

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

LAB CHRONICLE

OrderID:	Q3266	OrderDate:	10/1/2025 3:15:00 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3266-01	ENV-3-6FT	SOIL	SVOC-TCL BNA -20	8270E	10/01/25	10/02/25	10/02/25	10/01/25
Q3266-02	ENV-4-6FT	SOIL	SVOC-TCL BNA -20	8270E	10/01/25	10/06/25	10/08/25	10/01/25

Hit Summary Sheet SW-846

SDG No.: Q3266
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ENV-3-6FT								
Q3266-01	ENV-3-6FT	SOIL	Benzophenone	*	340.000	J 0	0	ug/Kg
Q3266-01	ENV-3-6FT	SOIL	Eicosyl heptafluorobutyrate	*	280.000	J 0	0	ug/Kg
Q3266-01	ENV-3-6FT	SOIL	n-Hexadecanoic acid	*	290.000	J 0	0	ug/Kg
Total Tics :					910.00			
Total Concentration:					910.00			
Client ID : ENV-4-6FT								
Q3266-02	ENV-4-6FT	SOIL	Benzophenone	*	210.000	J 0	0	ug/Kg
Q3266-02	ENV-4-6FT	SOIL	n-Hexadecanoic acid	*	390.000	J 0	0	ug/Kg
Q3266-02	ENV-4-6FT	SOIL	n-Tetracosanol-1	*	190.000	J 0	0	ug/Kg
Q3266-02	ENV-4-6FT	SOIL	Tetracosane	*	130.000	J 0	0	ug/Kg
Total Tics :					920.00			
Total Concentration:					920.00			



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169953BL	PB169953BL	2-Fluorophenol	150	129	86		18	112
		Phenol-d6	150	132	88		15	107
		Nitrobenzene-d5	100	94.9	95		18	107
		2-Fluorobiphenyl	100	87.1	87		20	109
		2,4,6-Tribromophenol	150	144	96		10	116
		Terphenyl-d14	100	90.1	90		10	105
PB169953BS	PB169953BS	2-Fluorophenol	150	115	77		18	112
		Phenol-d6	150	117	78		15	107
		Nitrobenzene-d5	100	87.8	88		18	107
		2-Fluorobiphenyl	100	77.6	78		20	109
		2,4,6-Tribromophenol	150	130	87		10	116
		Terphenyl-d14	100	86.4	86		10	105
Q3266-01	ENV-3-6FT	2-Fluorophenol	150	147	98		18	112
		Phenol-d6	150	152	101		15	107
		Nitrobenzene-d5	100	107	107		18	107
		2-Fluorobiphenyl	100	91.4	91		20	109
		2,4,6-Tribromophenol	150	109	73		10	116
		Terphenyl-d14	100	116	116	*	10	105
Q3266-01MS	ENV-3-6FTMS	2-Fluorophenol	150	164	110		18	112
		Phenol-d6	150	172	115	*	15	107
		Nitrobenzene-d5	100	120	120	*	18	107
		2-Fluorobiphenyl	100	101	101		20	109
		2,4,6-Tribromophenol	150	109	73		10	116
		Terphenyl-d14	100	139	139	*	10	105
Q3266-01MSD	ENV-3-6FTMSD	2-Fluorophenol	150	153	102		18	112
		Phenol-d6	150	159	106		15	107
		Nitrobenzene-d5	100	112	112	*	18	107
		2-Fluorobiphenyl	100	95.1	95		20	109
		2,4,6-Tribromophenol	150	99.1	66		10	116
		Terphenyl-d14	100	127	127	*	10	105

Surrogate Summary

SW-846

SDG No.: Q3266

Client: CDM Smith

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169989BL	PB169989BL	2-Fluorophenol	150	134	90		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	78.3	78		18	107
		2-Fluorobiphenyl	100	80.7	81		20	109
		2,4,6-Tribromophenol	150	135	90		10	116
		Terphenyl-d14	100	81.6	82		10	105
PB169989BS	PB169989BS	2-Fluorophenol	150	133	88		18	112
		Phenol-d6	150	126	84		15	107
		Nitrobenzene-d5	100	74.7	75		18	107
		2-Fluorobiphenyl	100	78.4	78		20	109
		2,4,6-Tribromophenol	150	134	89		10	116
		Terphenyl-d14	100	81.0	81		10	105
Q3266-02	ENV-4-6FT	2-Fluorophenol	150	83.3	56		18	112
		Phenol-d6	150	84.4	56		15	107
		Nitrobenzene-d5	100	60.4	60		18	107
		2-Fluorobiphenyl	100	56.4	56		20	109
		2,4,6-Tribromophenol	150	78.6	52		10	116
		Terphenyl-d14	100	56.8	57		10	105
Q3289-05MS	72-11966MS	2-Fluorophenol	150	69.0	46		18	112
		Phenol-d6	150	68.5	46		15	107
		Nitrobenzene-d5	100	37.8	38		18	107
		2-Fluorobiphenyl	100	35.5	35		20	109
		2,4,6-Tribromophenol	150	64.8	43		10	116
		Terphenyl-d14	100	40.8	41		10	105
Q3289-05MSD	72-11966MSD	2-Fluorophenol	150	69.9	47		18	112
		Phenol-d6	150	69.6	46		15	107
		Nitrobenzene-d5	100	38.3	38		18	107
		2-Fluorobiphenyl	100	35.2	35		20	109
		2,4,6-Tribromophenol	150	65.8	44		10	116
		Terphenyl-d14	100	42.4	42		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF143864.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3266-01MS		Client Sample ID: ENV-3-6FTMS									
Benzaldehyde	4100	0	2400	ug/Kg	59				10	171	
Phenol	4100	0	4000	ug/Kg	98				51	122	
bis(2-Chloroethyl)ether	4100	0	3800	ug/Kg	93				54	125	
2-Chlorophenol	4100	0	4000	ug/Kg	98				51	121	
2-Methylphenol	4100	0	4000	ug/Kg	98				47	125	
2,2-oxybis(1-Chloropropane)	4100	0	3200	ug/Kg	78				46	119	
Acetophenone	4100	0	4200	ug/Kg	102				55	128	
3+4-Methylphenols	4100	0	3900	ug/Kg	95				49	125	
N-Nitroso-di-n-propylamine	4100	0	3900	ug/Kg	95				59	119	
Hexachloroethane	4100	0	3800	ug/Kg	93				51	116	
Nitrobenzene	4100	0	4000	ug/Kg	98				47	124	
Isophorone	4100	0	4100	ug/Kg	100				49	127	
2-Nitrophenol	4100	0	4500	ug/Kg	110				43	131	
2,4-Dimethylphenol	4100	0	4300	ug/Kg	105				63	151	
bis(2-Chloroethoxy)methane	4100	0	3800	ug/Kg	93				51	119	
2,4-Dichlorophenol	4100	0	4000	ug/Kg	98				50	122	
Naphthalene	4100	0	3800	ug/Kg	93				51	121	
4-Chloroaniline	4100	0	1300	ug/Kg	32				10	100	
Hexachlorobutadiene	4100	0	3900	ug/Kg	95				44	126	
Caprolactam	4100	0	5000	ug/Kg	122				51	134	
4-Chloro-3-methylphenol	4100	0	4300	ug/Kg	105				57	132	
2-Methylnaphthalene	4100	0	3700	ug/Kg	90				59	123	
Hexachlorocyclopentadiene	8300	0	8700	ug/Kg	105				10	175	
2,4,6-Trichlorophenol	4100	0	4100	ug/Kg	100				33	141	
2,4,5-Trichlorophenol	4100	0	4100	ug/Kg	100				38	135	
1,1-Biphenyl	4100	0	4100	ug/Kg	100				55	131	
2-Chloronaphthalene	4100	0	3700	ug/Kg	90				48	124	
2-Nitroaniline	4100	0	4600	ug/Kg	112				47	134	
Dimethylphthalate	4100	0	4100	ug/Kg	100				54	120	
Acenaphthylene	4100	0	4400	ug/Kg	107				57	125	
2,6-Dinitrotoluene	4100	0	5400	ug/Kg	132	*			48	127	
3-Nitroaniline	4100	0	2600	ug/Kg	63				10	112	
Acenaphthene	4100	0	4000	ug/Kg	98				70	121	
2,4-Dinitrophenol	8300	0	8300	ug/Kg	100				10	155	
4-Nitrophenol	8300	0	8300	ug/Kg	100				10	175	
Dibenzofuran	4100	0	3900	ug/Kg	95				52	114	
2,4-Dinitrotoluene	4100	0	4800	ug/Kg	117				41	140	
Diethylphthalate	4100	0	4200	ug/Kg	102				51	119	
4-Chlorophenyl-phenylether	4100	0	4000	ug/Kg	98				48	122	
Fluorene	4100	0	4000	ug/Kg	98				53	118	
4-Nitroaniline	4100	0	4800	ug/Kg	117				29	140	
4,6-Dinitro-2-methylphenol	4100	0	5100	ug/Kg	124				10	160	
N-Nitrosodiphenylamine	4100	0	3900	ug/Kg	95				73	118	
4-Bromophenyl-phenylether	4100	0	3800	ug/Kg	93				65	121	
Hexachlorobenzene	4100	0	3300	ug/Kg	80				67	118	
Atrazine	4100	0	4400	ug/Kg	107				45	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF143864.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	8300	0	7500	ug/Kg	90				13	153	
Phenanthrene	4100	0	3800	ug/Kg	93				52	128	
Anthracene	4100	0	3900	ug/Kg	95				62	124	
Carbazole	4100	0	3900	ug/Kg	95				59	119	
Di-n-butylphthalate	4100	0	4100	ug/Kg	100				55	125	
Fluoranthene	4100	180	3900	ug/Kg	91				44	125	
Pyrene	4100	220	5200	ug/Kg	121				37	122	
Butylbenzylphthalate	4100	0	5300	ug/Kg	129				44	135	
3,3-Dichlorobenzidine	4100	0	1900	ug/Kg	46				15	112	
Benzo(a)anthracene	4100	0	4200	ug/Kg	102				53	119	
Chrysene	4100	0	4200	ug/Kg	102				57	121	
bis(2-Ethylhexyl)phthalate	4100	0	4300	ug/Kg	105				42	169	
Di-n-octyl phthalate	4100	0	4000	ug/Kg	98				51	156	
Benzo(b)fluoranthene	4100	170	4300	ug/Kg	101				52	117	
Benzo(k)fluoranthene	4100	0	3600	ug/Kg	88				57	134	
Benzo(a)pyrene	4100	0	4300	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	4100	0	4100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	4100	0	4000	ug/Kg	98				43	123	
Benzo(g,h,i)perylene	4100	0	4200	ug/Kg	102				24	125	
1,2,4,5-Tetrachlorobenzene	4100	0	4100	ug/Kg	100				52	134	
1,4-Dioxane	4100	0	3400	ug/Kg	83				46	112	
2,3,4,6-Tetrachlorophenol	4100	0	4600	ug/Kg	112				24	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF143865.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3266-01MSD	Client Sample ID:	ENV-3-6FTMSD								
Benzaldehyde	4100	0	2200	ug/Kg	54		9		10	171	20
Phenol	4100	0	3700	ug/Kg	90		9		51	122	20
bis(2-Chloroethyl)ether	4100	0	3500	ug/Kg	85		9		54	125	20
2-Chlorophenol	4100	0	3600	ug/Kg	88		11		51	121	20
2-Methylphenol	4100	0	3700	ug/Kg	90		9		47	125	20
2,2-oxybis(1-Chloropropane)	4100	0	3000	ug/Kg	73		7		46	119	20
Acetophenone	4100	0	3900	ug/Kg	95		7		55	128	20
3+4-Methylphenols	4100	0	3600	ug/Kg	88		8		49	125	20
N-Nitroso-di-n-propylamine	4100	0	3600	ug/Kg	88		8		59	119	20
Hexachloroethane	4100	0	3600	ug/Kg	88		6		51	116	20
Nitrobenzene	4100	0	3700	ug/Kg	90		9		47	124	20
Isophorone	4100	0	3800	ug/Kg	93		7		49	127	20
2-Nitrophenol	4100	0	4300	ug/Kg	105		5		43	131	20
2,4-Dimethylphenol	4100	0	4000	ug/Kg	98		7		63	151	20
bis(2-Chloroethoxy)methane	4100	0	3500	ug/Kg	85		9		51	119	20
2,4-Dichlorophenol	4100	0	3800	ug/Kg	93		5		50	122	20
Naphthalene	4100	0	3500	ug/Kg	85		9		51	121	20
4-Chloroaniline	4100	0	1300	ug/Kg	32		0		10	100	20
Hexachlorobutadiene	4100	0	3700	ug/Kg	90		5		44	126	20
Caprolactam	4100	0	4600	ug/Kg	112		9		51	134	20
4-Chloro-3-methylphenol	4100	0	4000	ug/Kg	98		7		57	132	20
2-Methylnaphthalene	4100	0	3400	ug/Kg	83		8		59	123	20
Hexachlorocyclopentadiene	8300	0	8300	ug/Kg	100		5		10	175	20
2,4,6-Trichlorophenol	4100	0	3900	ug/Kg	95		5		33	141	20
2,4,5-Trichlorophenol	4100	0	3800	ug/Kg	93		7		38	135	20
1,1-Biphenyl	4100	0	3800	ug/Kg	93		7		55	131	20
2-Chloronaphthalene	4100	0	3400	ug/Kg	83		8		48	124	20
2-Nitroaniline	4100	0	4400	ug/Kg	107		5		47	134	20
Dimethylphthalate	4100	0	3900	ug/Kg	95		5		54	120	20
Acenaphthylene	4100	0	4100	ug/Kg	100		7		57	125	20
2,6-Dinitrotoluene	4100	0	5000	ug/Kg	122		8		48	127	20
3-Nitroaniline	4100	0	2500	ug/Kg	61		3		10	112	20
Acenaphthene	4100	0	3800	ug/Kg	93		5		70	121	20
2,4-Dinitrophenol	8300	0	8300	ug/Kg	100		0		10	155	20
4-Nitrophenol	8300	0	7800	ug/Kg	94		6		10	175	20
Dibenzofuran	4100	0	3600	ug/Kg	88		8		52	114	20
2,4-Dinitrotoluene	4100	0	4500	ug/Kg	110		6		41	140	20
Diethylphthalate	4100	0	3900	ug/Kg	95		7		51	119	20
4-Chlorophenyl-phenylether	4100	0	3700	ug/Kg	90		9		48	122	20
Fluorene	4100	0	3700	ug/Kg	90		9		53	118	20
4-Nitroaniline	4100	0	4400	ug/Kg	107		9		29	140	20
4,6-Dinitro-2-methylphenol	4100	0	4800	ug/Kg	117		6		10	160	20
N-Nitrosodiphenylamine	4100	0	3600	ug/Kg	88		8		73	118	20
4-Bromophenyl-phenylether	4100	0	3500	ug/Kg	85		9		65	121	20
Hexachlorobenzene	4100	0	3100	ug/Kg	76		5		67	118	20
Atrazine	4100	0	4100	ug/Kg	100		7		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BF143865.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	8300	0	6900	ug/Kg	83		8		13	153	20
Phenanthrene	4100	0	3600	ug/Kg	88		6		52	128	20
Anthracene	4100	0	3600	ug/Kg	88		8		62	124	20
Carbazole	4100	0	3600	ug/Kg	88		8		59	119	20
Di-n-butylphthalate	4100	0	3800	ug/Kg	93		7		55	125	20
Fluoranthene	4100	0	3500	ug/Kg	85		7		44	125	20
Pyrene	4100	0	4700	ug/Kg	115		5		37	122	20
Butylbenzylphthalate	4100	0	5000	ug/Kg	122		6		44	135	20
3,3-Dichlorobenzidine	4100	0	1700	ug/Kg	41		11		15	112	20
Benzo(a)anthracene	4100	0	3800	ug/Kg	93		9		53	119	20
Chrysene	4100	0	4000	ug/Kg	98		4		57	121	20
bis(2-Ethylhexyl)phthalate	4100	0	4000	ug/Kg	98		7		42	169	20
Di-n-octyl phthalate	4100	0	3700	ug/Kg	90		9		51	156	20
Benzo(b)fluoranthene	4100	0	4000	ug/Kg	98		3		52	117	20
Benzo(k)fluoranthene	4100	0	3500	ug/Kg	85		3		57	134	20
Benzo(a)pyrene	4100	0	4000	ug/Kg	98		7		70	142	20
Indeno(1,2,3-cd)pyrene	4100	0	3700	ug/Kg	90		11		40	129	20
Dibenz(a,h)anthracene	4100	0	3600	ug/Kg	88		11		43	123	20
Benzo(g,h,i)perylene	4100	0	3900	ug/Kg	95		7		24	125	20
1,2,4,5-Tetrachlorobenzene	4100	0	3800	ug/Kg	93		7		52	134	20
1,4-Dioxane	4100	0	3100	ug/Kg	76		9		46	112	20
2,3,4,6-Tetrachlorophenol	4100	0	4300	ug/Kg	105		6		24	146	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025935.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3289-05MS		Client Sample ID: 72-11966MS									
Benzaldehyde	1100	0	710	ug/Kg	65				10	171	
Phenol	1100	0	970	ug/Kg	88				51	122	
bis(2-Chloroethyl)ether	1100	0	940	ug/Kg	85				54	125	
2-Chlorophenol	1100	0	990	ug/Kg	90				51	121	
2-Methylphenol	1100	0	960	ug/Kg	87				47	125	
2,2-oxybis(1-Chloropropane)	1100	0	820	ug/Kg	75				46	119	
Acetophenone	1100	0	1100	ug/Kg	100				55	128	
3+4-Methylphenols	1100	0	920	ug/Kg	84				49	125	
N-Nitroso-di-n-propylamine	1100	0	860	ug/Kg	78				59	119	
Hexachloroethane	1100	0	930	ug/Kg	85				51	116	
Nitrobenzene	1100	0	950	ug/Kg	86				47	124	
Isophorone	1100	0	910	ug/Kg	83				49	127	
2-Nitrophenol	1100	0	1000	ug/Kg	91				43	131	
2,4-Dimethylphenol	1100	0	1000	ug/Kg	91				63	151	
bis(2-Chloroethoxy)methane	1100	0	950	ug/Kg	86				51	119	
2,4-Dichlorophenol	1100	0	1000	ug/Kg	91				50	122	
Naphthalene	1100	0	960	ug/Kg	87				51	121	
4-Chloroaniline	1100	0	630	ug/Kg	57				10	100	
Hexachlorobutadiene	1100	0	1000	ug/Kg	91				44	126	
Caprolactam	1100	0	890	ug/Kg	81				51	134	
4-Chloro-3-methylphenol	1100	0	960	ug/Kg	87				57	132	
2-Methylnaphthalene	1100	0	950	ug/Kg	86				59	123	
Hexachlorocyclopentadiene	2200	0	1600	ug/Kg	73				10	175	
2,4,6-Trichlorophenol	1100	0	1100	ug/Kg	100				33	141	
2,4,5-Trichlorophenol	1100	0	1000	ug/Kg	91				38	135	
1,1-Biphenyl	1100	0	1100	ug/Kg	100				55	131	
2-Chloronaphthalene	1100	0	1000	ug/Kg	91				48	124	
2-Nitroaniline	1100	0	960	ug/Kg	87				47	134	
Dimethylphthalate	1100	0	950	ug/Kg	86				54	120	
Acenaphthylene	1100	0	1000	ug/Kg	91				57	125	
2,6-Dinitrotoluene	1100	0	990	ug/Kg	90				48	127	
3-Nitroaniline	1100	0	720	ug/Kg	65				10	112	
Acenaphthene	1100	0	970	ug/Kg	88				70	121	
2,4-Dinitrophenol	2200	0	1700	ug/Kg	77				10	155	
4-Nitrophenol	2200	0	1500	ug/Kg	68				10	175	
Dibenzofuran	1100	0	960	ug/Kg	87				52	114	
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91				41	140	
Diethylphthalate	1100	0	960	ug/Kg	87				51	119	
4-Chlorophenyl-phenylether	1100	0	1000	ug/Kg	91				48	122	
Fluorene	1100	0	980	ug/Kg	89				53	118	
4-Nitroaniline	1100	0	890	ug/Kg	81				29	140	
4,6-Dinitro-2-methylphenol	1100	0	1000	ug/Kg	91				10	160	
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91				73	118	
4-Bromophenyl-phenylether	1100	0	1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100	0	1100	ug/Kg	100				67	118	
Atrazine	1100	0	1000	ug/Kg	91				45	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025935.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2200	0	2100	ug/Kg	95				13	153	
Phenanthrene	1100	0	960	ug/Kg	87				52	128	
Anthracene	1100	0	980	ug/Kg	89				62	124	
Carbazole	1100	0	990	ug/Kg	90				59	119	
Di-n-butylphthalate	1100	0	990	ug/Kg	90				55	125	
Fluoranthene	1100	0	1000	ug/Kg	91				44	125	
Pyrene	1100	0	990	ug/Kg	90				37	122	
Butylbenzylphthalate	1100	0	990	ug/Kg	90				44	135	
3,3-Dichlorobenzidine	1100	0	770	ug/Kg	70				15	112	
Benzo(a)anthracene	1100	0	990	ug/Kg	90				53	119	
Chrysene	1100	0	990	ug/Kg	90				57	121	
bis(2-Ethylhexyl)phthalate	1100	0	980	ug/Kg	89				42	169	
Di-n-octyl phthalate	1100	0	1000	ug/Kg	91				51	156	
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91				52	117	
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91				57	134	
Benzo(a)pyrene	1100	0	1000	ug/Kg	91				70	142	
Indeno(1,2,3-cd)pyrene	1100	0	1000	ug/Kg	91				40	129	
Dibenz(a,h)anthracene	1100	0	1000	ug/Kg	91				43	123	
Benzo(g,h,i)perylene	1100	0	1000	ug/Kg	91				24	125	
1,2,4,5-Tetrachlorobenzene	1100	0	1200	ug/Kg	109				52	134	
1,4-Dioxane	1100	0	810	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1100	0	1000	ug/Kg	91				24	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025936.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3289-05MSD		Client Sample ID: 72-11966MSD									
Benzaldehyde	1100	0	720	ug/Kg	65		0		10	171	20
Phenol	1100	0	980	ug/Kg	89		1		51	122	20
bis(2-Chloroethyl)ether	1100	0	930	ug/Kg	85		0		54	125	20
2-Chlorophenol	1100	0	1000	ug/Kg	91		1		51	121	20
2-Methylphenol	1100	0	980	ug/Kg	89		2		47	125	20
2,2-oxybis(1-Chloropropane)	1100	0	830	ug/Kg	75		0		46	119	20
Acetophenone	1100	0	1100	ug/Kg	100		0		55	128	20
3+4-Methylphenols	1100	0	930	ug/Kg	85		1		49	125	20
N-Nitroso-di-n-propylamine	1100	0	890	ug/Kg	81		4		59	119	20
Hexachloroethane	1100	0	950	ug/Kg	86		1		51	116	20
Nitrobenzene	1100	0	960	ug/Kg	87		1		47	124	20
Isophorone	1100	0	920	ug/Kg	84		1		49	127	20
2-Nitrophenol	1100	0	1100	ug/Kg	100		9		43	131	20
2,4-Dimethylphenol	1100	0	1000	ug/Kg	91		0		63	151	20
bis(2-Chloroethoxy)methane	1100	0	950	ug/Kg	86		0		51	119	20
2,4-Dichlorophenol	1100	0	1100	ug/Kg	100		9		50	122	20
Naphthalene	1100	0	960	ug/Kg	87		0		51	121	20
4-Chloroaniline	1100	0	660	ug/Kg	60		5		10	100	20
Hexachlorobutadiene	1100	0	1000	ug/Kg	91		0		44	126	20
Caprolactam	1100	0	930	ug/Kg	85		5		51	134	20
4-Chloro-3-methylphenol	1100	0	1000	ug/Kg	91		4		57	132	20
2-Methylnaphthalene	1100	0	990	ug/Kg	90		5		59	123	20
Hexachlorocyclopentadiene	2200	0	1600	ug/Kg	73		0		10	175	20
2,4,6-Trichlorophenol	1100	0	1100	ug/Kg	100		0		33	141	20
2,4,5-Trichlorophenol	1100	0	1100	ug/Kg	100		9		38	135	20
1,1-Biphenyl	1100	0	1100	ug/Kg	100		0		55	131	20
2-Chloronaphthalene	1100	0	1000	ug/Kg	91		0		48	124	20
2-Nitroaniline	1100	0	980	ug/Kg	89		2		47	134	20
Dimethylphthalate	1100	0	950	ug/Kg	86		0		54	120	20
Acenaphthylene	1100	0	990	ug/Kg	90		1		57	125	20
2,6-Dinitrotoluene	1100	0	1000	ug/Kg	91		1		48	127	20
3-Nitroaniline	1100	0	730	ug/Kg	66		2		10	112	20
Acenaphthene	1100	0	960	ug/Kg	87		1		70	121	20
2,4-Dinitrophenol	2200	0	1800	ug/Kg	82		6		10	155	20
4-Nitrophenol	2200	0	1600	ug/Kg	73		7		10	175	20
Dibenzofuran	1100	0	960	ug/Kg	87		0		52	114	20
2,4-Dinitrotoluene	1100	0	1000	ug/Kg	91		0		41	140	20
Diethylphthalate	1100	0	970	ug/Kg	88		1		51	119	20
4-Chlorophenyl-phenylether	1100	0	1000	ug/Kg	91		0		48	122	20
Fluorene	1100	0	990	ug/Kg	90		1		53	118	20
4-Nitroaniline	1100	0	1000	ug/Kg	91		12		29	140	20
4,6-Dinitro-2-methylphenol	1100	0	1100	ug/Kg	100		9		10	160	20
N-Nitrosodiphenylamine	1100	0	1000	ug/Kg	91		0		73	118	20
4-Bromophenyl-phenylether	1100	0	1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100	0	1100	ug/Kg	100		0		67	118	20
Atrazine	1100	0	1100	ug/Kg	100		9		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025936.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	2200	0	2100	ug/Kg	95		0		13	153	20
Phenanthrene	1100	0	1000	ug/Kg	91		4		52	128	20
Anthracene	1100	0	1000	ug/Kg	91		2		62	124	20
Carbazole	1100	0	1000	ug/Kg	91		1		59	119	20
Di-n-butylphthalate	1100	0	1000	ug/Kg	91		1		55	125	20
Fluoranthene	1100	0	1000	ug/Kg	91		0		44	125	20
Pyrene	1100	0	1000	ug/Kg	91		1		37	122	20
Butylbenzylphthalate	1100	0	1000	ug/Kg	91		1		44	135	20
3,3-Dichlorobenzidine	1100	0	810	ug/Kg	74		6		15	112	20
Benzo(a)anthracene	1100	0	1000	ug/Kg	91		1		53	119	20
Chrysene	1100	0	1000	ug/Kg	91		1		57	121	20
bis(2-Ethylhexyl)phthalate	1100	0	1000	ug/Kg	91		2		42	169	20
Di-n-octyl phthalate	1100	0	1100	ug/Kg	100		9		51	156	20
Benzo(b)fluoranthene	1100	0	1000	ug/Kg	91		0		52	117	20
Benzo(k)fluoranthene	1100	0	1000	ug/Kg	91		0		57	134	20
Benzo(a)pyrene	1100	0	1000	ug/Kg	91		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100	0	1100	ug/Kg	100		9		40	129	20
Dibenz(a,h)anthracene	1100	0	1100	ug/Kg	100		9		43	123	20
Benzo(g,h,i)perylene	1100	0	1100	ug/Kg	100		9		24	125	20
1,2,4,5-Tetrachlorobenzene	1100	0	1100	ug/Kg	100		9		52	134	20
1,4-Dioxane	1100	0	810	ug/Kg	74		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100	0	1100	ug/Kg	100		9		24	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method:

8270E

Client: CDM Smith

DataFile:

BF143891.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169953BS	Benzaldehyde	1700	410	ug/Kg	24				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	910	ug/Kg	54				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3400	ug/Kg	103				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	
	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: 8270E

Client: CDM Smith

DataFile: BF143891.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB169953BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1500	ug/Kg	88				47	152	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1400	ug/Kg	82				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method:

8270E

Client: CDM Smith

DataFile:

BP025926.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB169989BS	Benzaldehyde	1700	1100	ug/Kg	65				10	133	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1300	ug/Kg	76				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	720	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1300	ug/Kg	76				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	2600	ug/Kg	79				45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	990	ug/Kg	58				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				37	128	
	4-Nitrophenol	3300	2300	ug/Kg	70				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3266

Analytical Method: 8270E

Client: CDM Smith

DataFile: BP025926.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB169989BS	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1600	ug/Kg	94				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1500	ug/Kg	88				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101	
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1800	ug/Kg	106		*		53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169953BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab File ID: BF143890.D

Lab Sample ID: PB169953BL

Instrument ID: BNA_F

Date Extracted: 10/02/2025

Matrix: (soil/water) SOIL

Date Analyzed: 10/08/2025

Level: (low/med) LOW

Time Analyzed: 12:20

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169953BS	PB169953BS	BF143891.D	10/08/2025
ENV-3-6FT	Q3266-01	BF143863.D	10/02/2025
ENV-3-6FTMS	Q3266-01MS	BF143864.D	10/02/2025
ENV-3-6FTMSD	Q3266-01MSD	BF143865.D	10/02/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169989BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3266

Lab File ID: BP025925.D

Lab Sample ID: PB169989BL

Instrument ID: BNA_P

Date Extracted: 10/06/2025

Matrix: (soil/water) SOIL

Date Analyzed: 10/06/2025

Level: (low/med) LOW

Time Analyzed: 16:15

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169989BS	PB169989BS	BP025926.D	10/06/2025
72-11966MS	Q3289-05MS	BP025935.D	10/06/2025
72-11966MSD	Q3289-05MSD	BP025936.D	10/06/2025
ENV-4-6FT	Q3266-02	BF143899.D	10/08/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143790.D
Instrument ID: BNA_F

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 09/23/2025
DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	33.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	98.5
443	15.0 - 24.0% of mass 442	18.6 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143791.D	09/23/2025	10:28
SSTDICC005	SSTDICC005	BF143792.D	09/23/2025	10:58
SSTDICC010	SSTDICC010	BF143793.D	09/23/2025	11:57
SSTDICC020	SSTDICC020	BF143794.D	09/23/2025	12:27
SSTDICCC040	SSTDICCC040	BF143795.D	09/23/2025	13:59
SSTDICC050	SSTDICC050	BF143796.D	09/23/2025	14:28
SSTDICC060	SSTDICC060	BF143797.D	09/23/2025	14:58
SSTDICC080	SSTDICC080	BF143798.D	09/23/2025	15:27



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG NO.: Q3266Lab File ID: BF143852.DDFTPP Injection Date: 10/02/2025Instrument ID: BNA_FDFTPP Injection Time: 12:38

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.5) 1
69	Mass 69 relative abundance	22.7
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143853.D	10/02/2025	13:36
ENV-3-6FT	Q3266-01	BF143863.D	10/02/2025	19:09
ENV-3-6FTMS	Q3266-01MS	BF143864.D	10/02/2025	19:38
ENV-3-6FTMSD	Q3266-01MSD	BF143865.D	10/02/2025	20:07



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143874.D
Instrument ID: BNA_F

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 10/06/2025
DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	24
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF143886.D
Instrument ID: BNA_F

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 10/08/2025
DFTPP Injection Time: 09:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	23.3
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.6
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.4 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143887.D	10/08/2025	10:13
PB169953BL	PB169953BL	BF143890.D	10/08/2025	12:20
PB169953BS	PB169953BS	BF143891.D	10/08/2025	12:49
ENV-4-6FT	Q3266-02	BF143899.D	10/08/2025	17:07



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025724.D
Instrument ID: BNA_P

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 09/11/2025
DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025923.D
Instrument ID: BNA_P

Contract: CAMP02
SDG NO.: Q3266
DFTPP Injection Date: 10/06/2025
DFTPP Injection Time: 14:12

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	91.2
443	15.0 - 24.0% of mass 442	17.8 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025924.D	10/06/2025	15:34
PB169989BL	PB169989BL	BP025925.D	10/06/2025	16:15
PB169989BS	PB169989BS	BP025926.D	10/06/2025	16:57
72-11966MS	Q3289-05MS	BP025935.D	10/06/2025	23:10
72-11966MSD	Q3289-05MSD	BP025936.D	10/06/2025	23:51

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID : SSTDCCC040

Date Analyzed: 10/02/2025

Lab File ID: BF143853.D

Time Analyzed: 13:36

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	114791	6.887	408348	8.17	201182	9.92
UPPER LIMIT	229582	7.387	816696	8.669	402364	10.422
LOWER LIMIT	57395.5	6.387	204174	7.669	100591	9.422
EPA SAMPLE NO.						
01 ENV-3-6FT	126293	6.88	481036	8.16	258523	9.92
02 ENV-3-6FTMS	119401	6.89	452831	8.17	241644	9.92
03 ENV-3-6FTMSD	132113	6.89	498372	8.17	264381	9.93

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID: SSTDCCC040

Date Analyzed: 10/02/2025

Lab File ID: BF143853.D

Time Analyzed: 13:36

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	313026	11.41	379221	14.057	631257	15.533
UPPER LIMIT	626052	11.91	758442	14.557	1262510	16.033
LOWER LIMIT	156513	10.91	189611	13.557	315629	15.033
EPA SAMPLE NO.						
01 ENV-3-6FT	433428	11.41	360731	14.05	444342	15.53
02 ENV-3-6FTMS	394825	11.41	306082	14.06	431989	15.53
03 ENV-3-6FTMSD	436632	11.41	345011	14.06	467433	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID : SSTDCCC040

Date Analyzed: 10/08/2025

Lab File ID: BF143887.D

Time Analyzed: 10:13

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	125960	6.881	486402	8.17	269911	9.92
UPPER LIMIT	251920	7.381	972804	8.669	539822	10.422
LOWER LIMIT	62980	6.381	243201	7.669	134956	9.422
EPA SAMPLE NO.						
01 PB169953BL	127094	6.88	497763	8.16	273707	9.92
02 PB169953BS	137733	6.88	539635	8.16	299662	9.93
03 ENV-4-6FT	95054	6.88	368458	8.16	204631	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID: SSTDCCC040

Date Analyzed: 10/08/2025

Lab File ID: BF143887.D

Time Analyzed: 10:13

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	472445	11.416	292935	14.063	279333	15.539
UPPER LIMIT	944890	11.916	585870	14.563	558666	16.039
LOWER LIMIT	236223	10.916	146468	13.563	139667	15.039
EPA SAMPLE NO.						
01 PB169953BL	502324	11.41	342677	14.06	291422	15.54
02 PB169953BS	525088	11.42	325733	14.06	295411	15.54
03 ENV-4-6FT	351450	11.41	205903	14.06	263892	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID : SSTDCCC040

Date Analyzed: 10/06/2025

Lab File ID: BP025924.D

Time Analyzed: 15:34

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	192886	7.737	769676	10.50	505298	14.35
UPPER LIMIT	385772	8.237	1539350	11.001	1010600	14.848
LOWER LIMIT	96443	7.237	384838	10.001	252649	13.848
EPA SAMPLE NO.						
01 72-11966MS	161138	7.74	617249	10.50	391056	14.34
02 72-11966MSD	153847	7.74	597298	10.50	396048	14.34
03 PB169989BL	166902	7.74	621599	10.50	409905	14.36
04 PB169989BS	182029	7.74	705808	10.50	446200	14.35

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3266

Client ID: SSTDCCC040

Date Analyzed: 10/06/2025

Lab File ID: BP025924.D

Time Analyzed: 15:34

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1020790	17.154	1062720	21.613	1164050	24.942
UPPER LIMIT	2041580	17.654	2125440	22.113	2328100	25.442
LOWER LIMIT	510395	16.654	531360	21.113	582025	24.442
EPA SAMPLE NO.						
01 72-11966MS	786547	17.14	846364	21.58	950988	24.92
02 72-11966MSD	796318	17.14	842677	21.58	987151	24.92
03 PB169989BL	834381	17.17	918841	21.60	970381	24.95
04 PB169989BS	872158	17.14	874721	21.59	970632	24.94

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Test:	SVOC-TCL BNA -20
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	390	U	390	820	ug/Kg
108-95-2	Phenol	55.0	U	55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.5	U	60.5	420	ug/Kg
95-57-8	2-Chlorophenol	60.7	U	60.7	420	ug/Kg
95-48-7	2-Methylphenol	74.4	U	74.4	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.3	U	93.3	420	ug/Kg
98-86-2	Acetophenone	73.4	U	73.4	420	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	200	ug/Kg
67-72-1	Hexachloroethane	43.8	U	43.8	420	ug/Kg
98-95-3	Nitrobenzene	45.5	U	45.5	420	ug/Kg
78-59-1	Isophorone	81.6	U	81.6	420	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76.6	U	76.6	420	ug/Kg
120-83-2	2,4-Dichlorophenol	70.4	U	70.4	420	ug/Kg
91-20-3	Naphthalene	56.5	U	56.5	420	ug/Kg
106-47-8	4-Chloroaniline	88.1	U	88.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	63.0	U	63.0	420	ug/Kg
105-60-2	Caprolactam	130	U	130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71.4	U	71.4	420	ug/Kg
91-57-6	2-Methylnaphthalene	63.7	U	63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.3	U	49.3	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	72.4	U	72.4	420	ug/Kg
92-52-4	1,1-Biphenyl	54.2	U	54.2	420	ug/Kg
91-58-7	2-Chloronaphthalene	56.0	U	56.0	420	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	420	ug/Kg
131-11-3	Dimethylphthalate	67.4	U	67.4	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	71.9	U	71.9	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.6	U	83.6	420	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	420	ug/Kg
83-32-9	Acenaphthene	53.0	U	53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	570	U	570	820	ug/Kg
100-02-7	4-Nitrophenol	270	U	270	820	ug/Kg
132-64-9	Dibenzofuran	56.5	U	56.5	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	420	ug/Kg
84-66-2	Diethylphthalate	70.4	U	70.4	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	66.4	U	66.4	420	ug/Kg
86-73-7	Fluorene	63.0	U	63.0	420	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	260	U	260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.9	U	81.9	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	69.2	U	69.2	420	ug/Kg
118-74-1	Hexachlorobenzene	63.0	U	63.0	420	ug/Kg
1912-24-9	Atrazine	84.6	U	84.6	420	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	820	ug/Kg
85-01-8	Phenanthrene	52.0	U	52.0	420	ug/Kg
120-12-7	Anthracene	82.9	U	82.9	420	ug/Kg
86-74-8	Carbazole	77.6	U	77.6	420	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	420	ug/Kg
206-44-0	Fluoranthene	74.6	U	74.6	420	ug/Kg
129-00-0	Pyrene	89.6	U	89.6	420	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	91.3	U	91.3	820	ug/Kg
56-55-3	Benzo(a)anthracene	57.2	U	57.2	420	ug/Kg
218-01-9	Chrysene	49.5	U	49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	220	U	220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	47.3	U	47.3	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	420	ug/Kg
50-32-8	Benzo(a)pyrene	73.4	U	73.4	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.4	U	72.4	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	68.2	U	68.2	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63.9	U	63.9	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.7	U	63.7	420	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	68.2	U	68.2	420	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	147		18 - 112	98%	SPK: 150
13127-88-3	Phenol-d6	152		15 - 107	101%	SPK: 150
4165-60-0	Nitrobenzene-d5	107		18 - 107	107%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.4		20 - 109	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	116	*	10 - 105	116%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	126000	6.881
1146-65-2	Naphthalene-d8	481000	8.163
15067-26-2	Acenaphthene-d10	259000	9.922
1517-22-2	Phenanthrene-d10	433000	11.41
1719-03-5	Chrysene-d12	361000	14.051
1520-96-3	Perylene-d12	444000	15.533

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	340	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	290	J	11.9	ug/Kg
1000351-83-5	Eicosyl heptafluorobutyrate	280	J	13.9	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143863.D	1	10/02/25 10:00	10/02/25 19:09	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143863.D
 Acq On : 02 Oct 2025 19:09
 Operator : RC/JU
 Sample : Q3266-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-3-6FT

Quant Time: Oct 03 01:26:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126293	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	481036	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	258523	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	433428	20.000	ng	0.00
76) Chrysene-d12	14.051	240	360731	20.000	ng	-0.01
86) Perylene-d12	15.533	264	444342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	573216	73.742	ng	0.00
7) Phenol-d6	6.498	99	682521	75.991	ng	-0.01
23) Nitrobenzene-d5	7.440	82	418579	53.264	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	208208	54.393	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	757353	45.715	ng	0.00
79) Terphenyl-d14	12.998	244	1030370	58.091	ng	0.00

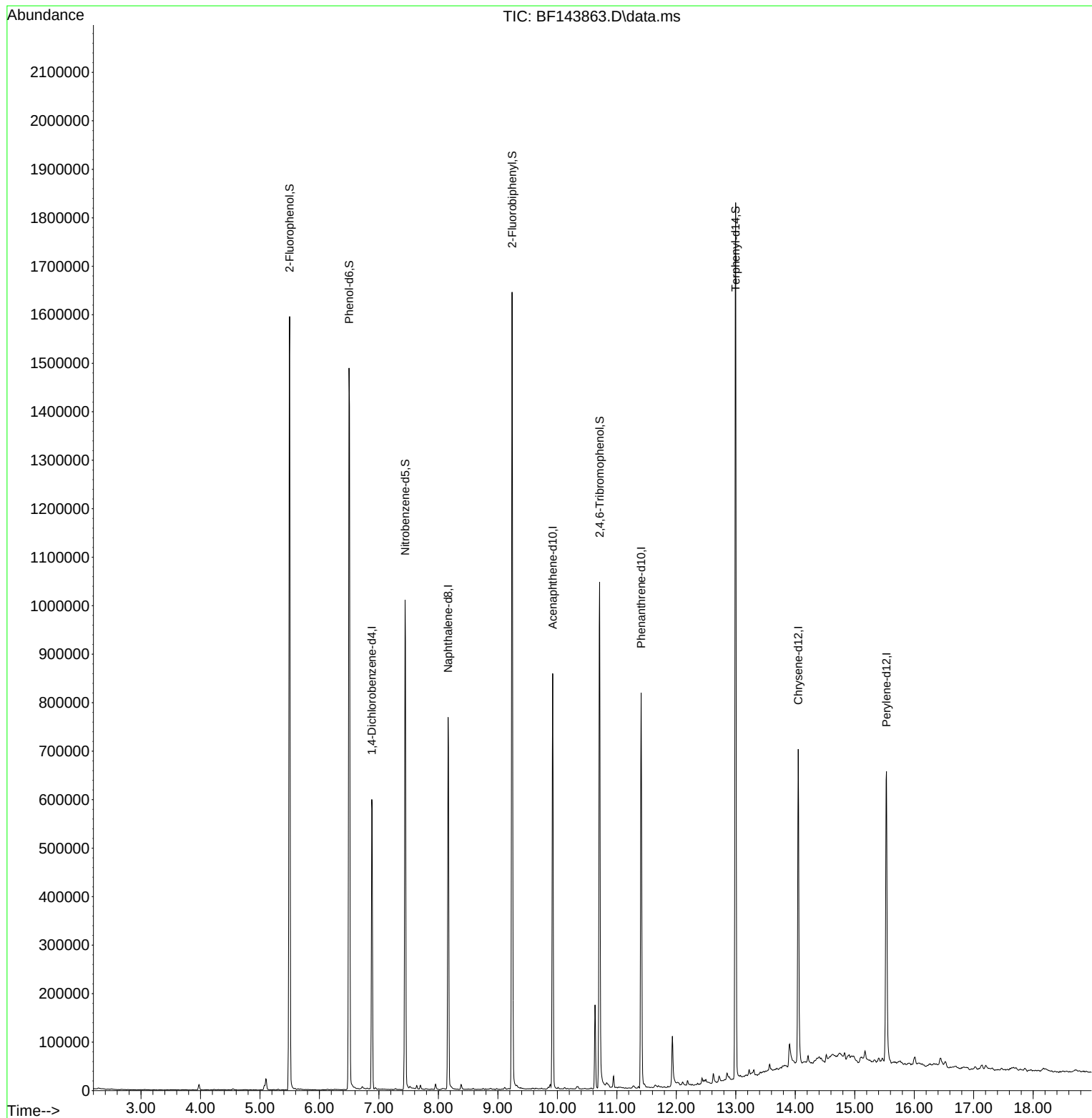
Target Compounds	Qvalue

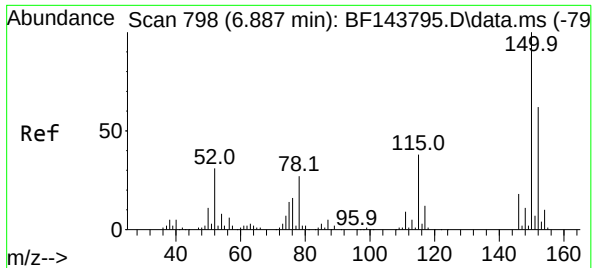
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143863.D
Acq On : 02 Oct 2025 19:09
Operator : RC/JU
Sample : Q3266-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

Quant Time: Oct 03 01:26:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

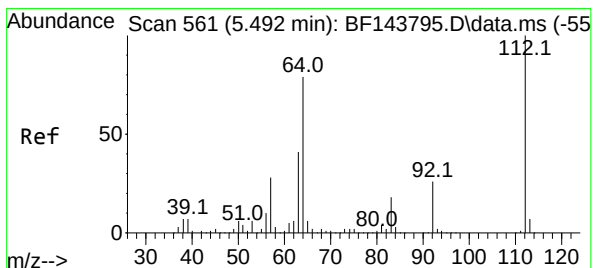
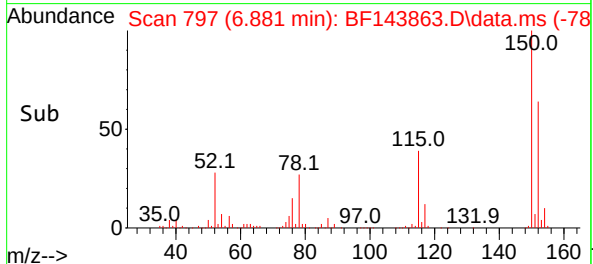
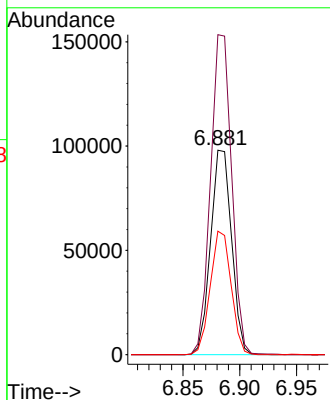
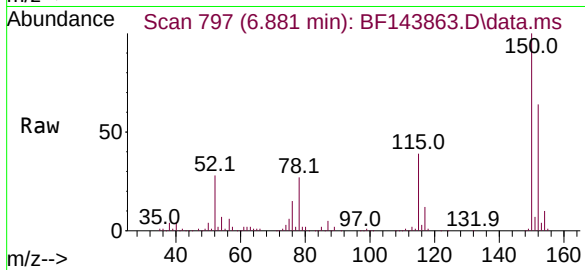




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

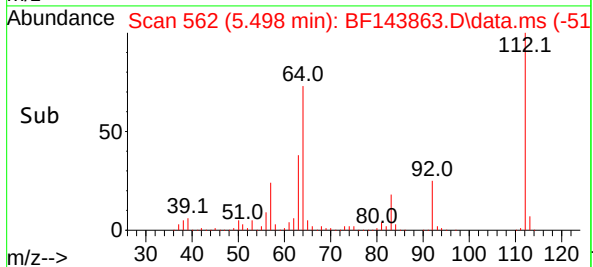
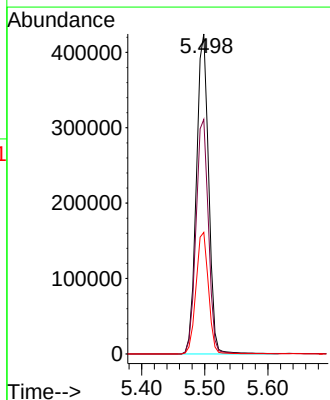
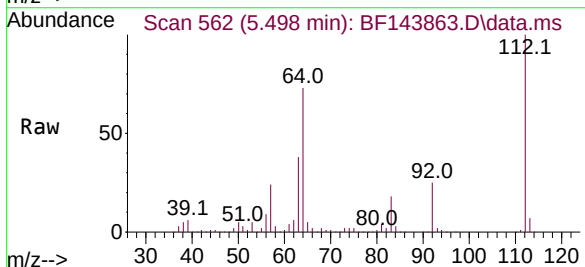
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

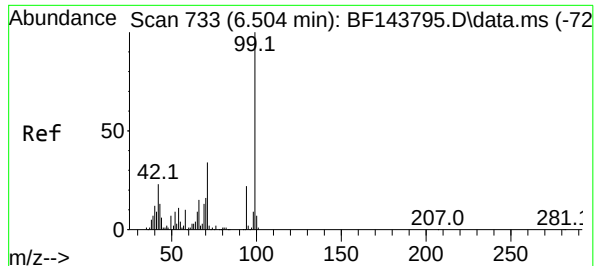
Tgt Ion:152 Resp: 126293
Ion Ratio Lower Upper
152 100
150 156.5 129.6 194.4
115 60.4 49.0 73.4



#5
2-Fluorophenol
Concen: 73.742 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

Tgt Ion:112 Resp: 573216
Ion Ratio Lower Upper
112 100
64 73.3 63.0 94.4
63 38.0 32.6 49.0

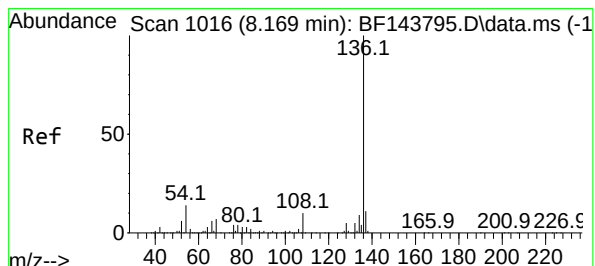
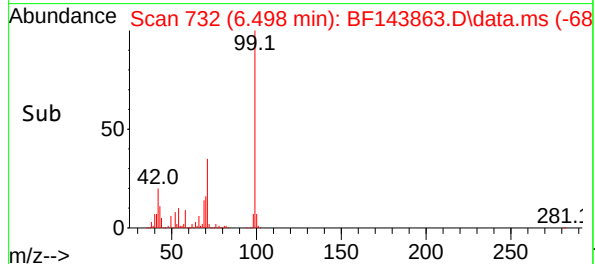
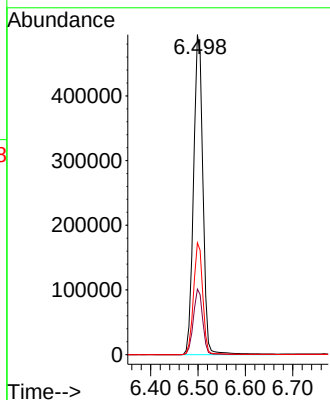
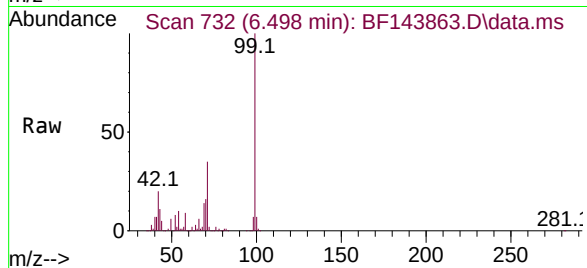




#7
Phenol-d6
Concen: 75.991 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

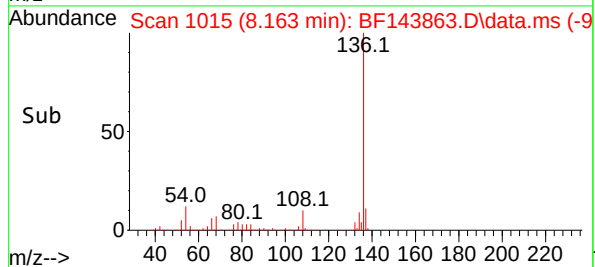
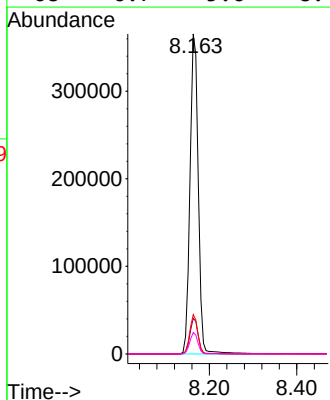
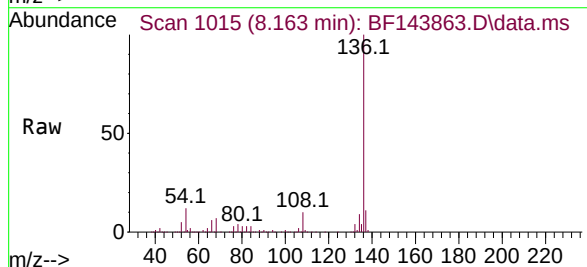
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

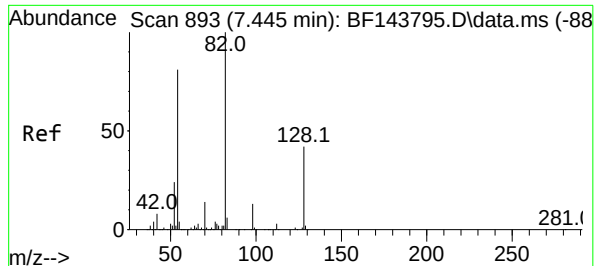
Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.5	18.6	28.0
71	34.9	27.0	40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	12.3	11.2	16.8
68	6.7	5.6	8.4





#23

Nitrobenzene-d5

Concen: 53.264 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.011 min

Lab File: BF143863.D

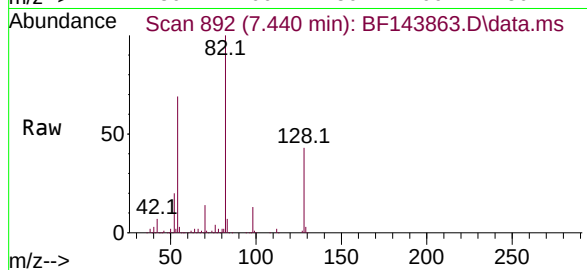
Acq: 02 Oct 2025 19:09

Instrument :

BNA_F

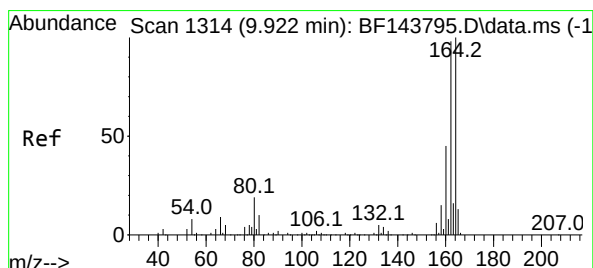
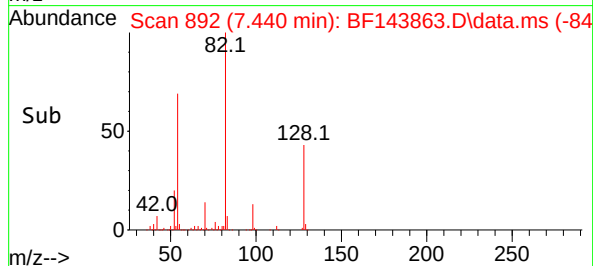
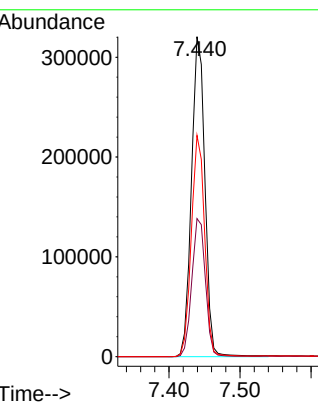
ClientSampleId :

ENV-3-6FT



Tgt Ion: 82 Resp: 418579

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.3	49.9
54	69.1	64.2	96.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

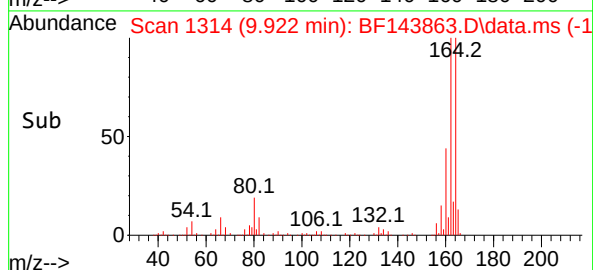
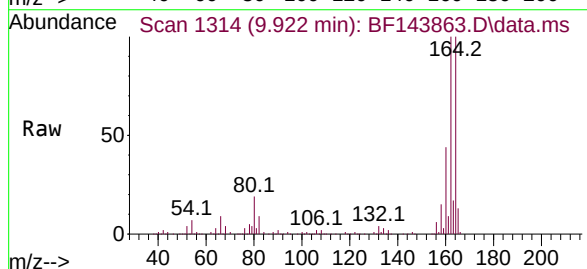
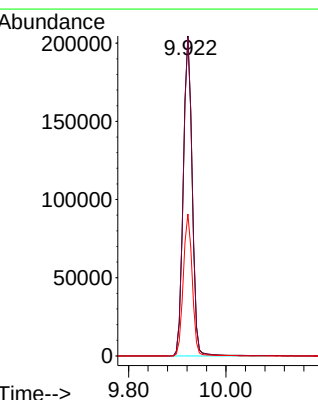
Delta R.T. -0.006 min

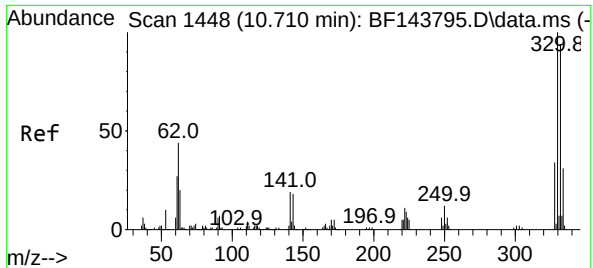
Lab File: BF143863.D

Acq: 02 Oct 2025 19:09

Tgt Ion: 164 Resp: 258523

Ion	Ratio	Lower	Upper
164	100		
162	99.6	78.8	118.2
160	44.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 54.393 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143863.D

Acq: 02 Oct 2025 19:09

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FT

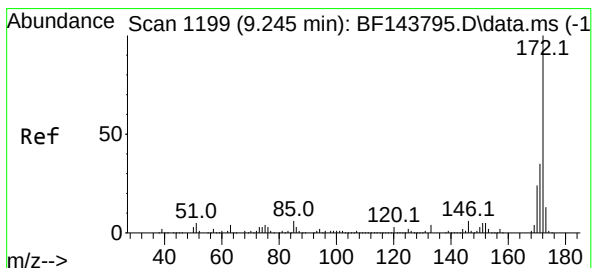
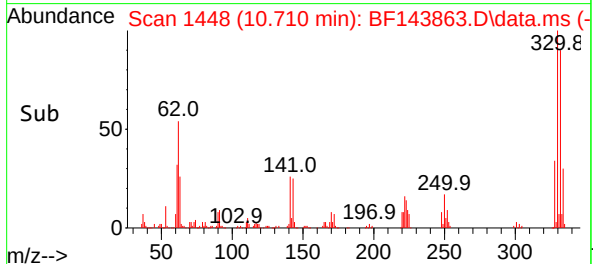
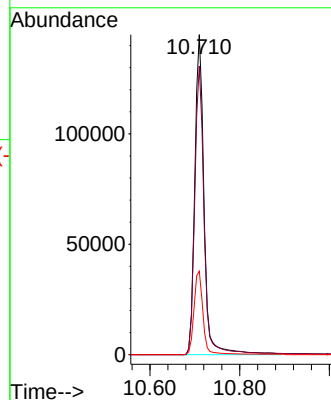
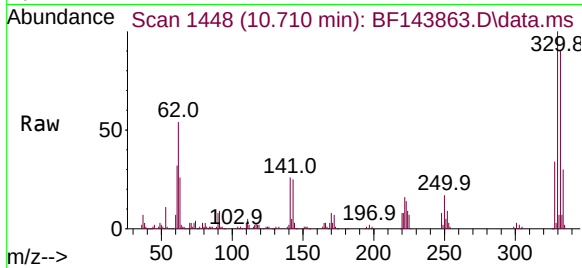
Tgt Ion:330 Resp: 208208

Ion Ratio Lower Upper

330 100

332 91.7 74.7 112.1

141 25.3 14.3 21.5#



#45

2-Fluorobiphenyl

Concen: 45.715 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF143863.D

Acq: 02 Oct 2025 19:09

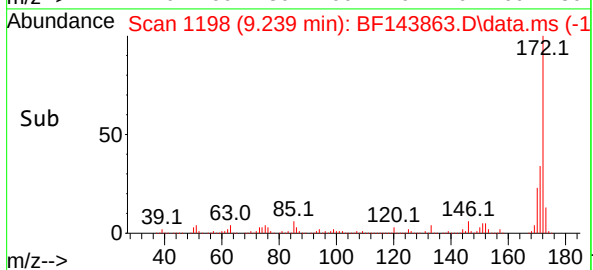
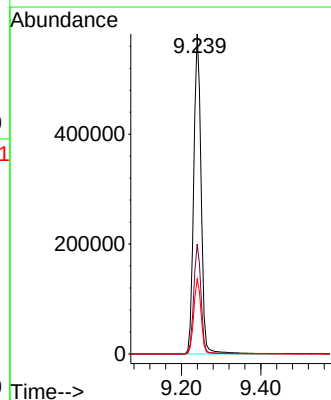
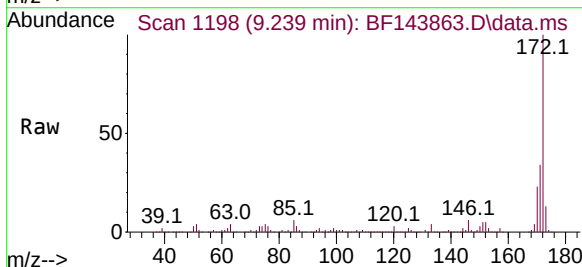
Tgt Ion:172 Resp: 757353

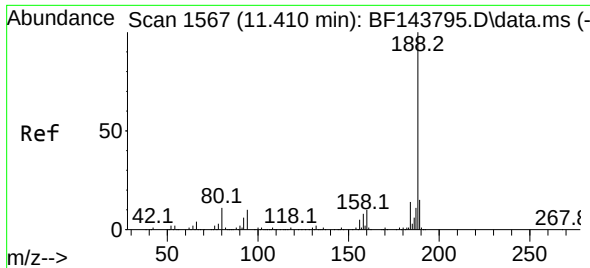
Ion Ratio Lower Upper

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171 34.3 27.9 41.9

170 23.4 19.1 28.7

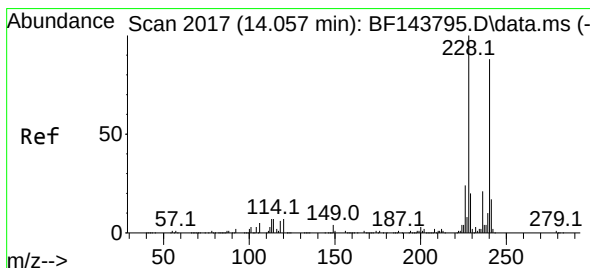
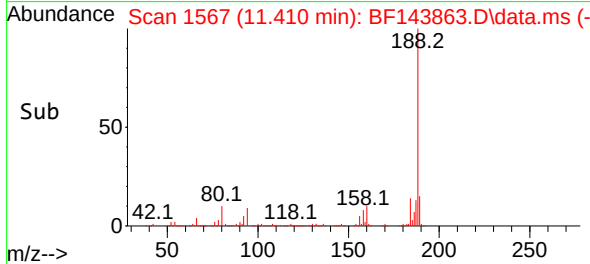
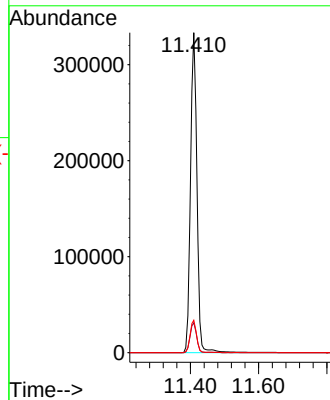
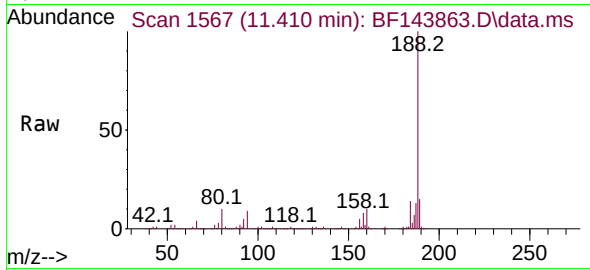




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

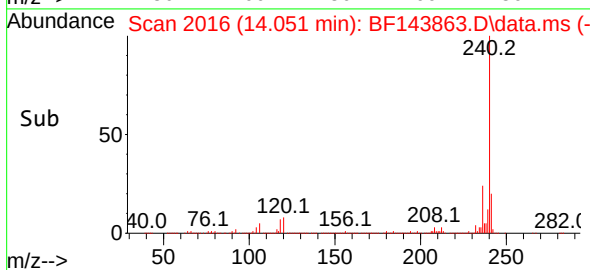
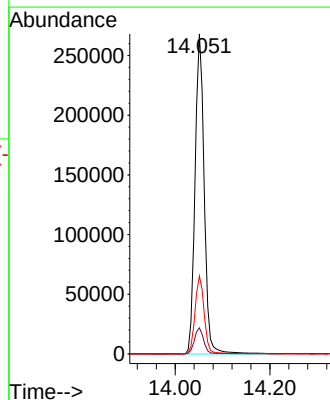
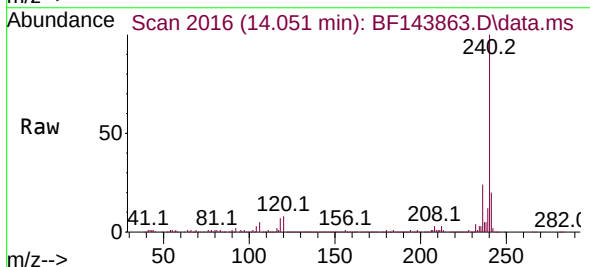
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

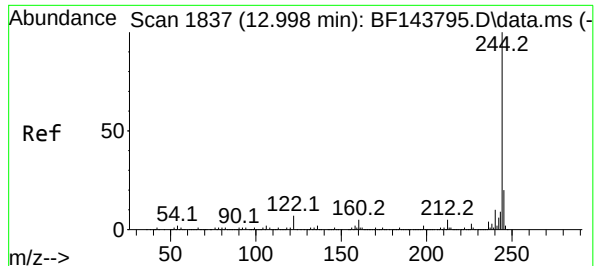
Tgt Ion:188 Resp: 433428
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 10.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143863.D
Acq: 02 Oct 2025 19:09

Tgt Ion:240 Resp: 360731
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.4
236 24.4 19.4 29.2





#79

Terphenyl-d14

Concen: 58.091 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143863.D

Acq: 02 Oct 2025 19:09

Instrument :

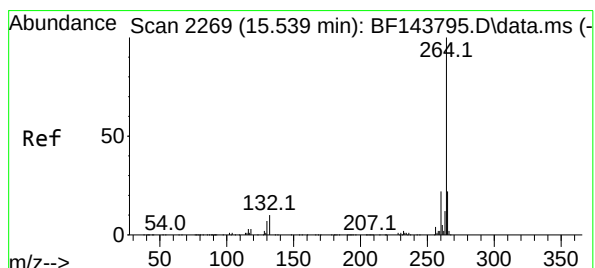
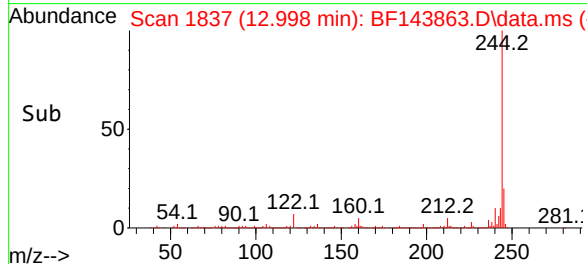
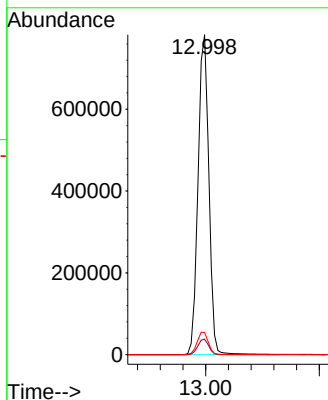
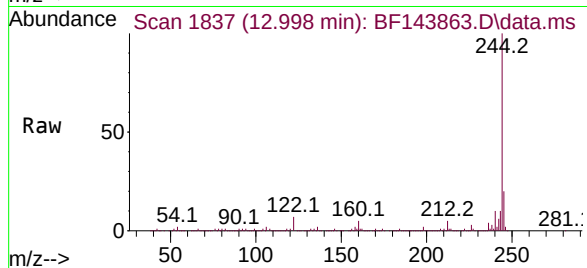
BNA_F

ClientSampleId :

ENV-3-6FT

Tgt Ion:244 Resp: 1030370

Ion	Ratio	Lower	Upper
244	100		
212	4.8	3.9	5.9
122	6.9	5.6	8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

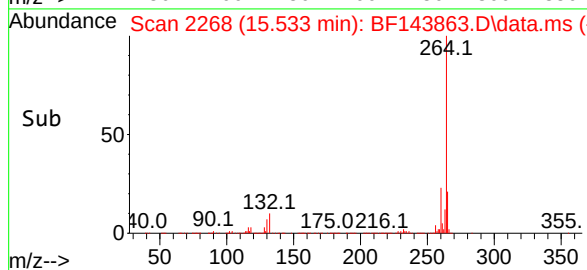
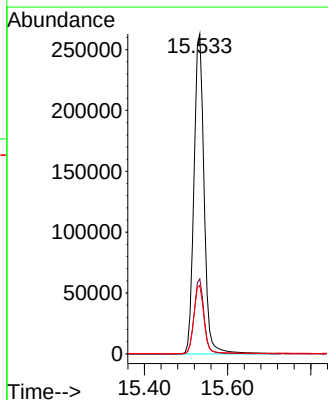
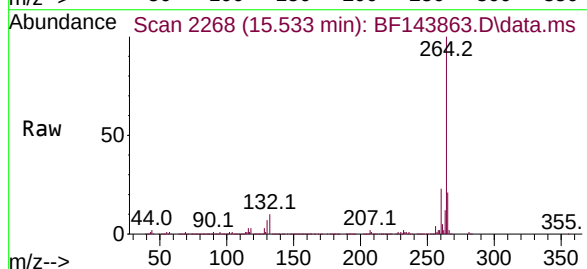
Delta R.T. -0.006 min

Lab File: BF143863.D

Acq: 02 Oct 2025 19:09

Tgt Ion:264 Resp: 444342

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	21.4	17.7	26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143863.D
Acq On : 02 Oct 2025 19:09
Operator : RC/JU
Sample : Q3266-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143863.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	484	494	504	rVB2	22997	50182	2.09%	0.279%
2	5.498	556	562	567	rBV	1595206	2159540	89.81%	11.986%
3	6.498	726	732	746	rBV	1487045	2040066	84.84%	11.323%
4	6.881	792	797	803	rVB	596811	761018	31.65%	4.224%
5	7.440	886	892	903	rBV	1009832	1325287	55.12%	7.356%
6	8.163	1010	1015	1033	rVB	766632	997505	41.49%	5.537%
7	9.239	1192	1198	1209	rBV	1643687	2099100	87.30%	11.651%
8	9.922	1309	1314	1327	rVB	855771	1074102	44.67%	5.962%
9	10.633	1430	1435	1442	rBV	173532	219449	9.13%	1.218%
10	10.710	1442	1448	1464	rVV	1044520	1465459	60.95%	8.134%
11	10.828	1465	1468	1479	rVV2	10896	33476	1.39%	0.186%
12	10.945	1483	1488	1493	rVB	23661	31110	1.29%	0.173%
13	11.410	1562	1567	1574	rBV	815159	1055202	43.88%	5.857%
14	11.933	1650	1656	1668	rBV2	103437	184271	7.66%	1.023%
15	12.622	1769	1773	1783	rBV	19473	35007	1.46%	0.194%
16	12.998	1831	1837	1849	rBV	1807413	2404477	100.00%	13.346%
17	13.904	1986	1991	2007	rBV2	46605	150389	6.25%	0.835%
18	14.051	2011	2016	2027	rVB	648153	895199	37.23%	4.969%
19	15.533	2261	2268	2282	rVB	601749	1035654	43.07%	5.748%

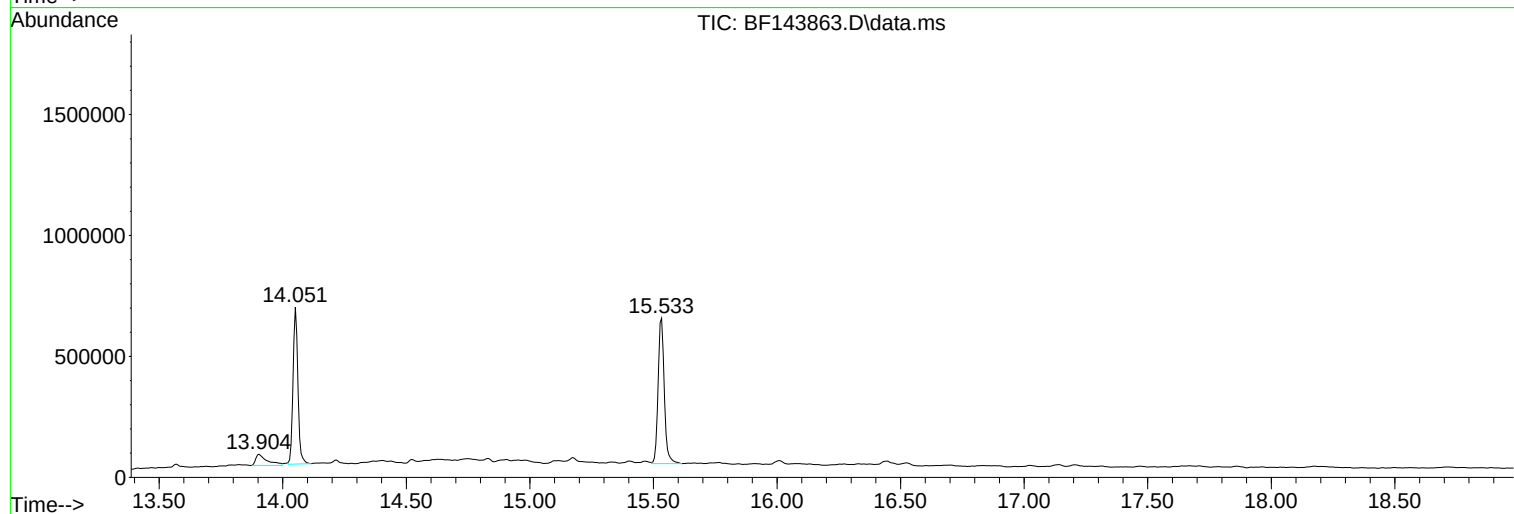
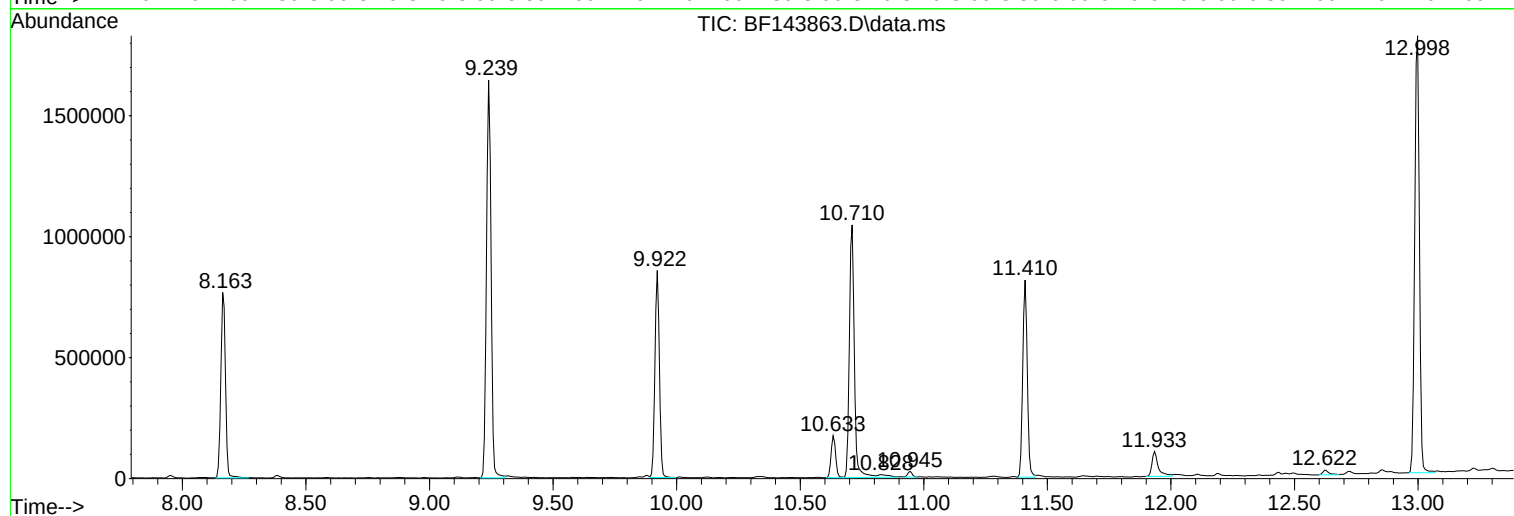
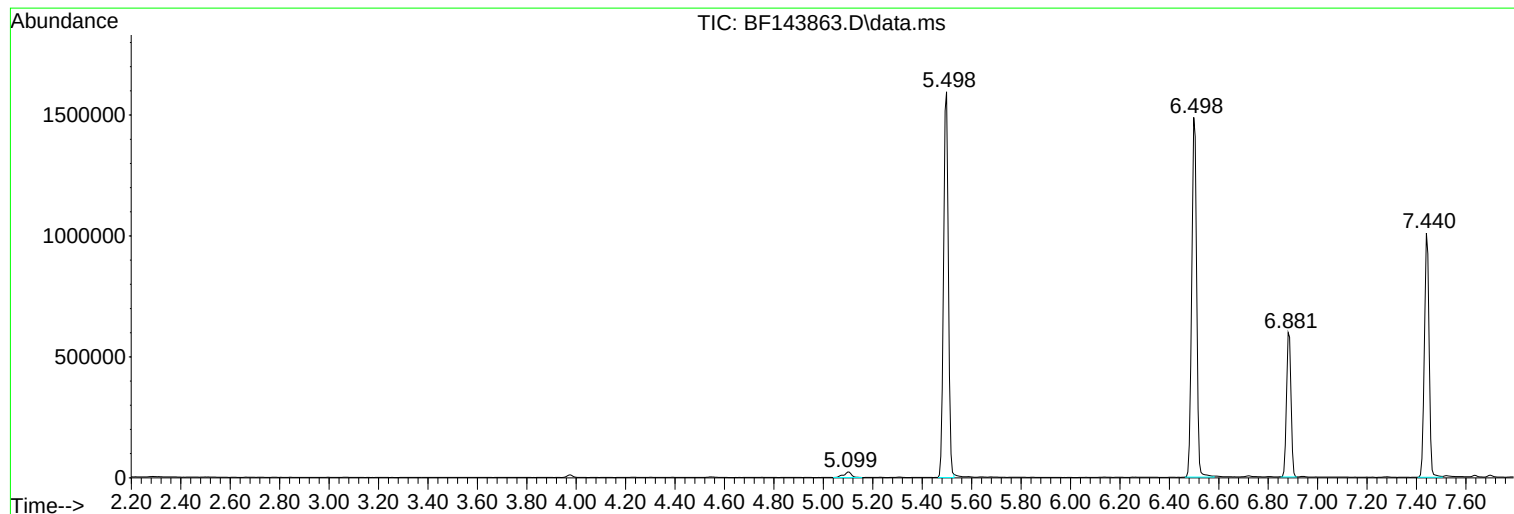
Sum of corrected areas: 18016493

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143863.D
Acq On : 02 Oct 2025 19:09
Operator : RC/JU
Sample : Q3266-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143863.D
Acq On : 02 Oct 2025 19:09
Operator : RC/JU
Sample : Q3266-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

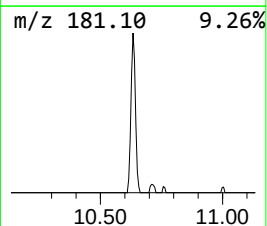
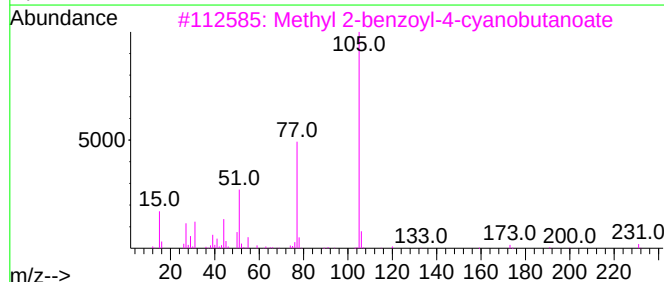
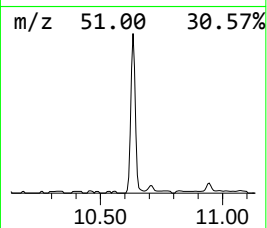
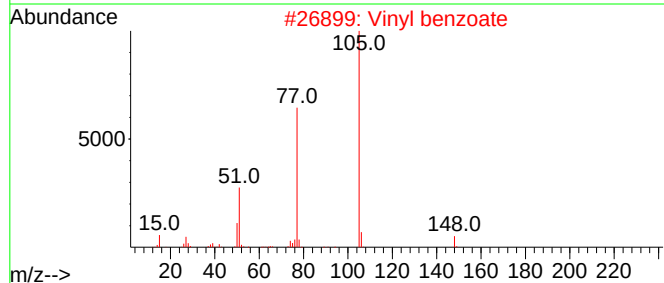
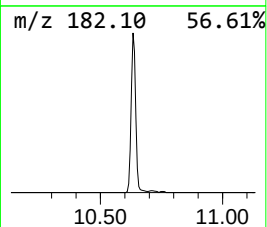
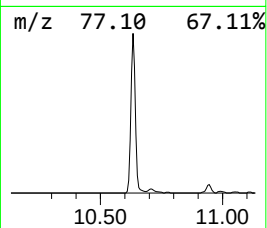
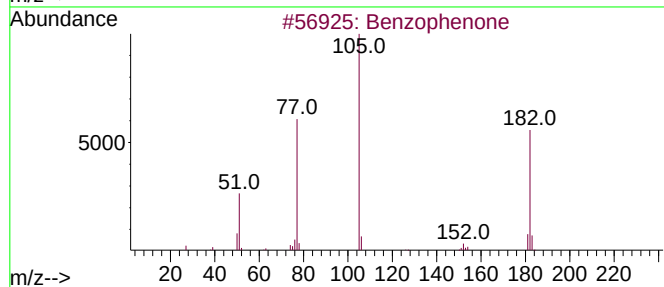
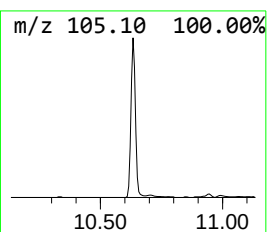
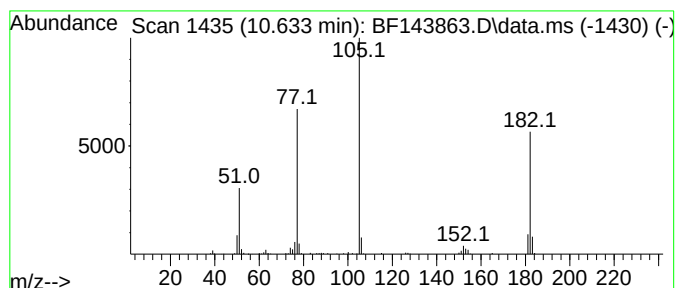
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	4.09 ng	219449	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Vinyl benzoate	148	C9H8O2	000769-78-8	47
3			Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47
4			2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143863.D
Acq On : 02 Oct 2025 19:09
Operator : RC/JU
Sample : Q3266-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

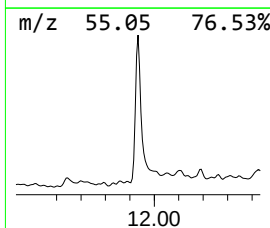
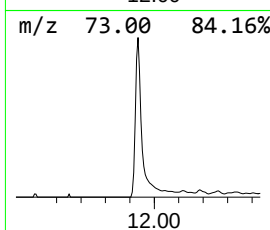
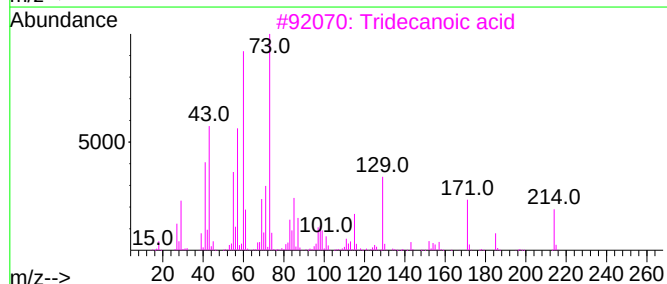
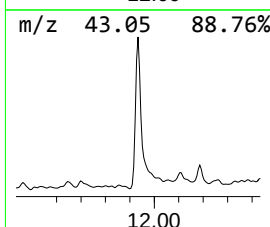
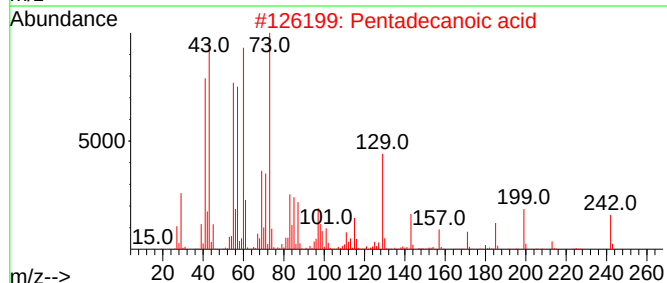
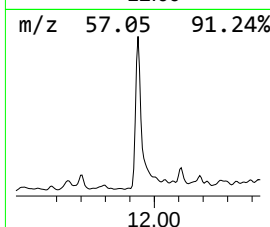
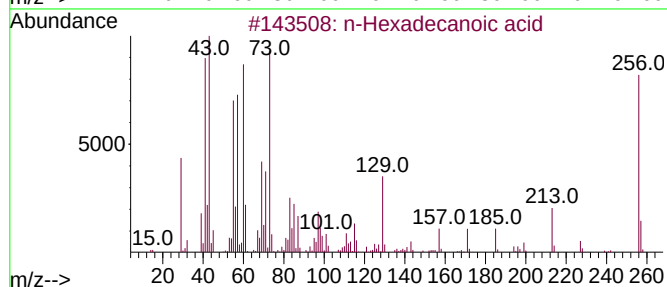
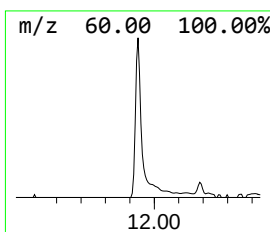
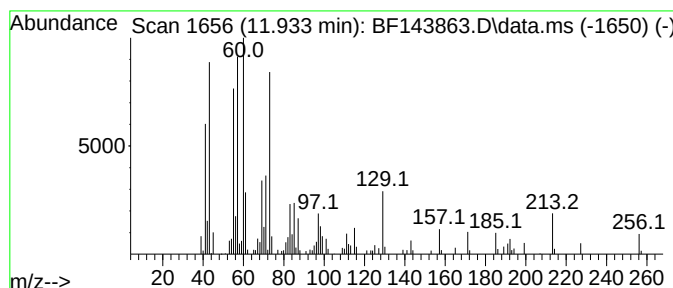
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.49 ng	184271	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Octanoic acid	144	C8H16O2	000124-07-2	58
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143863.D
Acq On : 02 Oct 2025 19:09
Operator : RC/JU
Sample : Q3266-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

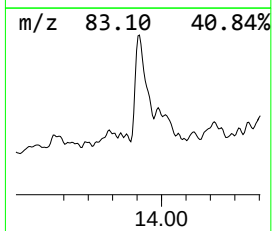
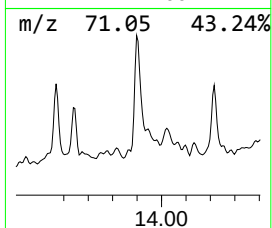
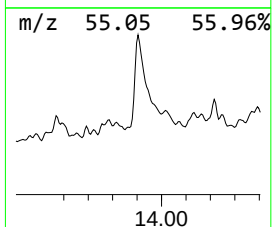
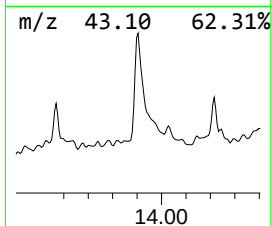
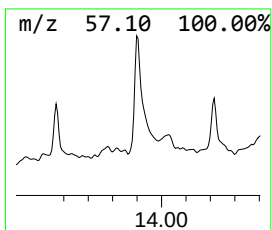
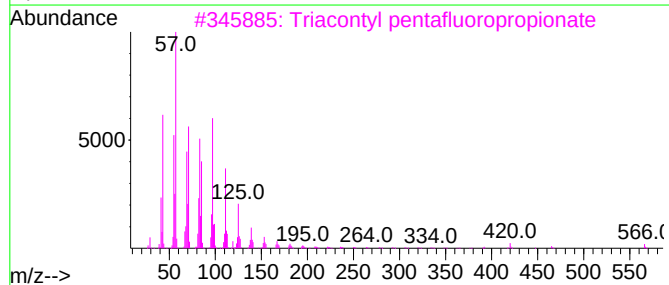
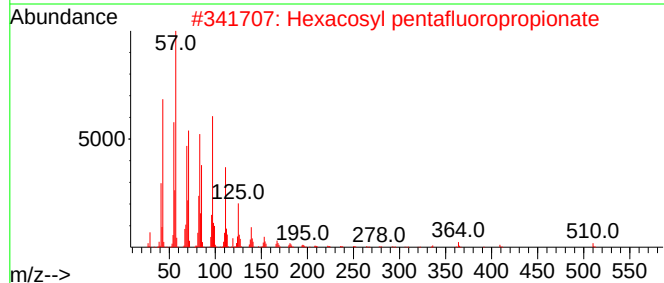
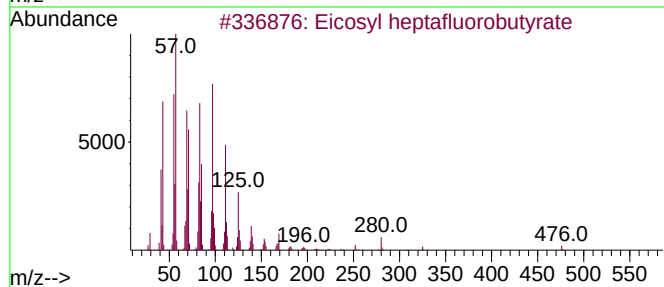
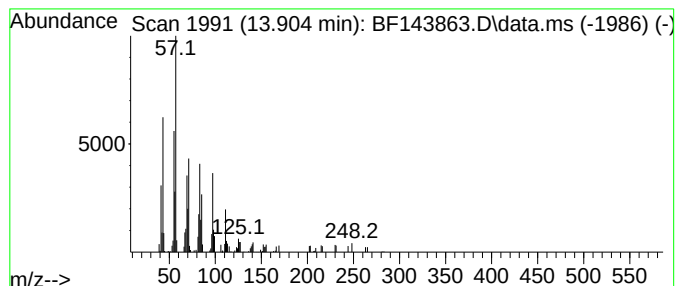
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Eicosyl heptafluorobutyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.36 ng	150389	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
2			Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
3			Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91
4			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143863.D
Acq On : 02 Oct 2025 19:09
Operator : RC/JU
Sample : Q3266-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.634	4.1	ng	219449	3	9.922	1074100	20.0
n-Hexadecanoic ...	11.933	3.5	ng	184271	4	11.410	1055200	20.0
Eicosyl heptafl...	13.904	3.4	ng	150389	5	14.051	895199	20.0

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	380	ug/Kg
108-95-2	Phenol	25.4	U	25.4	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27.9	U	27.9	200	ug/Kg
95-57-8	2-Chlorophenol	28.0	U	28.0	200	ug/Kg
95-48-7	2-Methylphenol	34.3	U	34.3	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43.0	U	43.0	200	ug/Kg
98-86-2	Acetophenone	33.9	U	33.9	200	ug/Kg
65794-96-9	3+4-Methylphenols	47.2	U	47.2	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	54.4	U	54.4	91.8	ug/Kg
67-72-1	Hexachloroethane	20.2	U	20.2	200	ug/Kg
98-95-3	Nitrobenzene	21.0	U	21.0	200	ug/Kg
78-59-1	Isophorone	37.6	U	37.6	200	ug/Kg
88-75-5	2-Nitrophenol	66.8	U	66.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	74.4	U	74.4	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	35.3	U	35.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	32.5	U	32.5	200	ug/Kg
91-20-3	Naphthalene	26.0	U	26.0	200	ug/Kg
106-47-8	4-Chloroaniline	40.6	U	40.6	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.0	U	29.0	200	ug/Kg
105-60-2	Caprolactam	59.8	U	59.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32.9	U	32.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	29.4	U	29.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	22.7	U	22.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33.4	U	33.4	200	ug/Kg
92-52-4	1,1-Biphenyl	25.0	U	25.0	200	ug/Kg
91-58-7	2-Chloronaphthalene	25.8	U	25.8	200	ug/Kg
88-74-4	2-Nitroaniline	55.2	U	55.2	200	ug/Kg
131-11-3	Dimethylphthalate	31.1	U	31.1	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	33.2	U	33.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	38.6	U	38.6	200	ug/Kg
99-09-2	3-Nitroaniline	52.8	U	52.8	200	ug/Kg
83-32-9	Acenaphthene	24.4	U	24.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	380	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	380	ug/Kg
132-64-9	Dibenzofuran	26.0	U	26.0	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.5	U	57.5	200	ug/Kg
84-66-2	Diethylphthalate	32.5	U	32.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30.6	U	30.6	200	ug/Kg
86-73-7	Fluorene	29.0	U	29.0	200	ug/Kg
100-01-6	4-Nitroaniline	73.7	U	73.7	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	37.8	U	37.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31.9	U	31.9	200	ug/Kg
118-74-1	Hexachlorobenzene	29.0	U	29.0	200	ug/Kg
1912-24-9	Atrazine	39.0	U	39.0	200	ug/Kg
87-86-5	Pentachlorophenol	58.9	U	58.9	380	ug/Kg
85-01-8	Phenanthrene	24.0	U	24.0	200	ug/Kg
120-12-7	Anthracene	38.2	U	38.2	200	ug/Kg
86-74-8	Carbazole	35.8	U	35.8	200	ug/Kg
84-74-2	Di-n-butylphthalate	55.0	U	55.0	200	ug/Kg
206-44-0	Fluoranthene	34.4	U	34.4	200	ug/Kg
129-00-0	Pyrene	41.3	U	41.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	81.9	U	81.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	42.1	U	42.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	26.4	U	26.4	200	ug/Kg
218-01-9	Chrysene	22.8	U	22.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.9	U	67.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	99.6	U	99.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	21.8	U	21.8	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	25.7	U	25.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	33.9	U	33.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33.4	U	33.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31.4	U	31.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29.5	U	29.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	29.4	UQ	29.4	200	ug/Kg
123-91-1	1,4-Dioxane	51.9	U	51.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31.4	U	31.4	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.3		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	84.4		15 - 107	56%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.4		18 - 107	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	56.4		20 - 109	56%	SPK: 100
118-79-6	2,4,6-Tribromophenol	78.6		10 - 116	52%	SPK: 150
1718-51-0	Terphenyl-d14	56.8		10 - 105	57%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	95100	6.881			
1146-65-2	Naphthalene-d8	368000	8.163			
15067-26-2	Acenaphthene-d10	205000	9.922			
1517-22-2	Phenanthrene-d10	351000	11.41			
1719-03-5	Chrysene-d12	206000	14.057			
1520-96-3	Perylene-d12	264000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000119-61-9	Benzophenone	210	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	390	J		11.9	ug/Kg
000506-51-4	n-Tetracosanol-1	190	J		13.9	ug/Kg
000646-31-1	Tetracosane	130	J		16.0	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-4-6FT	SDG No.:	Q3266
Lab Sample ID:	Q3266-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143899.D	1	10/06/25 09:15	10/08/25 17:07	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143899.D
Acq On : 08 Oct 2025 17:07
Operator : RC/JU
Sample : Q3266-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

Quant Time: Oct 08 17:28:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	95054	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	368458	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	204631	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	351450	20.000	ng	0.00
76) Chrysene-d12	14.057	240	205903	20.000	ng	-0.01
86) Perylene-d12	15.533	264	263892	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	498414	83.266	ng	0.00
7) Phenol-d6	6.498	99	602460	84.439	ng	-0.02
23) Nitrobenzene-d5	7.440	82	366542	60.439	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	160278	78.638	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	727899	56.442	ng	-0.01
79) Terphenyl-d14	12.998	244	684348	56.804	ng	-0.01

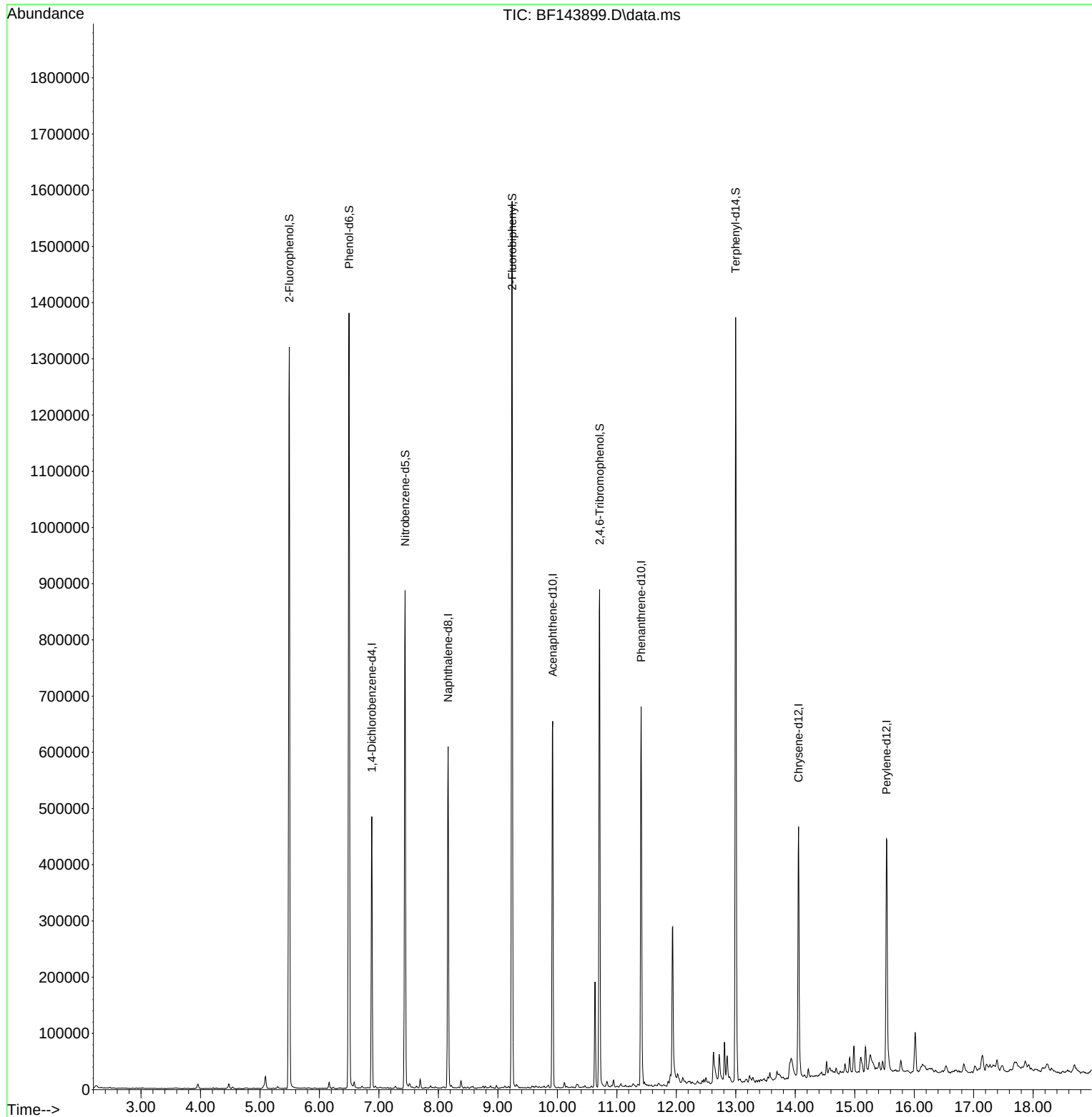
Target Compounds	Qvalue
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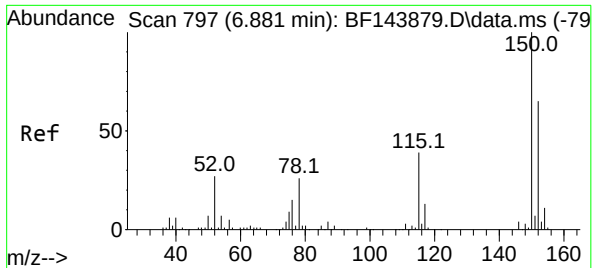
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143899.D
Acq On : 08 Oct 2025 17:07
Operator : RC/JU
Sample : Q3266-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

Quant Time: Oct 08 17:28:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

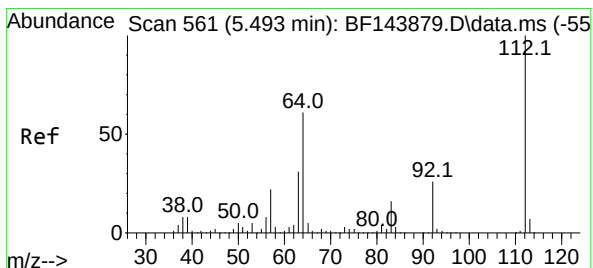
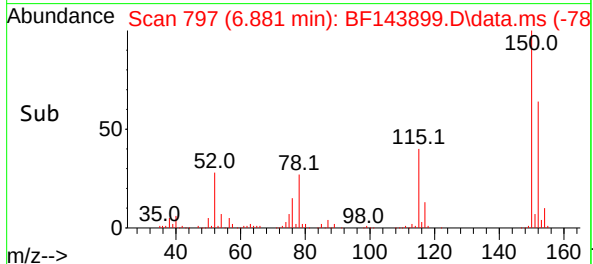
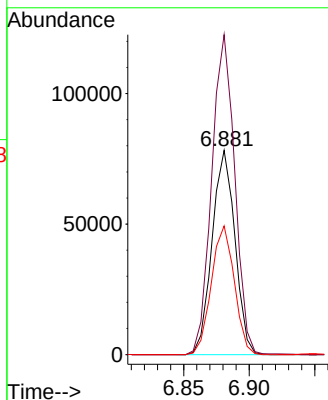
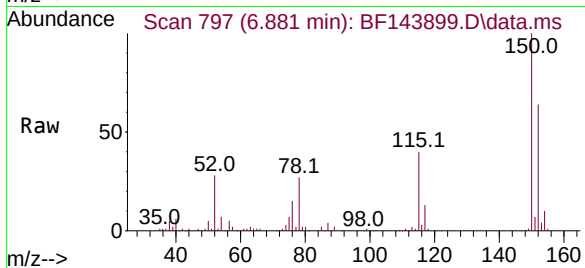




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF143899.D
Acq: 08 Oct 2025 17:07

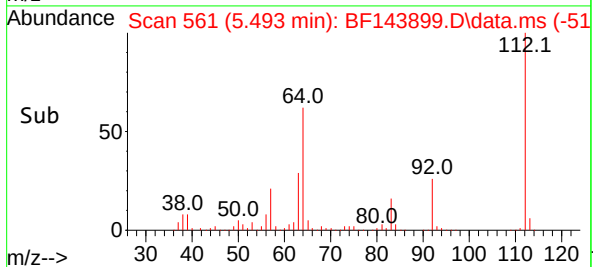
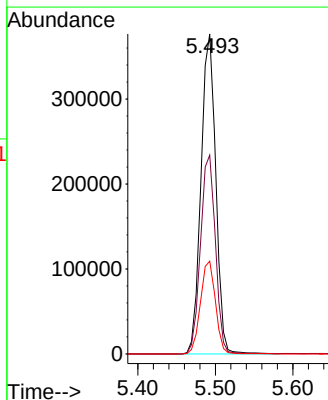
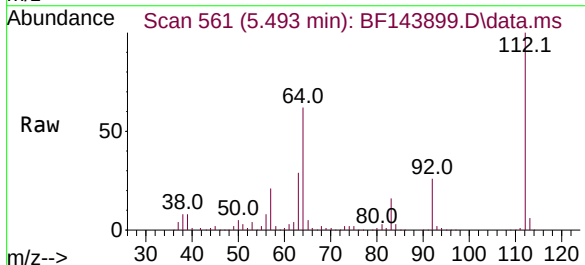
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

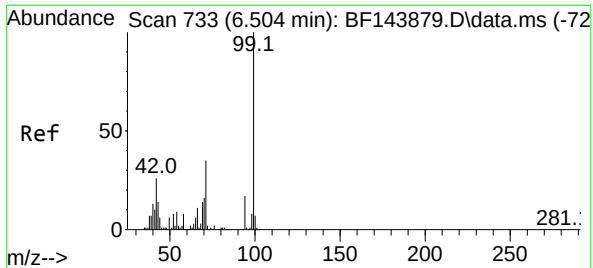
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.4	186.6
115	63.0	48.1	72.1



#5
2-Fluorophenol
Concen: 83.266 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143899.D
Acq: 08 Oct 2025 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.1	73.7
63	29.0	24.5	36.7

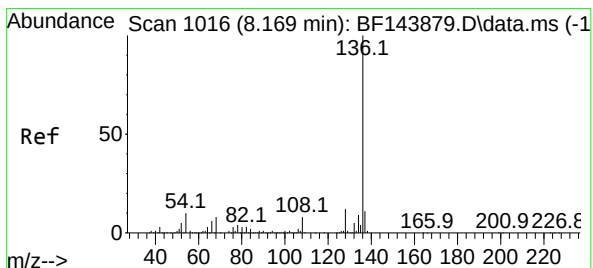
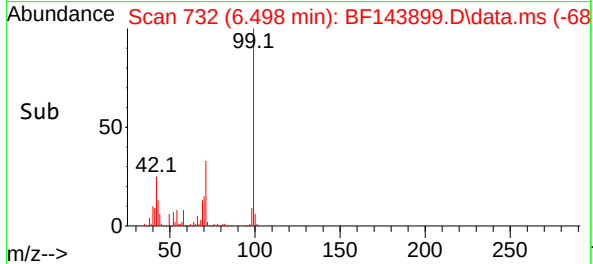
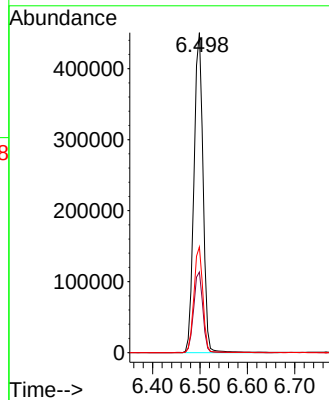
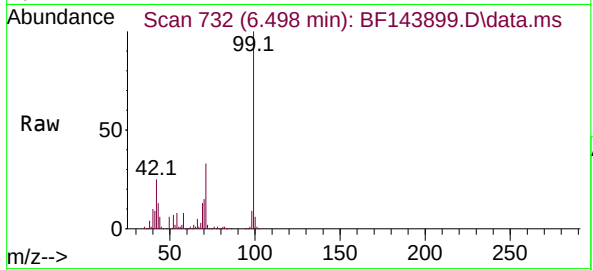




#7
Phenol-d6
Concen: 84.439 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.017 min
Lab File: BF143899.D
Acq: 08 Oct 2025 17:07

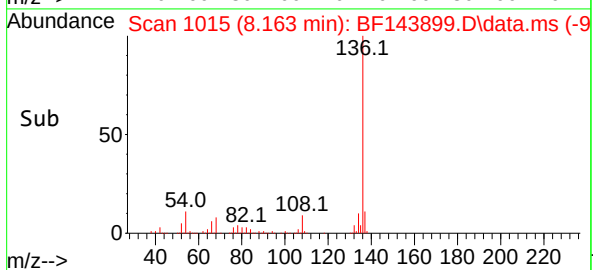
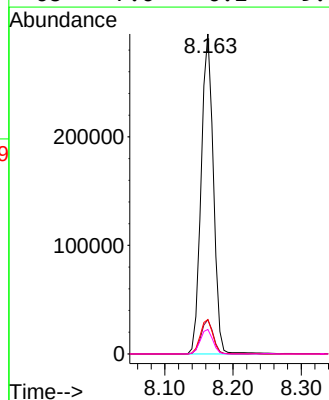
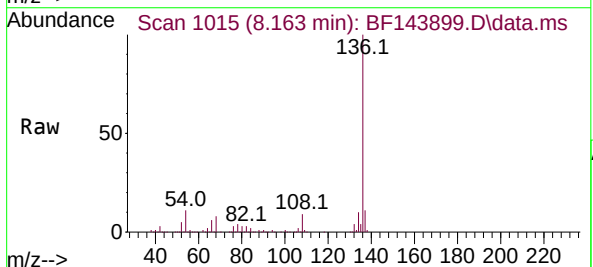
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

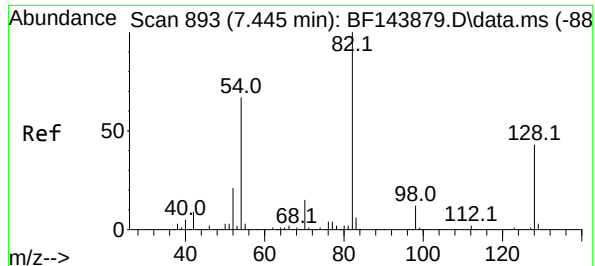
Tgt Ion: 99 Resp: 602460
Ion Ratio Lower Upper
99 100
42 25.2 21.0 31.4
71 33.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143899.D
Acq: 08 Oct 2025 17:07

Tgt Ion: 136 Resp: 368458
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.7 8.2 12.4
68 7.6 6.2 9.4





#23

Nitrobenzene-d5

Concen: 60.439 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF143899.D

Acq: 08 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

ENV-4-6FT

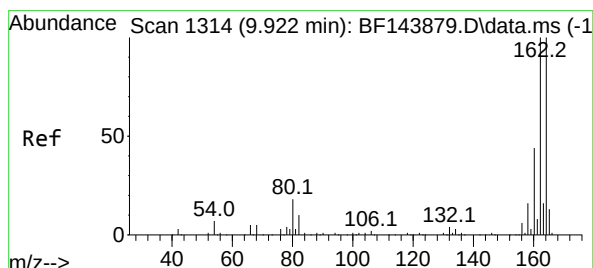
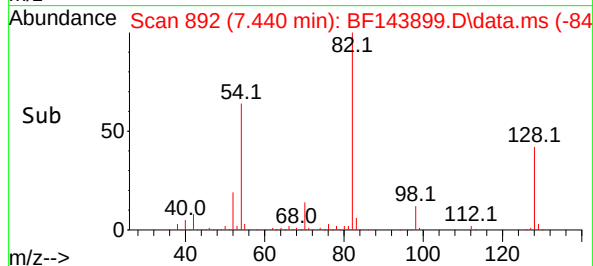
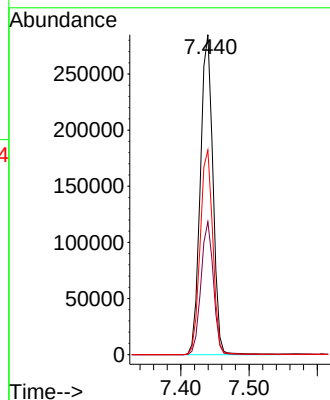
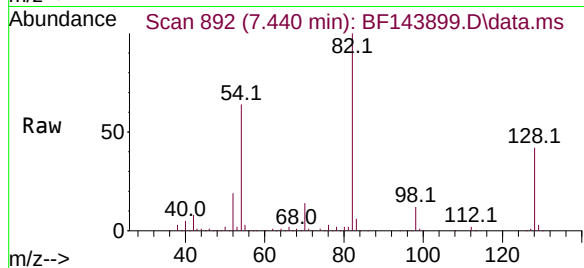
Tgt Ion: 82 Resp: 366542

Ion Ratio Lower Upper

82 100

128 41.5 34.0 51.0

54 63.9 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143899.D

Acq: 08 Oct 2025 17:07

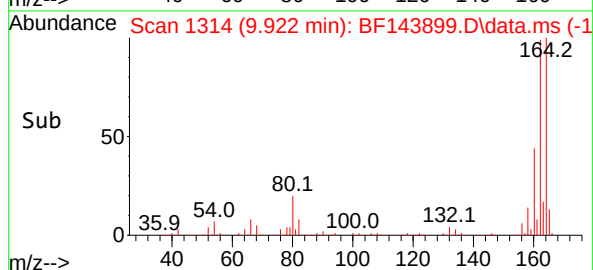
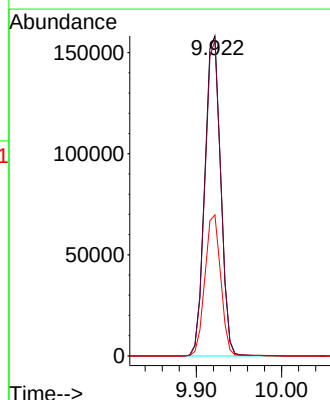
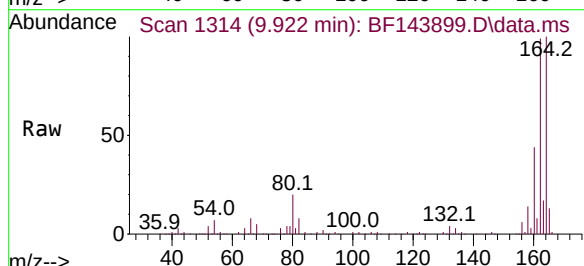
Tgt Ion: 164 Resp: 204631

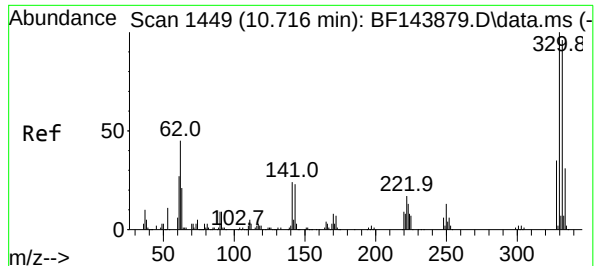
Ion Ratio Lower Upper

164 100

162 98.6 80.2 120.2

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 78.638 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF143899.D

Acq: 08 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

ENV-4-6FT

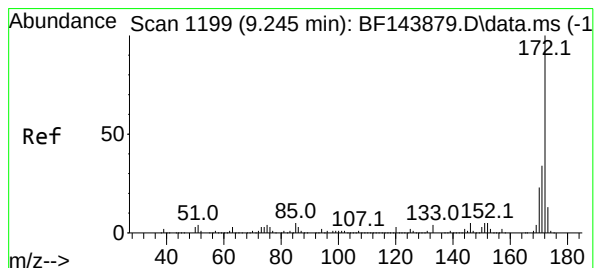
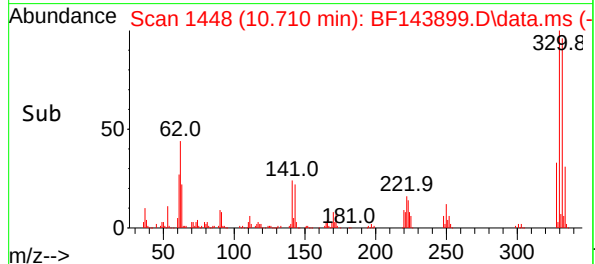
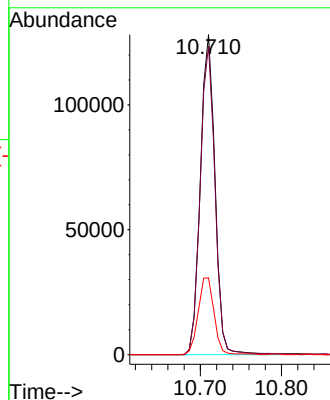
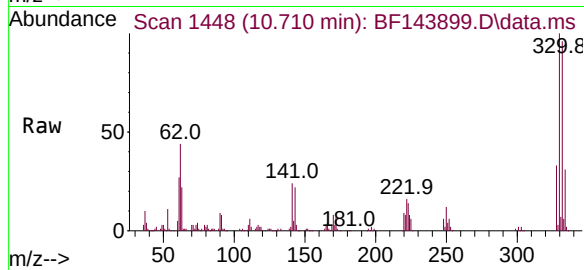
Tgt Ion:330 Resp: 160278

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

141 26.1 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 56.442 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143899.D

Acq: 08 Oct 2025 17:07

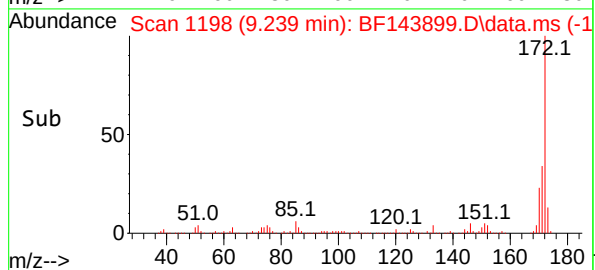
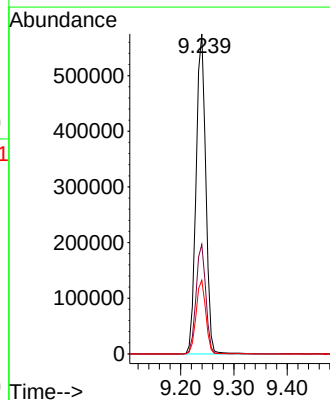
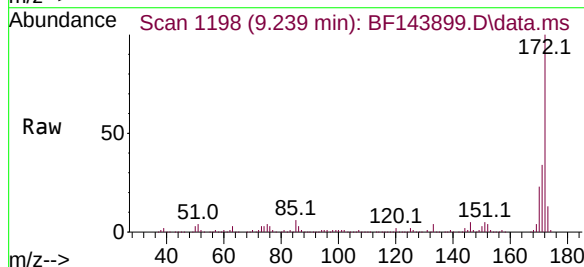
Tgt Ion:172 Resp: 727899

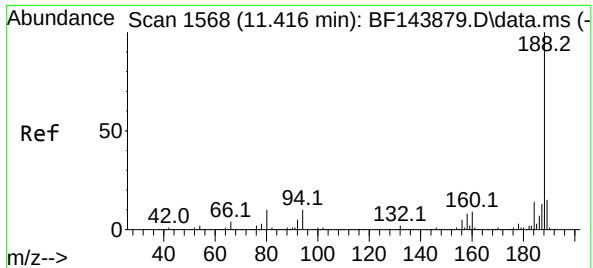
Ion Ratio Lower Upper

172 100

171 34.2 27.4 41.0

170 23.0 18.6 28.0

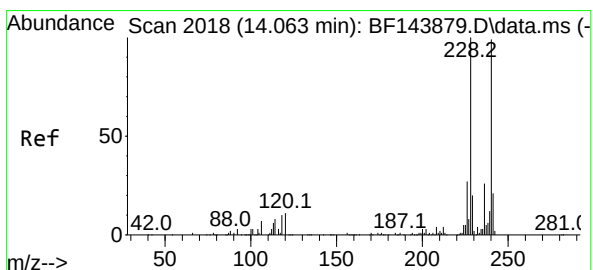
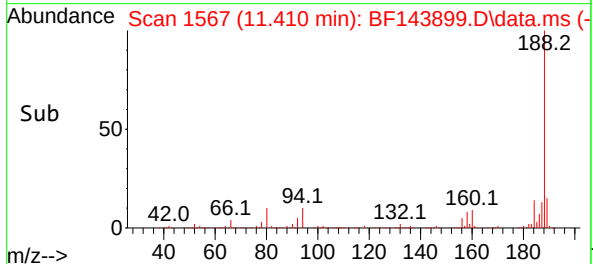
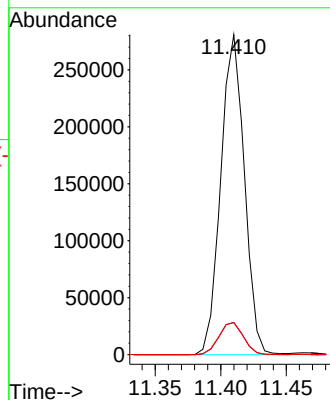
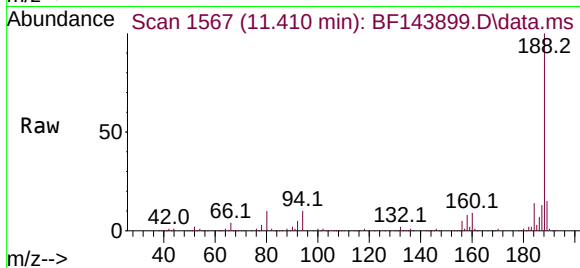




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143899.D
Acq: 08 Oct 2025 17:07

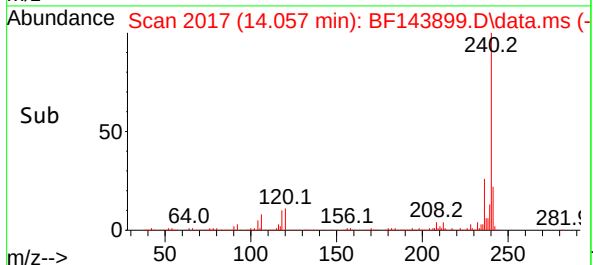
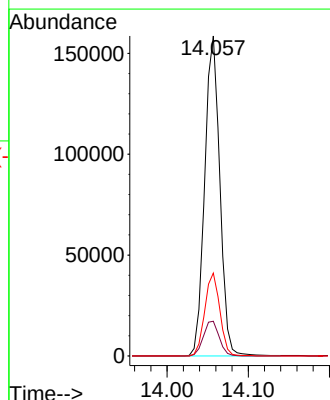
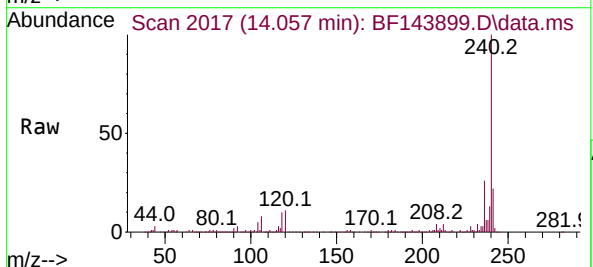
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

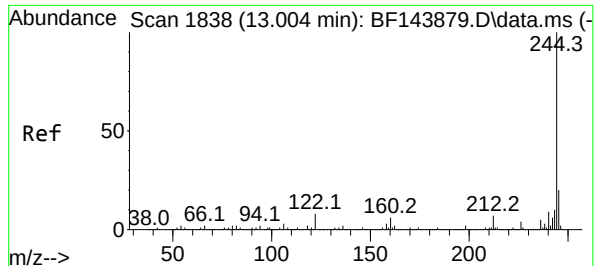
Tgt Ion:188 Resp: 351450
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143899.D
Acq: 08 Oct 2025 17:07

Tgt Ion:240 Resp: 205903
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.9 21.1 31.7





#79

Terphenyl-d14

Concen: 56.804 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF143899.D

Acq: 08 Oct 2025 17:07

Instrument :

BNA_F

ClientSampleId :

ENV-4-6FT

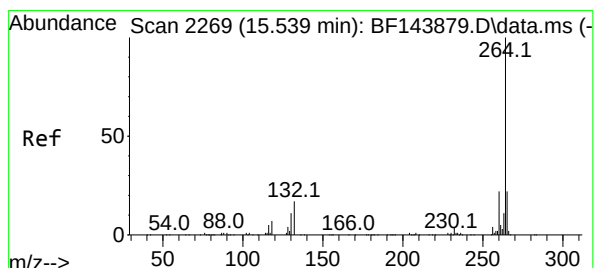
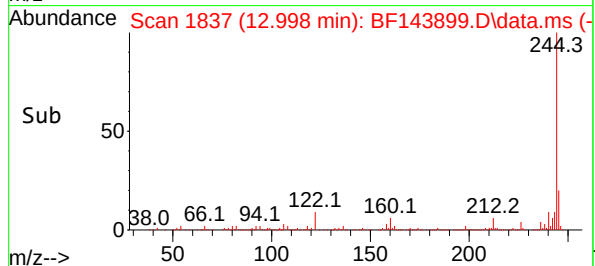
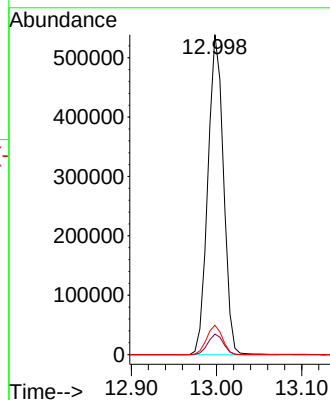
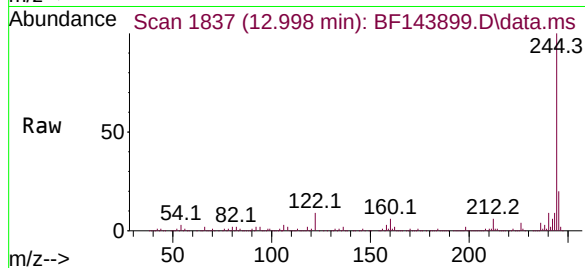
Tgt Ion:244 Resp: 684348

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 9.2 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.012 min

Lab File: BF143899.D

Acq: 08 Oct 2025 17:07

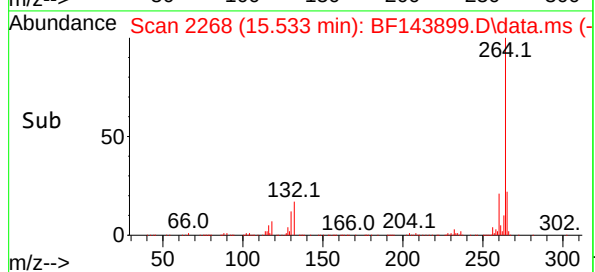
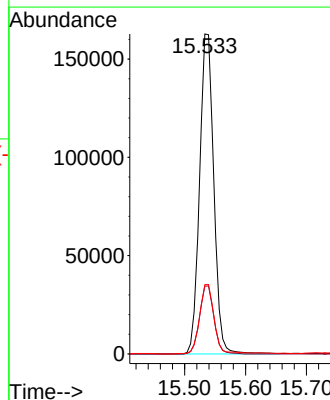
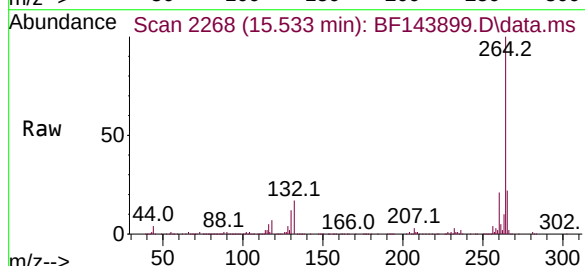
Tgt Ion:264 Resp: 263892

Ion Ratio Lower Upper

264 100

260 21.2 17.8 26.8

265 21.6 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143899.D
 Acq On : 08 Oct 2025 17:07
 Operator : RC/JU
 Sample : Q3266-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-4-6FT

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143899.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	477	493	500	rBV2	21723	45624	2.28%	0.283%
2	5.493	555	561	566	rBV	1318625	1747951	87.41%	10.841%
3	6.498	726	732	743	rBV	1377812	1836828	91.85%	11.392%
4	6.881	792	797	802	rBV	482529	591992	29.60%	3.672%
5	7.440	886	892	897	rBV	885295	1131092	56.56%	7.015%
6	7.693	931	935	942	rVB	15591	20369	1.02%	0.126%
7	8.163	1009	1015	1022	rBV	607016	759672	37.99%	4.711%
8	9.239	1192	1198	1203	rBV	1577601	1999748	100.00%	12.402%
9	9.922	1308	1314	1319	rBV	651567	848126	42.41%	5.260%
10	10.634	1429	1435	1442	rBV	187221	229527	11.48%	1.424%
11	10.710	1442	1448	1461	rBV	885331	1176239	58.82%	7.295%
12	11.410	1561	1567	1574	rBV	674041	880326	44.02%	5.460%
13	11.939	1652	1657	1668	rVV	277505	453367	22.67%	2.812%
14	12.022	1668	1671	1681	rVB5	15286	31464	1.57%	0.195%
15	12.628	1769	1774	1785	rBV	54538	126041	6.30%	0.782%
16	12.722	1786	1790	1801	rVB3	46331	78104	3.91%	0.484%
17	12.810	1801	1805	1809	rBV	66051	84084	4.20%	0.521%
18	12.857	1809	1813	1818	rVB	38532	55937	2.80%	0.347%
19	12.998	1832	1837	1845	rBV	1357790	1784002	89.21%	11.064%
20	13.233	1873	1877	1883	rBV6	11238	23340	1.17%	0.145%
21	13.575	1931	1935	1944	rVB3	13148	22934	1.15%	0.142%
22	13.933	1987	1996	2009	rBV4	36172	155676	7.78%	0.965%
23	14.057	2011	2017	2026	rVB	442177	618968	30.95%	3.839%
24	14.222	2041	2045	2050	rBV2	14617	20456	1.02%	0.127%
25	14.527	2093	2097	2101	rBV	22277	29654	1.48%	0.184%
26	14.839	2146	2150	2157	rVB2	15572	24309	1.22%	0.151%
27	14.916	2159	2163	2168	rVV	26763	39299	1.97%	0.244%
28	14.986	2170	2175	2185	rVB	47262	68650	3.43%	0.426%
29	15.104	2190	2195	2203	rBV	26282	60817	3.04%	0.377%
30	15.180	2204	2208	2215	rBV	43345	66882	3.34%	0.415%
31	15.263	2216	2222	2236	rVB9	25513	94407	4.72%	0.586%
32	15.468	2254	2257	2262	rVV	16321	25755	1.29%	0.160%
33	15.533	2262	2268	2286	rVB	413737	717777	35.89%	4.452%
34	15.774	2305	2309	2317	rVB6	19213	33296	1.67%	0.207%
35	16.016	2344	2350	2360	rVB	70122	125944	6.30%	0.781%
36	16.833	2485	2489	2496	rBV7	12224	22522	1.13%	0.140%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143899.D
Acq On : 08 Oct 2025 17:07
Operator : RC/JU
Sample : Q3266-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.145	2536	2542	2550	rVB3	26647	66425	3.32%	0.412%
38	17.215	2550	2554	2560	rBV8	10823	26314	1.32%	0.163%

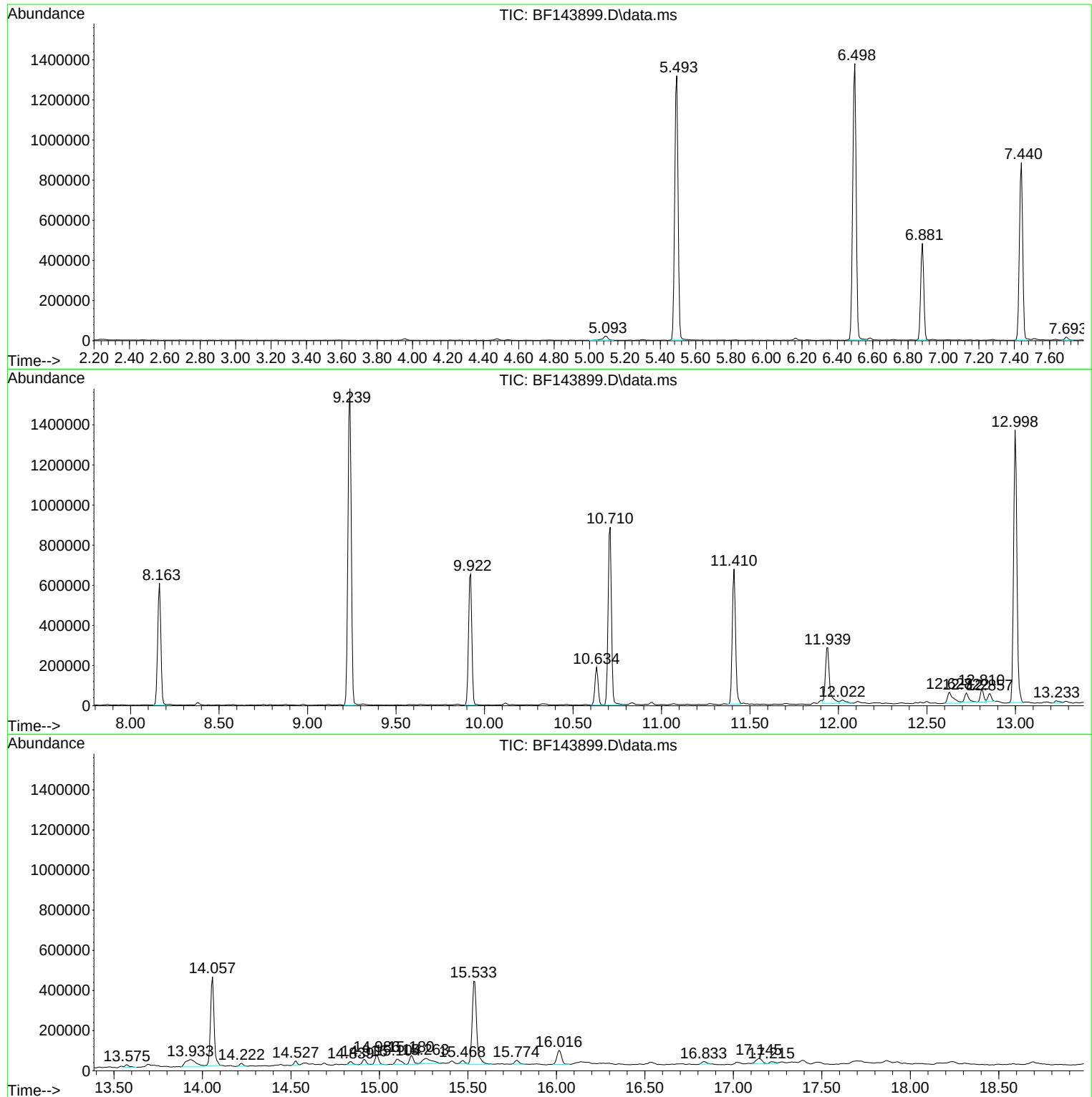
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143899.D
Acq On : 08 Oct 2025 17:07
Operator : RC/JU
Sample : Q3266-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143899.D
Acq On : 08 Oct 2025 17:07
Operator : RC/JU
Sample : Q3266-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

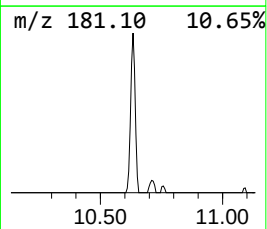
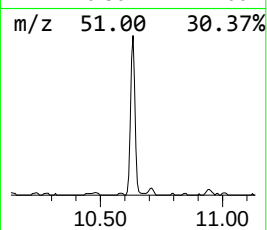
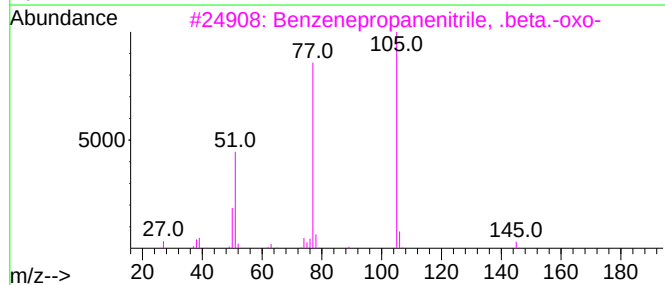
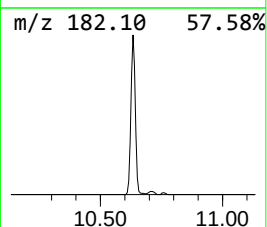
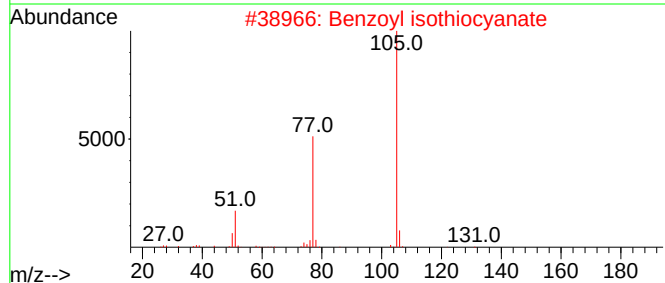
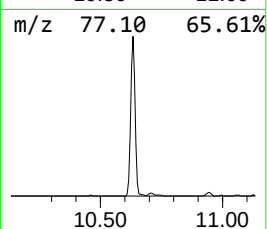
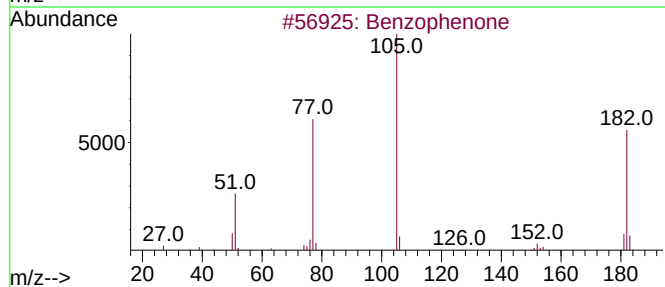
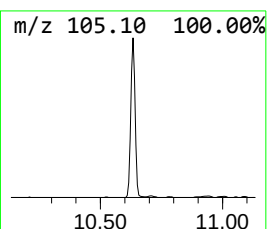
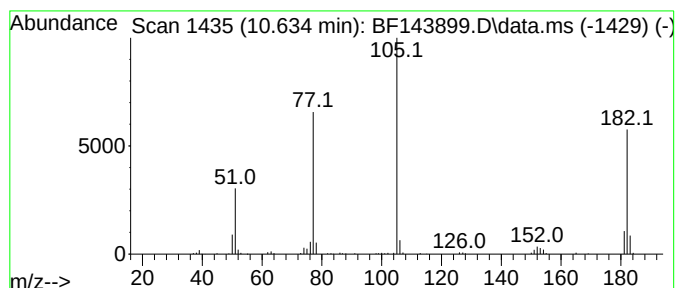
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	5.41 ng	229527	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
3			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47
4			Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	47
5			acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143899.D
Acq On : 08 Oct 2025 17:07
Operator : RC/JU
Sample : Q3266-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

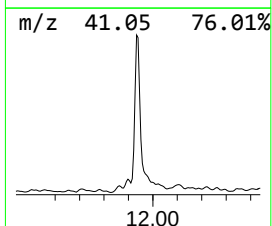
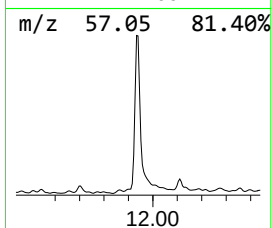
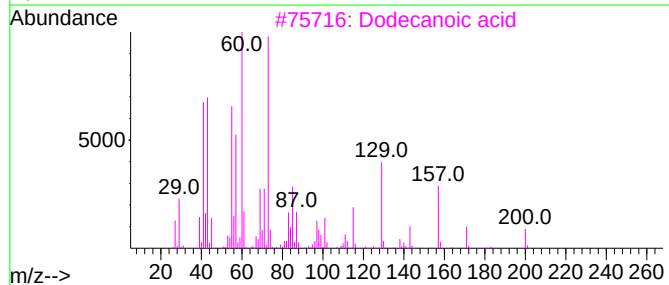
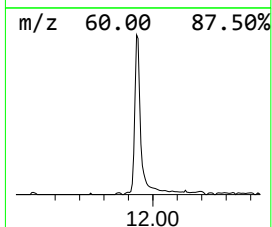
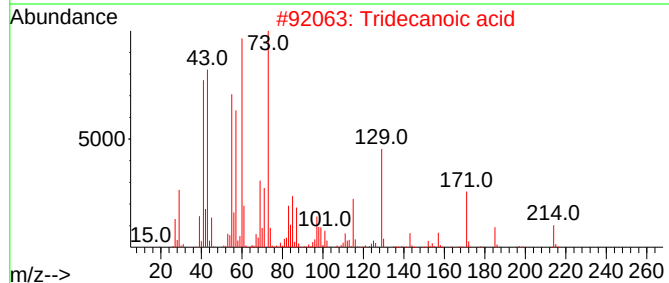
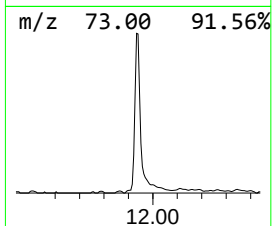
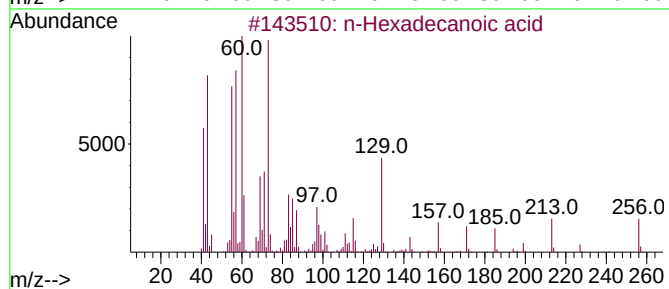
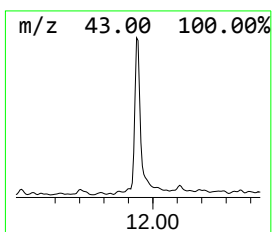
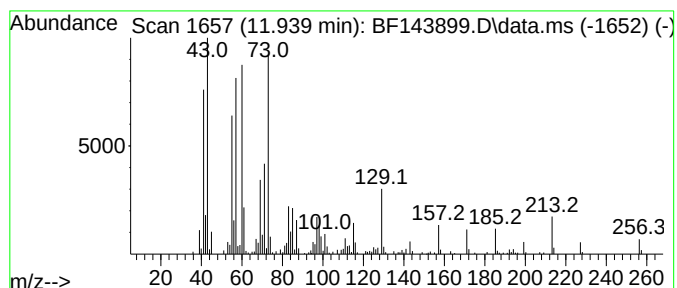
Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.939	10.30 ng	453367	Phenanthrene-d10		11.410	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	95
3	Dodecanoic acid		200	C12H24O2	000143-07-7	93
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	87
5	Undecanoic acid		186	C11H22O2	000112-37-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143899.D
Acq On : 08 Oct 2025 17:07
Operator : RC/JU
Sample : Q3266-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

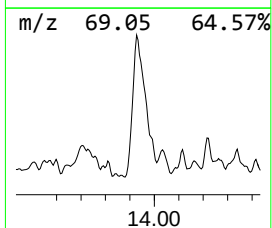
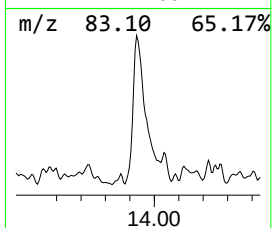
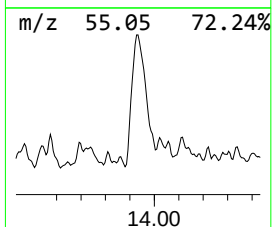
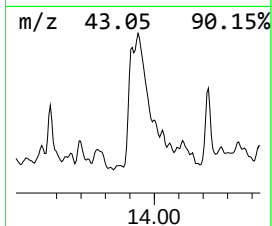
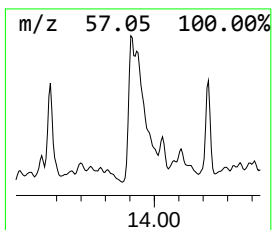
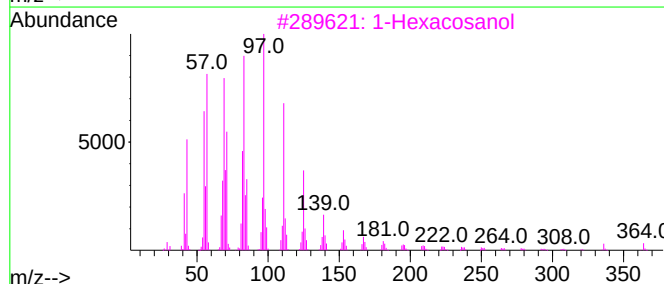
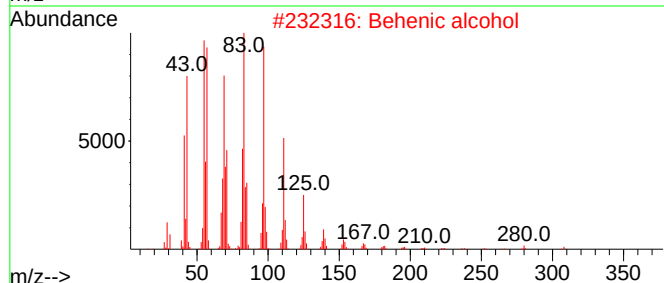
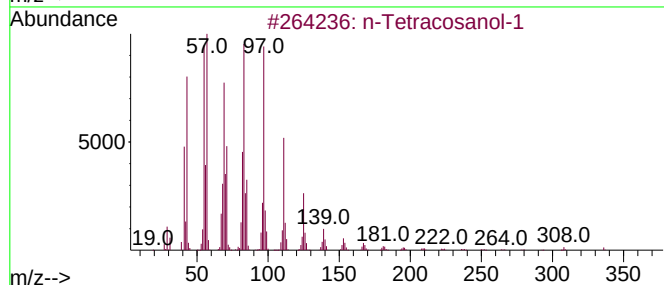
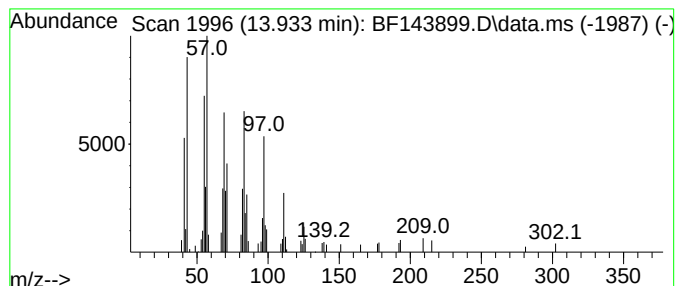
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	5.03 ng	155676	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2			Behenic alcohol	326	C22H46O	000661-19-8	93
3			1-Hexacosanol	382	C26H54O	000506-52-5	91
4			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143899.D
Acq On : 08 Oct 2025 17:07
Operator : RC/JU
Sample : Q3266-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

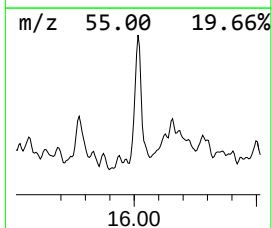
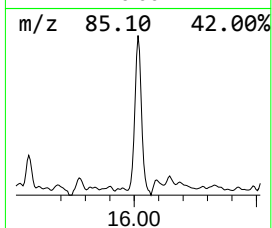
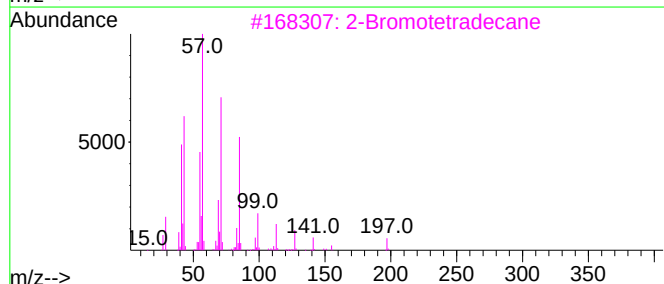
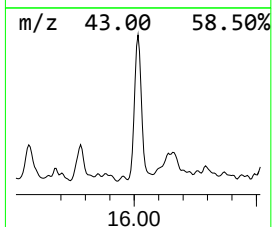
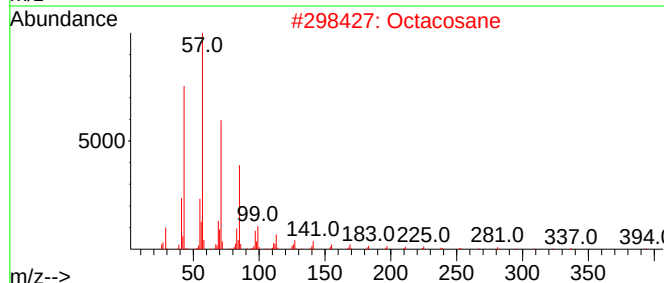
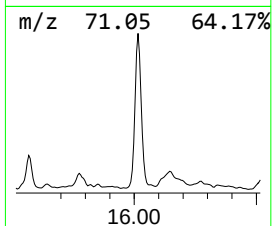
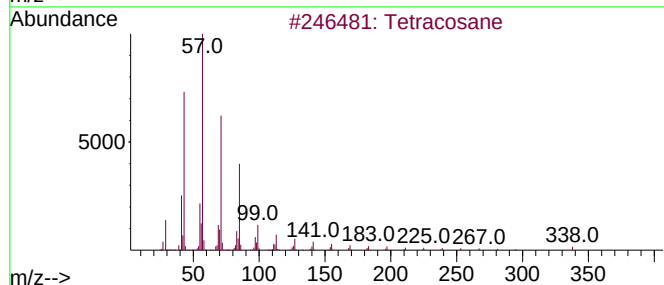
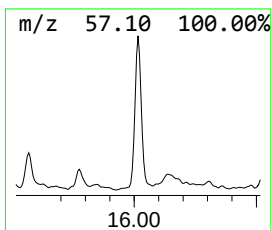
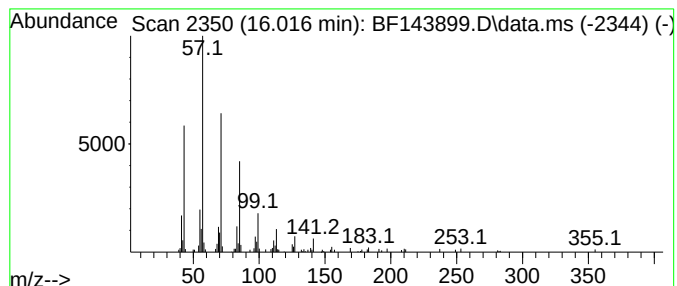
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.015	3.51 ng	125944	Perylene-d12	15.533

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	90
2			Octacosane	394	C28H58	000630-02-4	87
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	87
4			Pentacosane	352	C25H52	000629-99-2	87
5			Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143899.D
Acq On : 08 Oct 2025 17:07
Operator : RC/JU
Sample : Q3266-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-4-6FT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.634	5.4	ng	229527	3	9.922	848126	20.0
n-Hexadecanoic ...	11.939	10.3	ng	453367	4	11.410	880326	20.0
n-Tetracosanol-1	13.933	5.0	ng	155676	5	14.057	618968	20.0
Tetracosane	16.015	3.5	ng	125944	6	15.533	717777	20.0



CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG No.: Q3266Instrument ID: BNA_FCalibration Date(s): 09/23/2025 09/23/2025Calibration Time(s): 10:28 15:27

LAB FILE ID:		RRF2.5 = BF143791.D		RRF005 = BF143792.D		RRF010 = BF143793.D		
		RRF020 = BF143794.D		RRF040 = BF143795.D		RRF050 = BF143796.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol			1.258	1.326	1.329	1.156	1.231	7.1
Benzaldehyde			1.066	0.952	1.467	1.327	1.246	18.8
Phenol-d6			1.507	1.530	1.523	1.336	1.422	7.9
Phenol		1.762	1.708	1.737	1.748	1.534	1.653	7.1
bis(2-Chloroethyl)ether		1.387	1.321	1.347	1.367	1.223	1.296	6.5
2-Chlorophenol		1.304	1.254	1.329	1.335	1.209	1.260	5.5
2-Methylphenol		1.033	0.992	1.009	1.021	0.938	0.976	5.5
2,2-oxybis(1-Chloropropane)		3.320	3.136	3.224	3.231	2.896	3.073	6.9
Acetophenone		0.500	0.466	0.468	0.463	0.401	0.439	10.5
3+4-Methylphenols			1.278	1.256	1.271	1.137	1.185	8.6
n-Nitroso-di-n-propylamine	1.078	0.991	0.932	0.926	0.914	0.842	0.915	10.3
Nitrobenzene-d5			0.309	0.339	0.353	0.322	0.327	5.4
Hexachloroethane		0.555	0.512	0.543	0.543	0.482	0.514	6.6
Nitrobenzene		0.362	0.354	0.369	0.389	0.357	0.362	4.0
Isophorone		0.667	0.636	0.649	0.673	0.624	0.637	5.1
2-Nitrophenol		0.089	0.104	0.125	0.148	0.150	0.132	20.1
2,4-Dimethylphenol		0.292	0.280	0.291	0.303	0.280	0.285	4.6
bis(2-Chloroethoxy)methane		0.455	0.430	0.430	0.437	0.393	0.414	8.0
2,4-Dichlorophenol		0.277	0.286	0.288	0.298	0.273	0.280	4.4
Naphthalene		1.058	1.021	1.020	1.003	0.887	0.957	9.3
4-Chloroaniline		0.360	0.347	0.353	0.355	0.323	0.336	7.0
Hexachlorobutadiene		0.227	0.219	0.223	0.233	0.206	0.217	5.6
Caprolactam			0.066	0.069	0.075	0.074	0.072	5.5
4-Chloro-3-methylphenol		0.271	0.260	0.271	0.276	0.261	0.263	4.8
2-Methylnaphthalene		0.685	0.650	0.643	0.635	0.568	0.611	9.5
Hexachlorocyclopentadiene			0.336	0.371	0.418	0.382	0.383	7.3
2,4,6-Trichlorophenol		0.344	0.358	0.386	0.422	0.379	0.378	6.7
2-Fluorobiphenyl			1.476	1.460	1.351	1.154	1.282	13.1
2,4,5-Trichlorophenol		0.371	0.391	0.419	0.423	0.380	0.395	5.1
1,1-Biphenyl		1.608	1.541	1.564	1.495	1.331	1.448	9.4
2-Chloronaphthalene		1.283	1.223	1.243	1.215	1.077	1.165	8.4
2-Nitroaniline		0.241	0.305	0.355	0.400	0.380	0.352	16.8
Dimethylphthalate		1.275	1.233	1.252	1.286	1.173	1.219	4.9
Acenaphthylene		1.729	1.659	1.700	1.691	1.499	1.604	7.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG No.: Q3266Instrument ID: BNA_FCalibration Date(s): 09/23/2025 09/23/2025Calibration Time(s): 10:28 15:27

LAB FILE ID:		RRF2.5 = BF143791.D			RRF005 = BF143792.D		RRF010 = BF143793.D	
		RRF020 = BF143794.D			RRF040 = BF143795.D		RRF050 = BF143796.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.138	0.161	0.198	0.228	0.224	0.200	18.4
3-Nitroaniline		0.171	0.210	0.245	0.283	0.259	0.243	16.1
Acenaphthene		1.134	1.121	1.123	1.109	0.974	1.056	7.9
2,4-Dinitrophenol			0.052	0.040	0.063	0.066	0.064	25.2
4-Nitrophenol			0.197	0.169	0.208	0.193	0.196	7.4
Dibenzofuran		1.649	1.551	1.590	1.561	1.377	1.493	8.3
2,4-Dinitrotoluene		0.151	0.210	0.254	0.307	0.295	0.261	23.2
Diethylphthalate		1.158	1.170	1.174	1.211	1.100	1.141	4.4
4-Chlorophenyl-phenylether		0.621	0.592	0.601	0.590	0.528	0.566	8.1
Fluorene		1.275	1.210	1.190	1.147	1.005	1.110	11.3
4-Nitroaniline		0.162	0.204	0.228	0.264	0.242	0.228	15.3
4,6-Dinitro-2-methylphenol			0.045	0.047	0.070	0.074	0.067	26.0
n-Nitrosodiphenylamine		0.707	0.675	0.688	0.682	0.621	0.658	6.3
2,4,6-Tribromophenol			0.303	0.324	0.328	0.281	0.296	8.8
4-Bromophenyl-phenylether		0.344	0.333	0.349	0.361	0.334	0.341	3.5
Hexachlorobenzene		0.492	0.470	0.488	0.492	0.447	0.470	4.8
Atrazine		0.178	0.191	0.198	0.211	0.186	0.190	5.6
Pentachlorophenol			0.180	0.216	0.256	0.239	0.234	13.2
Phenanthrene		1.145	1.066	1.071	1.082	0.948	1.027	8.3
Anthracene		1.096	1.069	1.088	1.083	0.965	1.030	6.7
Carbazole		0.916	0.931	0.949	0.976	0.839	0.901	6.2
Di-n-butylphthalate		0.940	1.008	1.075	1.157	1.019	1.036	6.5
Fluoranthene		1.019	1.046	1.099	1.144	0.953	1.033	6.8
Pyrene		1.038	0.982	0.991	1.005	0.990	0.983	5.5
Terphenyl-d14			1.044	1.013	1.022	0.981	0.983	7.0
Butylbenzylphthalate		0.251	0.298	0.335	0.391	0.367	0.340	14.7
3,3-Dichlorobenzidine			0.426	0.465	0.497	0.459	0.465	5.1
Benzo (a) anthracene		1.109	1.081	1.083	1.148	1.040	1.074	4.6
Chrysene		1.041	0.985	0.996	1.018	0.909	0.972	5.2
Bis (2-ethylhexyl) phthalate		0.428	0.477	0.514	0.558	0.505	0.499	8.0
Di-n-octyl phthalate			0.767	0.877	1.013	0.902	0.905	9.0
Benzo (b) fluoranthene		0.987	1.004	1.029	1.104	1.002	1.019	3.9
Benzo (k) fluoranthene		1.061	1.004	1.080	1.089	0.996	1.023	6.2
Benzo (a) pyrene		0.928	0.920	0.989	1.027	0.949	0.957	4.2
Indeno (1,2,3-cd) pyrene		1.483	1.426	1.580	1.608	1.509	1.517	4.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG No.: Q3266Instrument ID: BNA_FCalibration Date(s): 09/23/2025 09/23/2025Calibration Time(s): 10:28 15:27

LAB FILE ID:		RRF2.5 = BF143791.D		RRF005 = BF143792.D		RRF010 = BF143793.D		
		RRF020 = BF143794.D		RRF040 = BF143795.D		RRF050 = BF143796.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.207	1.187	1.302	1.332	1.237	1.241	4.9
Benzo(g,h,i)perylene		1.134	1.116	1.234	1.279	1.200	1.196	5.0
1,2,4,5-Tetrachlorobenzene		0.657	0.634	0.636	0.628	0.559	0.604	7.4
1,4-Dioxane		0.594	0.575	0.598	0.640	0.558	0.589	4.4
2,3,4,6-Tetrachlorophenol		0.272	0.309	0.349	0.373	0.355	0.339	10.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF092325.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Sep 24 05:00:00 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143791.D 5 =BF143792.D 10 =BF143793.D 20 =BF143794.D 40 =BF143795.D 50 =BF143796.D 60 =BF143797.D 80 =BF143798.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane	0.594	0.575	0.598	0.640	0.558	0.582	0.577	0.589	0.589	4.40
3) Pyridine	1.585	1.522	1.624	1.724	1.535	1.603	1.541	1.590	1.590	4.40
4) n-Nitrosodimet...		0.744	0.812	0.851	0.775	0.818	0.785	0.797	0.797	4.71
5) S 2-Fluorophenol		1.258	1.326	1.329	1.156	1.193	1.124	1.231	1.231	7.08
6) Aniline	2.283	2.120	2.158	2.145	1.940	1.978	1.826	2.064	2.064	7.55
7) S Phenol-d6		1.507	1.530	1.523	1.336	1.371	1.267	1.422	1.422	7.90
8) 2-Chlorophenol	1.304	1.254	1.329	1.335	1.209	1.244	1.146	1.260	1.260	5.45
9) Benzaldehyde		1.066	0.952	1.467	1.327	1.538	1.123	1.246	1.246	18.81
10) C Phenol	1.762	1.708	1.737	1.748	1.534	1.622	1.463	1.653	1.653	7.07
11) bis(2-Chloroet...	1.387	1.321	1.347	1.367	1.223	1.270	1.156	1.296	1.296	6.47
12) 1,3-Dichlorobe...	1.622	1.493	1.556	1.544	1.345	1.385	1.297	1.463	1.463	8.34
13) C 1,4-Dichlorobe...	1.634	1.496	1.549	1.537	1.339	1.380	1.287	1.460	1.460	8.68
14) 1,2-Dichlorobe...	1.558	1.407	1.465	1.449	1.277	1.309	1.215	1.383	1.383	8.73
15) Benzyl Alcohol		1.022	1.074	1.088	1.004	1.042	0.936	1.028	1.028	5.32
16) 2,2'-oxybis(1-...	3.320	3.136	3.224	3.231	2.896	2.966	2.738	3.073	3.073	6.87
17) 2-Methylphenol	1.033	0.990	1.009	1.021	0.938	0.959	0.880	0.976	0.976	5.52
18) Hexachloroethane	0.555	0.512	0.543	0.543	0.482	0.493	0.468	0.514	0.514	6.60
19) P n-Nitroso-di-n...	1.078	0.991	0.932	0.926	0.914	0.842	0.869	0.764	0.915	10.34
20) 3+4-Methylphenols		1.292	1.256	1.274	1.137	1.147	1.023	1.188	1.188	8.78
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone	0.500	0.466	0.468	0.463	0.401	0.404	0.373	0.439	0.439	10.54
23) S Nitrobenzene-d5		0.309	0.339	0.353	0.322	0.330	0.308	0.327	0.327	5.40
24) Nitrobenzene	0.362	0.354	0.369	0.389	0.357	0.361	0.342	0.362	0.362	3.96
25) Isophorone	0.667	0.636	0.649	0.673	0.624	0.634	0.575	0.637	0.637	5.11
26) C 2-Nitrophenol	0.089	0.104	0.125	0.148	0.150	0.156	0.150	0.132	0.132	20.10
27) 2,4-Dimethylph...	0.292	0.280	0.291	0.303	0.280	0.286	0.261	0.285	0.285	4.65
28) bis(2-Chloroet...	0.455	0.430	0.430	0.437	0.393	0.392	0.360	0.414	0.414	8.03
29) C 2,4-Dichloroph...	0.277	0.286	0.288	0.298	0.273	0.278	0.260	0.280	0.280	4.37
30) 1,2,4-Trichlor...	0.314	0.288	0.304	0.309	0.275	0.279	0.264	0.291	0.291	6.52
31) Naphthalene	1.058	1.021	1.020	1.003	0.887	0.888	0.826	0.957	0.957	9.26
32) Benzoic acid		0.124	0.091	0.140	0.148	0.159	0.161	0.137	0.137	19.26
33) 4-Chloroaniline	0.360	0.347	0.353	0.355	0.323	0.323	0.295	0.336	0.336	7.04
34) C Hexachlorobuta...	0.227	0.219	0.223	0.233	0.206	0.210	0.199	0.217	0.217	5.64
35) Caprolactam		0.066	0.069	0.075	0.074	0.076	0.070	0.072	0.072	5.47
36) C 4-Chloro-3-met...	0.271	0.260	0.271	0.276	0.261	0.262	0.238	0.263	0.263	4.81
37) 2-Methylnaphth...	0.685	0.650	0.643	0.635	0.568	0.572	0.521	0.611	0.611	9.49
38) 1-Methylnaphth...	0.656	0.618	0.610	0.612	0.550	0.550	0.496	0.584	0.584	9.36

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF092325.M

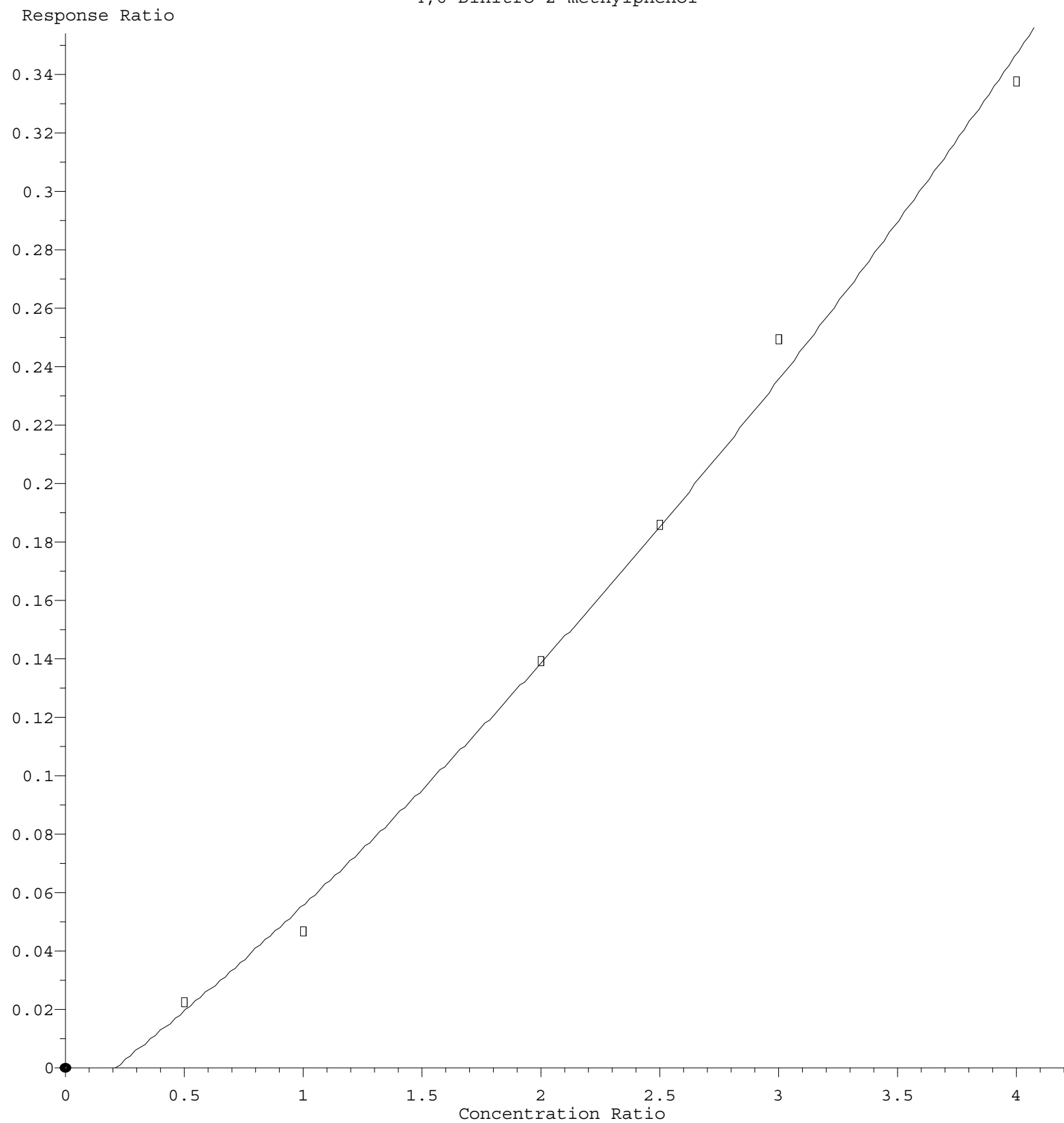
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.657	0.634	0.636	0.628	0.559	0.562	0.549	0.604	7.43	
41) P	Hexachlorocycl...	0.336	0.371	0.418	0.382	0.401	0.387	0.383		7.32	
42) S	2,4,6-Tribromo...	0.303	0.324	0.328	0.281	0.275	0.266	0.296		8.83	
43) C	2,4,6-Trichlor...	0.344	0.358	0.386	0.422	0.379	0.392	0.365	0.378	6.71	
44)	2,4,5-Trichlor...	0.371	0.391	0.419	0.423	0.380	0.402	0.381	0.395	5.09	
45) S	2-Fluorobiphenyl	1.476	1.460	1.351	1.154	1.153	1.096	1.282		13.12	
46)	1,1'-Biphenyl	1.608	1.541	1.564	1.495	1.331	1.326	1.269	1.448	9.37	
47)	2-Chloronaphth...	1.283	1.223	1.243	1.215	1.077	1.080	1.036	1.165	8.38	
48)	2-Nitroaniline	0.241	0.305	0.355	0.400	0.380	0.400	0.386	0.352	16.77	
49)	Acenaphthylene	1.729	1.659	1.700	1.691	1.499	1.513	1.440	1.604	7.27	
50)	Dimethylphthalate	1.275	1.233	1.252	1.286	1.173	1.191	1.122	1.219	4.87	
51)	2,6-Dinitrotol...	0.138	0.161	0.198	0.228	0.224	0.231	0.221	0.200	18.41	
52) C	Acenaphthene	1.134	1.121	1.123	1.109	0.974	0.976	0.953	1.056	7.87	
53)	3-Nitroaniline	0.171	0.210	0.245	0.283	0.259	0.267	0.264	0.243	16.09	
54) P	2,4-Dinitrophenol	0.052	0.040	0.063	0.066	0.076	0.084	0.064		25.20	
55)	Dibenzofuran	1.649	1.551	1.590	1.561	1.377	1.392	1.329	1.493	8.32	
56) P	4-Nitrophenol	0.197	0.169	0.208	0.193	0.197	0.210	0.196		7.39	
57)	2,4-Dinitrotol...	0.151	0.210	0.254	0.307	0.295	0.308	0.300	0.261	23.18	
58)	Fluorene	1.275	1.210	1.190	1.147	1.005	0.986	0.956	1.110	11.33	
59)	2,3,4,6-Tetrac...	0.272	0.309	0.349	0.373	0.355	0.361	0.352	0.339	10.45	
60)	Diethylphthalate	1.158	1.170	1.174	1.211	1.100	1.109	1.066	1.141	4.44	
61)	4-Chlorophenyl...	0.621	0.592	0.601	0.590	0.528	0.524	0.504	0.566	8.09	
62)	4-Nitroaniline	0.162	0.204	0.228	0.264	0.242	0.243	0.255	0.228	15.32	
63)	Azobenzene	1.260	1.221	1.246	1.279	1.148	1.163	1.101	1.203	5.49	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.045	0.047	0.070	0.074	0.083	0.084	0.067		25.99	
66) c	n-Nitrosodiphe...	0.707	0.675	0.688	0.682	0.621	0.637	0.594	0.658	6.27	
67)	4-Bromophenyl-...	0.344	0.333	0.349	0.361	0.334	0.342	0.324	0.341	3.52	
68)	Hexachlorobenzene	0.492	0.470	0.488	0.492	0.447	0.461	0.437	0.470	4.80	
69)	Atrazine	0.178	0.191	0.198	0.211	0.186	0.187	0.183	0.190	5.63	
70) C	Pentachlorophenol	0.180	0.216	0.256	0.239	0.254	0.259	0.234		13.17	
71)	Phenanthrene	1.145	1.066	1.071	1.082	0.948	0.954	0.921	1.027	8.27	
72)	Anthracene	1.096	1.069	1.088	1.083	0.965	0.963	0.945	1.030	6.65	
73)	Carbazole	0.916	0.931	0.949	0.976	0.839	0.846	0.847	0.901	6.23	
74)	Di-n-butylphth...	0.940	1.008	1.075	1.157	1.019	1.019	1.031	1.036	6.45	
75) C	Fluoranthene	1.019	1.046	1.099	1.144	0.953	0.956	1.012	1.033	6.83	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.438	0.444	0.511	0.571	0.553	0.407	0.487		13.78	
78)	Pyrene	1.038	0.982	0.991	1.005	0.990	1.011	0.867	0.983	5.54	
79) S	Terphenyl-d14	1.044	1.013	1.022	0.981	0.989	0.852	0.983		6.95	
80)	Butylbenzylphth...	0.251	0.298	0.335	0.391	0.367	0.381	0.358	0.340	14.74	
81)	Benzo(a)anthra...	1.109	1.081	1.083	1.148	1.040	1.065	0.995	1.074	4.55	
82)	3,3'-Dichlorob...	0.426	0.465	0.497	0.459	0.480	0.466	0.465		5.06	
83)	Chrysene	1.041	0.985	0.996	1.018	0.909	0.941	0.916	0.972	5.25	
84)	Bis(2-ethylhex...	0.428	0.477	0.514	0.558	0.505	0.516	0.492	0.499	8.01	
85) c	Di-n-octyl pht...	0.767	0.877	1.013	0.902	0.937	0.930	0.905		9.00	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF092325.M

		-----ISTD-----										
86) I	Perylene-d12											
87)	Indeno(1,2,3-c...	1.483	1.426	1.580	1.608	1.509	1.548	1.468	1.517		4.26	
88)	Benzo(b)fluora...	0.987	1.004	1.029	1.104	1.002	1.002	1.000	1.018		3.91	
89)	Benzo(k)fluora...	1.061	1.004	1.079	1.089	0.996	1.029	0.905	1.023		6.18	
90) C	Benzo(a)pyrene	0.928	0.920	0.989	1.027	0.949	0.971	0.918	0.957		4.25	
91)	Dibenzo(a,h)an...	1.207	1.187	1.302	1.332	1.237	1.257	1.166	1.241		4.87	
92)	Benzo(g,h,i)pe...	1.134	1.116	1.234	1.279	1.200	1.244	1.168	1.196		5.01	

(#) = Out of Range

4,6-Dinitro-2-methylphenol



$$R = 7.095e-003 A^2 + 6.161e-002 A - 1.313e-002$$

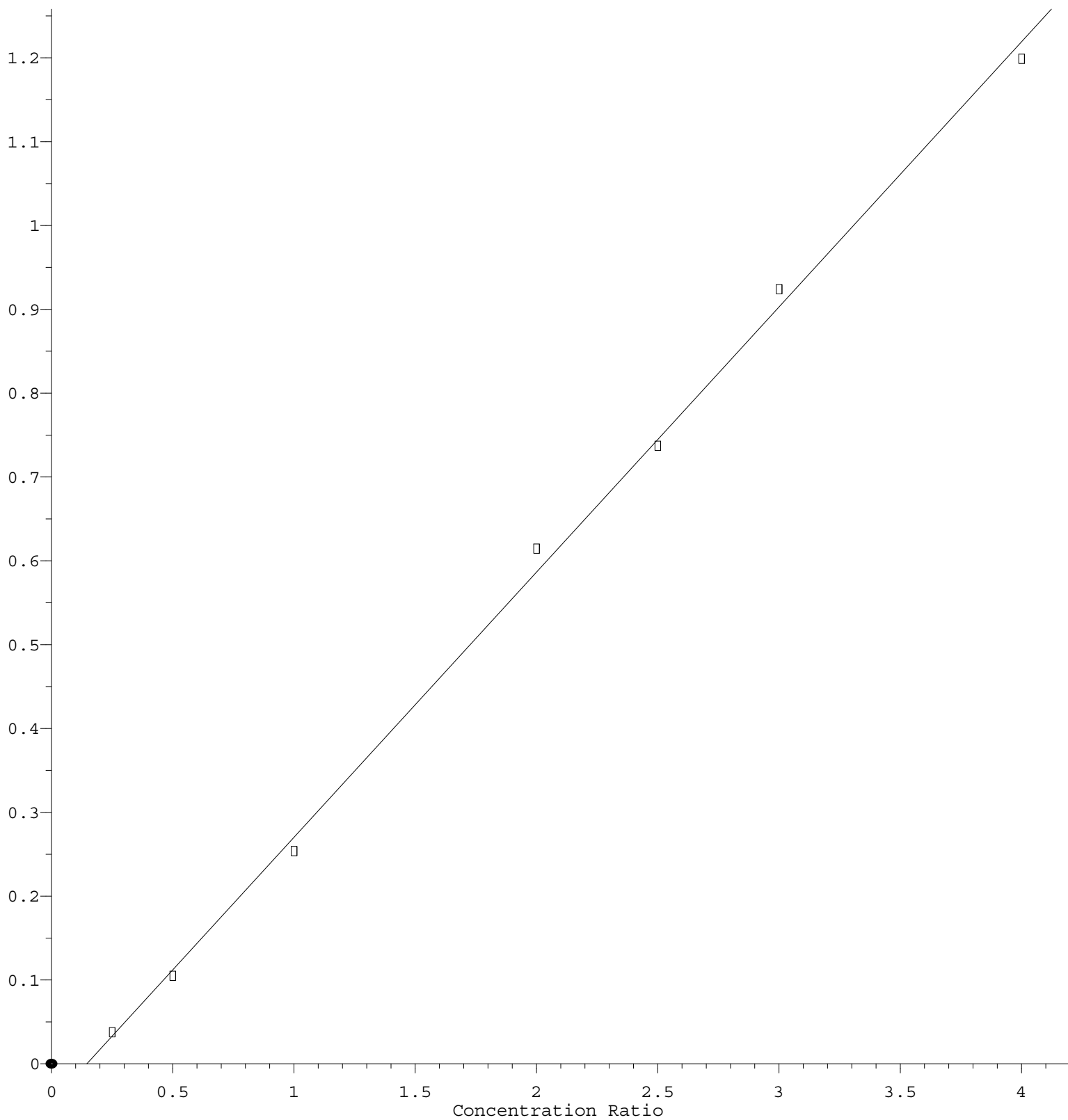
Coef of Det (r^2) = 0.995418 Curve Fit: Quadratic w(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF092325.M

Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

2,4-Dinitrotoluene

Response Ratio



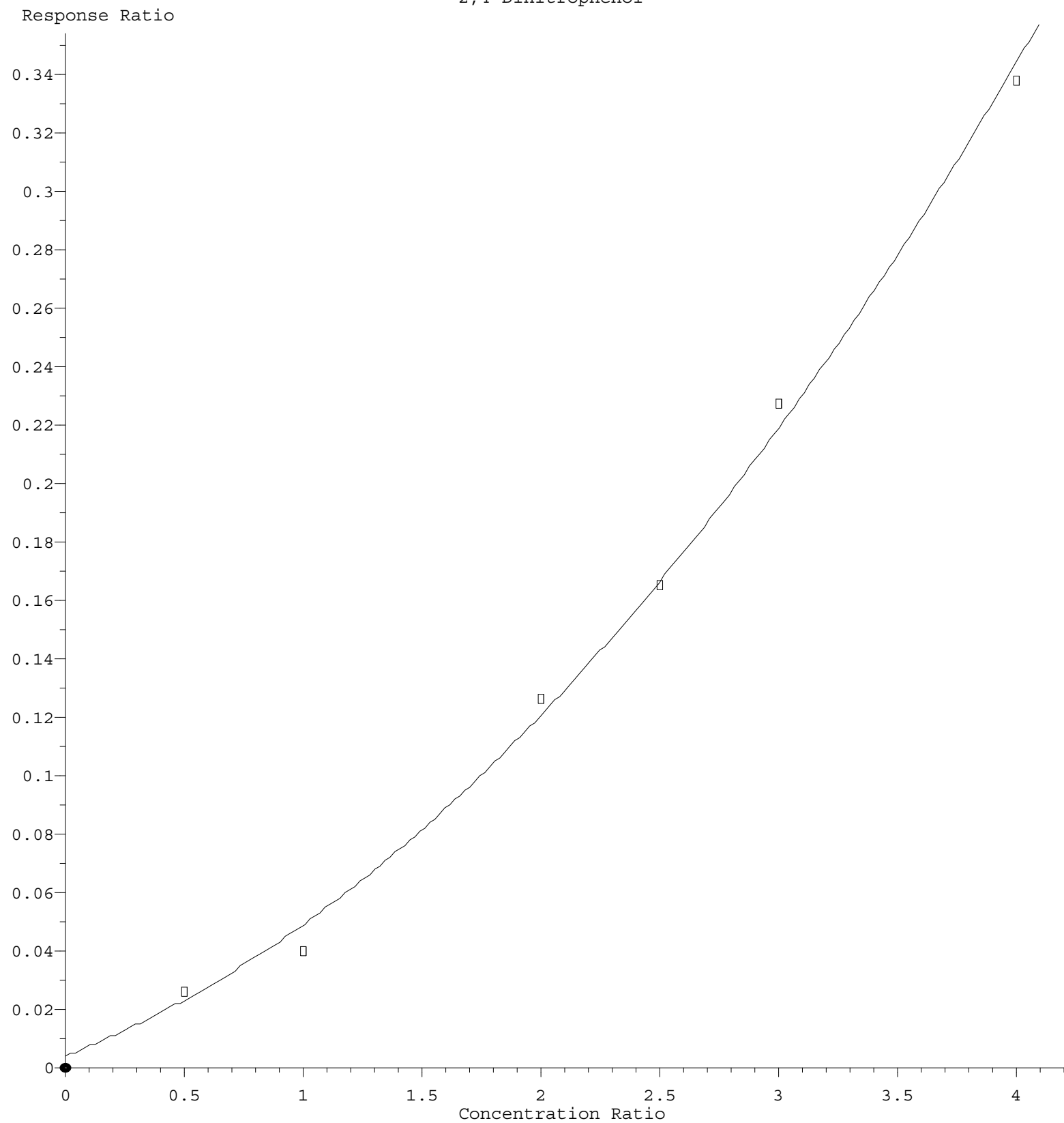
$$\text{Response} = 3.165\text{e-}001 * \text{Amt} - 4.621\text{e-}002$$

Coef of Det (r^2) = 0.998498 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF092325.M

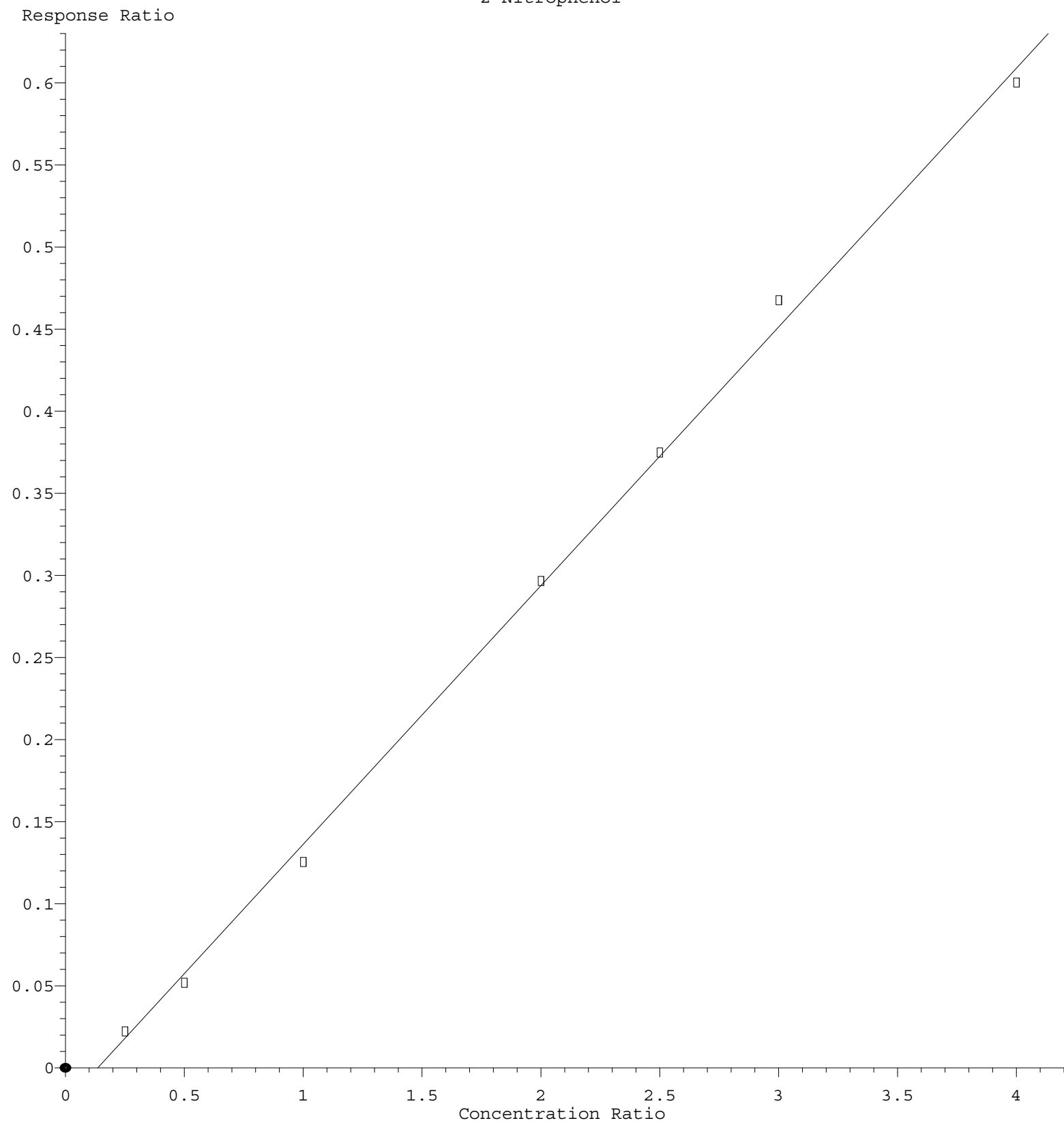
Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

2,4-Dinitrophenol



$R = 1.334e-002 A^2 + 3.164e-002 A + 4.049e-003$
 Coef of Det (r^2) = 0.995804 Curve Fit: Quadratic w(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF092325.M
 Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

2-Nitrophenol



Response = 1.576e-001 * Amt - 2.138e-002
 Coef of Det (r^2) = 0.998054 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF092325.M
 Calibration Table Last Updated: Wed Sep 24 05:00:00 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143791.D
Acq On : 23 Sep 2025 10:28
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 23 17:06:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

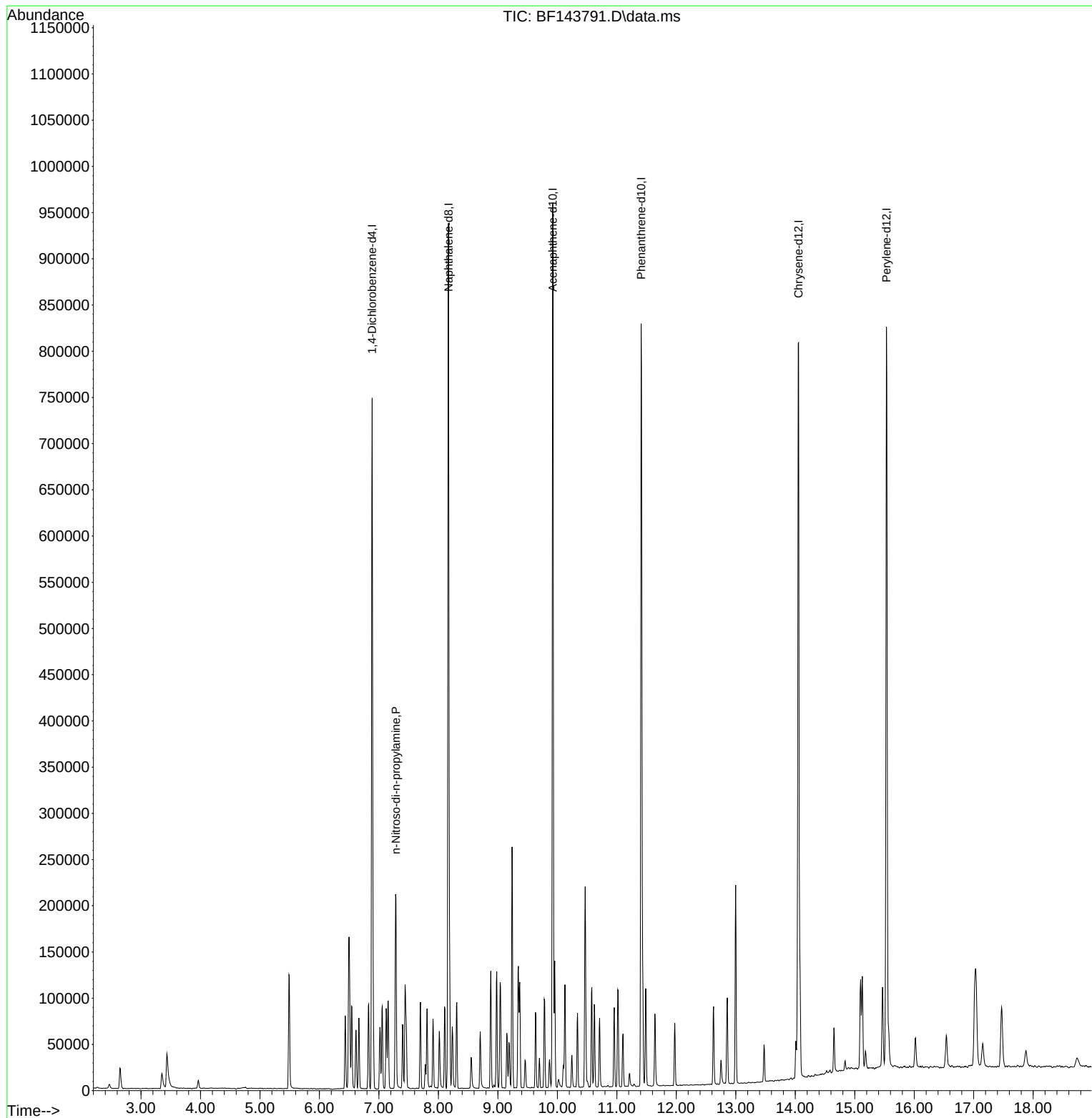
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	142727	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	546391	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	280335	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	422227	20.000	ng	0.00
76) Chrysene-d12	14.057	240	419162	20.000	ng	0.00
86) Perylene-d12	15.533	264	547725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.286	70	19227	2.946	ng	96

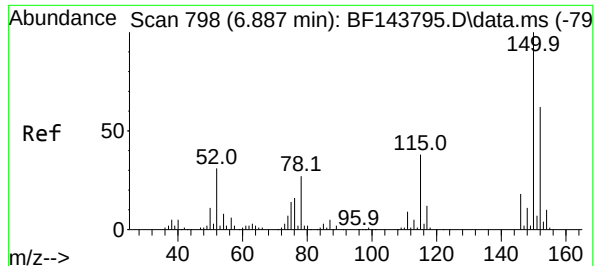
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143791.D
Acq On : 23 Sep 2025 10:28
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Sep 23 17:06:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration

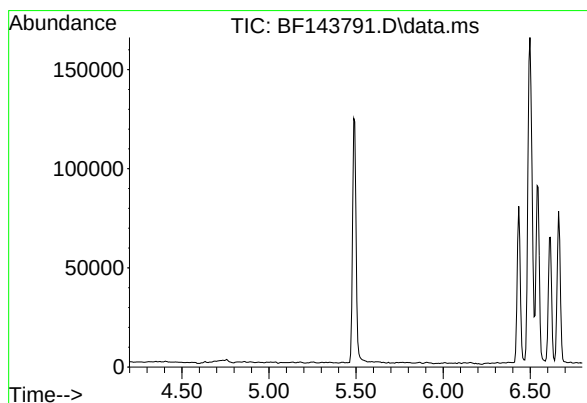
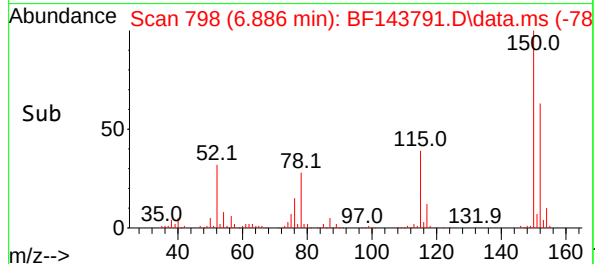
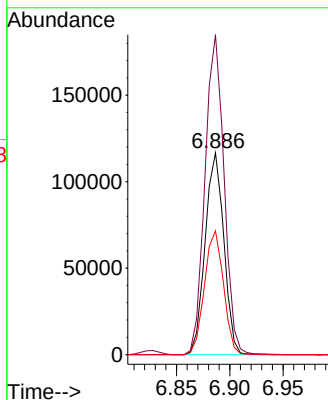
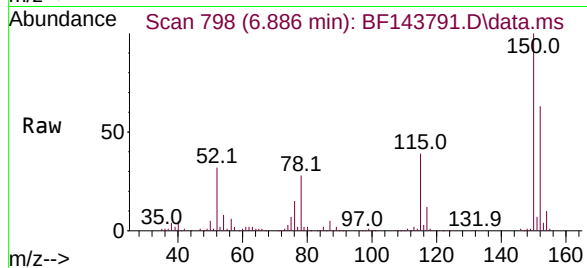




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

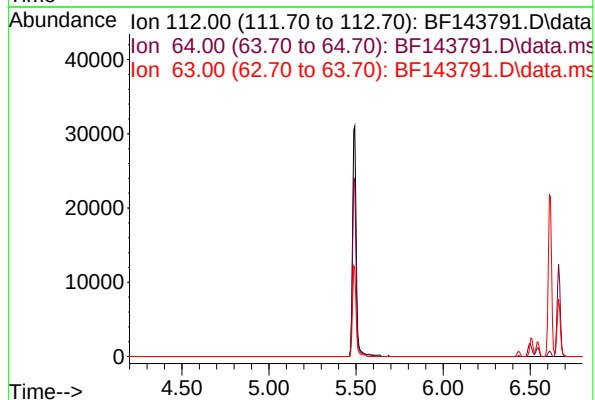
Tgt Ion:152 Resp: 142727
Ion Ratio Lower Upper
152 100
150 158.5 129.6 194.4
115 61.3 49.0 73.4

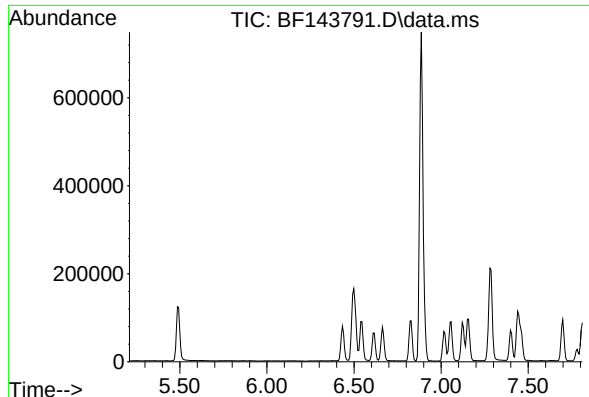


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Tgt Ion: 112
Sig Exp Ratio
112 100
64 78.7
63 40.8





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.51 min

Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

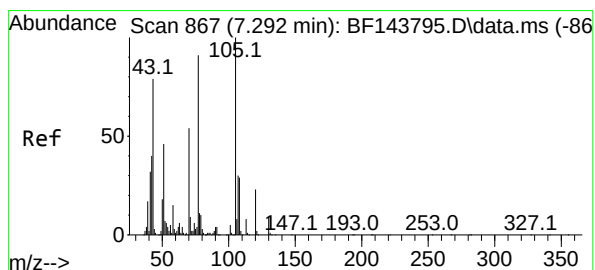
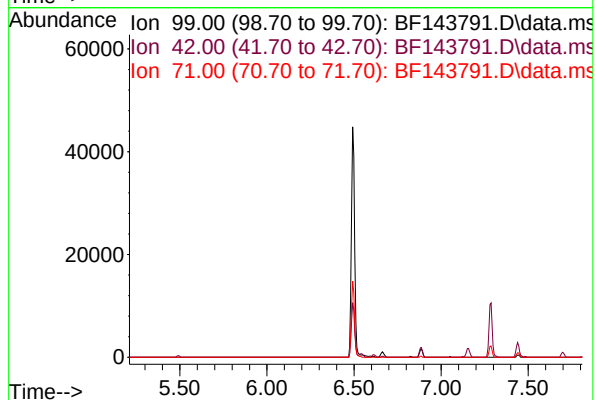
Tgt Ion: 99

Sig Exp Ratio

99 100

42 23.3

71 33.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.946 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

Tgt Ion: 70 Resp: 19227

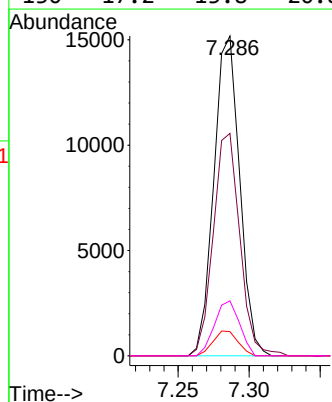
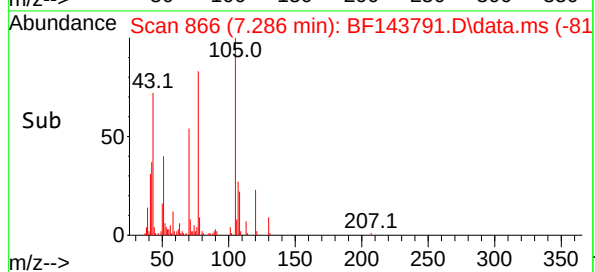
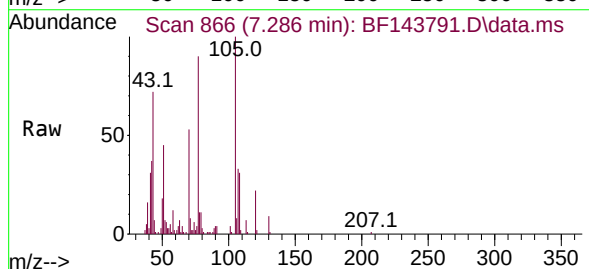
Ion Ratio Lower Upper

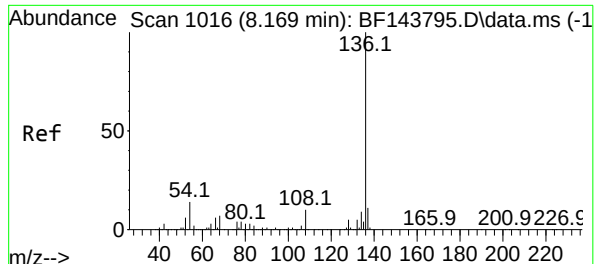
70 100

42 69.5 59.4 89.0

101 7.6 7.1 10.7

130 17.2 13.8 20.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 546391

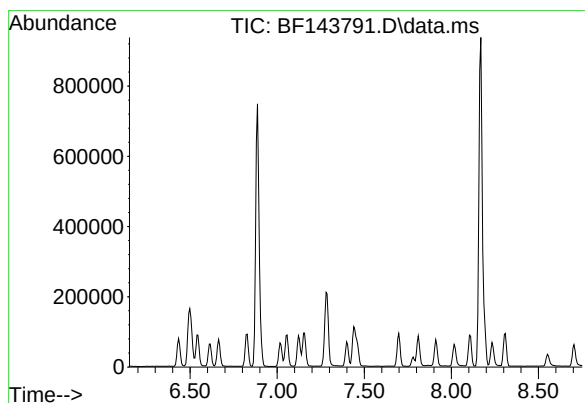
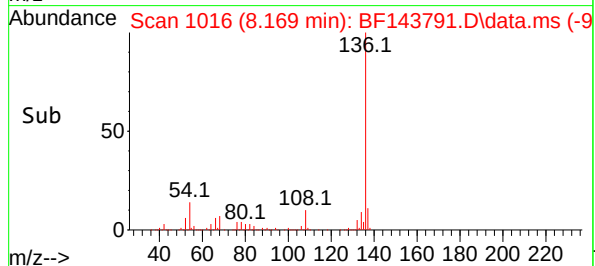
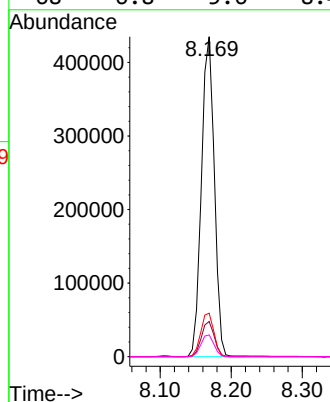
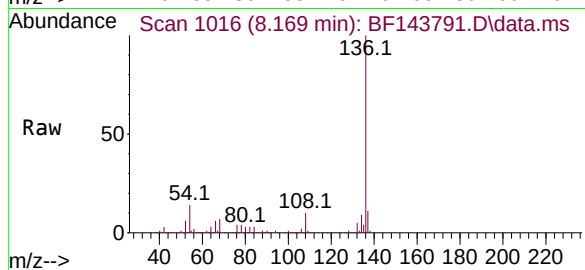
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 13.6 11.2 16.8

68 6.8 5.6 8.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

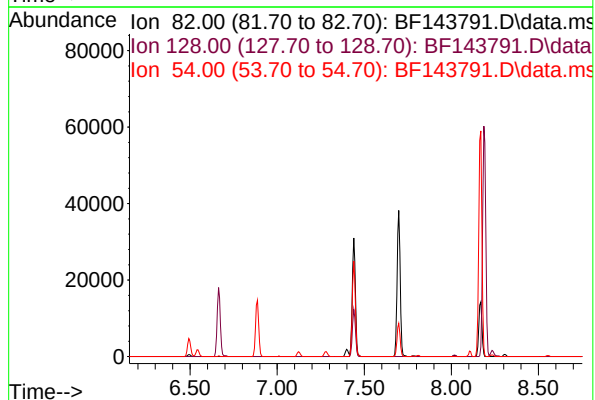
Tgt Ion: 82

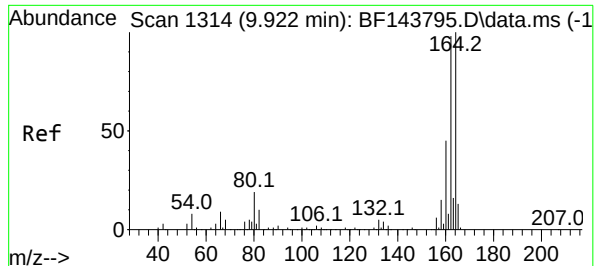
Sig Exp Ratio

82 100

128 41.6

54 80.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143791.D

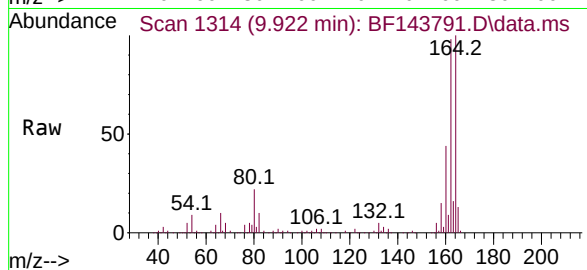
Acq: 23 Sep 2025 10:28

Instrument :

BNA_F

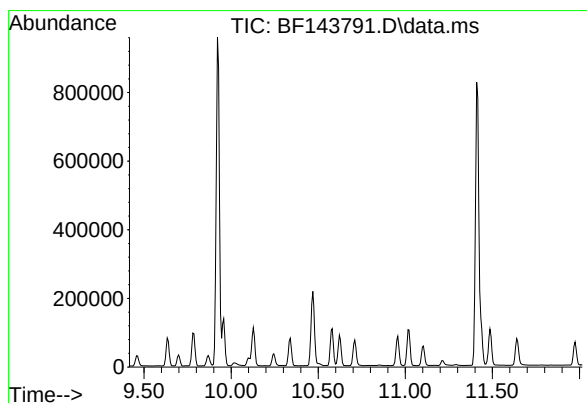
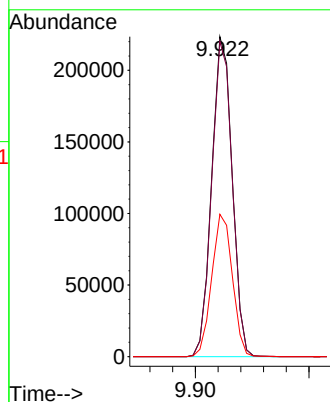
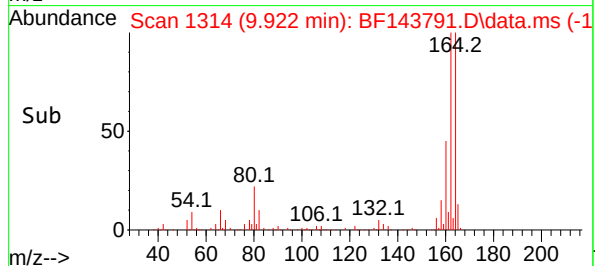
ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 280335

Ion	Ratio	Lower	Upper
164	100		
162	98.5	78.8	118.2
160	44.5	35.8	53.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

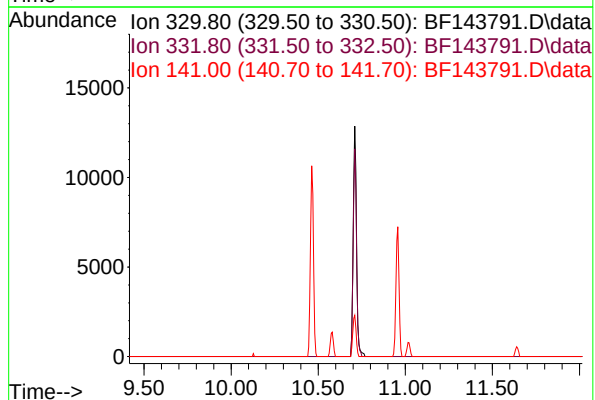
Expected RT: 10.72 min

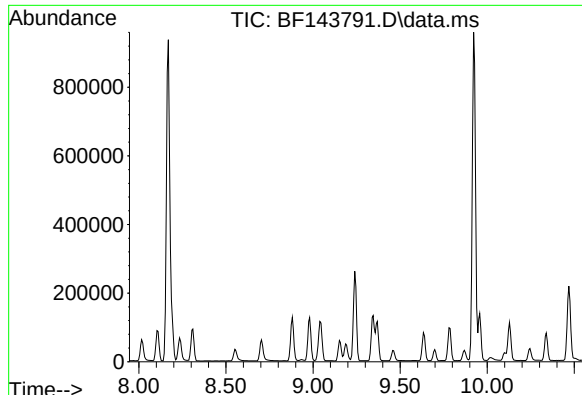
Lab File: BF143791.D

Acq: 23 Sep 2025 10:28

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	93.4
141	17.9

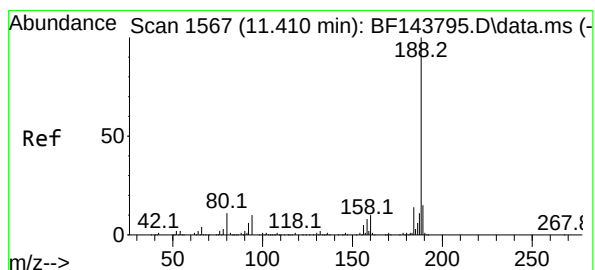
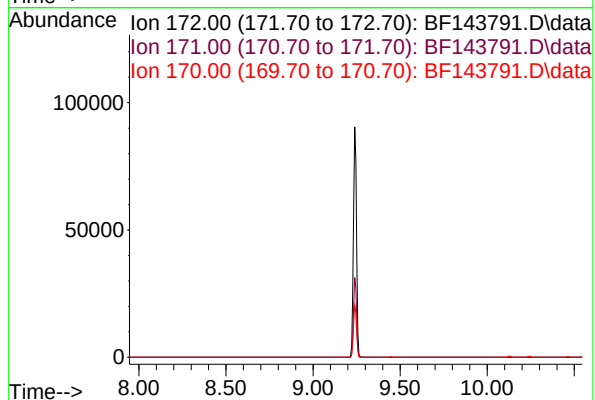




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 9.25 min
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

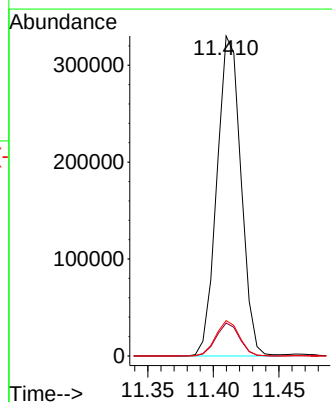
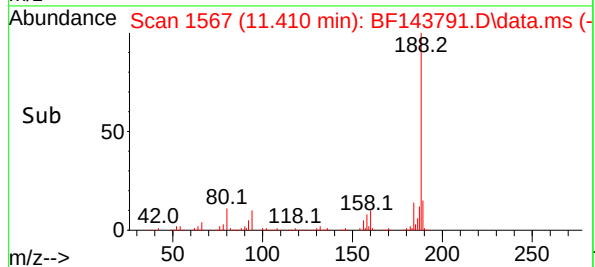
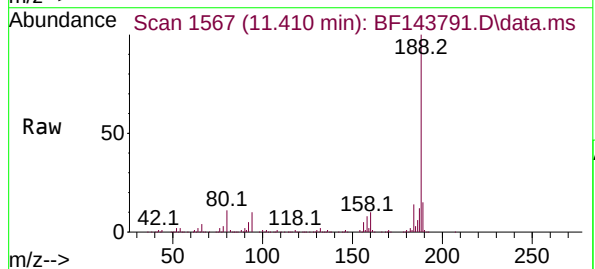
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

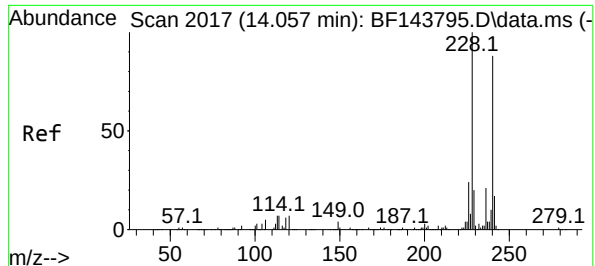
Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.9
170 23.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

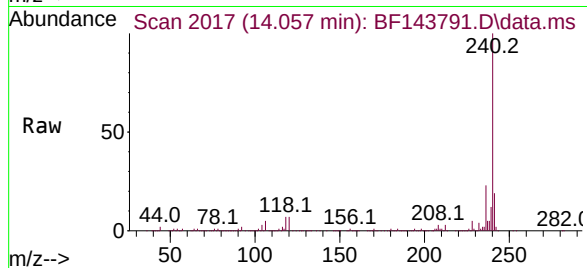
Tgt Ion: 188 Resp: 422227
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 11.0 8.6 12.8



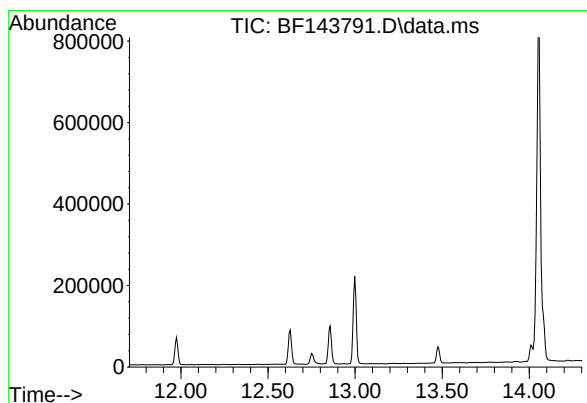
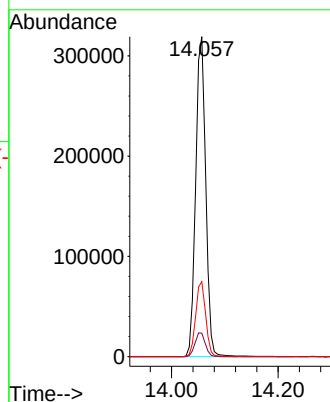
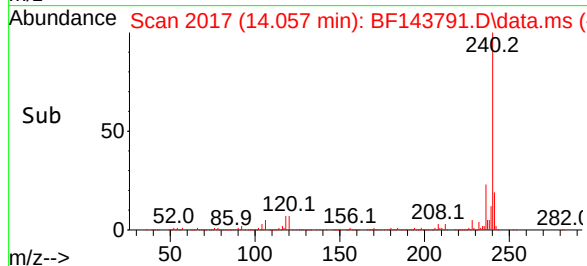


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



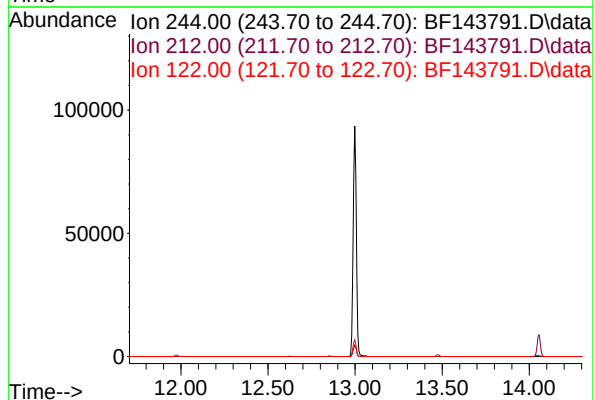
Tgt Ion:240 Resp: 419162
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 23.4 19.4 29.2



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

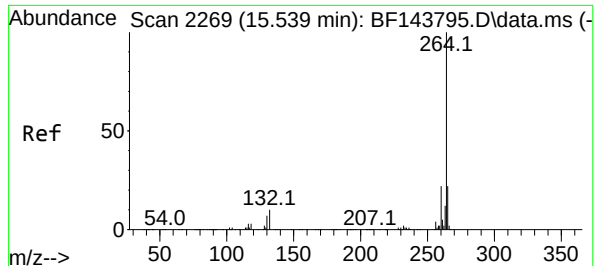
Lab File: BF143791.D
Acq: 23 Sep 2025 10:28

Tgt Ion: 244
Sig Exp Ratio
244 100
212 4.9
122 7.0



Ion 212.00 (211.70 to 212.70): BF143791.D\data

Ion 122.00 (121.70 to 122.70): BF143791.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143791.D

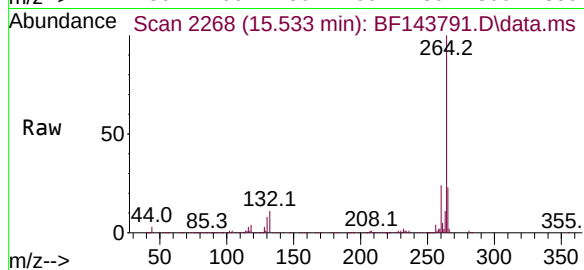
Acq: 23 Sep 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



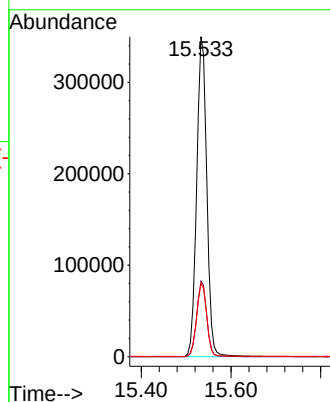
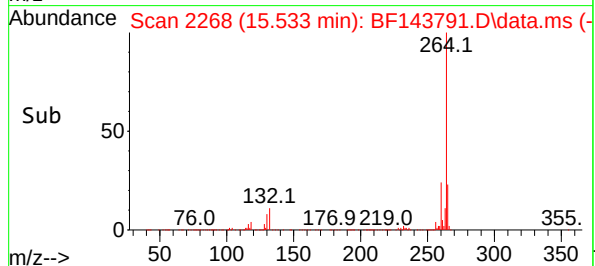
Tgt Ion:264 Resp: 547725

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 22.8 17.7 26.5



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143792.D
 Acq On : 23 Sep 2025 10:58
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Sep 24 04:31:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	137641	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	513746	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	252917	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	379147	20.000	ng	0.00
76) Chrysene-d12	14.057	240	398321	20.000	ng	0.00
86) Perylene-d12	15.533	264	555053	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	

Target Compounds					Qvalue
2) 1,4-Dioxane	2.640	88	20444	5.042 ng	99
3) Pyridine	3.416	79	54556	4.984 ng	97
6) Aniline	6.545	93	78570	5.530 ng	97
8) 2-Chlorophenol	6.663	128	44880	5.175 ng	99
10) Phenol	6.510	94	60619	5.328 ng	98
11) bis(2-Chloroethyl)ether	6.616	93	47743	5.353 ng	97
12) 1,3-Dichlorobenzene	6.828	146	55825	5.544 ng	99
13) 1,4-Dichlorobenzene	6.904	146	56211	5.594 ng	100
14) 1,2-Dichlorobenzene	7.057	146	53628	5.635 ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	114228	5.401 ng	99
17) 2-Methylphenol	7.122	107	35529	5.291 ng	98
18) Hexachloroethane	7.398	117	19083	5.400 ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	34084	5.415 ng	99
22) Acetophenone	7.286	105	64220	5.691 ng	99
24) Nitrobenzene	7.457	77	46458	4.994 ng	98
25) Isophorone	7.698	82	85608	5.234 ng	99
26) 2-Nitrophenol	7.781	139	11396	5.528 ng	97
27) 2,4-Dimethylphenol	7.810	122	37440	5.122 ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	58456	5.501 ng	98
29) 2,4-Dichlorophenol	8.016	162	35586	4.947 ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	40333	5.403 ng	99
31) Naphthalene	8.186	128	135838	5.523 ng	100
33) 4-Chloroaniline	8.233	127	46191	5.345 ng	98
34) Hexachlorobutadiene	8.310	225	29187	5.245 ng	99
36) 4-Chloro-3-methylphenol	8.704	107	34756	5.152 ng	95
37) 2-Methylnaphthalene	8.880	142	88002	5.612 ng	100
38) 1-Methylnaphthalene	8.980	142	84197	5.609 ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	41527	5.441 ng	99
43) 2,4,6-Trichlorophenol	9.151	196	21768	4.555 ng	97
44) 2,4,5-Trichlorophenol	9.186	196	23454	4.692 ng	96
46) 1,1'-Biphenyl	9.345	154	101651	5.552 ng	100
47) 2-Chloronaphthalene	9.369	162	81117	5.504 ng	99
48) 2-Nitroaniline	9.457	65	15262	3.427 ng	93
49) Acenaphthylene	9.786	152	109327	5.389 ng	99
50) Dimethylphthalate	9.633	163	80614	5.229 ng	99
51) 2,6-Dinitrotoluene	9.698	165	8744	3.452 ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143792.D
 Acq On : 23 Sep 2025 10:58
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Sep 24 04:31:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

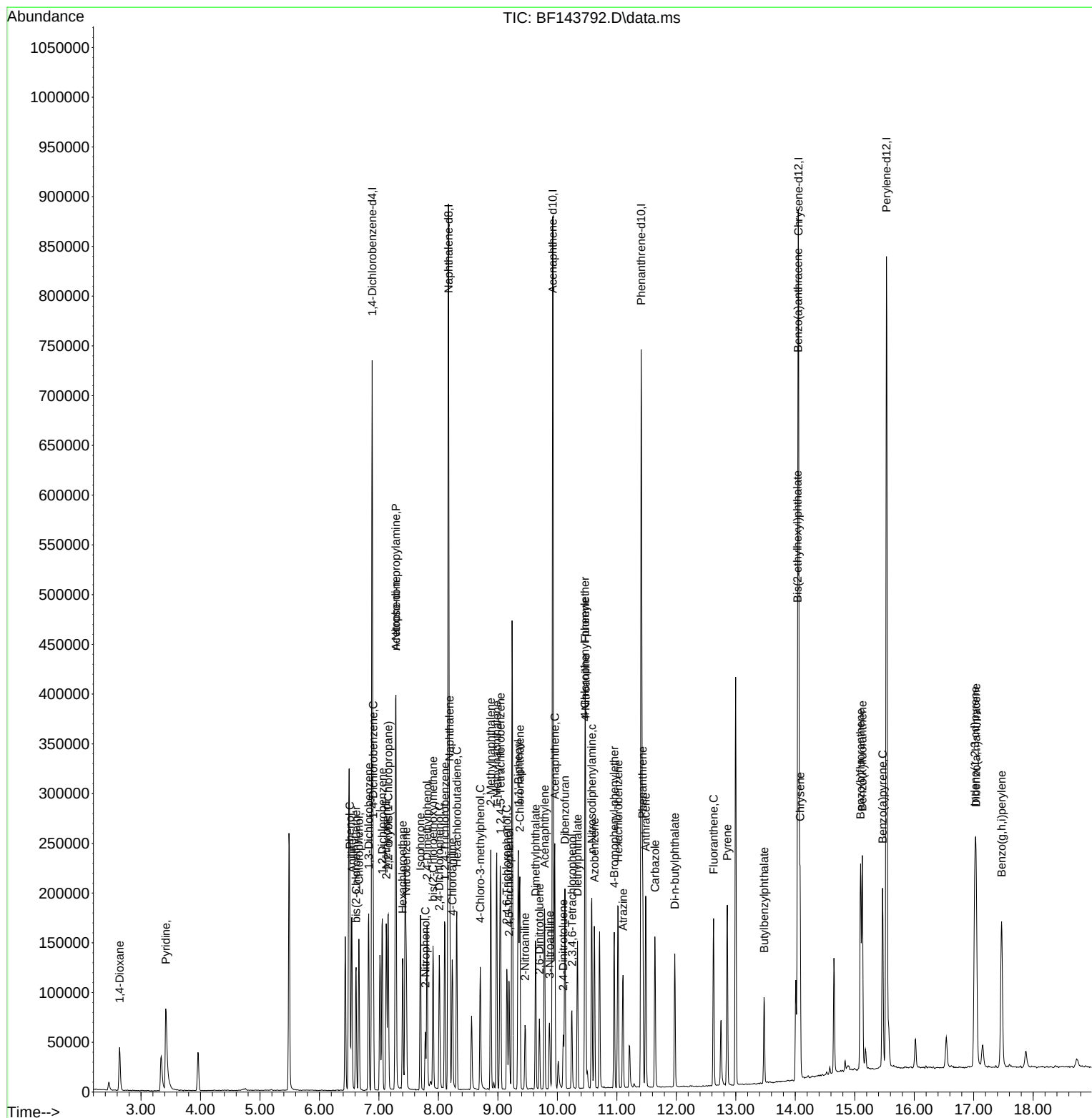
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.957	154	71713	5.372	ng	97
53) 3-Nitroaniline	9.869	138	10825	3.526	ng #	89
55) Dibenzofuran	10.127	168	104283	5.524	ng	99
57) 2,4-Dinitrotoluene	10.098	165	9518	5.298	ng #	84
58) Fluorene	10.469	166	80629	5.745	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	17203	4.017	ng #	98
60) Diethylphthalate	10.339	149	73247	5.076	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	39239	5.487	ng	98
62) 4-Nitroaniline	10.474	138	10259	3.554	ng	96
63) Azobenzene	10.621	77	79697	5.240	ng	98
66) n-Nitrosodiphenylamine	10.580	169	67054	5.378	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	32607	5.047	ng	97
68) Hexachlorobenzene	11.021	284	46642	5.238	ng	100
69) Atrazine	11.104	200	16909	4.683	ng	96
71) Phenanthrene	11.433	178	108554	5.577	ng	98
72) Anthracene	11.486	178	103911	5.322	ng	99
73) Carbazole	11.639	167	86827	5.086	ng	100
74) Di-n-butylphthalate	11.974	149	89101	4.538	ng	100
75) Fluoranthene	12.627	202	96550	4.932	ng	99
78) Pyrene	12.857	202	103385	5.279	ng	99
80) Butylbenzylphthalate	13.474	149	25033	3.695	ng	97
81) Benzo(a)anthracene	14.045	228	110473	5.163	ng	99
83) Chrysene	14.080	228	103643	5.353	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	42651	4.295	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	205787	4.886	ng	98
88) Benzo(b)fluoranthene	15.098	252	137015	4.847	ng	99
89) Benzo(k)fluoranthene	15.127	252	147201	5.184	ng	99
90) Benzo(a)pyrene	15.468	252	128819	4.848	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	167469	4.862	ng	99
92) Benzo(g,h,i)perylene	17.468	276	157425	4.741	ng	99

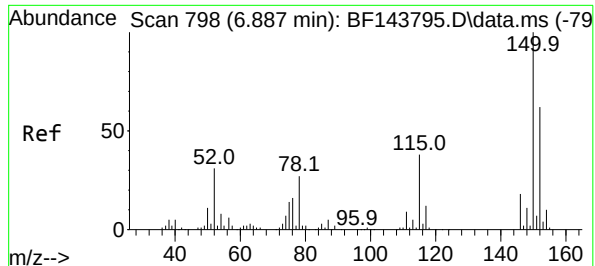
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\  
Data File : BF143792.D  
Acq On    : 23 Sep 2025  10:58  
Operator  : RC/JU  
Sample    : SSTDICC005  
Misc      :  
ALS Vial  : 3    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 24 04:31:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

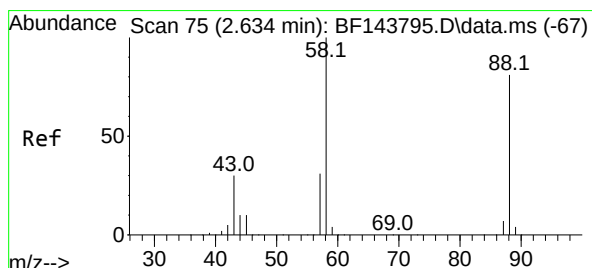
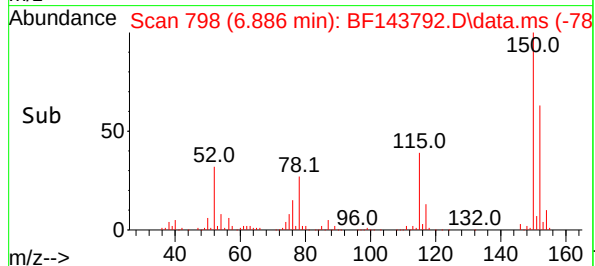
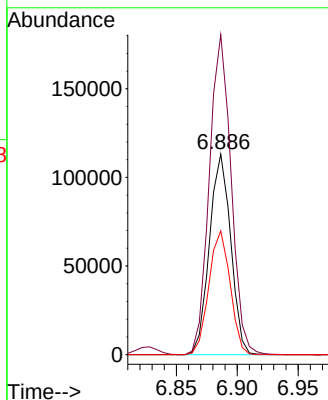
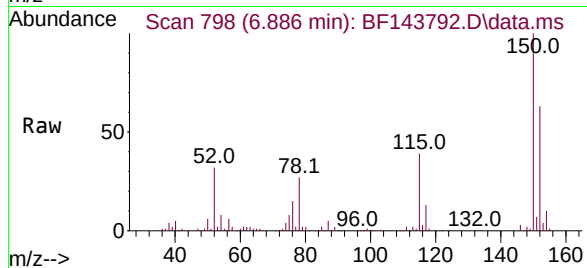




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

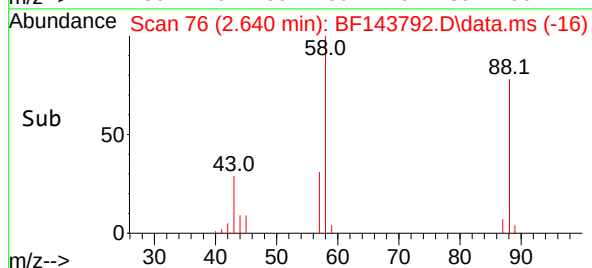
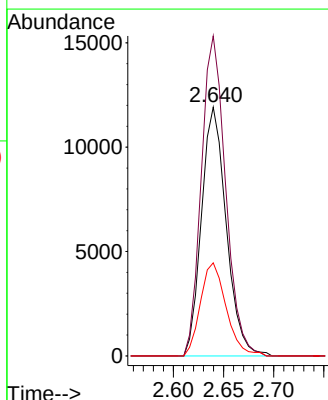
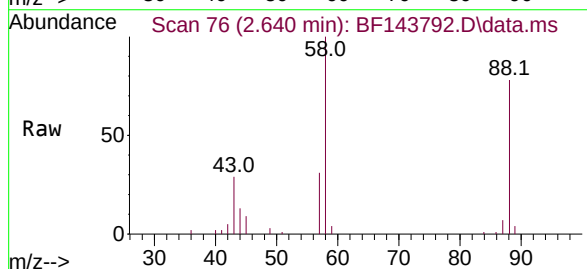
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

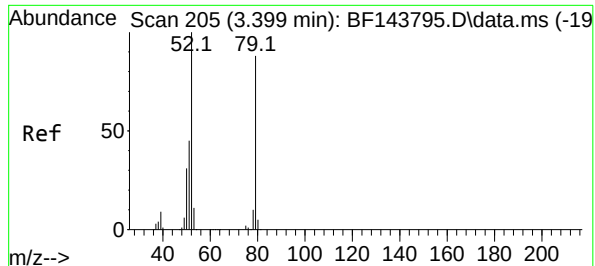
Tgt Ion:152 Resp: 137641
Ion Ratio Lower Upper
152 100
150 159.5 129.6 194.4
115 61.6 49.0 73.4



#2
1,4-Dioxane
Concen: 5.042 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 88 Resp: 20444
Ion Ratio Lower Upper
88 100
58 126.0 99.4 149.2
43 38.9 30.6 45.8





#3

Pyridine

Concen: 4.984 ng

RT: 3.416 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF143792.D

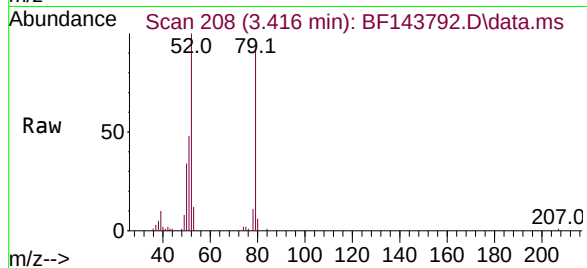
Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



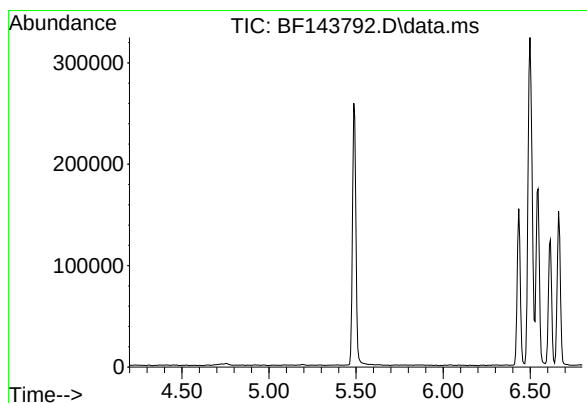
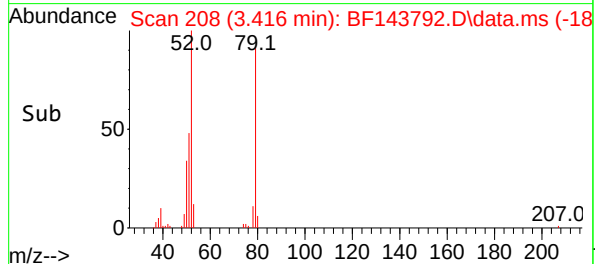
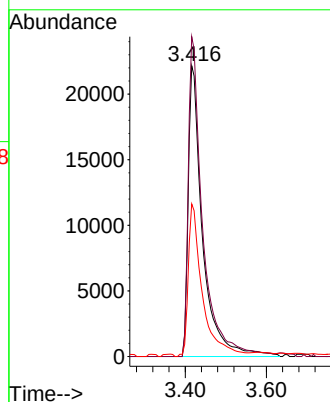
Tgt Ion: 79 Resp: 54556

Ion Ratio Lower Upper

79 100

52 110.0 90.5 135.7

51 52.5 40.6 61.0



#5

2-Fluorophenol

Concen: 0.000 ng

Expected RT: 5.50 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

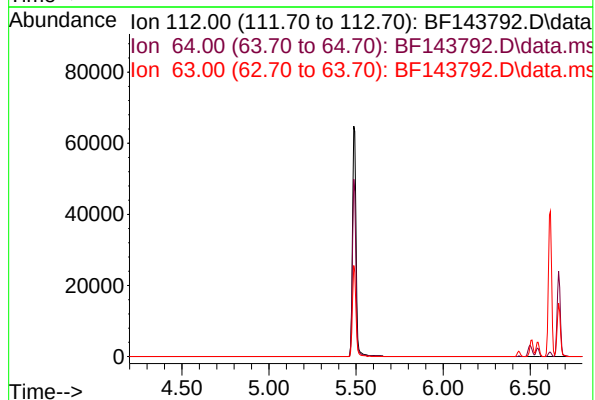
Tgt Ion: 112

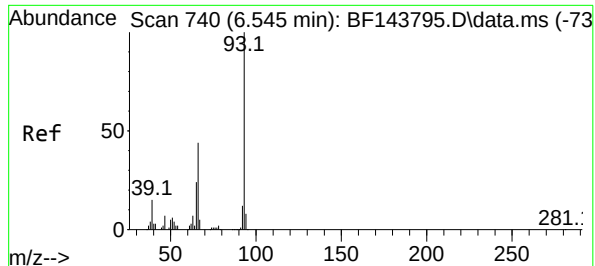
Sig Exp Ratio

112 100

64 78.7

63 40.8

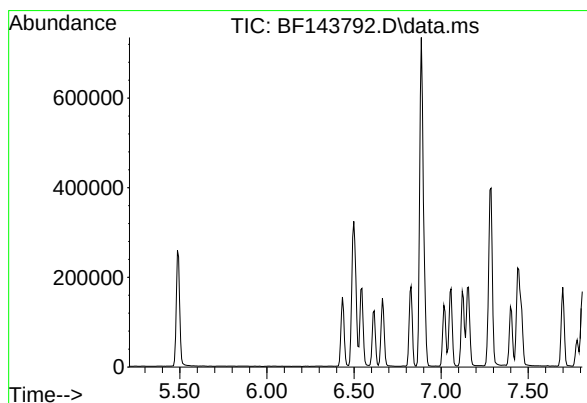
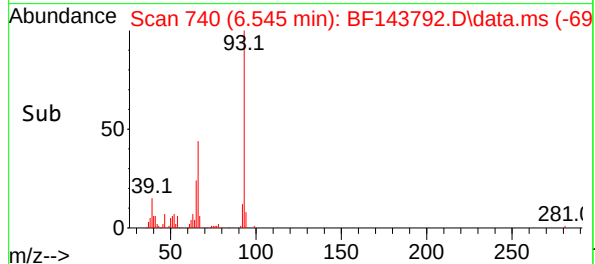
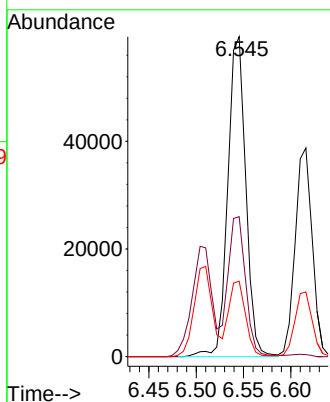
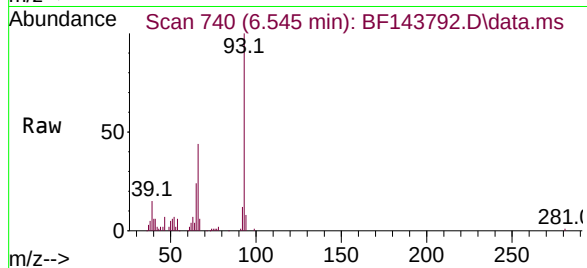




#6
Aniline
Concen: 5.530 ng
RT: 6.545 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

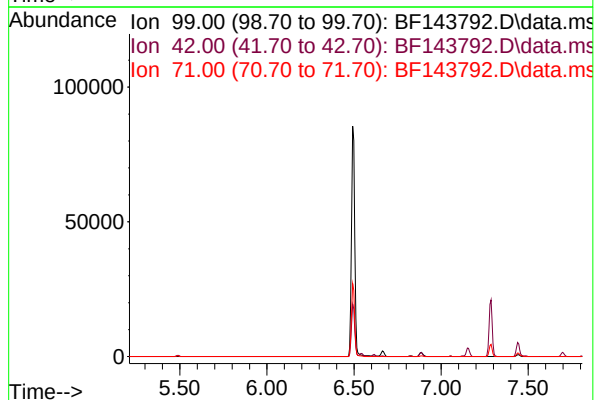
Tgt Ion: 93 Resp: 78570
Ion Ratio Lower Upper
93 100
66 43.7 37.1 55.7
65 23.6 19.4 29.0

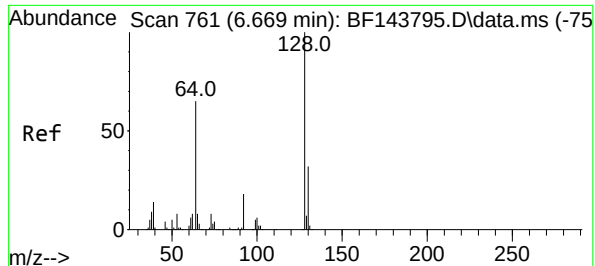


#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min

Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

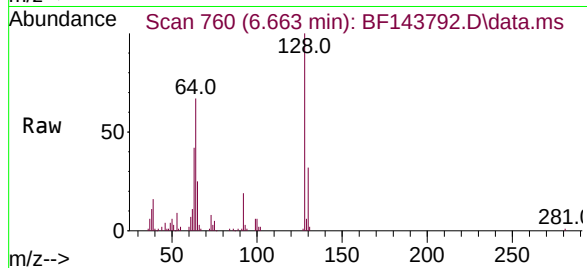
Tgt Ion: 99
Sig Exp Ratio
99 100
42 23.3
71 33.7



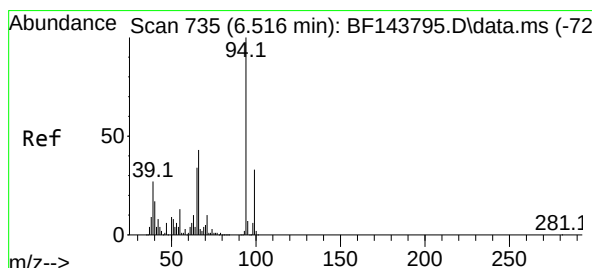
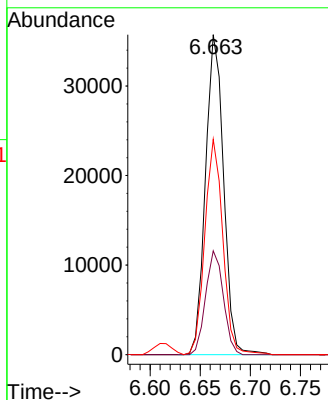
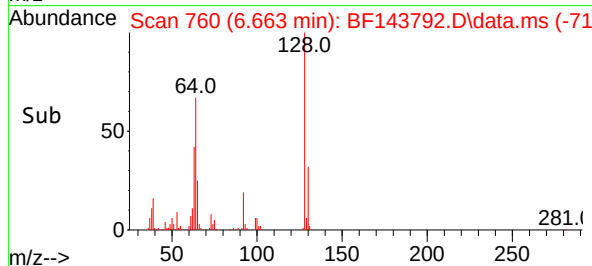


#8
2-Chlorophenol
Concen: 5.175 ng
RT: 6.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

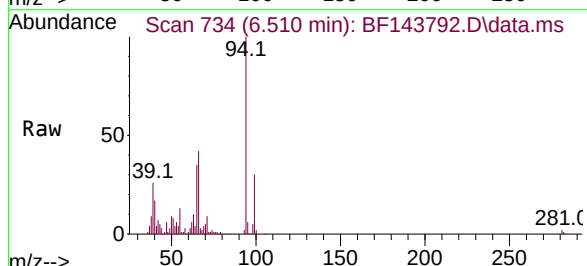
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



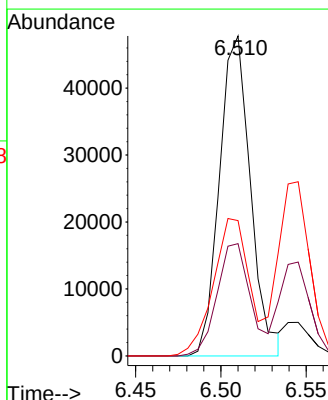
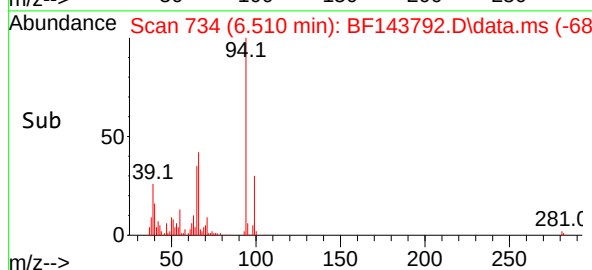
Tgt Ion:128 Resp: 44880
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 67.3 46.5 86.5

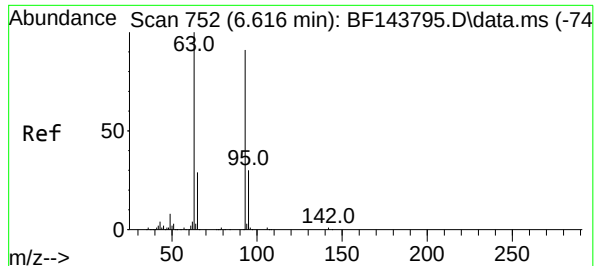


#10
Phenol
Concen: 5.328 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.018 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58



Tgt Ion: 94 Resp: 60619
Ion Ratio Lower Upper
94 100
65 35.1 14.2 54.2
66 42.3 24.1 64.1

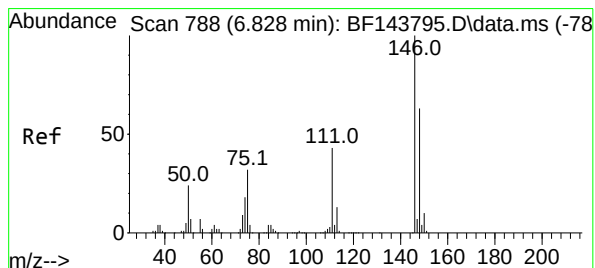
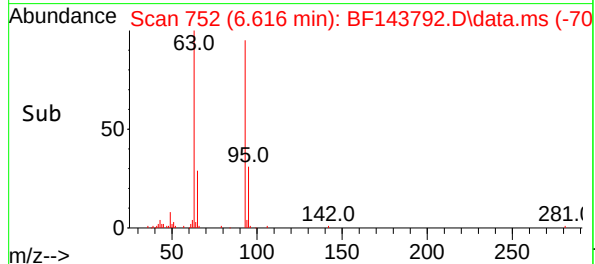
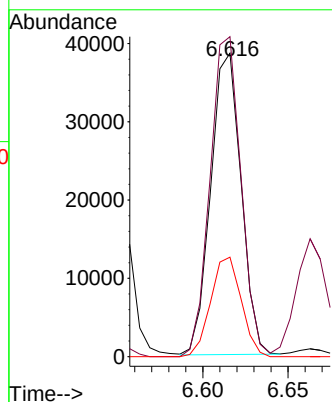
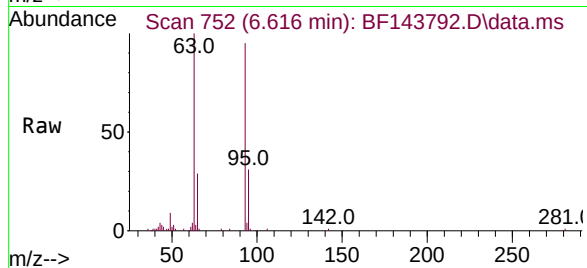




#11
bis(2-Chloroethyl)ether
Concen: 5.353 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

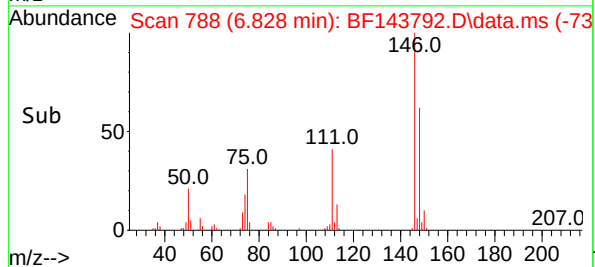
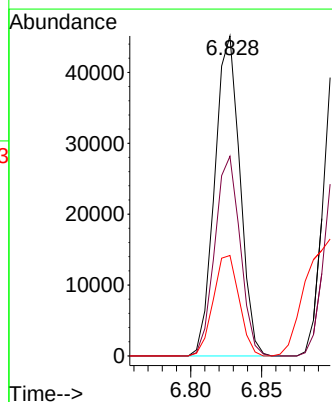
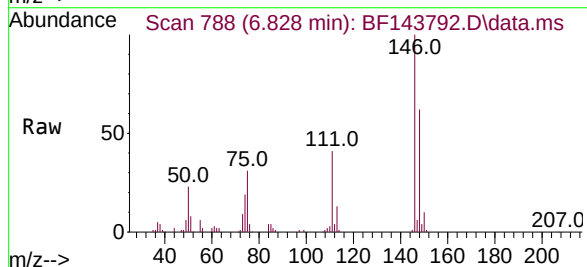
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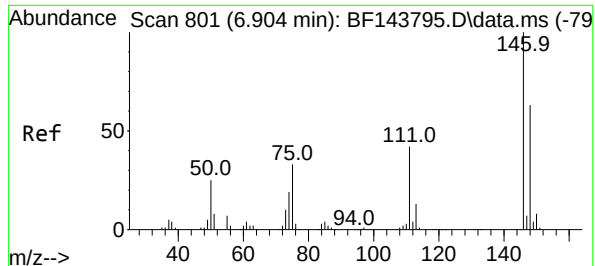
Tgt Ion: 93 Resp: 47743
Ion Ratio Lower Upper
93 100
63 105.4 89.2 129.2
95 32.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 5.544 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 146 Resp: 55825
Ion Ratio Lower Upper
146 100
148 62.4 50.4 75.6
75 31.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 5.594 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

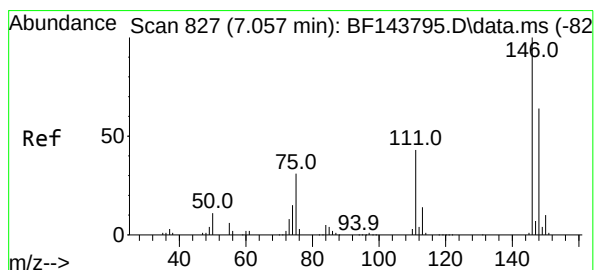
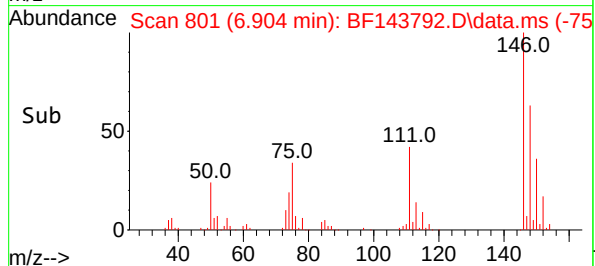
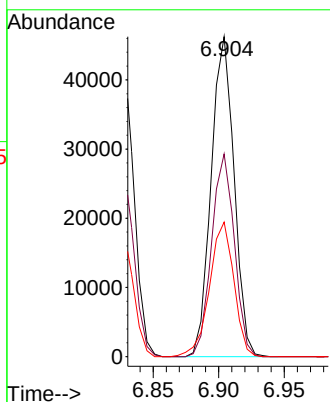
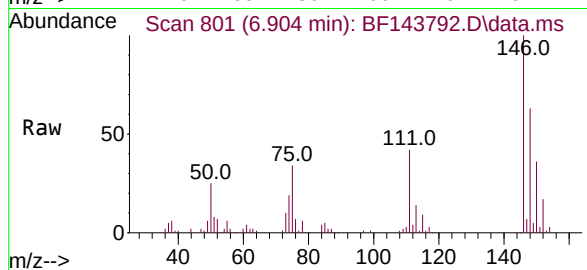
Tgt Ion:146 Resp: 56211

Ion Ratio Lower Upper

146 100

148 63.3 50.7 76.1

111 42.0 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 5.635 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

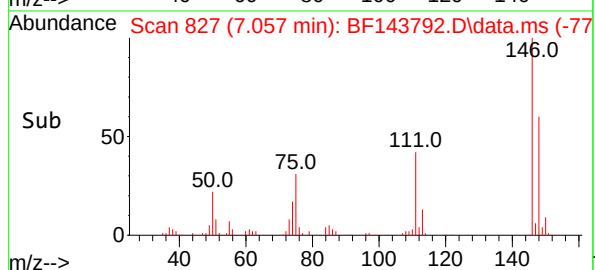
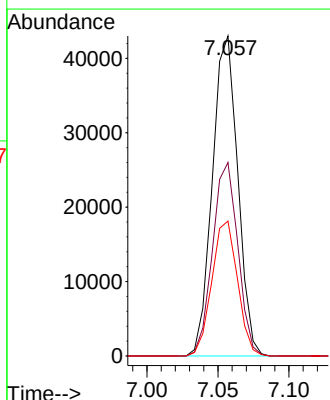
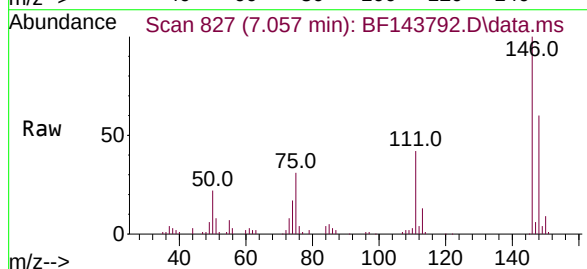
Tgt Ion:146 Resp: 53628

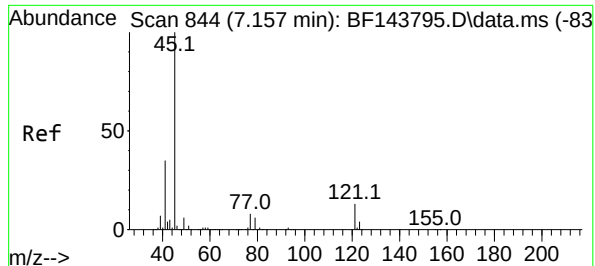
Ion Ratio Lower Upper

146 100

148 60.4 51.1 76.7

111 42.1 34.3 51.5

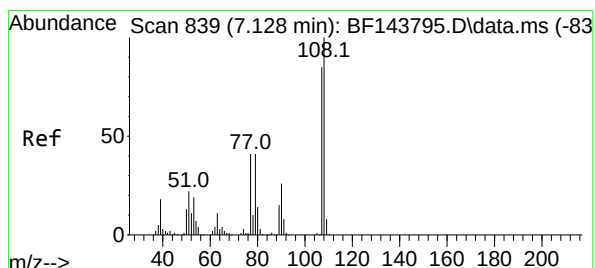
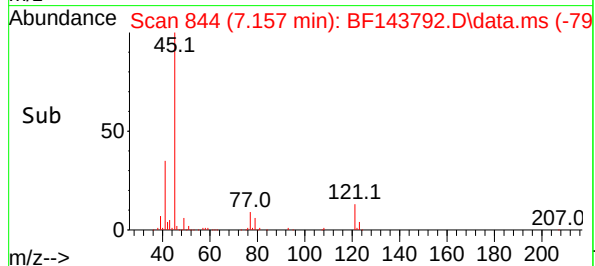
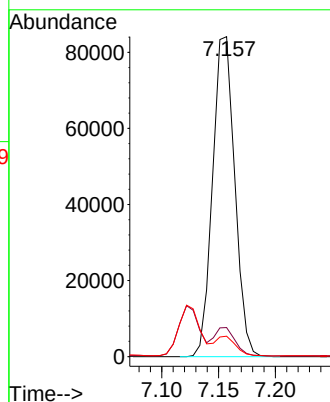
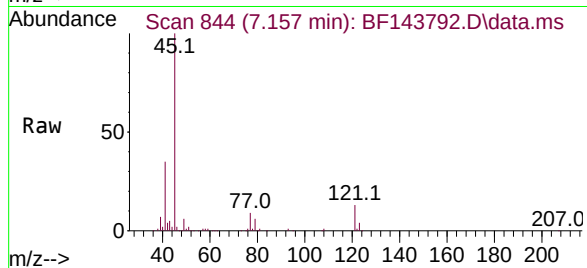




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.401 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

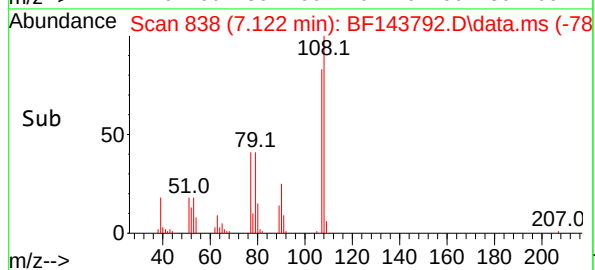
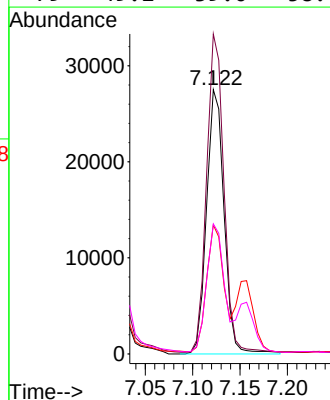
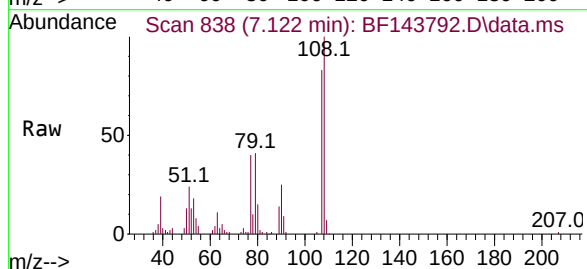
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

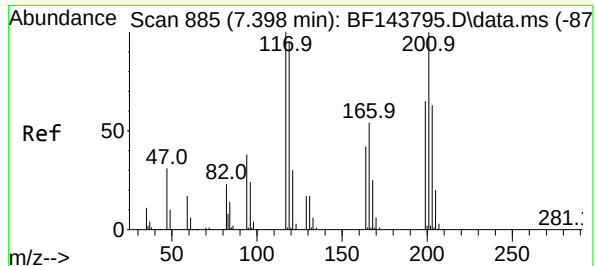
Tgt Ion:	45	Resp:	114228
Ion Ratio	Lower	Upper	
45	100		
77	9.1	0.0	28.5
79	6.4	0.0	26.3



#17
2-Methylphenol
Concen: 5.291 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:	107	Resp:	35529
Ion Ratio	Lower	Upper	
107	100		
108	121.1	94.2	141.4
77	48.8	38.6	58.0
79	49.2	39.0	58.4

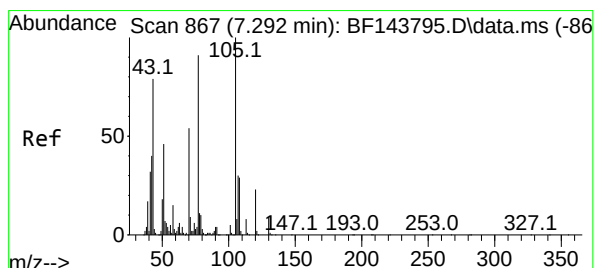
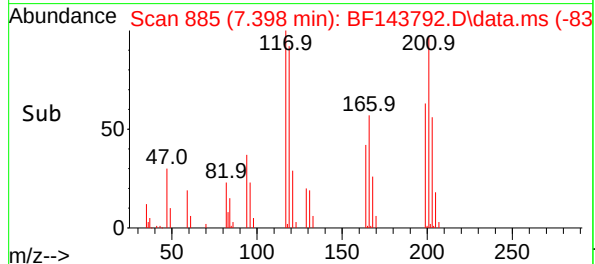
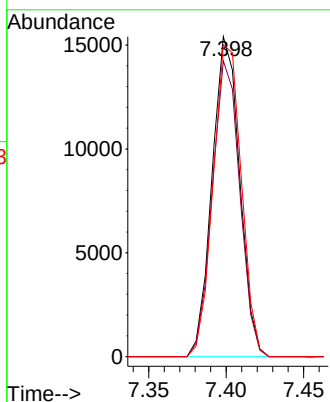
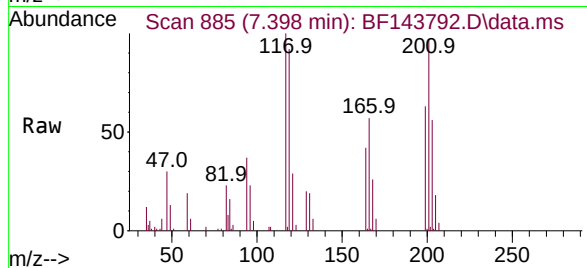




#18
Hexachloroethane
Concen: 5.400 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

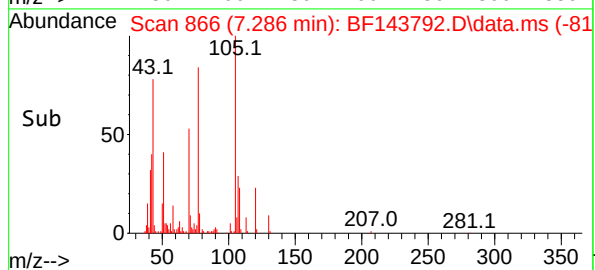
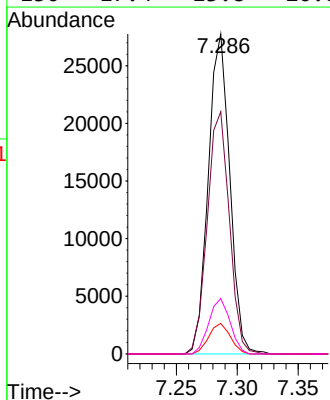
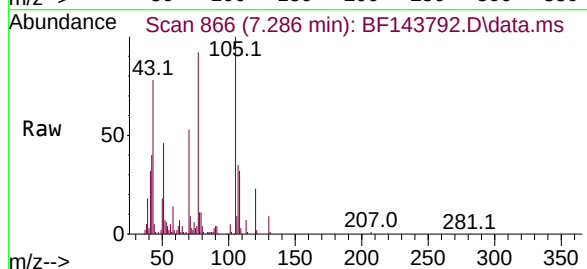
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

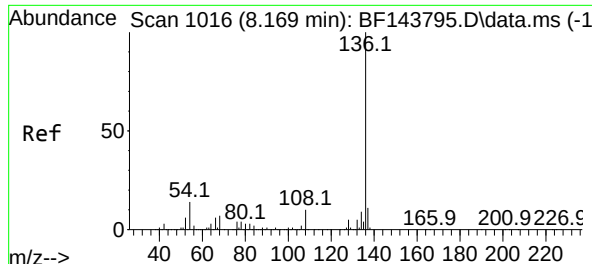
Tgt Ion:117 Resp: 19083
Ion Ratio Lower Upper
117 100
119 92.4 76.2 114.2
201 97.4 79.7 119.5



#19
n-Nitroso-di-n-propylamine
Concen: 5.415 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 70 Resp: 34084
Ion Ratio Lower Upper
70 100
42 75.7 59.4 89.0
101 9.5 7.1 10.7
130 17.4 13.8 20.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 513746

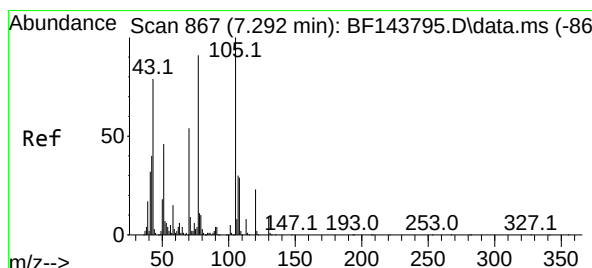
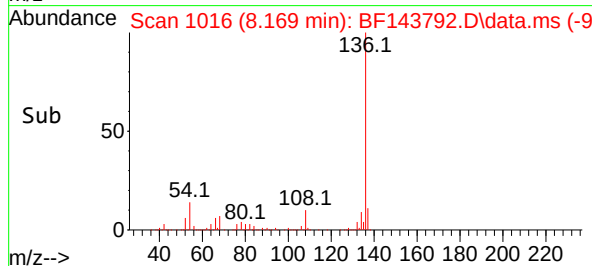
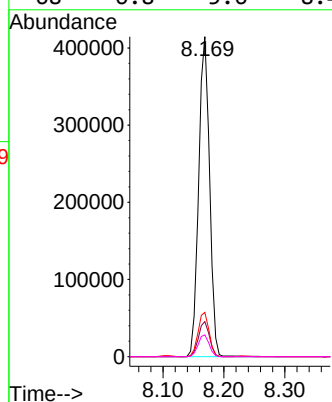
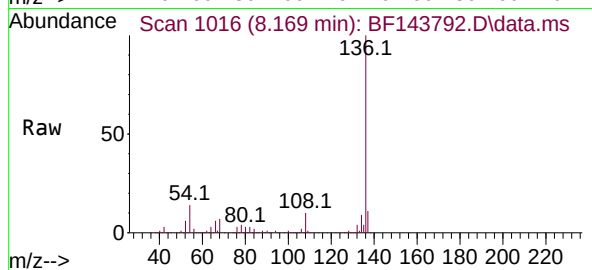
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 13.8 11.2 16.8

68 6.8 5.6 8.4



#22

Acetophenone

Concen: 5.691 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Tgt Ion:105 Resp: 64220

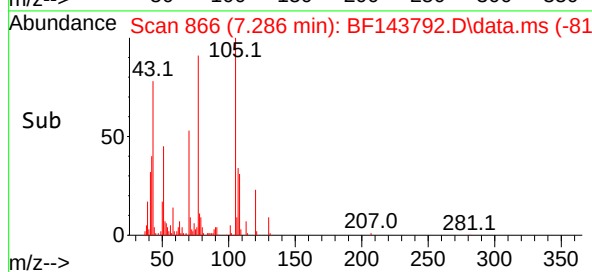
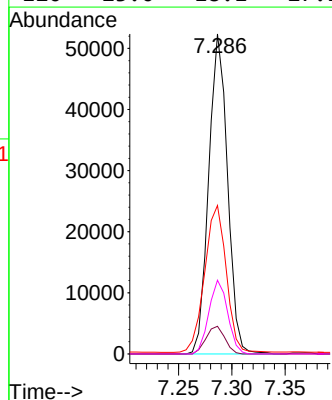
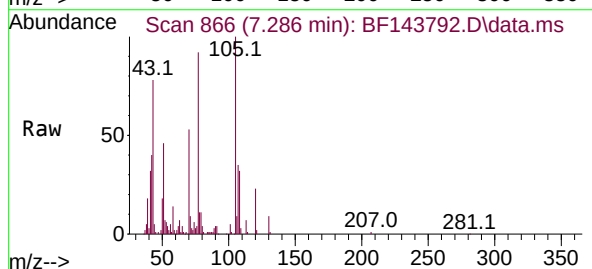
Ion Ratio Lower Upper

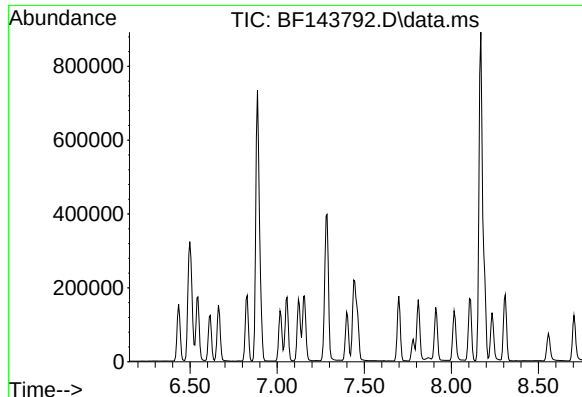
105 100

71 8.6 7.0 10.4

51 46.4 36.6 55.0

120 23.0 18.1 27.1





#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

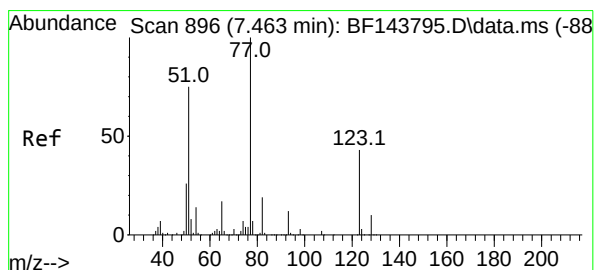
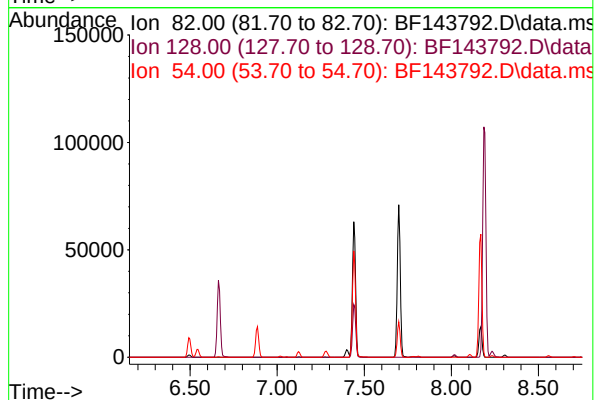
Tgt Ion: 82

Sig Exp Ratio

82 100

128 41.6

54 80.3



#24

Nitrobenzene

Concen: 4.994 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

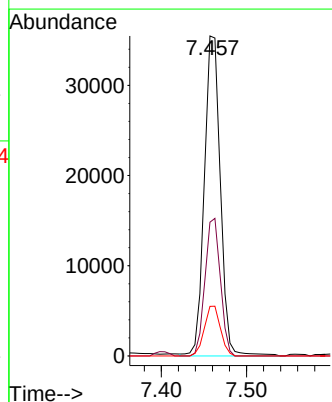
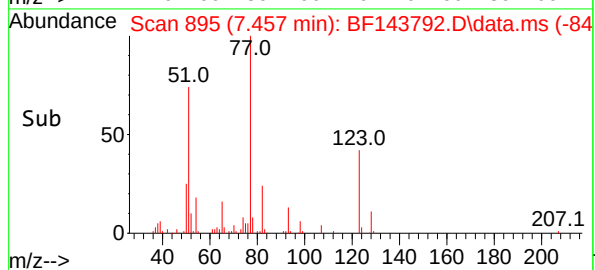
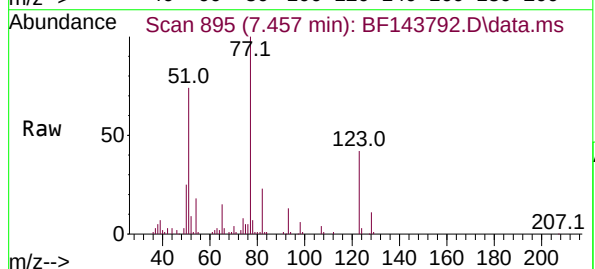
Tgt Ion: 77 Resp: 46458

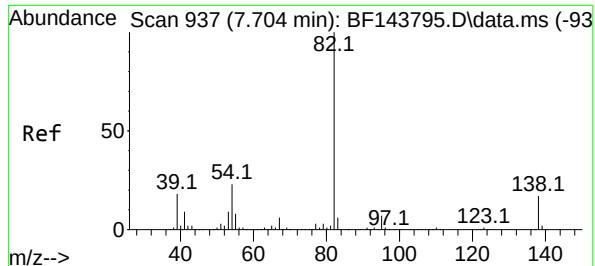
Ion Ratio Lower Upper

77 100

123 41.8 34.0 51.0

65 15.5 13.5 20.3

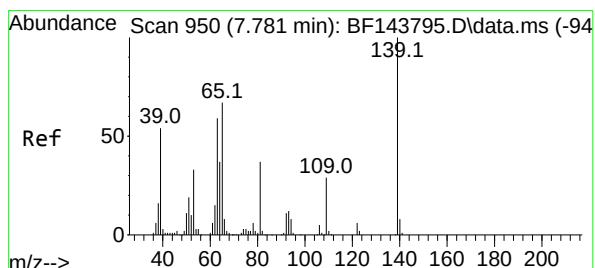
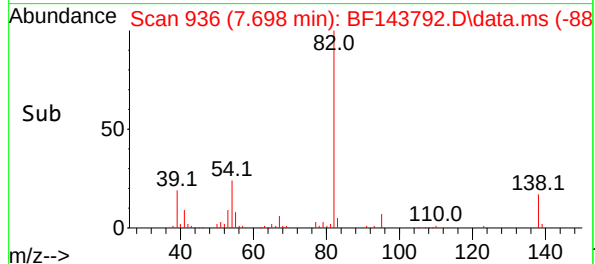
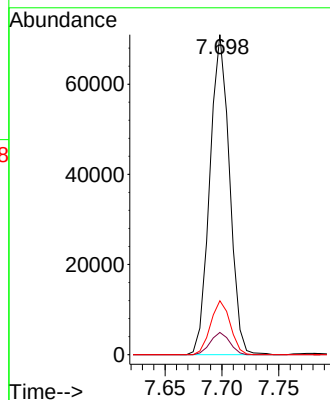
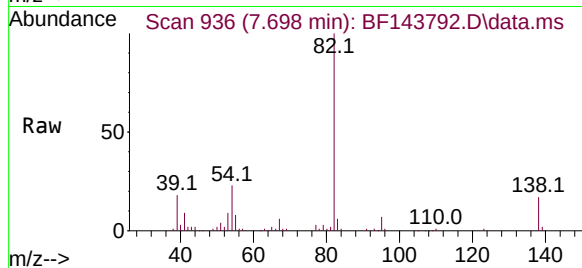




#25
Isophorone
Concen: 5.234 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

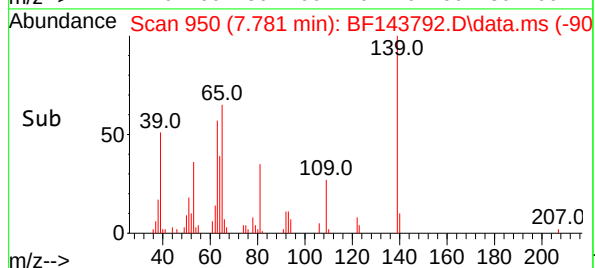
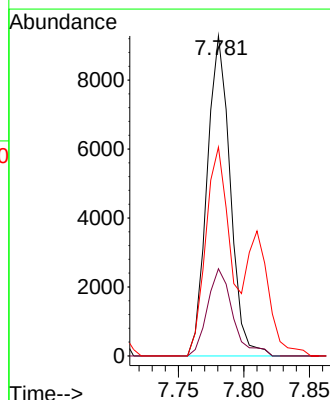
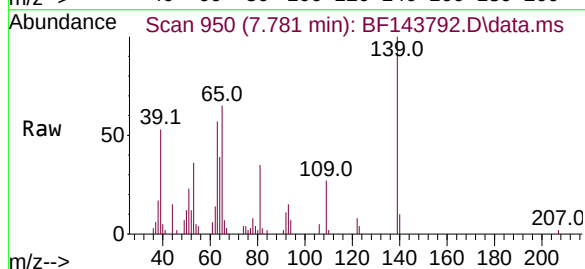
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

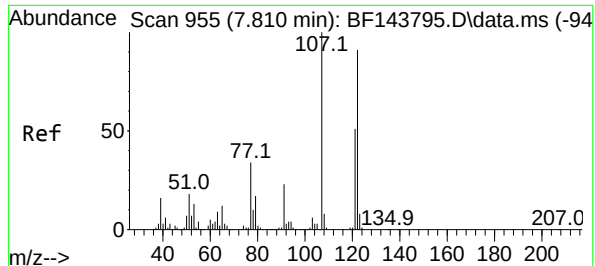
Tgt Ion:	82	Resp:	85608
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	16.8	13.7	20.5



#26
2-Nitrophenol
Concen: 5.528 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:	139	Resp:	11396
Ion Ratio	Lower	Upper	
139	100		
109	27.2	23.3	34.9
65	65.2	53.8	80.6





#27

2,4-Dimethylphenol

Concen: 5.122 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

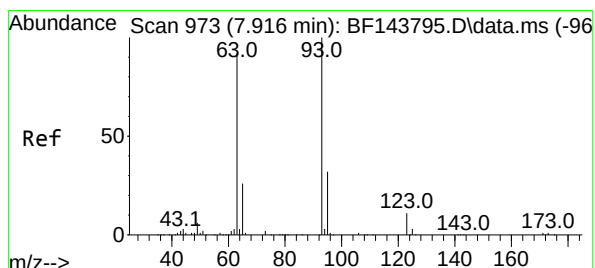
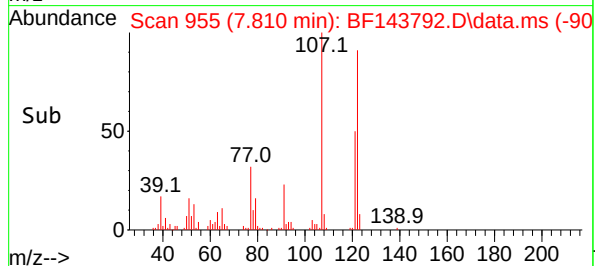
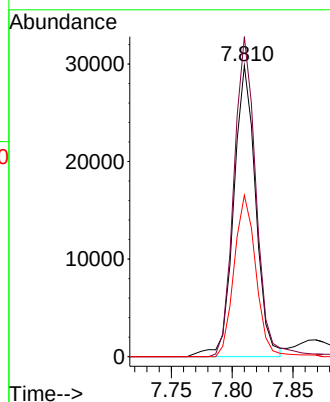
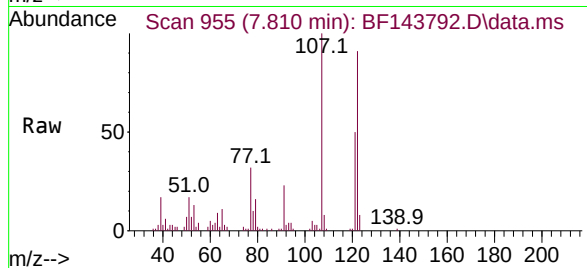
Tgt Ion:122 Resp: 37440

Ion Ratio Lower Upper

122 100

107 110.0 87.5 131.3

121 55.5 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 5.501 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

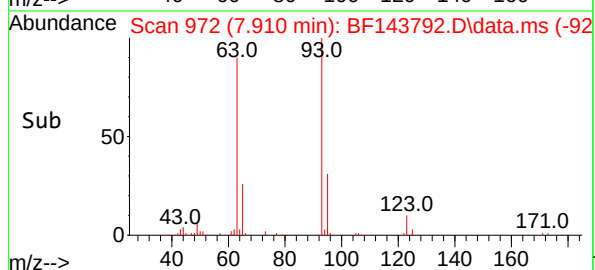
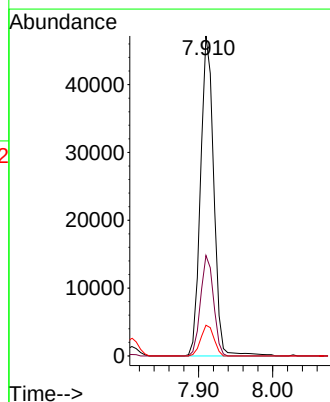
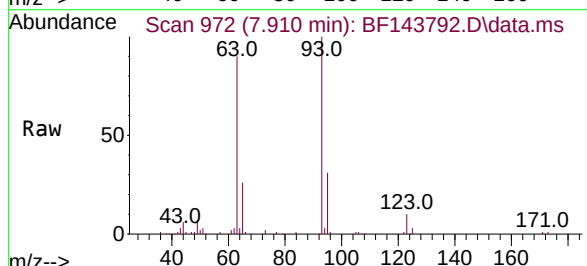
Tgt Ion: 93 Resp: 58456

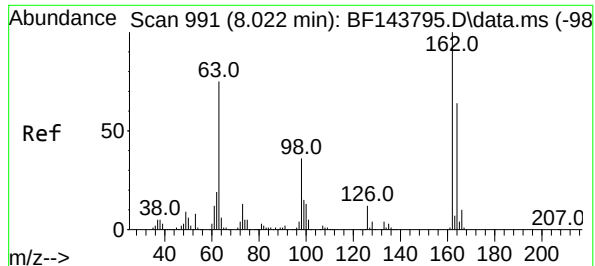
Ion Ratio Lower Upper

93 100

95 31.4 25.8 38.8

123 9.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 4.947 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

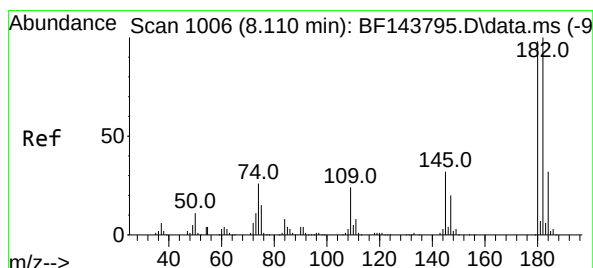
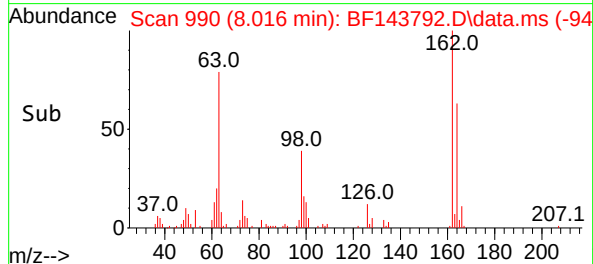
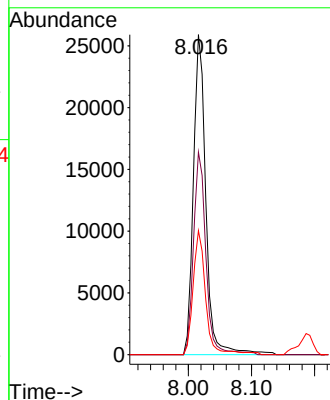
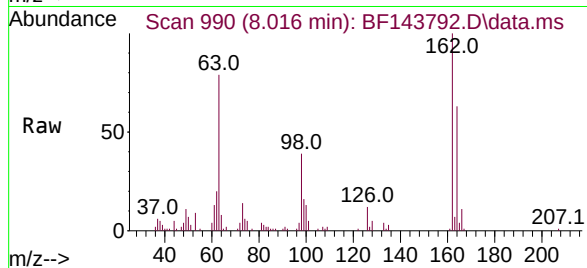
Tgt Ion:162 Resp: 35586

Ion Ratio Lower Upper

162 100

164 63.3 44.1 84.1

98 38.7 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 5.403 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

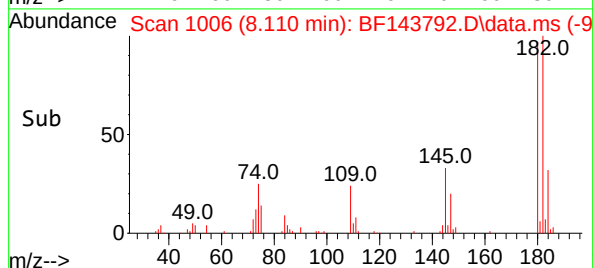
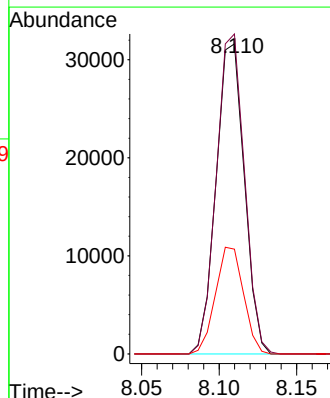
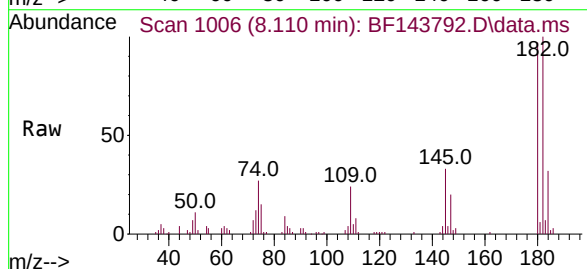
Tgt Ion:180 Resp: 40333

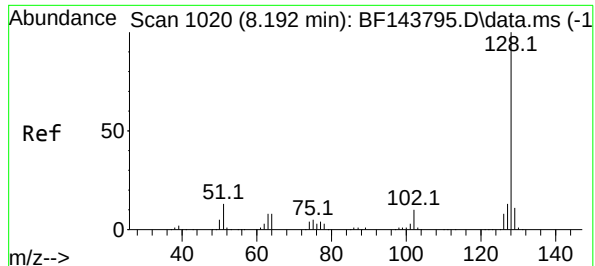
Ion Ratio Lower Upper

180 100

182 103.2 82.0 123.0

145 33.8 25.9 38.9





#31

Naphthalene

Concen: 5.523 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

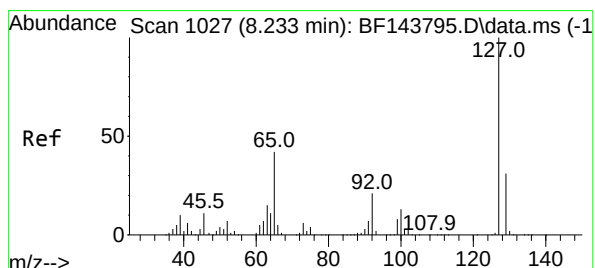
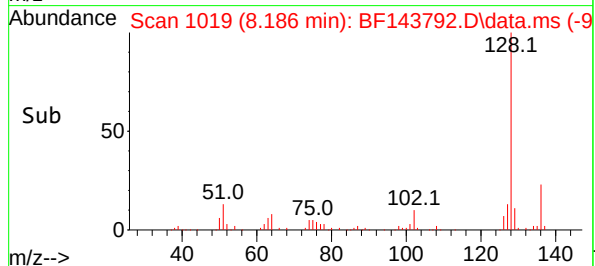
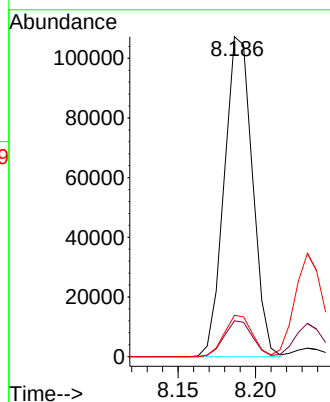
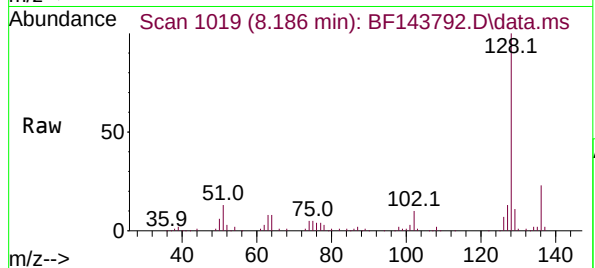
Tgt Ion:128 Resp: 135838

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 12.9 10.2 15.4



#33

4-Chloroaniline

Concen: 5.345 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Tgt Ion:127 Resp: 46191

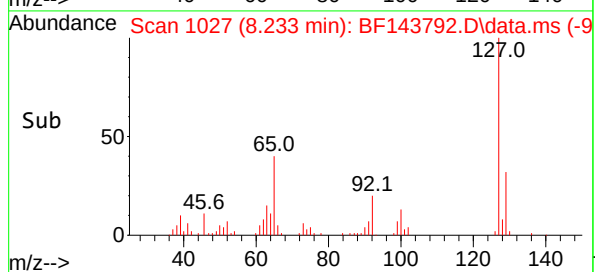
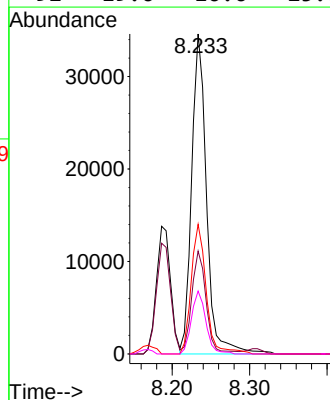
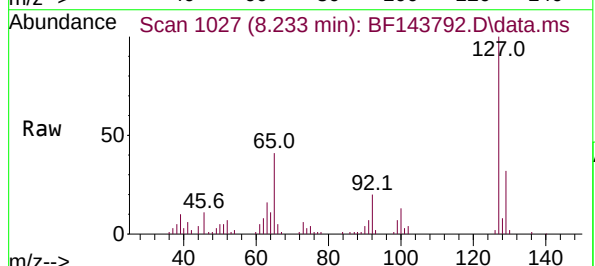
Ion Ratio Lower Upper

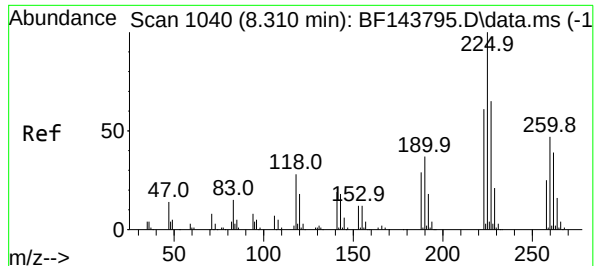
127 100

129 32.1 25.4 38.2

65 40.5 33.4 50.2

92 19.6 16.6 25.0





#34

Hexachlorobutadiene

Concen: 5.245 ng

RT: 8.310 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

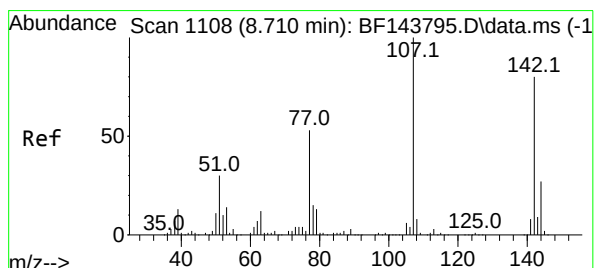
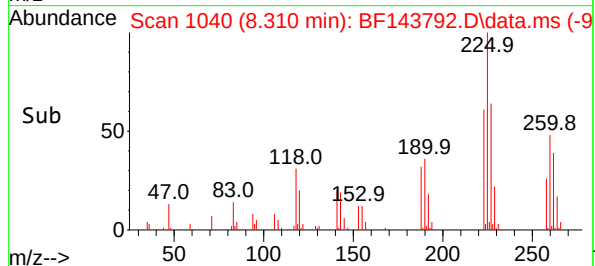
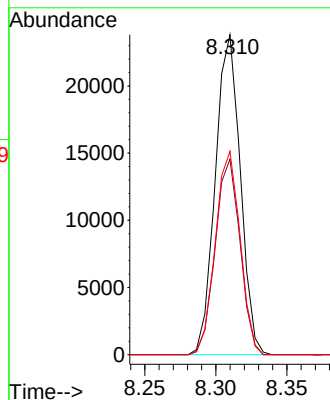
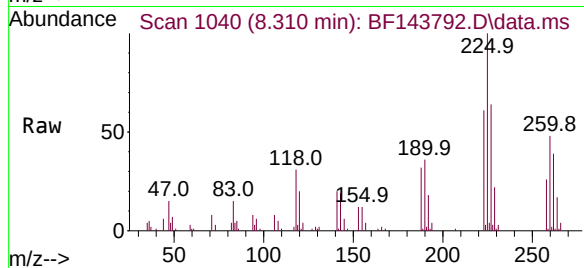
Tgt Ion:225 Resp: 29187

Ion Ratio Lower Upper

225 100

223 61.1 48.6 72.8

227 63.5 51.9 77.9



#36

4-Chloro-3-methylphenol

Concen: 5.152 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

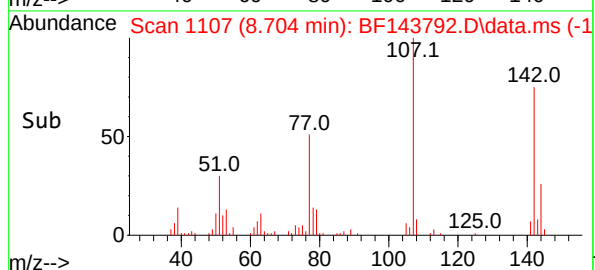
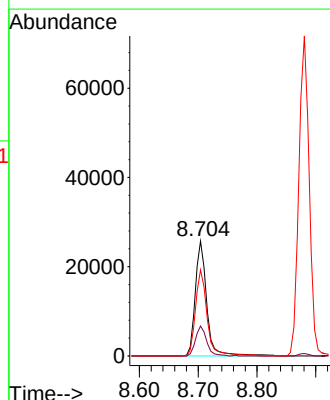
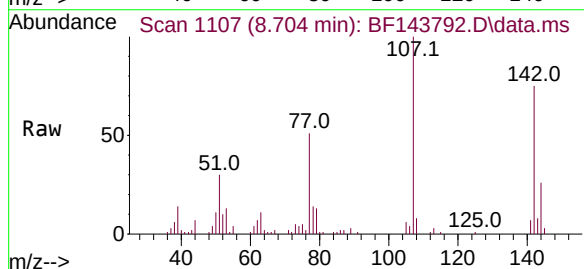
Tgt Ion:107 Resp: 34756

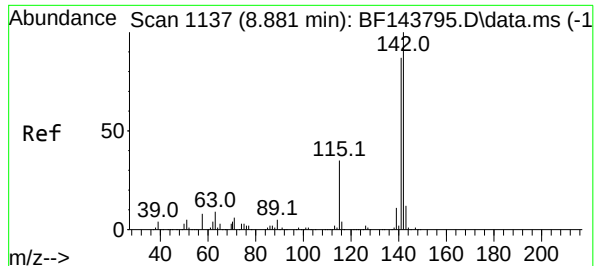
Ion Ratio Lower Upper

107 100

144 26.0 21.8 32.8

142 74.9 63.6 95.4





#37

2-Methylnaphthalene

Concen: 5.612 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

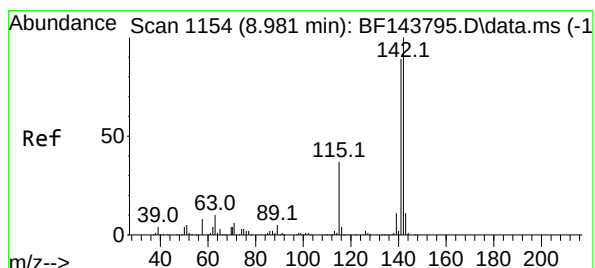
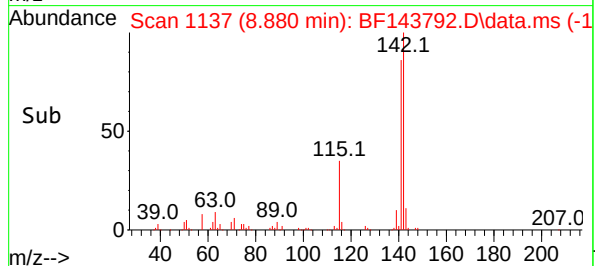
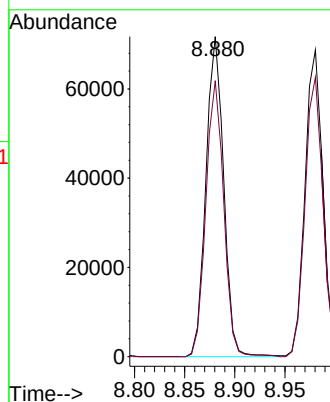
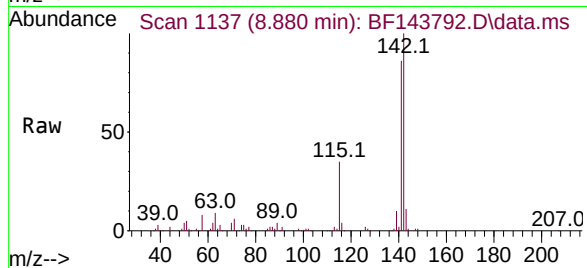
SSTDICC005

Tgt Ion:142 Resp: 88002

Ion Ratio Lower Upper

142 100

141 86.2 69.4 104.0



#38

1-Methylnaphthalene

Concen: 5.609 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143792.D

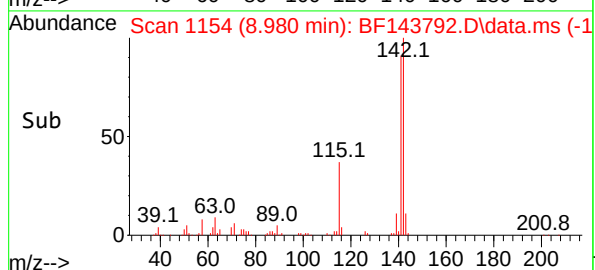
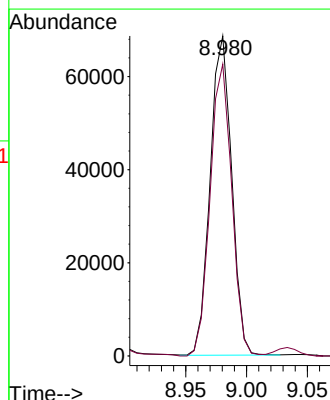
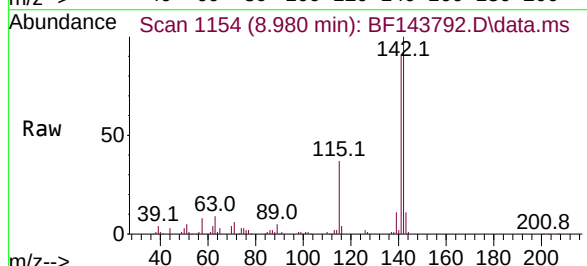
Acq: 23 Sep 2025 10:58

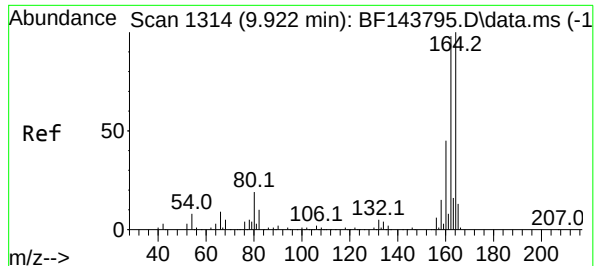
Tgt Ion:142 Resp: 84197

Ion Ratio Lower Upper

142 100

141 91.2 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

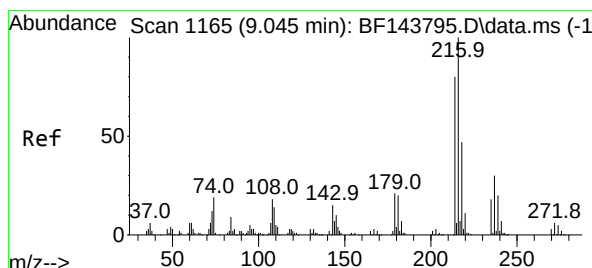
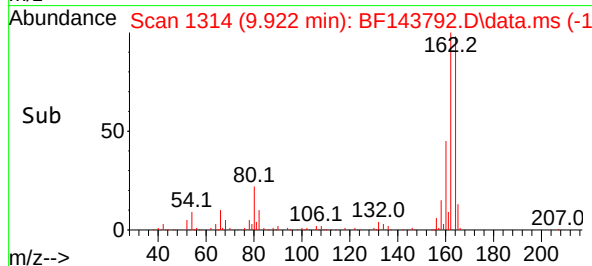
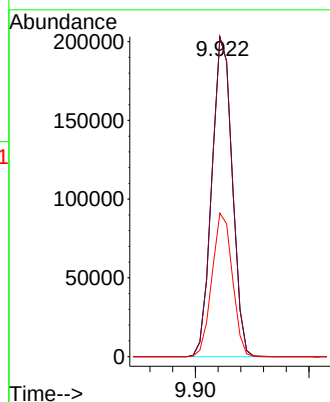
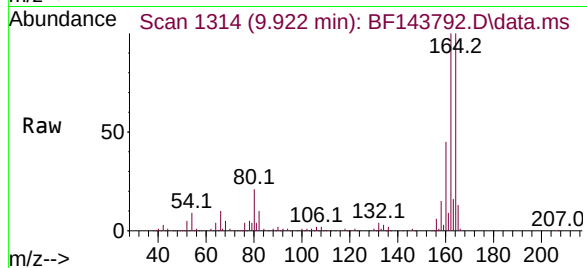
Tgt Ion:164 Resp: 252917

Ion Ratio Lower Upper

164 100

162 99.7 78.8 118.2

160 44.8 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.441 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Tgt Ion:216 Resp: 41527

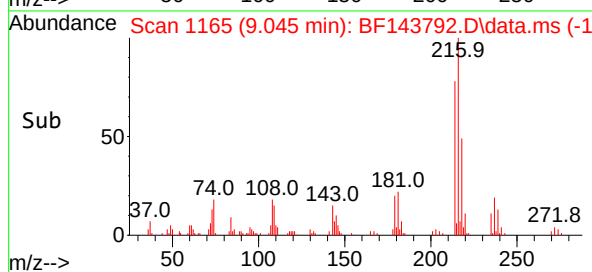
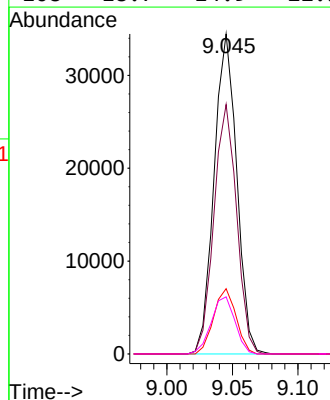
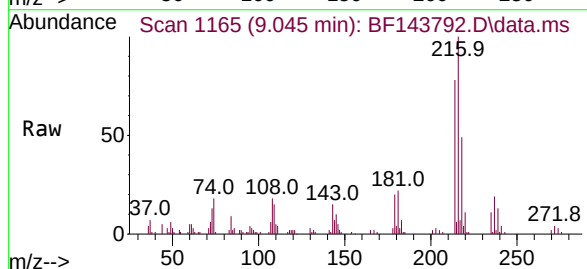
Ion Ratio Lower Upper

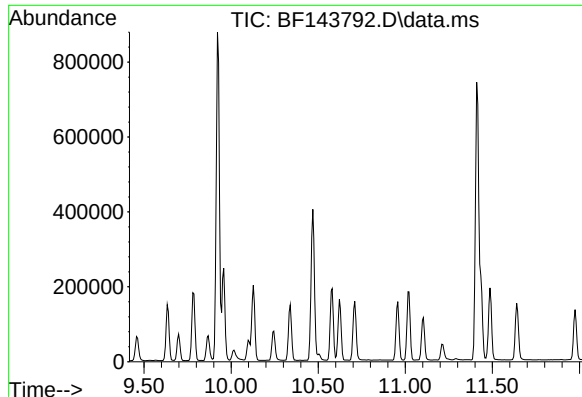
216 100

214 77.9 63.7 95.5

179 20.2 16.5 24.7

108 18.7 14.9 22.3





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

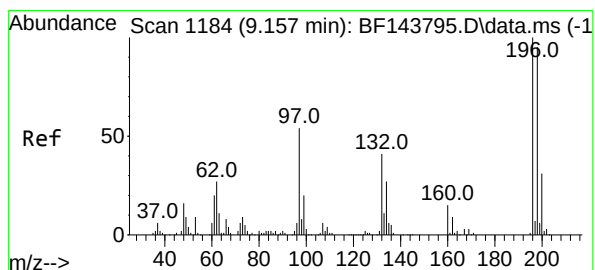
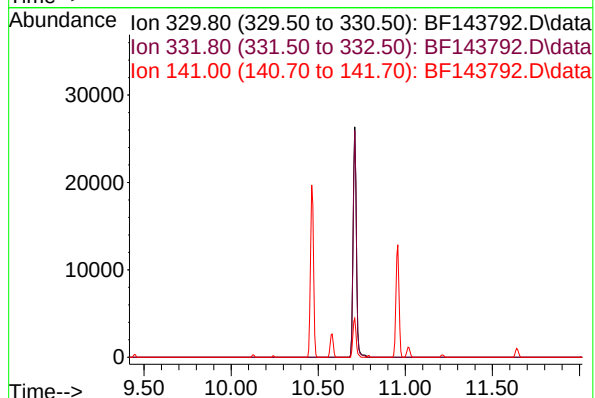
Tgt Ion: 330

Sig Exp Ratio

330 100

332 93.4

141 17.9



#43

2,4,6-Trichlorophenol

Concen: 4.555 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

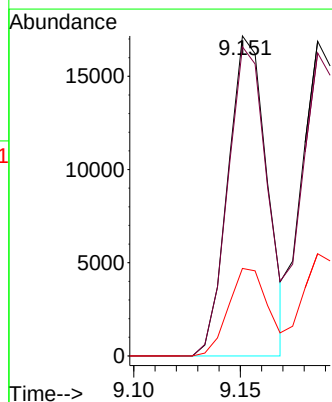
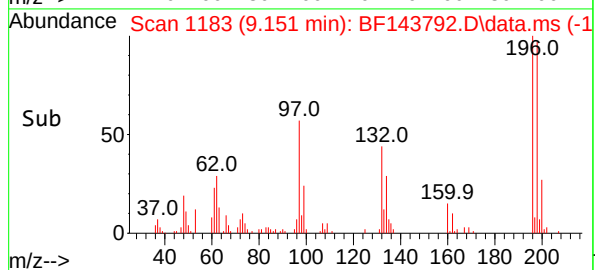
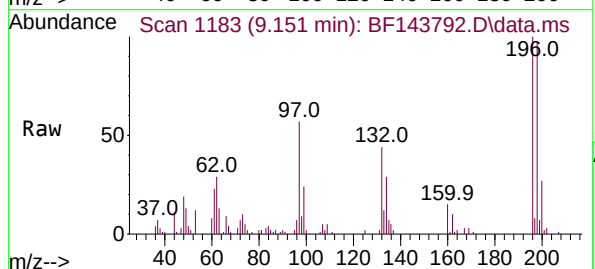
Tgt Ion:196 Resp: 21768

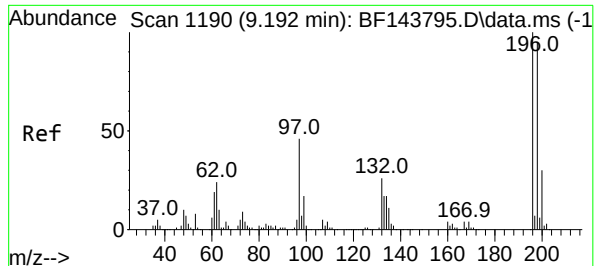
Ion Ratio Lower Upper

196 100

198 96.6 76.2 114.2

200 27.3 24.7 37.1





#44

2,4,5-Trichlorophenol

Concen: 4.692 ng

RT: 9.186 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143792.D

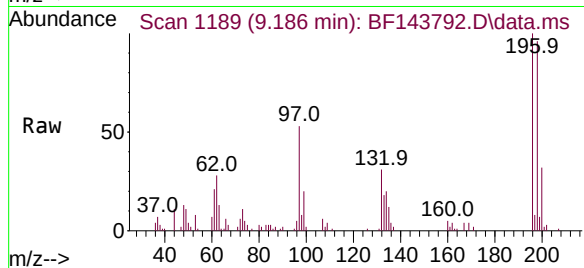
Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:196 Resp: 23454

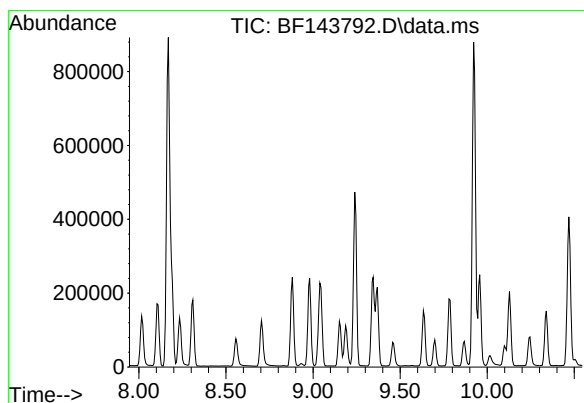
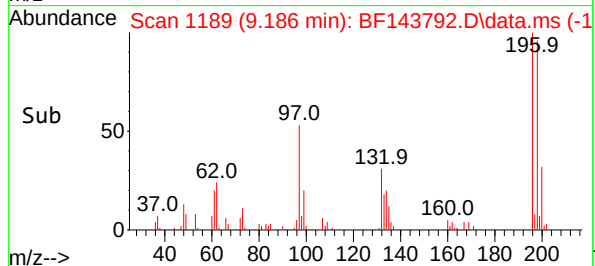
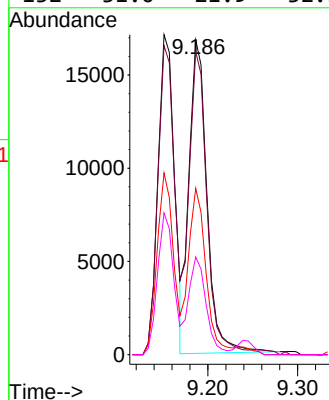
Ion Ratio Lower Upper

196 100

198 96.3 75.9 113.9

97 52.8 38.3 57.5

132 31.0 21.9 32.9



#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.25 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

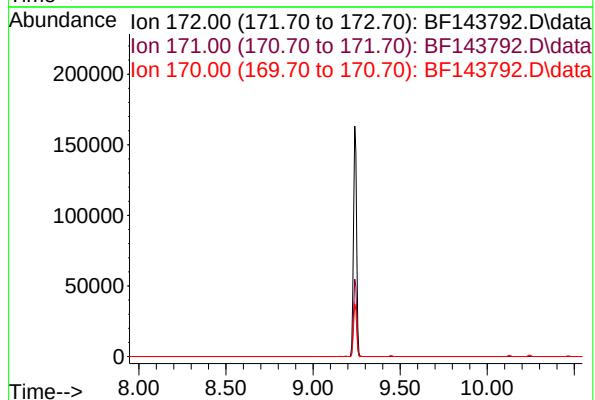
Tgt Ion: 172

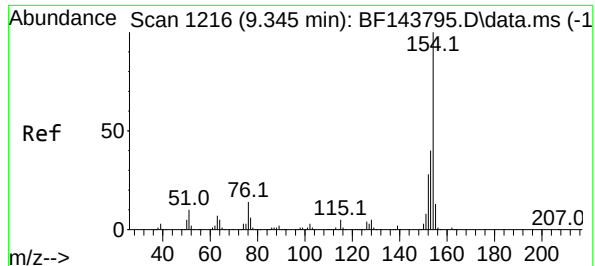
Sig Exp Ratio

172 100

171 34.9

170 23.9





#46

1,1'-Biphenyl

Concen: 5.552 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

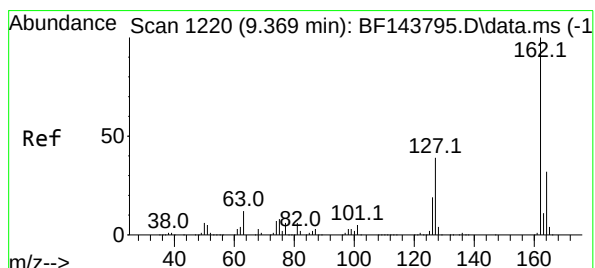
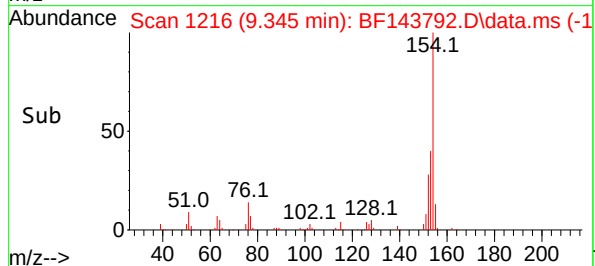
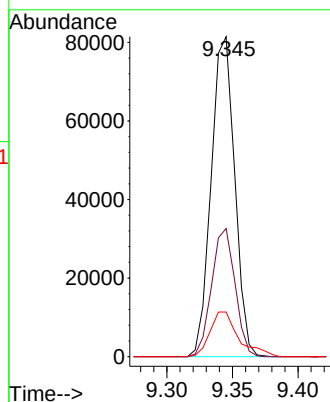
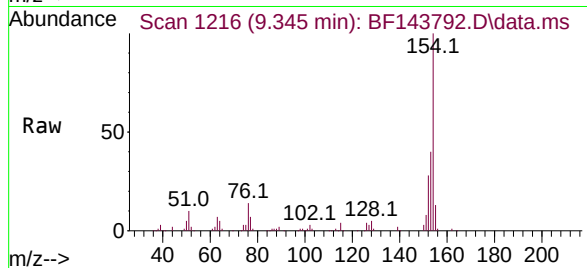
Tgt Ion:154 Resp: 101651

Ion Ratio Lower Upper

154 100

153 40.0 19.7 59.7

76 13.9 0.0 33.8



#47

2-Chloronaphthalene

Concen: 5.504 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

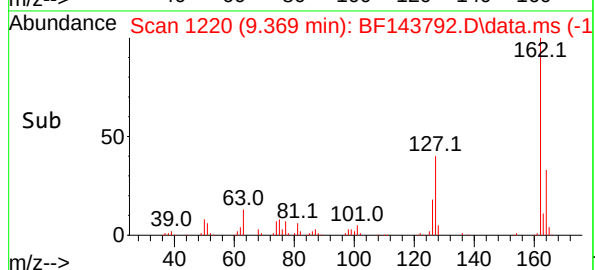
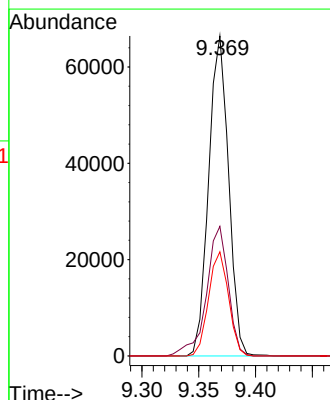
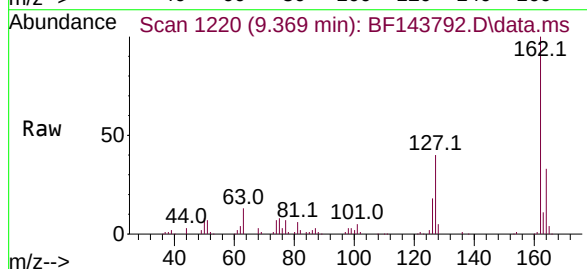
Tgt Ion:162 Resp: 81117

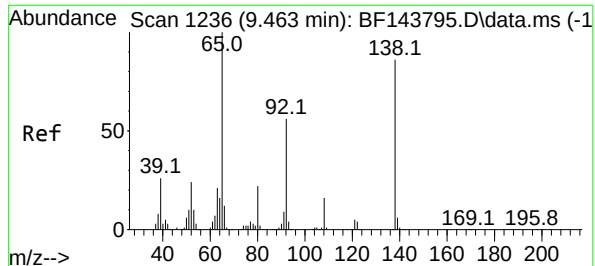
Ion Ratio Lower Upper

162 100

127 40.5 31.5 47.3

164 32.5 25.9 38.9





#48

2-Nitroaniline

Concen: 3.427 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

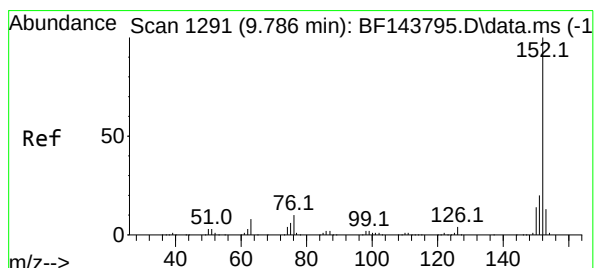
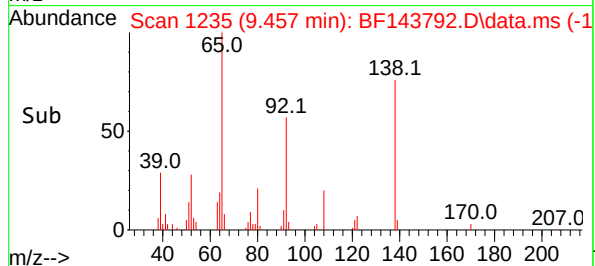
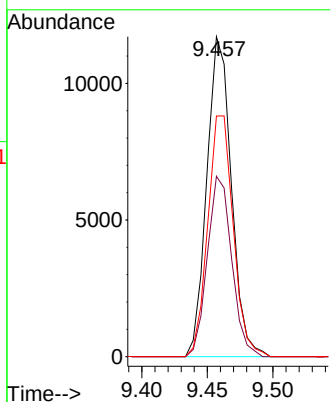
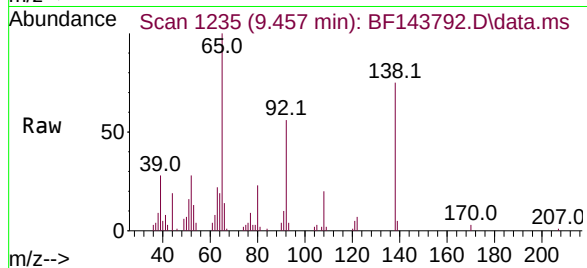
Tgt Ion: 65 Resp: 15262

Ion Ratio Lower Upper

65 100

92 56.4 44.9 67.3

138 75.2 69.0 103.4



#49

Acenaphthylene

Concen: 5.389 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

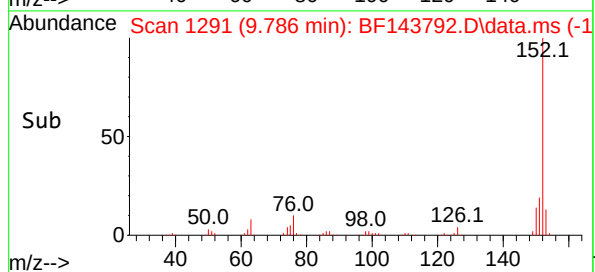
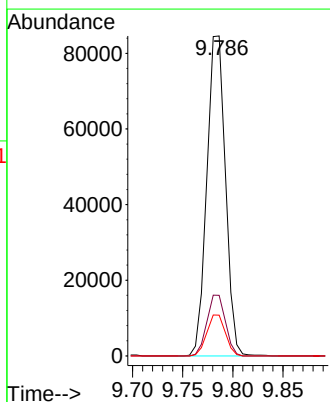
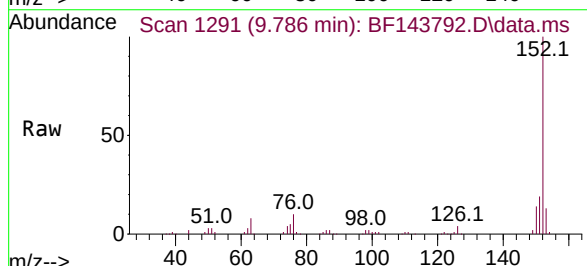
Tgt Ion: 152 Resp: 109327

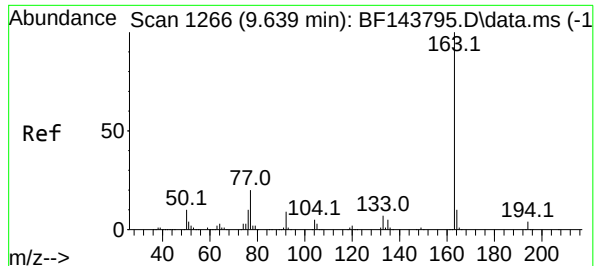
Ion Ratio Lower Upper

152 100

151 18.9 15.7 23.5

153 12.7 10.6 15.8

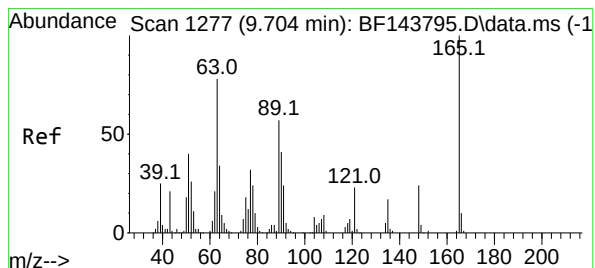
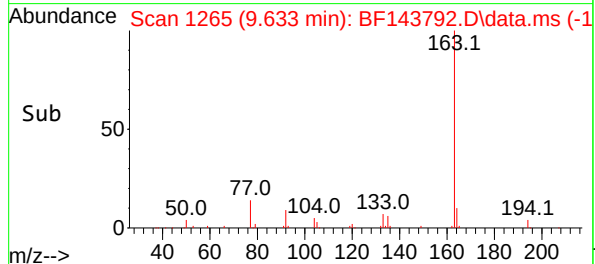
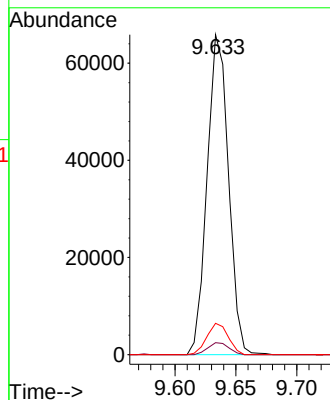
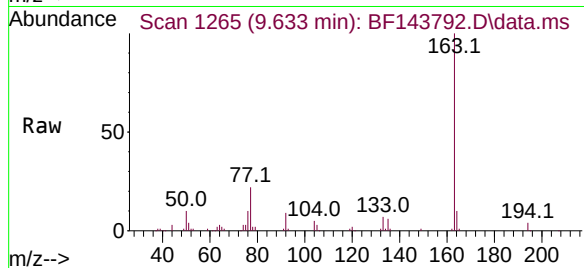




#50
Dimethylphthalate
Concen: 5.229 ng
RT: 9.633 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

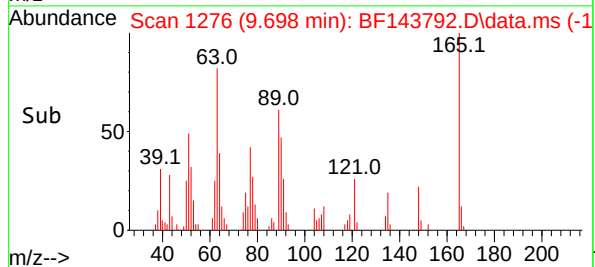
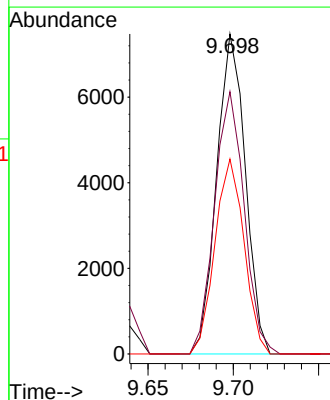
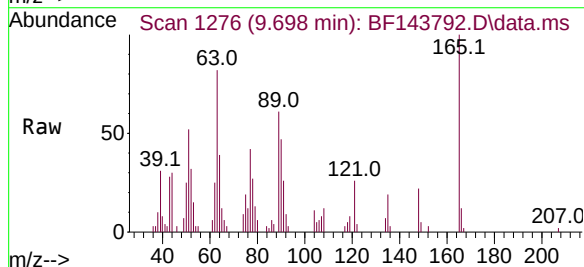
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

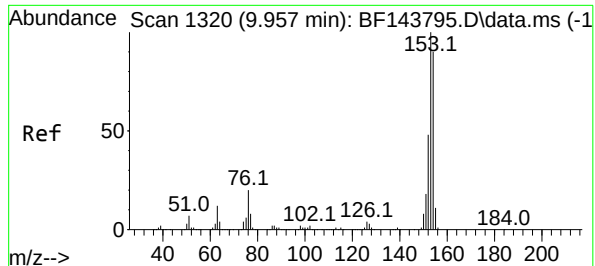
Tgt Ion:163 Resp: 80614
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 9.8 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 3.452 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:165 Resp: 8744
Ion Ratio Lower Upper
165 100
63 81.9 62.6 94.0
89 60.9 45.2 67.8

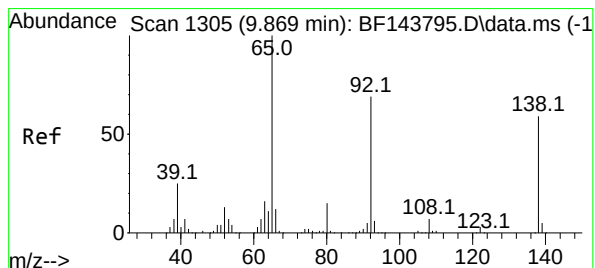
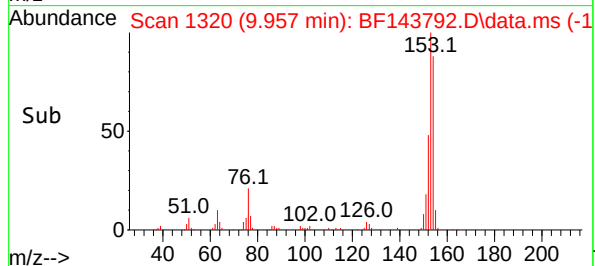
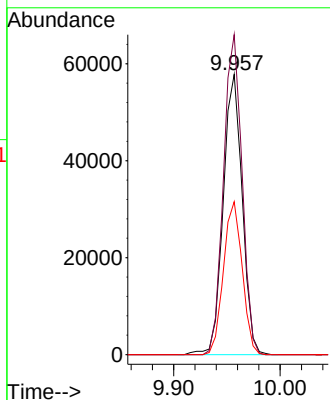
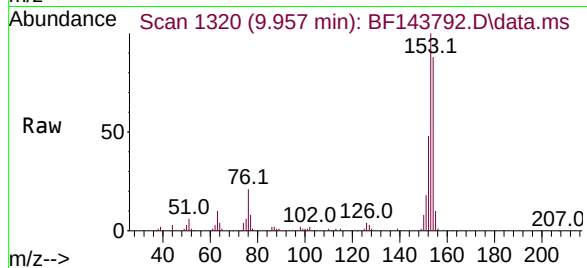




#52
Acenaphthene
Concen: 5.372 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

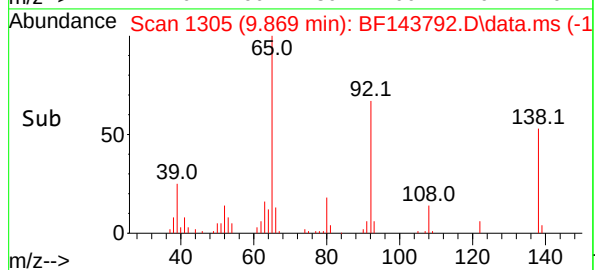
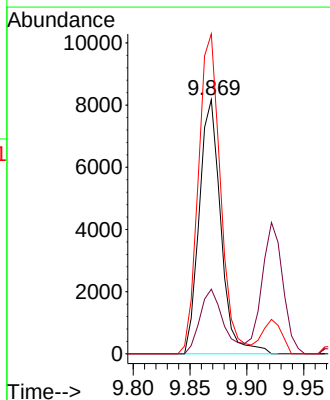
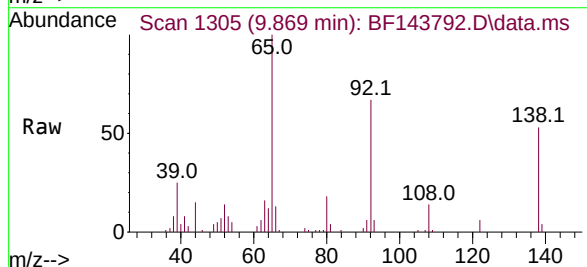
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

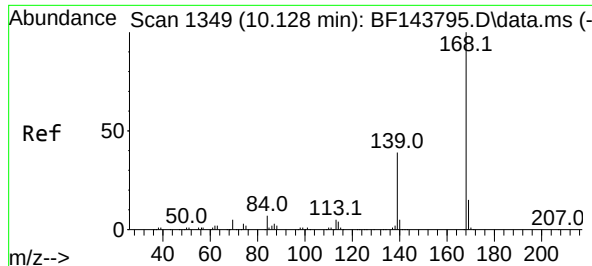
Tgt Ion:154 Resp: 71713
Ion Ratio Lower Upper
154 100
153 114.2 88.7 133.1
152 54.6 42.7 64.1



#53
3-Nitroaniline
Concen: 3.526 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:138 Resp: 10825
Ion Ratio Lower Upper
138 100
108 25.4 9.9 14.9#
92 125.9 93.5 140.3





#55

Dibenzenofuran

Concen: 5.524 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

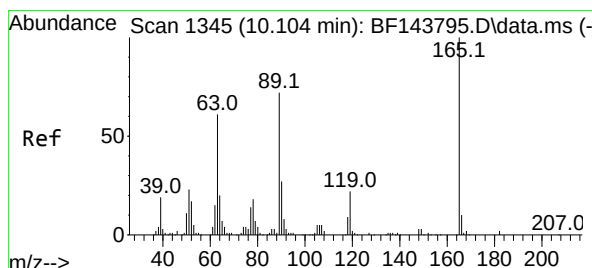
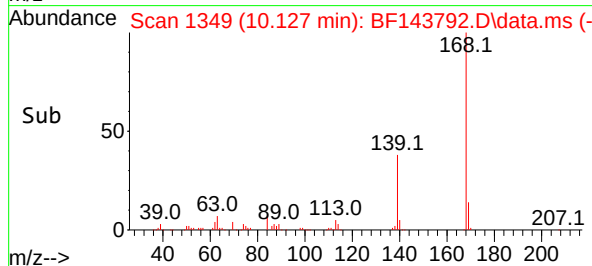
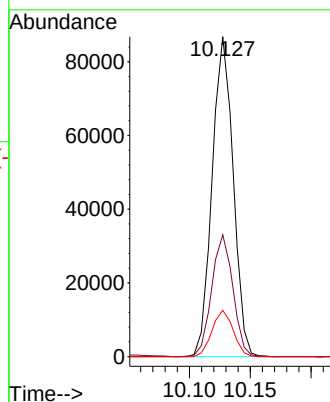
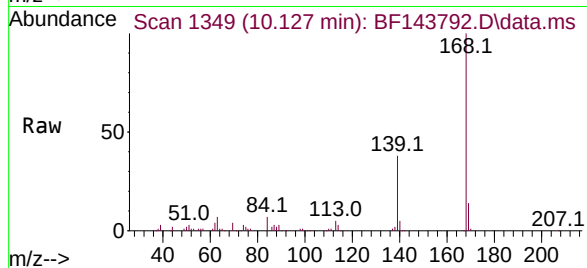
Tgt Ion:168 Resp: 104283

Ion Ratio Lower Upper

168 100

139 38.1 31.0 46.6

169 14.5 11.9 17.9



#57

2,4-Dinitrotoluene

Concen: 5.298 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.012 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Tgt Ion:165 Resp: 9518

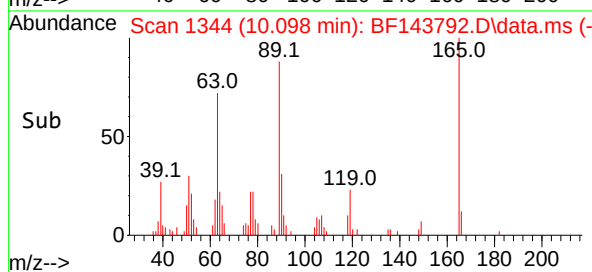
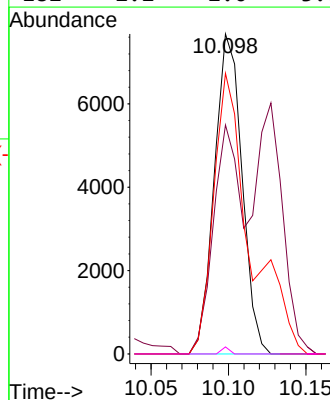
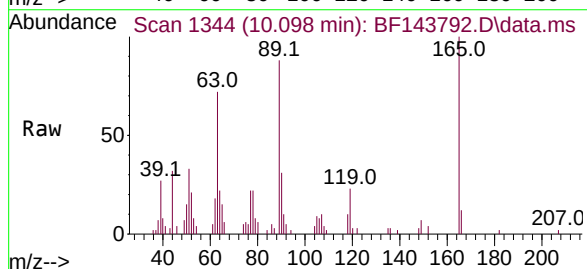
Ion Ratio Lower Upper

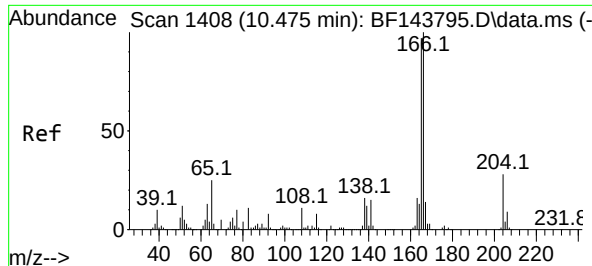
165 100

63 71.5 48.9 73.3

89 87.7 57.5 86.3#

182 2.2 2.0 3.0

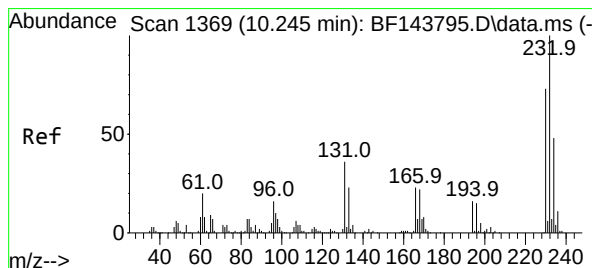
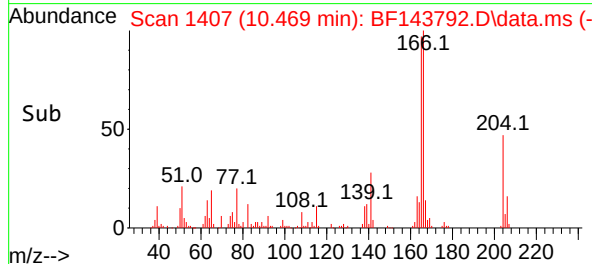
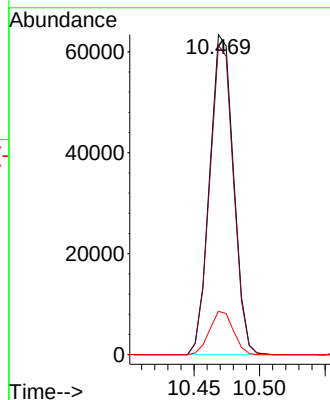
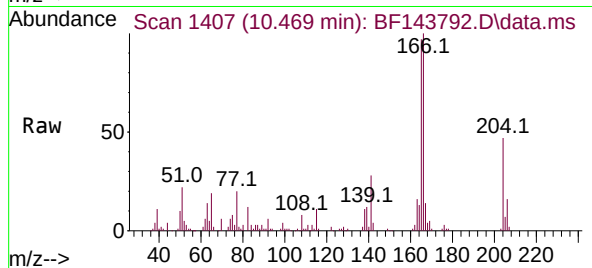




#58
Fluorene
Concen: 5.745 ng
RT: 10.469 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

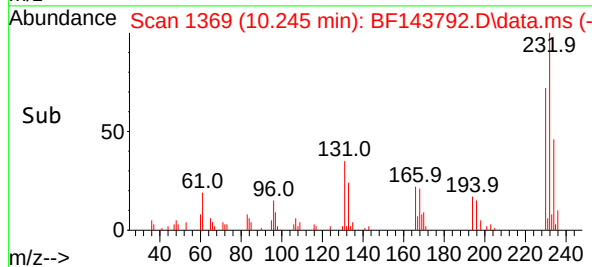
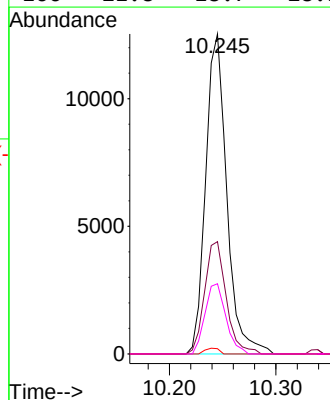
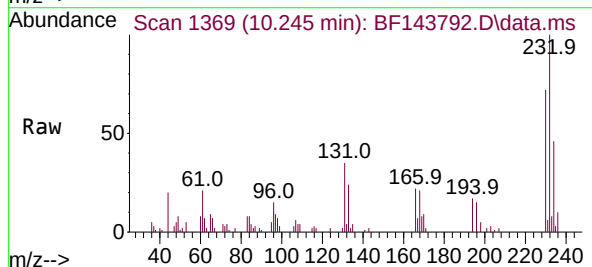
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

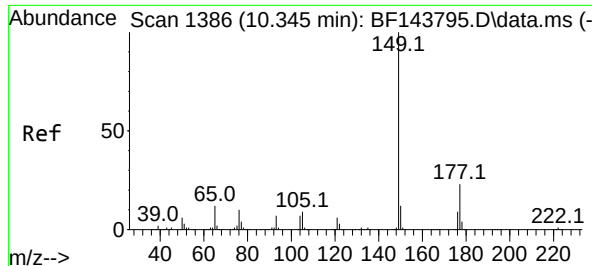
Tgt Ion:166 Resp: 80629
Ion Ratio Lower Upper
166 100
165 96.7 78.0 117.0
167 13.5 10.9 16.3



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.017 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:232 Resp: 17203
Ion Ratio Lower Upper
232 100
131 35.9 29.4 44.2
130 1.2 1.3 1.9#
166 21.8 18.7 28.1

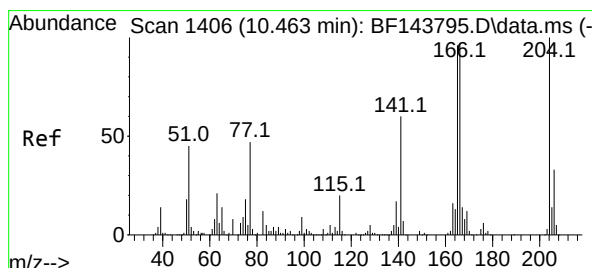
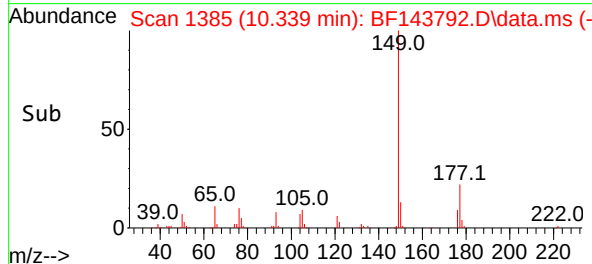
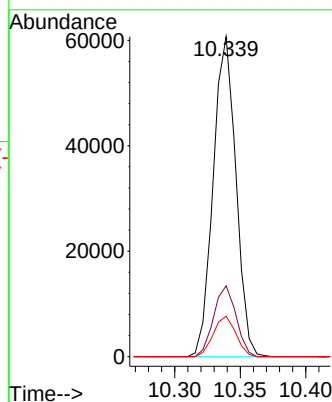
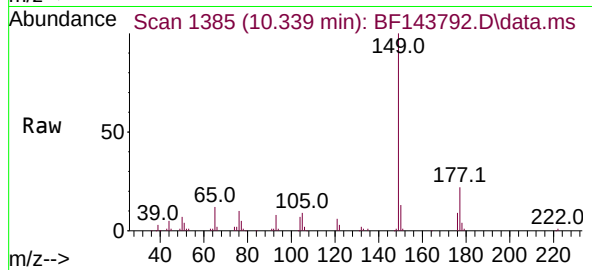




#60
Diethylphthalate
Concen: 5.076 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

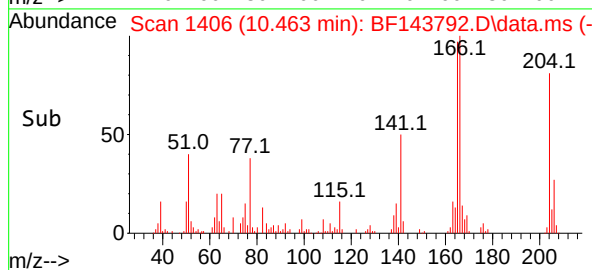
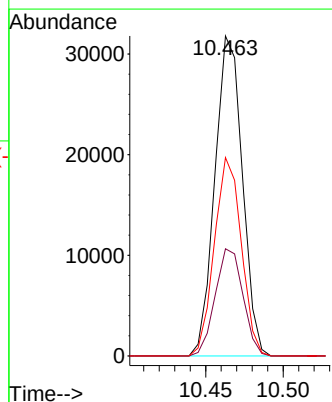
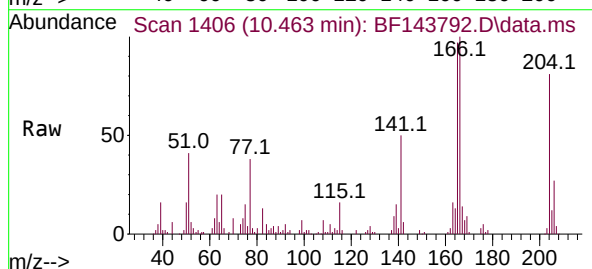
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

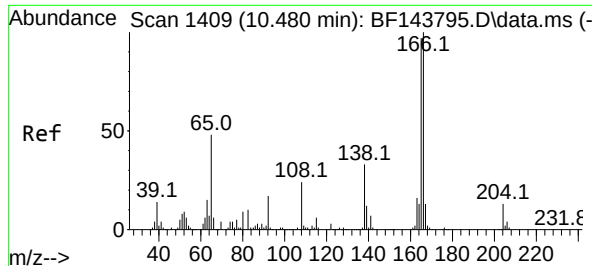
Tgt Ion:149 Resp: 73247
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.6 9.7 14.5



#61
4-Chlorophenyl-phenylether
Concen: 5.487 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:204 Resp: 39239
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 62.0 48.2 72.2

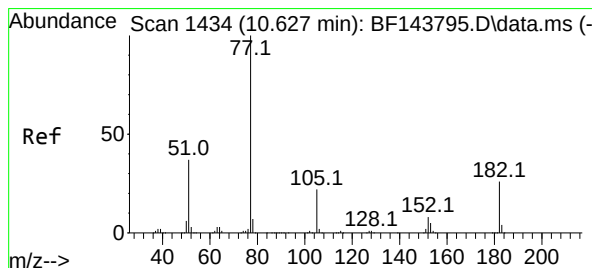
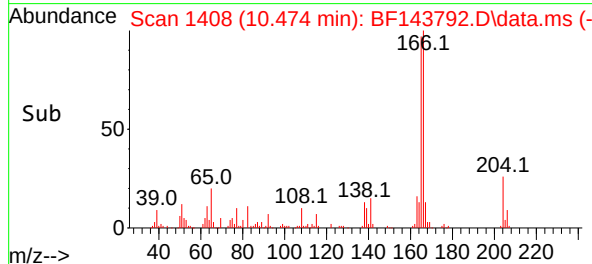
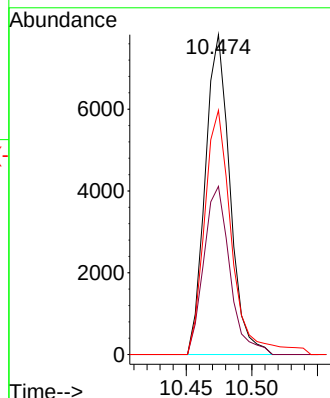
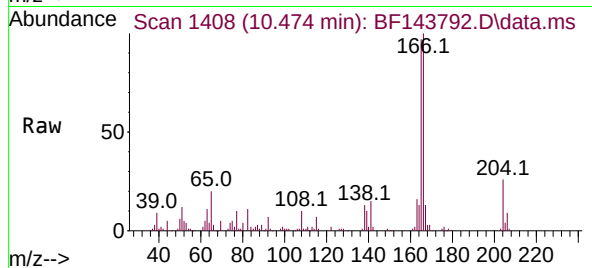




#62
4-Nitroaniline
Concen: 3.554 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

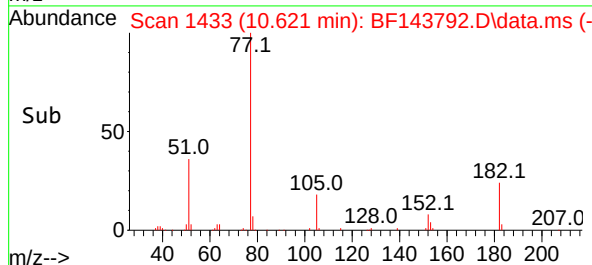
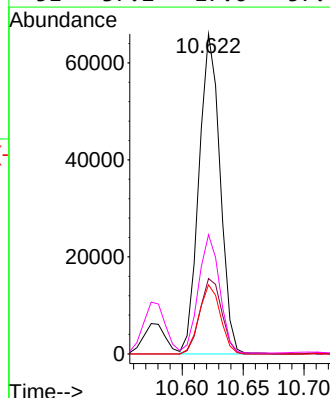
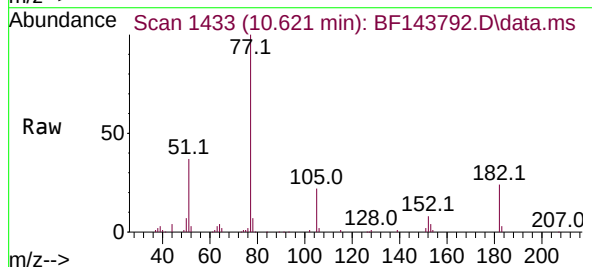
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

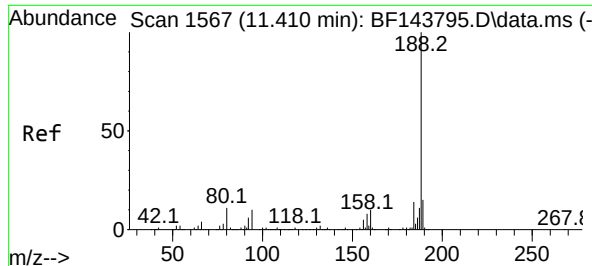
Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	31.5	71.5
108	76.3	51.9	91.9



#63
Azobenzene
Concen: 5.240 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	5.9	45.9
105	21.6	2.3	42.3
51	37.2	17.6	57.6

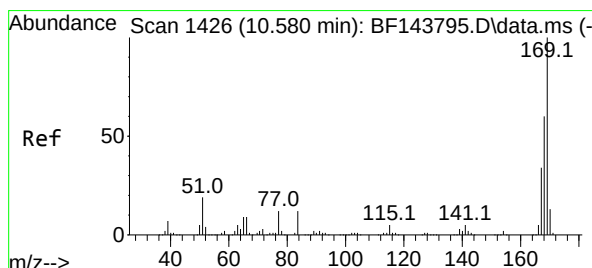
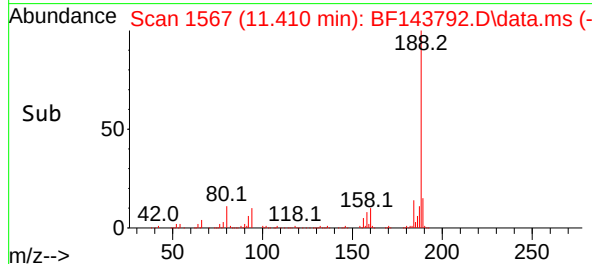
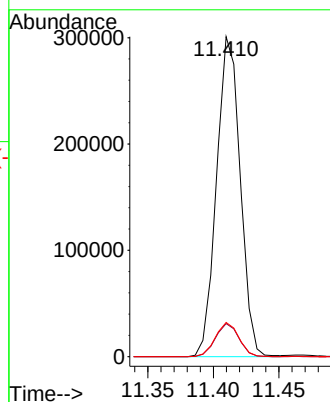
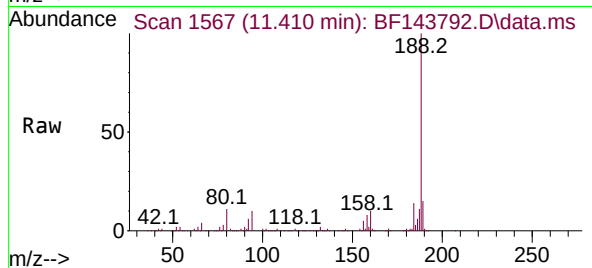




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

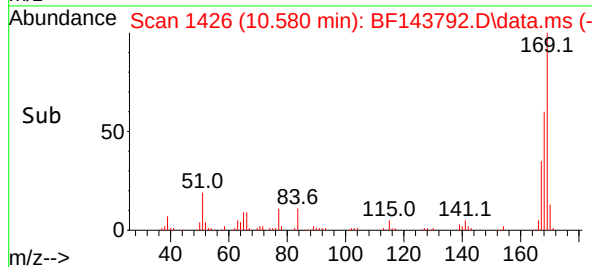
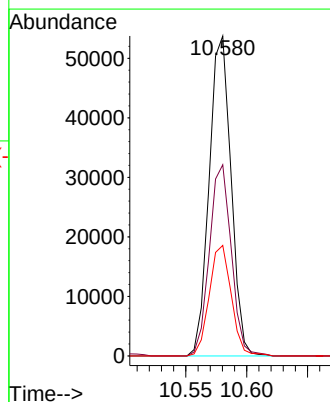
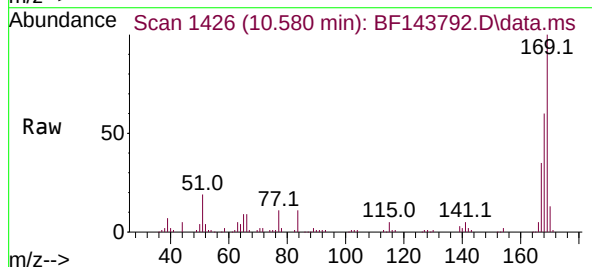
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

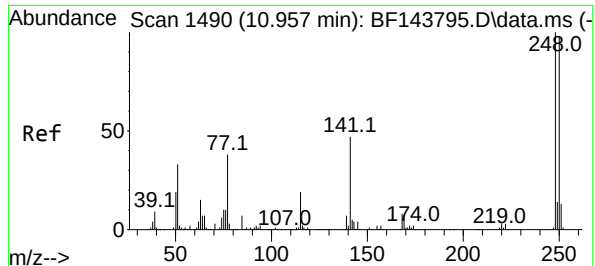
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	10.7	8.6	12.8



#66
n-Nitrosodiphenylamine
Concen: 5.378 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion	Ratio	Lower	Upper
169	100		
168	59.7	47.9	71.9
167	34.5	27.0	40.6

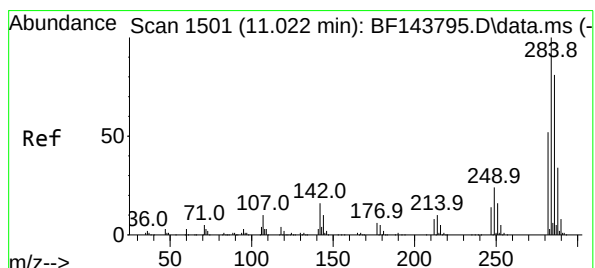
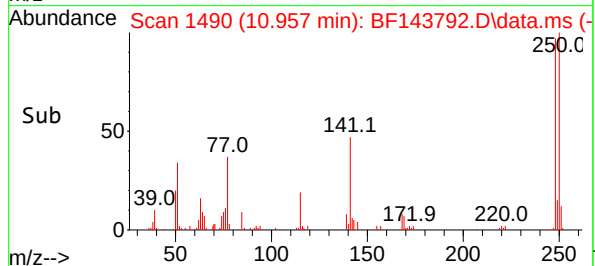
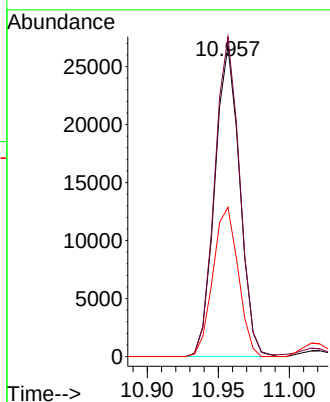
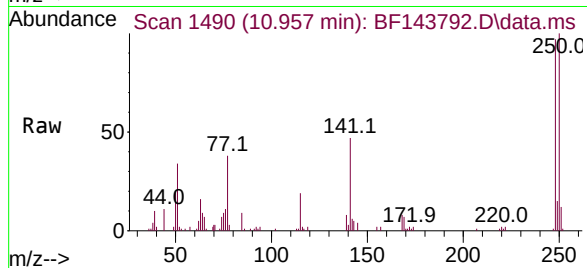




#67
4-Bromophenyl-phenylether
Concen: 5.047 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

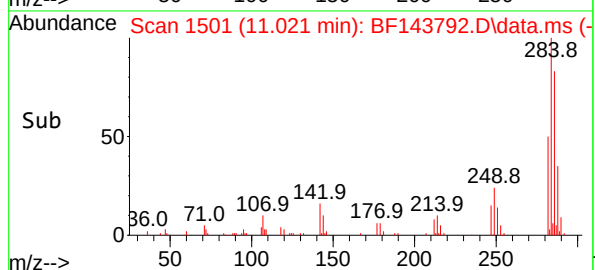
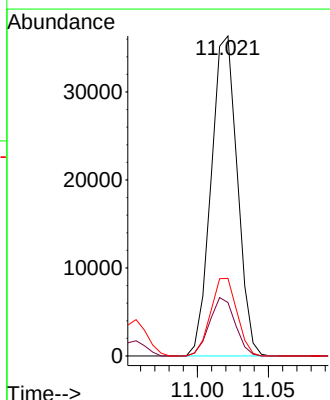
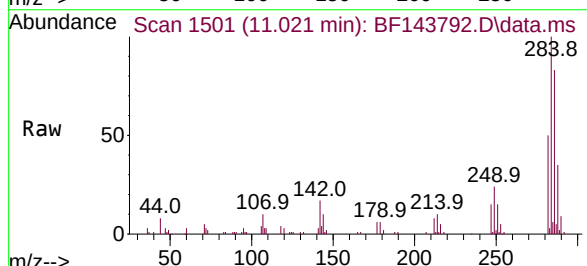
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

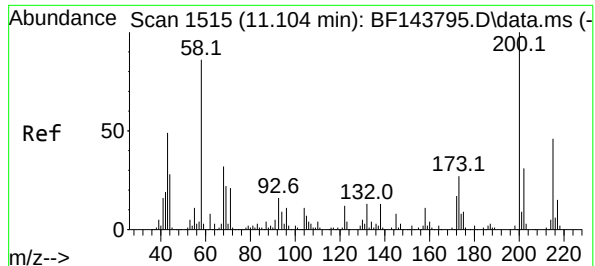
Tgt Ion:248 Resp: 32607
Ion Ratio Lower Upper
248 100
250 103.0 78.7 118.1
141 48.1 37.9 56.9



#68
Hexachlorobenzene
Concen: 5.238 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:284 Resp: 46642
Ion Ratio Lower Upper
284 100
142 16.7 13.1 19.7
249 24.2 19.5 29.3





#69

Atrazine

Concen: 4.683 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

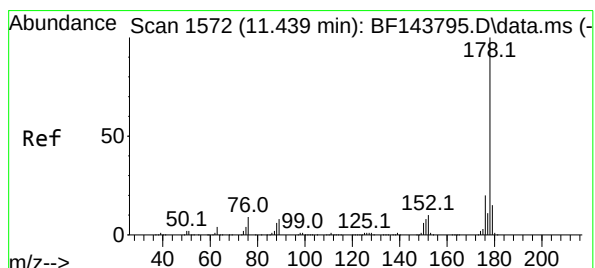
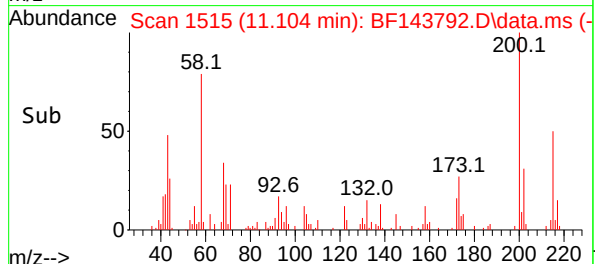
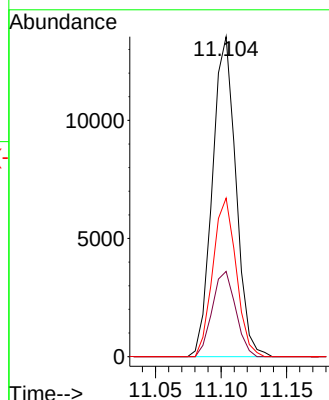
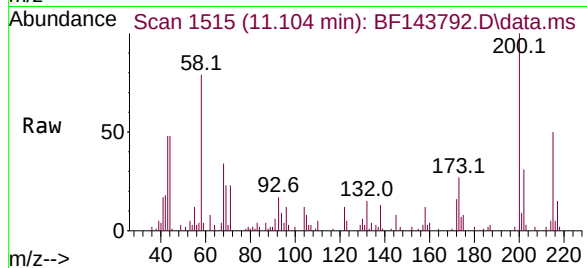
Tgt Ion:200 Resp: 16909

Ion Ratio Lower Upper

200 100

173 26.6 7.2 47.2

215 49.5 26.0 66.0



#71

Phenanthrene

Concen: 5.577 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

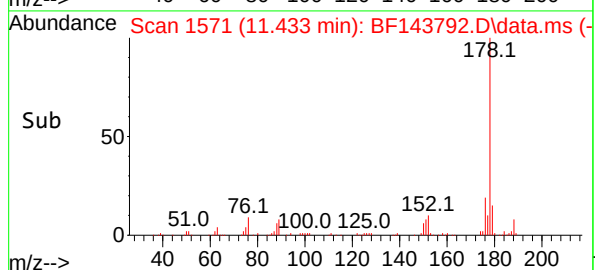
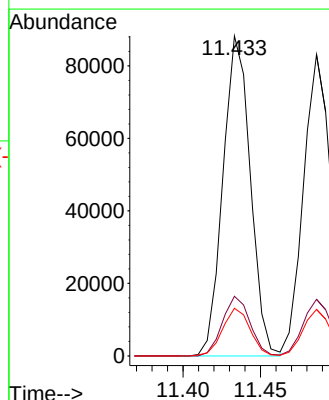
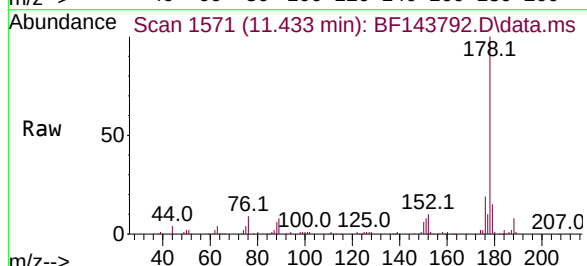
Tgt Ion:178 Resp: 108554

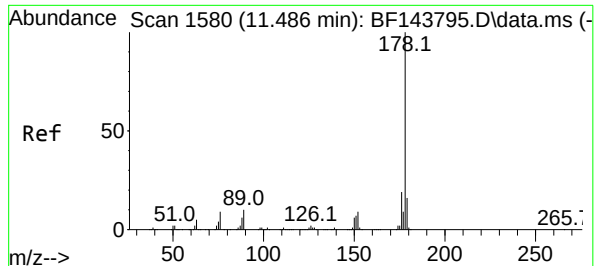
Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

179 14.9 12.2 18.4

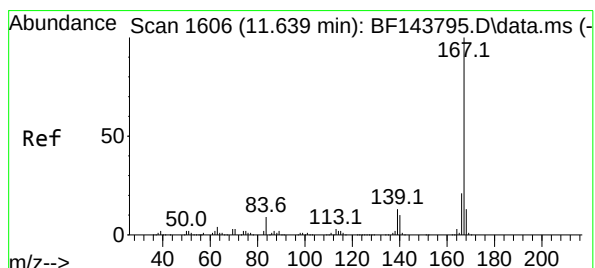
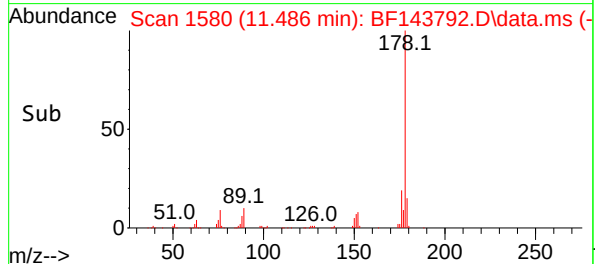
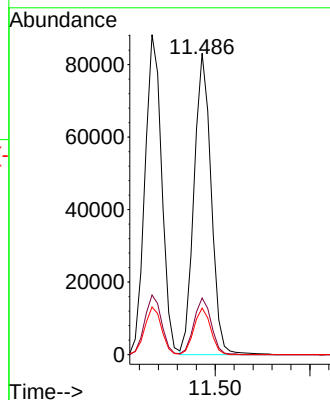
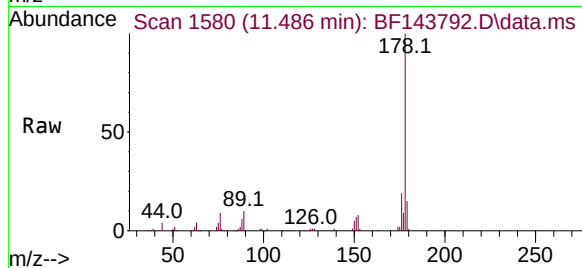




#72
Anthracene
Concen: 5.322 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

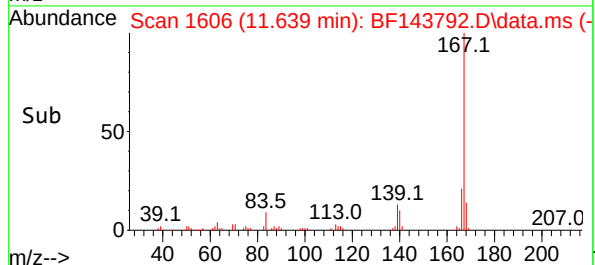
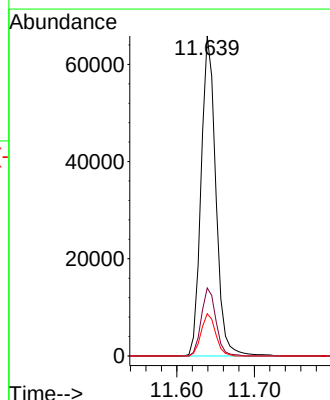
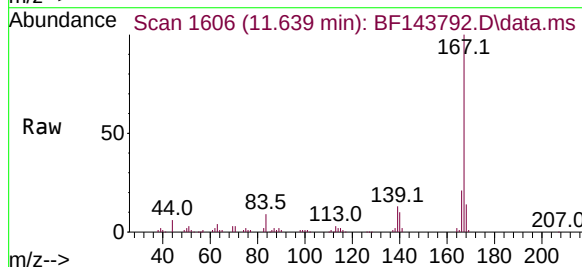
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

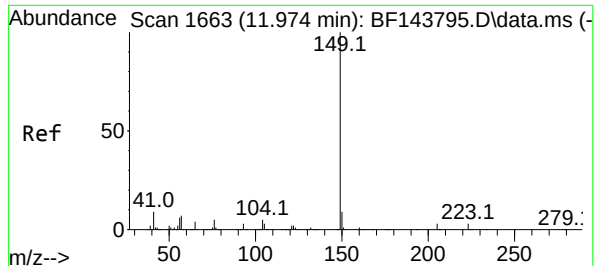
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.4	12.8	19.2



#73
Carbazole
Concen: 5.086 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.2	10.6	15.8

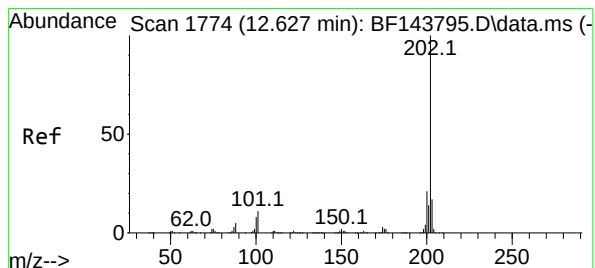
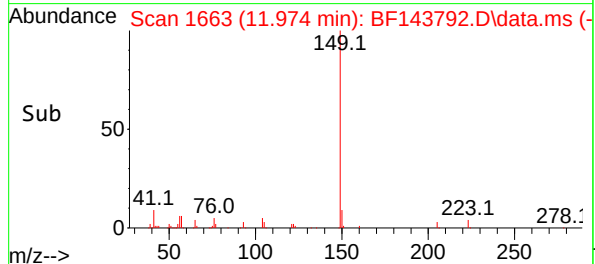
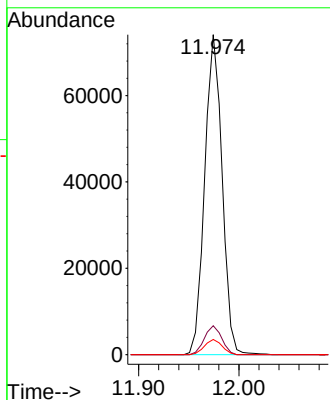
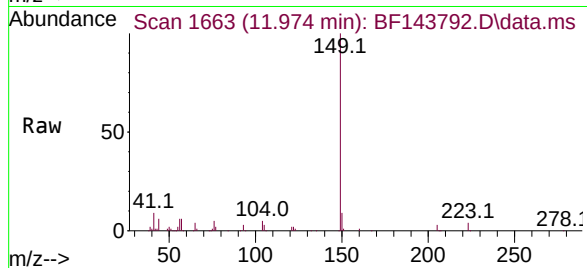




#74
Di-n-butylphthalate
Concen: 4.538 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

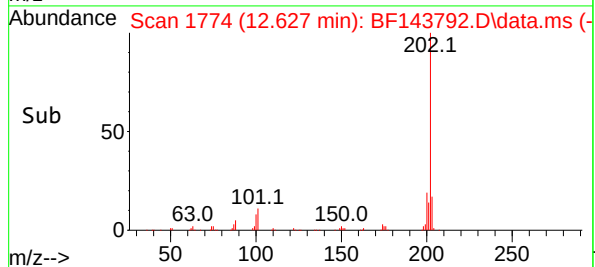
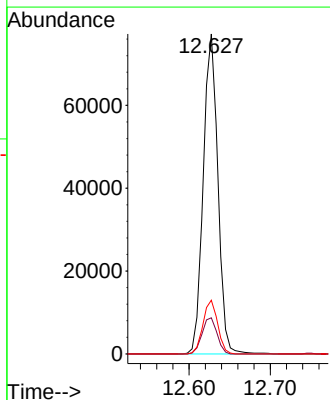
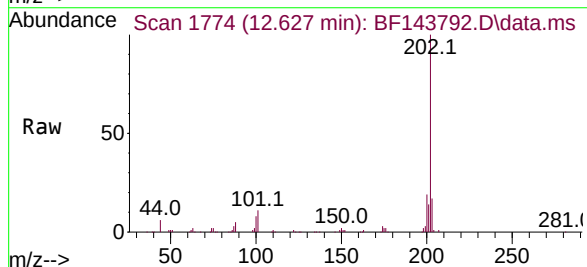
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

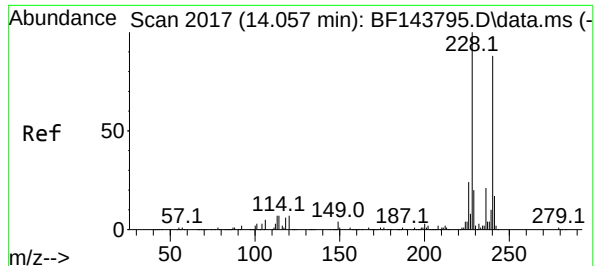
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.7	3.6	5.4



#75
Fluoranthene
Concen: 4.932 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	16.8	0.0	37.4

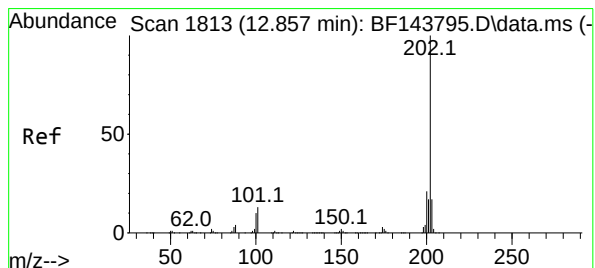
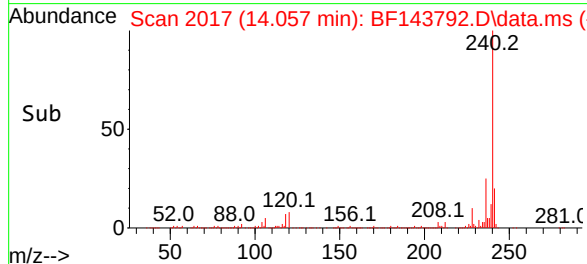
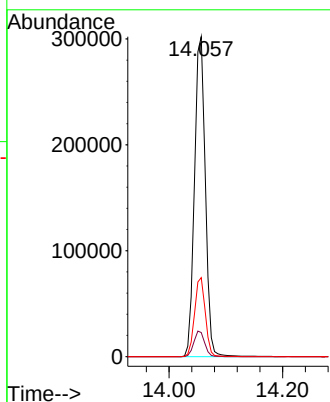
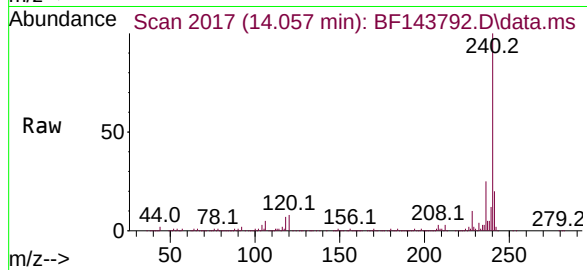




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

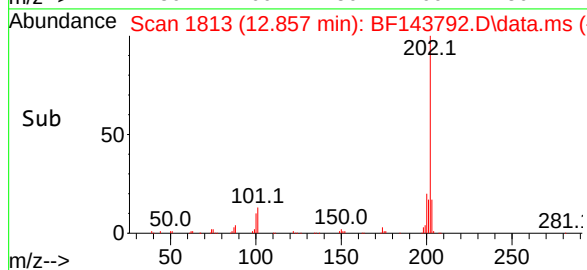
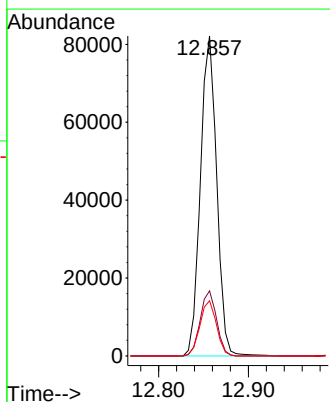
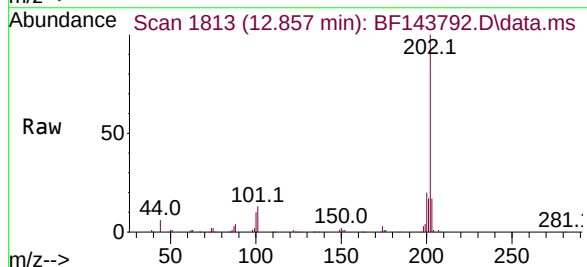
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

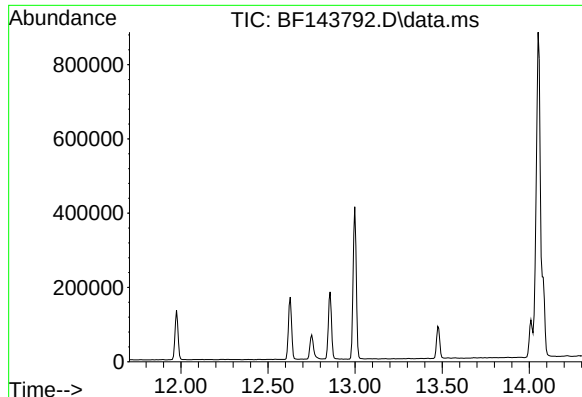
Tgt Ion:240 Resp: 398321
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 24.7 19.4 29.2



#78
Pyrene
Concen: 5.279 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:202 Resp: 103385
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.4
203 17.2 13.9 20.9

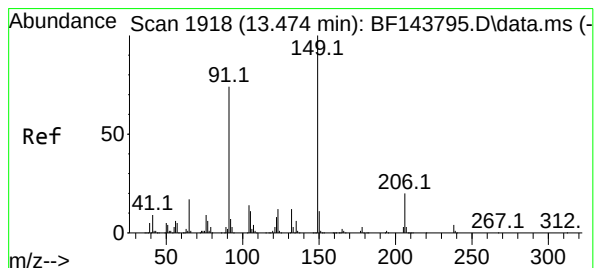
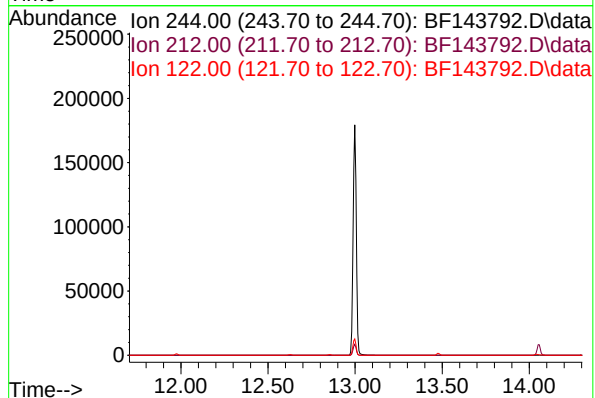




#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

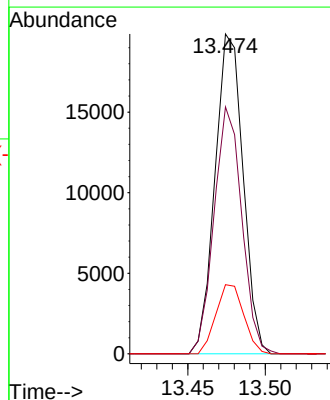
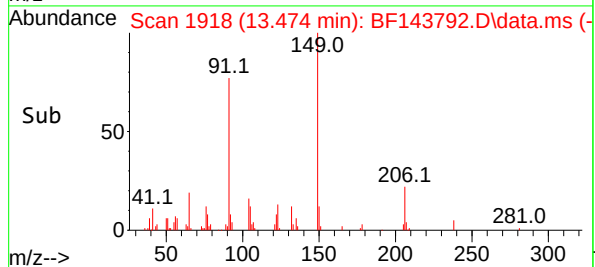
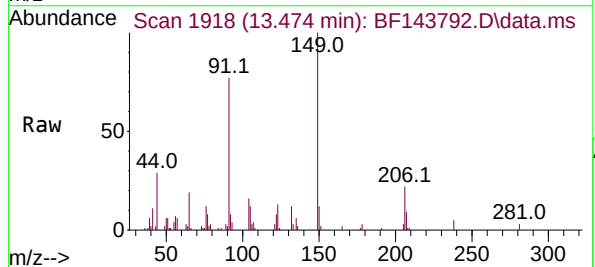
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

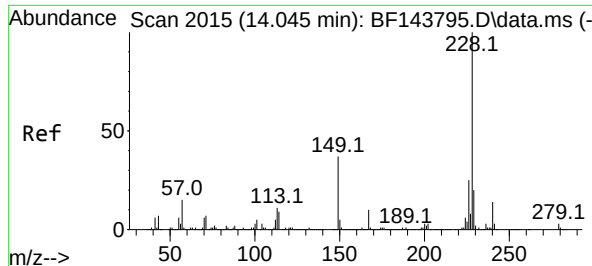
Tgt Ion: 244
Sig Exp Ratio
244 100
212 4.9
122 7.0



#80
Butylbenzylphthalate
Concen: 3.695 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion: 149 Resp: 25033
Ion Ratio Lower Upper
149 100
91 77.2 59.5 89.3
206 21.6 16.1 24.1

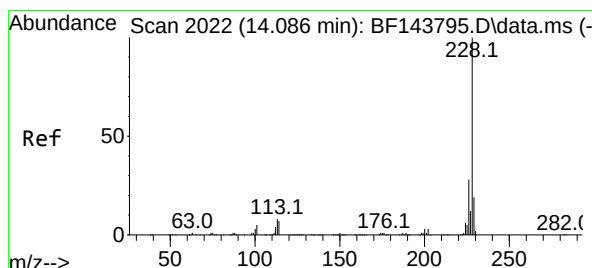
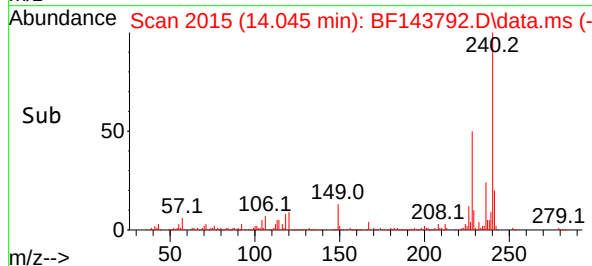
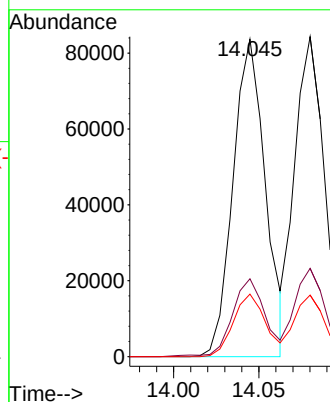
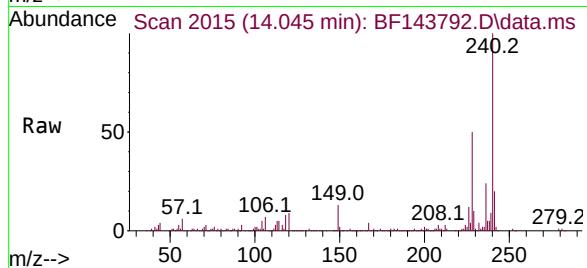




#81
Benzo(a)anthracene
Concen: 5.163 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

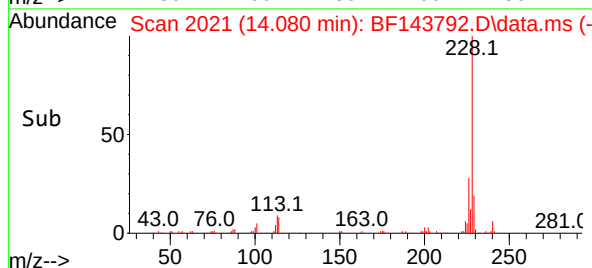
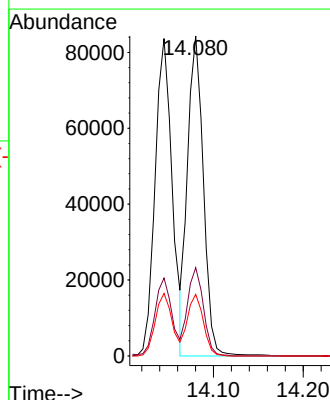
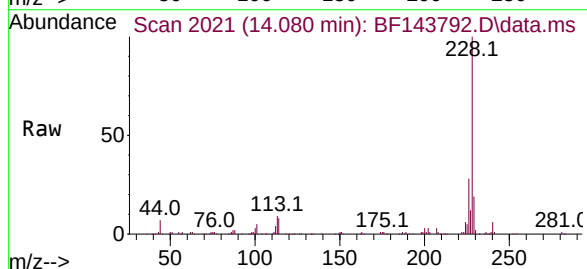
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

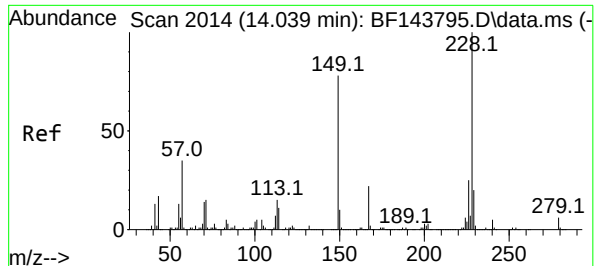
Tgt Ion:228 Resp: 110473
Ion Ratio Lower Upper
228 100
226 24.5 20.2 30.2
229 19.7 16.1 24.1



#83
Chrysene
Concen: 5.353 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:228 Resp: 103643
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.2 15.6 23.4

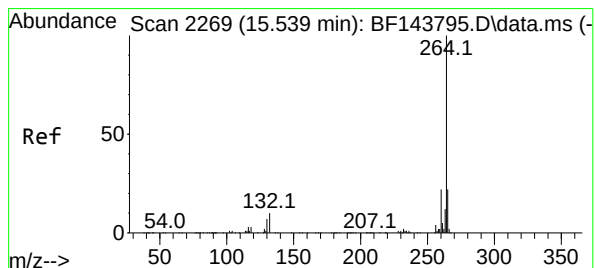
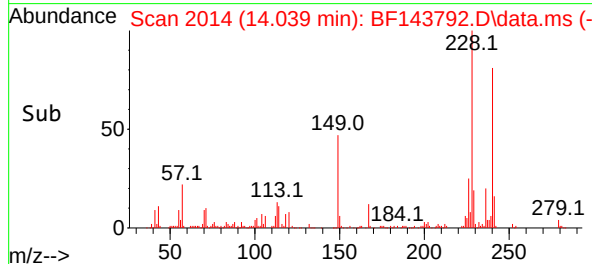
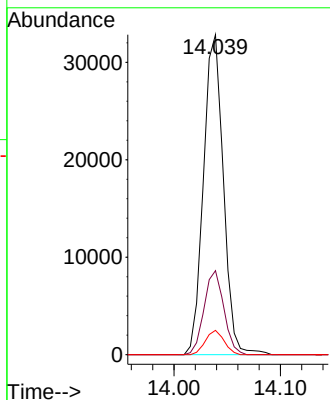
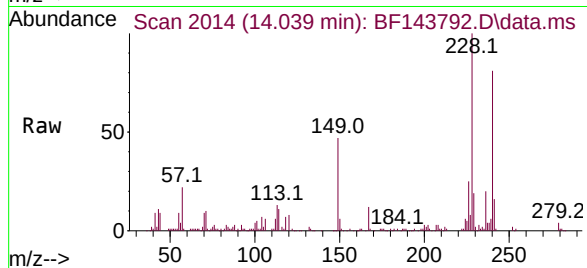




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.295 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

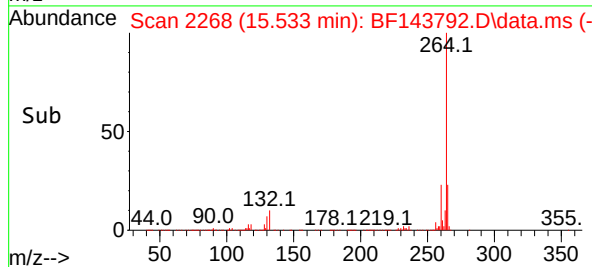
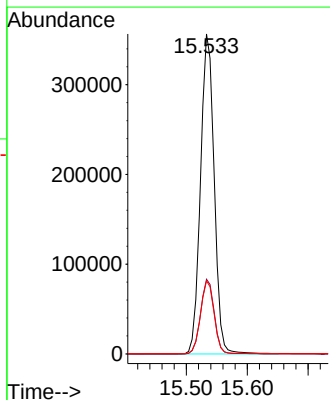
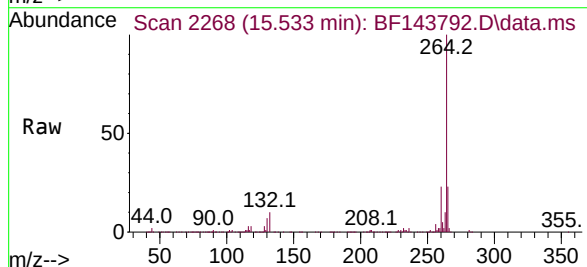
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

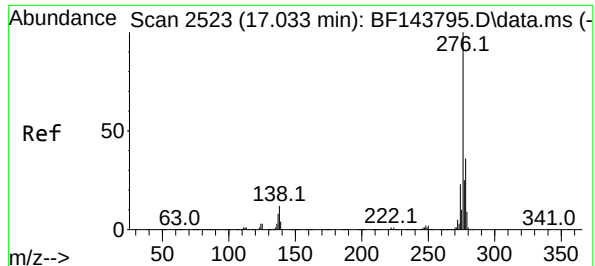
Tgt Ion:149 Resp: 42651
Ion Ratio Lower Upper
149 100
167 26.2 22.2 33.2
279 7.6 6.0 9.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:264 Resp: 555053
Ion Ratio Lower Upper
264 100
260 23.4 17.9 26.9
265 22.8 17.7 26.5

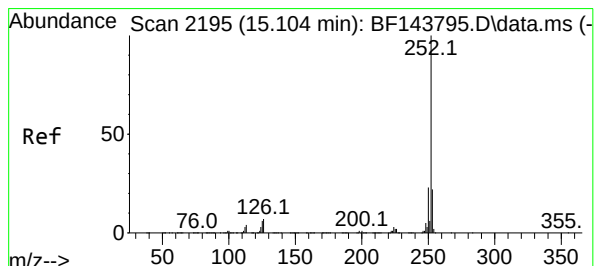
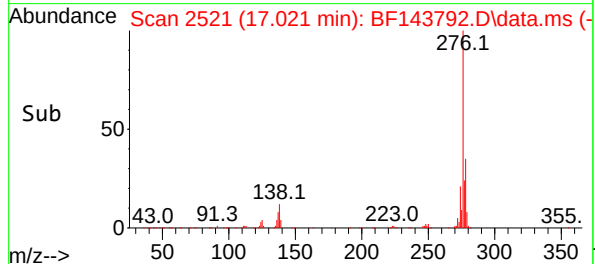
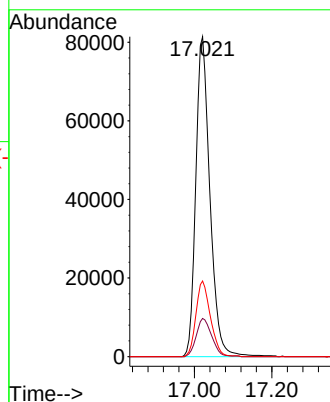
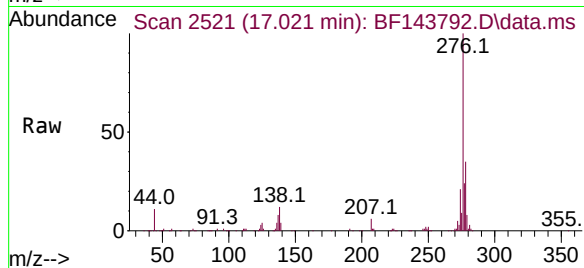




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.886 ng
RT: 17.021 min Scan# 2194
Delta R.T. -0.024 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

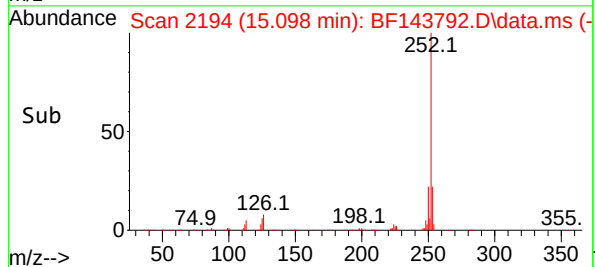
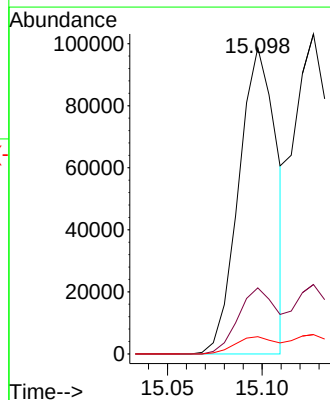
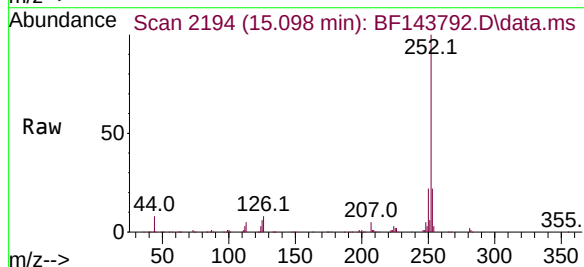
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

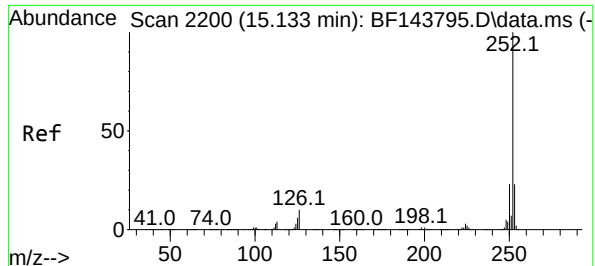
Tgt Ion:276 Resp: 205787
Ion Ratio Lower Upper
276 100
138 13.0 10.6 15.8
277 24.3 20.7 31.1



#88
Benzo(b)fluoranthene
Concen: 4.847 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:252 Resp: 137015
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 5.6 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 5.184 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

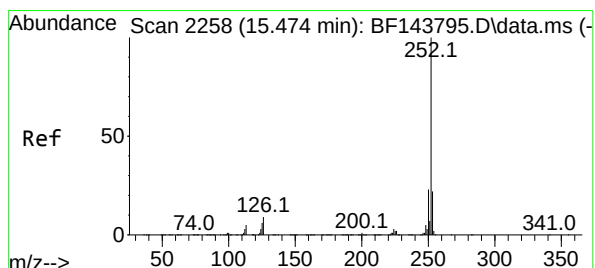
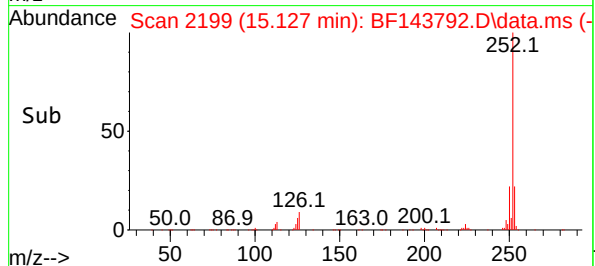
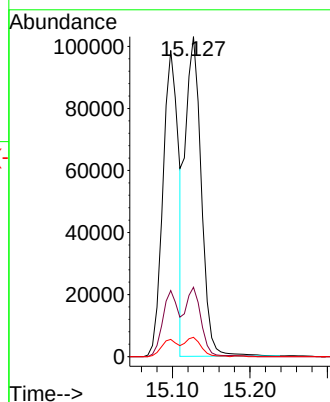
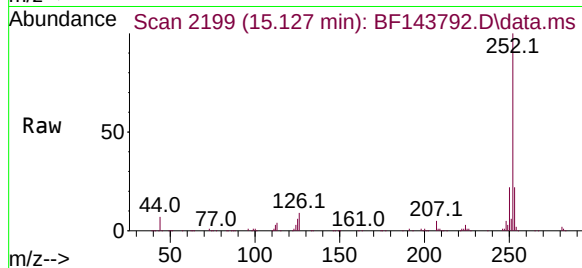
Tgt Ion:252 Resp: 147201

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 6.0 4.6 6.8



#90

Benzo(a)pyrene

Concen: 4.848 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF143792.D

Acq: 23 Sep 2025 10:58

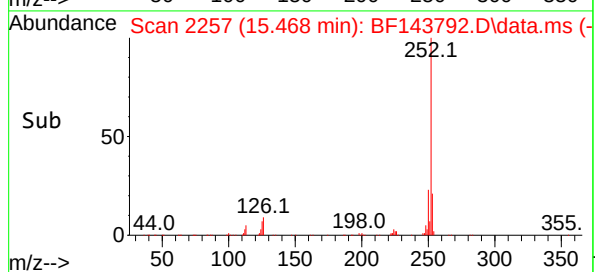
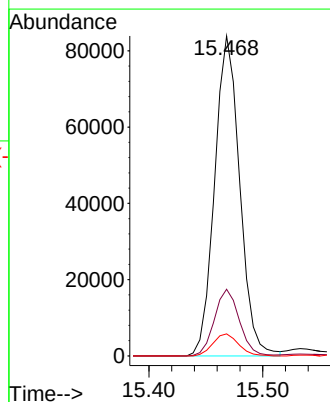
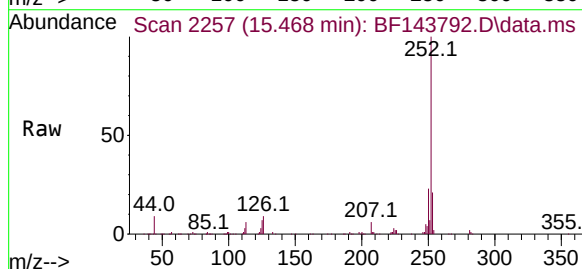
Tgt Ion:252 Resp: 128819

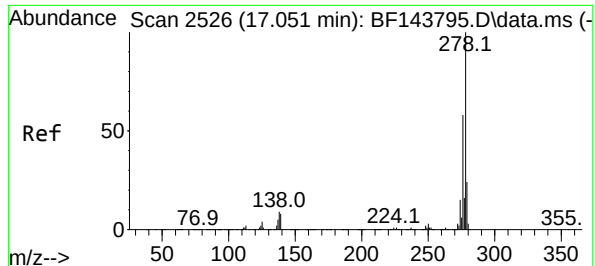
Ion Ratio Lower Upper

252 100

253 20.8 17.6 26.4

125 6.9 5.0 7.4

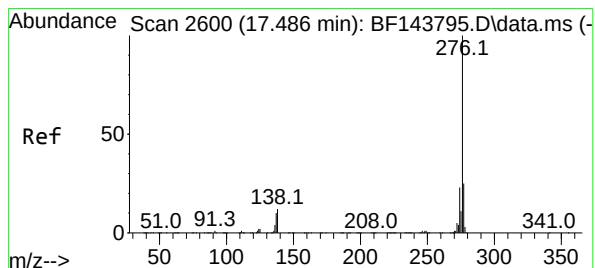
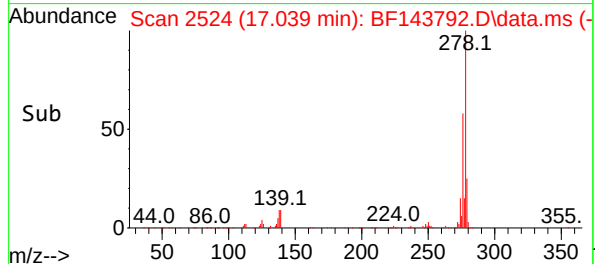
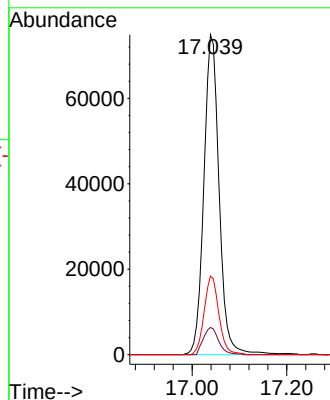
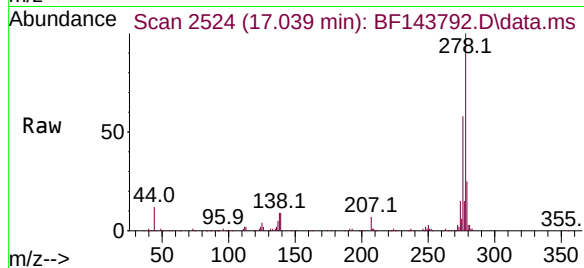




#91
Dibenzo(a,h)anthracene
Concen: 4.862 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

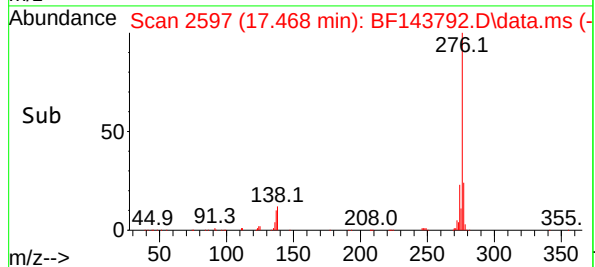
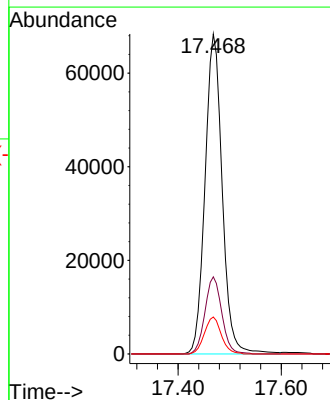
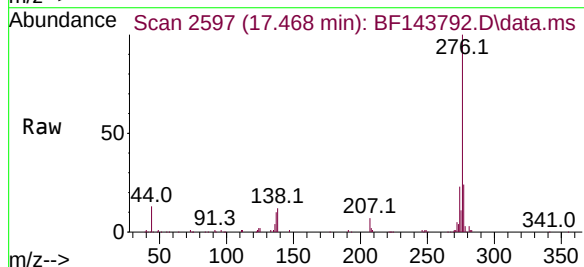
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 167469
Ion Ratio Lower Upper
278 100
139 8.5 6.7 10.1
279 24.5 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 4.741 ng
RT: 17.468 min Scan# 2597
Delta R.T. -0.035 min
Lab File: BF143792.D
Acq: 23 Sep 2025 10:58

Tgt Ion:276 Resp: 157425
Ion Ratio Lower Upper
276 100
277 24.1 19.6 29.4
138 11.5 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143793.D
 Acq On : 23 Sep 2025 11:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Sep 23 17:06:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	132313	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	488285	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	239396	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	375125	20.000	ng	0.00
76) Chrysene-d12	14.051	240	430577	20.000	ng	-0.01
86) Perylene-d12	15.533	264	582350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	166482	20.250	ng	-0.01
7) Phenol-d6	6.493	99	199435	20.556	ng	-0.02
23) Nitrobenzene-d5	7.440	82	150816	19.438	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	72517	21.225	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	353299	21.809	ng	0.00
79) Terphenyl-d14	12.998	244	449442	20.493	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	38037	9.758	ng	97
3) Pyridine	3.410	79	100675	9.568	ng	99
4) n-Nitrosodimethylamine	3.334	42	49199	9.325	ng	97
6) Aniline	6.545	93	140265	10.271	ng	98
8) 2-Chlorophenol	6.663	128	82971	9.952	ng	99
9) Benzaldehyde	6.434	77	70550	8.562	ng	99
10) Phenol	6.510	94	113001	10.332	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	87384	10.192	ng	97
12) 1,3-Dichlorobenzene	6.828	146	98776	10.204	ng	99
13) 1,4-Dichlorobenzene	6.904	146	99003	10.249	ng	99
14) 1,2-Dichlorobenzene	7.057	146	93067	10.172	ng	99
15) Benzyl Alcohol	7.016	79	67639	9.948	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	207456	10.204	ng	99
17) 2-Methylphenol	7.122	107	65621	10.167	ng	99
18) Hexachloroethane	7.398	117	33843	9.962	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	61660	10.190	ng	99
20) 3+4-Methylphenols	7.275	107	84574	10.760	ng	96
22) Acetophenone	7.287	105	113726	10.604	ng	99
24) Nitrobenzene	7.463	77	86488	9.782	ng	98
25) Isophorone	7.698	82	155268	9.989	ng	99
26) 2-Nitrophenol	7.781	139	25281	9.284	ng	99
27) 2,4-Dimethylphenol	7.810	122	68320	9.833	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	104902	10.387	ng	99
29) 2,4-Dichlorophenol	8.016	162	69731	10.200	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	70340	9.914	ng	97
31) Naphthalene	8.187	128	249230	10.662	ng	99
32) Benzoic acid	7.875	122	30248	9.023	ng	97
33) 4-Chloroaniline	8.234	127	84740	10.316	ng	99
34) Hexachlorobutadiene	8.310	225	53434	10.103	ng	98
35) Caprolactam	8.563	113	16062	9.192	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	63361	9.882	ng	97
37) 2-Methylnaphthalene	8.881	142	158654	10.644	ng	99
38) 1-Methylnaphthalene	8.981	142	150831	10.572	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	75923	10.509	ng	100
41) Hexachlorocyclopentadiene	9.034	237	40258	8.792	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	42859	9.474	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143793.D
 Acq On : 23 Sep 2025 11:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Sep 23 17:06:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

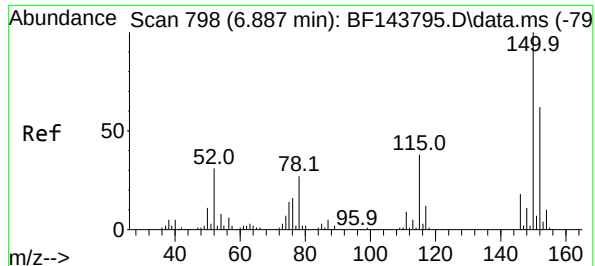
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	46791	9.889	ng	98
46) 1,1'-Biphenyl	9.345	154	184443	10.644	ng	98
47) 2-Chloronaphthalene	9.369	162	146409	10.496	ng	100
48) 2-Nitroaniline	9.457	65	36451	8.646	ng	93
49) Acenaphthylene	9.781	152	198522	10.338	ng	100
50) Dimethylphthalate	9.633	163	147631	10.118	ng	100
51) 2,6-Dinitrotoluene	9.698	165	19239	8.025	ng	90
52) Acenaphthene	9.957	154	134197	10.619	ng	99
53) 3-Nitroaniline	9.869	138	25136	8.650	ng	# 96
54) 2,4-Dinitrophenol	9.969	184	6231	11.233	ng	# 1
55) Dibenzofuran	10.128	168	185710	10.393	ng	100
56) 4-Nitrophenol	10.016	139	23569	10.065	ng	98
57) 2,4-Dinitrotoluene	10.098	165	25096	9.543	ng	94
58) Fluorene	10.469	166	144778	10.898	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	36970	9.120	ng	100
60) Diethylphthalate	10.339	149	140054	10.254	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	70883	10.472	ng	99
62) 4-Nitroaniline	10.475	138	24435	8.943	ng	98
63) Azobenzene	10.622	77	146130	10.152	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	8417	10.867	ng	98
66) n-Nitrosodiphenylamine	10.580	169	126584	10.261	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	62547	9.784	ng	99
68) Hexachlorobenzene	11.016	284	88177	10.009	ng	98
69) Atrazine	11.104	200	35762	10.010	ng	97
70) Pentachlorophenol	11.210	266	33783	7.704	ng	98
71) Phenanthrene	11.433	178	200025	10.386	ng	99
72) Anthracene	11.486	178	200505	10.379	ng	97
73) Carbazole	11.639	167	174601	10.337	ng	98
74) Di-n-butylphthalate	11.975	149	189120	9.736	ng	99
75) Fluoranthene	12.627	202	196207	10.129	ng	100
77) Benzidine	12.751	184	94401	8.997	ng	99
78) Pyrene	12.857	202	211336	9.983	ng	99
80) Butylbenzylphthalate	13.474	149	64090	8.751	ng	99
81) Benzo(a)anthracene	14.045	228	232722	10.061	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	91789	9.160	ng	99
83) Chrysene	14.080	228	212098	10.133	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	102600	9.557	ng	98
85) Di-n-octyl phthalate	14.651	149	165178	8.482	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	415337	9.400	ng	99
88) Benzo(b)fluoranthene	15.098	252	292308	9.857	ng	99
89) Benzo(k)fluoranthene	15.127	252	292238	9.808	ng	99
90) Benzo(a)pyrene	15.468	252	267775	9.606	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	345636	9.564	ng	98
92) Benzo(g,h,i)perylene	17.468	276	324982	9.329	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Abundance

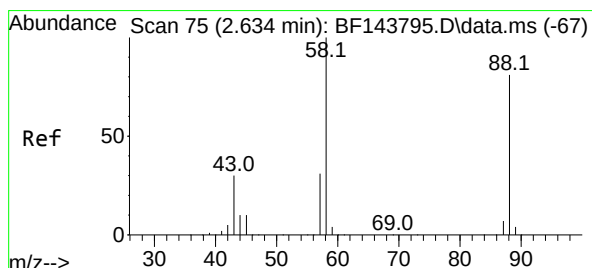
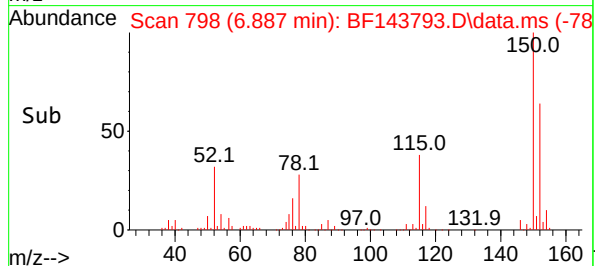
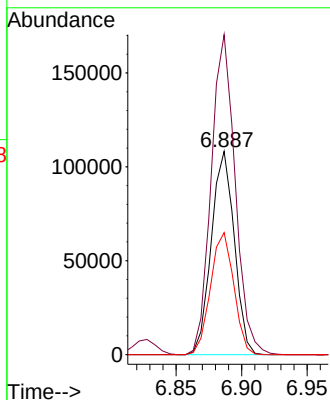
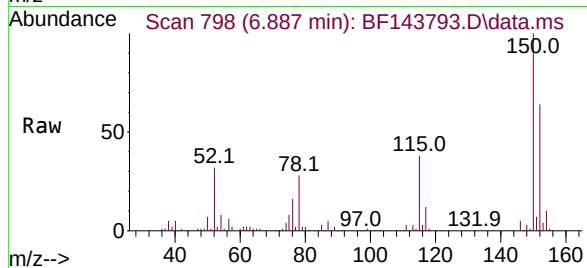
TIC: BF143793.D\data.ms



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

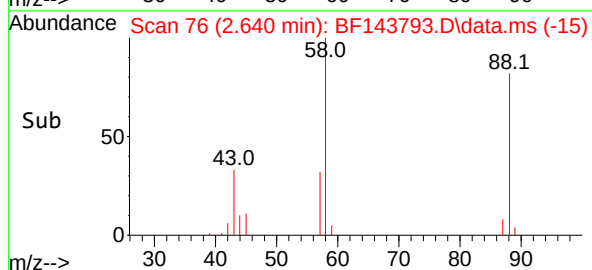
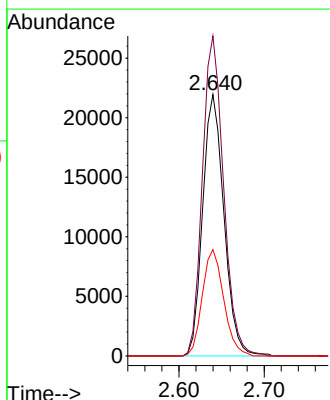
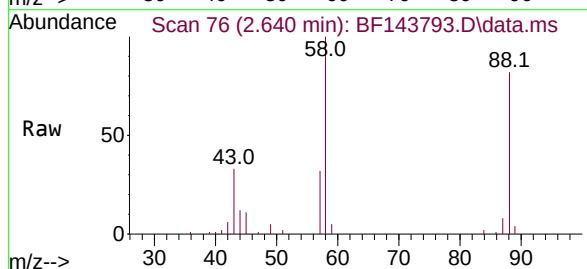
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

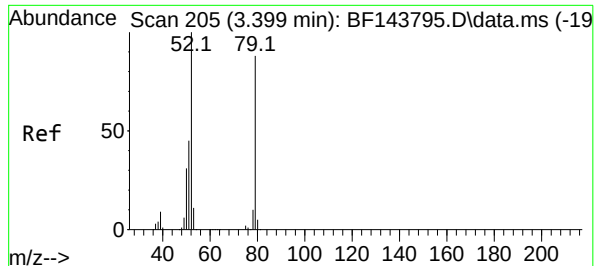
Tgt Ion:152 Resp: 132313
Ion Ratio Lower Upper
152 100
150 157.4 129.6 194.4
115 60.0 49.0 73.4



#2
1,4-Dioxane
Concen: 9.758 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 88 Resp: 38037
Ion Ratio Lower Upper
88 100
58 121.6 99.4 149.2
43 40.9 30.6 45.8





#3

Pyridine

Concen: 9.568 ng

RT: 3.410 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

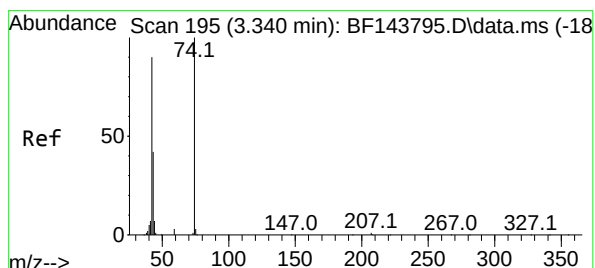
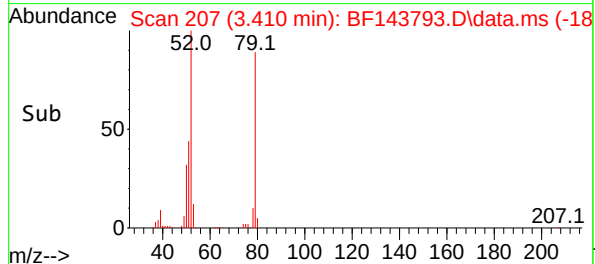
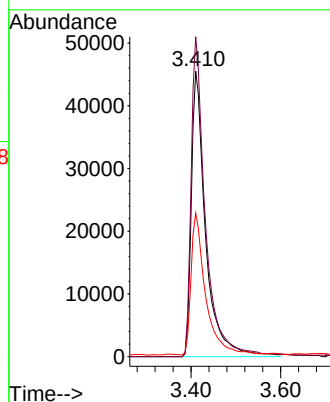
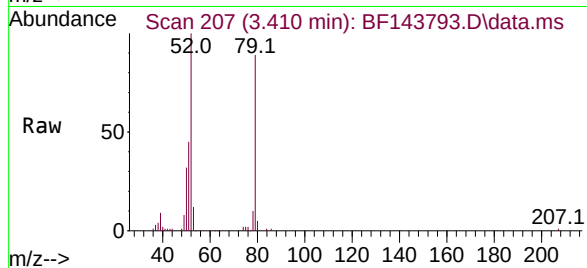
Tgt Ion: 79 Resp: 100675

Ion Ratio Lower Upper

79 100

52 112.2 90.5 135.7

51 50.3 40.6 61.0



#4

n-Nitrosodimethylamine

Concen: 9.325 ng

RT: 3.334 min Scan# 194

Delta R.T. -0.023 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

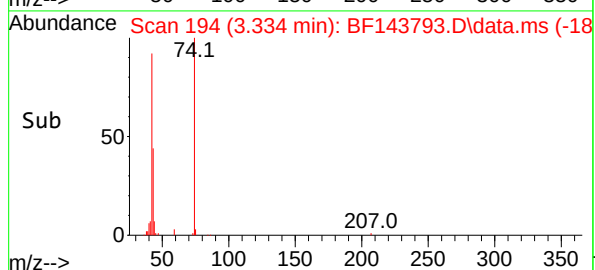
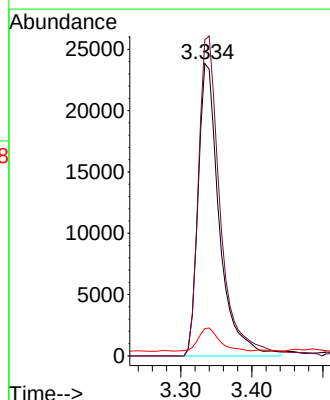
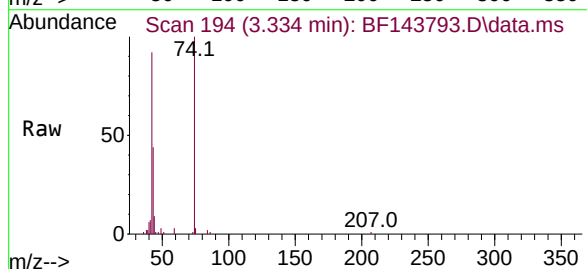
Tgt Ion: 42 Resp: 49199

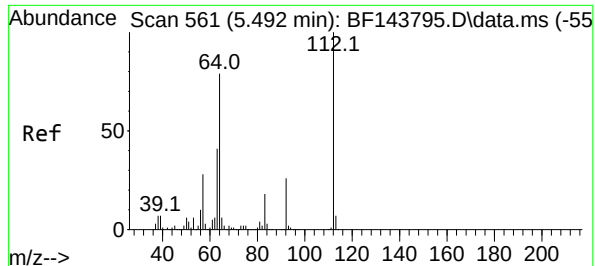
Ion Ratio Lower Upper

42 100

74 108.1 89.1 133.7

44 9.3 6.4 9.6

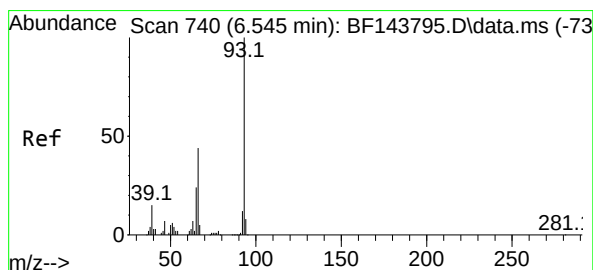
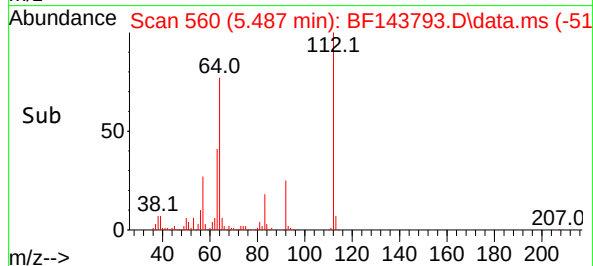
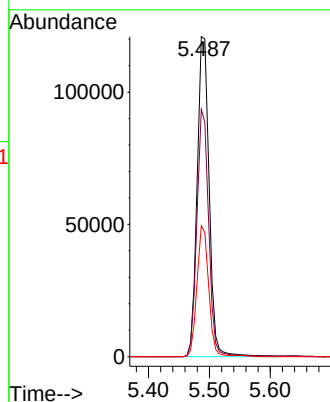
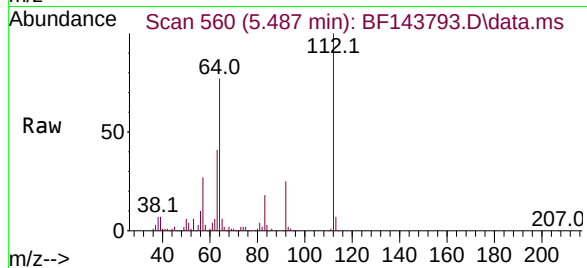




#5
2-Fluorophenol
Concen: 20.250 ng
RT: 5.487 min Scan# 561
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

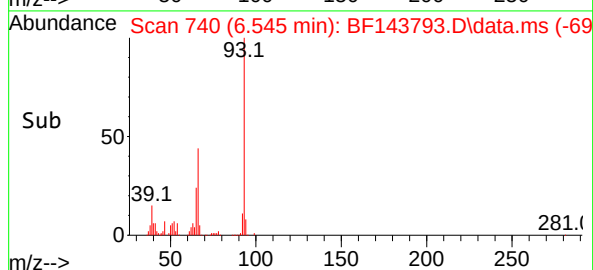
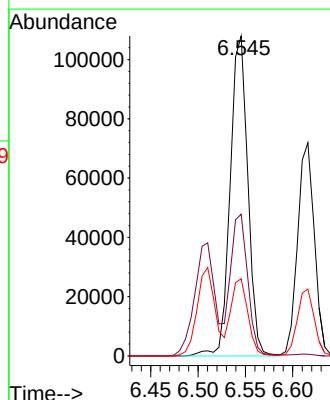
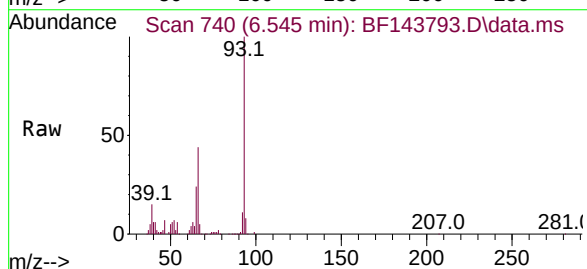
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

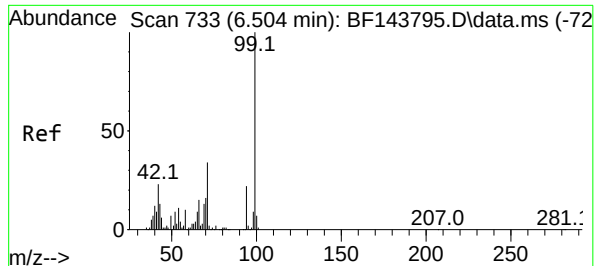
Tgt Ion:112 Resp: 166482
Ion Ratio Lower Upper
112 100
64 77.2 63.0 94.4
63 40.9 32.6 49.0



#6
Aniline
Concen: 10.271 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 93 Resp: 140265
Ion Ratio Lower Upper
93 100
66 44.3 37.1 55.7
65 24.1 19.4 29.0

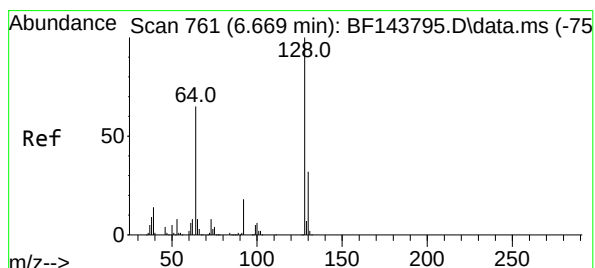
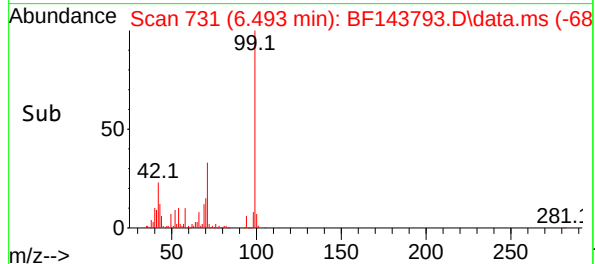
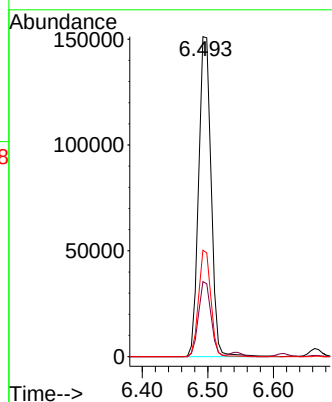
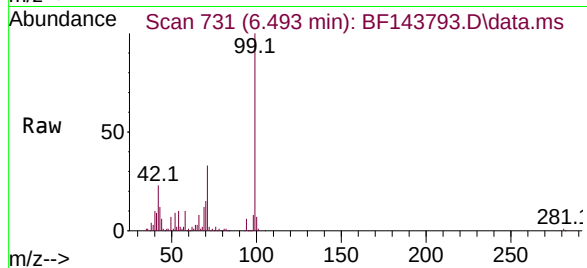




#7
Phenol-d6
Concen: 20.556 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.018 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

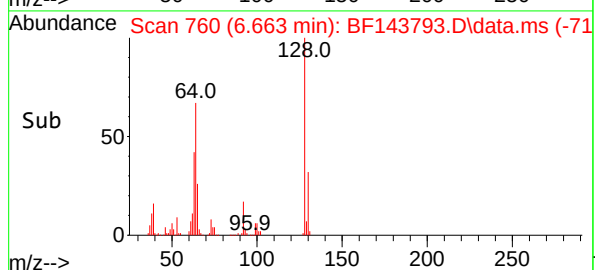
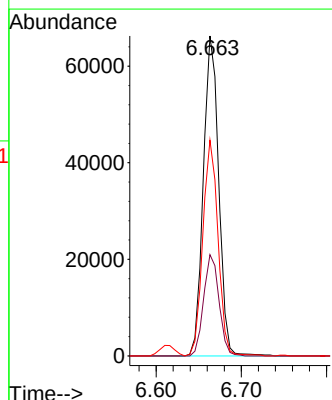
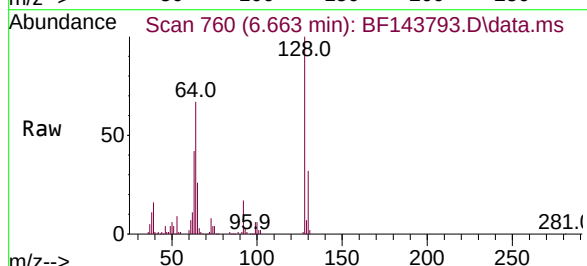
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

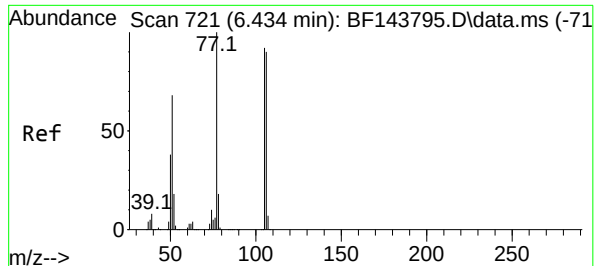
Tgt Ion: 99 Resp: 199435
Ion Ratio Lower Upper
99 100
42 23.4 18.6 28.0
71 33.2 27.0 40.4



#8
2-Chlorophenol
Concen: 9.952 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 128 Resp: 82971
Ion Ratio Lower Upper
128 100
130 31.7 12.2 52.2
64 67.4 46.5 86.5





#9

Benzaldehyde

Concen: 8.562 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

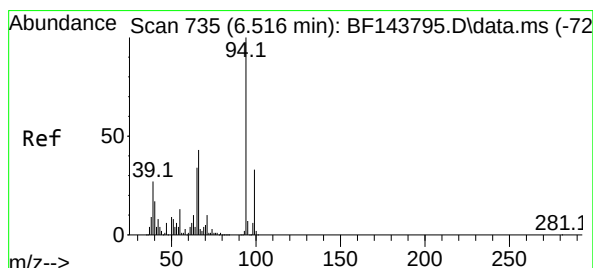
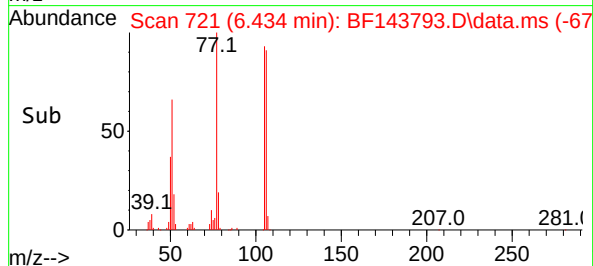
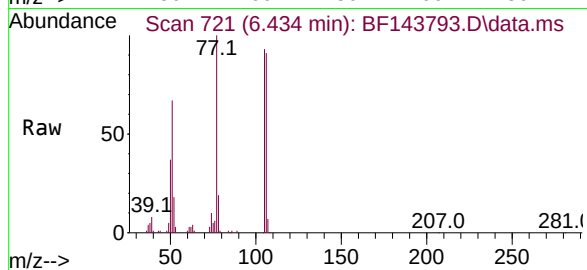
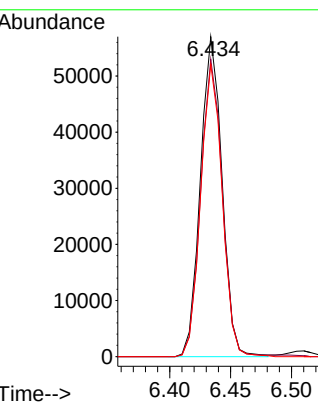
BNA_F

ClientSampleId :

SSTDIC010

Tgt Ion: 77 Resp: 70550

Ion	Ratio	Lower	Upper
77	100		
105	92.9	71.8	111.8
106	91.3	69.8	109.8



#10

Phenol

Concen: 10.332 ng

RT: 6.510 min Scan# 734

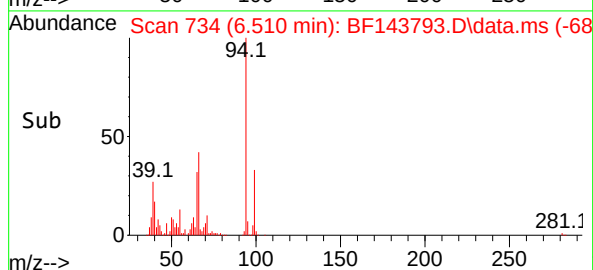
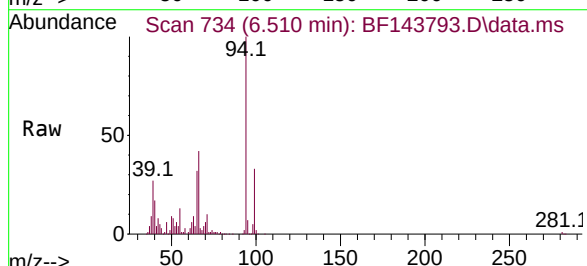
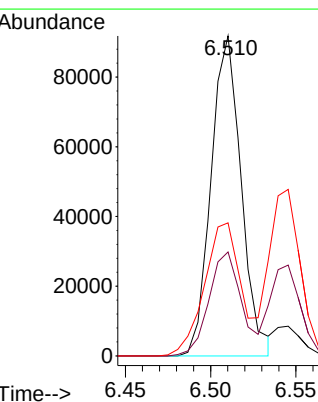
Delta R.T. -0.018 min

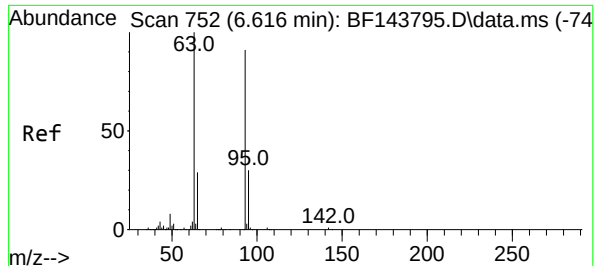
Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Tgt Ion: 94 Resp: 113001

Ion	Ratio	Lower	Upper
94	100		
65	32.5	14.2	54.2
66	41.6	24.1	64.1

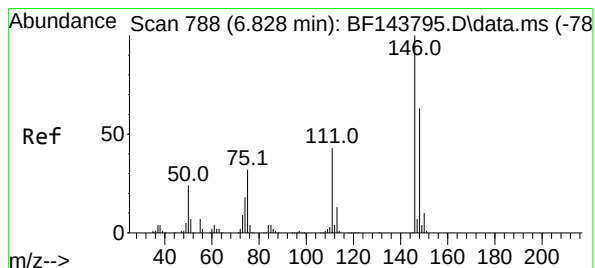
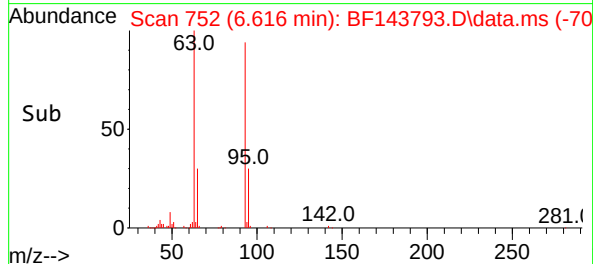
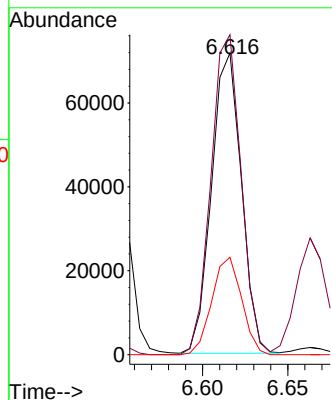
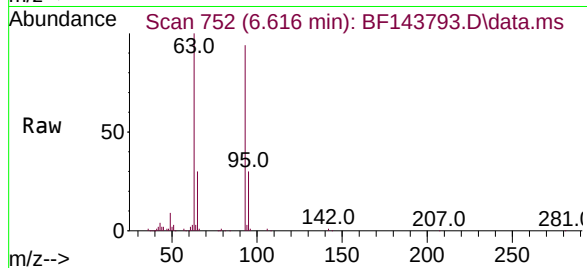




#11
bis(2-Chloroethyl)ether
Concen: 10.192 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

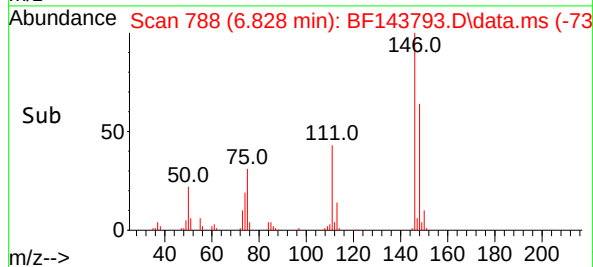
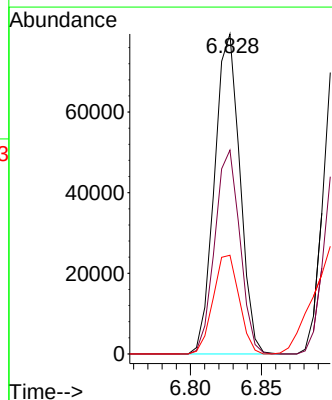
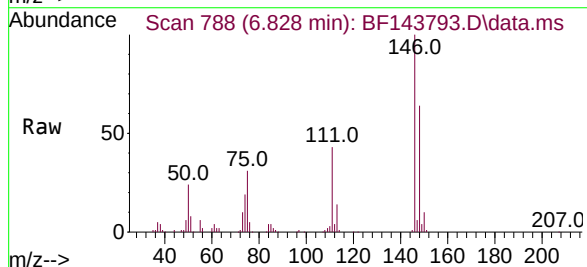
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

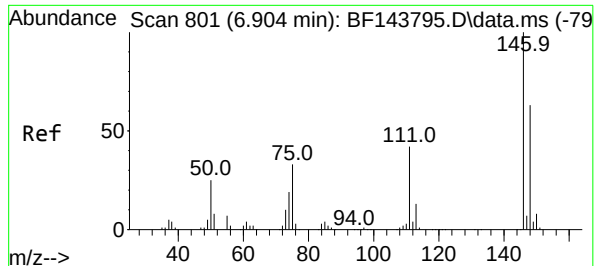
Tgt Ion:	93	Resp:	87384
Ion	Ratio	Lower	Upper
93	100		
63	106.1	89.2	129.2
95	32.3	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 10.204 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:	146	Resp:	98776
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
75	30.8	25.6	38.4





#13

1,4-Dichlorobenzene

Concen: 10.249 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

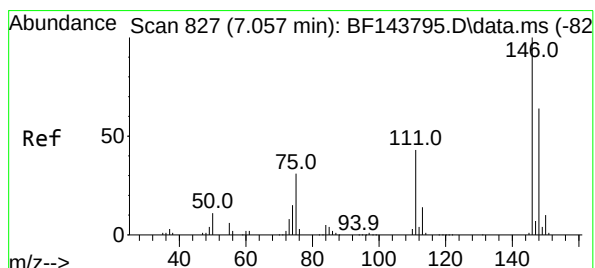
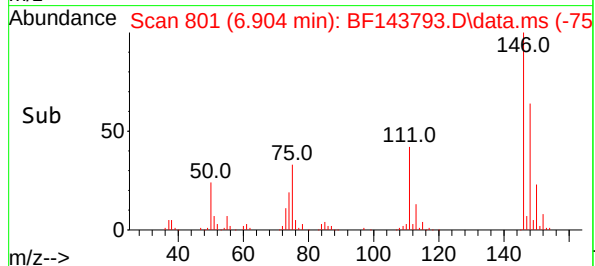
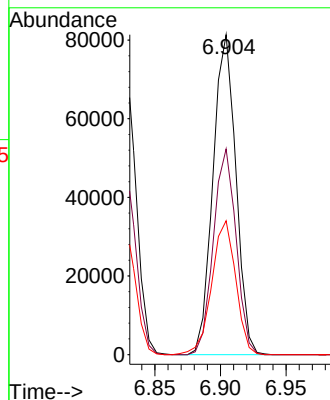
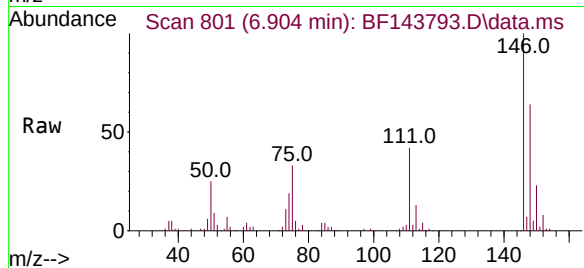
Tgt Ion:146 Resp: 99003

Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 41.8 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 10.172 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

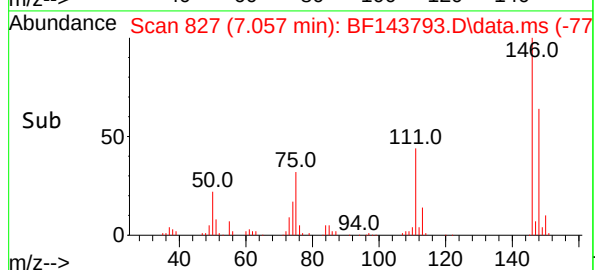
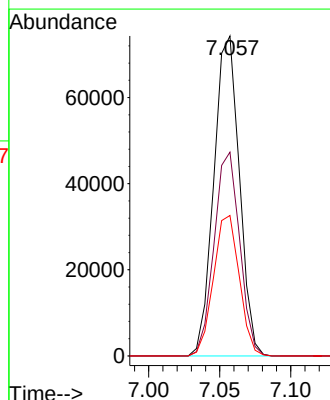
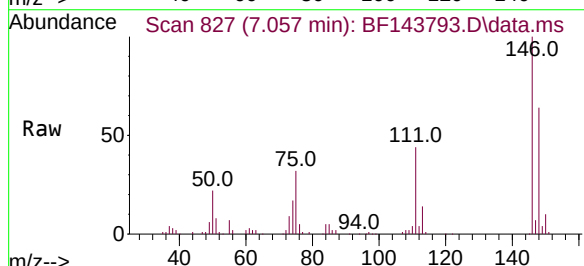
Tgt Ion:146 Resp: 93067

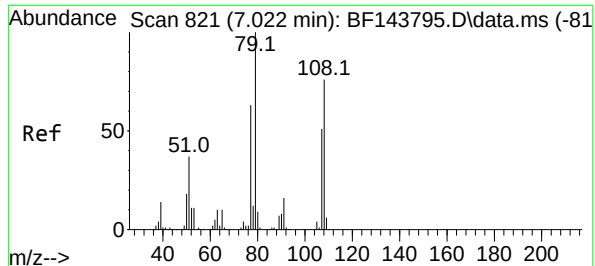
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 43.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 9.948 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

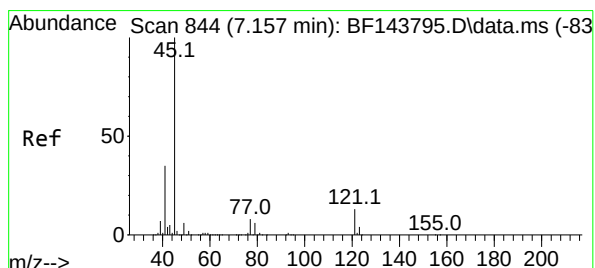
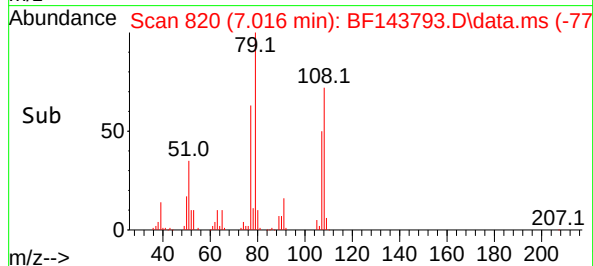
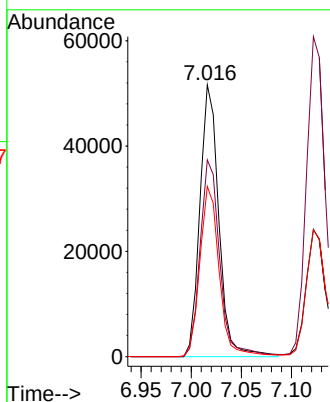
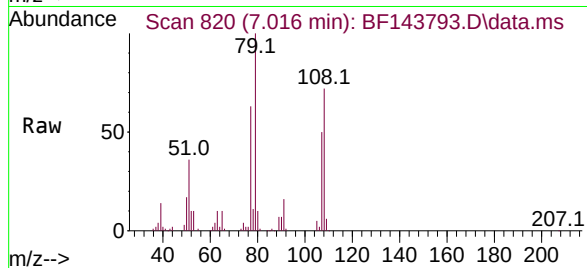
Tgt Ion: 79 Resp: 67639

Ion Ratio Lower Upper

79 100

108 72.4 60.5 90.7

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.204 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

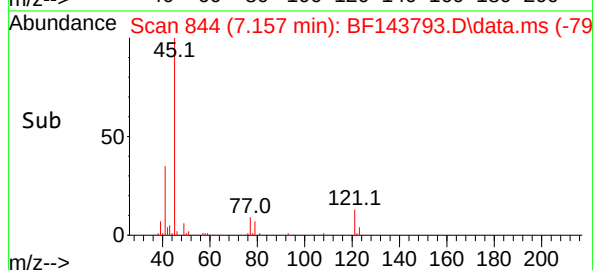
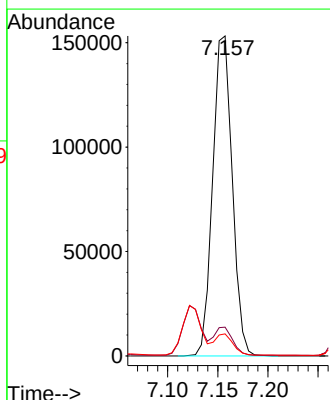
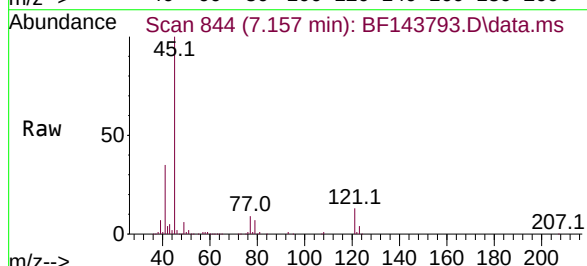
Tgt Ion: 45 Resp: 207456

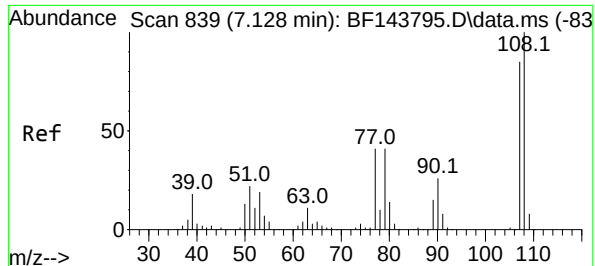
Ion Ratio Lower Upper

45 100

77 9.0 0.0 28.5

79 6.9 0.0 26.3

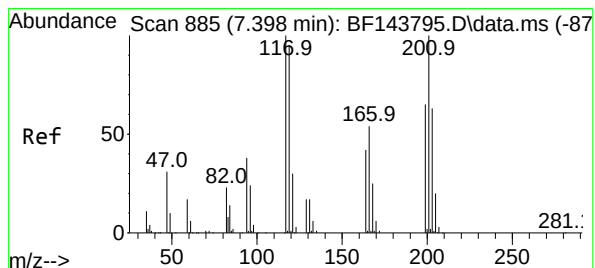
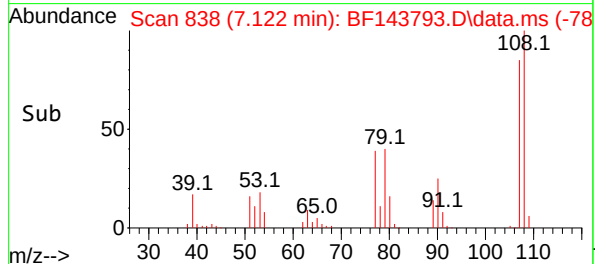
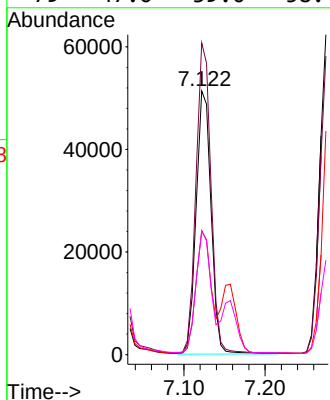
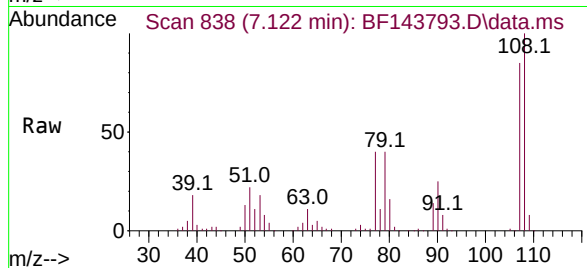




#17
2-Methylphenol
Concen: 10.167 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

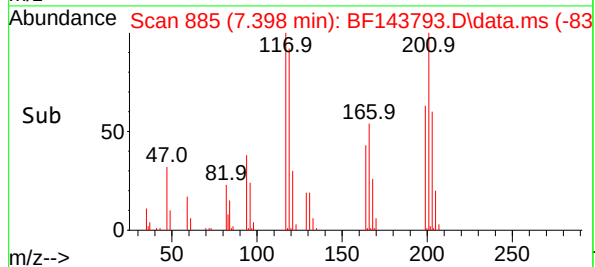
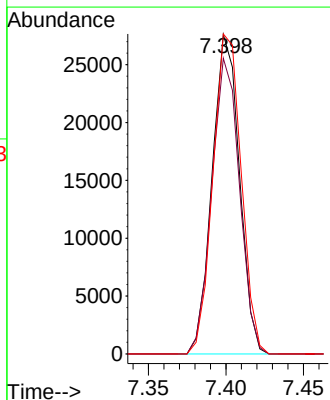
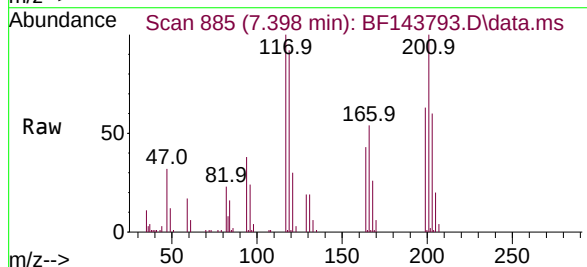
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

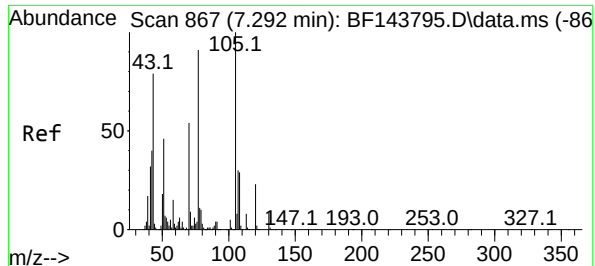
Tgt Ion	107	108	77	79
Resp:	65621	118.3	46.9	47.0
Lower		94.2	38.6	39.0
Upper		141.4	58.0	58.4



#18
Hexachloroethane
Concen: 9.962 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	117	119	201
Resp:	33843	92.5	100.2
Lower		76.2	79.7
Upper		114.2	119.5





#19

n-Nitroso-di-n-propylamine

Concen: 10.190 ng

RT: 7.287 min Scan# 80

Delta R.T. -0.018 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 61660

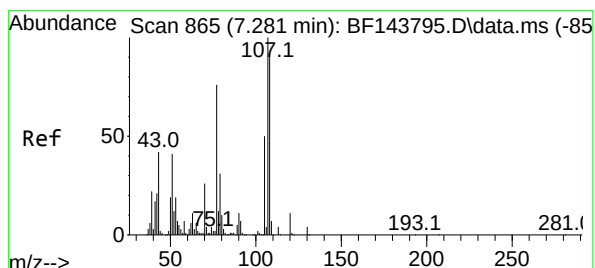
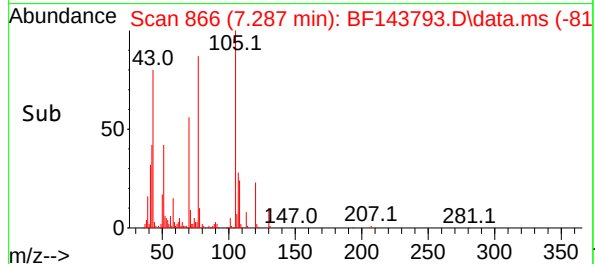
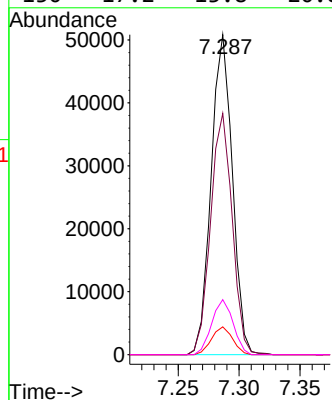
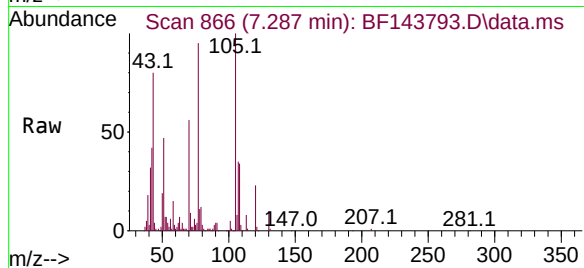
Ion Ratio Lower Upper

70 100

42 75.4 59.4 89.0

101 8.7 7.1 10.7

130 17.2 13.8 20.8



#20

3+4-Methylphenols

Concen: 10.760 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Tgt Ion: 107 Resp: 84574

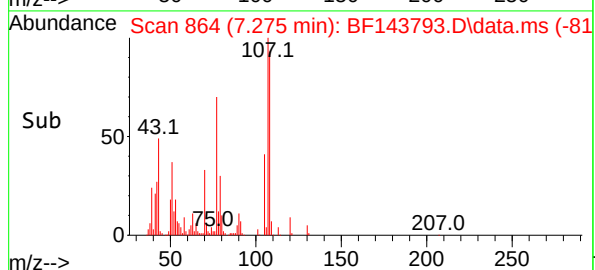
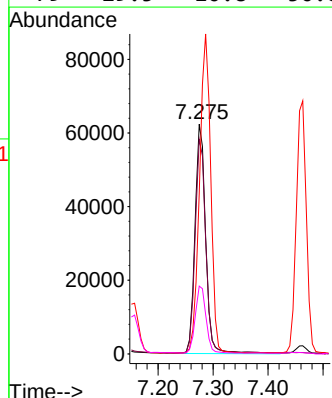
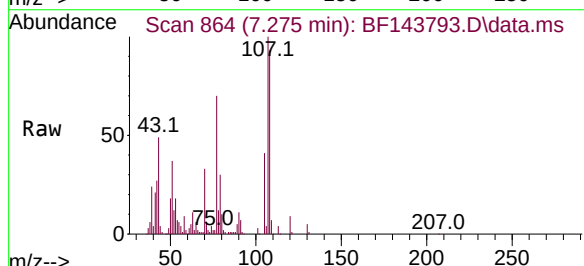
Ion Ratio Lower Upper

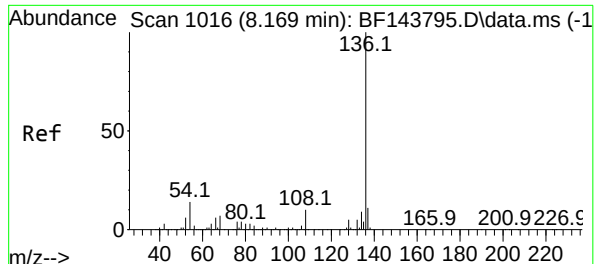
107 100

108 93.3 72.5 112.5

77 69.9 56.2 96.2

79 29.5 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 488285

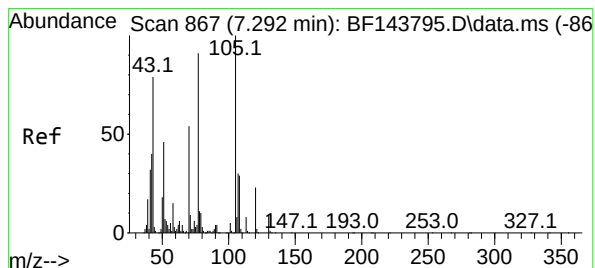
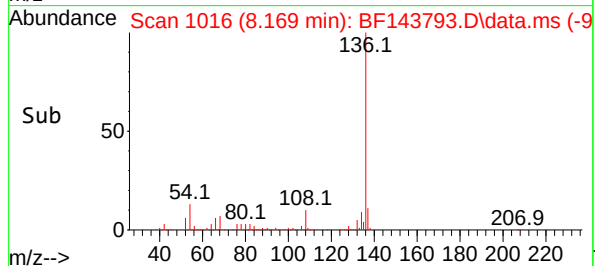
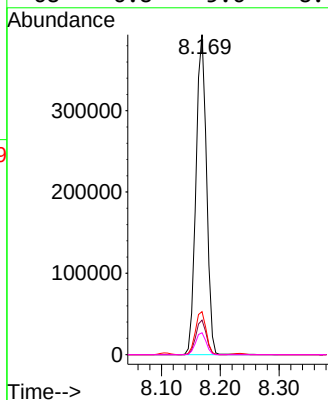
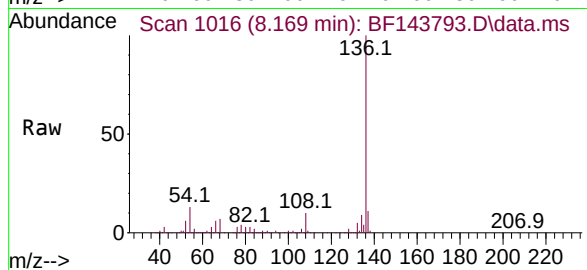
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 13.4 11.2 16.8

68 6.8 5.6 8.4



#22

Acetophenone

Concen: 10.604 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Tgt Ion:105 Resp: 113726

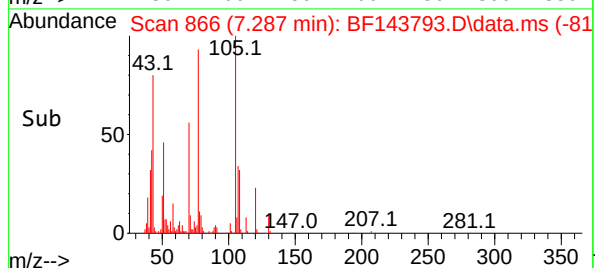
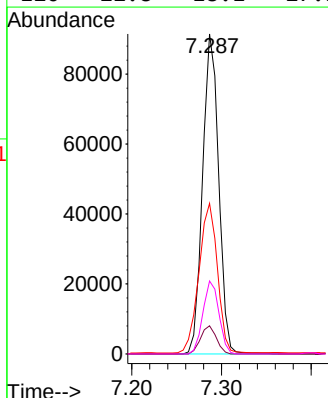
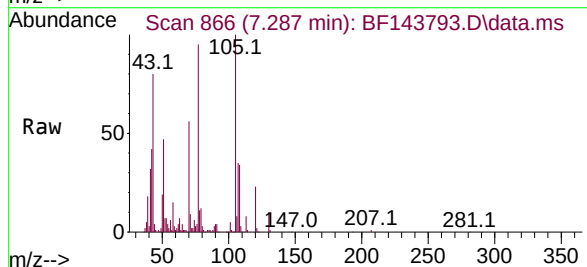
Ion Ratio Lower Upper

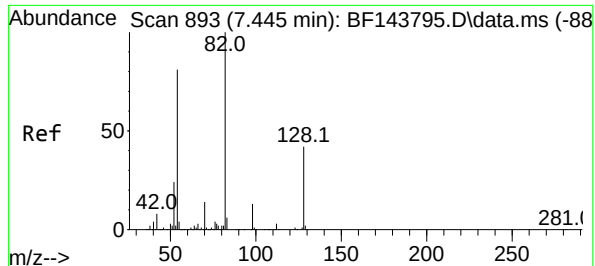
105 100

71 8.8 7.0 10.4

51 47.0 36.6 55.0

120 22.8 18.1 27.1

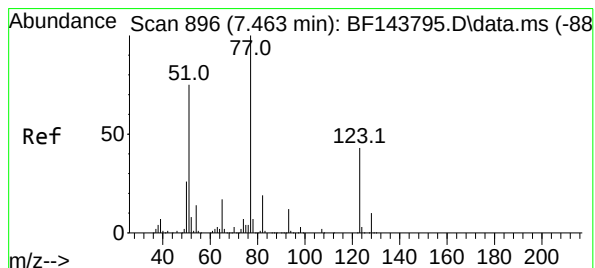
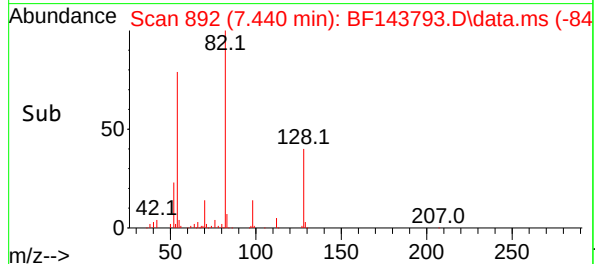
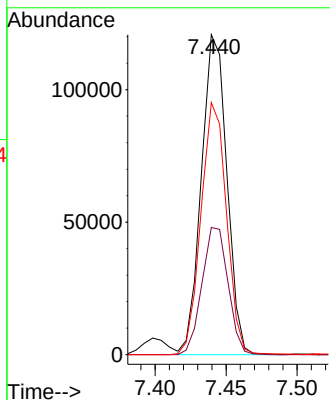
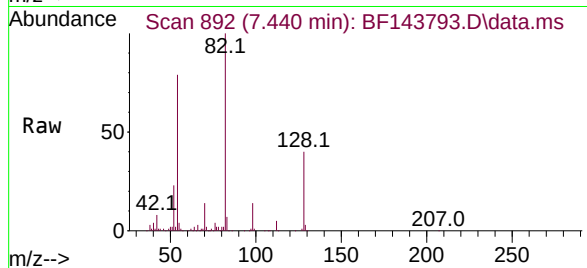




#23
Nitrobenzene-d5
Concen: 19.438 ng
RT: 7.440 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

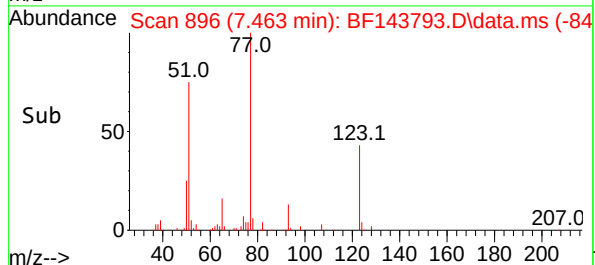
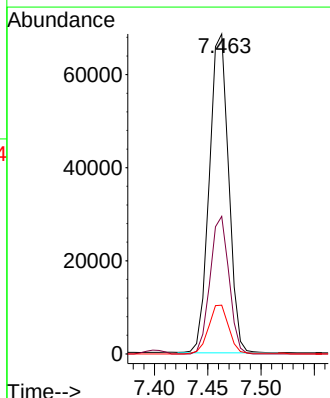
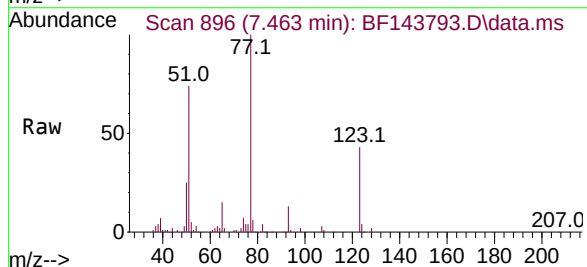
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

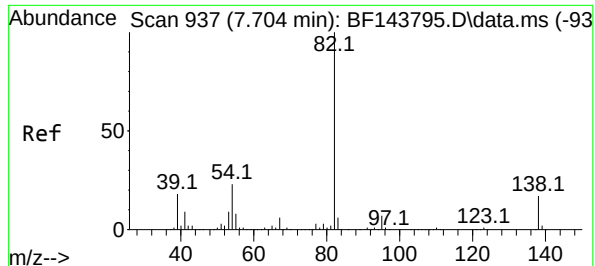
Tgt Ion: 82 Resp: 150816
Ion Ratio Lower Upper
82 100
128 39.7 33.3 49.9
54 78.8 64.2 96.4



#24
Nitrobenzene
Concen: 9.782 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 77 Resp: 86488
Ion Ratio Lower Upper
77 100
123 43.0 34.0 51.0
65 15.2 13.5 20.3





#25

Isophorone

Concen: 9.989 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

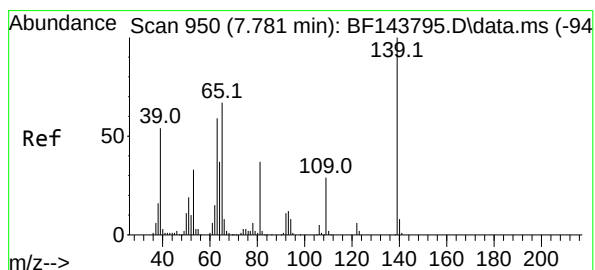
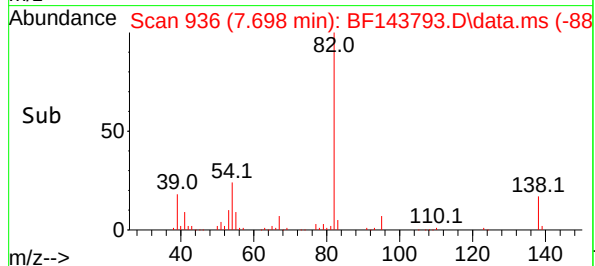
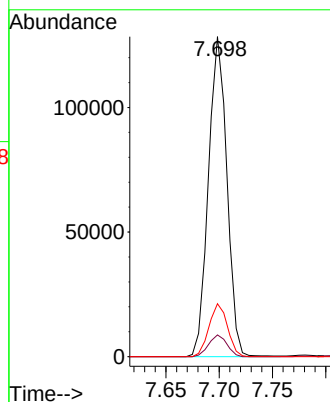
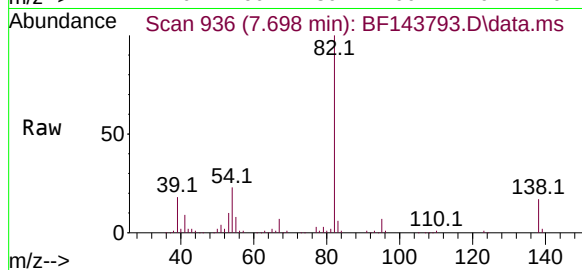
Tgt Ion: 82 Resp: 155268

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 16.5 13.7 20.5



#26

2-Nitrophenol

Concen: 9.284 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.005 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

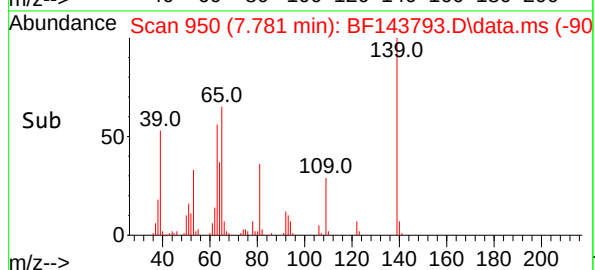
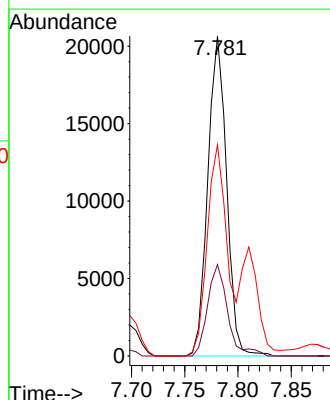
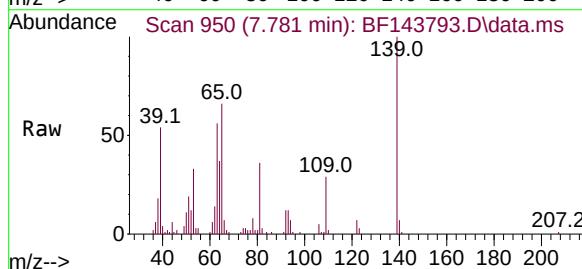
Tgt Ion: 139 Resp: 25281

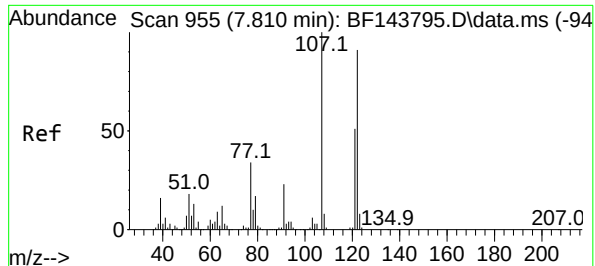
Ion Ratio Lower Upper

139 100

109 28.5 23.3 34.9

65 66.0 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 9.833 ng

RT: 7.810 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF143793.D

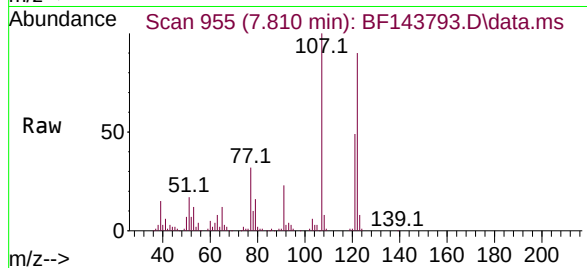
Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



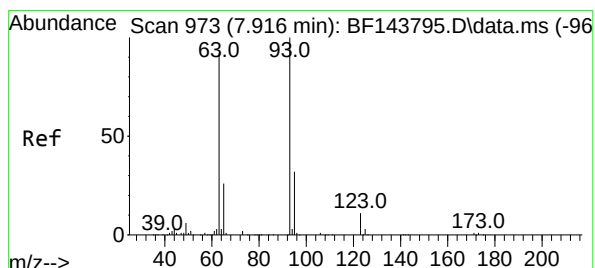
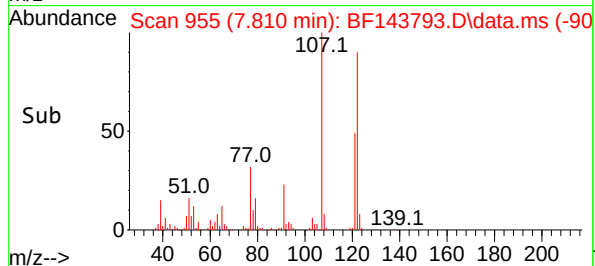
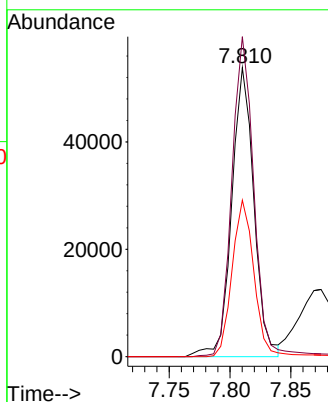
Tgt Ion:122 Resp: 68320

Ion Ratio Lower Upper

122 100

107 110.8 87.5 131.3

121 54.2 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 10.387 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

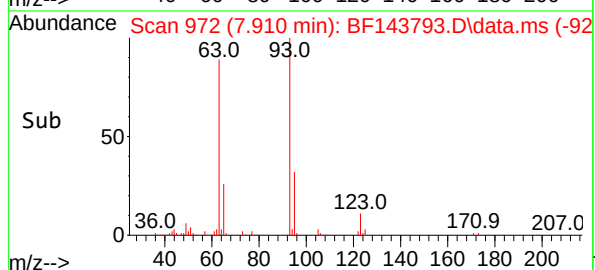
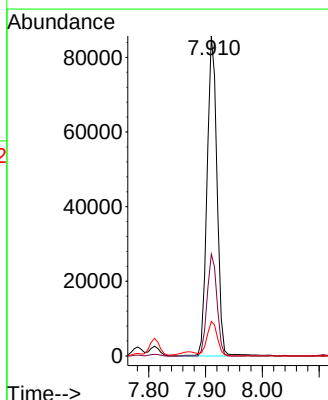
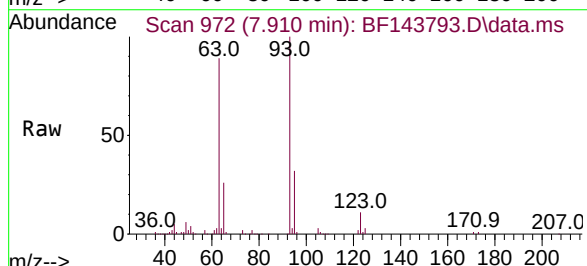
Tgt Ion: 93 Resp: 104902

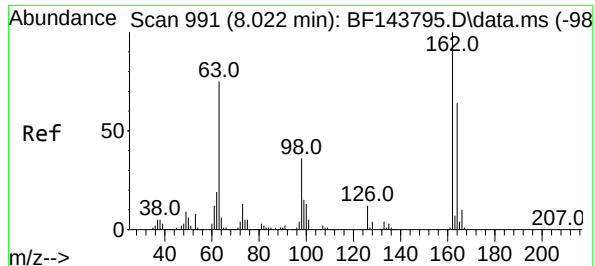
Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.8

123 10.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 10.200 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

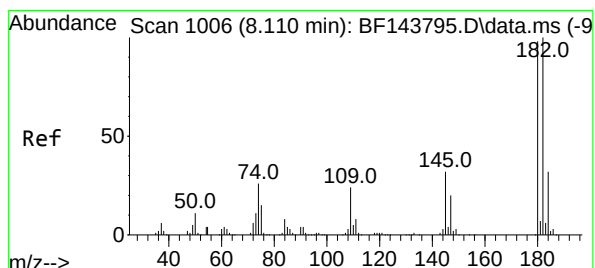
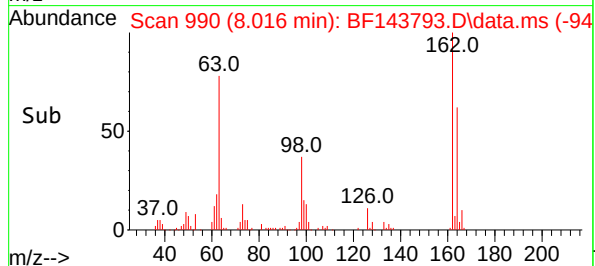
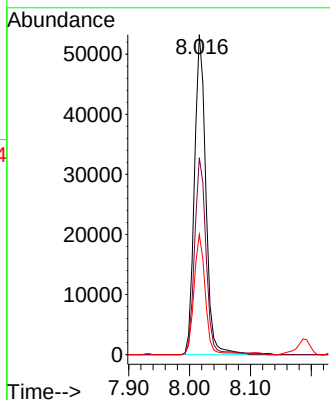
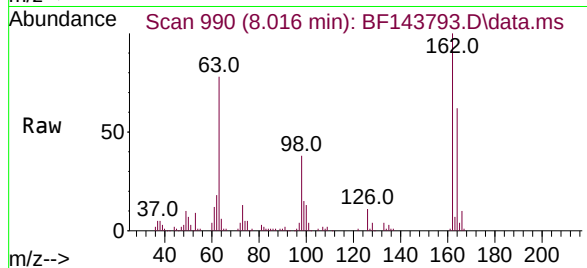
Tgt Ion:162 Resp: 69731

Ion Ratio Lower Upper

162 100

164 61.5 44.1 84.1

98 37.5 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 9.914 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

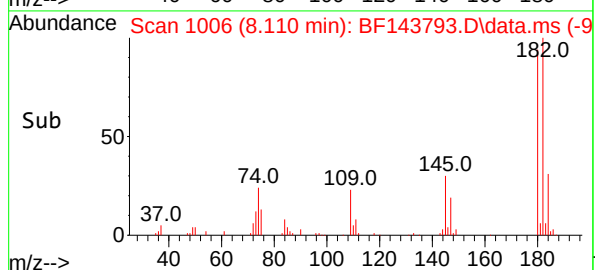
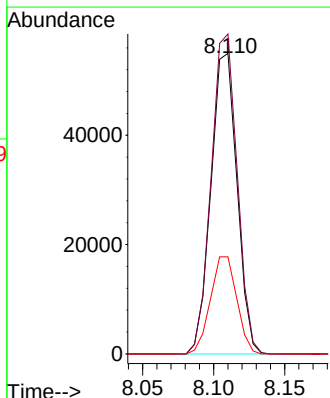
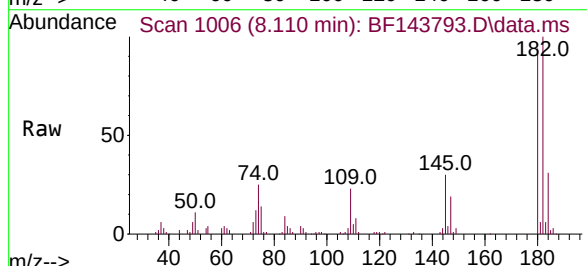
Tgt Ion:180 Resp: 70340

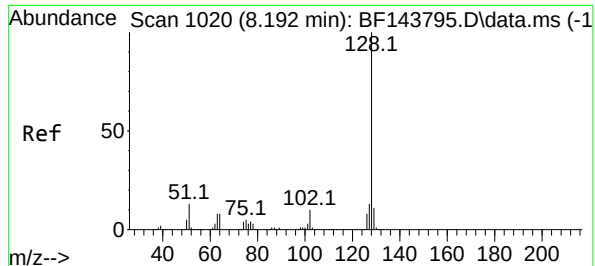
Ion Ratio Lower Upper

180 100

182 106.5 82.0 123.0

145 32.3 25.9 38.9

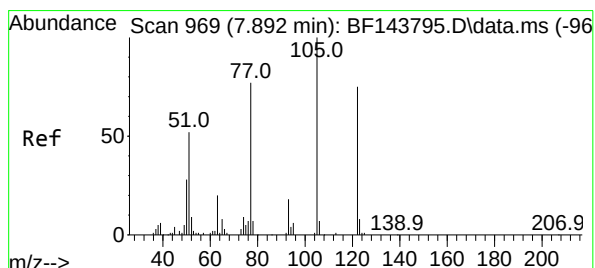
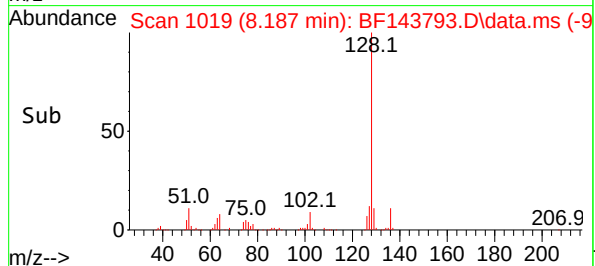
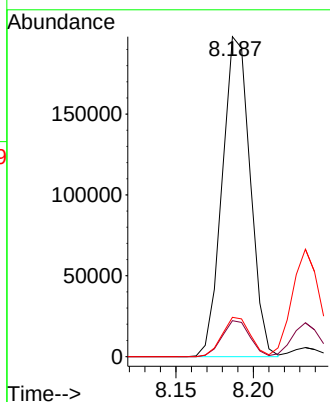
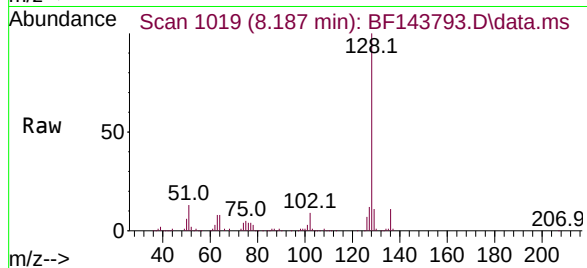




#31
Naphthalene
Concen: 10.662 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

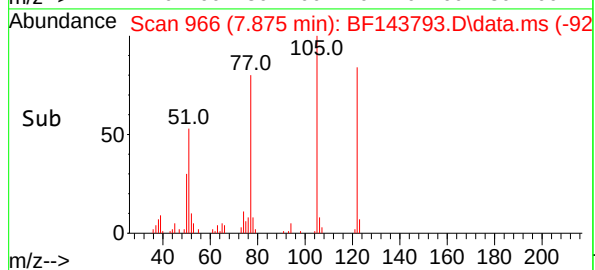
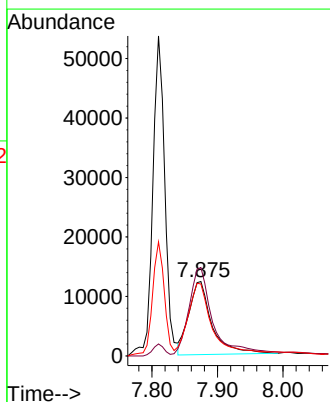
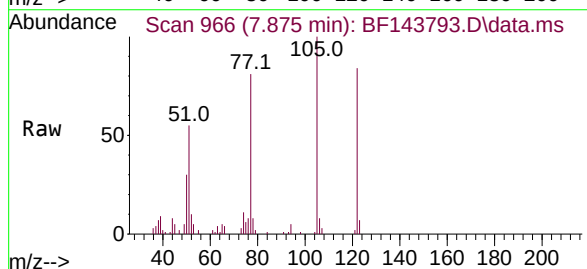
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

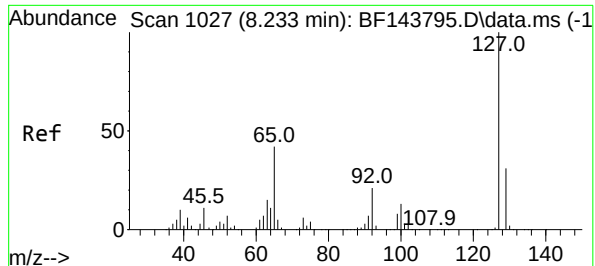
Tgt Ion:128 Resp: 249230
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.3 10.2 15.4



#32
Benzoic acid
Concen: 9.023 ng
RT: 7.875 min Scan# 966
Delta R.T. -0.047 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:122 Resp: 30248
Ion Ratio Lower Upper
122 100
105 118.9 103.7 143.7
77 96.9 78.8 118.8

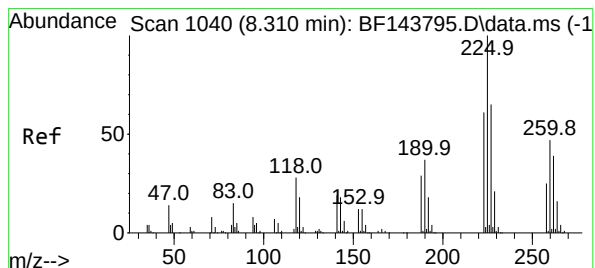
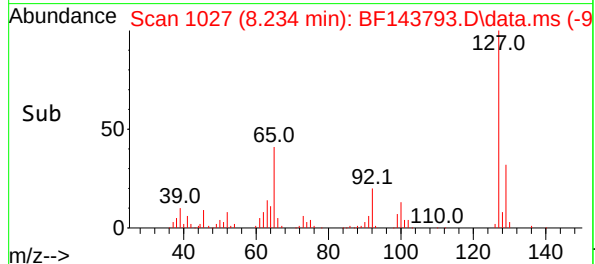
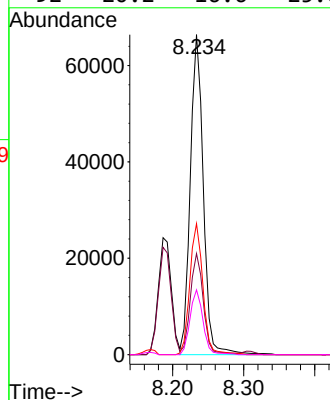
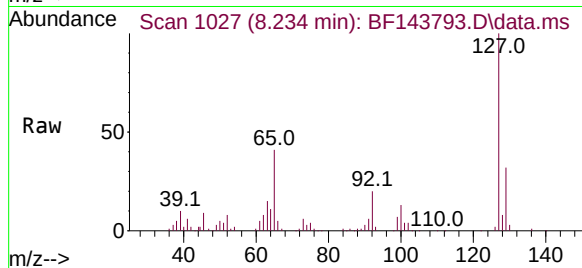




#33
4-Chloroaniline
Concen: 10.316 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

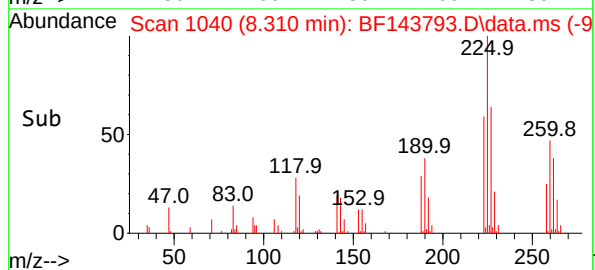
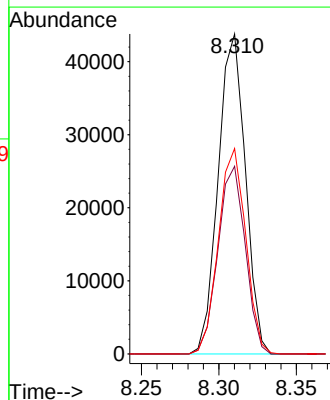
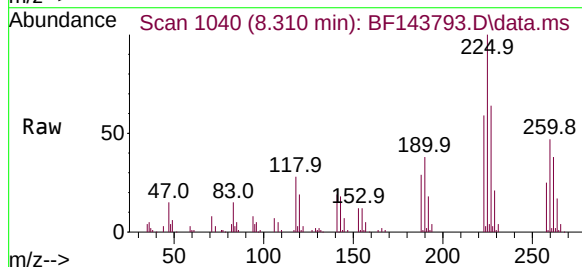
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

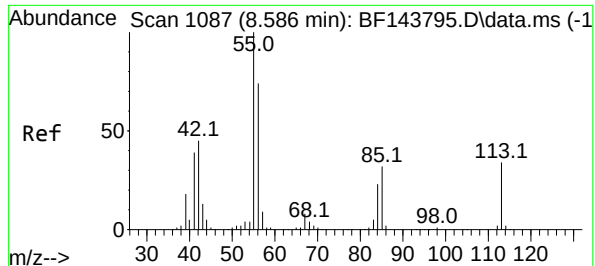
Tgt Ion:127	Resp:	84740
Ion	Ratio	Lower Upper
127	100	
129	31.6	25.4 38.2
65	40.9	33.4 50.2
92	20.2	16.6 25.0



#34
Hexachlorobutadiene
Concen: 10.103 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:225	Resp:	53434
Ion	Ratio	Lower Upper
225	100	
223	58.6	48.6 72.8
227	64.2	51.9 77.9

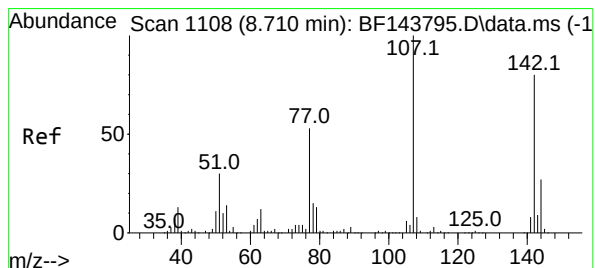
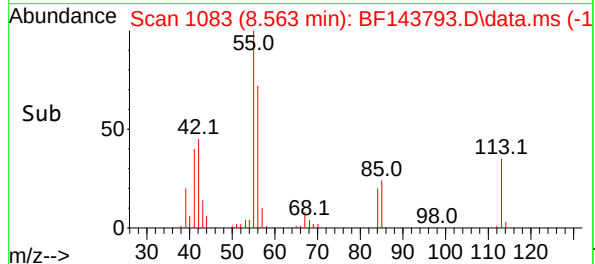
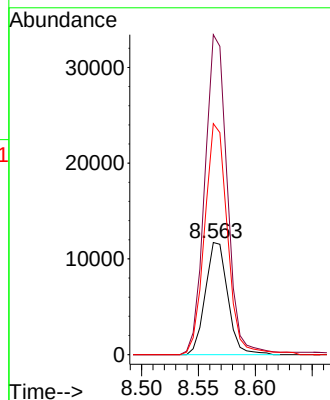
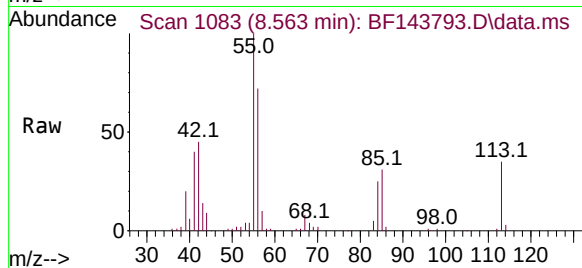




#35
Caprolactam
Concen: 9.192 ng
RT: 8.563 min Scan# 1107
Delta R.T. -0.047 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

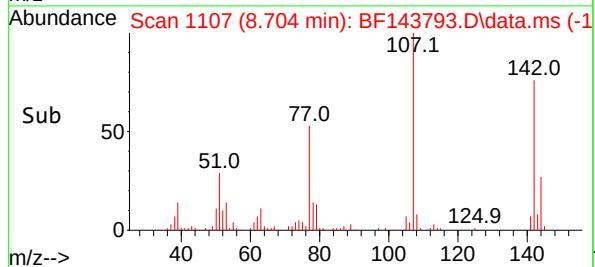
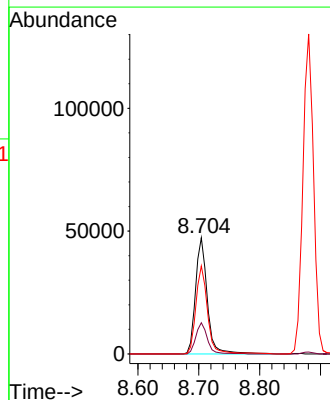
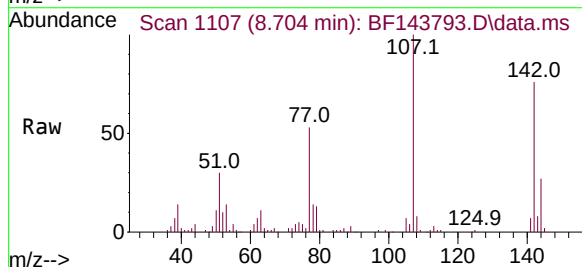
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

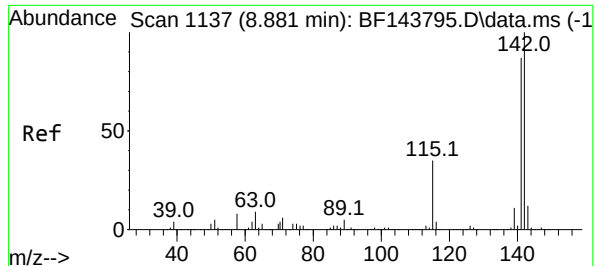
Tgt Ion:113 Resp: 16062
Ion Ratio Lower Upper
113 100
55 285.6 271.7 311.7
56 206.2 194.5 234.5



#36
4-Chloro-3-methylphenol
Concen: 9.882 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:107 Resp: 63361
Ion Ratio Lower Upper
107 100
144 26.7 21.8 32.8
142 75.7 63.6 95.4





#37

2-Methylnaphthalene

Concen: 10.644 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

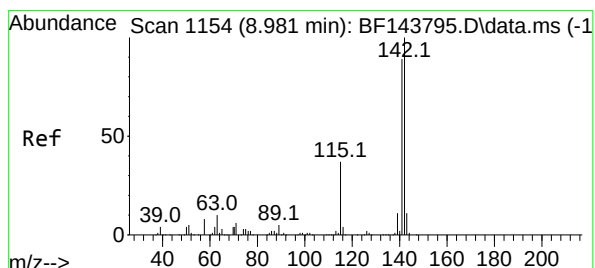
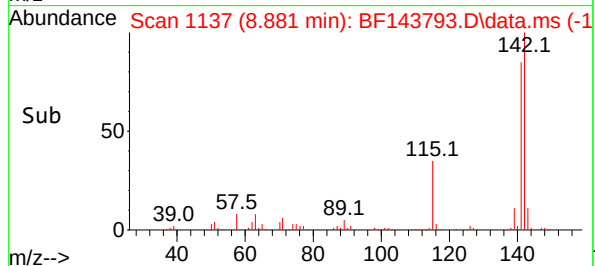
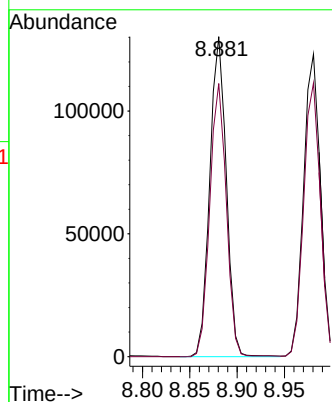
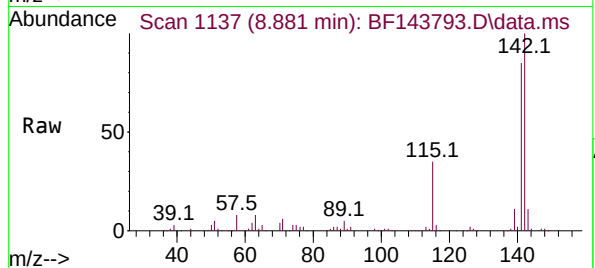
SSTDIC010

Tgt Ion:142 Resp: 158654

Ion Ratio Lower Upper

142 100

141 85.3 69.4 104.0



#38

1-Methylnaphthalene

Concen: 10.572 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143793.D

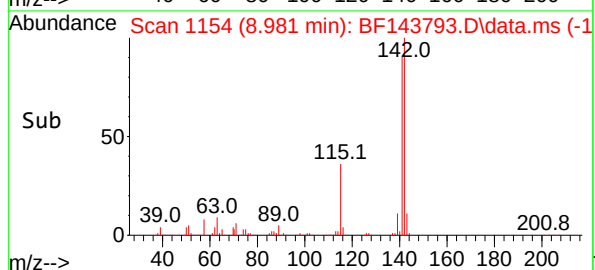
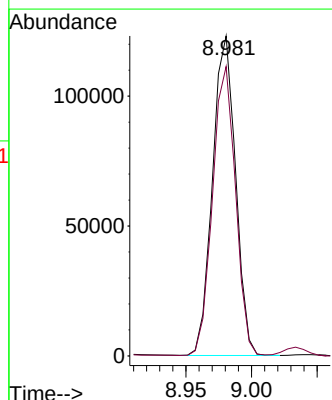
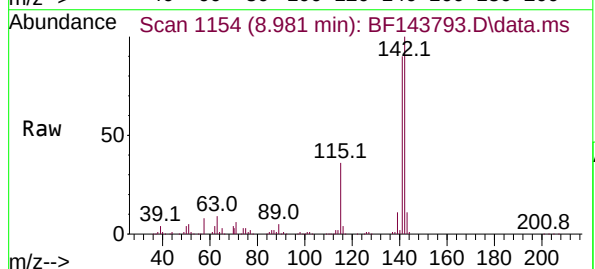
Acq: 23 Sep 2025 11:57

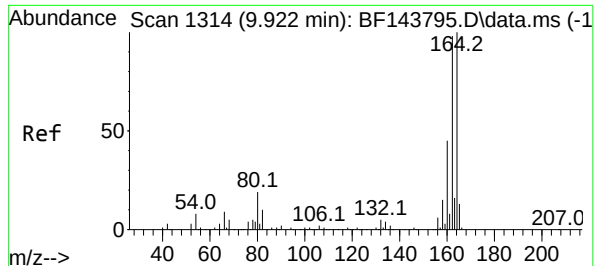
Tgt Ion:142 Resp: 150831

Ion Ratio Lower Upper

142 100

141 90.4 71.1 106.7

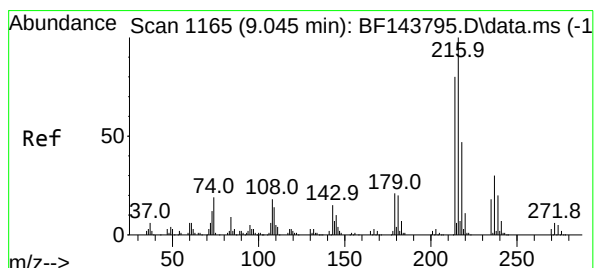
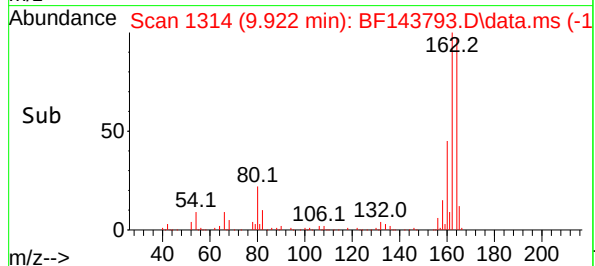
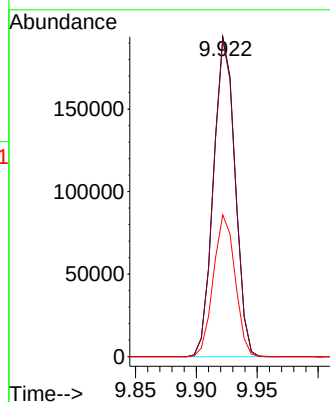
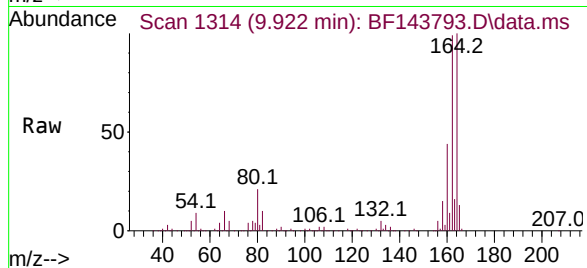




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

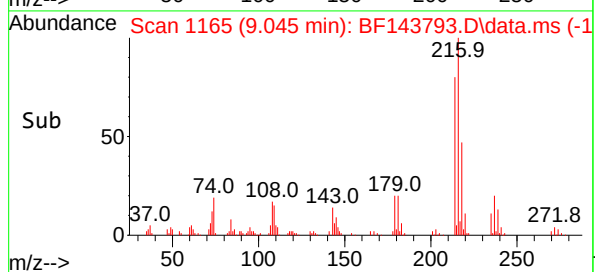
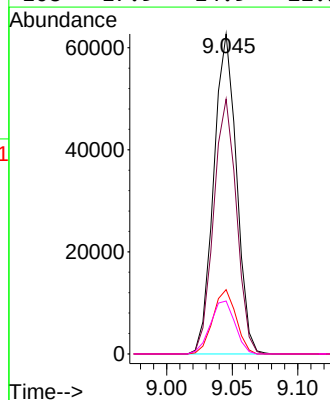
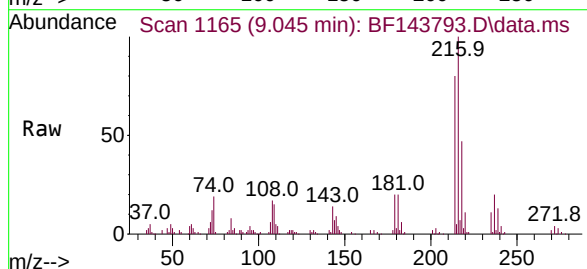
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

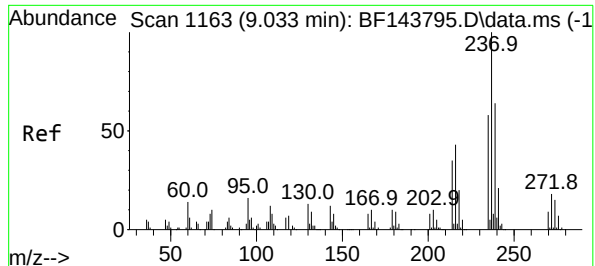
Tgt Ion:164 Resp: 239396
Ion Ratio Lower Upper
164 100
162 99.0 78.8 118.2
160 44.3 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.509 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:216 Resp: 75923
Ion Ratio Lower Upper
216 100
214 79.8 63.7 95.5
179 20.4 16.5 24.7
108 17.9 14.9 22.3

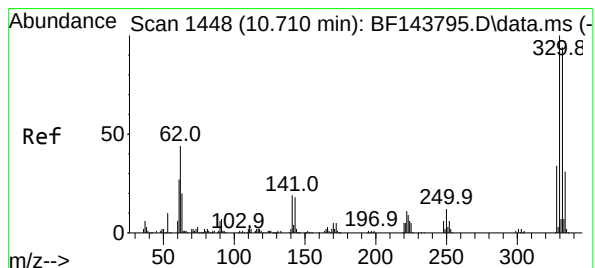
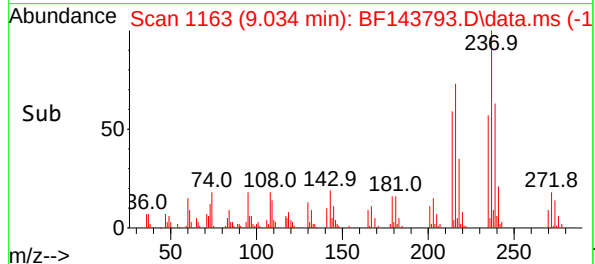
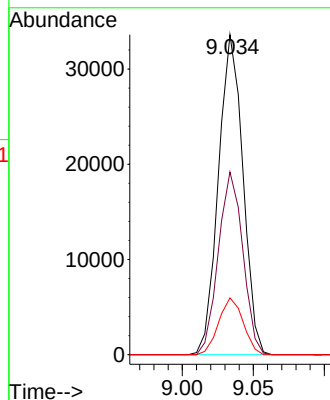
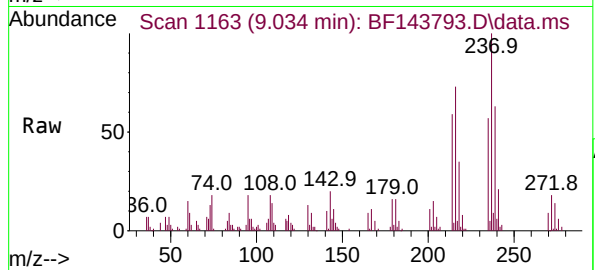




#41
Hexachlorocyclopentadiene
Concen: 8.792 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

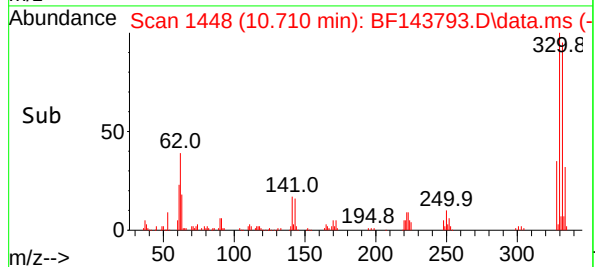
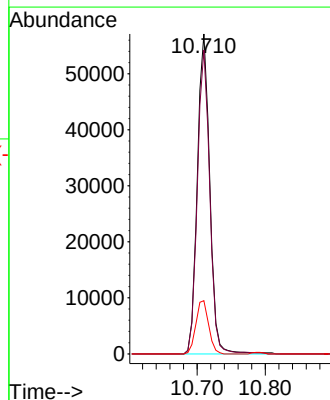
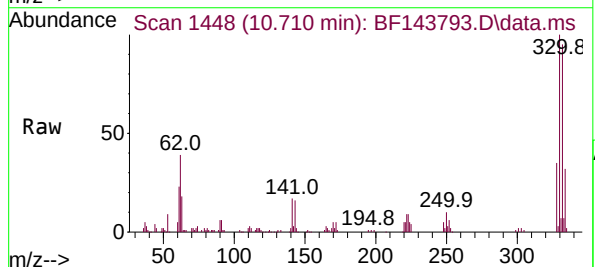
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

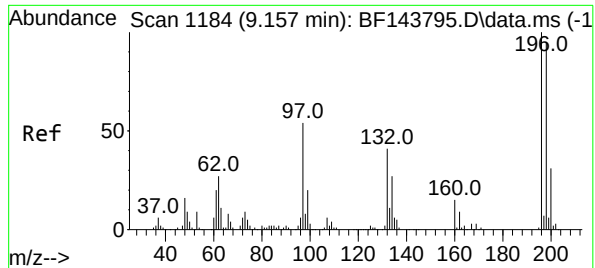
Tgt Ion:237 Resp: 40258
Ion Ratio Lower Upper
237 100
235 57.1 38.1 78.1
272 17.7 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 21.225 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:330 Resp: 72517
Ion Ratio Lower Upper
330 100
332 94.6 74.7 112.1
141 17.0 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 9.474 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143793.D

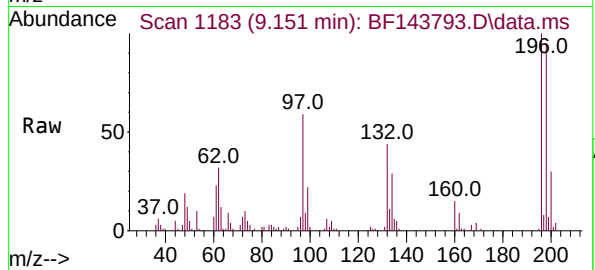
Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



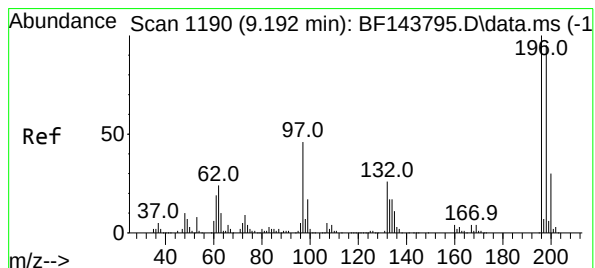
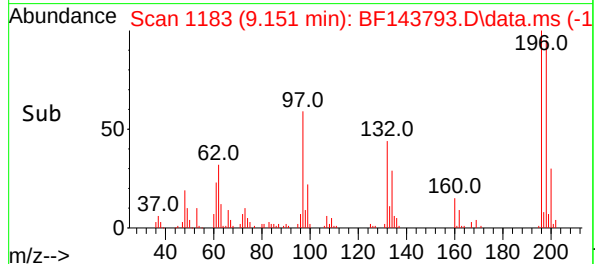
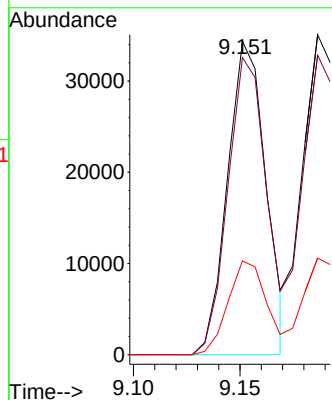
Tgt Ion:196 Resp: 42859

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.2

200 29.9 24.7 37.1



#44

2,4,5-Trichlorophenol

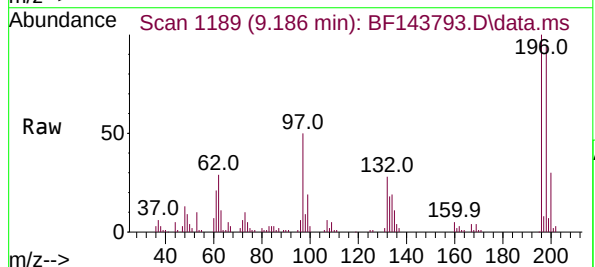
Concen: 9.889 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57



Tgt Ion:196 Resp: 46791

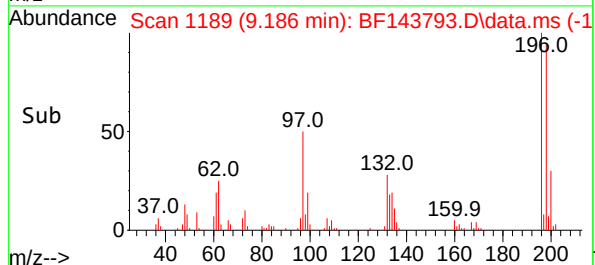
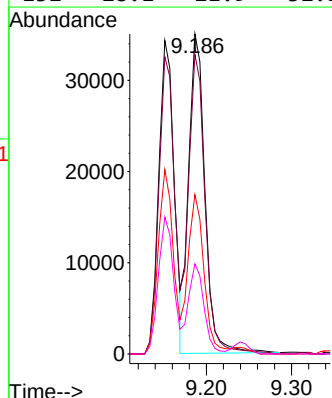
Ion Ratio Lower Upper

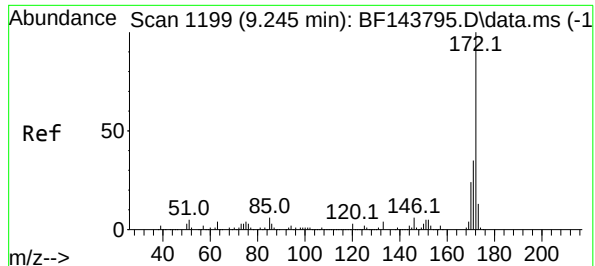
196 100

198 93.6 75.9 113.9

97 49.8 38.3 57.5

132 28.1 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 21.809 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

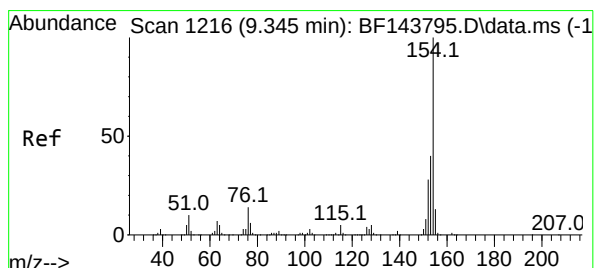
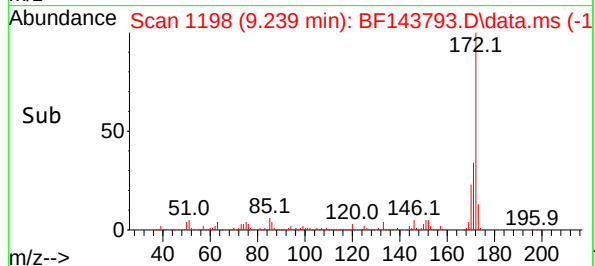
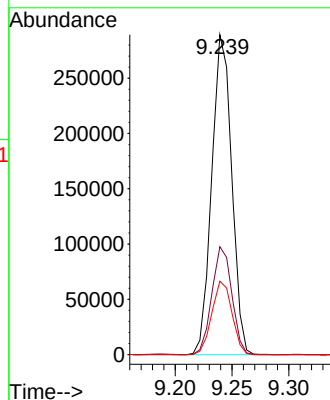
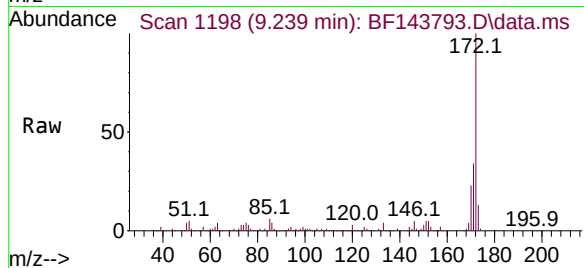
Tgt Ion:172 Resp: 353299

Ion Ratio Lower Upper

172 100

171 33.7 27.9 41.9

170 22.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 10.644 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

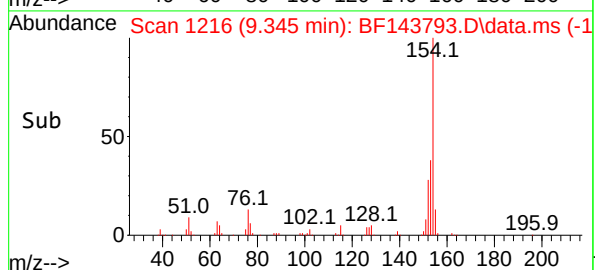
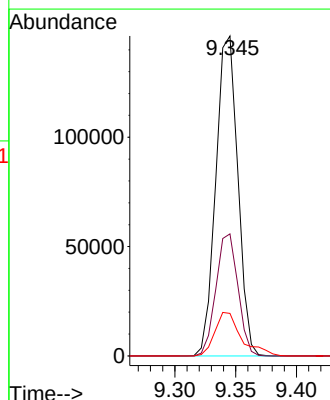
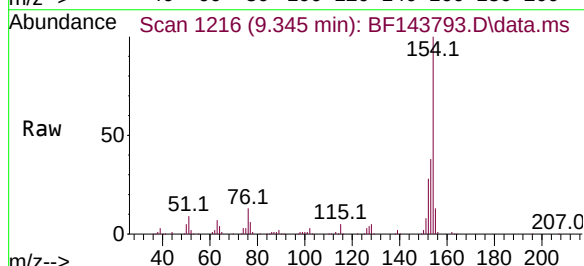
Tgt Ion:154 Resp: 184443

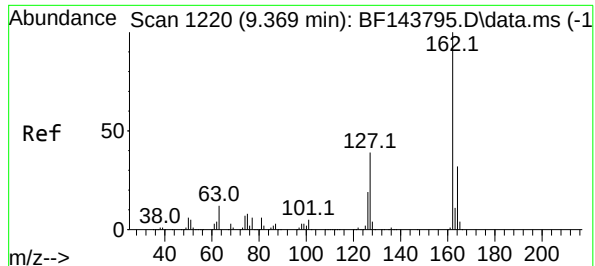
Ion Ratio Lower Upper

154 100

153 38.1 19.7 59.7

76 13.3 0.0 33.8





#47

2-Chloronaphthalene

Concen: 10.496 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

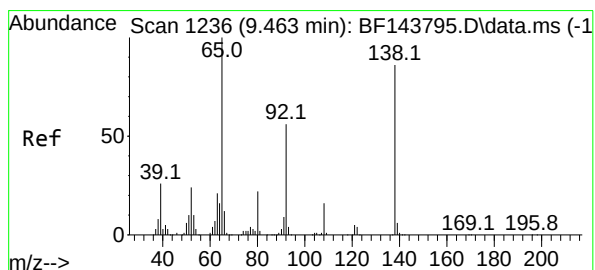
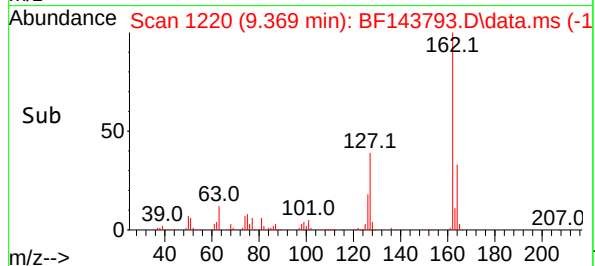
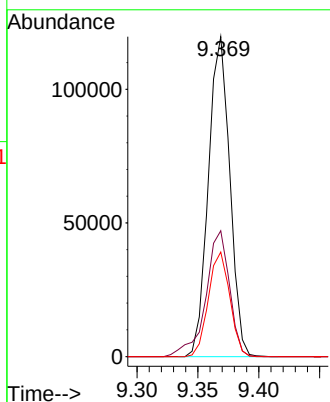
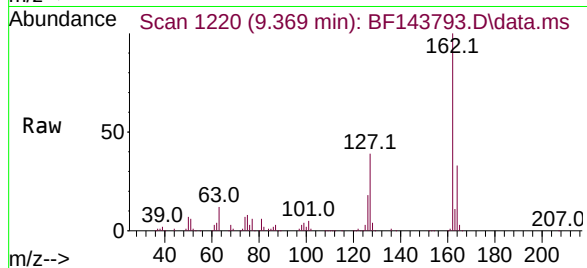
Tgt Ion:162 Resp: 146409

Ion Ratio Lower Upper

162 100

127 39.3 31.5 47.3

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 8.646 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

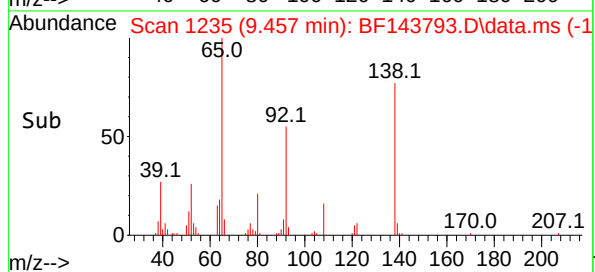
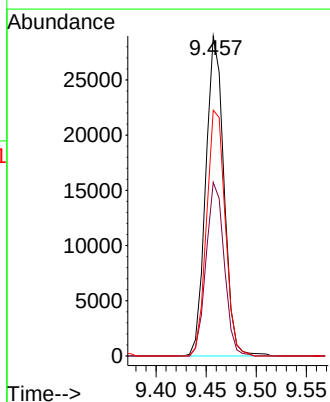
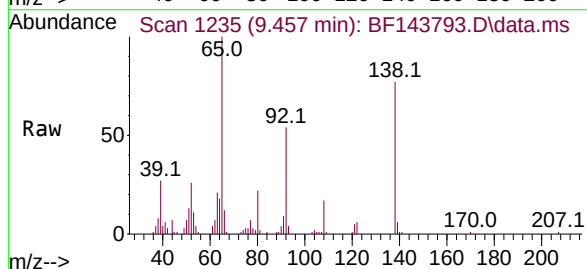
Tgt Ion: 65 Resp: 36451

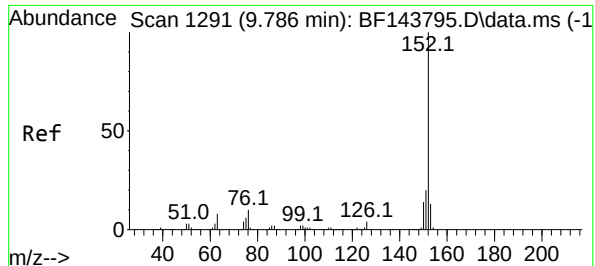
Ion Ratio Lower Upper

65 100

92 54.2 44.9 67.3

138 76.8 69.0 103.4





#49

Acenaphthylene

Concen: 10.338 ng

RT: 9.781 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

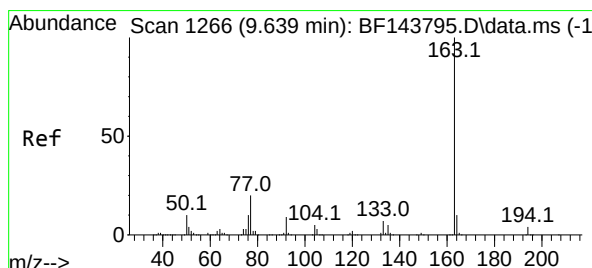
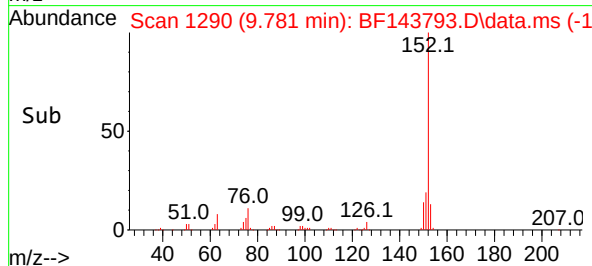
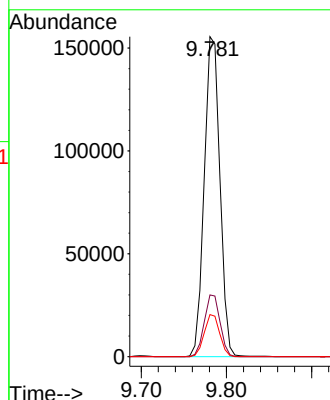
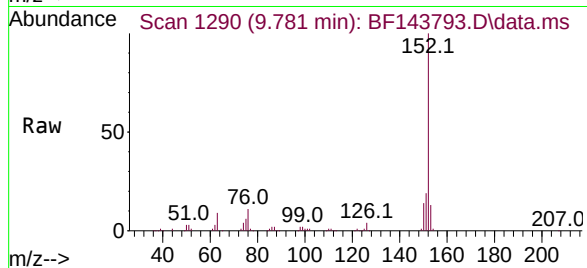
Tgt Ion:152 Resp: 198522

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 10.118 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

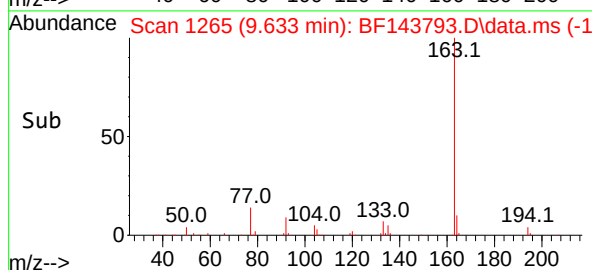
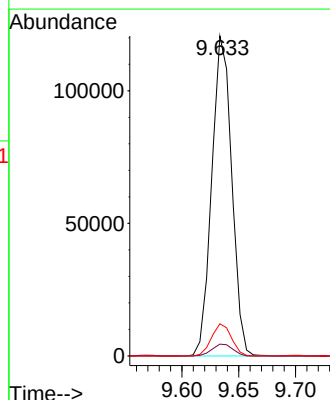
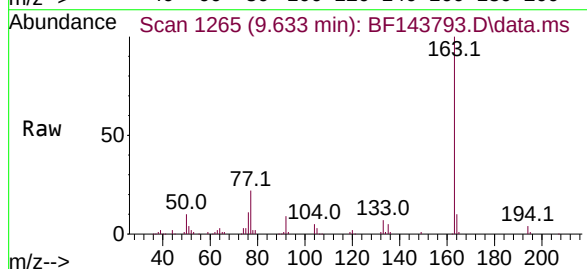
Tgt Ion:163 Resp: 147631

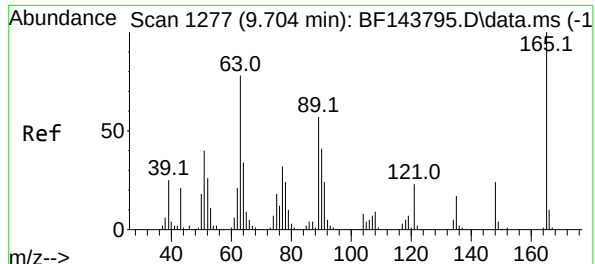
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 8.2 12.2

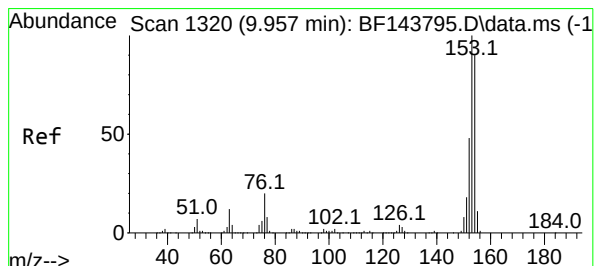
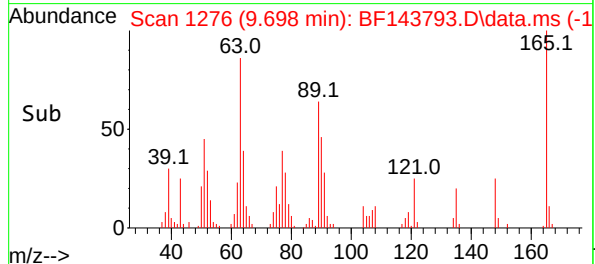
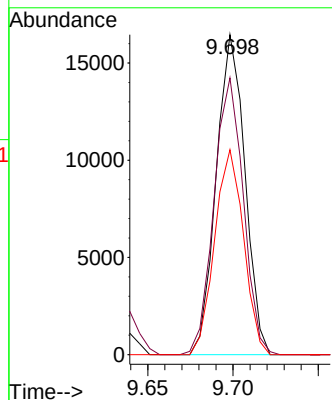
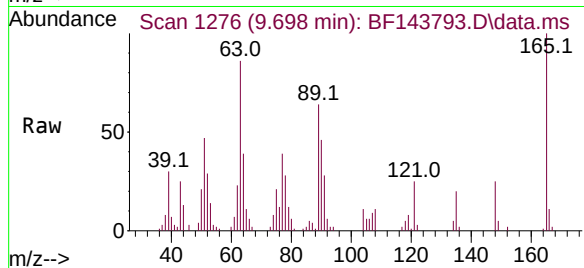




#51
2,6-Dinitrotoluene
Concen: 8.025 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

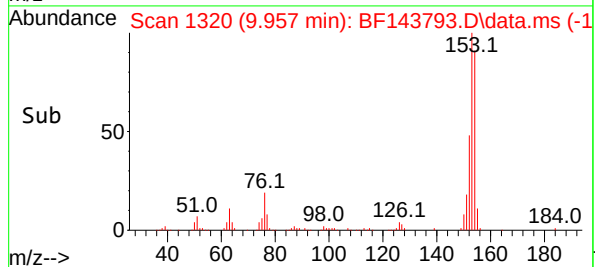
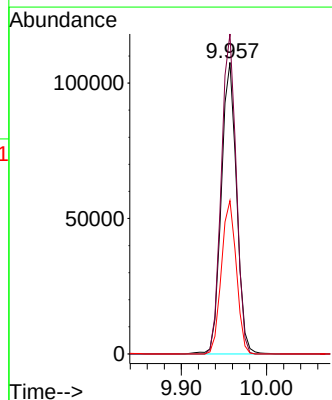
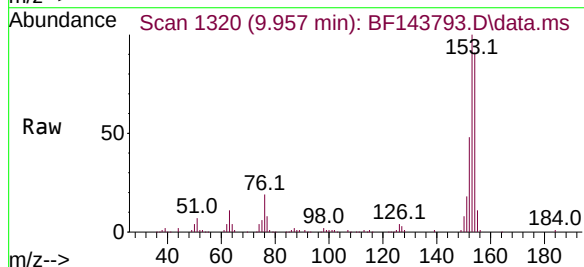
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

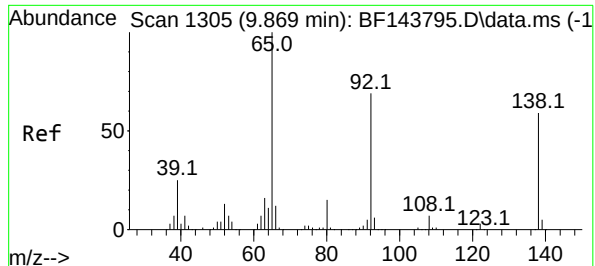
Tgt Ion	Ratio	Lower	Upper
165	100		
63	86.5	62.6	94.0
89	64.0	45.2	67.8



#52
Acenaphthene
Concen: 10.619 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	88.7	133.1
152	52.6	42.7	64.1





#53

3-Nitroaniline

Concen: 8.650 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

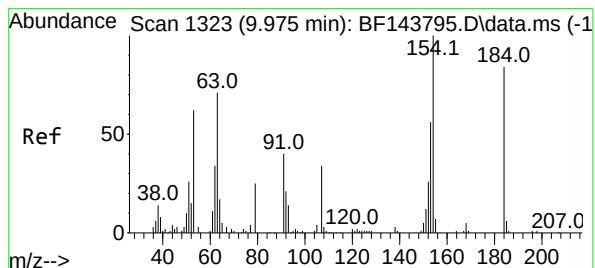
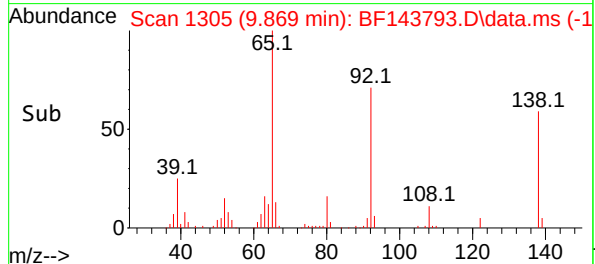
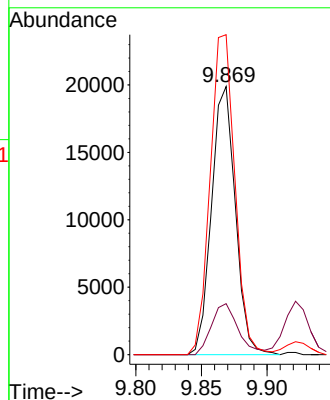
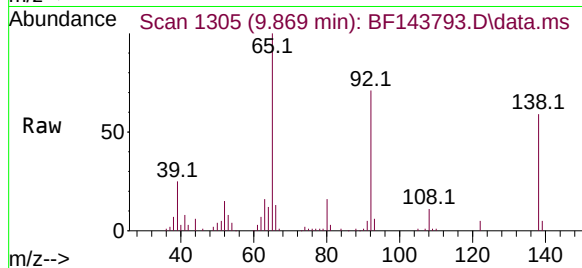
Tgt Ion:138 Resp: 25136

Ion Ratio Lower Upper

138 100

108 19.0 9.9 14.9#

92 119.3 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 11.233 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

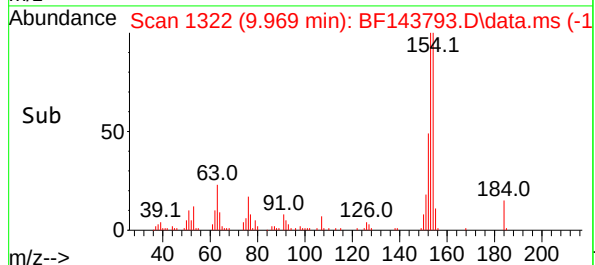
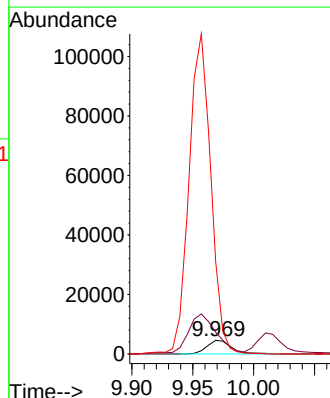
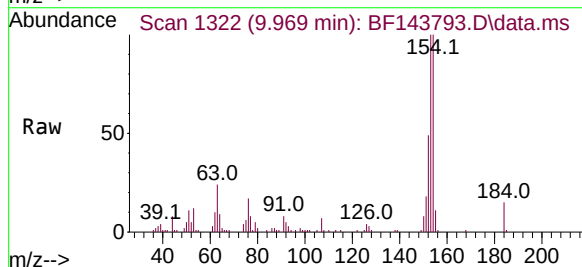
Tgt Ion:184 Resp: 6231

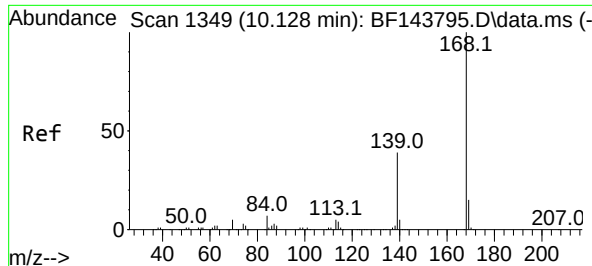
Ion Ratio Lower Upper

184 100

63 160.0 84.6 127.0#

154 677.6 199.3 298.9#





#55

Dibenzofuran

Concen: 10.393 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

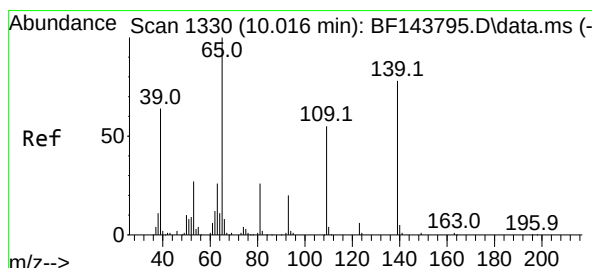
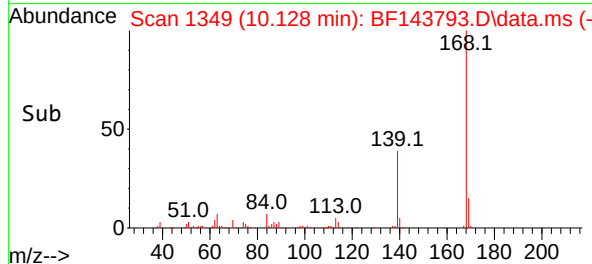
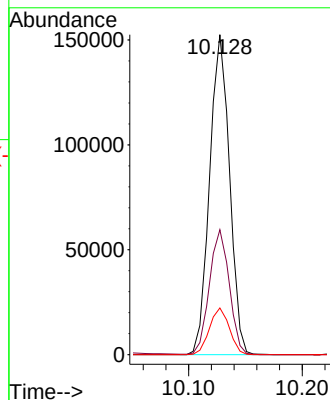
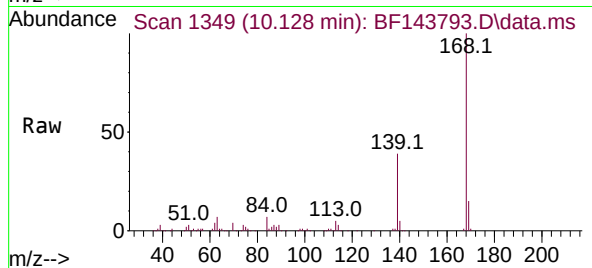
Tgt Ion:168 Resp: 185710

Ion Ratio Lower Upper

168 100

139 39.0 31.0 46.6

169 14.6 11.9 17.9



#56

4-Nitrophenol

Concen: 10.065 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

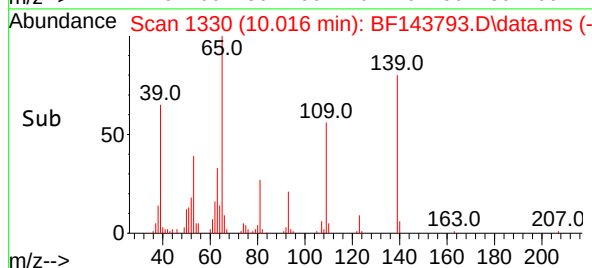
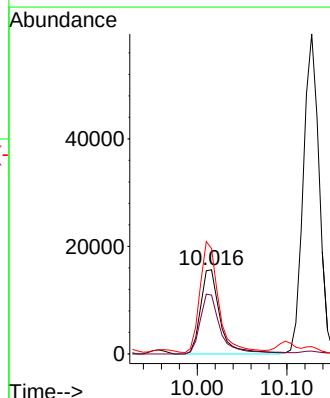
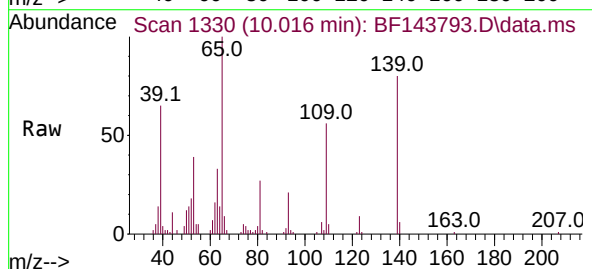
Tgt Ion:139 Resp: 23569

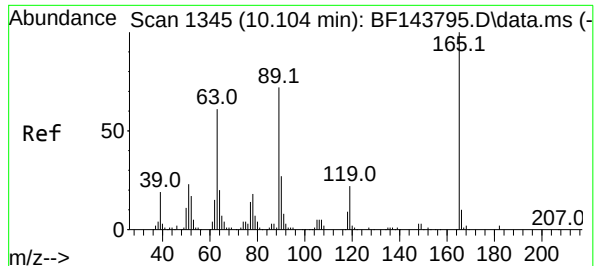
Ion Ratio Lower Upper

139 100

109 69.9 50.2 90.2

65 125.3 109.2 149.2

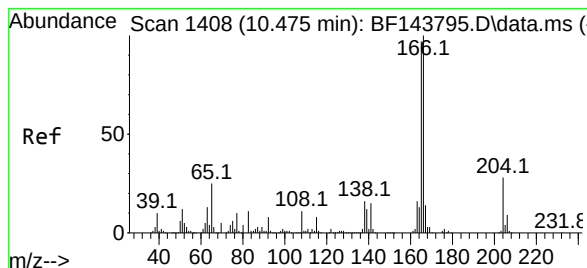
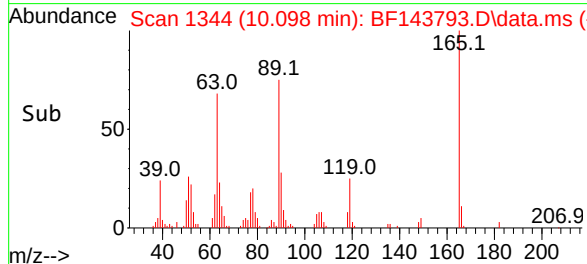
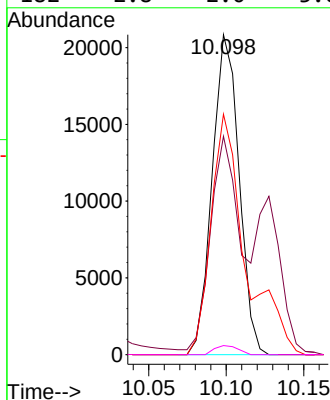
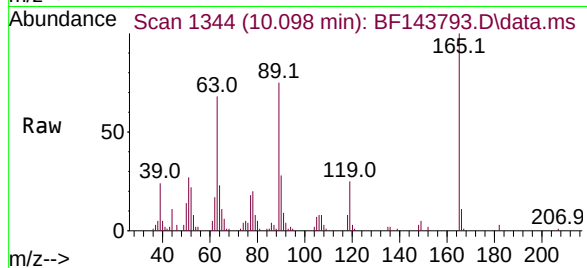




#57
2,4-Dinitrotoluene
Concen: 9.543 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

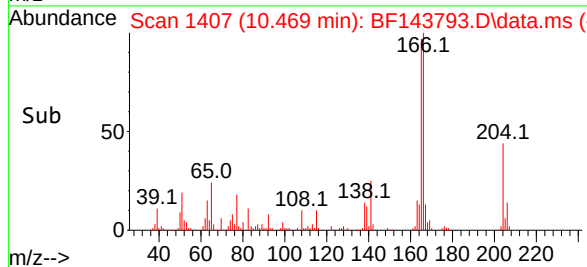
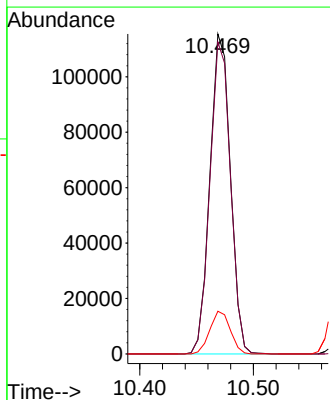
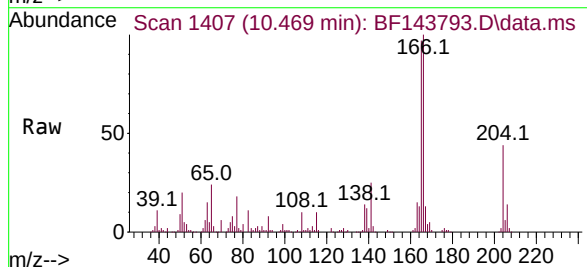
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

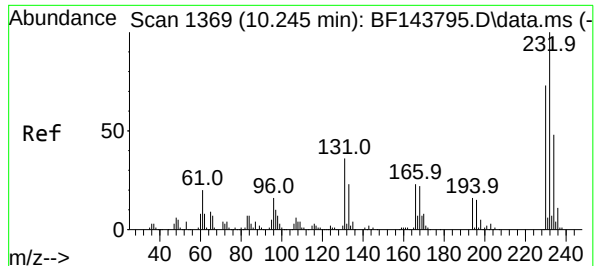
Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.2	48.9	73.3
89	75.1	57.5	86.3
182	2.8	2.0	3.0



#58
Fluorene
Concen: 10.898 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.0	117.0
167	13.3	10.9	16.3

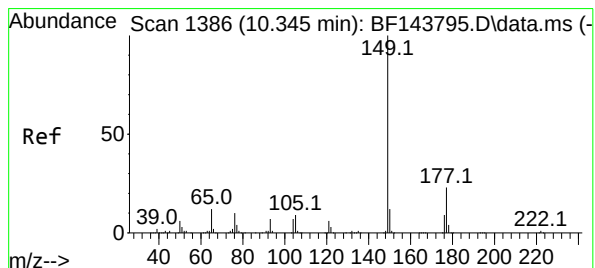
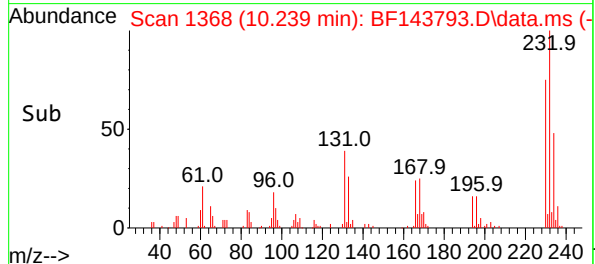
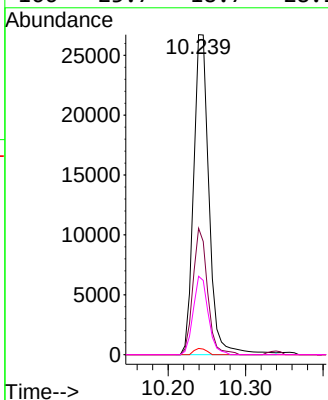
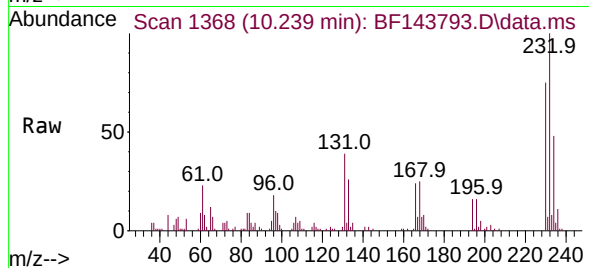




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.120 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

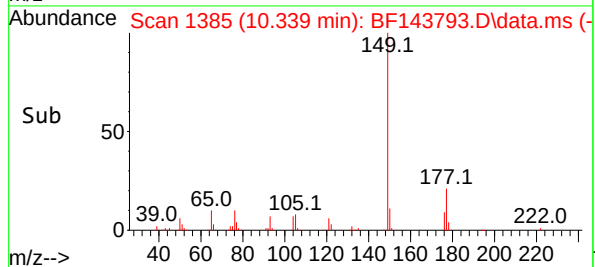
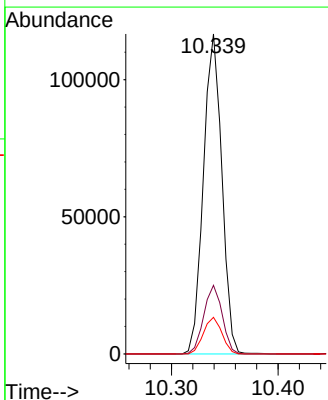
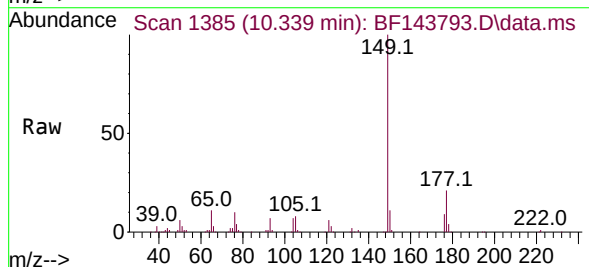
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

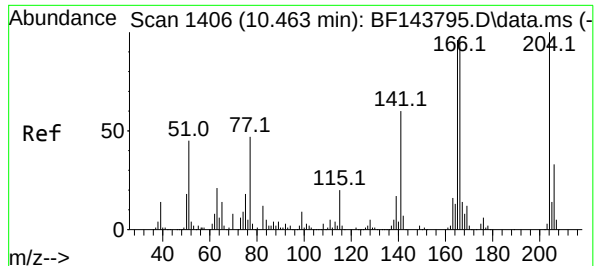
Tgt Ion:232 Resp: 36970
Ion Ratio Lower Upper
232 100
131 37.0 29.4 44.2
130 1.5 1.3 1.9
166 23.7 18.7 28.1



#60
Diethylphthalate
Concen: 10.254 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:149 Resp: 140054
Ion Ratio Lower Upper
149 100
177 21.4 18.1 27.1
150 11.4 9.7 14.5

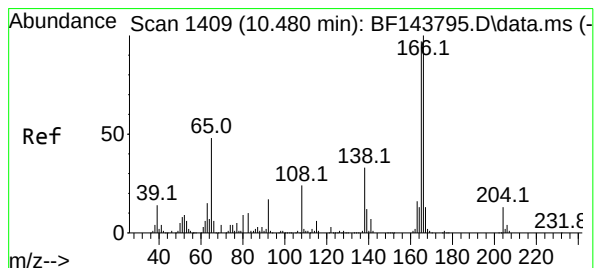
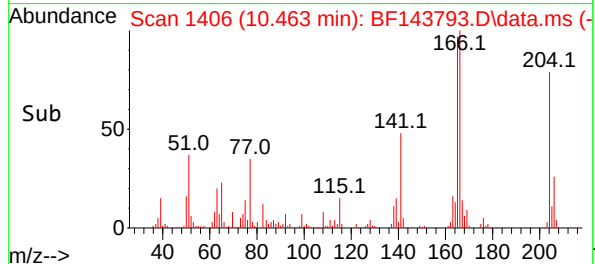
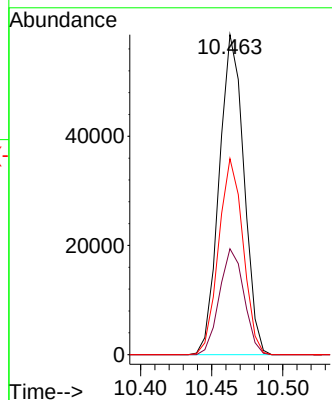
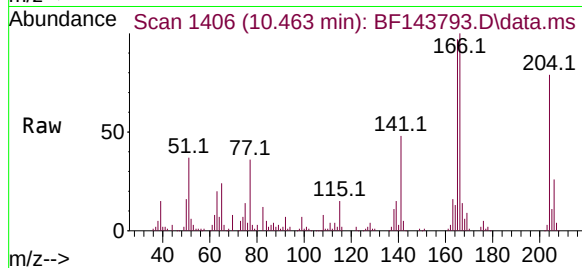




#61
4-Chlorophenyl-phenylether
Concen: 10.472 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

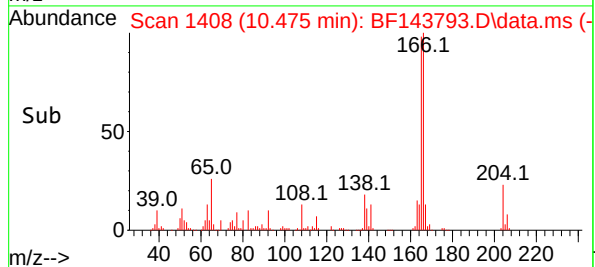
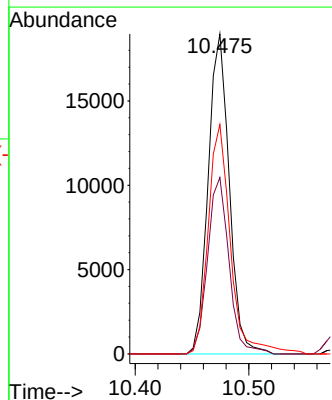
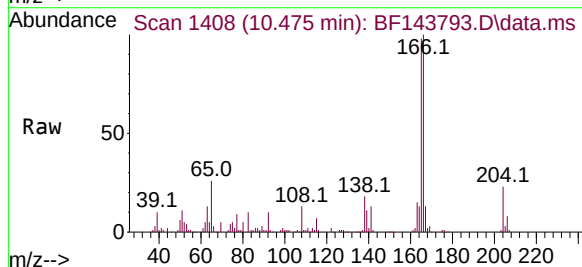
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

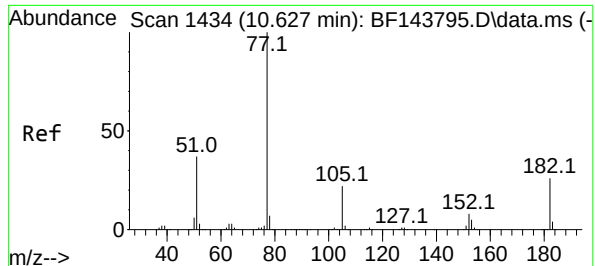
Tgt Ion	204	Resp:	70883
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.7	40.1
141	61.2	48.2	72.2



#62
4-Nitroaniline
Concen: 8.943 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	138	Resp:	24435
Ion Ratio	Lower	Upper	
138	100		
92	55.1	31.5	71.5
108	71.7	51.9	91.9

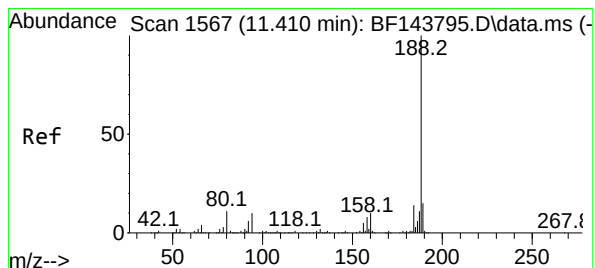
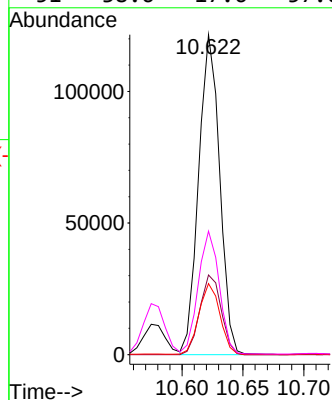
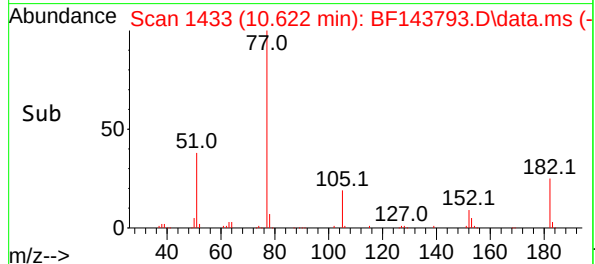
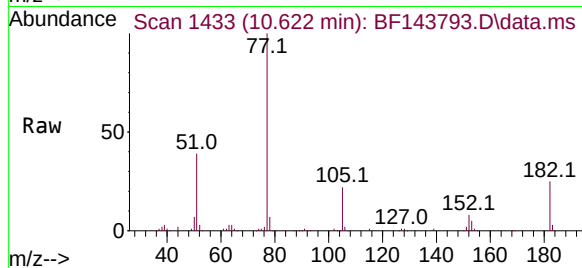




#63
Azobenzene
Concen: 10.152 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

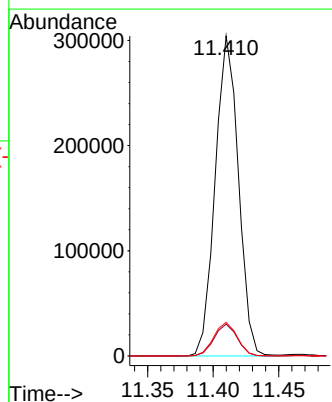
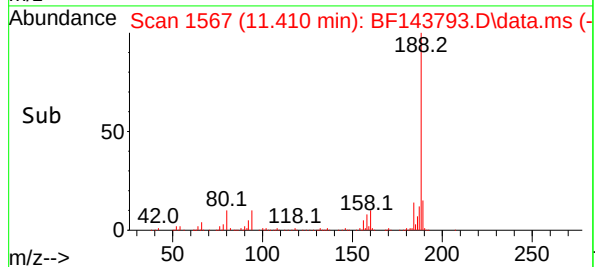
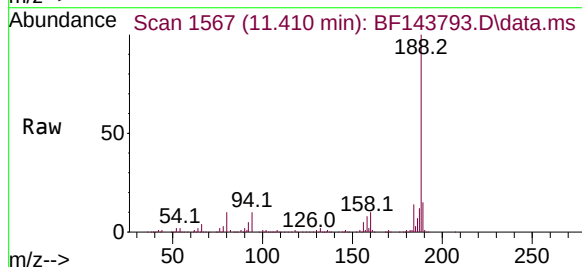
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

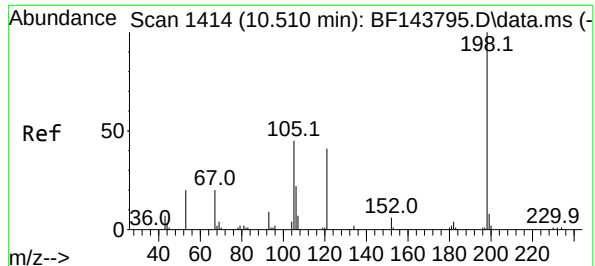
Tgt Ion: 77 Resp: 146130
Ion Ratio Lower Upper
77 100
182 24.9 5.9 45.9
105 22.2 2.3 42.3
51 38.6 17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion: 188 Resp: 375125
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.5 8.6 12.8

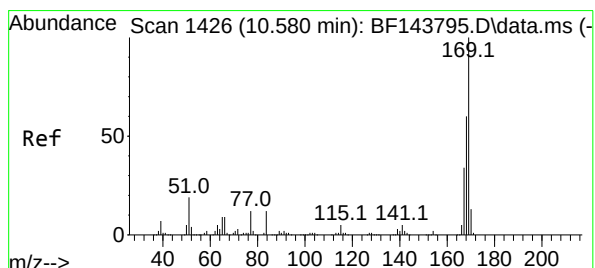
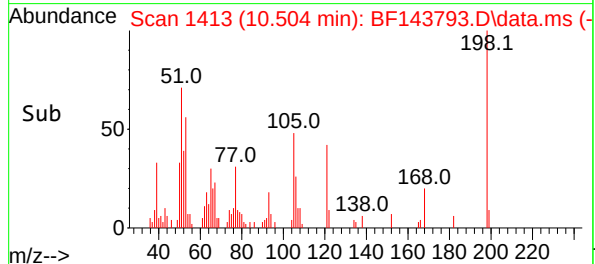
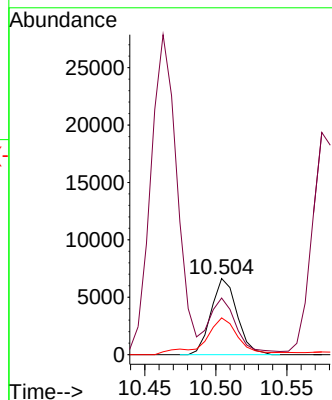
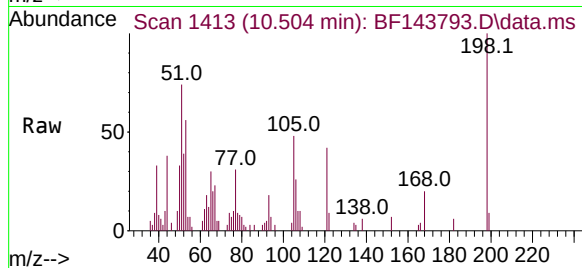




#65
4,6-Dinitro-2-methylphenol
Concen: 10.867 ng
RT: 10.504 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

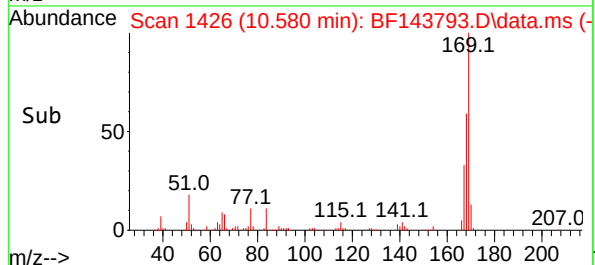
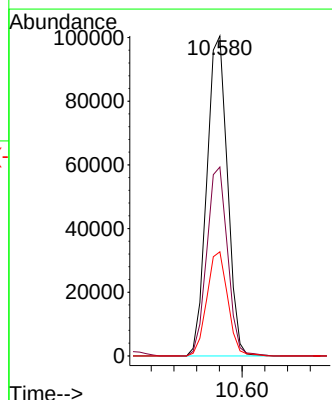
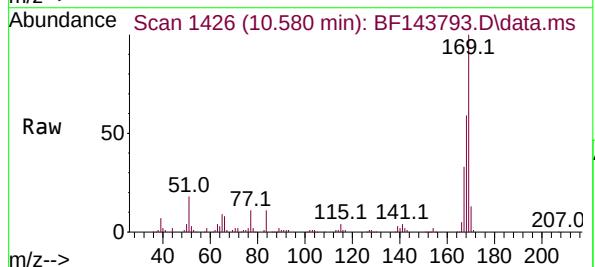
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

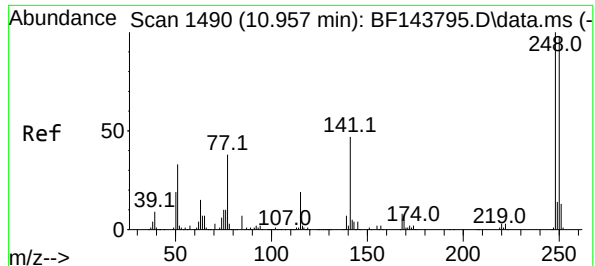
Tgt Ion:198 Resp: 8417
Ion Ratio Lower Upper
198 100
51 74.4 52.0 92.0
105 48.2 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 10.261 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:169 Resp: 126584
Ion Ratio Lower Upper
169 100
168 59.0 47.9 71.9
167 32.5 27.0 40.6

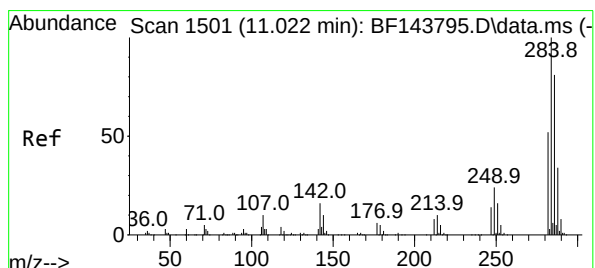
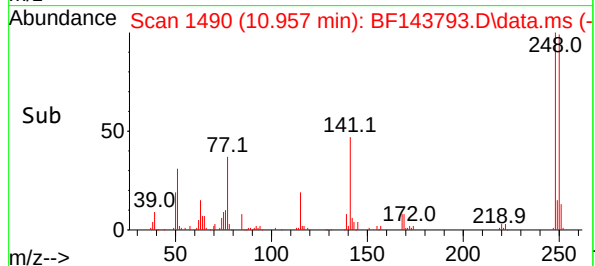
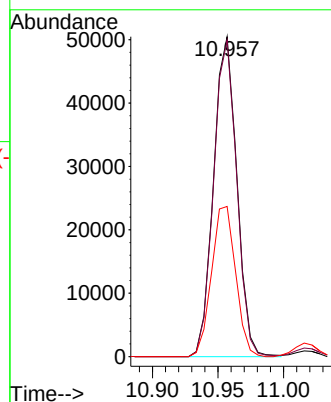
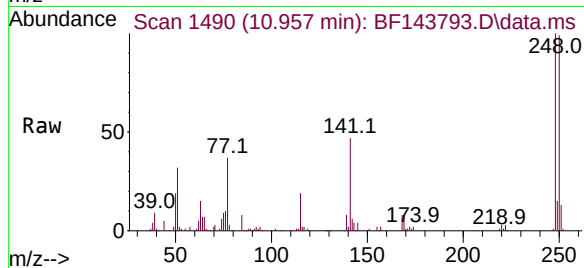




#67
4-Bromophenyl-phenylether
Concen: 9.784 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

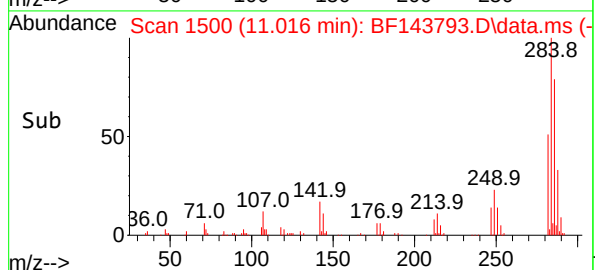
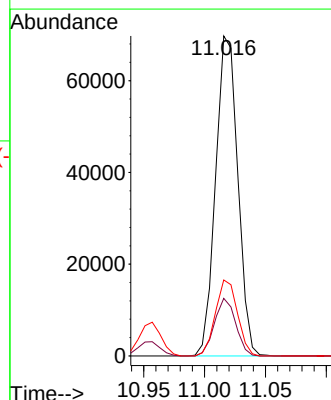
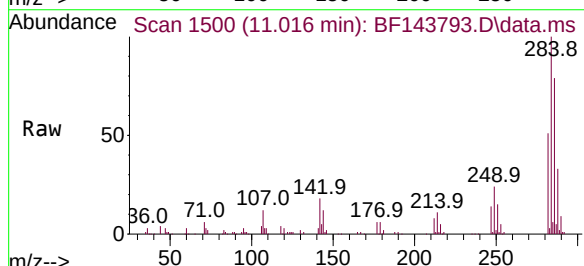
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

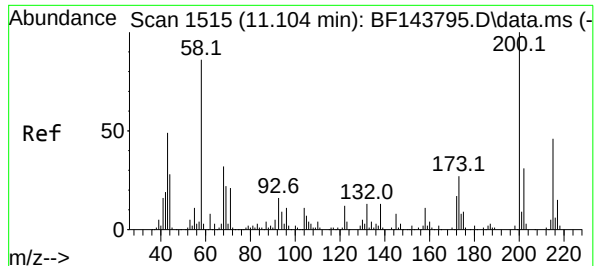
Tgt Ion:	248	Resp:	62547
Ion Ratio	Lower	Upper	
248	100		
250	98.9	78.7	118.1
141	46.9	37.9	56.9



#68
Hexachlorobenzene
Concen: 10.009 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:	284	Resp:	88177
Ion Ratio	Lower	Upper	
284	100		
142	18.0	13.1	19.7
249	23.7	19.5	29.3





#69

Atrazine

Concen: 10.010 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

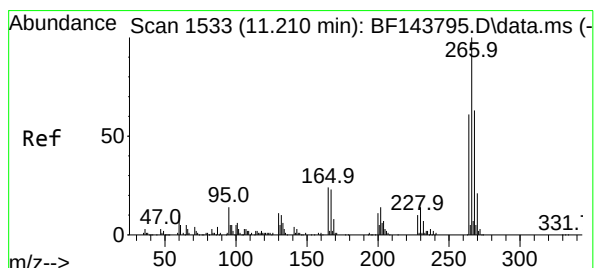
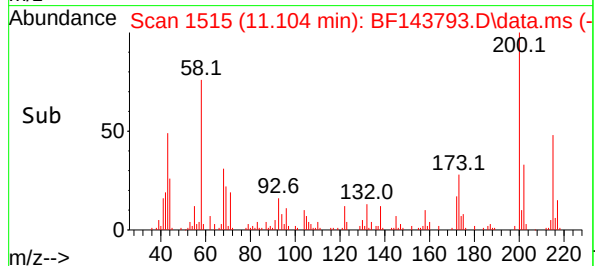
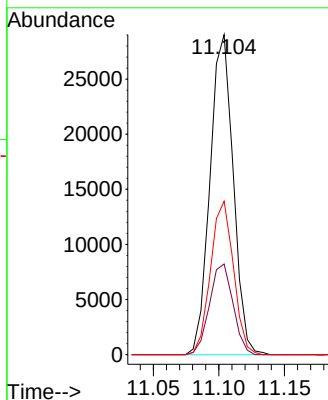
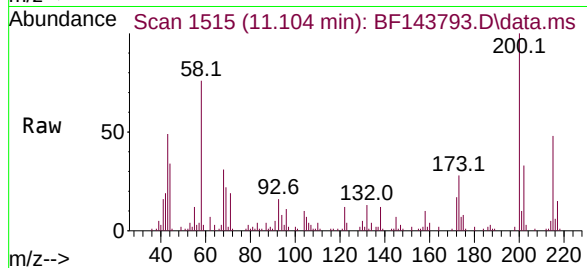
Tgt Ion:200 Resp: 35762

Ion Ratio Lower Upper

200 100

173 28.3 7.2 47.2

215 47.9 26.0 66.0



#70

Pentachlorophenol

Concen: 7.704 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

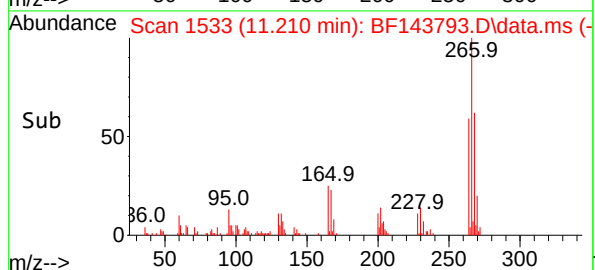
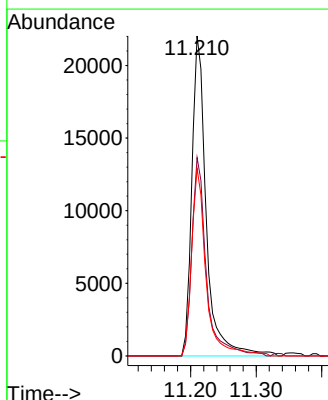
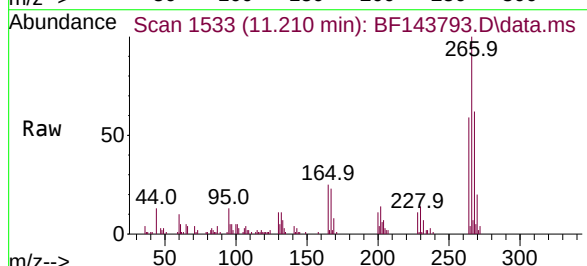
Tgt Ion:266 Resp: 33783

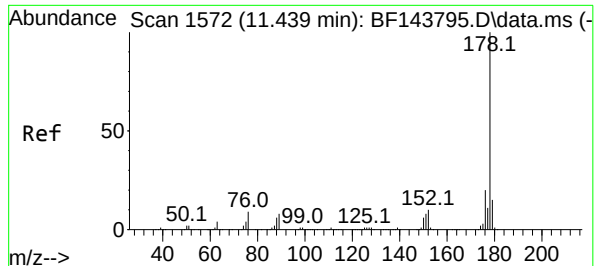
Ion Ratio Lower Upper

266 100

268 62.0 50.5 75.7

264 58.6 48.8 73.2

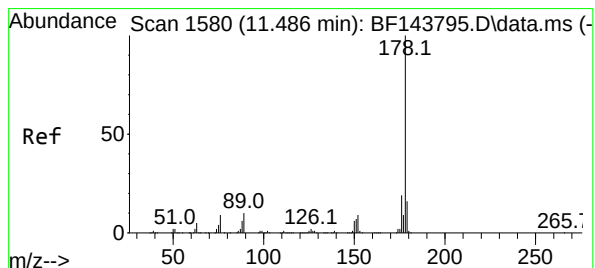
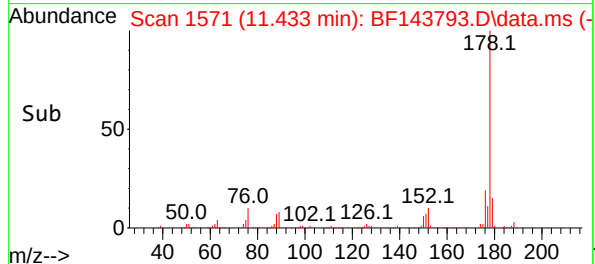
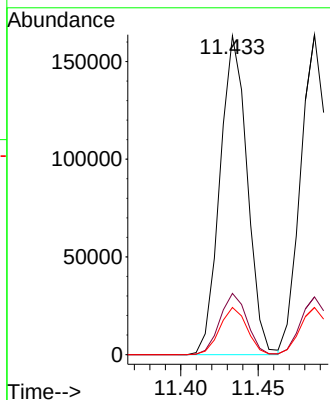
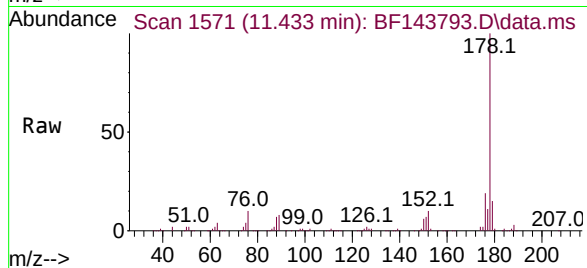




#71
Phenanthrene
Concen: 10.386 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

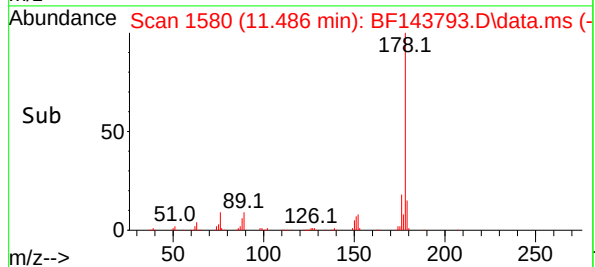
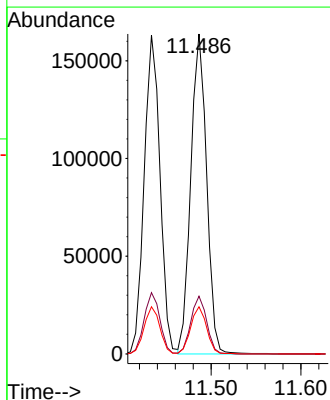
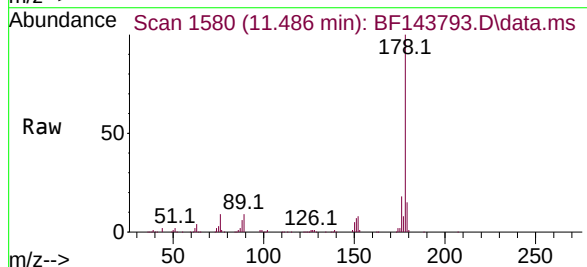
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

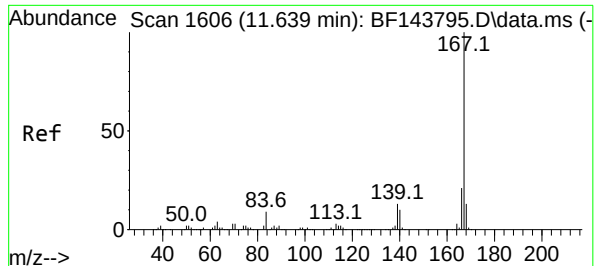
Tgt Ion:178 Resp: 200025
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 14.8 12.2 18.4



#72
Anthracene
Concen: 10.379 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:178 Resp: 200505
Ion Ratio Lower Upper
178 100
176 18.0 15.3 22.9
179 14.7 12.8 19.2

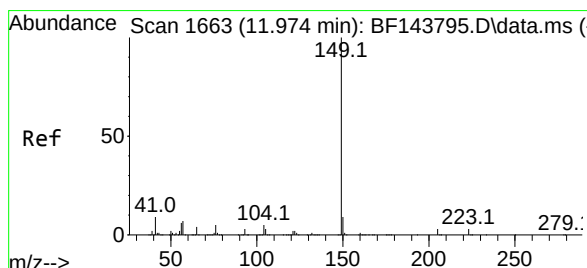
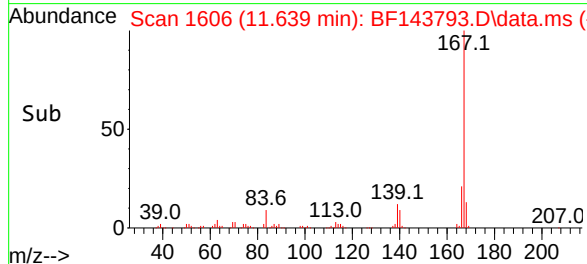
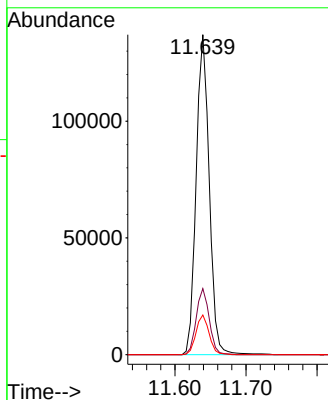
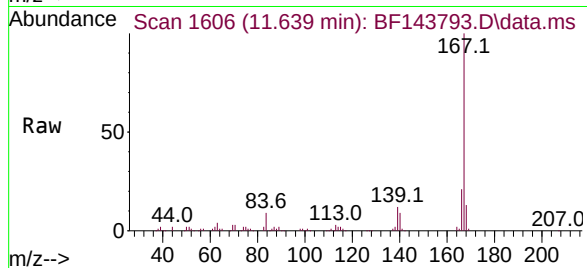




#73
Carbazole
Concen: 10.337 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

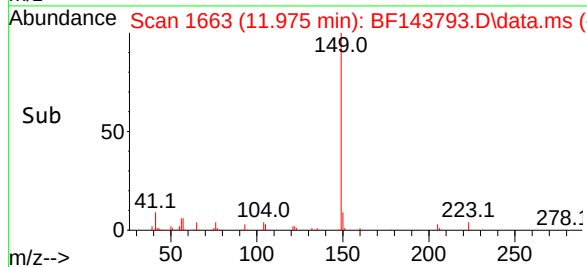
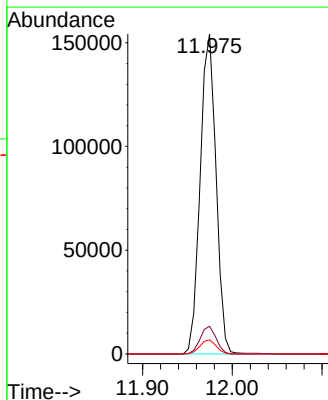
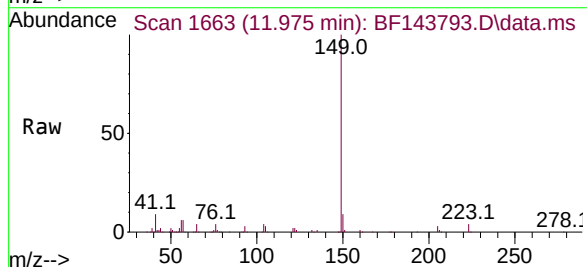
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

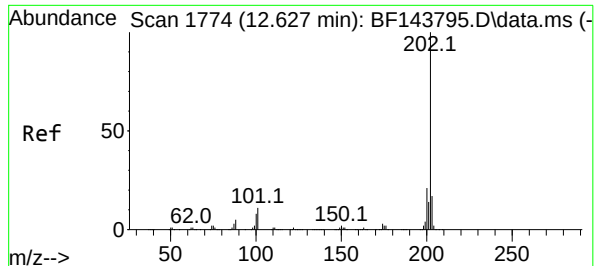
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.4
139	12.4	10.6	15.8



#74
Di-n-butylphthalate
Concen: 9.736 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.3	10.9
104	4.4	3.6	5.4

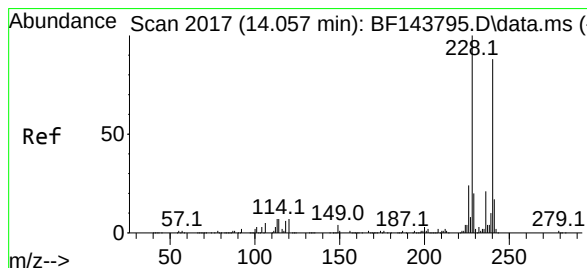
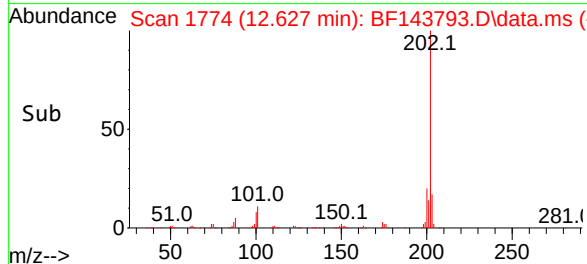
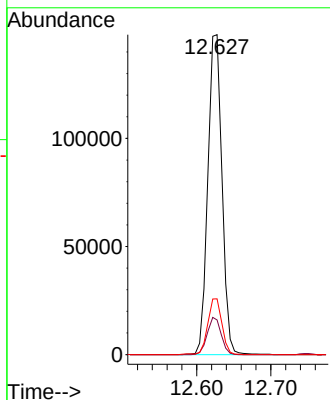
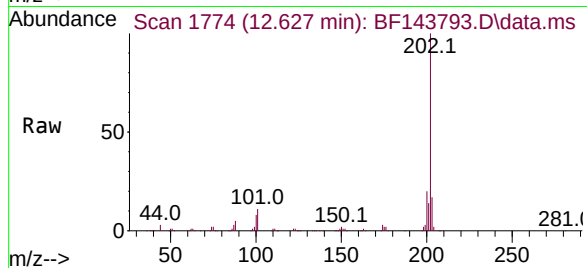




#75
Fluoranthene
Concen: 10.129 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

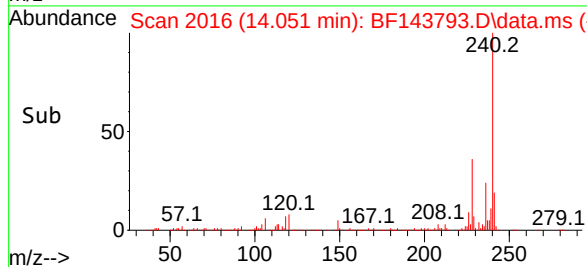
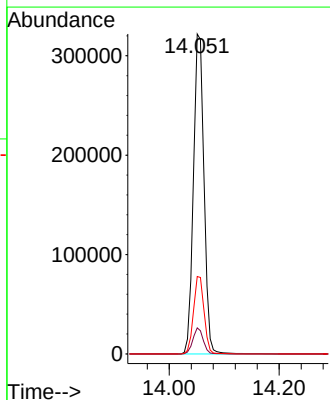
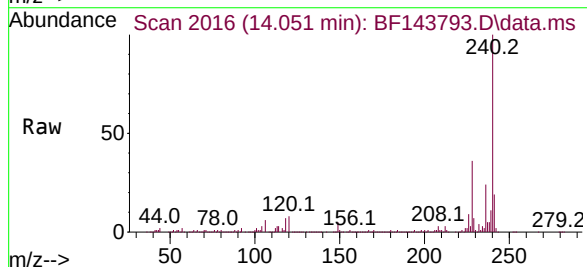
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

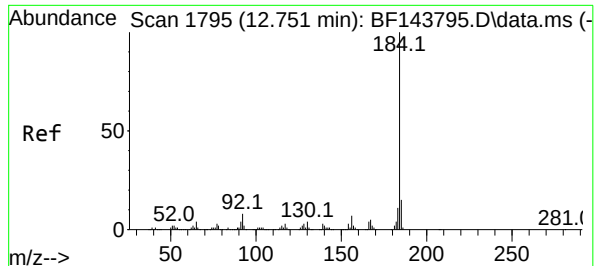
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	31.1
203	17.4	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.2	9.4
236	24.2	19.4	29.2

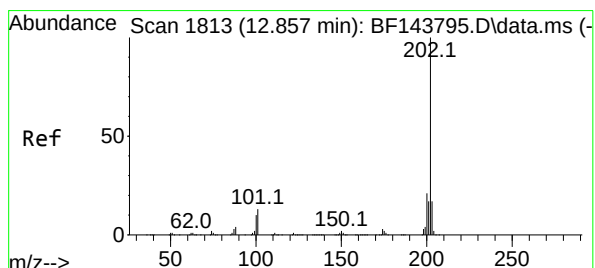
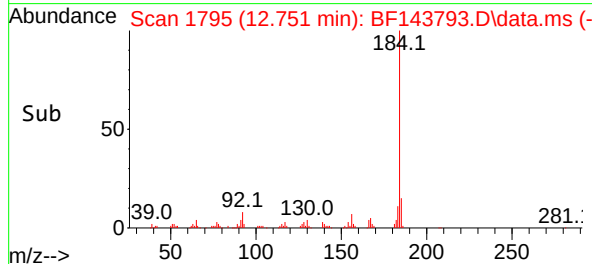
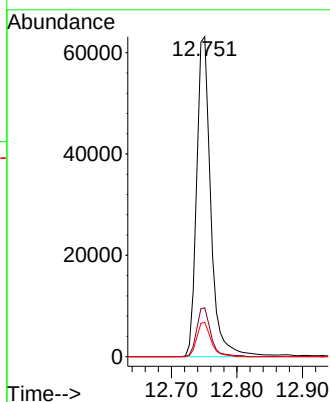
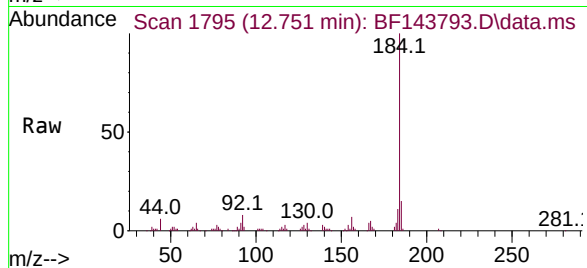




#77
Benzidine
Concen: 8.997 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

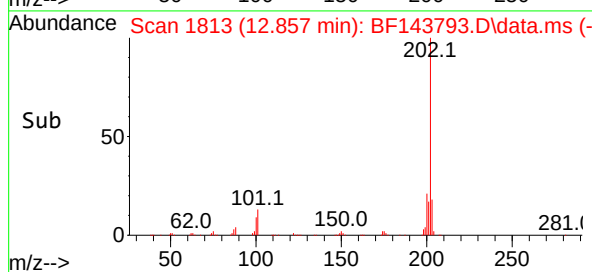
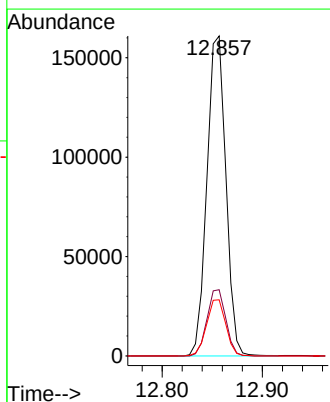
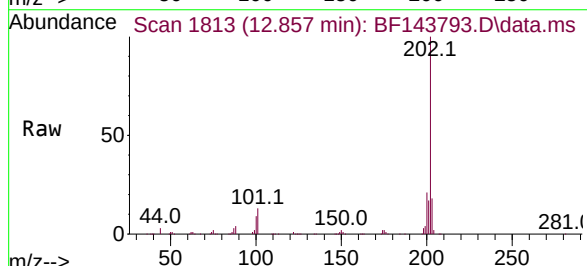
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

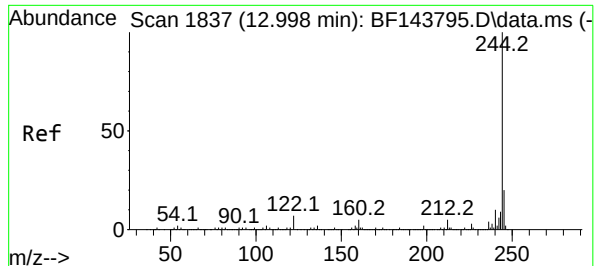
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.6	17.4
183	10.7	8.6	13.0



#78
Pyrene
Concen: 9.983 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.0	25.4
203	17.5	13.9	20.9

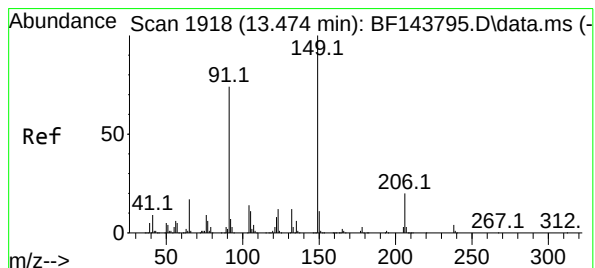
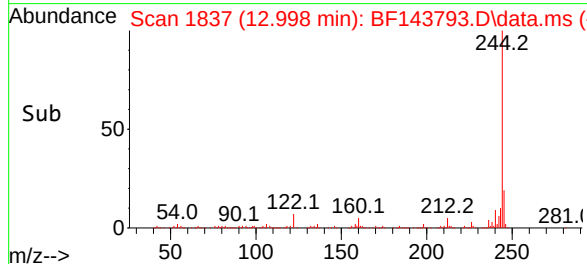
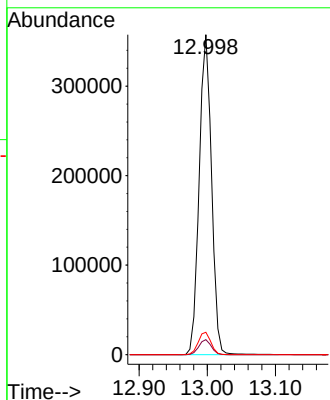
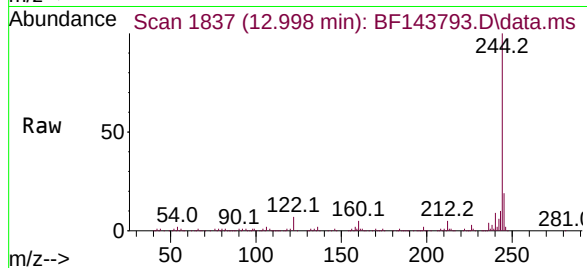




#79
Terphenyl-d14
Concen: 20.493 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

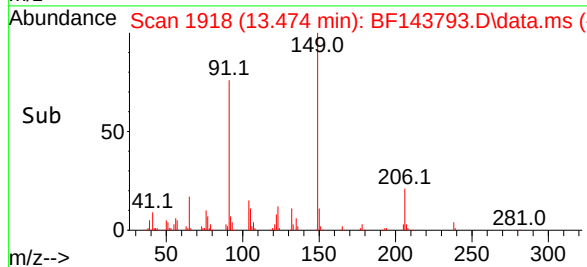
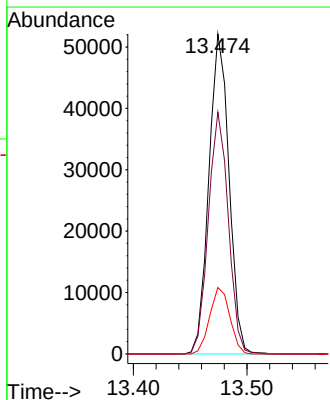
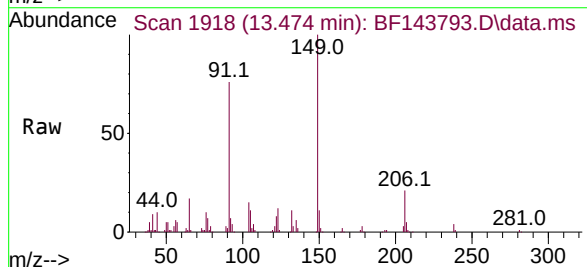
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

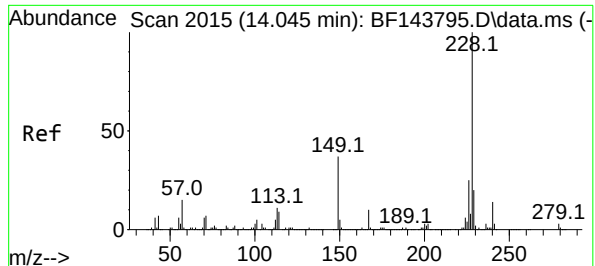
Tgt Ion:244 Resp: 449442
Ion Ratio Lower Upper
244 100
212 4.7 3.9 5.9
122 7.0 5.6 8.4



#80
Butylbenzylphthalate
Concen: 8.751 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:149 Resp: 64090
Ion Ratio Lower Upper
149 100
91 75.5 59.5 89.3
206 20.8 16.1 24.1

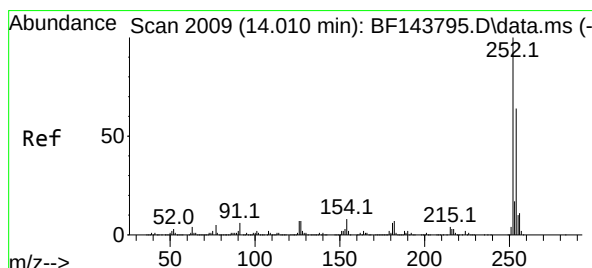
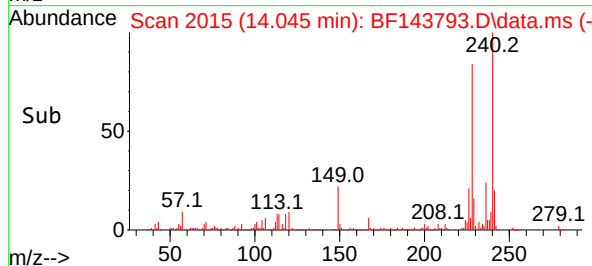
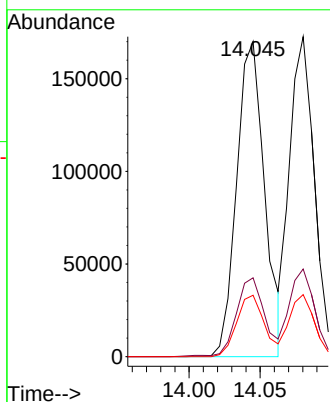
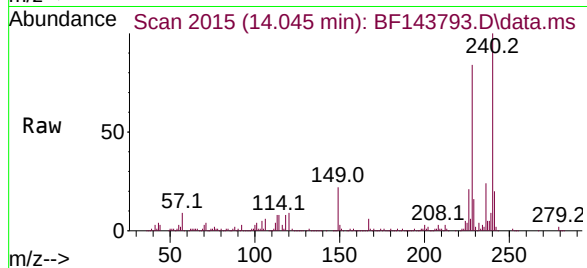




#81
Benzo(a)anthracene
Concen: 10.061 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

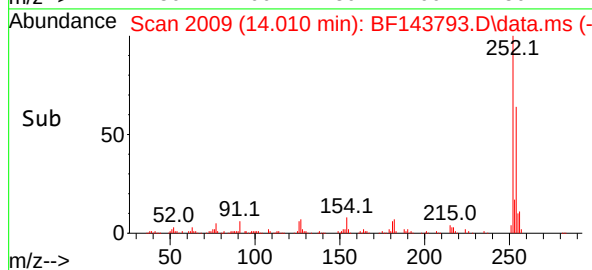
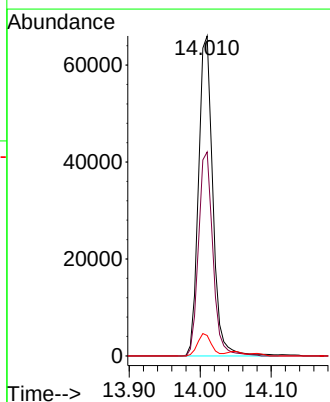
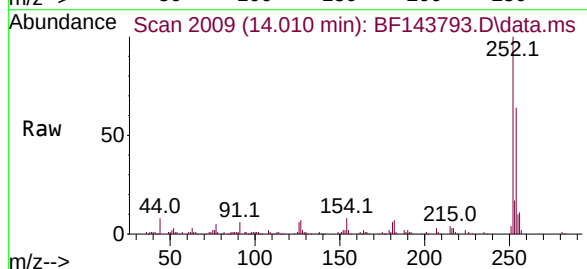
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

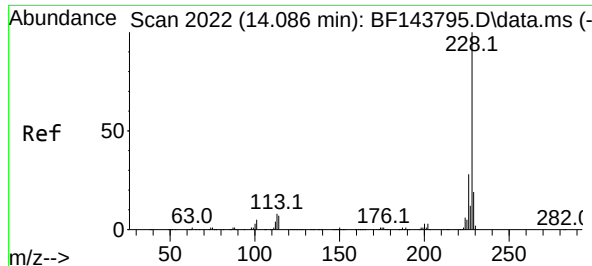
Tgt Ion:228 Resp: 232722
Ion Ratio Lower Upper
228 100
226 25.0 20.2 30.2
229 19.5 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 9.160 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:252 Resp: 91789
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 6.4 5.4 8.2





#83

Chrysene

Concen: 10.133 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

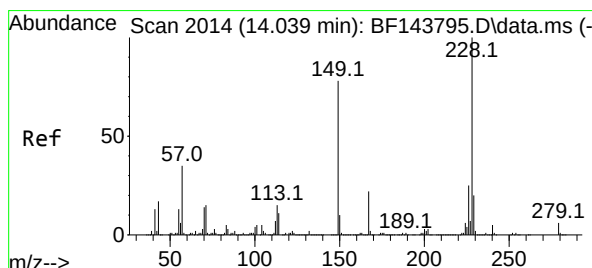
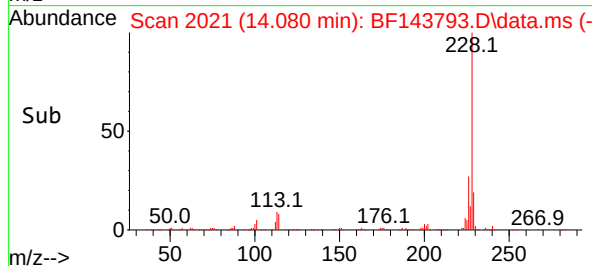
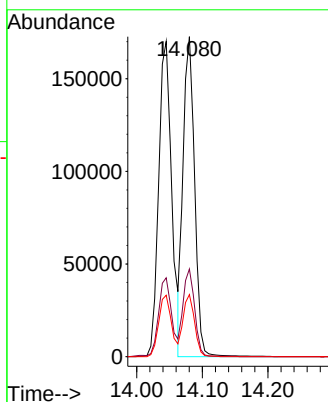
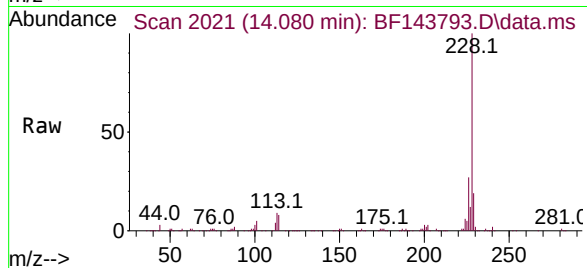
Tgt Ion:228 Resp: 212098

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.557 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

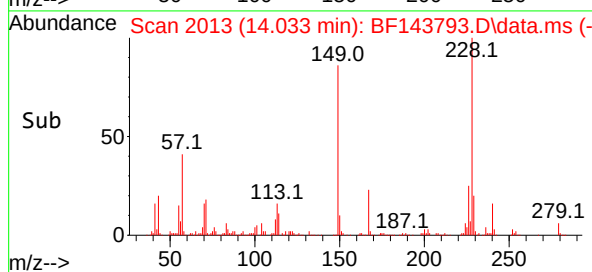
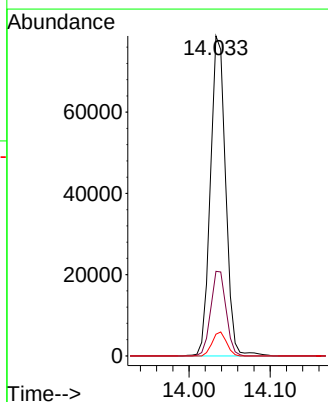
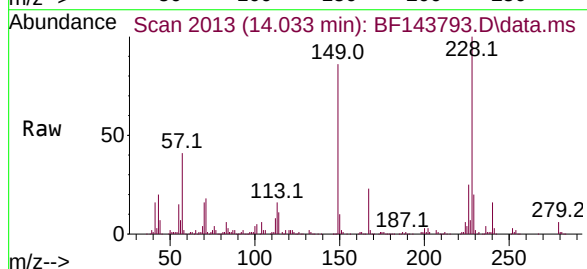
Tgt Ion:149 Resp: 102600

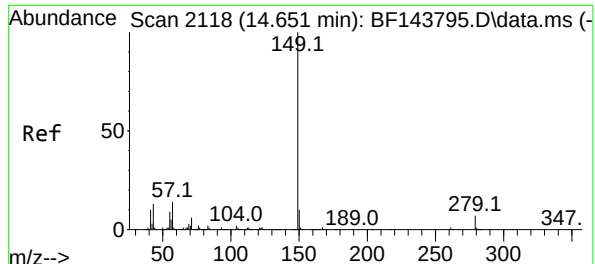
Ion Ratio Lower Upper

149 100

167 26.4 22.2 33.2

279 6.8 6.0 9.0

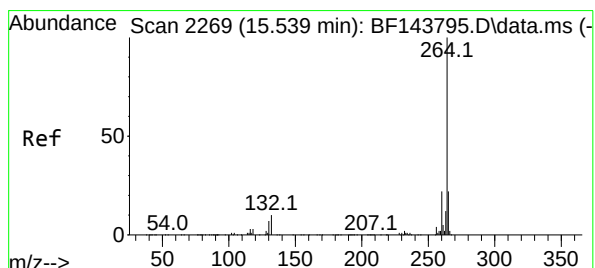
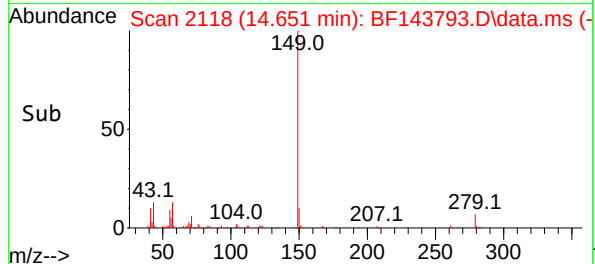
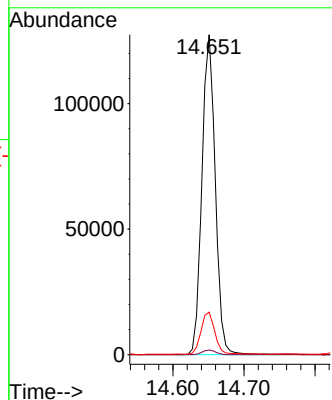
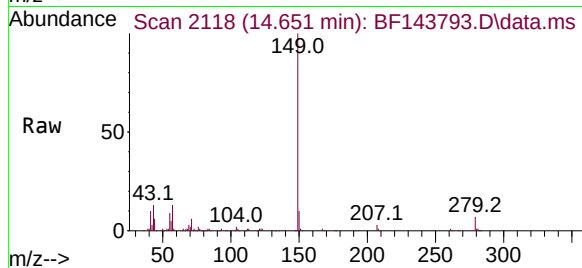




#85
Di-n-octyl phthalate
Concen: 8.482 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

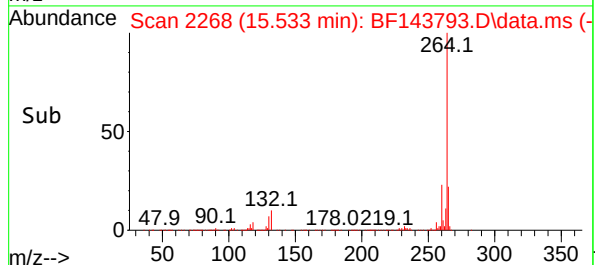
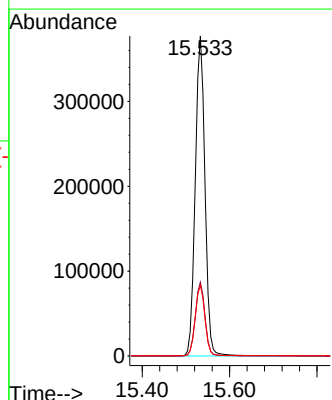
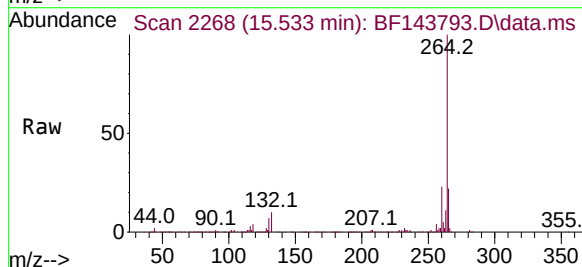
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

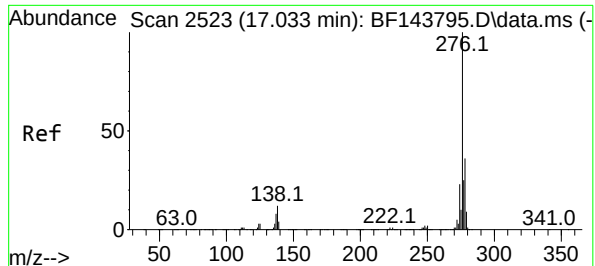
Tgt Ion:149 Resp: 165178
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.7 10.7 16.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:264 Resp: 582350
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.1 17.7 26.5

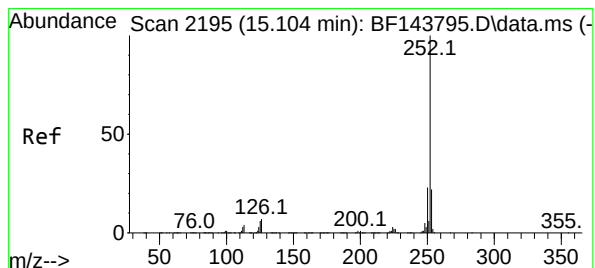
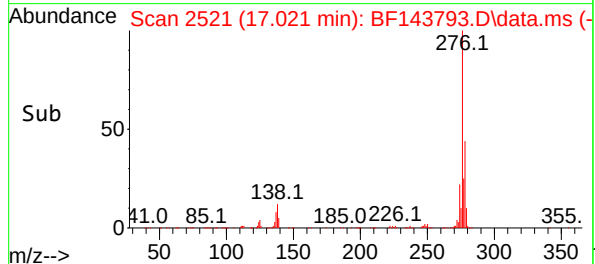
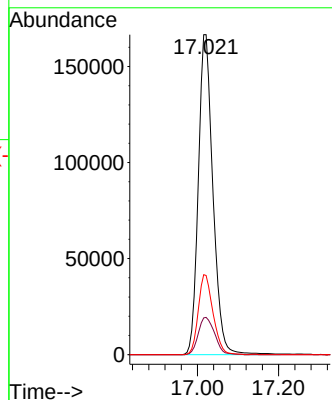
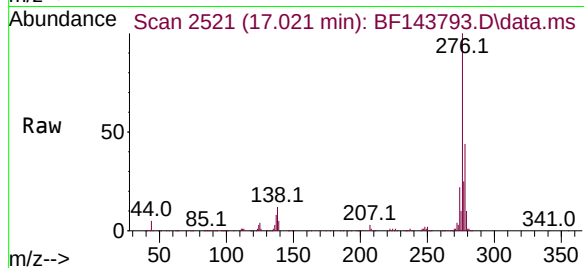




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.400 ng
RT: 17.021 min Scan# 2194
Delta R.T. -0.023 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

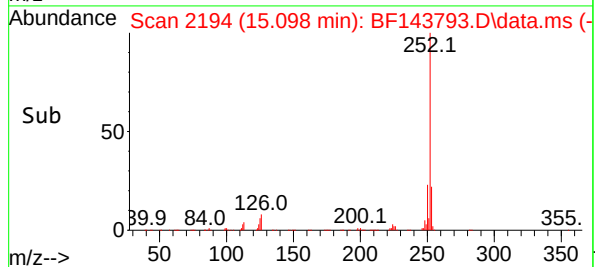
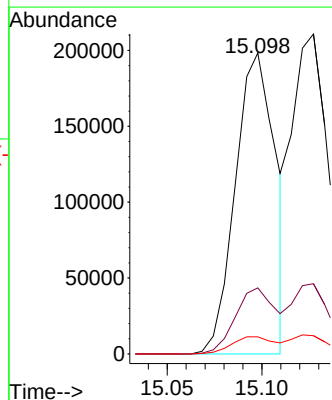
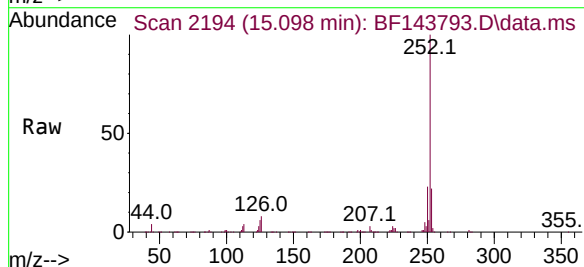
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

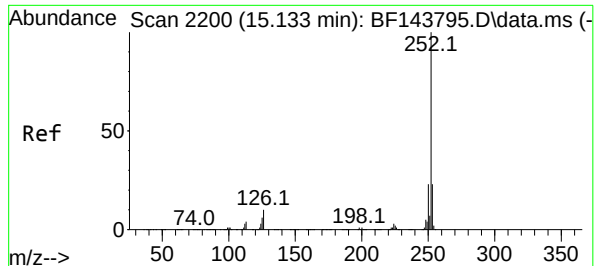
Tgt Ion:276 Resp: 415337
Ion Ratio Lower Upper
276 100
138 13.0 10.6 15.8
277 25.1 20.7 31.1



#88
Benzo(b)fluoranthene
Concen: 9.857 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143793.D
Acq: 23 Sep 2025 11:57

Tgt Ion:252 Resp: 292308
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 5.7 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 9.808 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

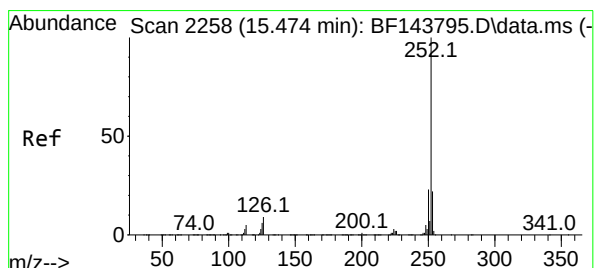
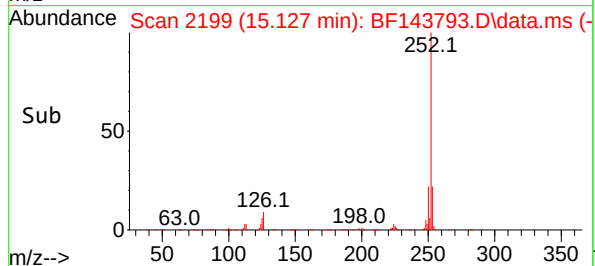
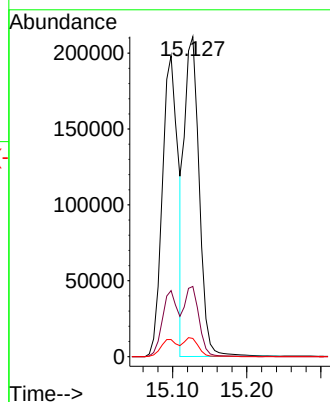
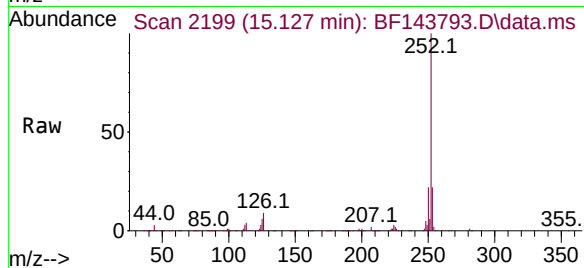
Tgt Ion:252 Resp: 292238

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 5.7 4.6 6.8



#90

Benzo(a)pyrene

Concen: 9.606 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

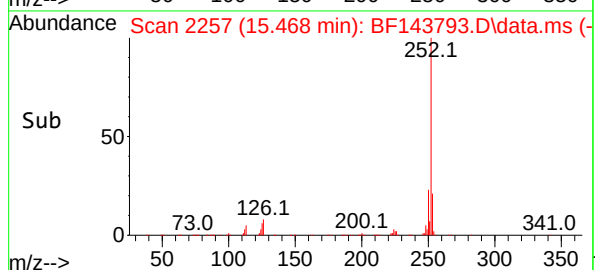
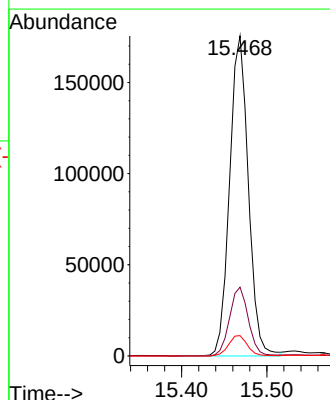
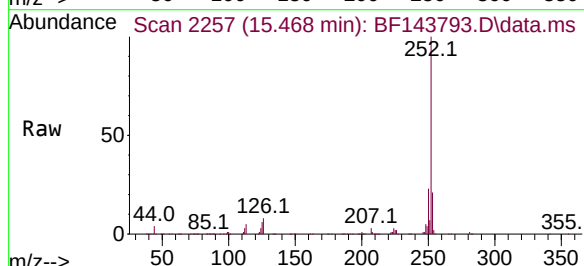
Tgt Ion:252 Resp: 267775

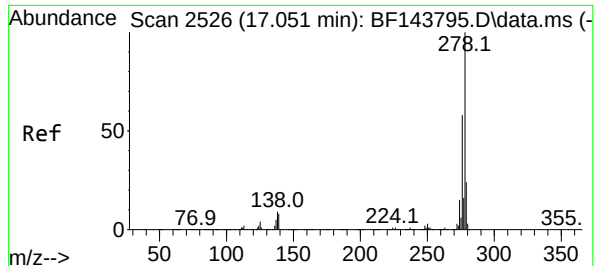
Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 6.3 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 9.564 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

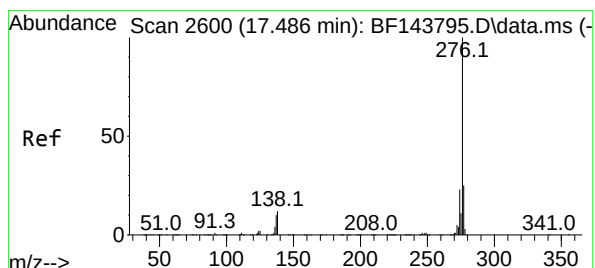
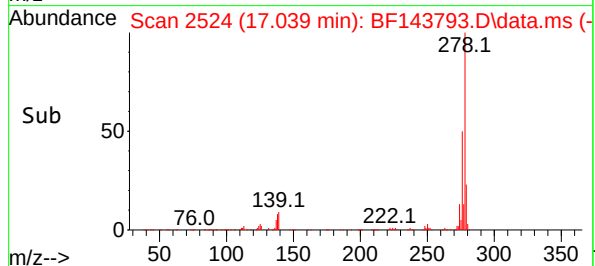
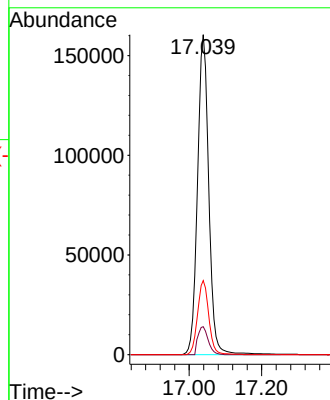
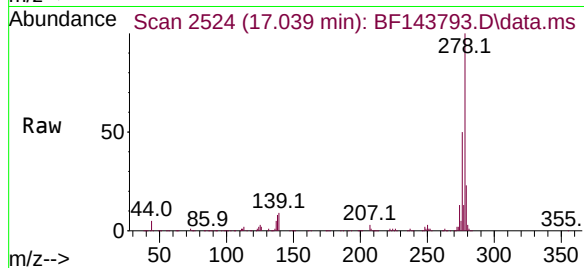
Tgt Ion:278 Resp: 345636

Ion Ratio Lower Upper

278 100

139 8.7 6.7 10.1

279 23.2 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 9.329 ng

RT: 17.468 min Scan# 2597

Delta R.T. -0.035 min

Lab File: BF143793.D

Acq: 23 Sep 2025 11:57

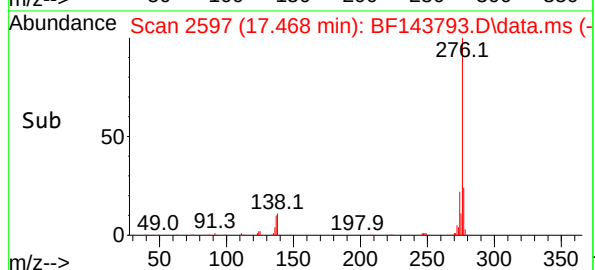
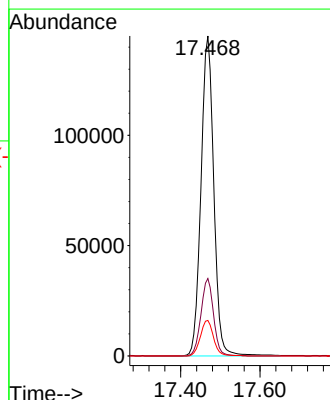
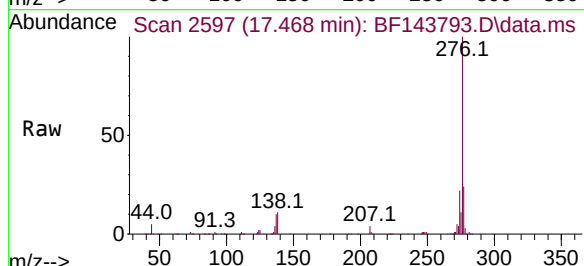
Tgt Ion:276 Resp: 324982

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 11.1 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143794.D
 Acq On : 23 Sep 2025 12:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:28 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 23 16:31:21 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	123560	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	446120	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	213356	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	331910	20.000	ng	0.00
76) Chrysene-d12	14.057	240	394143	20.000	ng	0.00
86) Perylene-d12	15.533	264	545751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	327687	42.681	ng	-0.01
7) Phenol-d6	6.498	99	377986	41.720	ng	-0.01
23) Nitrobenzene-d5	7.445	82	302138	42.621	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	138317	45.426	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	622849	43.140	ng	0.00
79) Terphenyl-d14	12.998	244	798420	39.771	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	73941	20.313	ng	99
3) Pyridine	3.399	79	200605	20.416	ng	98
4) n-Nitrosodimethylamine	3.328	42	100296	20.357	ng	98
6) Aniline	6.545	93	266602	20.904	ng	99
8) 2-Chlorophenol	6.663	128	164198	21.090	ng	98
9) Benzaldehyde	6.434	77	117654	15.290	ng	99
10) Phenol	6.510	94	214576m	21.008	ng	
11) bis(2-Chloroethyl)ether	6.616	93	166393	20.783	ng	99
12) 1,3-Dichlorobenzene	6.828	146	192258	21.268	ng	99
13) 1,4-Dichlorobenzene	6.904	146	191454	21.223	ng	100
14) 1,2-Dichlorobenzene	7.057	146	181008	21.185	ng	99
15) Benzyl Alcohol	7.016	79	132713	20.902	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	398403	20.985	ng	100
17) 2-Methylphenol	7.128	107	124617	20.674	ng	99
18) Hexachloroethane	7.398	117	67048	21.134	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	114449	20.254	ng	100
20) 3+4-Methylphenols	7.281	107	155211	21.145	ng	# 86
22) Acetophenone	7.293	105	208896	21.319	ng	97
24) Nitrobenzene	7.463	77	164815	20.402	ng	97
25) Isophorone	7.698	82	289674	20.396	ng	99
26) 2-Nitrophenol	7.781	139	55948	18.629	ng	97
27) 2,4-Dimethylphenol	7.810	122	129731	20.437	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	191947	20.802	ng	100
29) 2,4-Dichlorophenol	8.016	162	128651	20.597	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	135810	20.952	ng	99
31) Naphthalene	8.187	128	455060	21.308	ng	100
32) Benzoic acid	7.875	122	40592	13.254	ng	97
33) 4-Chloroaniline	8.234	127	157439	20.978	ng	99
34) Hexachlorobutadiene	8.310	225	99520	20.595	ng	99
35) Caprolactam	8.575	113	30948	19.385	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	121067	20.667	ng	97
37) 2-Methylnaphthalene	8.881	142	286790	21.060	ng	98
38) 1-Methylnaphthalene	8.981	142	272276	20.889	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	135689	21.074	ng	99
41) Hexachlorocyclopentadiene	9.034	237	79092	19.382	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	82341	20.423	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143794.D
 Acq On : 23 Sep 2025 12:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	89458	21.213	ng	97
46) 1,1'-Biphenyl	9.345	154	333743	21.610	ng	98
47) 2-Chloronaphthalene	9.369	162	265169	21.330	ng	99
48) 2-Nitroaniline	9.457	65	75737	20.157	ng	95
49) Acenaphthylene	9.781	152	362739	21.195	ng	99
50) Dimethylphthalate	9.634	163	267211	20.548	ng	99
51) 2,6-Dinitrotoluene	9.698	165	42291	19.794	ng	93
52) Acenaphthene	9.957	154	239533	21.268	ng	99
53) 3-Nitroaniline	9.869	138	52183	20.150	ng	96
54) 2,4-Dinitrophenol	9.969	184	8519	16.759	ng	# 1
55) Dibenzofuran	10.128	168	339308	21.305	ng	99
56) 4-Nitrophenol	10.016	139	36150	17.322	ng	98
57) 2,4-Dinitrotoluene	10.098	165	54137	18.952	ng	93
58) Fluorene	10.469	166	253897	21.445	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	74485	20.618	ng	# 98
60) Diethylphthalate	10.339	149	250459	20.575	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	128143	21.242	ng	99
62) 4-Nitroaniline	10.475	138	48558	19.941	ng	98
63) Azobenzene	10.622	77	265823	20.720	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	15499	17.632	ng	94
66) n-Nitrosodiphenylamine	10.581	169	228456	20.930	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	115749	20.464	ng	99
68) Hexachlorobenzene	11.022	284	162113	20.797	ng	98
69) Atrazine	11.104	200	65580	20.747	ng	98
70) Pentachlorophenol	11.210	266	71585	18.449	ng	99
71) Phenanthrene	11.433	178	355364	20.854	ng	100
72) Anthracene	11.486	178	361245	21.135	ng	99
73) Carbazole	11.639	167	314908	21.072	ng	99
74) Di-n-butylphthalate	11.975	149	356883	20.764	ng	99
75) Fluoranthene	12.627	202	364772	21.284	ng	99
77) Benzidine	12.745	184	174994	18.220	ng	100
78) Pyrene	12.857	202	390517	20.153	ng	99
80) Butylbenzylphthalate	13.474	149	131846	19.666	ng	99
81) Benzo(a)anthracene	14.045	228	426715	20.153	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	183227	19.974	ng	100
83) Chrysene	14.080	228	392431	20.482	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	202632	20.620	ng	99
85) Di-n-octyl phthalate	14.651	149	345757	19.397	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	862284	20.824	ng	100
88) Benzo(b)fluoranthene	15.098	252	561825	20.215	ng	99
89) Benzo(k)fluoranthene	15.127	252	589201	21.102	ng	99
90) Benzo(a)pyrene	15.468	252	539579	20.654	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	710542	20.980	ng	99
92) Benzo(g,h,i)perylene	17.474	276	673228	20.621	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143794.D
 Acq On : 23 Sep 2025 12:27
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025

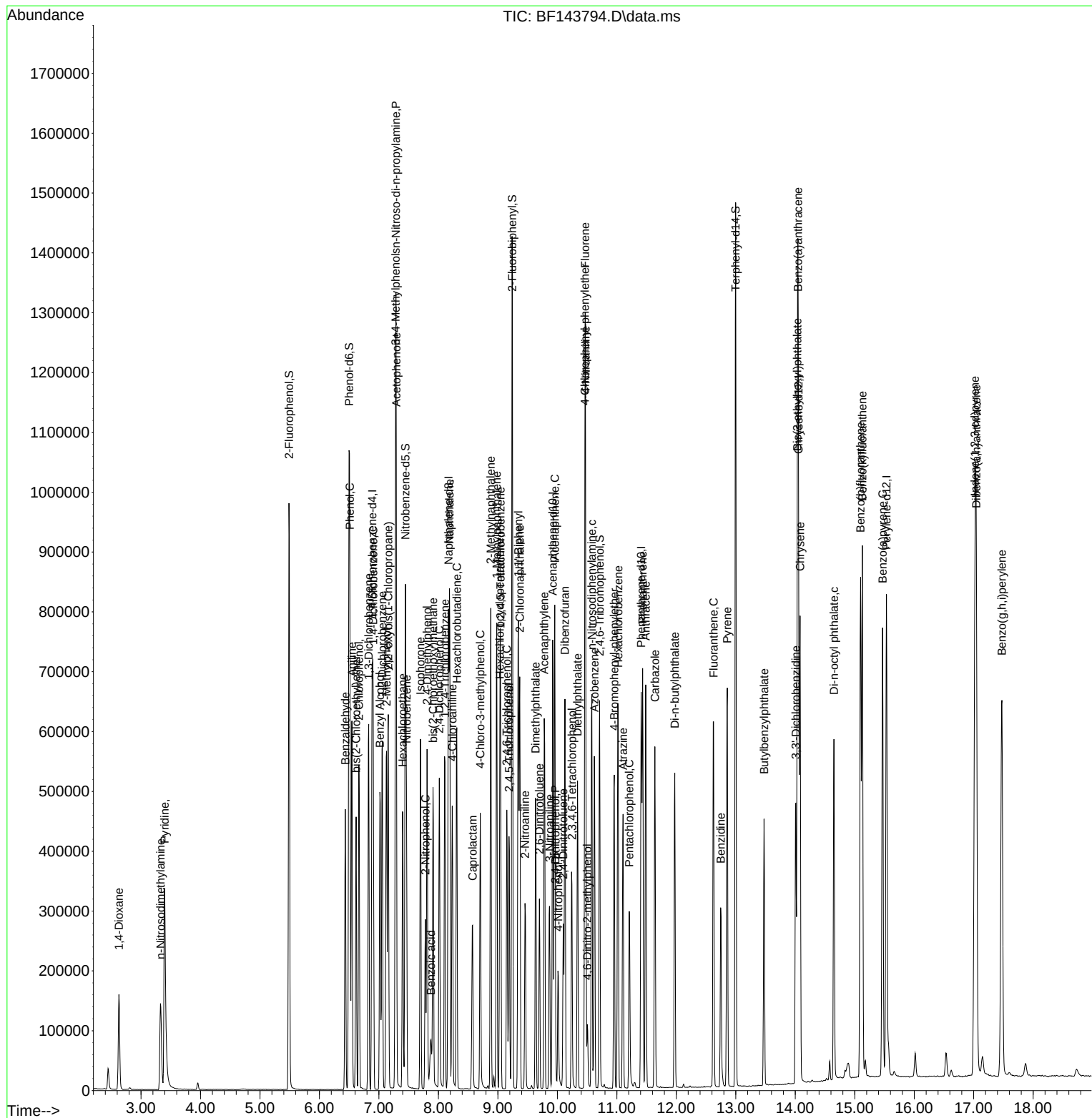
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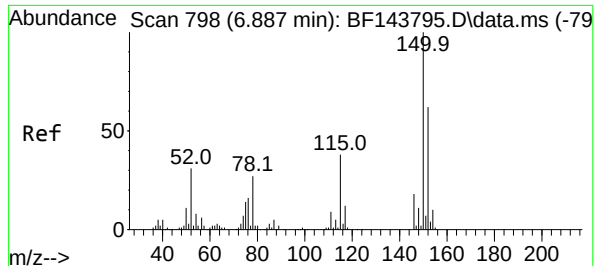
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 23 16:31:21 2025

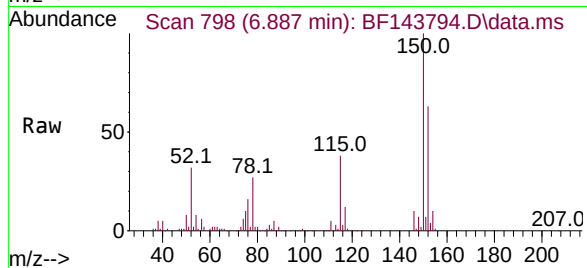
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

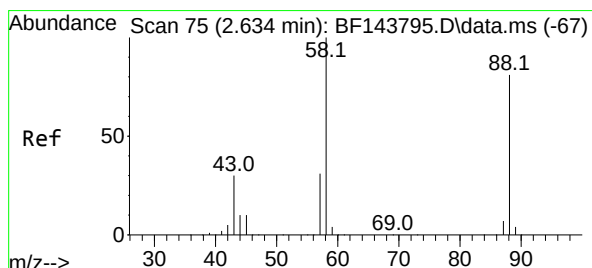
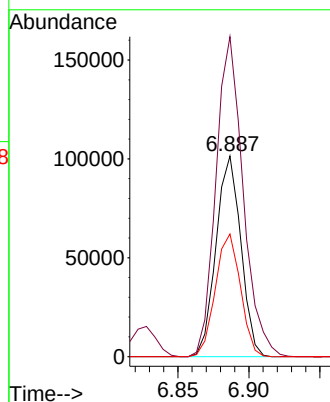
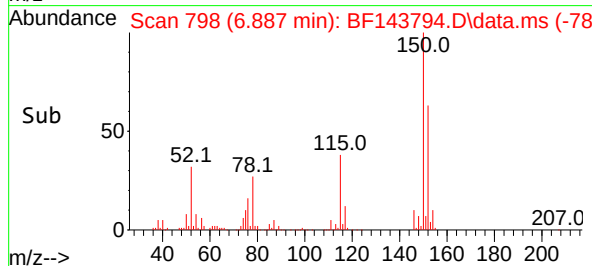
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:152 Resp: 123560
Ion Ratio Lower Upper
152 100
150 159.6 129.6 194.4
115 61.2 49.0 73.4

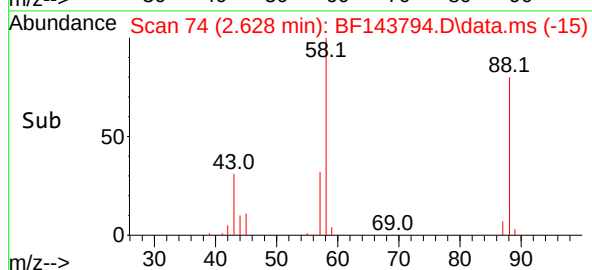
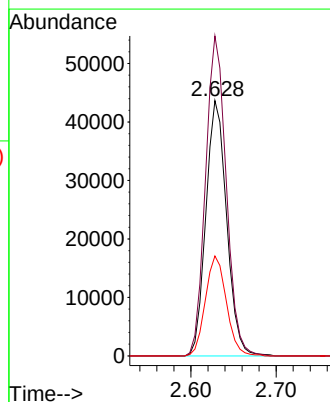
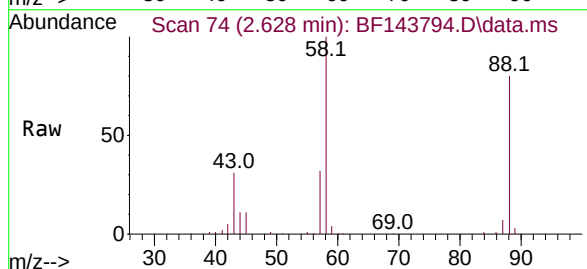
Manual Integrations
APPROVED

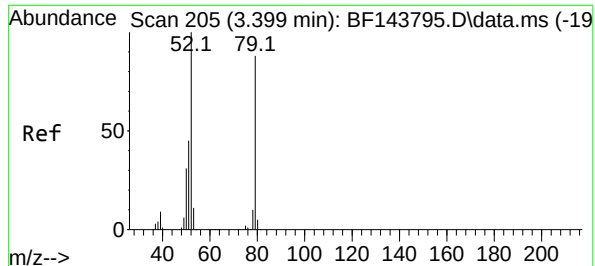
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 20.313 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 88 Resp: 73941
Ion Ratio Lower Upper
88 100
58 124.8 99.4 149.2
43 39.5 30.6 45.8





#3

Pyridine

Concen: 20.416 ng

RT: 3.399 min Scan# 205

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 200605

Ion Ratio Lower Upper

79 100

52 110.6 90.5 135.7

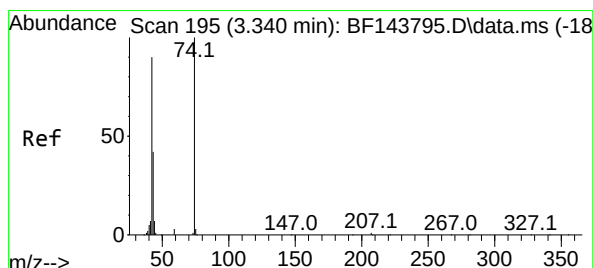
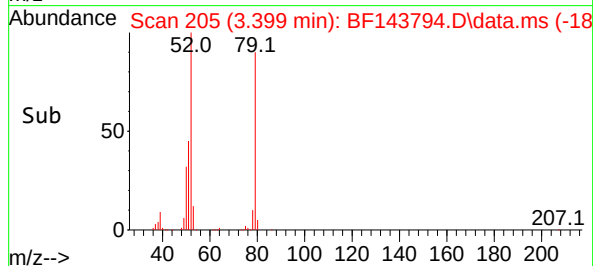
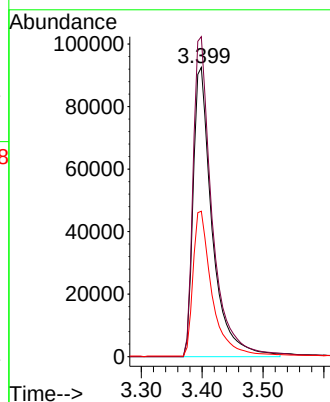
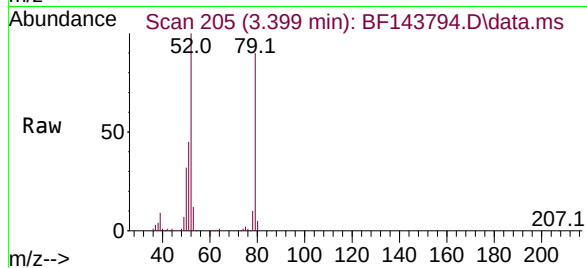
51 50.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#4

n-Nitrosodimethylamine

Concen: 20.357 ng

RT: 3.328 min Scan# 193

Delta R.T. -0.029 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

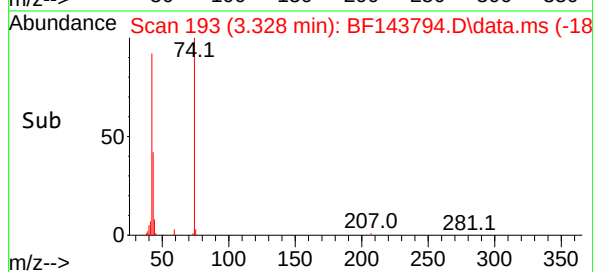
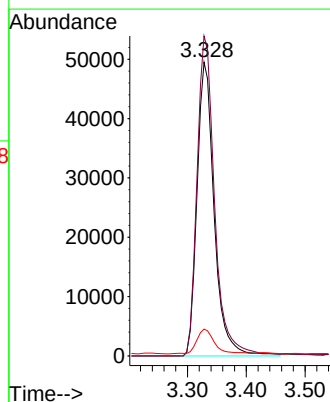
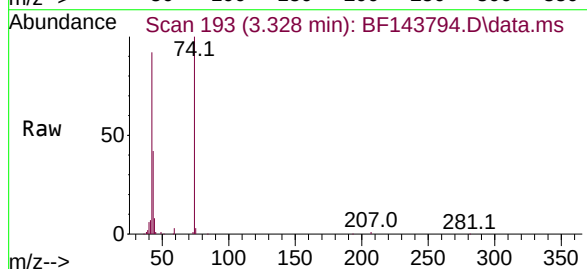
Tgt Ion: 42 Resp: 100296

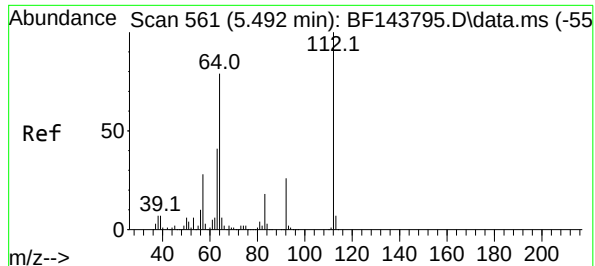
Ion Ratio Lower Upper

42 100

74 108.9 89.1 133.7

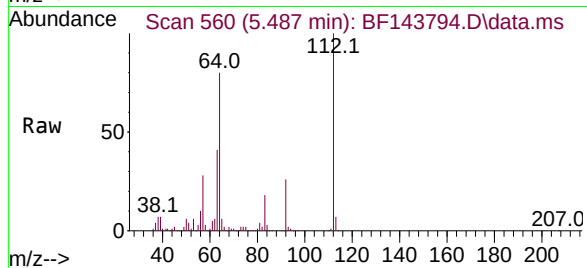
44 9.1 6.4 9.6





#5
2-Fluorophenol
Concen: 42.681 ng
RT: 5.487 min Scan# 561
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

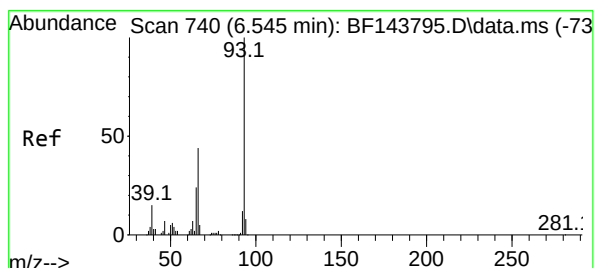
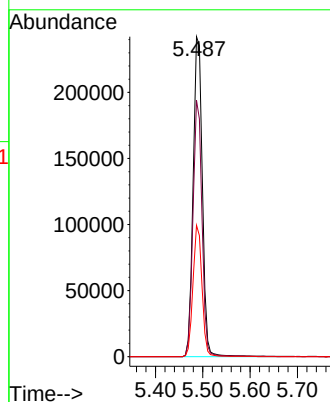
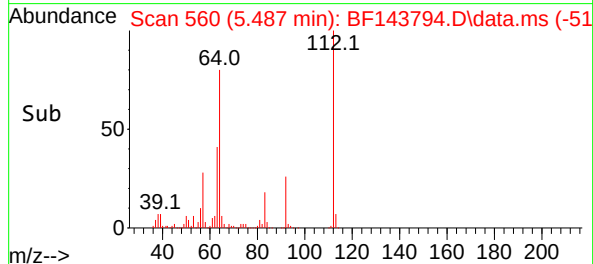
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:112 Resp: 32768
Ion Ratio Lower Upper
112 100
64 80.1 63.0 94.4
63 41.0 32.6 49.0

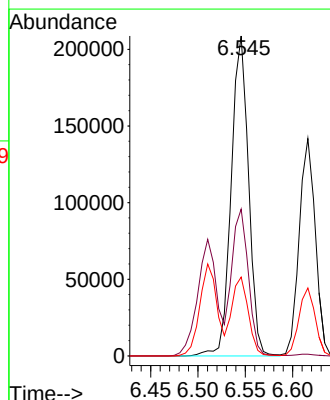
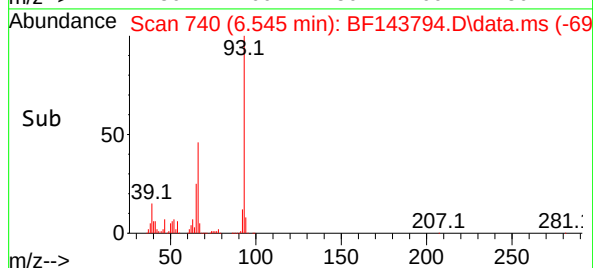
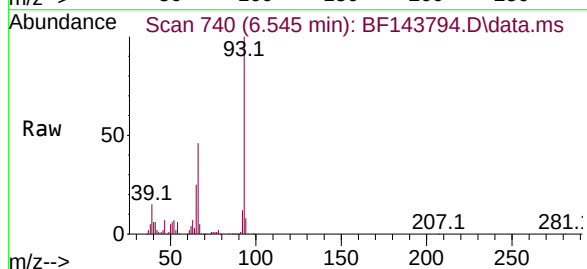
Manual Integrations
APPROVED

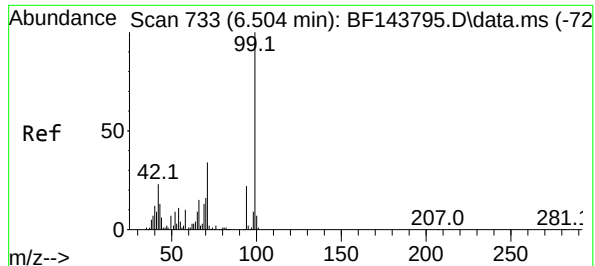
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 20.904 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 93 Resp: 266602
Ion Ratio Lower Upper
93 100
66 45.9 37.1 55.7
65 24.6 19.4 29.0





#7

Phenol-d6

Concen: 41.720 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 99 Resp: 377986

Ion Ratio Lower Upper

99 100

42 23.4 18.6 28.0

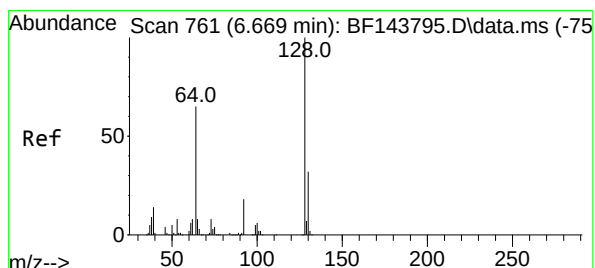
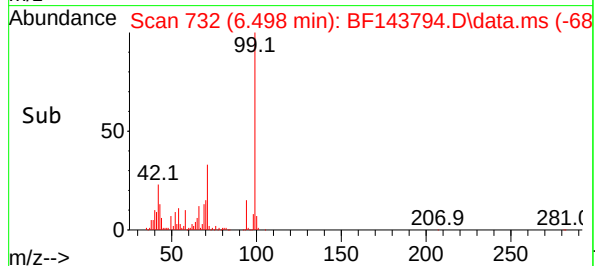
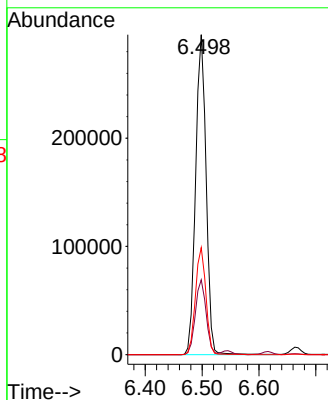
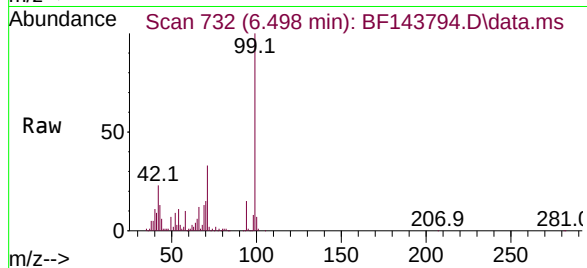
71 33.4 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#8

2-Chlorophenol

Concen: 21.090 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

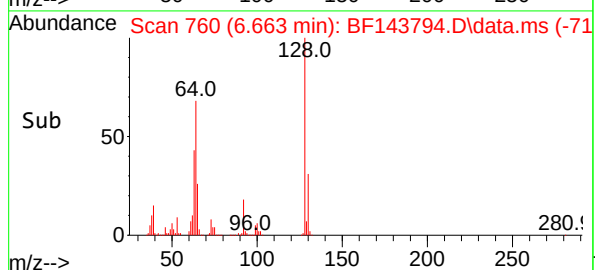
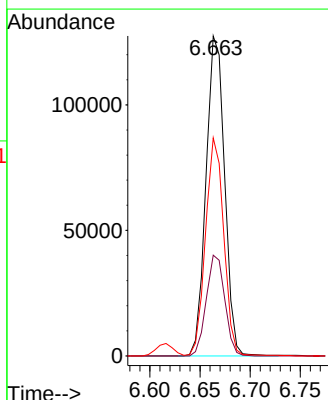
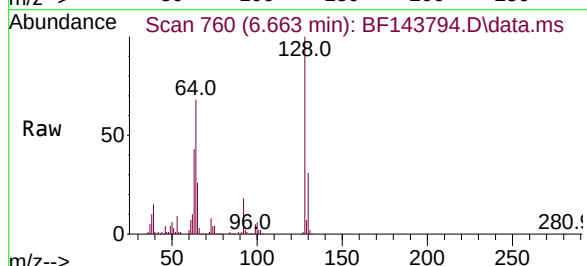
Tgt Ion:128 Resp: 164198

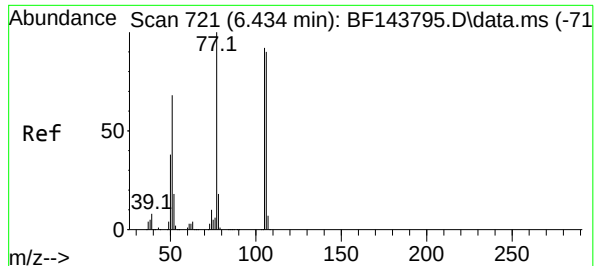
Ion Ratio Lower Upper

128 100

130 31.5 12.2 52.2

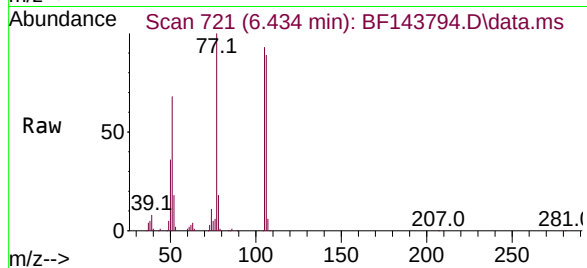
64 68.1 46.5 86.5





#9
Benzaldehyde
Concen: 15.290 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

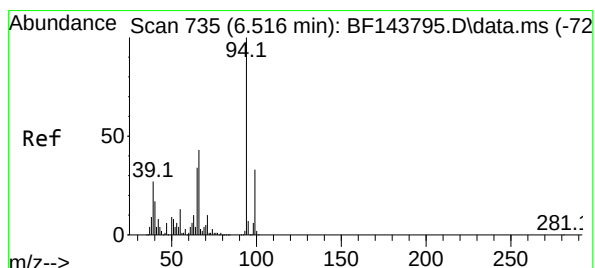
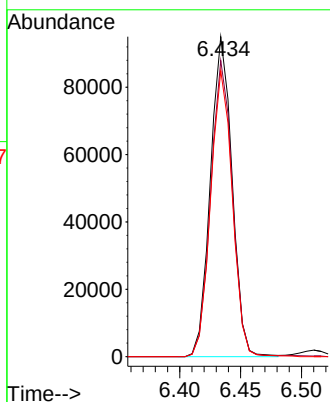
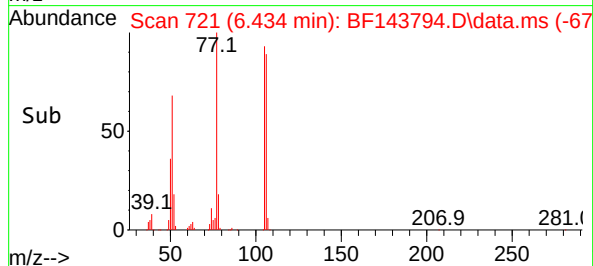
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 117654
Ion Ratio Lower Upper
77 100
105 92.5 71.8 111.8
106 89.3 69.8 109.8

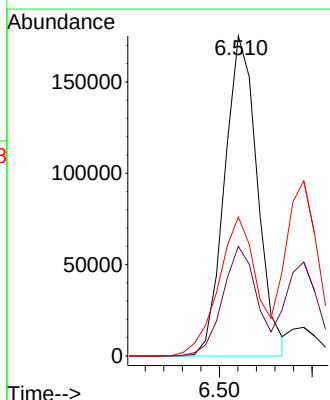
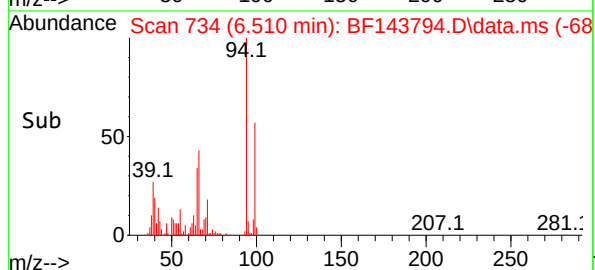
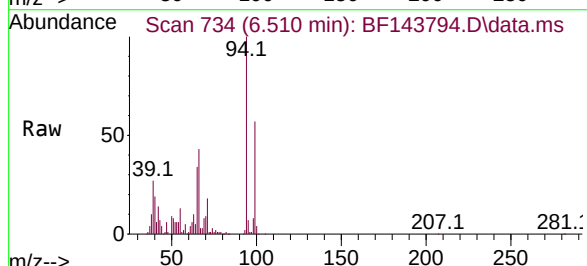
Manual Integrations
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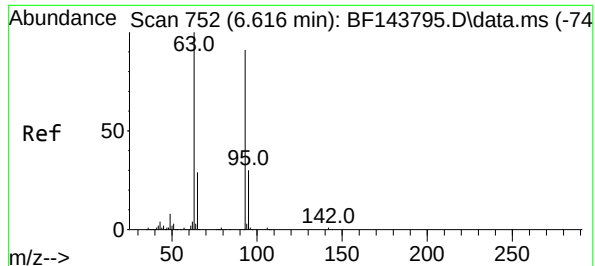
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#10
Phenol
Concen: 21.008 ng m
RT: 6.510 min Scan# 734
Delta R.T. -0.018 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 94 Resp: 214576
Ion Ratio Lower Upper
94 100
65 34.2 14.2 54.2
66 43.4 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 20.783 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 166393

Ion Ratio Lower Upper

93 100

63 108.0 89.2 129.2

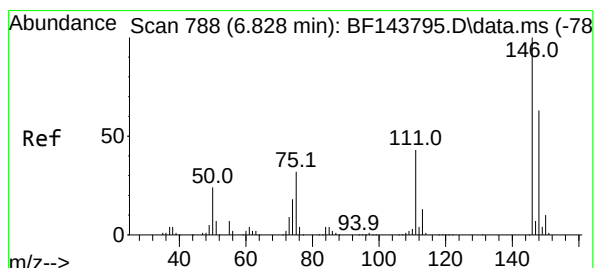
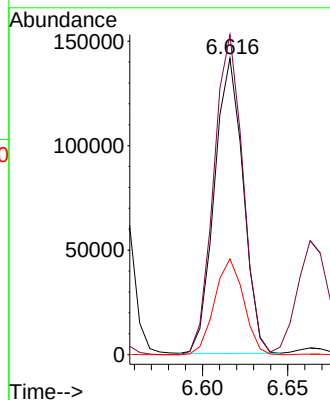
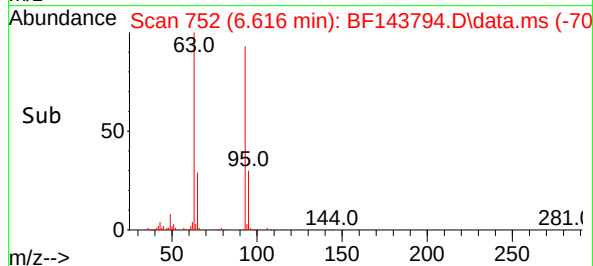
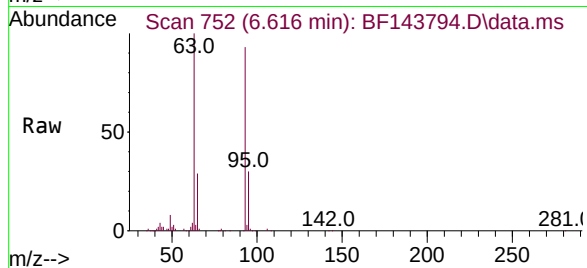
95 32.3 12.9 52.9

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#12

1,3-Dichlorobenzene

Concen: 21.268 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

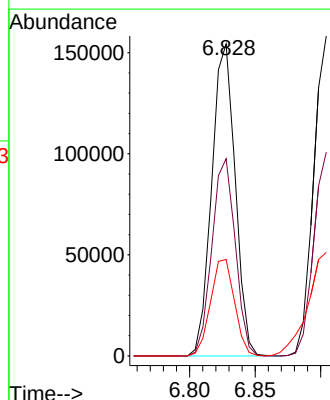
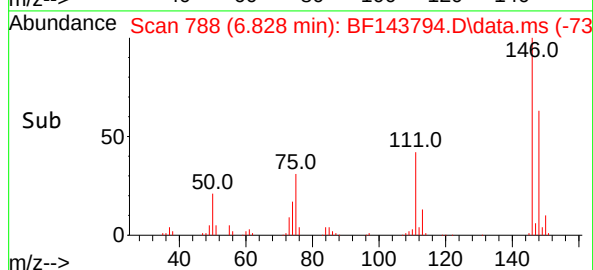
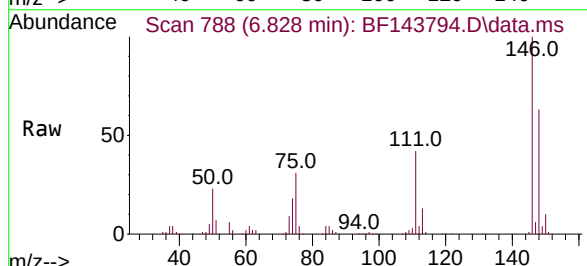
Tgt Ion:146 Resp: 192258

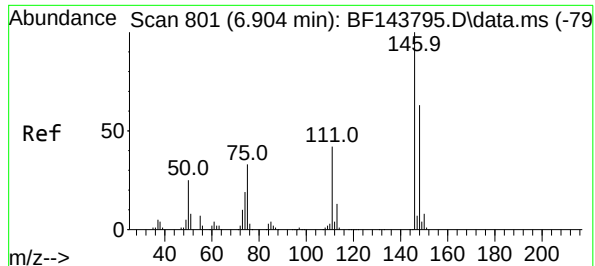
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

75 30.9 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 21.223 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 191454

Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

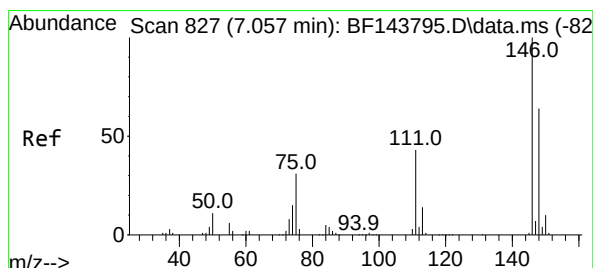
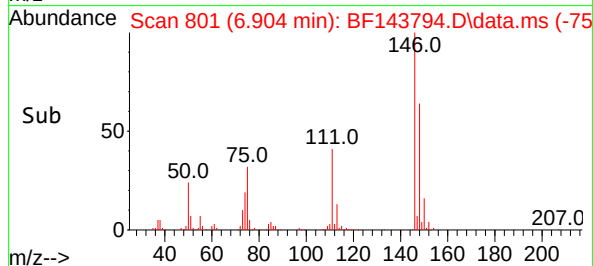
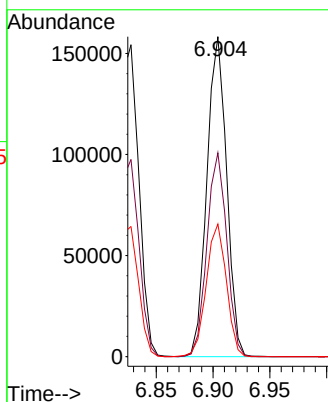
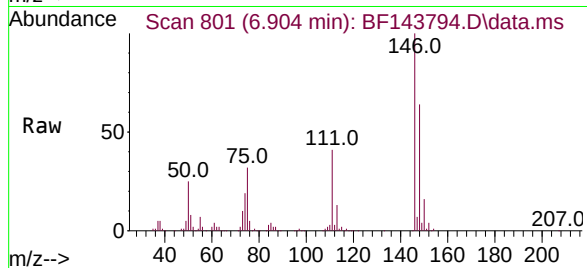
111 41.4 33.4 50.2

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 21.185 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

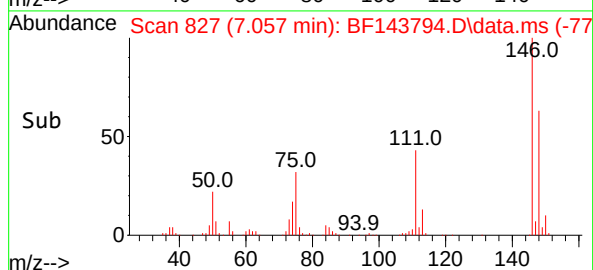
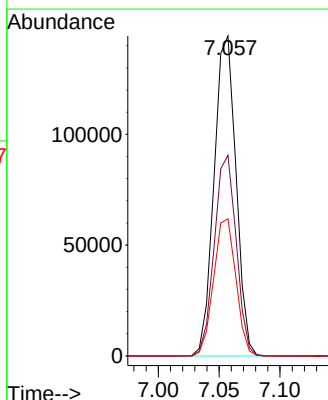
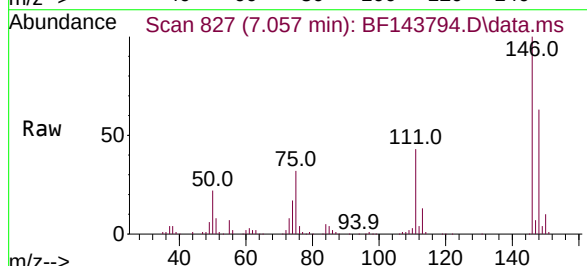
Tgt Ion:146 Resp: 181008

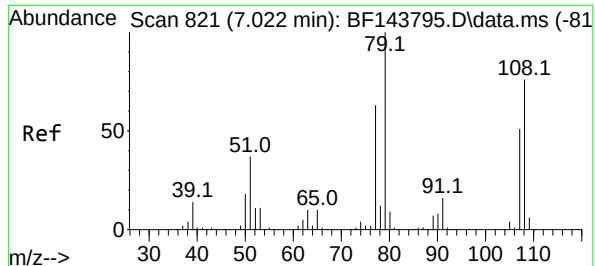
Ion Ratio Lower Upper

146 100

148 62.7 51.1 76.7

111 42.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 20.902 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 132713

Ion Ratio Lower Upper

79 100

108 74.3 60.5 90.7

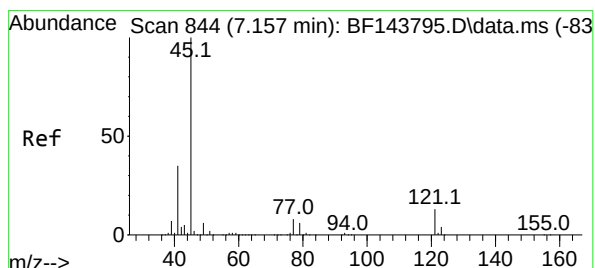
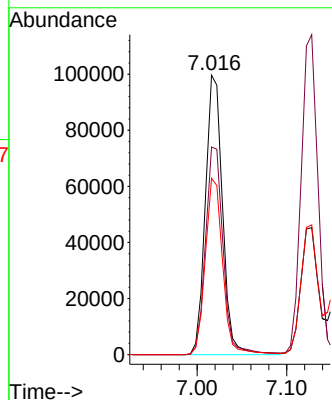
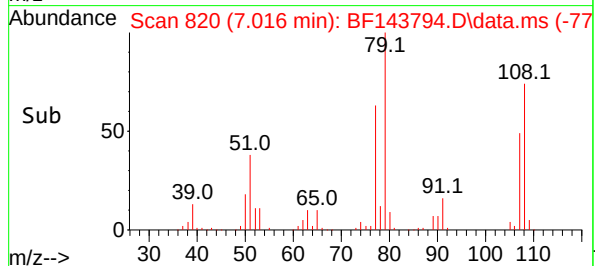
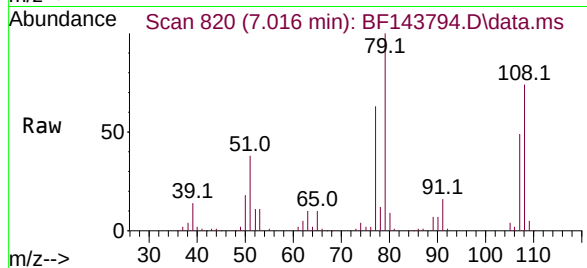
77 63.1 50.3 75.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.985 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

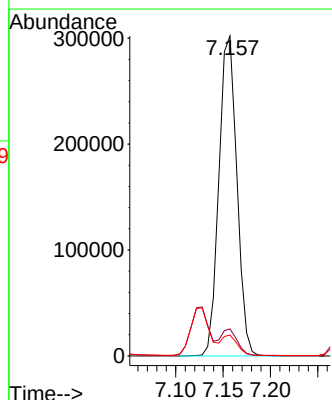
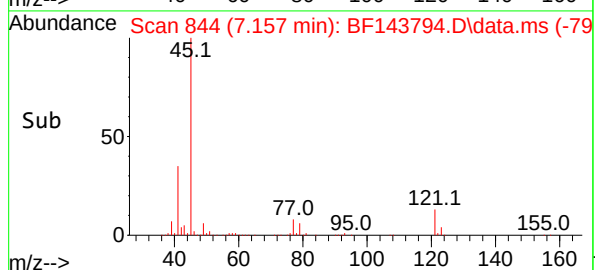
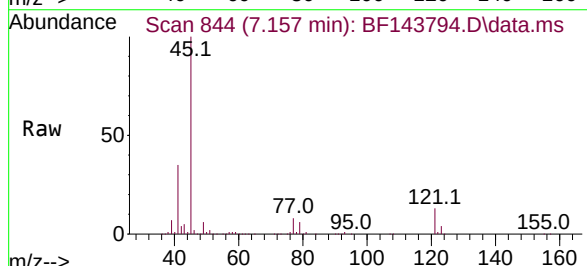
Tgt Ion: 45 Resp: 398403

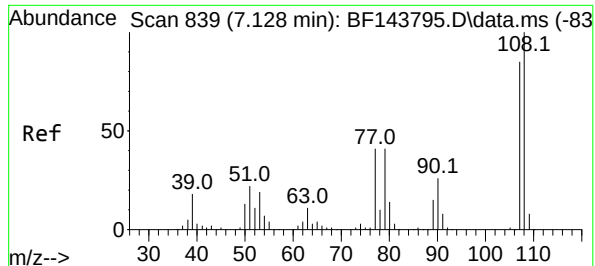
Ion Ratio Lower Upper

45 100

77 8.4 0.0 28.5

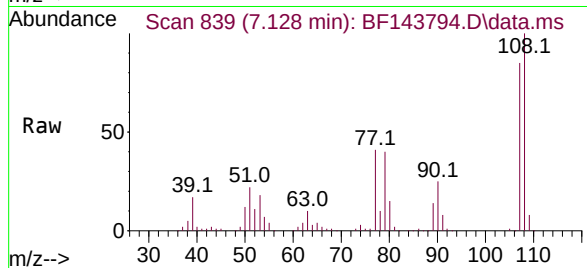
79 6.5 0.0 26.3





#17
2-Methylphenol
Concen: 20.674 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

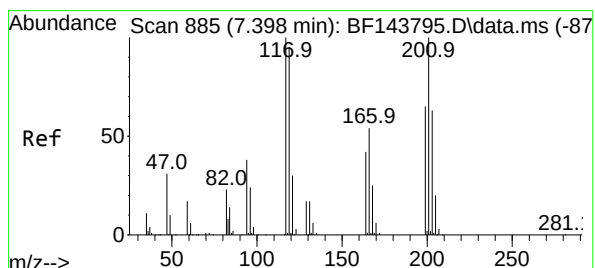
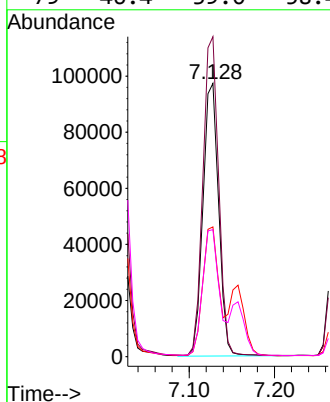
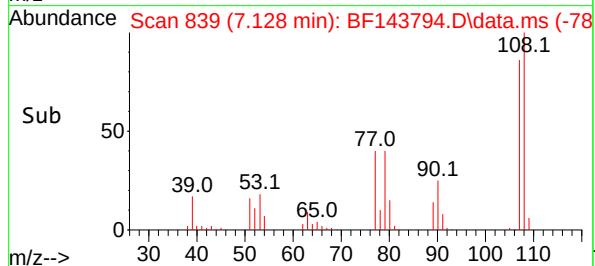
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



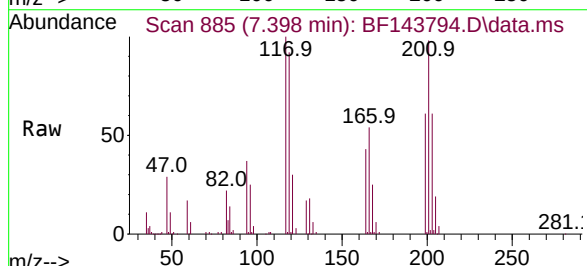
Tgt Ion:107 Resp: 124617
Ion Ratio Lower Upper
107 100
108 117.1 94.2 141.4
77 47.4 38.6 58.0
79 46.4 39.0 58.4

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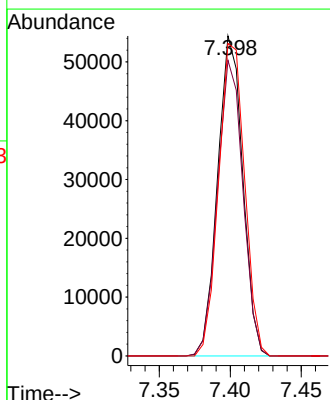
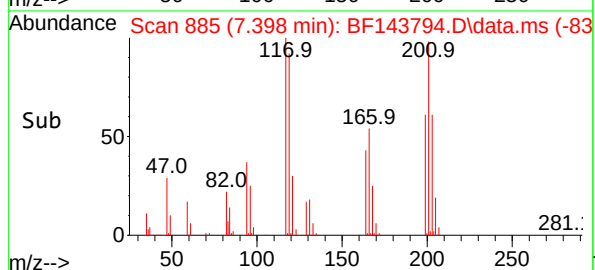
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

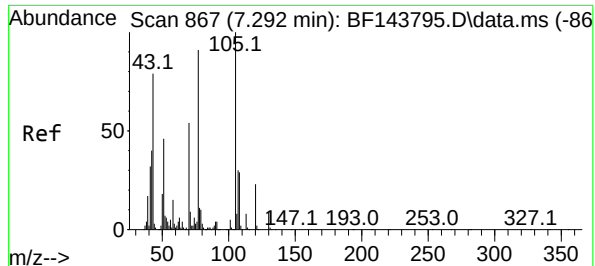


#18
Hexachloroethane
Concen: 21.134 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



Tgt Ion:117 Resp: 67048
Ion Ratio Lower Upper
117 100
119 92.4 76.2 114.2
201 97.6 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 20.254 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 114449

Ion Ratio Lower Upper

70 100

42 74.5 59.4 89.0

101 9.0 7.1 10.7

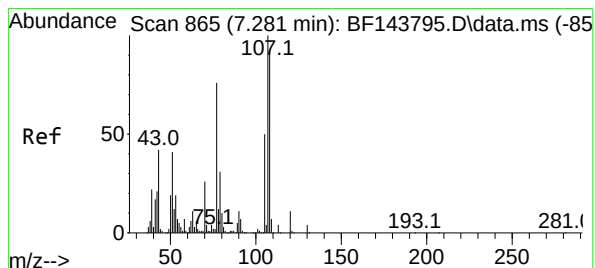
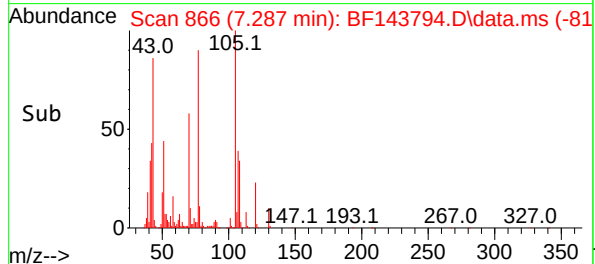
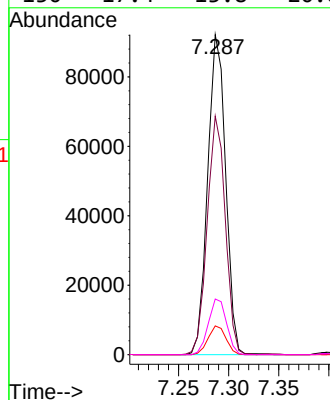
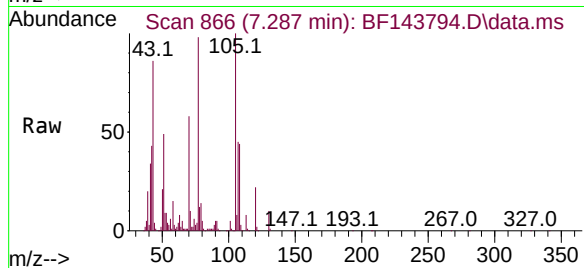
130 17.4 13.8 20.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 21.145 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Tgt Ion:107 Resp: 155211

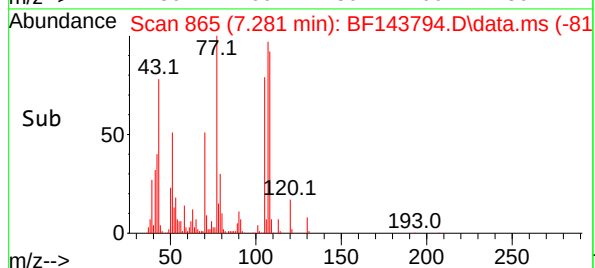
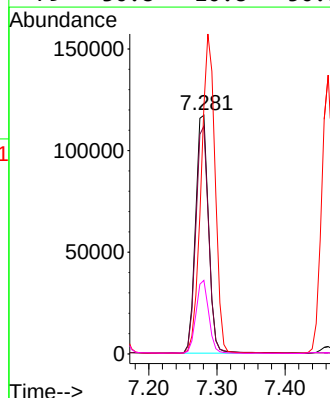
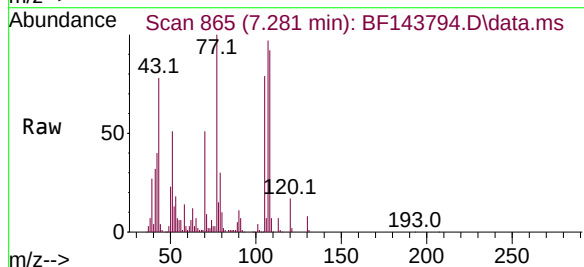
Ion Ratio Lower Upper

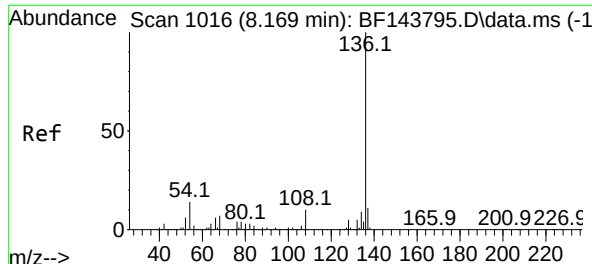
107 100

108 95.5 72.5 112.5

77 103.4 56.2 96.2#

79 30.8 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 446120

Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 13.7 11.2 16.8

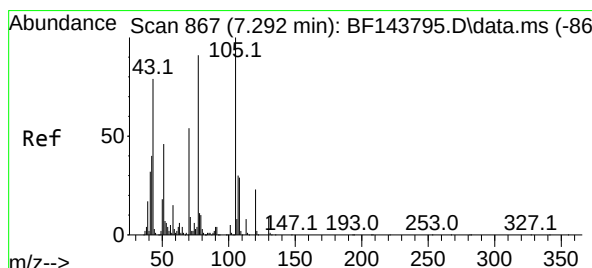
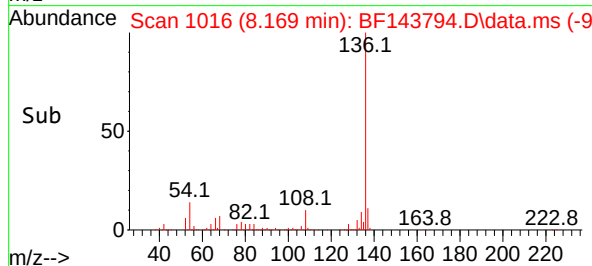
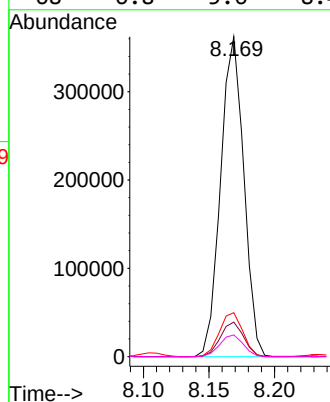
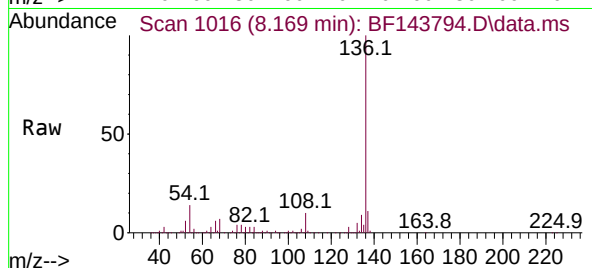
68 6.8 5.6 8.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#22

Acetophenone

Concen: 21.319 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Tgt Ion:105 Resp: 208896

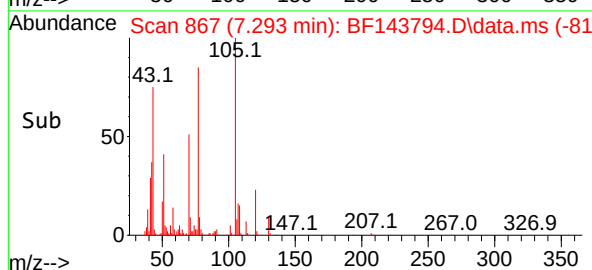
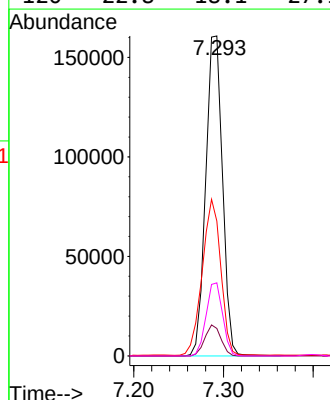
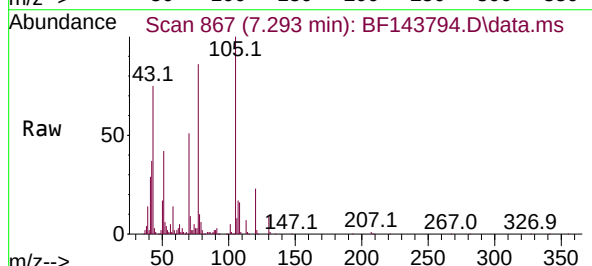
Ion Ratio Lower Upper

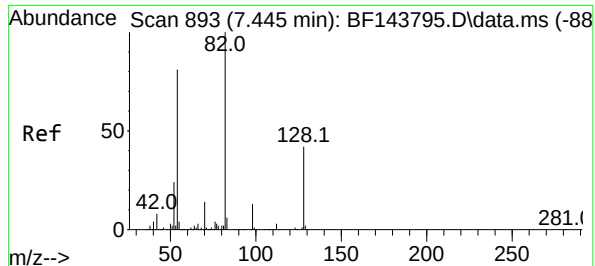
105 100

71 8.6 7.0 10.4

51 42.2 36.6 55.0

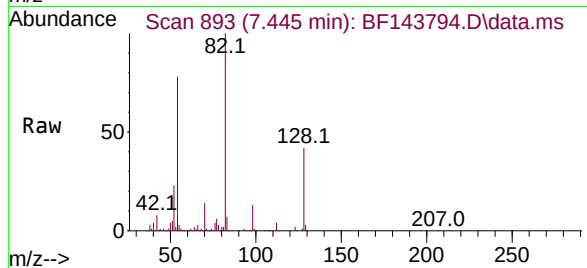
120 22.8 18.1 27.1





#23
Nitrobenzene-d5
Concen: 42.621 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

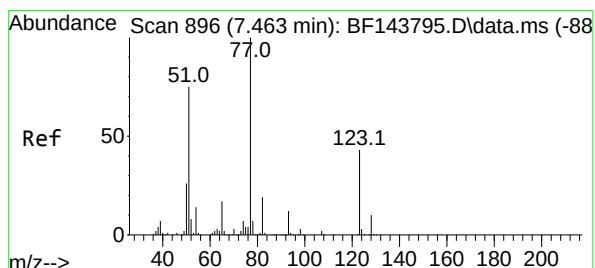
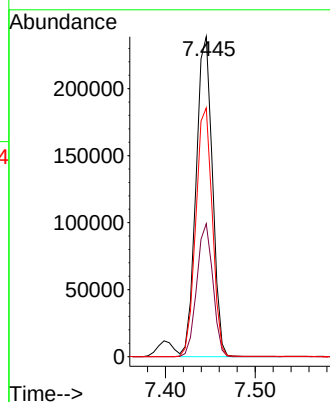
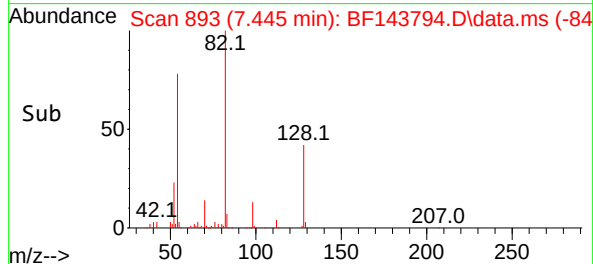
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 302138
Ion Ratio Lower Upper
82 100
128 41.5 33.3 49.9
54 77.7 64.2 96.4

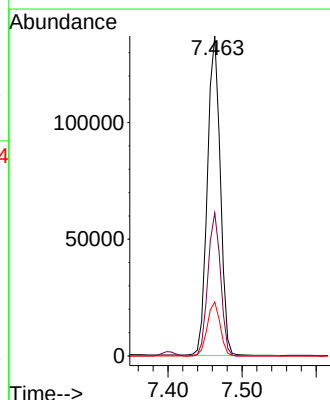
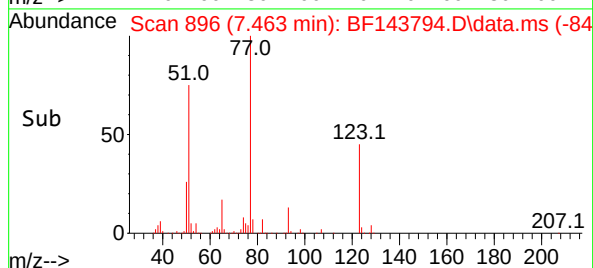
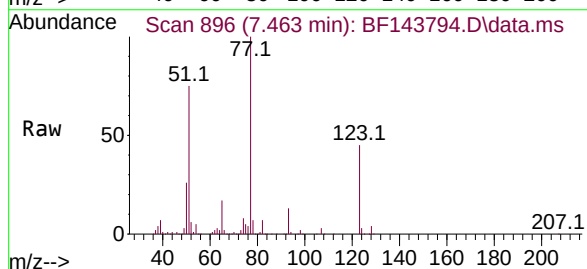
Manual Integrations
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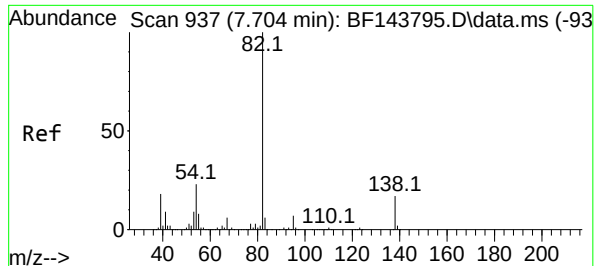
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#24
Nitrobenzene
Concen: 20.402 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 77 Resp: 164815
Ion Ratio Lower Upper
77 100
123 44.7 34.0 51.0
65 16.8 13.5 20.3





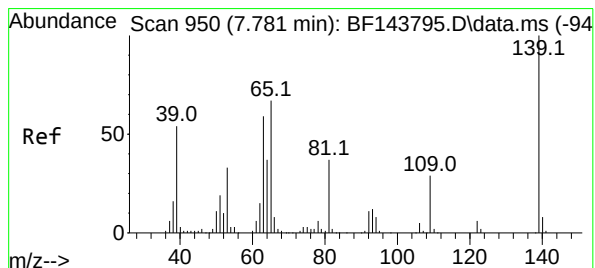
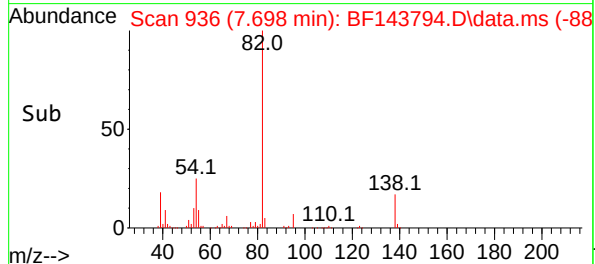
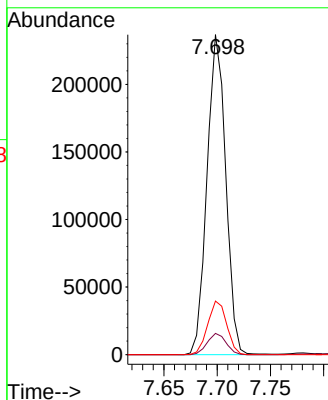
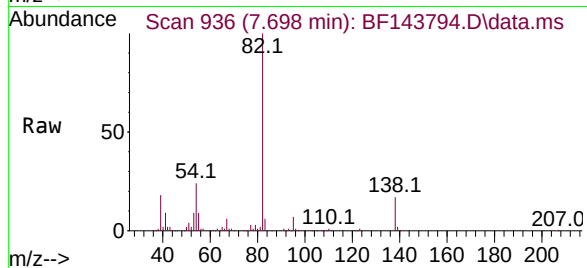
#25
Isophorone
Concen: 20.396 ng
RT: 7.698 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 82 Resp: 289674
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.2
138 16.7 13.7 20.5

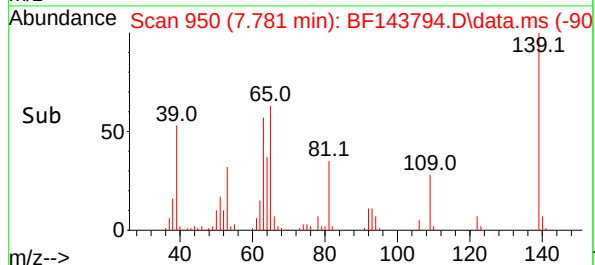
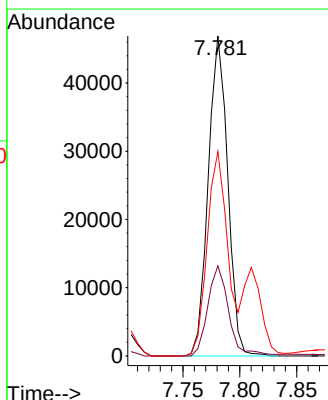
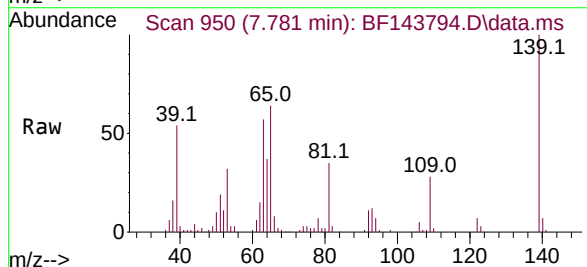
Manual Integrations
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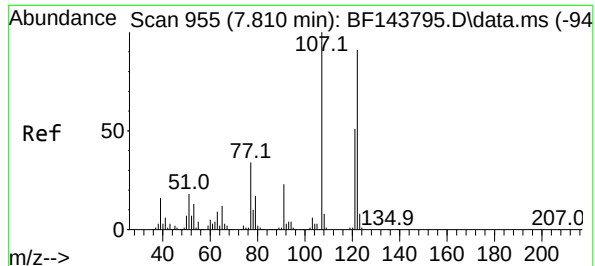
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#26
2-Nitrophenol
Concen: 18.629 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

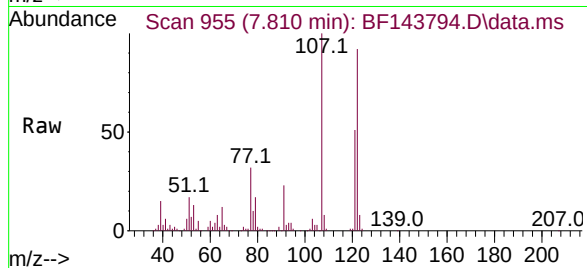
Tgt Ion:139 Resp: 55948
Ion Ratio Lower Upper
139 100
109 28.1 23.3 34.9
65 63.8 53.8 80.6





#27
2,4-Dimethylphenol
Concen: 20.437 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

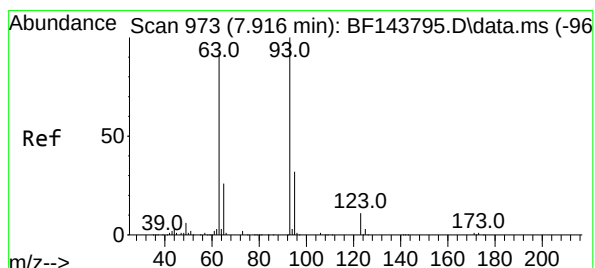
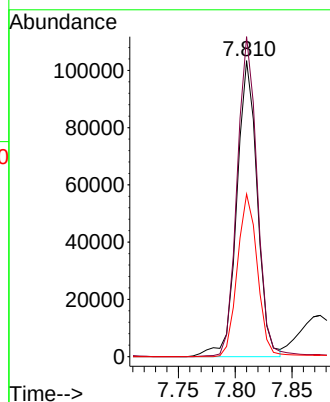
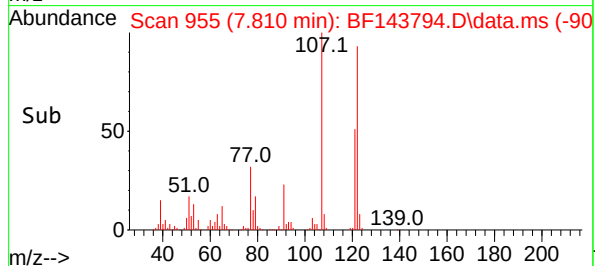
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:122 Resp: 129731
Ion Ratio Lower Upper
122 100
107 108.1 87.5 131.3
121 54.9 44.2 66.4

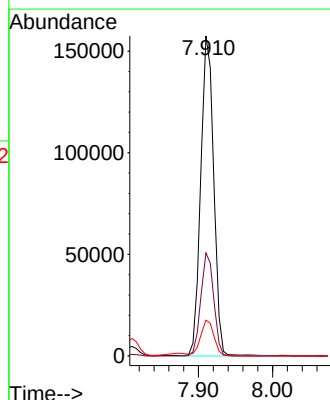
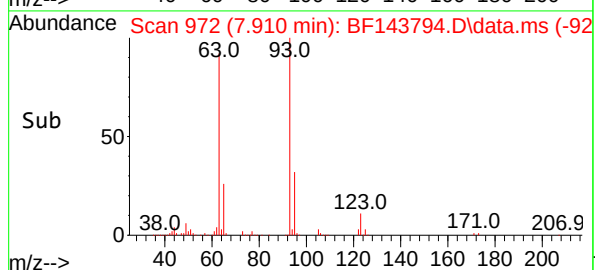
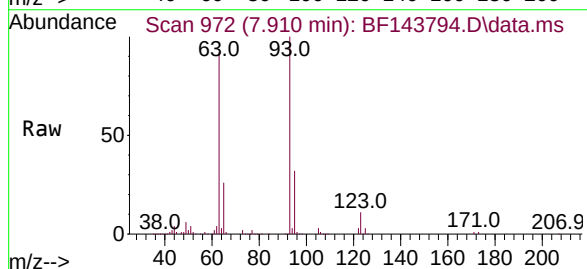
Manual Integrations
APPROVED

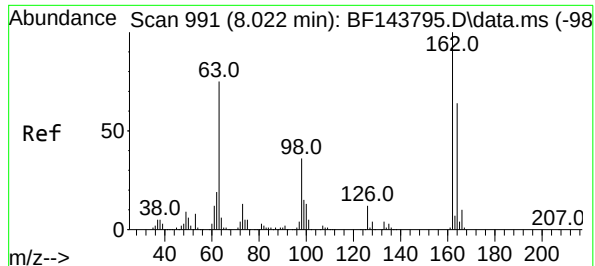
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 20.802 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 93 Resp: 191947
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.2 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 20.597 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

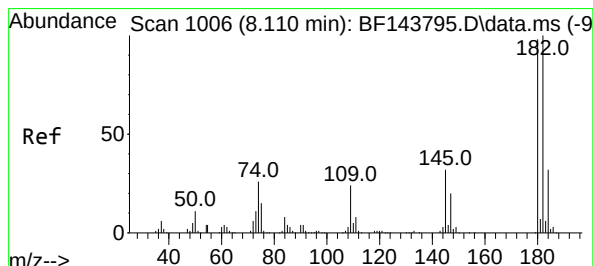
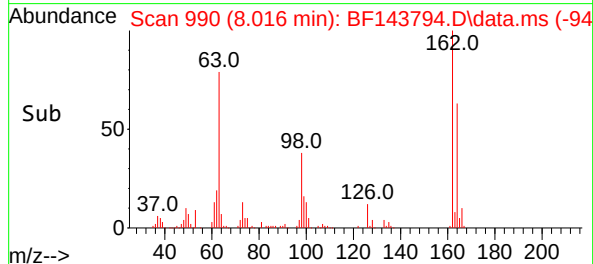
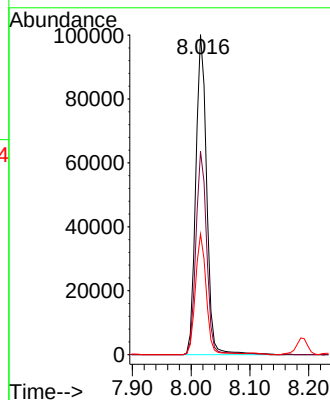
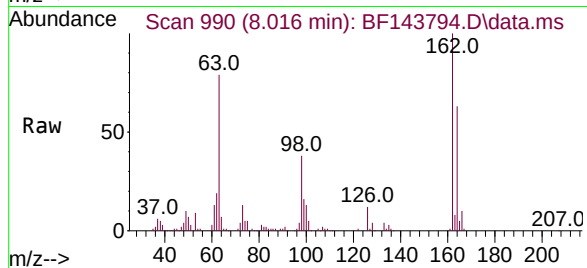
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	37.7	15.8	55.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 20.952 ng

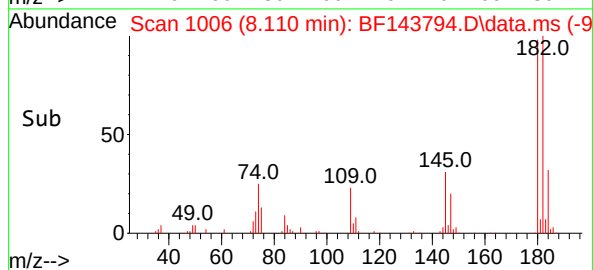
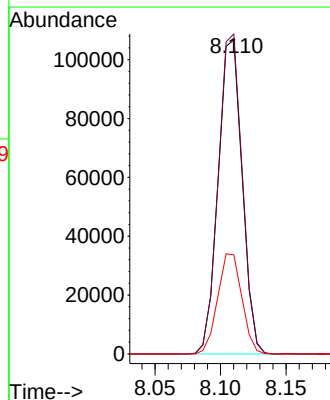
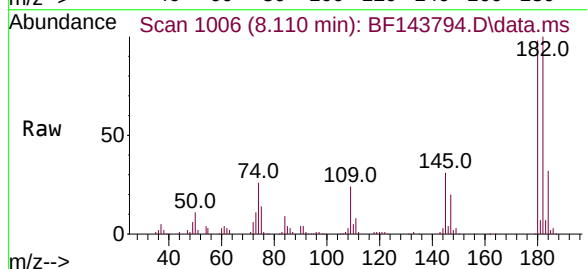
RT: 8.110 min Scan# 1006

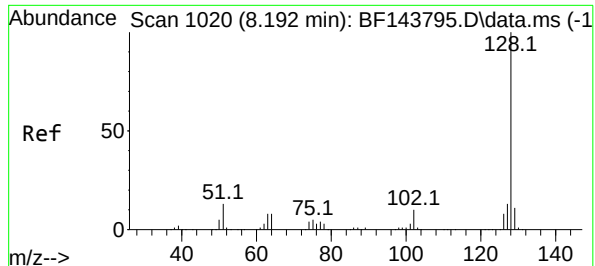
Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

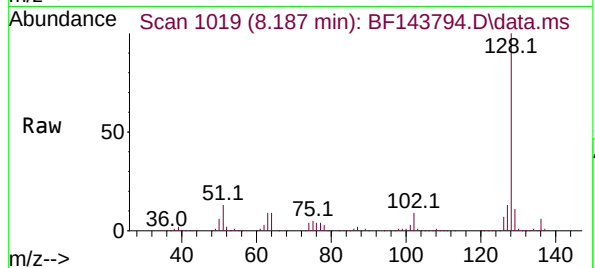
Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.9	82.0	123.0
145	31.6	25.9	38.9





#31
Naphthalene
Concen: 21.308 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

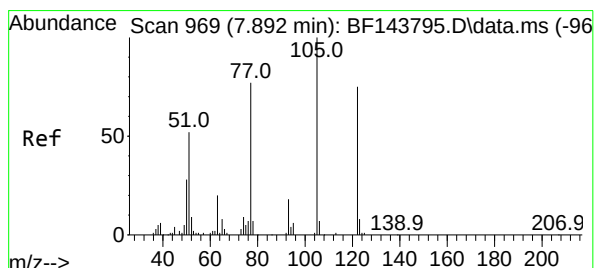
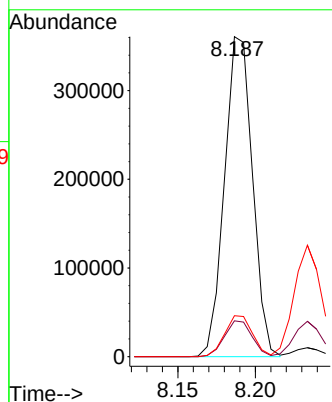
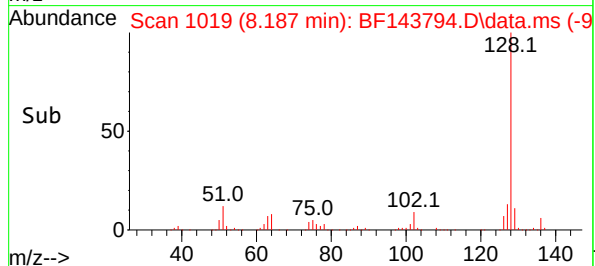
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 455060
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.8 10.2 15.4

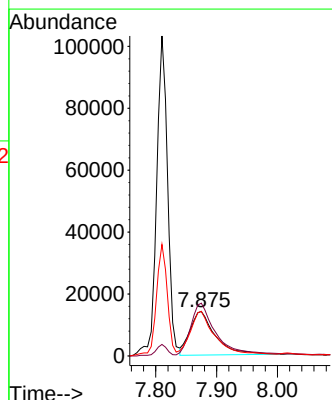
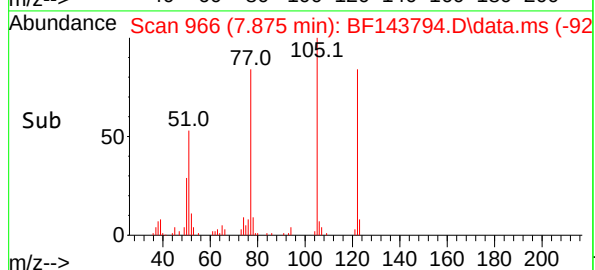
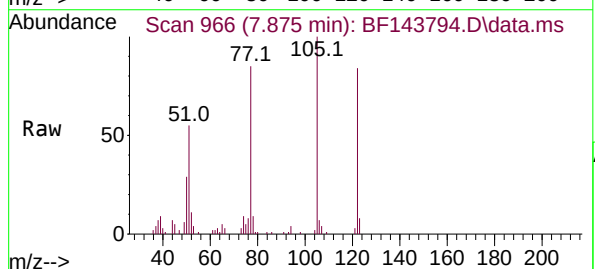
Manual Integrations
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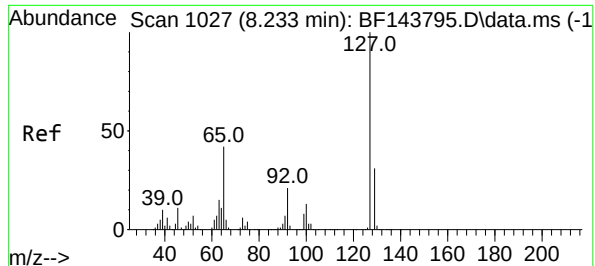
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#32
Benzoic acid
Concen: 13.254 ng
RT: 7.875 min Scan# 966
Delta R.T. -0.047 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:122 Resp: 40592
Ion Ratio Lower Upper
122 100
105 118.4 103.7 143.7
77 100.2 78.8 118.8





#33

4-Chloroaniline

Concen: 20.978 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 157439

Ion Ratio Lower Upper

127 100

129 31.7 25.4 38.2

65 41.5 33.4 50.2

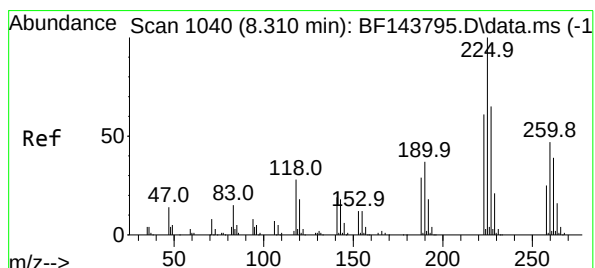
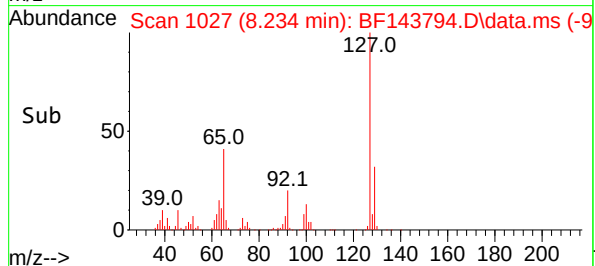
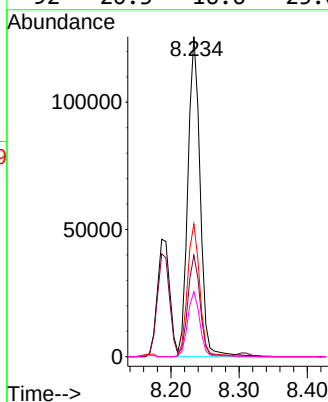
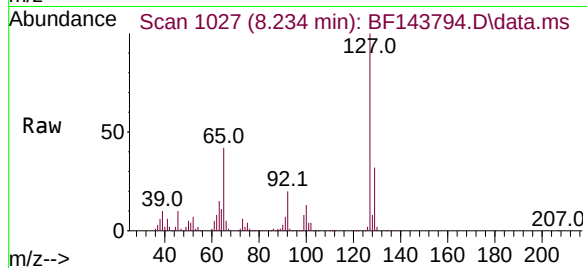
92 20.3 16.6 25.0

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#34

Hexachlorobutadiene

Concen: 20.595 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

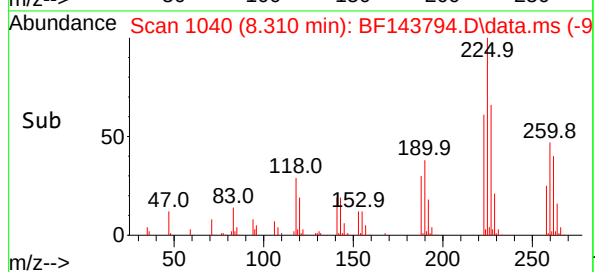
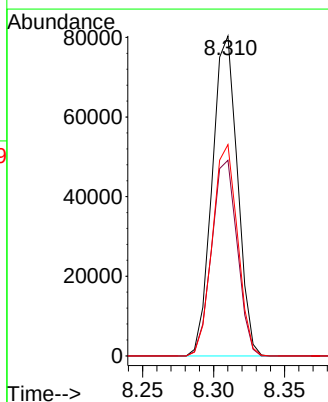
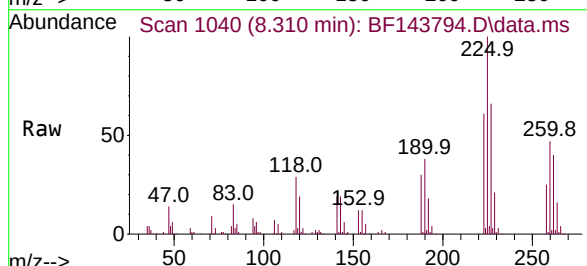
Tgt Ion:225 Resp: 99520

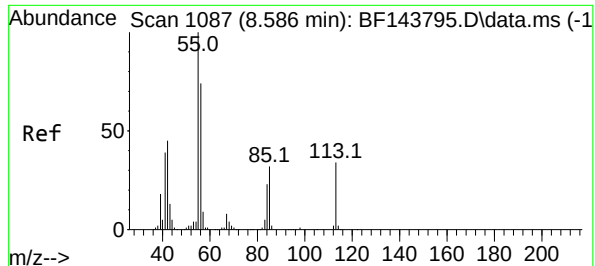
Ion Ratio Lower Upper

225 100

223 61.1 48.6 72.8

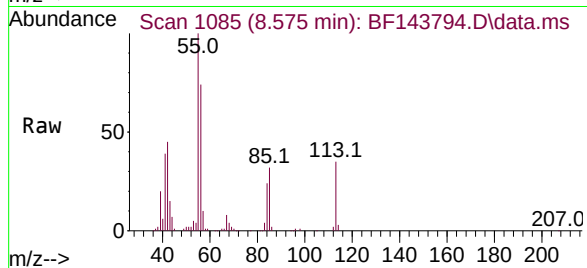
227 66.0 51.9 77.9





#35
 Caprolactam
 Concen: 19.385 ng
 RT: 8.575 min Scan# 1085
 Delta R.T. -0.035 min
 Lab File: BF143794.D
 Acq: 23 Sep 2025 12:27

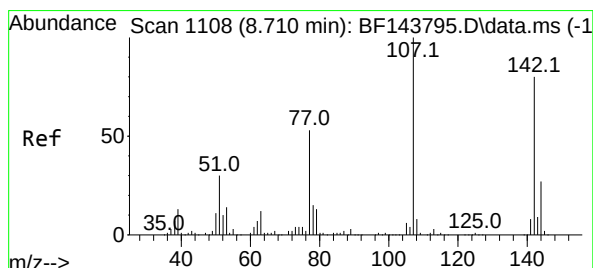
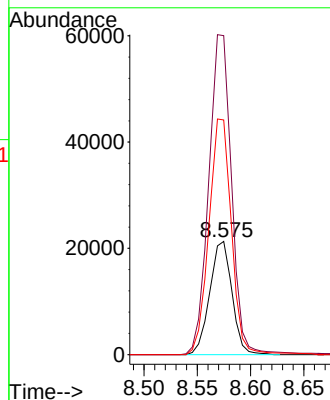
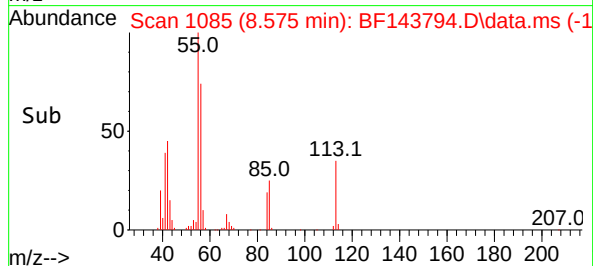
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



Tgt Ion:113 Resp: 30948
 Ion Ratio Lower Upper
 113 100
 55 282.0 271.7 311.7
 56 207.4 194.5 234.5

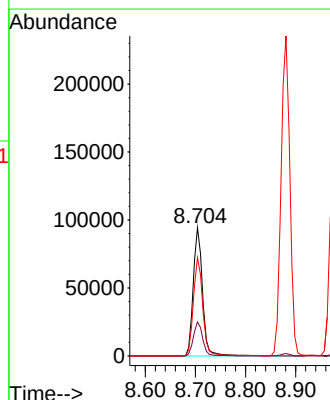
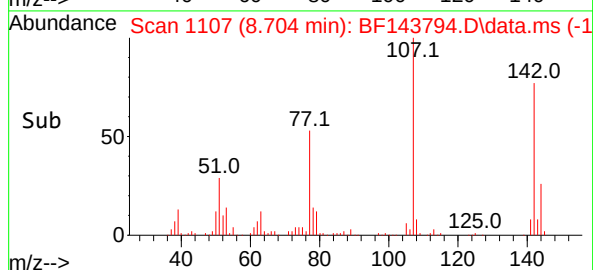
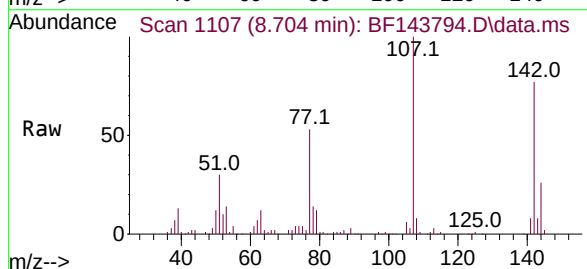
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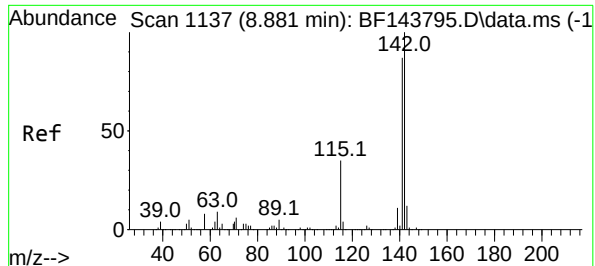
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025



#36
 4-Chloro-3-methylphenol
 Concen: 20.667 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF143794.D
 Acq: 23 Sep 2025 12:27

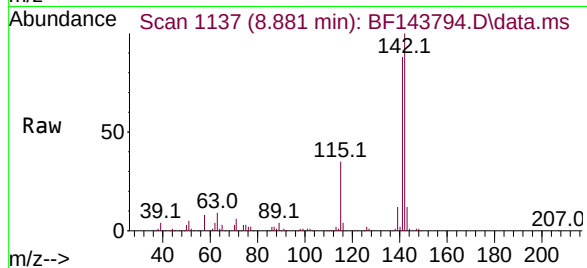
Tgt Ion:107 Resp: 121067
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.8 32.8
 142 76.6 63.6 95.4





#37
2-Methylnaphthalene
Concen: 21.060 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

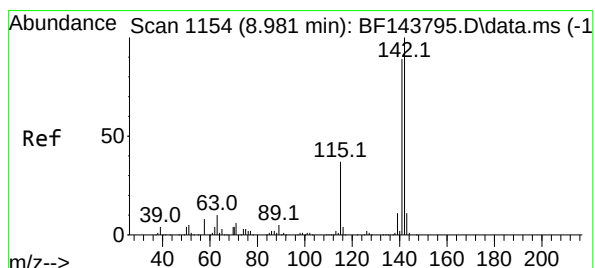
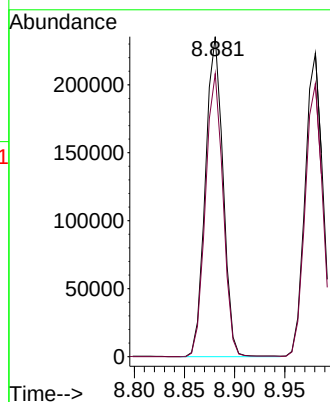
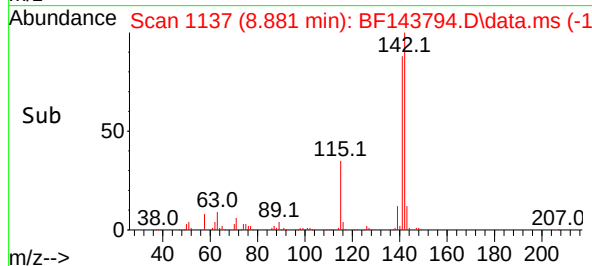
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 286790
Ion Ratio Lower Upper
142 100
141 88.4 69.4 104.0

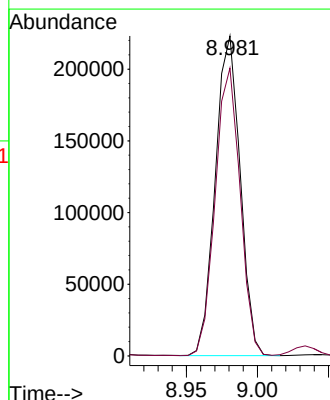
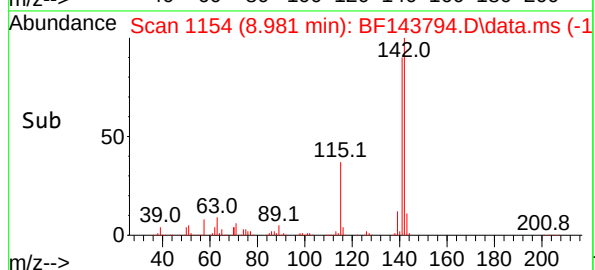
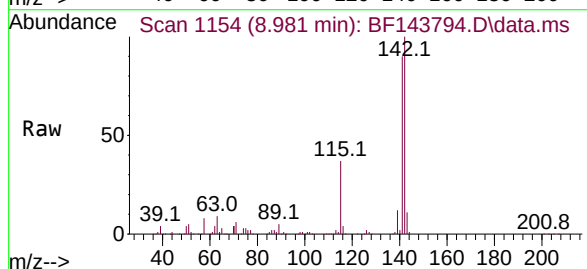
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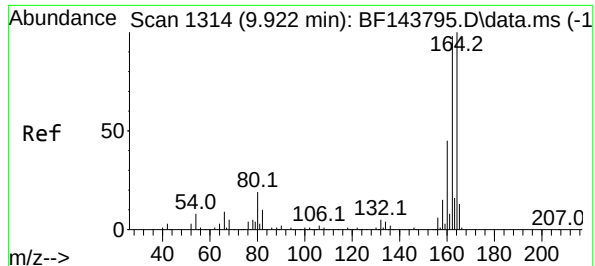
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#38
1-Methylnaphthalene
Concen: 20.889 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:142 Resp: 272276
Ion Ratio Lower Upper
142 100
141 89.9 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:164 Resp: 213356

Ion Ratio Lower Upper

164 100

162 99.9 78.8 118.2

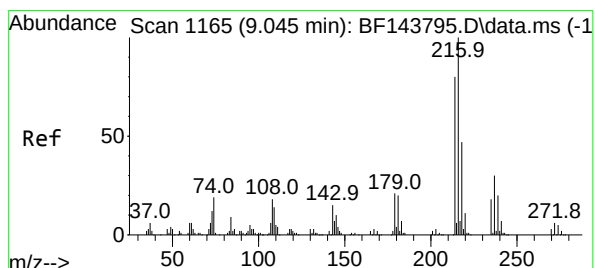
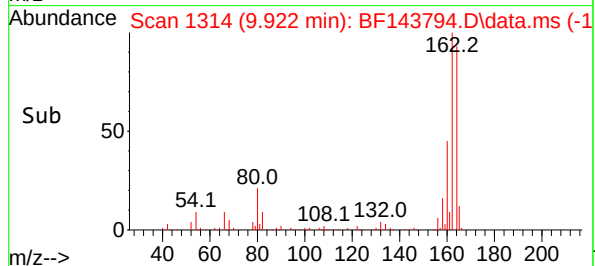
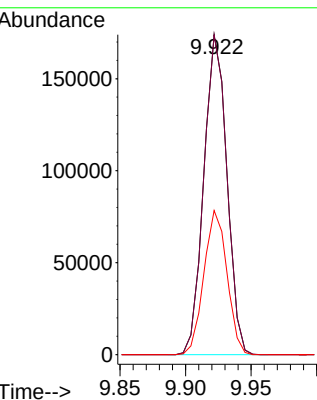
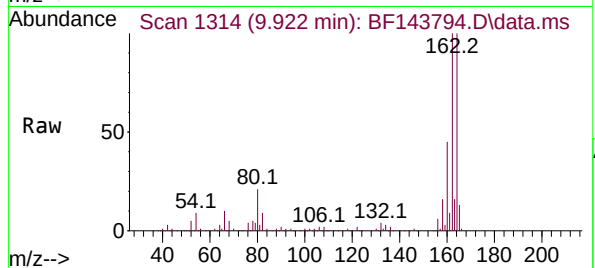
160 45.0 35.8 53.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.074 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Tgt Ion:216 Resp: 135689

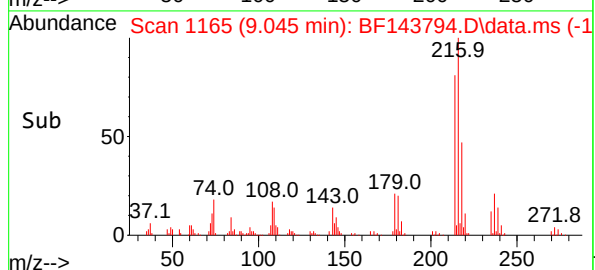
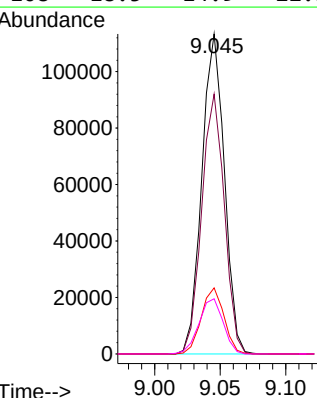
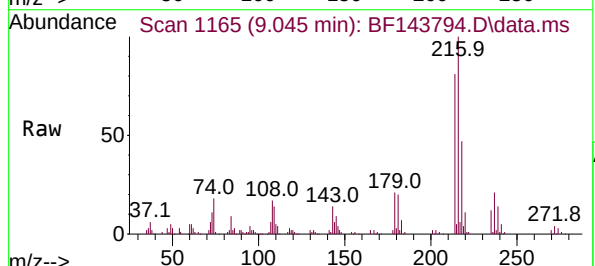
Ion Ratio Lower Upper

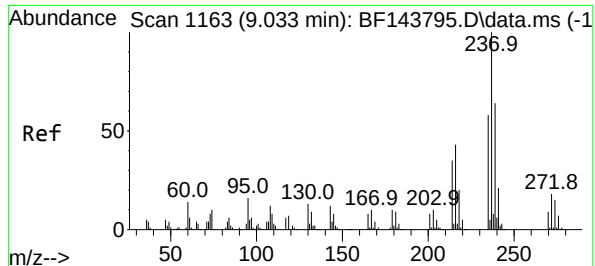
216 100

214 81.5 63.7 95.5

179 20.7 16.5 24.7

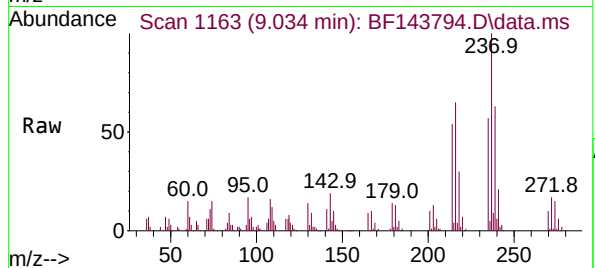
108 18.5 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 19.382 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

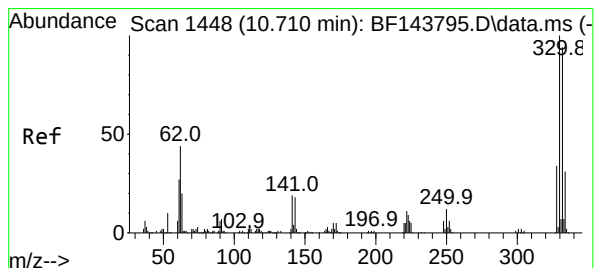
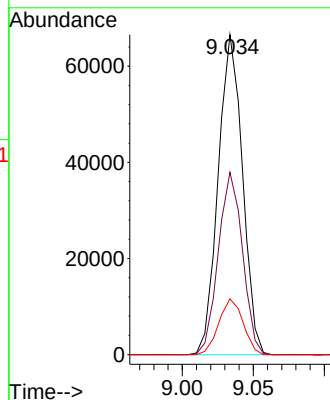
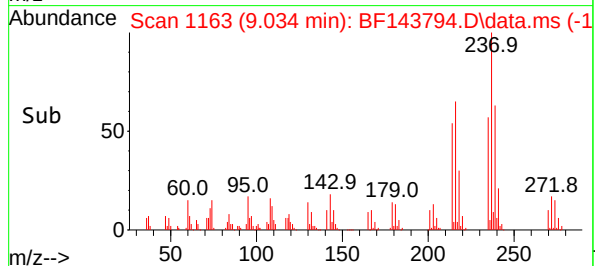
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



Tgt Ion: 237 Resp: 79092
Ion Ratio Lower Upper
237 100
235 57.0 38.1 78.1
272 17.4 0.0 37.9

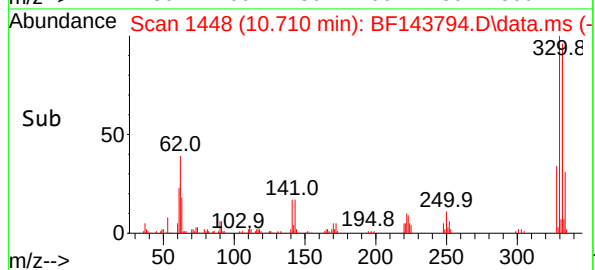
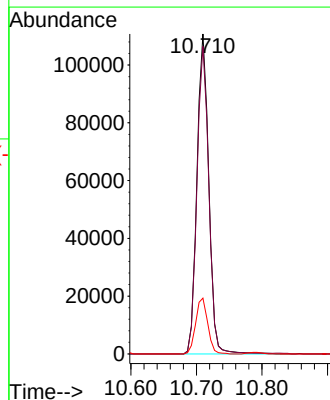
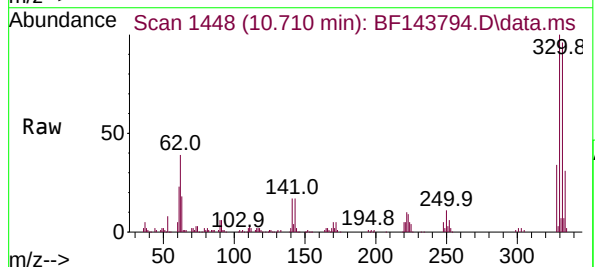
Manual Integrations
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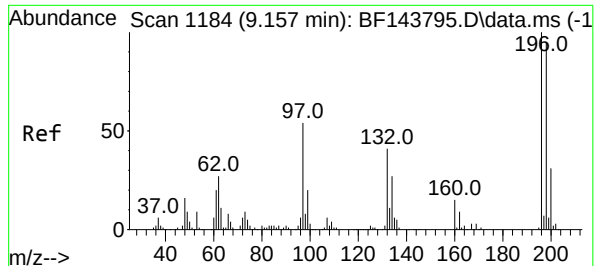
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#42
2,4,6-Tribromophenol
Concen: 45.426 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion: 330 Resp: 138317
Ion Ratio Lower Upper
330 100
332 96.5 74.7 112.1
141 17.7 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 20.423 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 8234

Ion Ratio Lower Upper

196 100

198 96.8 76.2 114.2

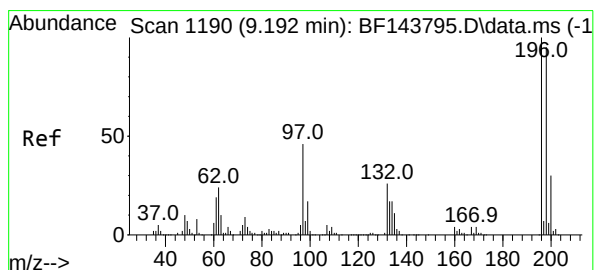
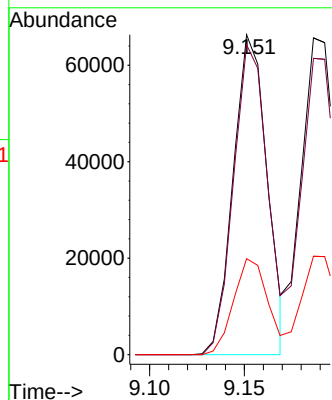
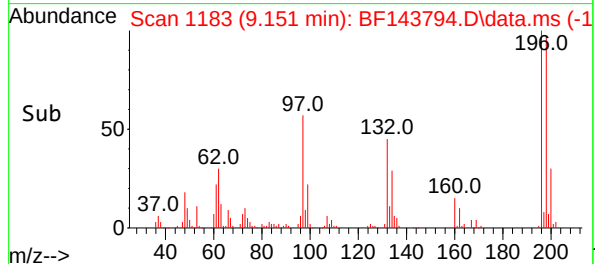
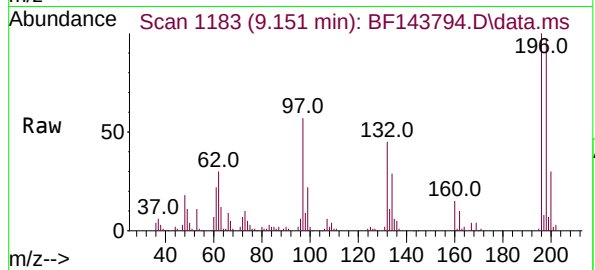
200 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

Concen: 21.213 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Tgt Ion:196 Resp: 89458

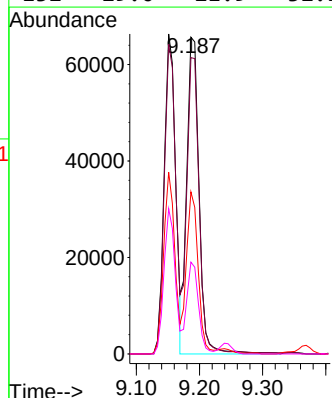
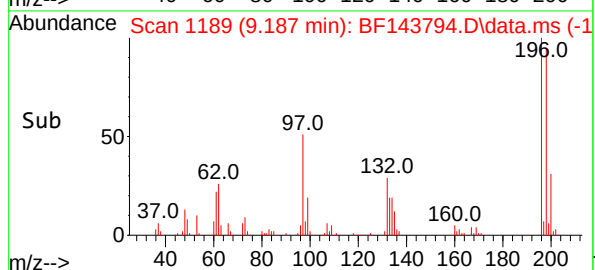
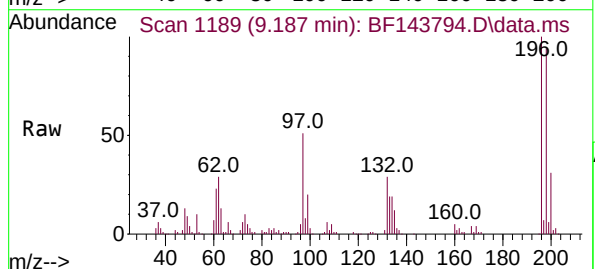
Ion Ratio Lower Upper

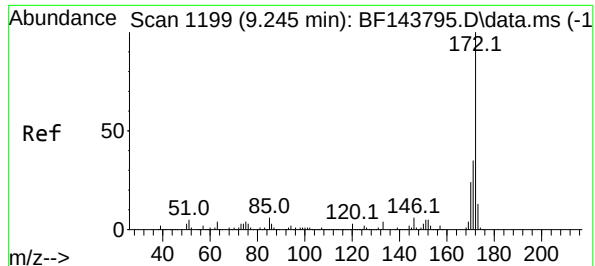
196 100

198 93.5 75.9 113.9

97 51.2 38.3 57.5

132 29.0 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 43.140 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143794.D

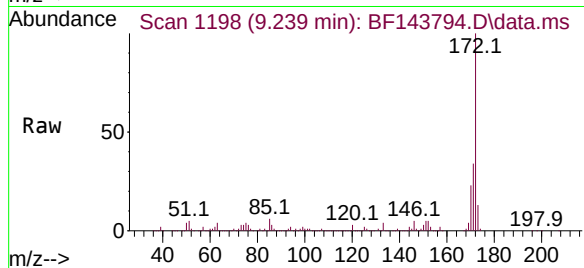
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:172 Resp: 622849

Ion Ratio Lower Upper

172 100

171 33.7 27.9 41.9

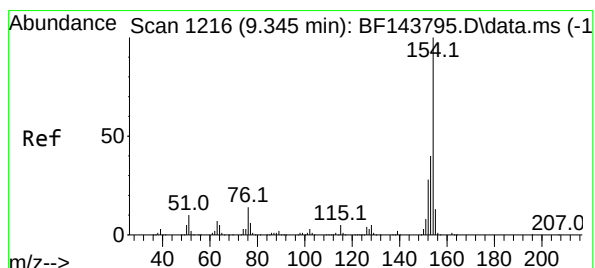
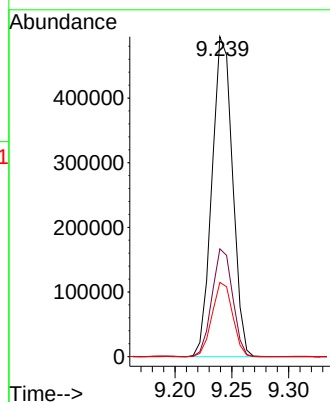
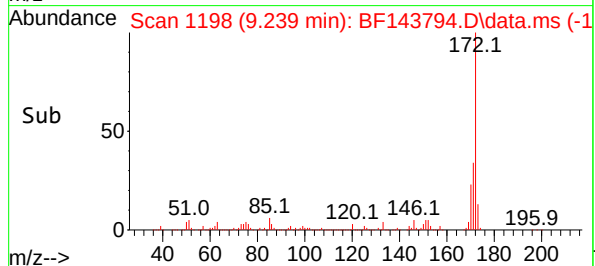
170 23.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

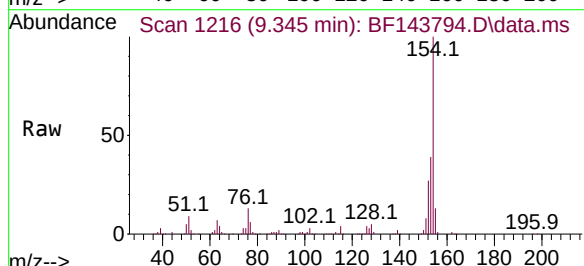
Concen: 21.610 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27



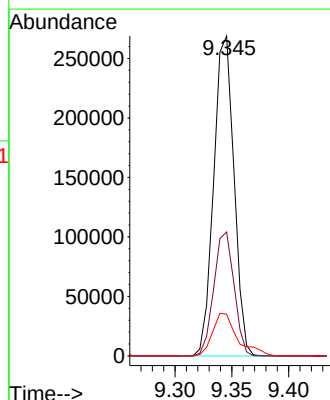
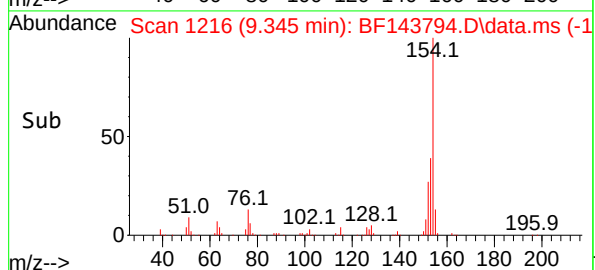
Tgt Ion:154 Resp: 333743

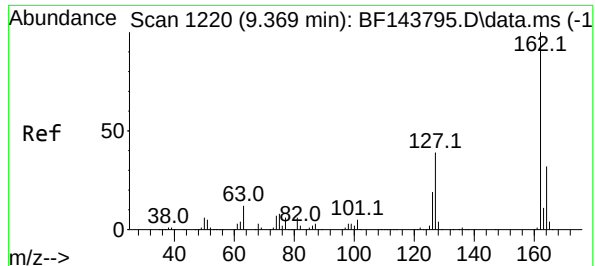
Ion Ratio Lower Upper

154 100

153 38.8 19.7 59.7

76 13.0 0.0 33.8





#47

2-Chloronaphthalene

Concen: 21.330 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143794.D

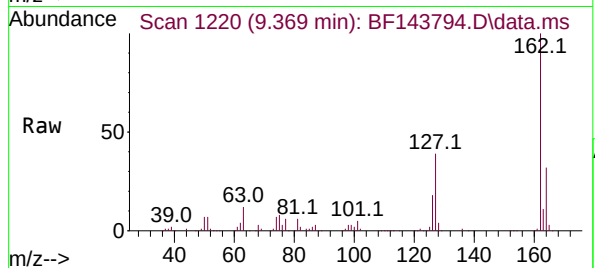
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 265169

Ion Ratio Lower Upper

162 100

127 38.6 31.5 47.3

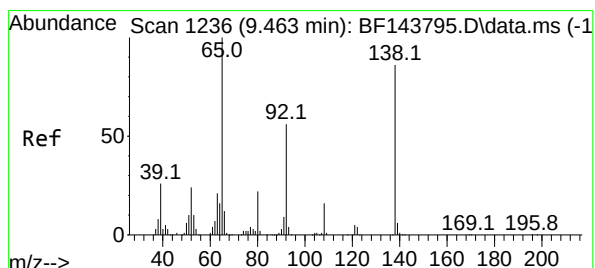
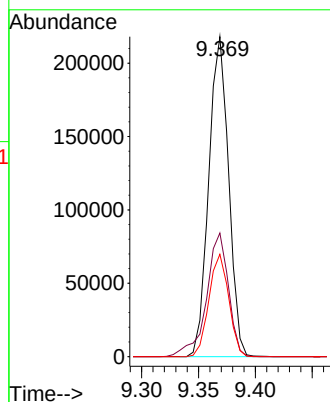
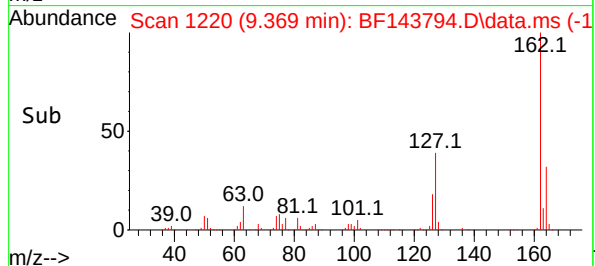
164 32.0 25.9 38.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 20.157 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

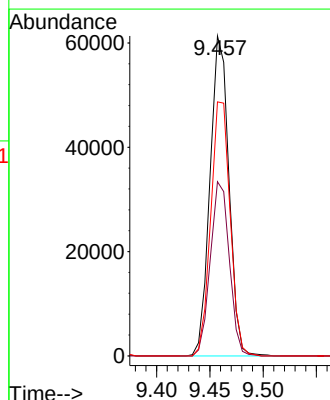
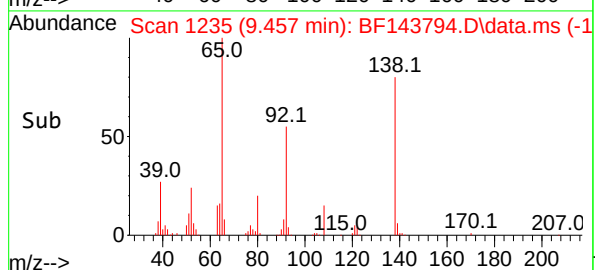
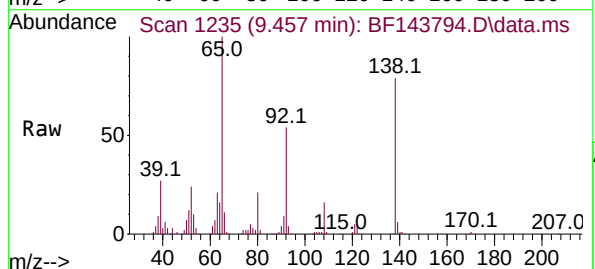
Tgt Ion: 65 Resp: 75737

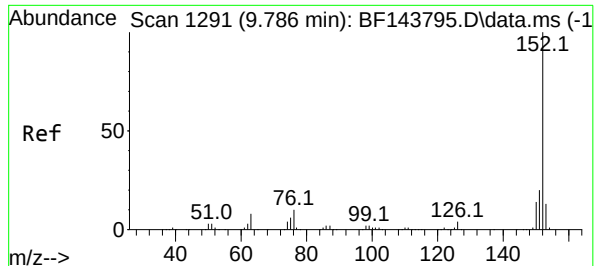
Ion Ratio Lower Upper

65 100

92 54.4 44.9 67.3

138 79.4 69.0 103.4





#49

Acenaphthylene

Concen: 21.195 ng

RT: 9.781 min Scan# 1290

Delta R.T. -0.006 min

Lab File: BF143794.D

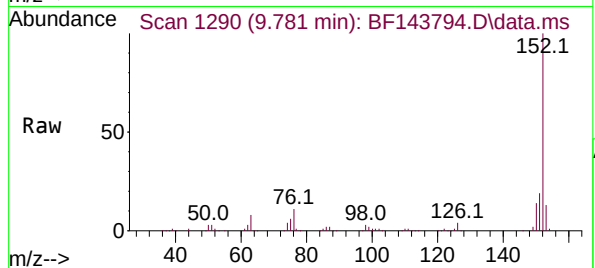
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 362739

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

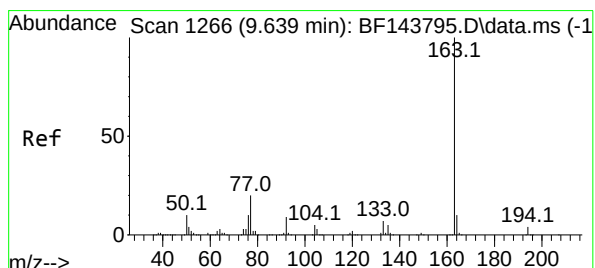
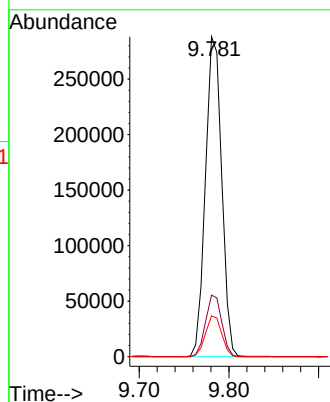
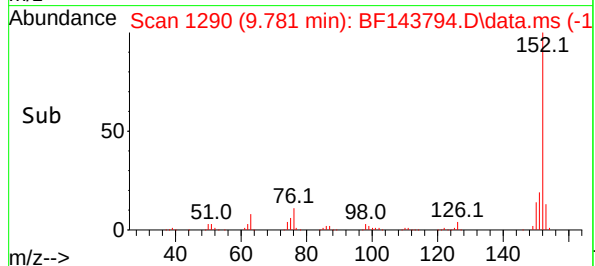
153 12.7 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

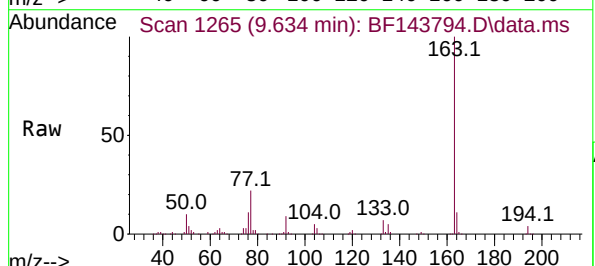
Concen: 20.548 ng

RT: 9.634 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27



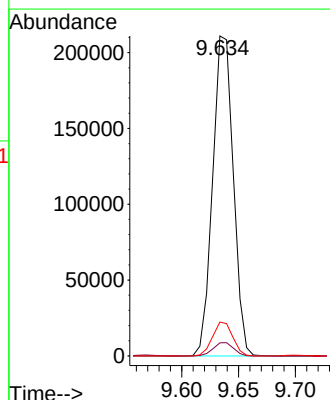
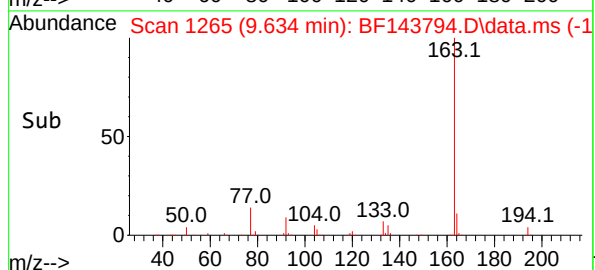
Tgt Ion:163 Resp: 267211

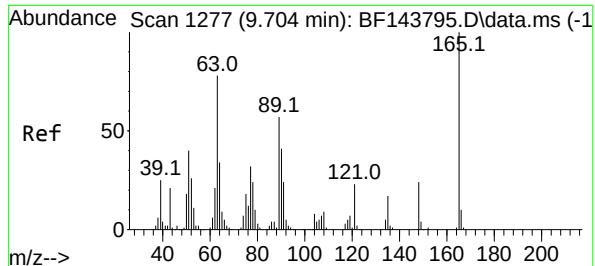
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

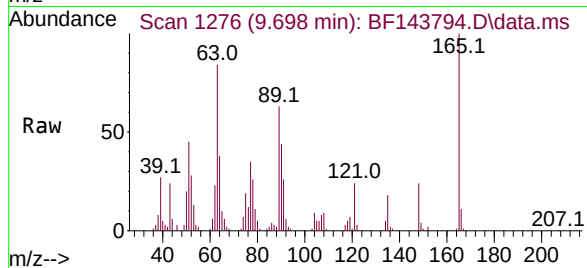
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 19.794 ng
RT: 9.698 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

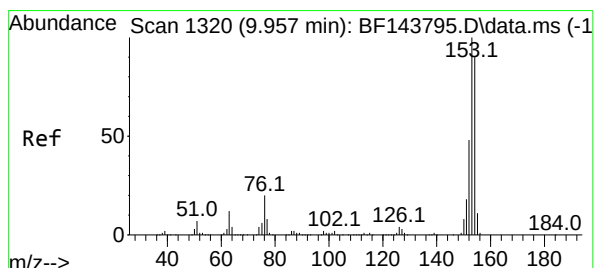
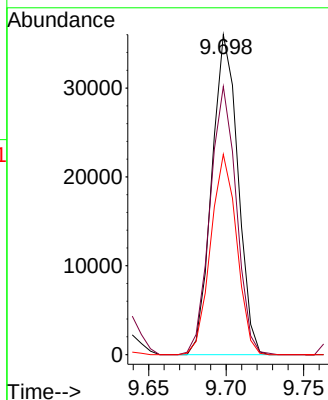
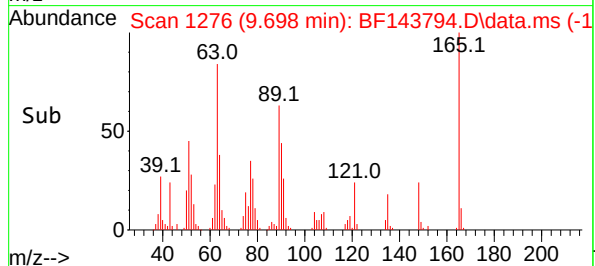
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:165 Resp: 42291
Ion Ratio Lower Upper
165 100
63 83.8 62.6 94.0
89 62.6 45.2 67.8

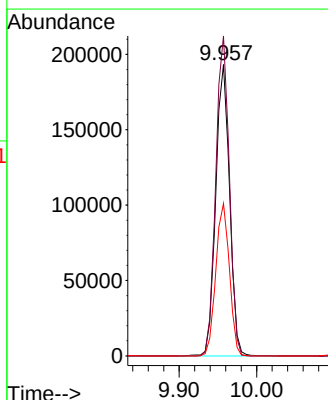
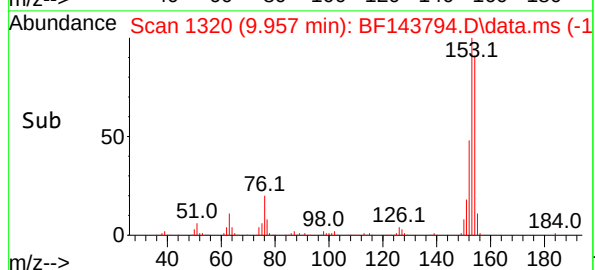
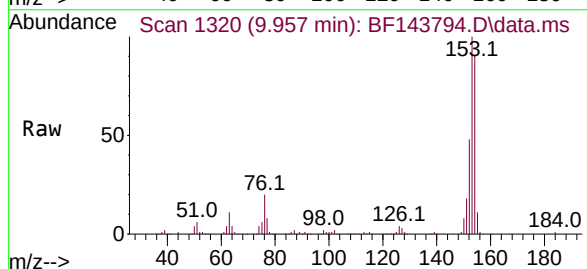
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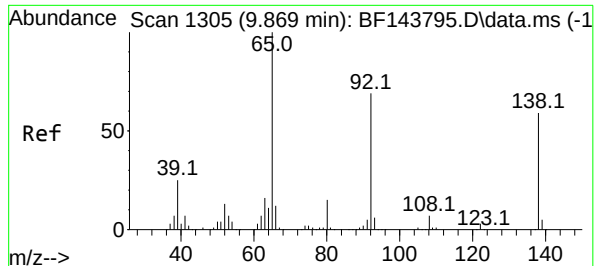
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 21.268 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:154 Resp: 239533
Ion Ratio Lower Upper
154 100
153 109.8 88.7 133.1
152 52.3 42.7 64.1





#53

3-Nitroaniline

Concen: 20.150 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:138 Resp: 52183

Ion Ratio Lower Upper

138 100

108 14.8 9.9 14.9

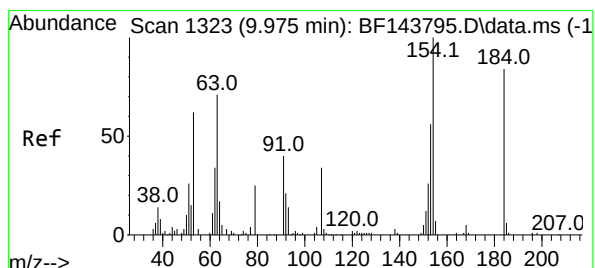
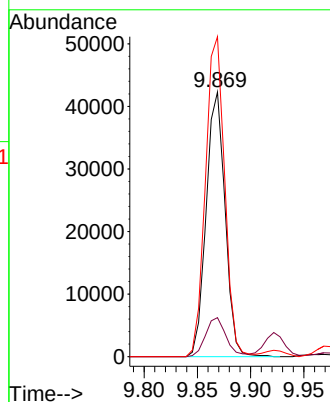
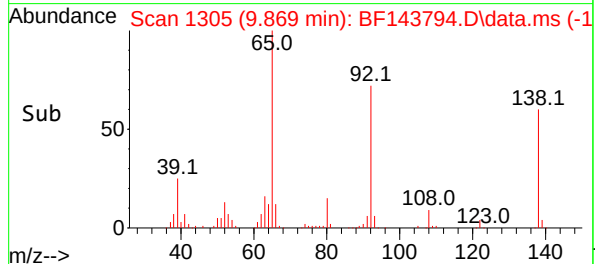
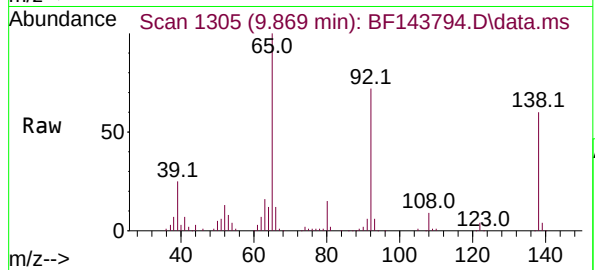
92 121.0 93.5 140.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#54

2,4-Dinitrophenol

Concen: 16.759 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

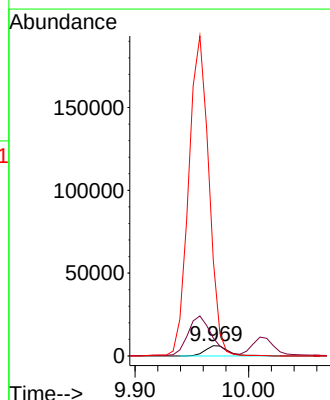
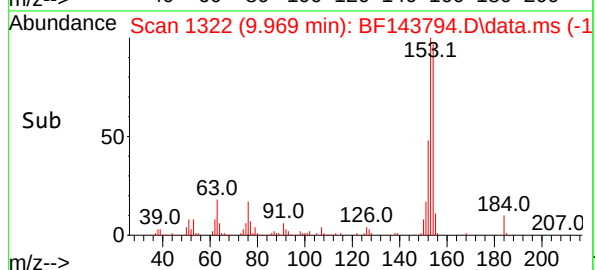
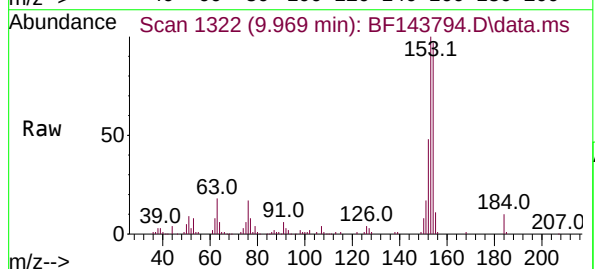
Tgt Ion:184 Resp: 8519

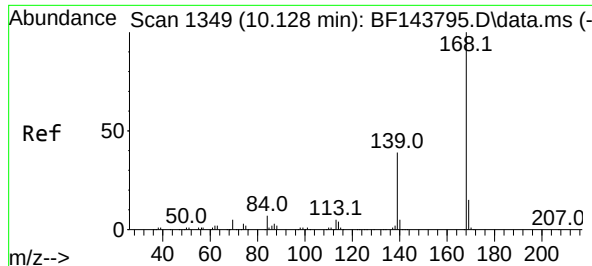
Ion Ratio Lower Upper

184 100

63 174.8 84.6 127.0#

154 930.3 199.3 298.9#





#55

Dibenzenofuran

Concen: 21.305 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:168 Resp: 339308

Ion Ratio Lower Upper

168 100

139 38.2 31.0 46.6

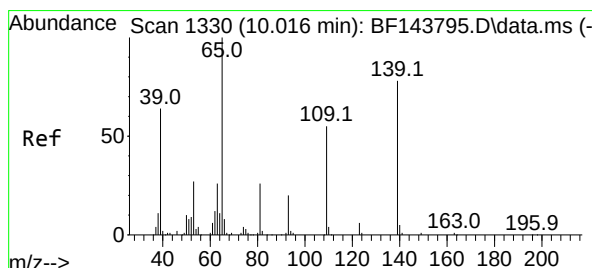
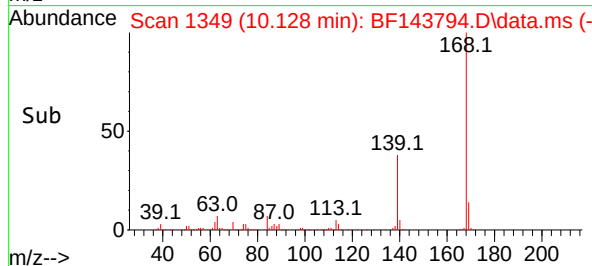
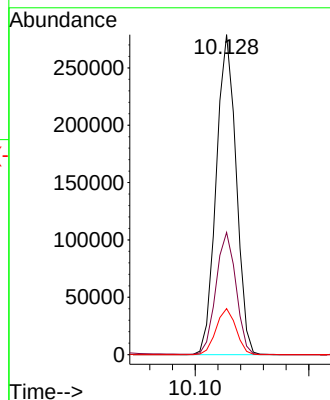
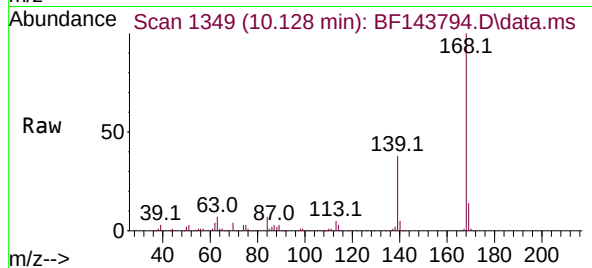
169 14.4 11.9 17.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 17.322 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

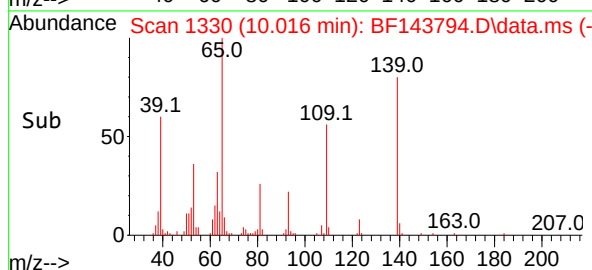
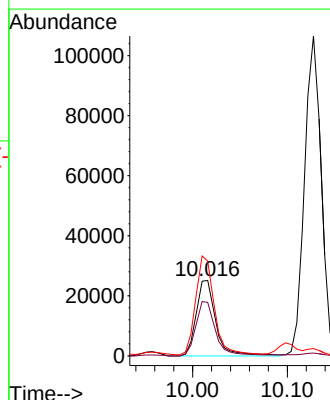
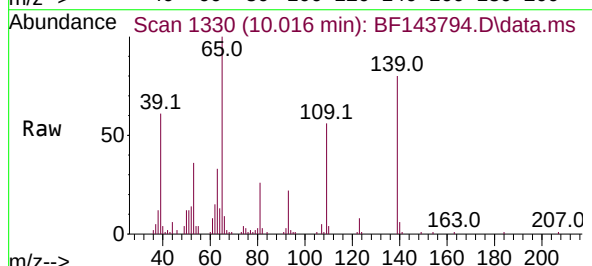
Tgt Ion:139 Resp: 36150

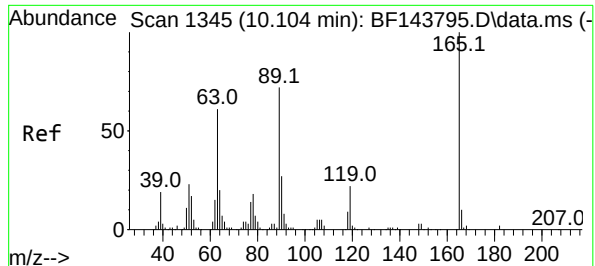
Ion Ratio Lower Upper

139 100

109 70.9 50.2 90.2

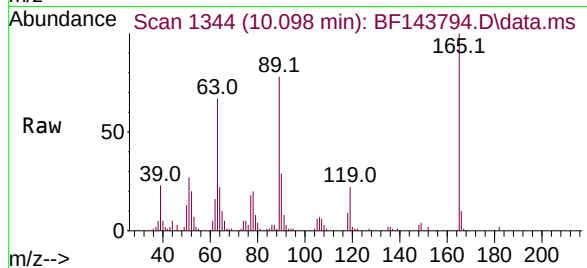
65 125.7 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 18.952 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

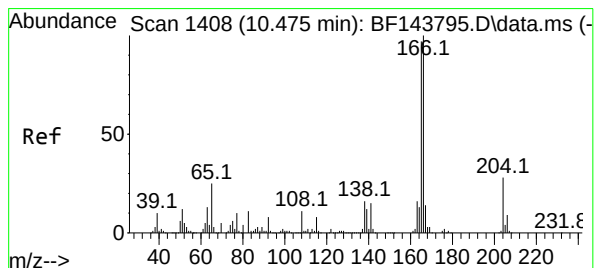
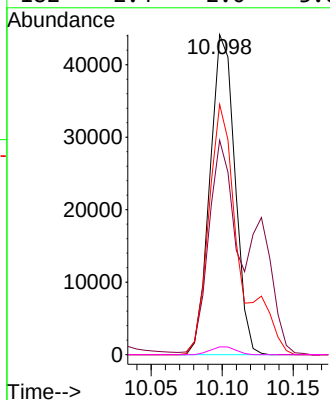
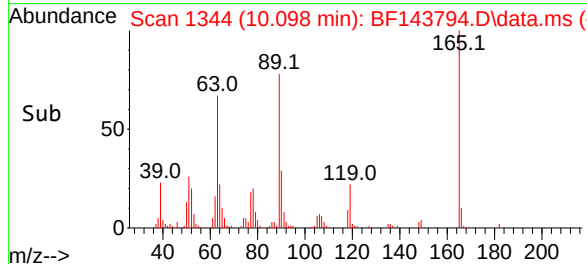
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



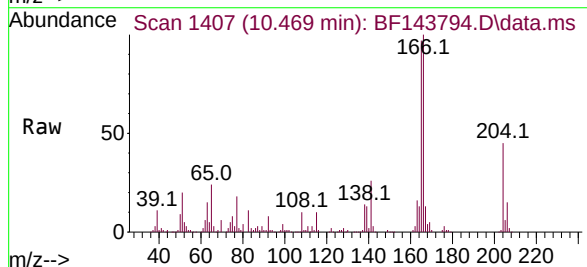
Tgt Ion:165 Resp: 5413
Ion Ratio Lower Upper
165 100
63 67.0 48.9 73.3
89 78.2 57.5 86.3
182 2.4 2.0 3.0

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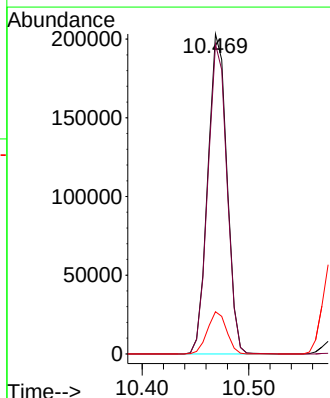
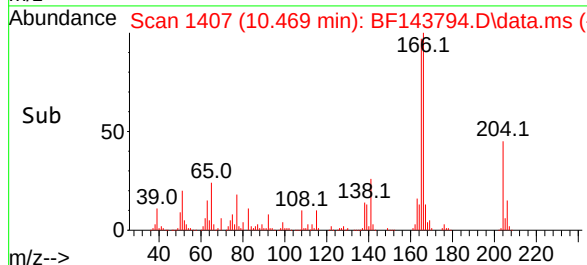
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

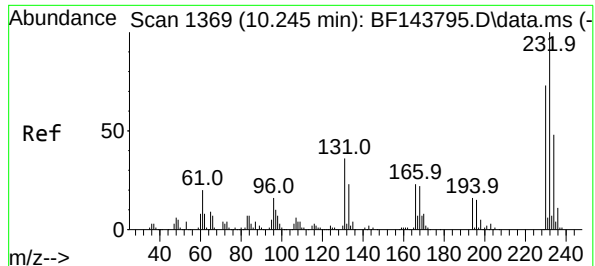


#58
Fluorene
Concen: 21.445 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



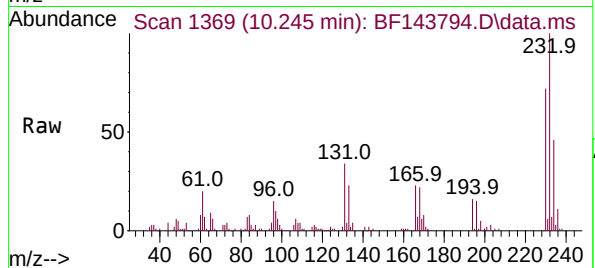
Tgt Ion:166 Resp: 253897
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 20.618 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

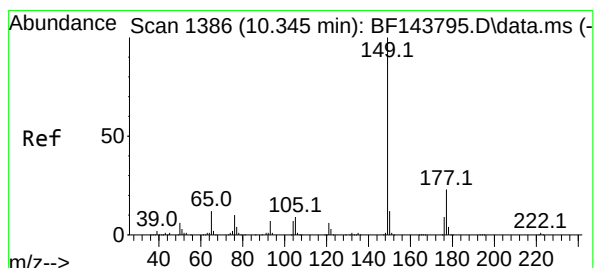
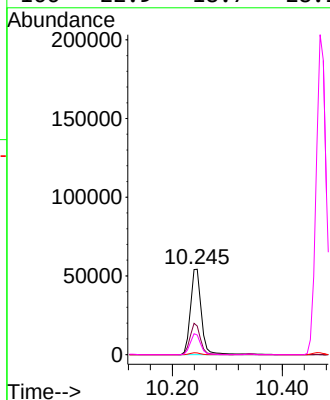
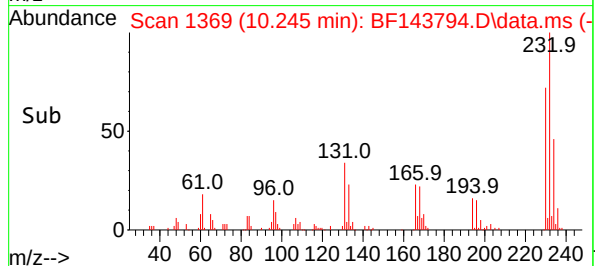
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:232 Resp: 74485
Ion Ratio Lower Upper
232 100
131 34.9 29.4 44.2
130 1.9 1.3 1.9
166 22.9 18.7 28.1

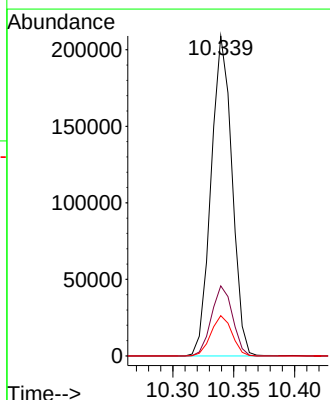
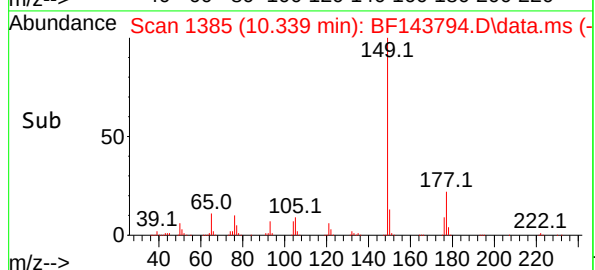
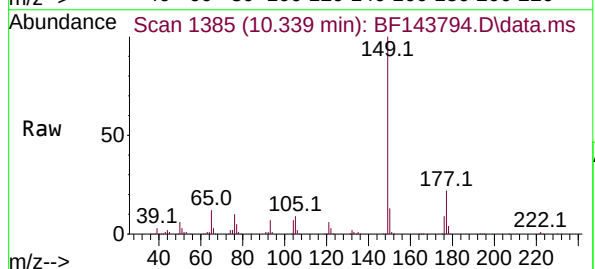
Manual Integrations
APPROVED

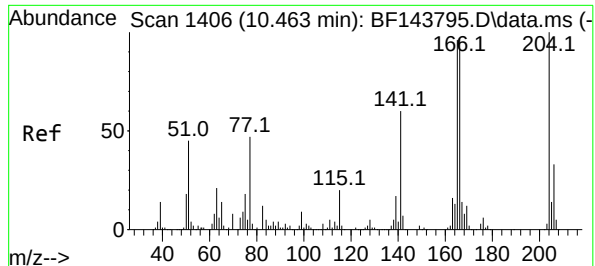
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#60
Diethylphthalate
Concen: 20.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

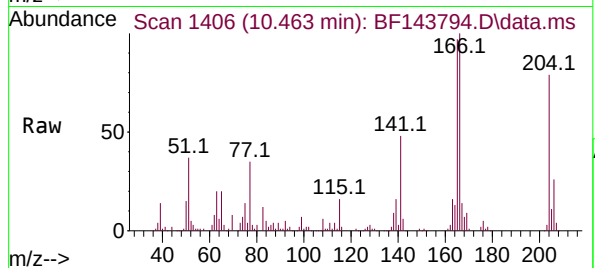
Tgt Ion:149 Resp: 250459
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 12.6 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 21.242 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

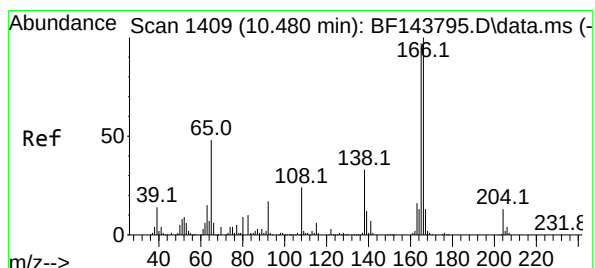
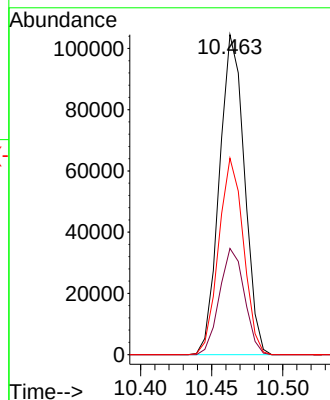
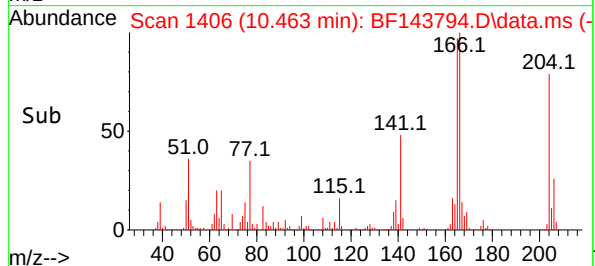
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



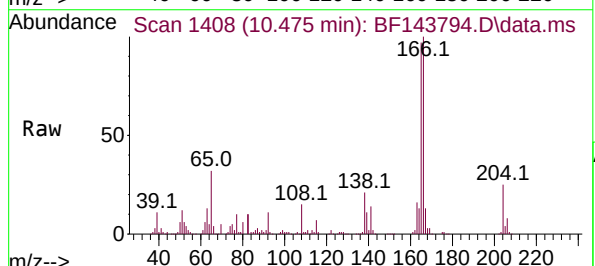
Tgt Ion:204 Resp: 128143
Ion Ratio Lower Upper
204 100
206 33.2 26.7 40.1
141 61.4 48.2 72.2

Manual Integrations
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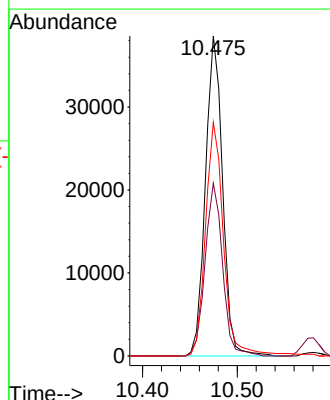
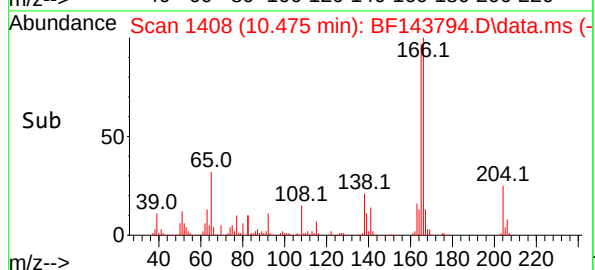
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

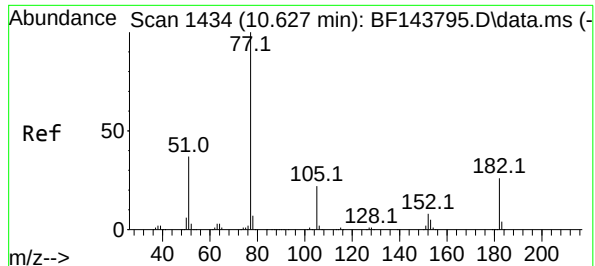


#62
4-Nitroaniline
Concen: 19.941 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



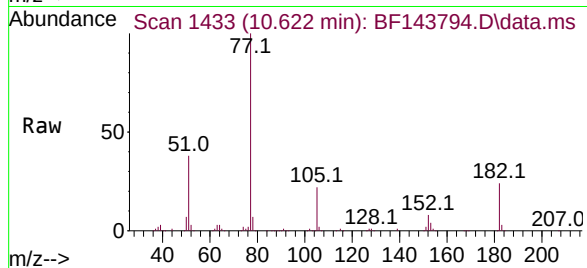
Tgt Ion:138 Resp: 48558
Ion Ratio Lower Upper
138 100
92 54.0 31.5 71.5
108 73.0 51.9 91.9





#63
Azobenzene
Concen: 20.720 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

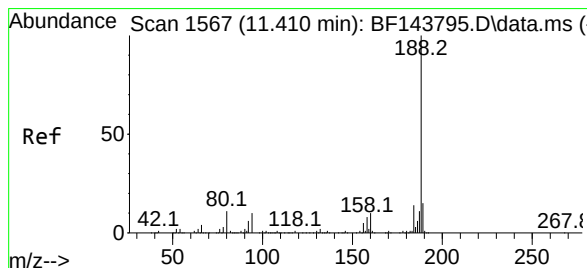
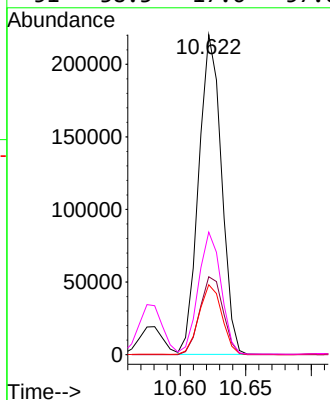
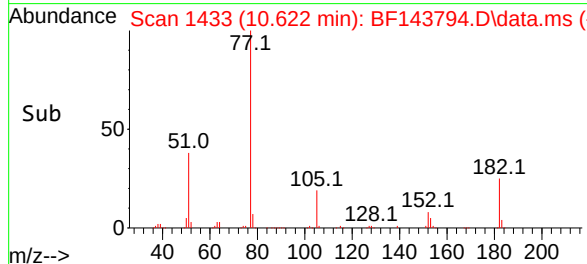
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 265823
Ion Ratio Lower Upper
77 100
182 24.3 5.9 45.9
105 21.8 2.3 42.3
51 38.3 17.6 57.6

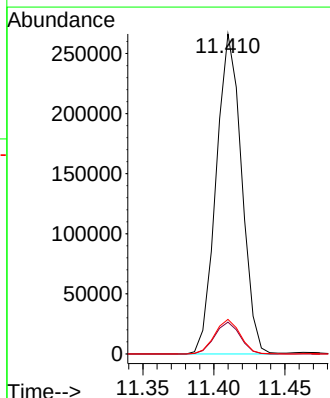
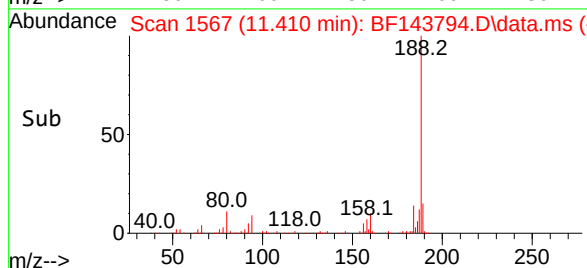
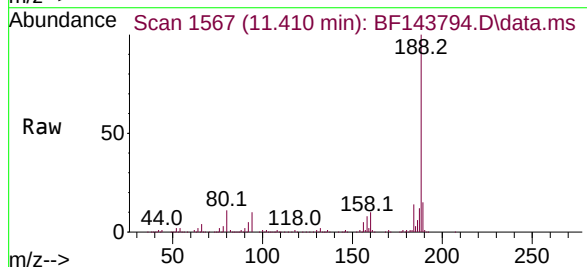
Manual Integrations
APPROVED

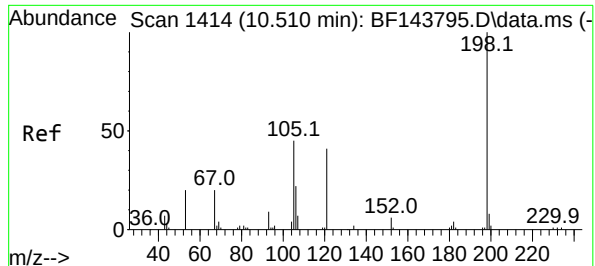
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:188 Resp: 331910
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.8 8.6 12.8





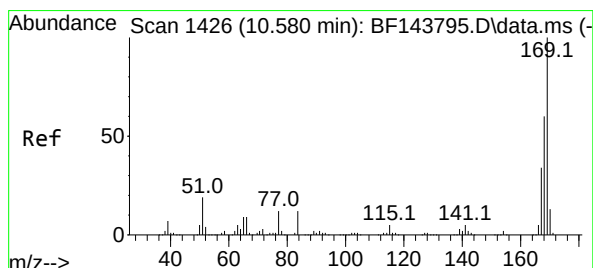
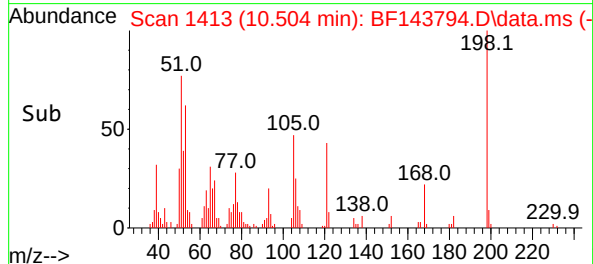
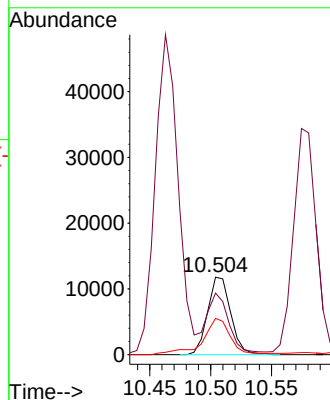
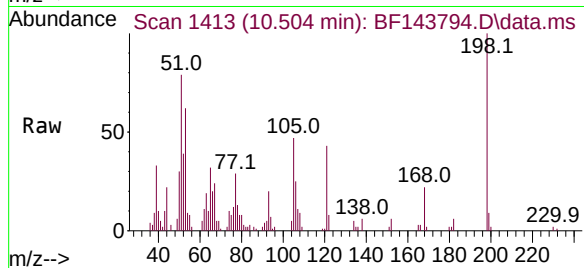
#65
4,6-Dinitro-2-methylphenol
Concen: 17.632 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Instrument :
BNA_F
Client Sample Id :
SSTDICC020

Tgt Ion:198 Resp: 15499
Ion Ratio Lower Upper
198 100
51 79.4 52.0 92.0
105 46.7 27.5 67.5

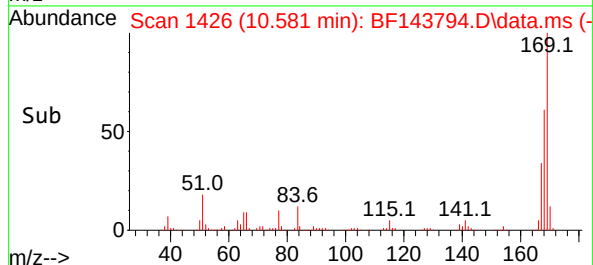
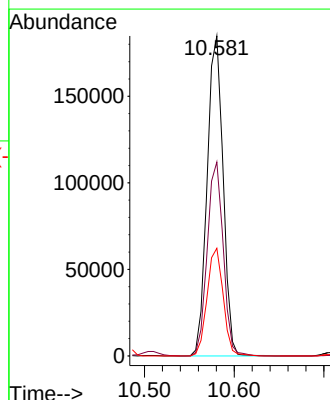
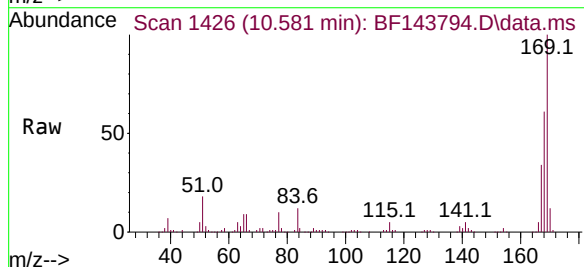
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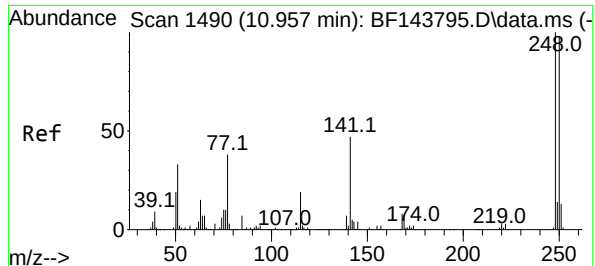
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 20.930 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

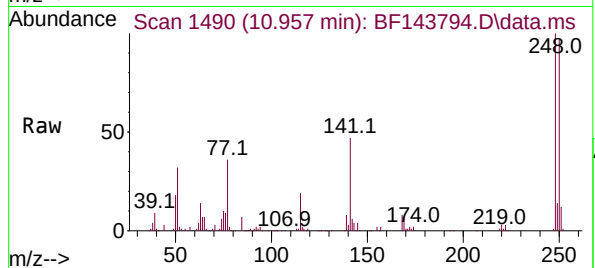
Tgt Ion:169 Resp: 228456
Ion Ratio Lower Upper
169 100
168 60.6 47.9 71.9
167 33.6 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 20.464 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

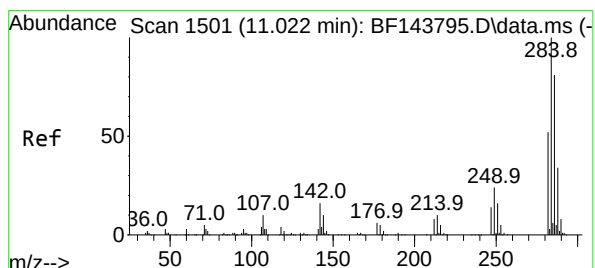
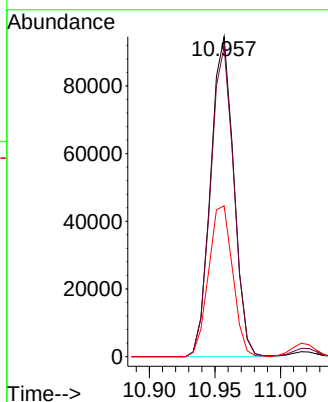
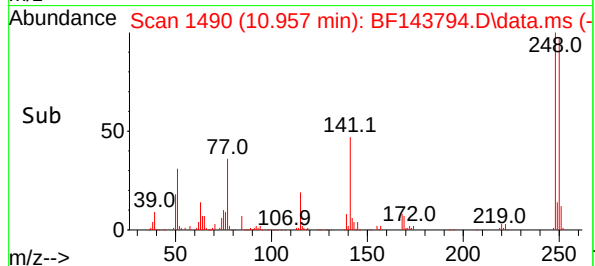
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



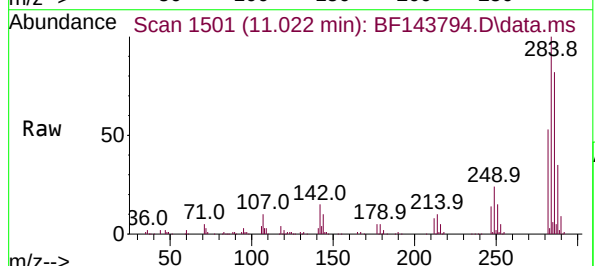
Tgt Ion:248 Resp: 115749
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 47.1 37.9 56.9

Manual Integrations
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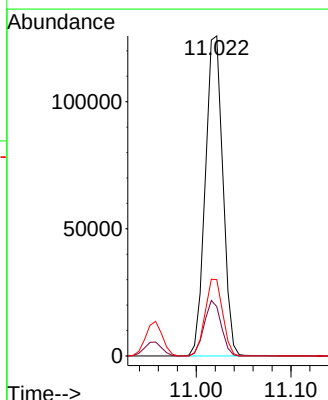
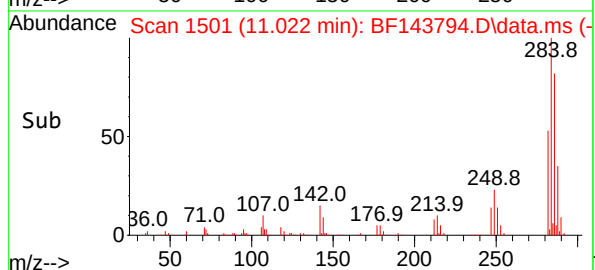
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

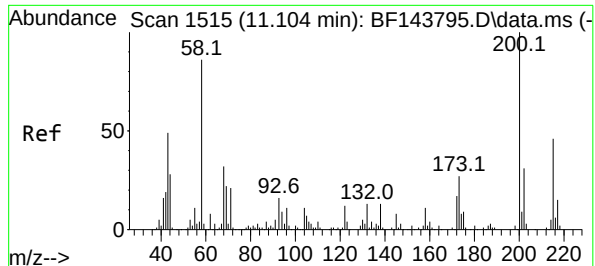


#68
Hexachlorobenzene
Concen: 20.797 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



Tgt Ion:284 Resp: 162113
Ion Ratio Lower Upper
284 100
142 15.4 13.1 19.7
249 23.8 19.5 29.3





#69

Atrazine

Concen: 20.747 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:200 Resp: 65580

Ion Ratio Lower Upper

200 100

173 27.1 7.2 47.2

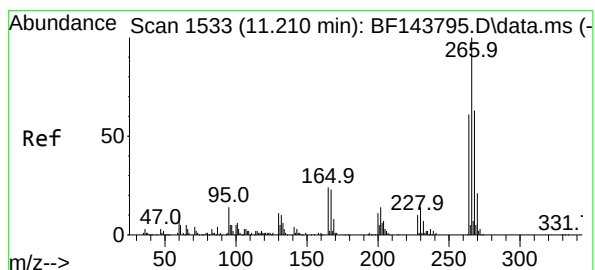
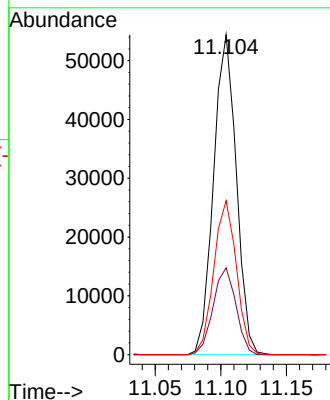
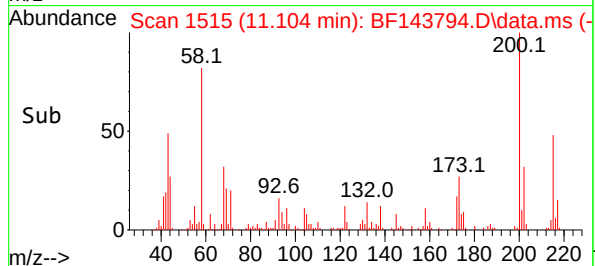
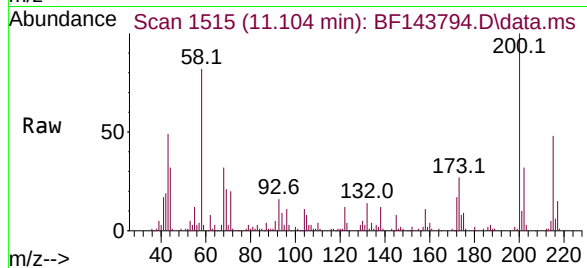
215 48.1 26.0 66.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

Concen: 18.449 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

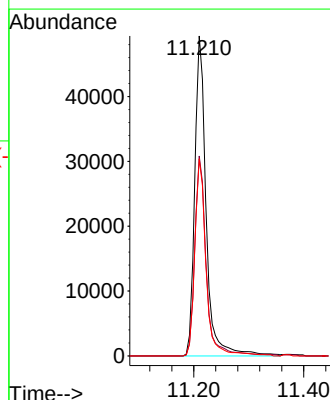
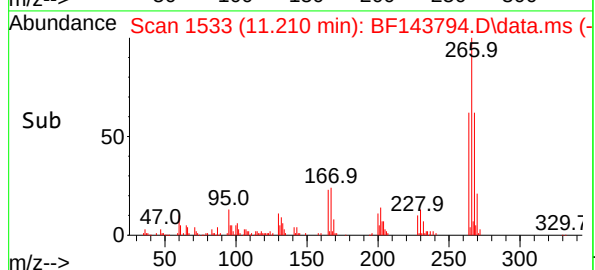
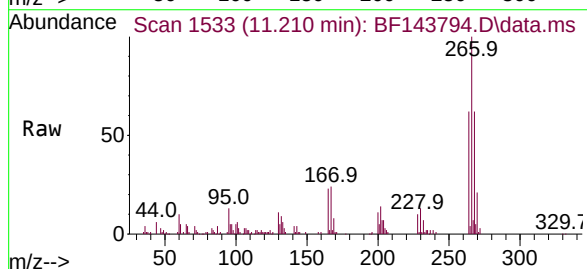
Tgt Ion:266 Resp: 71585

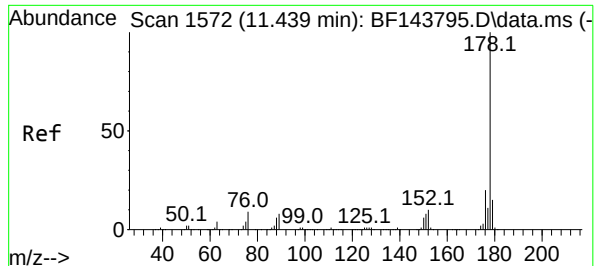
Ion Ratio Lower Upper

266 100

268 62.5 50.5 75.7

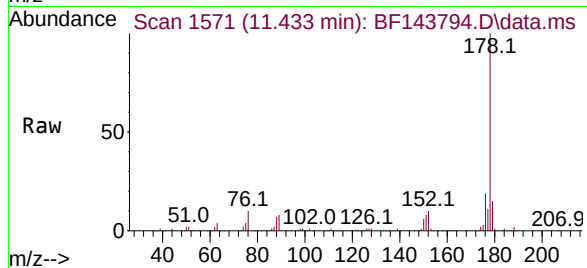
264 61.6 48.8 73.2





#71
Phenanthrene
Concen: 20.854 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

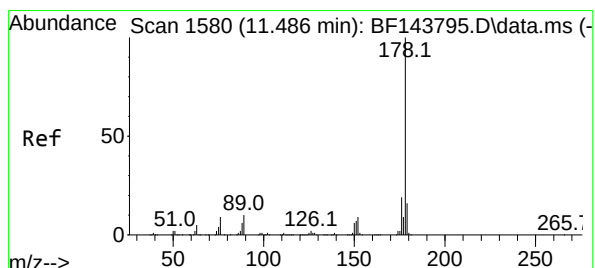
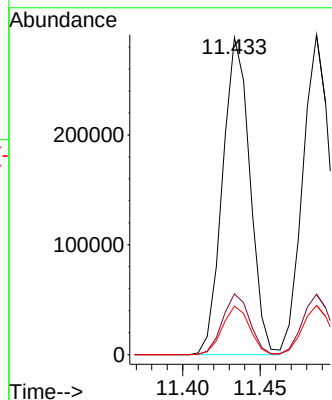
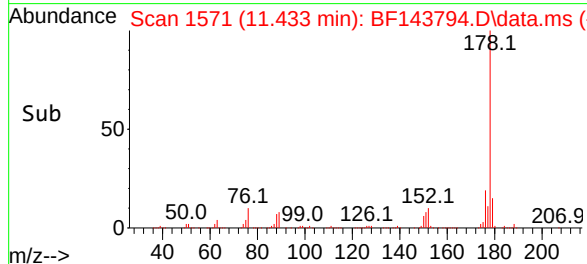
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 355364
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.3 12.2 18.4

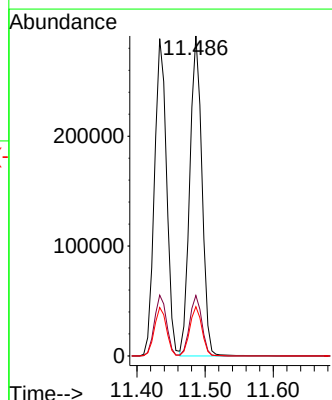
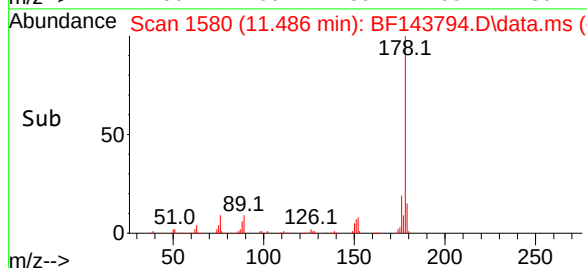
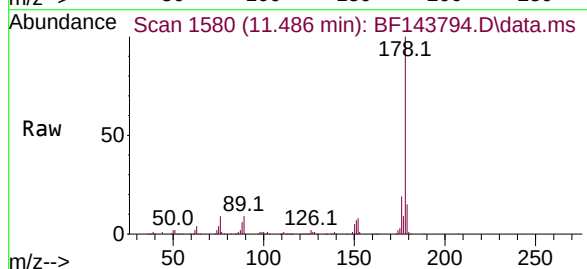
Manual Integrations
APPROVED

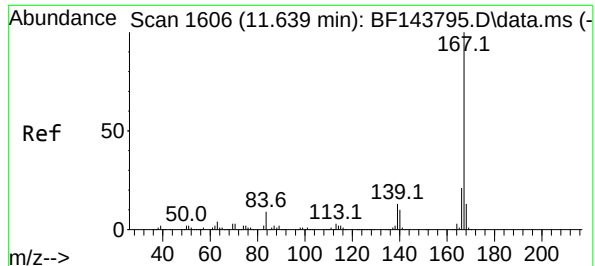
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#72
Anthracene
Concen: 21.135 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

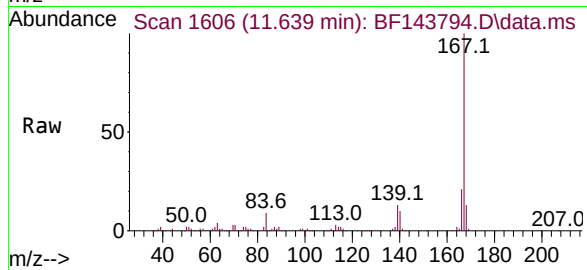
Tgt Ion:178 Resp: 361245
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.4 12.8 19.2





#73
 Carbazole
 Concen: 21.072 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF143794.D
 Acq: 23 Sep 2025 12:27

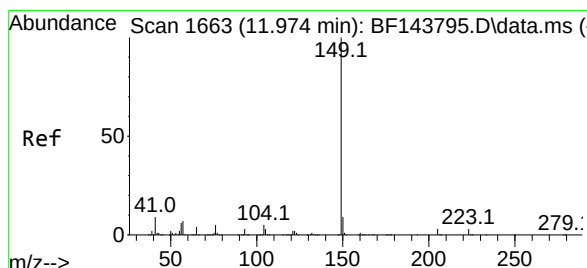
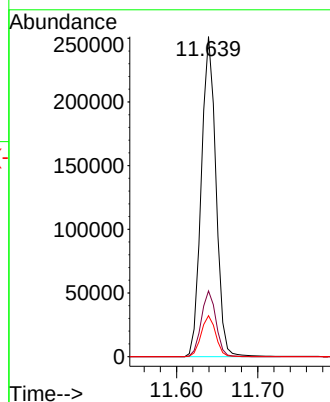
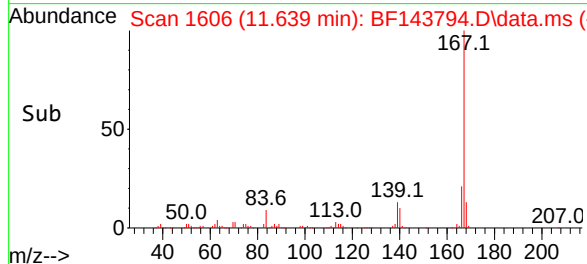
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020



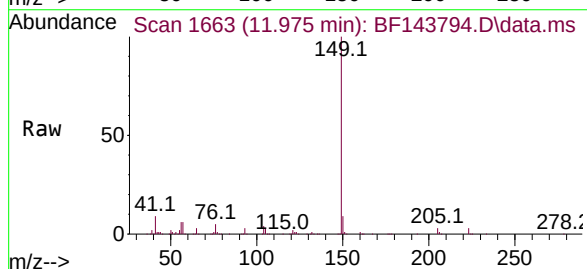
Tgt Ion:167 Resp: 314908
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.0 25.4
 139 12.8 10.6 15.8

Manual Integrations
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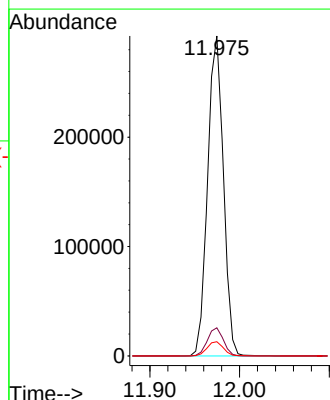
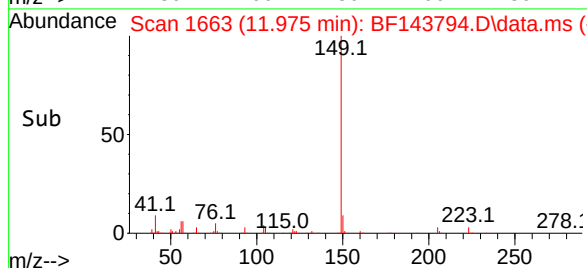
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

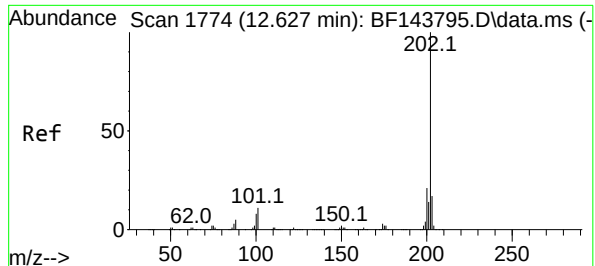


#74
 Di-n-butylphthalate
 Concen: 20.764 ng
 RT: 11.975 min Scan# 1663
 Delta R.T. 0.000 min
 Lab File: BF143794.D
 Acq: 23 Sep 2025 12:27



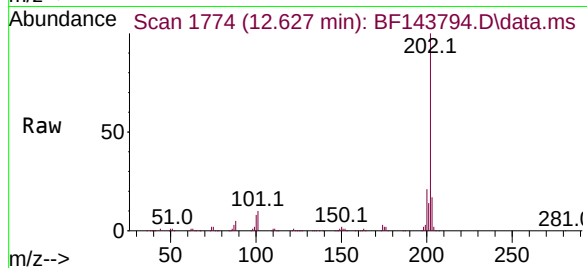
Tgt Ion:149 Resp: 356883
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 21.284 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

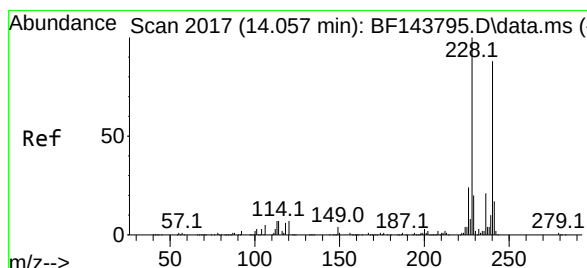
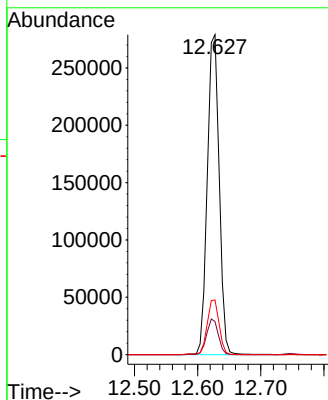
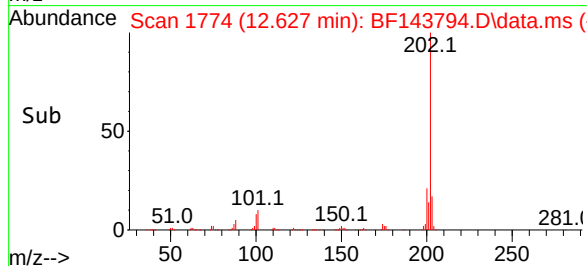
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



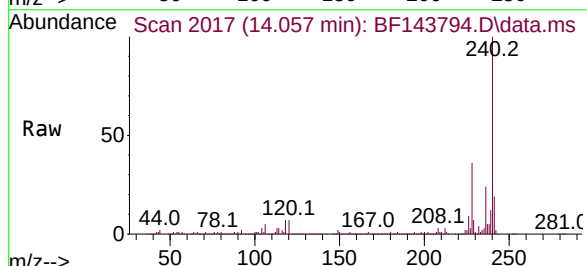
Tgt Ion:202 Resp: 364772
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.1
203 17.1 0.0 37.4

Manual Integrations
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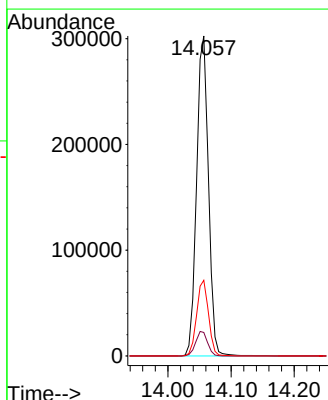
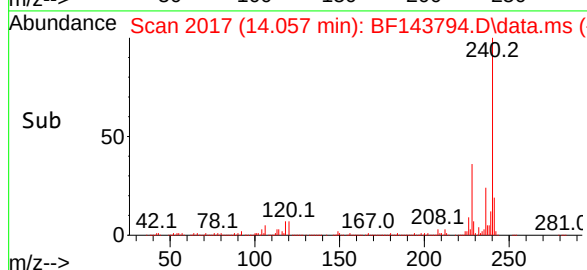
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

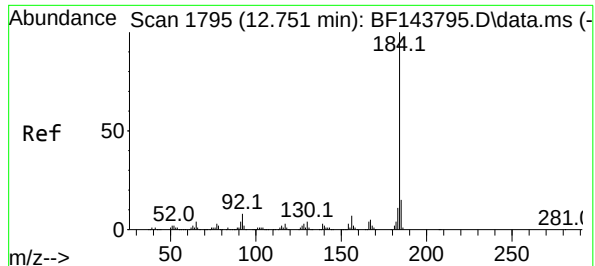


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



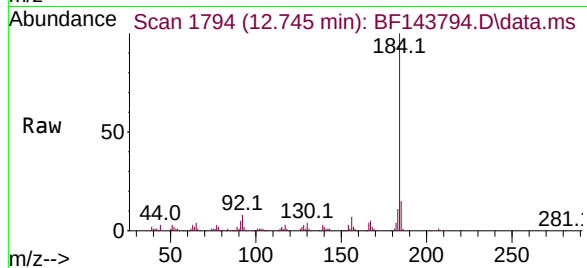
Tgt Ion:240 Resp: 394143
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 23.6 19.4 29.2





#77
Benzidine
Concen: 18.220 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

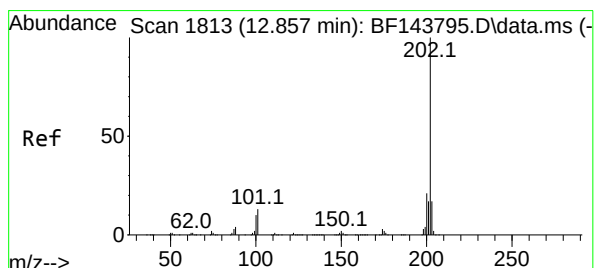
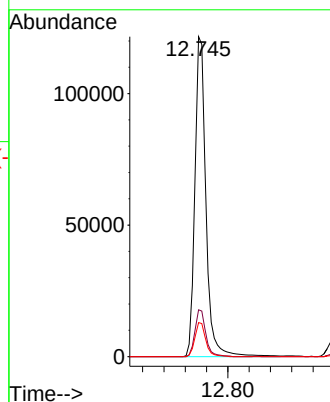
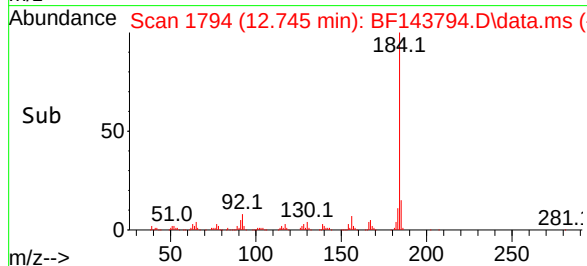
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:184 Resp: 174994
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 10.6 8.6 13.0

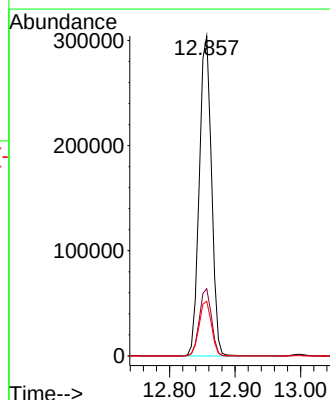
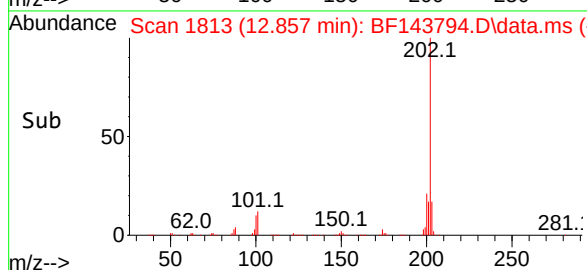
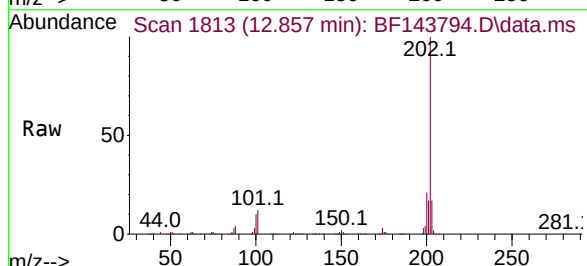
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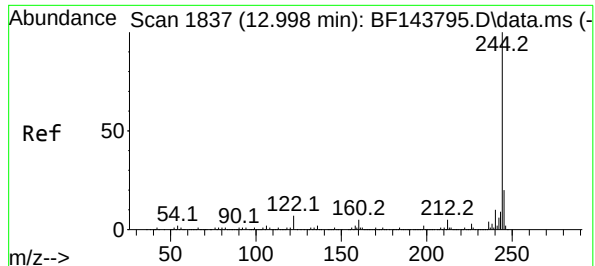
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 20.153 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:202 Resp: 390517
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.1 13.9 20.9





#79

Terphenyl-d14

Concen: 39.771 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143794.D

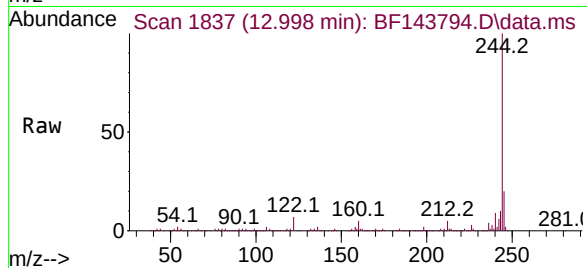
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:244 Resp: 798420

Ion Ratio Lower Upper

244 100

212 4.7 3.9 5.9

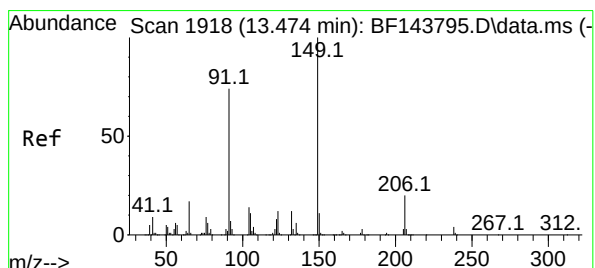
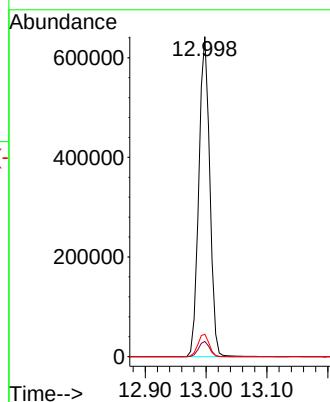
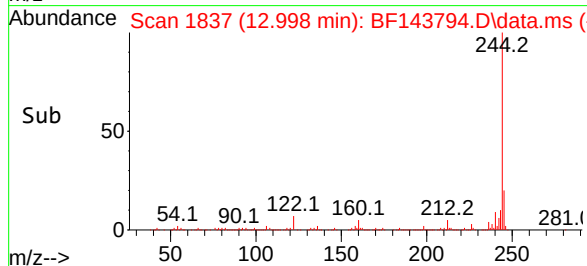
122 7.0 5.6 8.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#80

Butylbenzylphthalate

Concen: 19.666 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

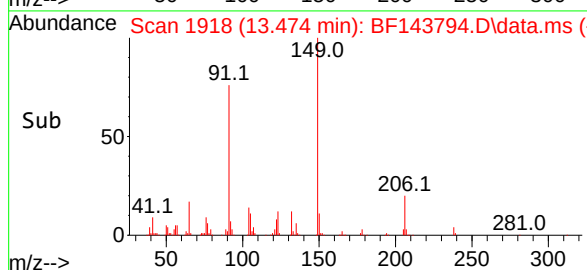
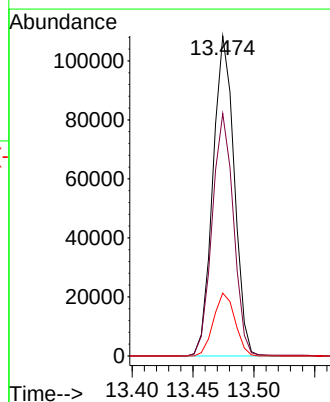
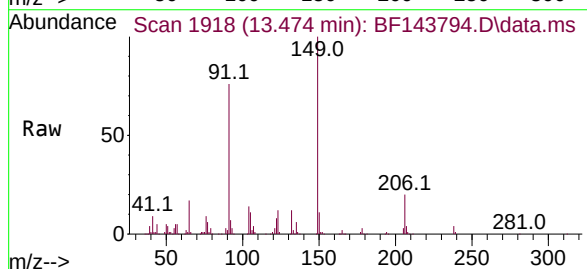
Tgt Ion:149 Resp: 131846

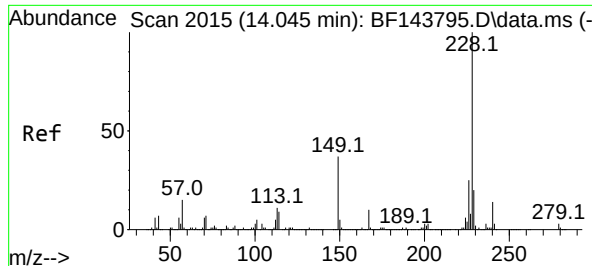
Ion Ratio Lower Upper

149 100

91 75.7 59.5 89.3

206 19.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 20.153 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143794.D

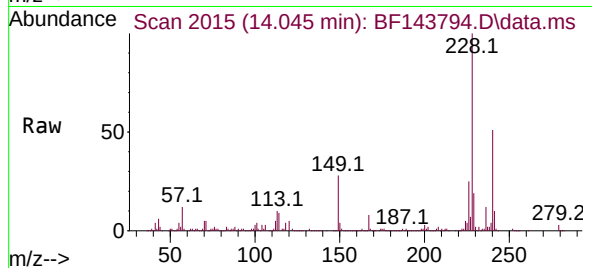
Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:228 Resp: 426715

Ion Ratio Lower Upper

228 100

226 25.0 20.2 30.2

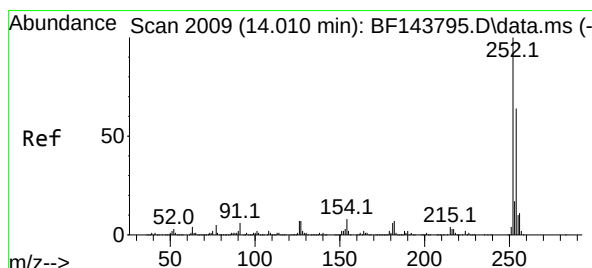
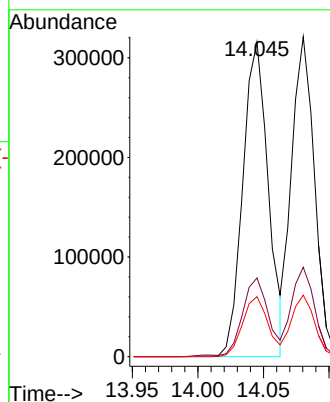
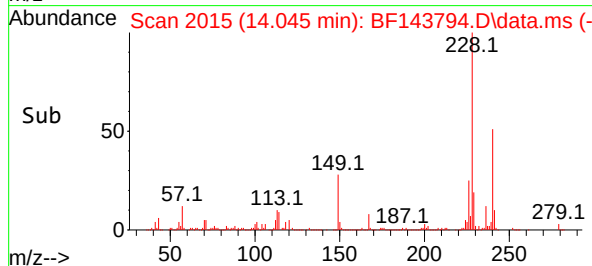
229 19.0 16.1 24.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#82

3,3'-Dichlorobenzidine

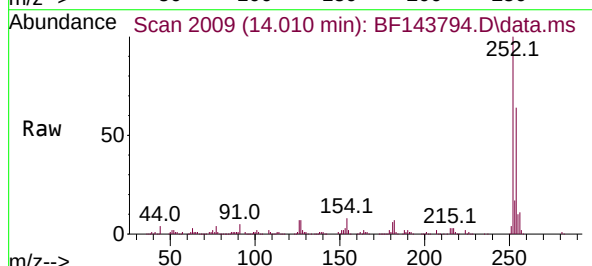
Concen: 19.974 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27



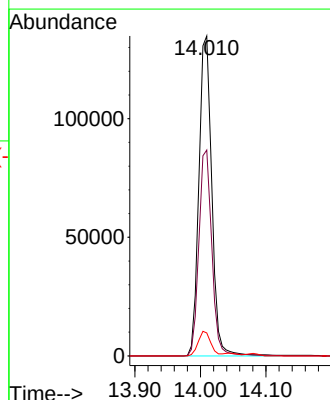
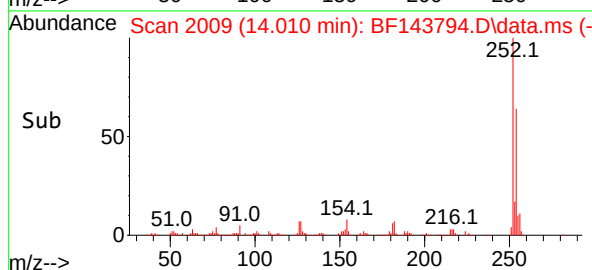
Tgt Ion:252 Resp: 183227

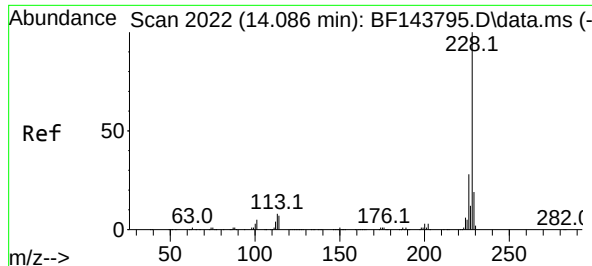
Ion Ratio Lower Upper

252 100

254 64.3 51.5 77.3

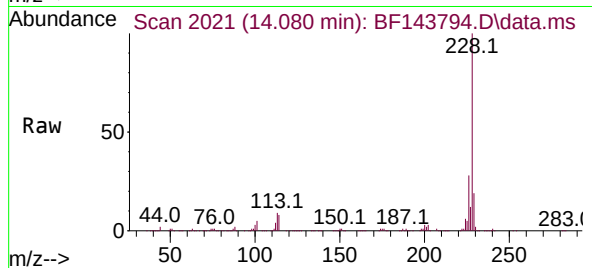
126 7.2 5.4 8.2





#83
Chrysene
Concen: 20.482 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

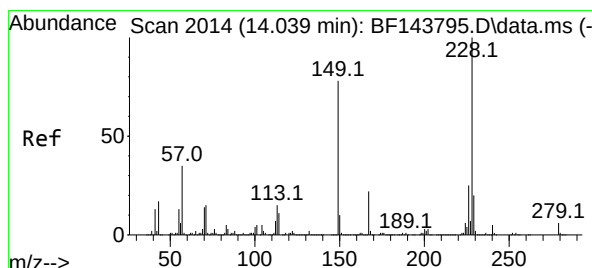
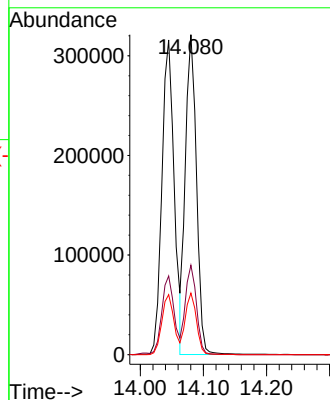
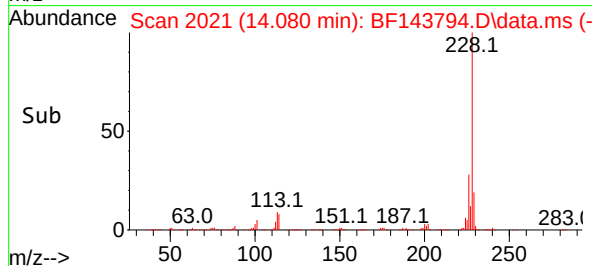
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:228 Resp: 392431
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.2 15.6 23.4

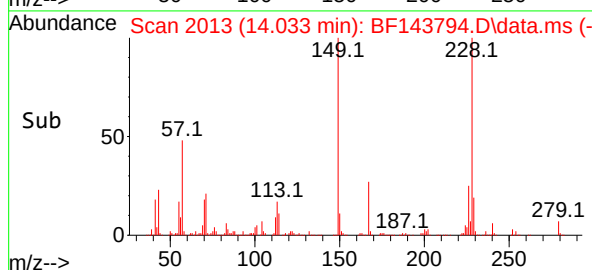
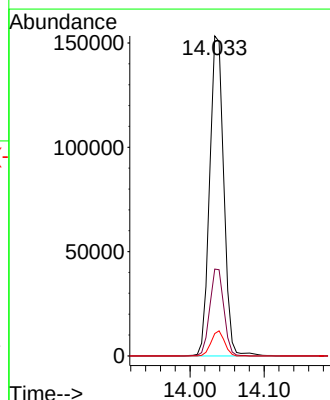
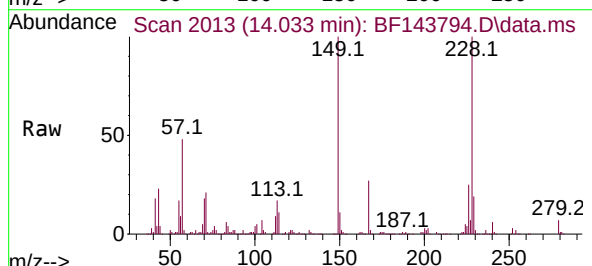
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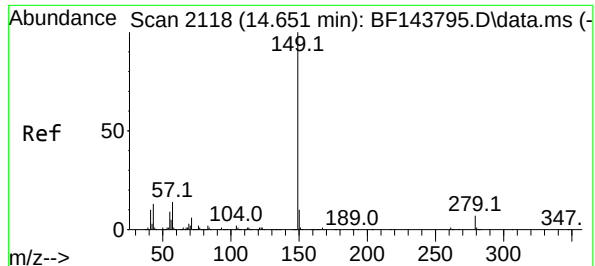
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 20.620 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

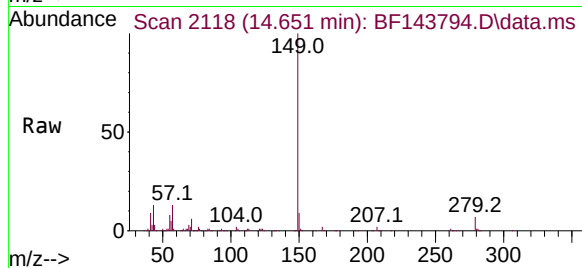
Tgt Ion:149 Resp: 202632
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.2
279 7.0 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 19.397 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

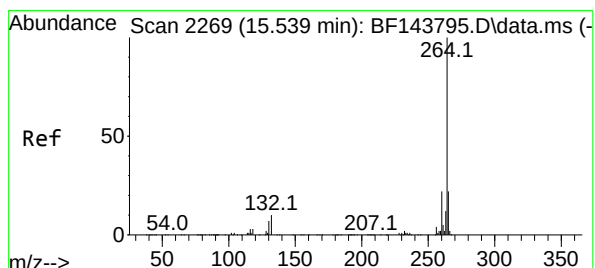
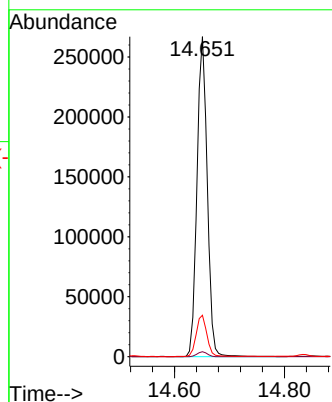
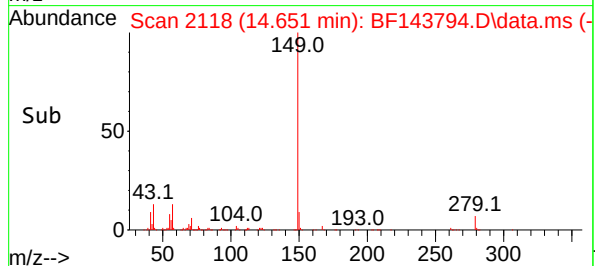
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



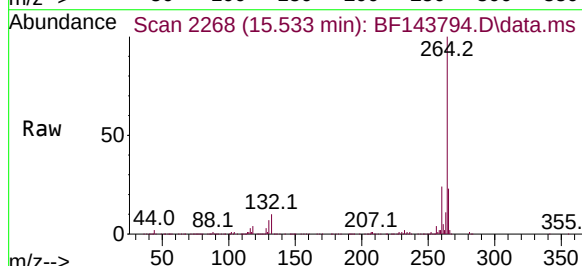
Tgt Ion:149 Resp: 345751
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.6 10.7 16.1

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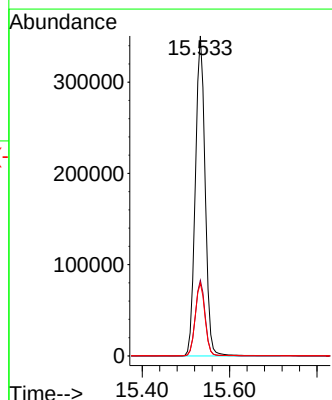
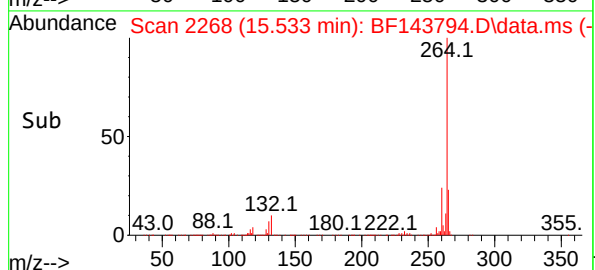
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

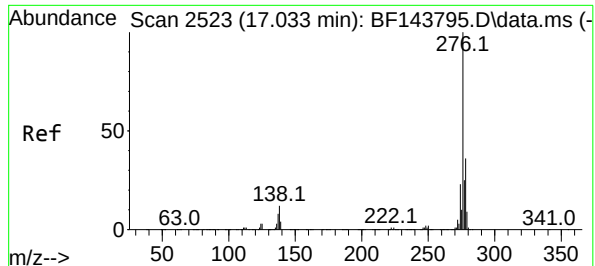


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27



Tgt Ion:264 Resp: 545751
Ion Ratio Lower Upper
264 100
260 23.6 17.9 26.9
265 22.7 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.824 ng

RT: 17.021 min Scan# 2194

Delta R.T. -0.023 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 862284

Ion Ratio Lower Upper

276 100

138 13.4 10.6 15.8

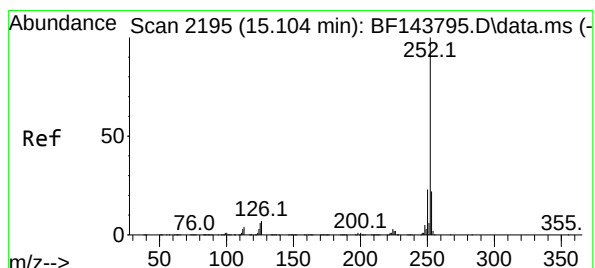
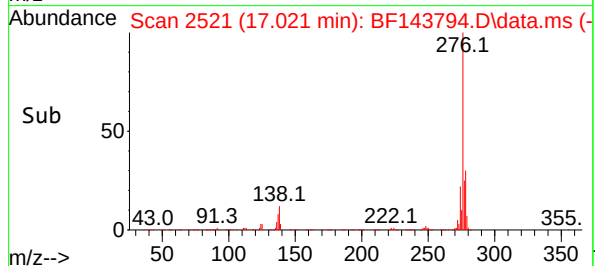
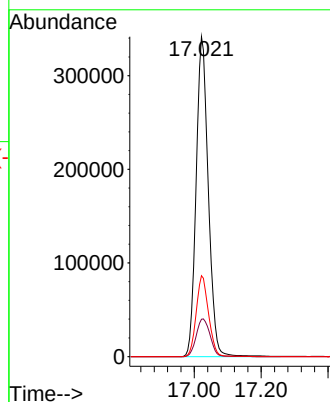
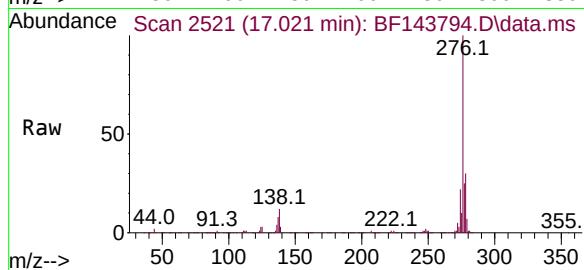
277 25.7 20.7 31.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#88

Benzo(b)fluoranthene

Concen: 20.215 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

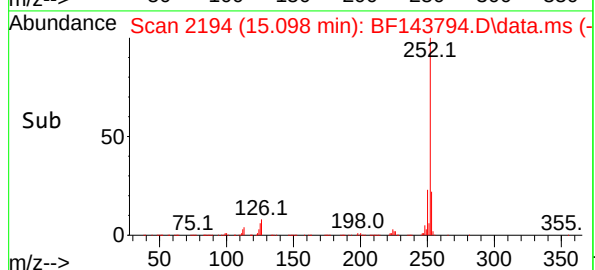
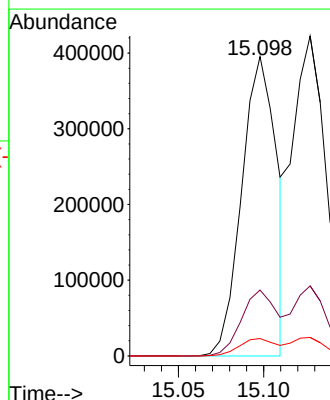
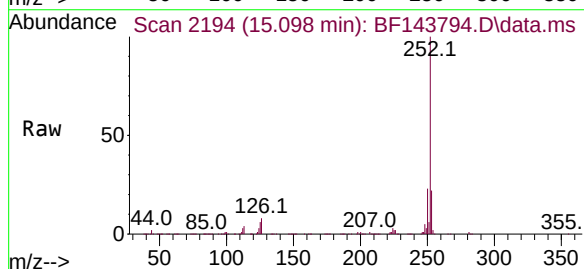
Tgt Ion:252 Resp: 561825

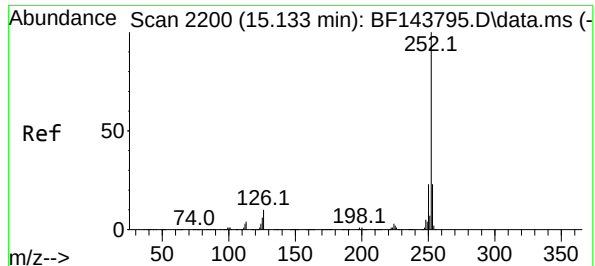
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 5.8 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 21.102 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 58920

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

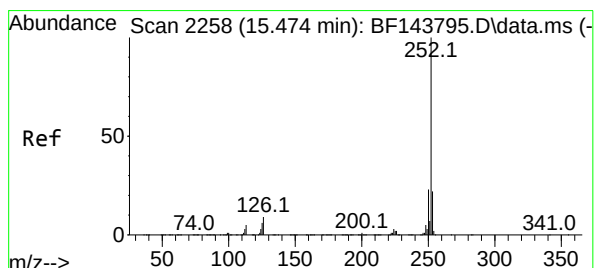
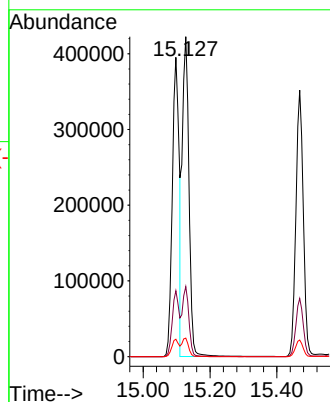
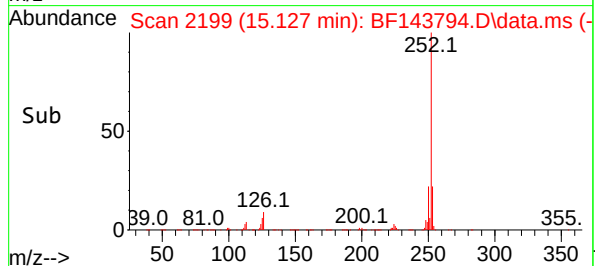
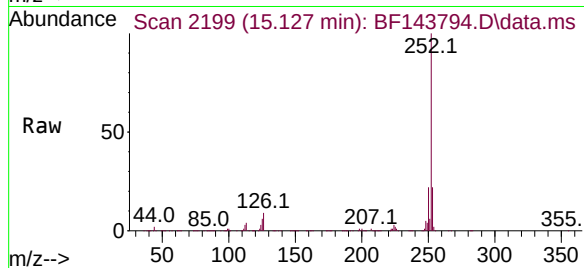
125 5.8 4.6 6.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 20.654 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF143794.D

Acq: 23 Sep 2025 12:27

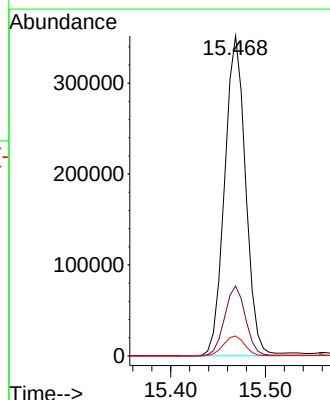
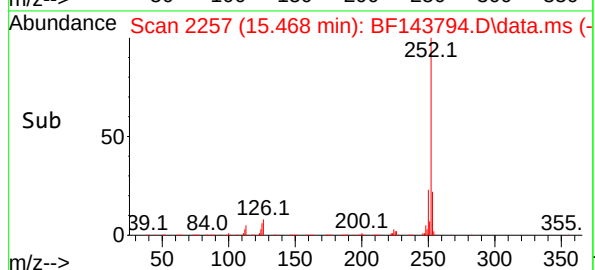
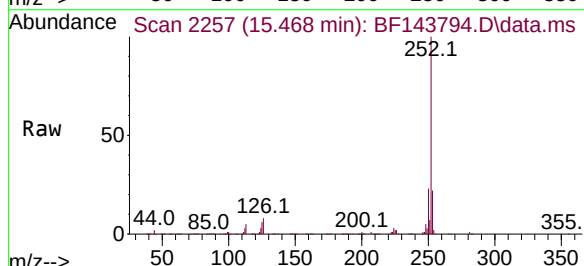
Tgt Ion:252 Resp: 539579

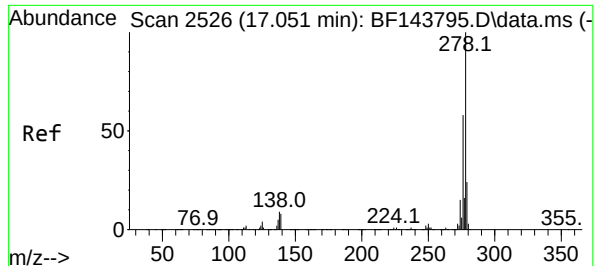
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

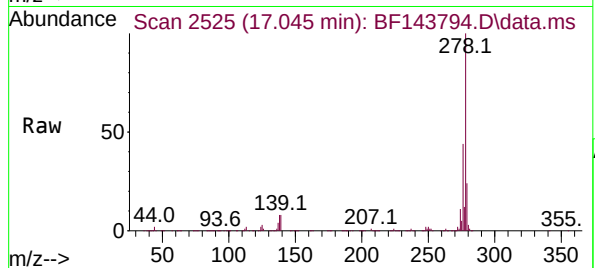
125 6.2 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 20.980 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

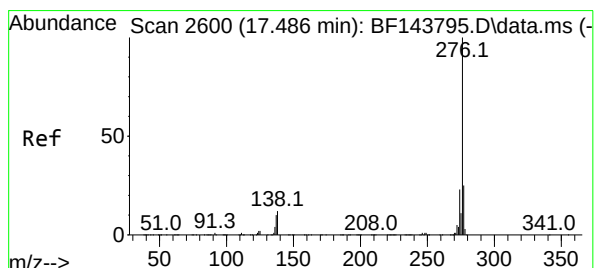
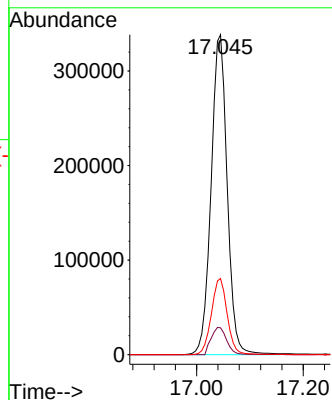
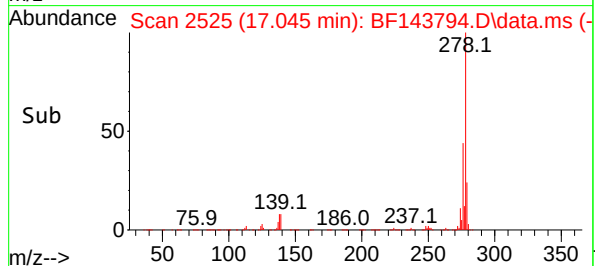
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 710542
Ion Ratio Lower Upper
278 100
139 8.4 6.7 10.1
279 23.8 19.3 28.9

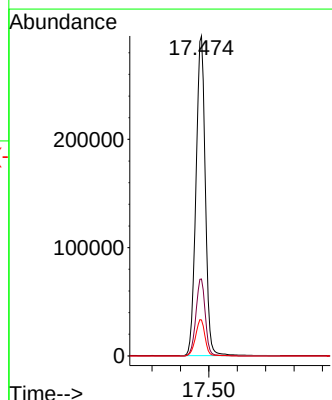
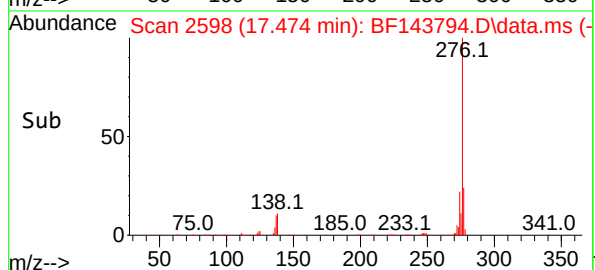
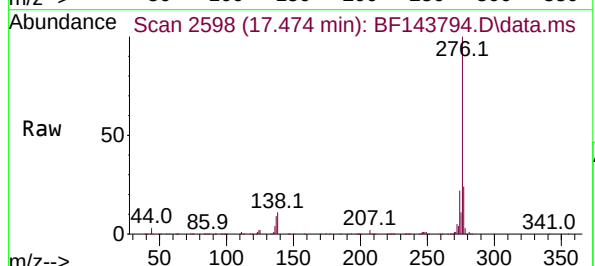
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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 20.621 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.029 min
Lab File: BF143794.D
Acq: 23 Sep 2025 12:27

Tgt Ion:276 Resp: 673228
Ion Ratio Lower Upper
276 100
277 24.1 19.6 29.4
138 11.2 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143795.D
 Acq On : 23 Sep 2025 13:59
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
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Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	113314	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	405913	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	195477	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	304940	20.000	ng	0.00
76) Chrysene-d12	14.057	240	365989	20.000	ng	0.00
86) Perylene-d12	15.539	264	525577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	602322	85.545	ng	0.00
7) Phenol-d6	6.504	99	690438	83.097	ng	0.00
23) Nitrobenzene-d5	7.445	82	573383	88.897	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	256232	91.848	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1056299	79.854	ng	0.00
79) Terphenyl-d14	12.998	244	1496108	80.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	144938	43.417	ng	100
3) Pyridine	3.399	79	390716	43.360	ng	100
4) n-Nitrosodimethylamine	3.340	42	192963	42.707	ng	100
6) Aniline	6.545	93	486101	41.561	ng	100
8) 2-Chlorophenol	6.669	128	302589	42.379	ng	100
9) Benzaldehyde	6.434	77	332514	47.119	ng	100
10) Phenol	6.516	94	396049m	42.282	ng	
11) bis(2-Chloroethyl)ether	6.616	93	309829	42.197	ng	100
12) 1,3-Dichlorobenzene	6.828	146	350005	42.220	ng	100
13) 1,4-Dichlorobenzene	6.904	146	348233	42.092	ng	100
14) 1,2-Dichlorobenzene	7.057	146	328481	41.922	ng	100
15) Benzyl Alcohol	7.022	79	246535	42.340	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	732266	42.058	ng	100
17) 2-Methylphenol	7.128	107	231425	41.866	ng	100
18) Hexachloroethane	7.398	117	123042	42.290	ng	100
19) n-Nitroso-di-n-propyla...	7.292	70	207240	39.992	ng	100
20) 3+4-Methylphenols	7.281	107	288081	42.795	ng	100
22) Acetophenone	7.292	105	375588	42.128	ng	100
24) Nitrobenzene	7.463	77	315613	42.939	ng	100
25) Isophorone	7.704	82	546218	42.269	ng	100
26) 2-Nitrophenol	7.781	139	120369	40.347	ng	100
27) 2,4-Dimethylphenol	7.810	122	246324	42.648	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	354402	42.213	ng	100
29) 2,4-Dichlorophenol	8.022	162	242031	42.587	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	250976	42.554	ng	100
31) Naphthalene	8.192	128	814068	41.894	ng	100
32) Benzoic acid	7.892	122	114033	40.921	ng	100
33) 4-Chloroaniline	8.233	127	288280	42.217	ng	100
34) Hexachlorobutadiene	8.310	225	188867	42.957	ng	100
35) Caprolactam	8.586	113	60592	41.712	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	224136	42.051	ng	100
37) 2-Methylnaphthalene	8.881	142	515616	41.614	ng	100
38) 1-Methylnaphthalene	8.981	142	496939	41.901	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	245432	41.605	ng	100
41) Hexachlorocyclopentadiene	9.033	237	163505	43.733	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	164818	44.620	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143795.D
 Acq On : 23 Sep 2025 13:59
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	165369	42.801	ng	100
46) 1,1'-Biphenyl	9.345	154	584522	41.309	ng	100
47) 2-Chloronaphthalene	9.369	162	474899	41.694	ng	100
48) 2-Nitroaniline	9.463	65	156231	45.383	ng	100
49) Acenaphthylene	9.786	152	660923	42.150	ng	100
50) Dimethylphthalate	9.639	163	502623	42.186	ng	100
51) 2,6-Dinitrotoluene	9.704	165	89151	45.543	ng	100
52) Acenaphthene	9.957	154	433748	42.036	ng	100
53) 3-Nitroaniline	9.869	138	110739	46.671	ng	100
54) 2,4-Dinitrophenol	9.975	184	24685	41.301	ng	100
55) Dibenzofuran	10.128	168	610393	41.833	ng	100
56) 4-Nitrophenol	10.016	139	81189	42.462	ng	100
57) 2,4-Dinitrotoluene	10.104	165	120114	41.745	ng	100
58) Fluorene	10.475	166	448265	41.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	145681	44.013	ng	100
60) Diethylphthalate	10.345	149	473302	42.438	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	230643	41.729	ng	100
62) 4-Nitroaniline	10.480	138	103193	46.254	ng	100
63) Azobenzene	10.627	77	499929	42.532	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	42447	40.163	ng	100
66) n-Nitrosodiphenylamine	10.580	169	416100	41.492	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	219921	42.319	ng	100
68) Hexachlorobenzene	11.022	284	300364	41.941	ng	100
69) Atrazine	11.104	200	128423	44.222	ng	100
70) Pentachlorophenol	11.210	266	156073	43.781	ng	100
71) Phenanthrene	11.439	178	660040	42.160	ng	100
72) Anthracene	11.486	178	660736	42.075	ng	100
73) Carbazole	11.639	167	595454	43.368	ng	100
74) Di-n-butylphthalate	11.974	149	705755	44.694	ng	100
75) Fluoranthene	12.627	202	697899	44.322	ng	100
77) Benzidine	12.751	184	374182	41.956	ng	100
78) Pyrene	12.857	202	735401	40.870	ng	100
80) Butylbenzylphthalate	13.474	149	286527	46.027	ng	100
81) Benzo(a)anthracene	14.045	228	840188	42.732	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	363730	42.702	ng	100
83) Chrysene	14.086	228	744962	41.873	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	408417	44.759	ng	100
85) Di-n-octyl phthalate	14.651	149	741702	44.811	ng	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	1690390	42.389	ng	100
88) Benzo(b)fluoranthene	15.104	252	1160651	43.365	ng	100
89) Benzo(k)fluoranthene	15.133	252	1144789	42.573	ng	100
90) Benzo(a)pyrene	15.474	252	1079512	42.908	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1399884	42.920	ng	100
92) Benzo(g,h,i)perylene	17.486	276	1344334	42.757	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

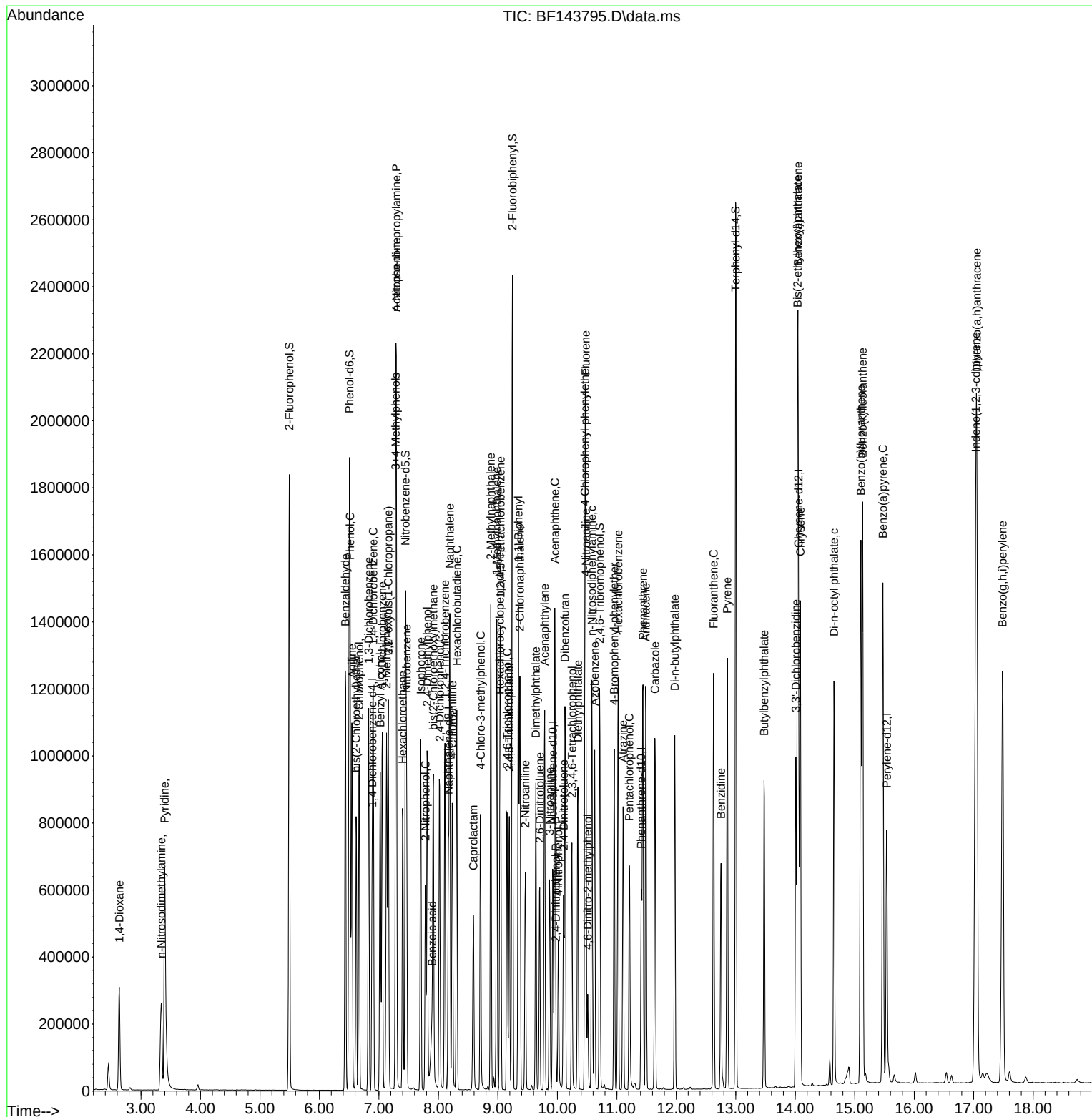
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Acq On : 23 Sep 2025 13:59
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

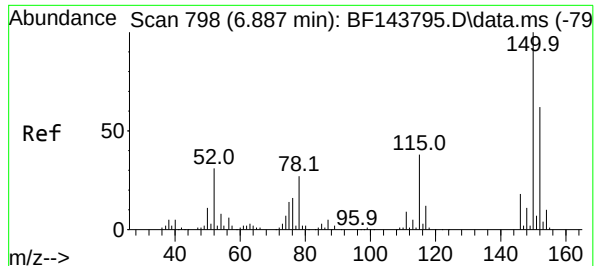
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BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

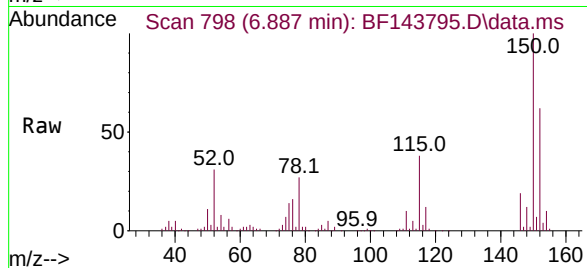
Quant Time: Sep 23 17:06:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

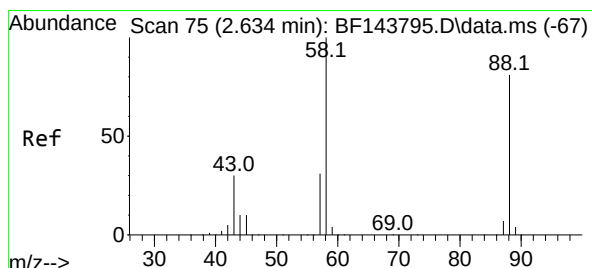
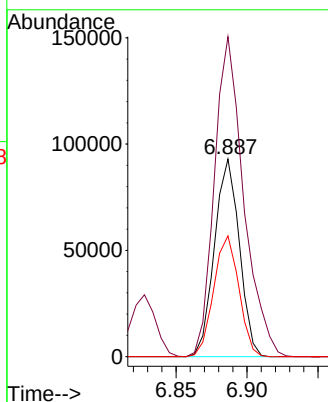
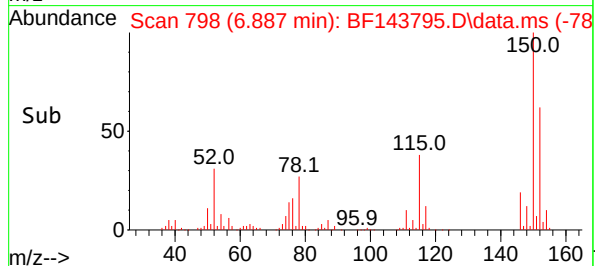
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:152 Resp: 113314
Ion Ratio Lower Upper
152 100
150 162.0 129.6 194.4
115 61.2 49.0 73.4

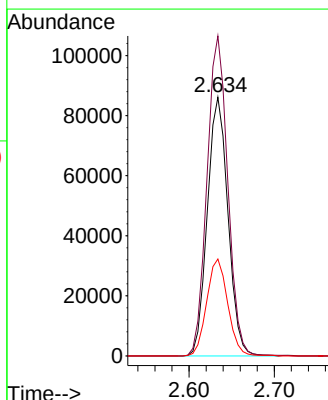
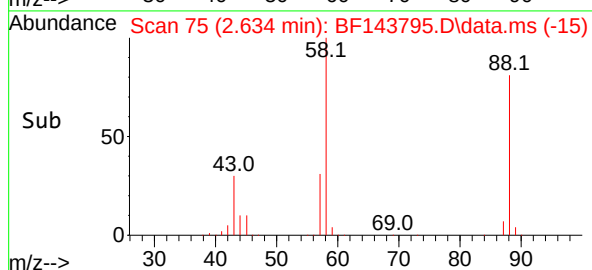
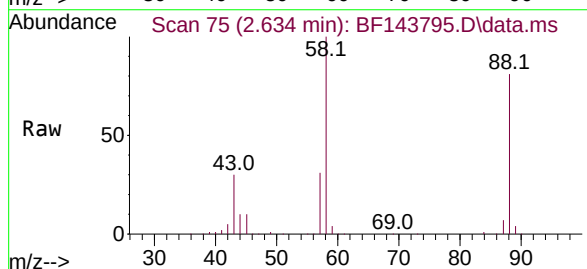
Manual Integrations
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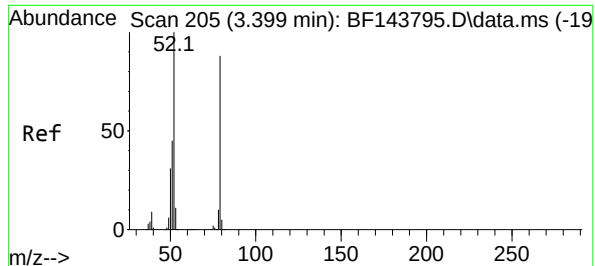
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 43.417 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

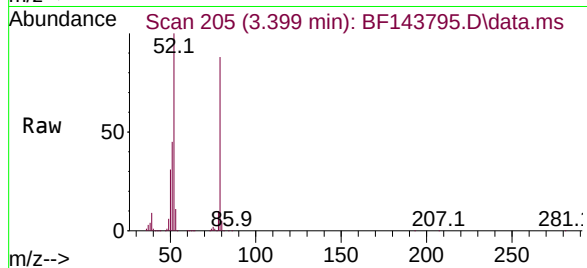
Tgt Ion: 88 Resp: 144938
Ion Ratio Lower Upper
88 100
58 124.3 99.4 149.2
43 38.2 30.6 45.8





#3
Pyridine
Concen: 43.360 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

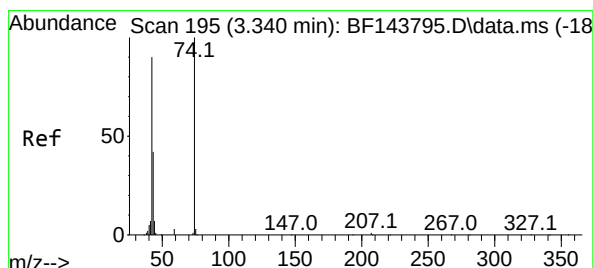
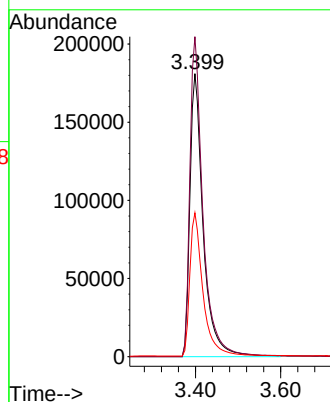
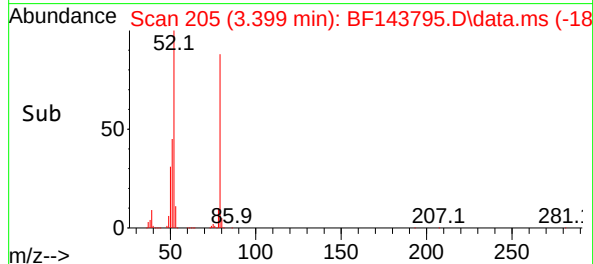
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 390716
Ion Ratio Lower Upper
79 100
52 113.1 90.5 135.7
51 50.8 40.6 61.0

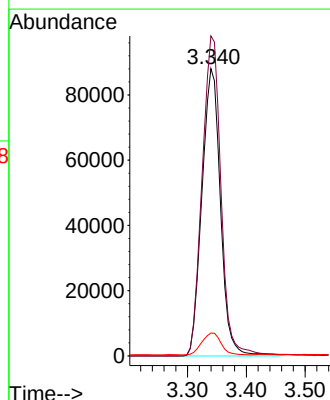
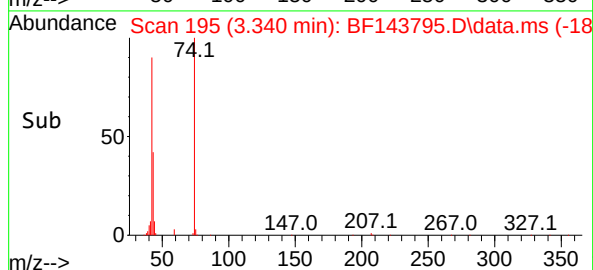
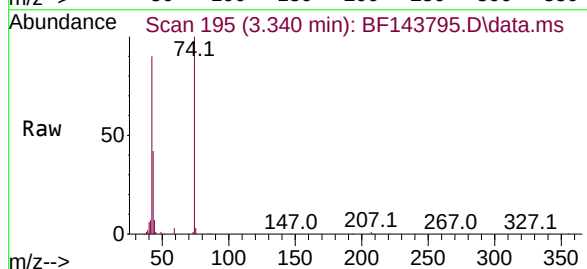
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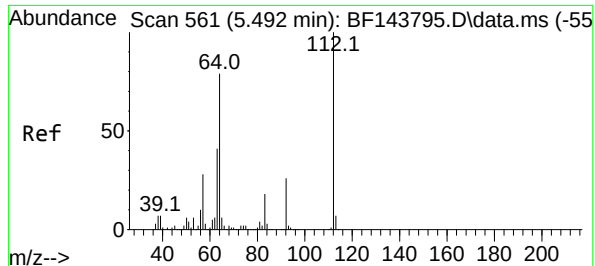
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 42.707 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

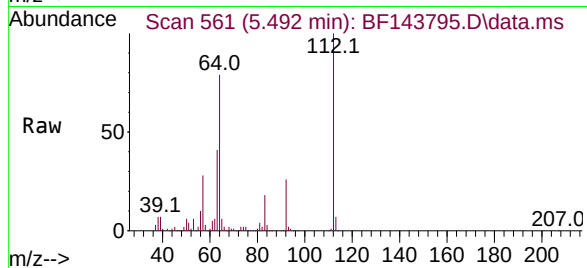
Tgt Ion: 42 Resp: 192963
Ion Ratio Lower Upper
42 100
74 111.4 89.1 133.7
44 8.0 6.4 9.6





#5
2-Fluorophenol
Concen: 85.545 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

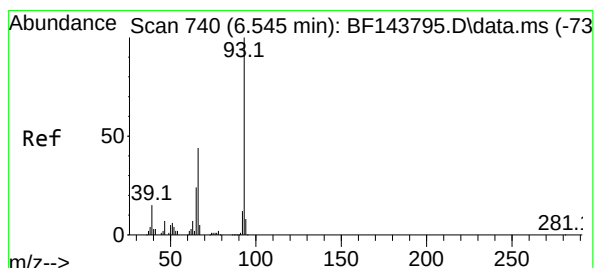
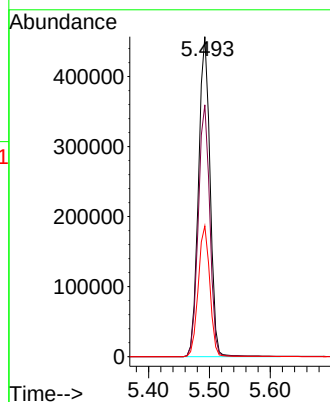
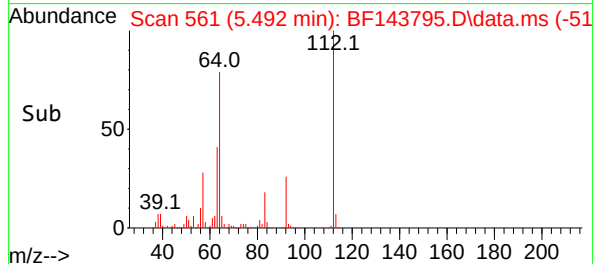
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 602322
Ion Ratio Lower Upper
112 100
64 78.7 63.0 94.4
63 40.8 32.6 49.0

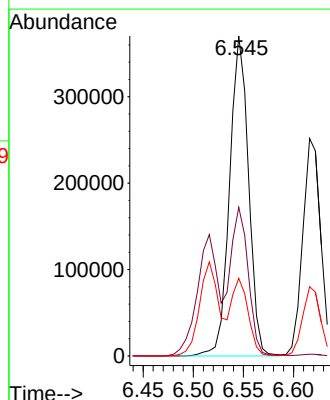
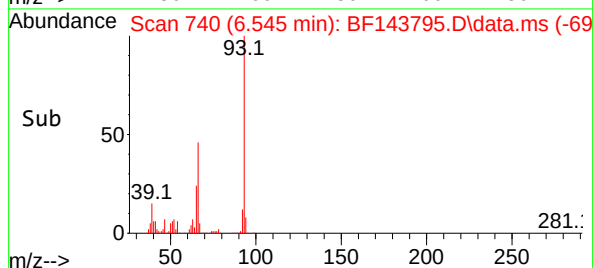
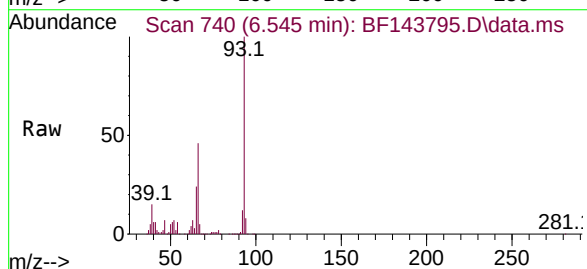
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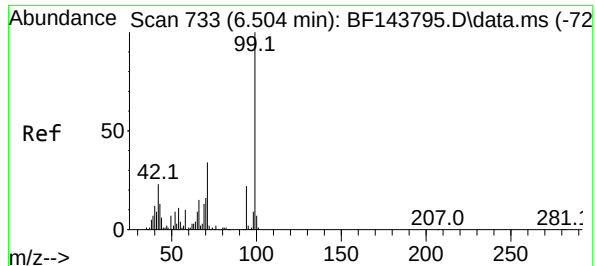
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 41.561 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 93 Resp: 486101
Ion Ratio Lower Upper
93 100
66 46.4 37.1 55.7
65 24.2 19.4 29.0





#7

Phenol-d6

Concen: 83.097 ng

RT: 6.504 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 99 Resp: 690438

Ion Ratio Lower Upper

99 100

42 23.3 18.6 28.0

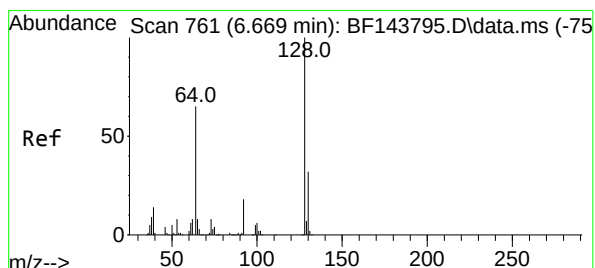
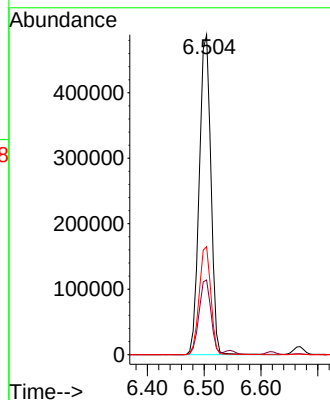
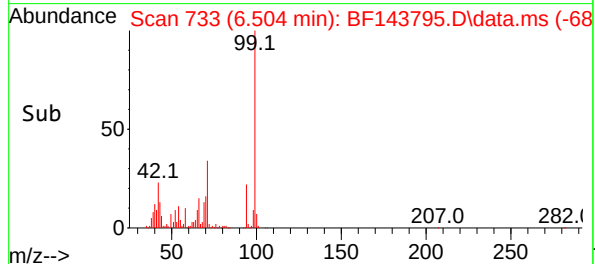
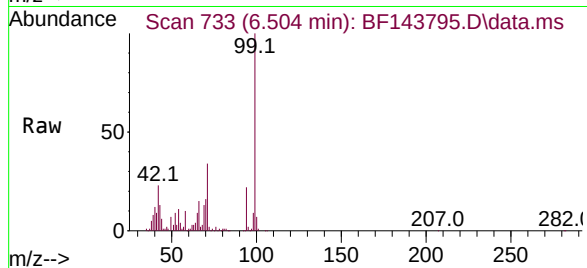
71 33.7 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#8

2-Chlorophenol

Concen: 42.379 ng

RT: 6.669 min Scan# 761

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

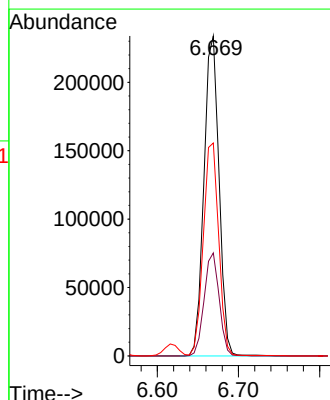
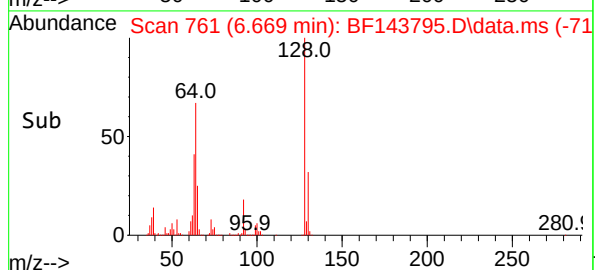
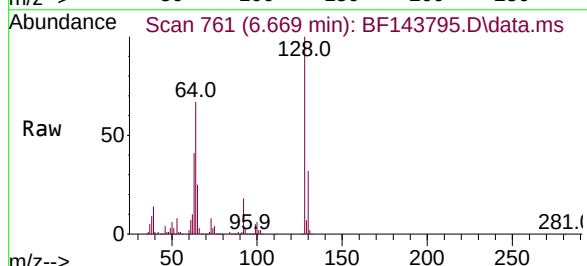
Tgt Ion:128 Resp: 302589

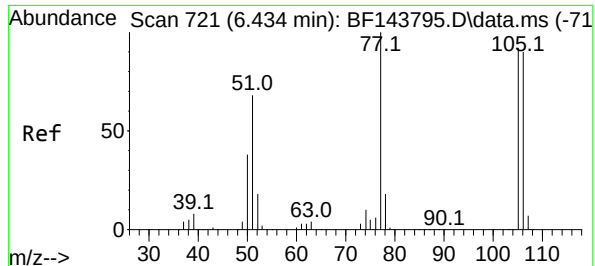
Ion Ratio Lower Upper

128 100

130 32.2 12.2 52.2

64 66.5 46.5 86.5





#9

Benzaldehyde

Concen: 47.119 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 332514

Ion Ratio Lower Upper

77 100

105 91.8 71.8 111.8

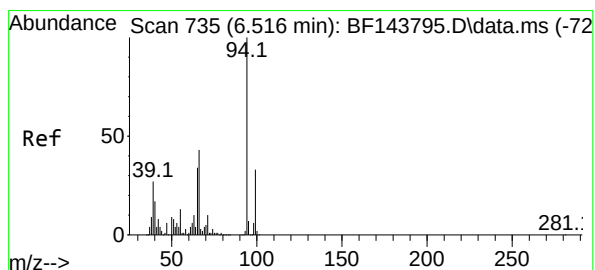
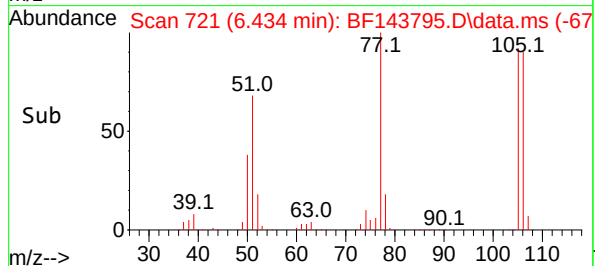
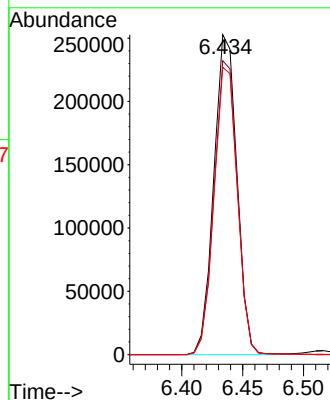
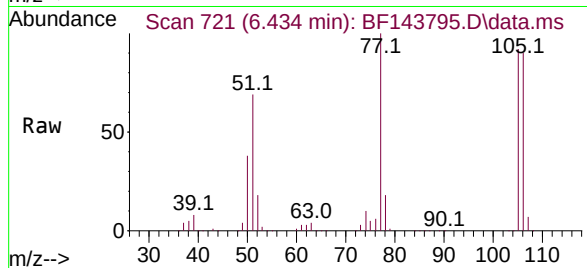
106 89.8 69.8 109.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#10

Phenol

Concen: 42.282 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

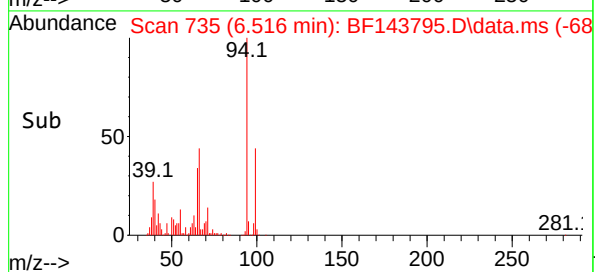
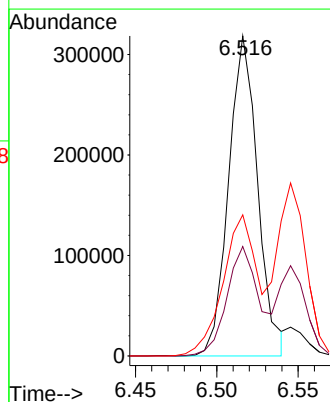
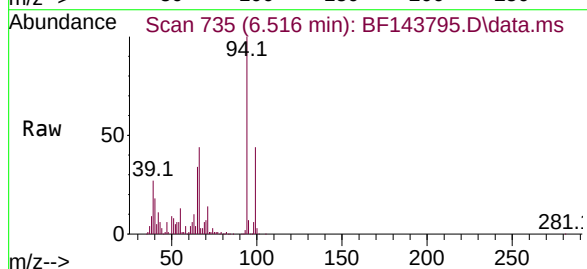
Tgt Ion: 94 Resp: 396049

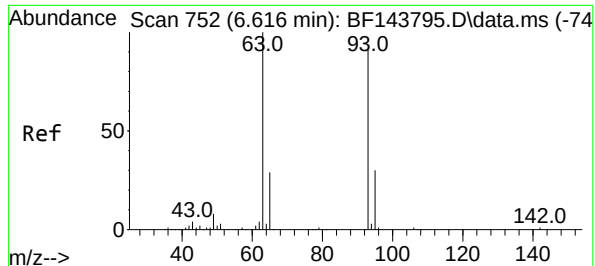
Ion Ratio Lower Upper

94 100

65 34.2 14.2 54.2

66 44.1 24.1 64.1





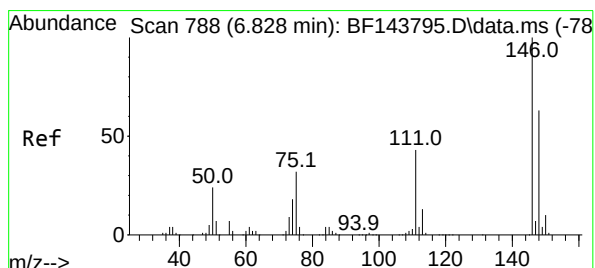
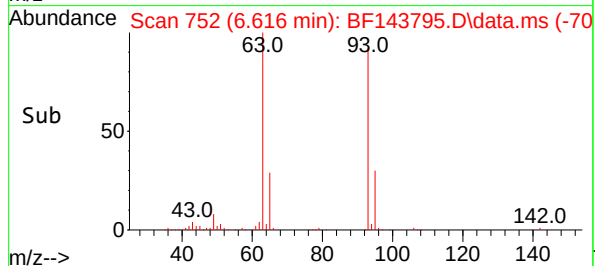
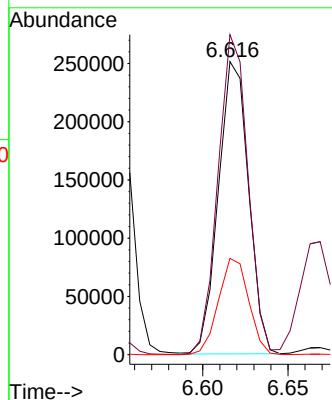
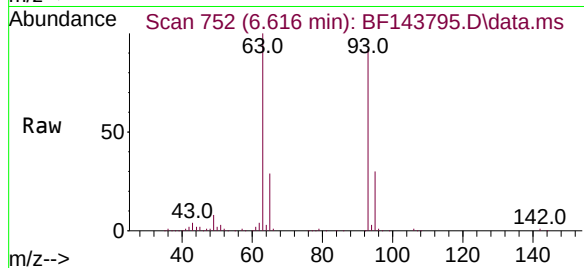
#11
bis(2-Chloroethyl)ether
Concen: 42.197 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
Client Sample Id :
SSTDICCC040

Tgt Ion: 93 Resp: 309829
Ion Ratio Lower Upper
93 100
63 109.2 89.2 129.2
95 32.9 12.9 52.9

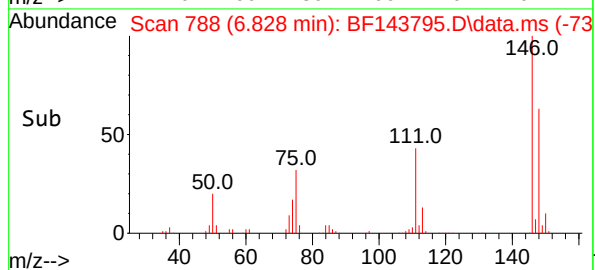
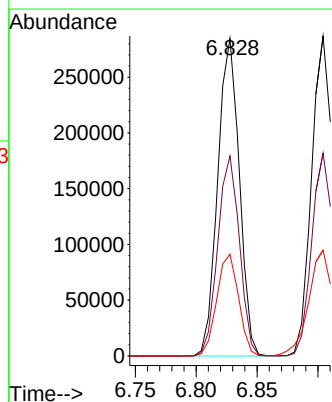
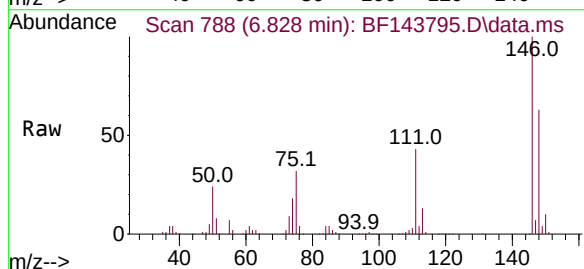
Manual Integrations
APPROVED

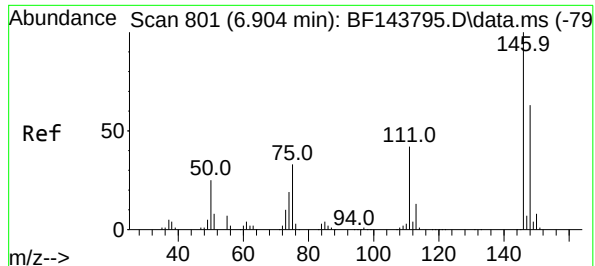
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#12
1,3-Dichlorobenzene
Concen: 42.220 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:146 Resp: 350005
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
75 32.0 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 42.092 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 348233

Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

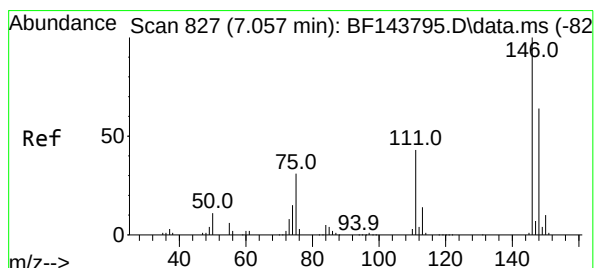
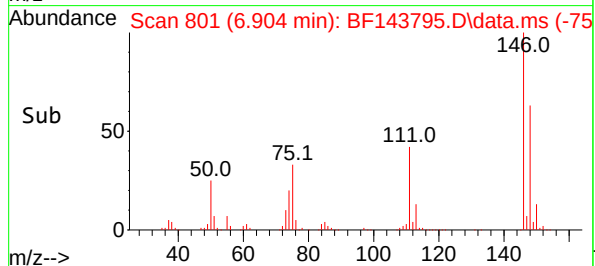
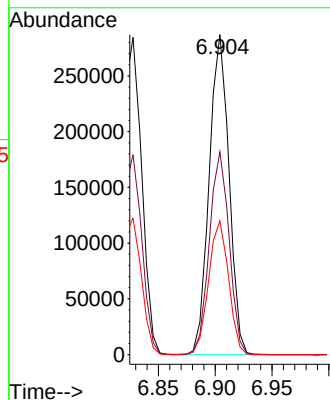
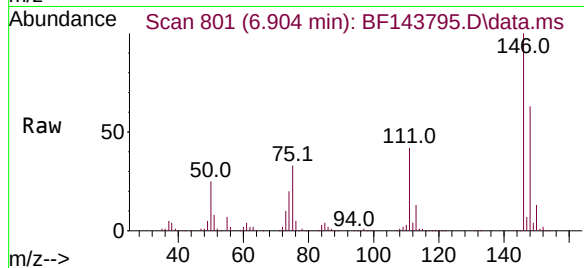
111 41.8 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 41.922 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

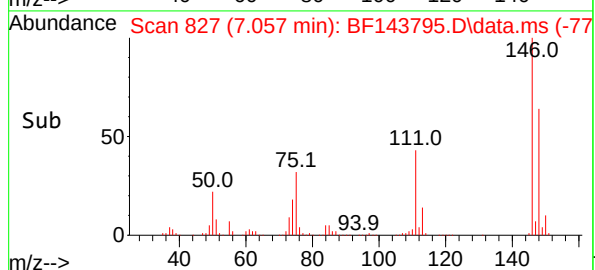
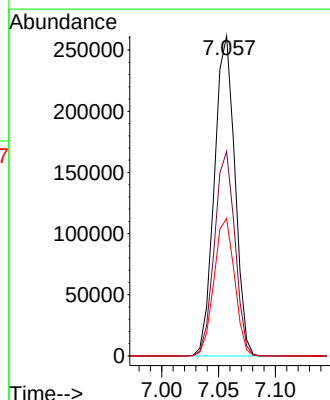
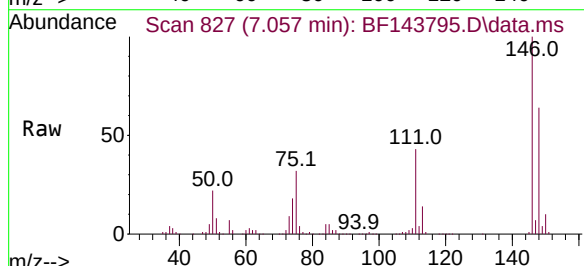
Tgt Ion:146 Resp: 328481

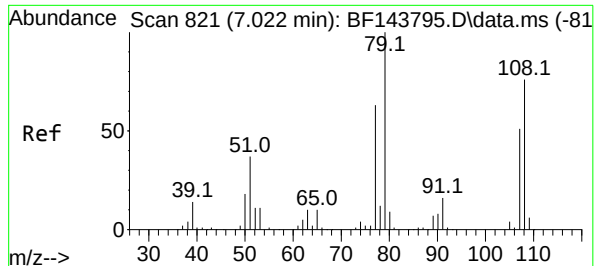
Ion Ratio Lower Upper

146 100

148 63.9 51.1 76.7

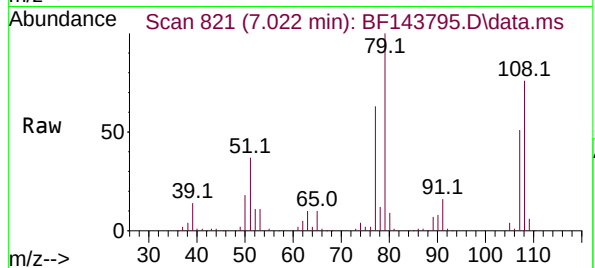
111 42.9 34.3 51.5





#15
Benzyl Alcohol
Concen: 42.340 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

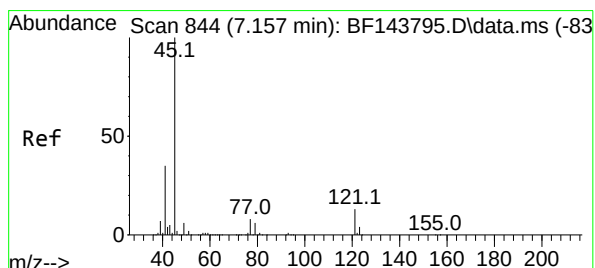
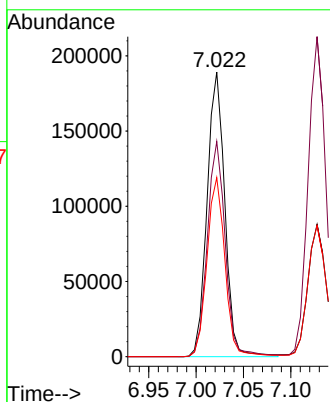
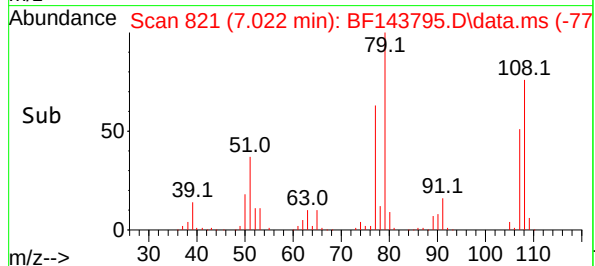
Instrument :
BNA_F
Client SampleId :
SSTDICCC040



Tgt Ion: 79 Resp: 246535
Ion Ratio Lower Upper
79 100
108 75.6 60.5 90.7
77 62.9 50.3 75.5

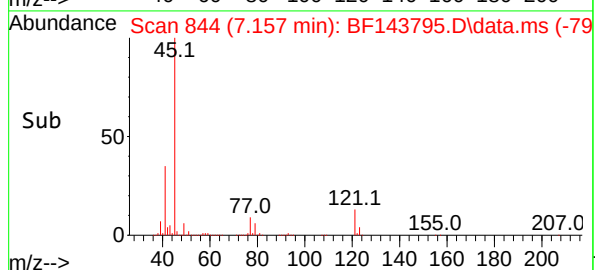
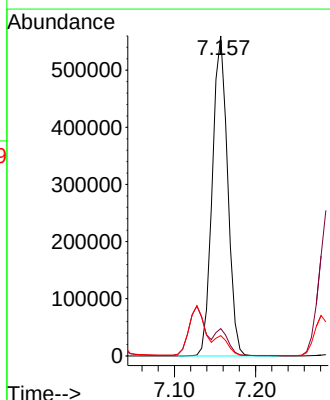
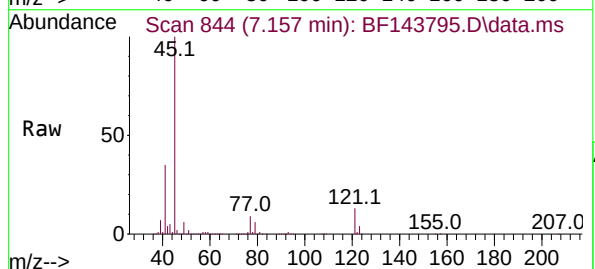
Manual Integrations
APPROVED

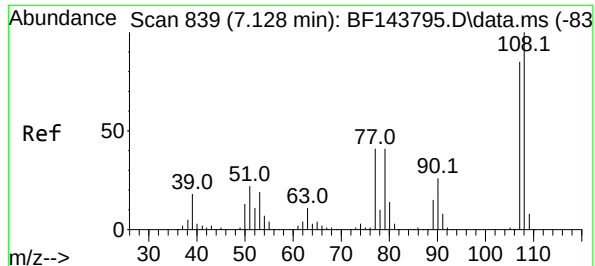
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.058 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

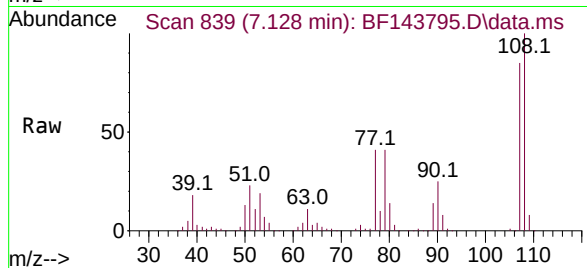
Tgt Ion: 45 Resp: 732266
Ion Ratio Lower Upper
45 100
77 8.5 0.0 28.5
79 6.3 0.0 26.3





#17
2-Methylphenol
Concen: 41.866 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

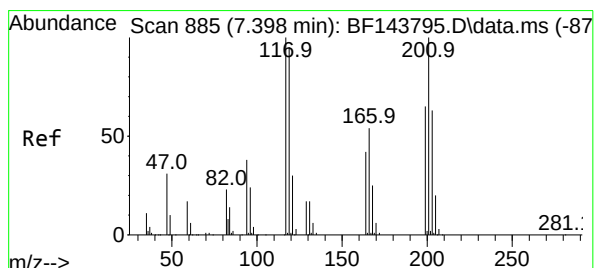
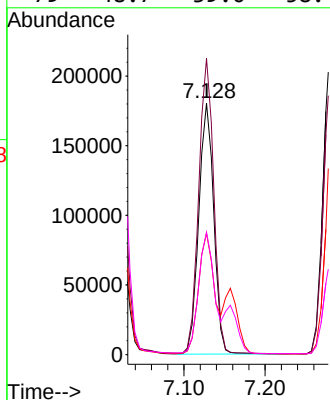
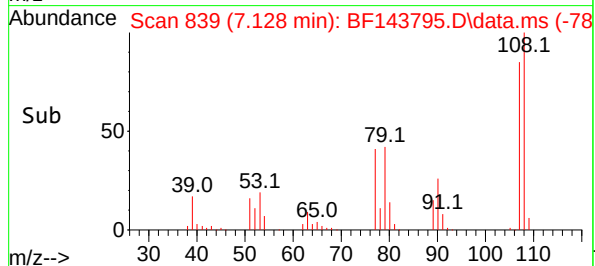
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



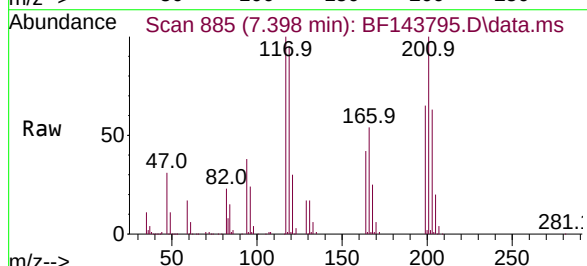
Tgt Ion:107 Resp: 231425
Ion Ratio Lower Upper
107 100
108 117.8 94.2 141.4
77 48.3 38.6 58.0
79 48.7 39.0 58.4

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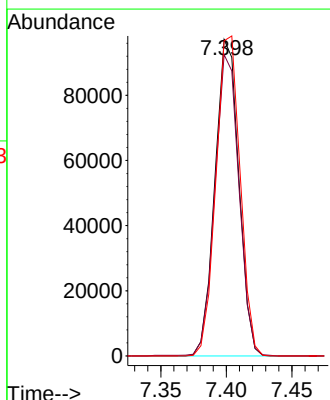
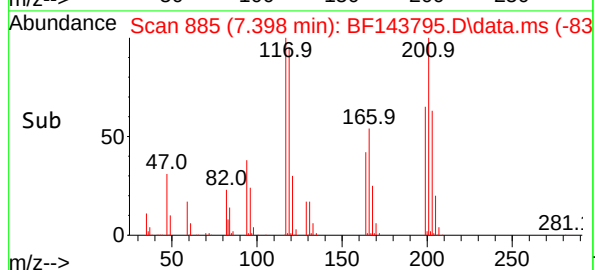
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

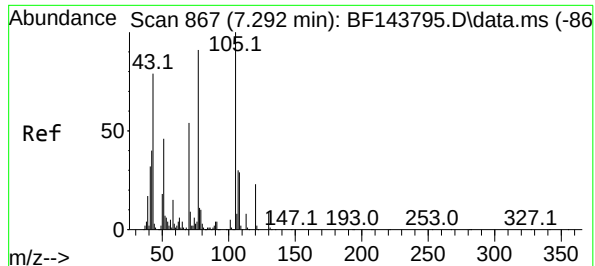


#18
Hexachloroethane
Concen: 42.290 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



Tgt Ion:117 Resp: 123042
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
201 99.6 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.992 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 207240

Ion Ratio Lower Upper

70 100

42 74.2 59.4 89.0

101 8.9 7.1 10.7

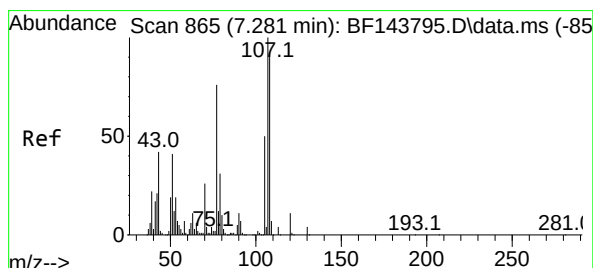
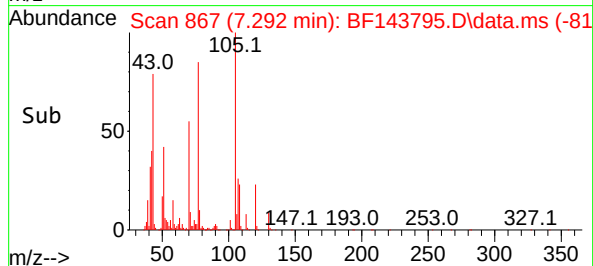
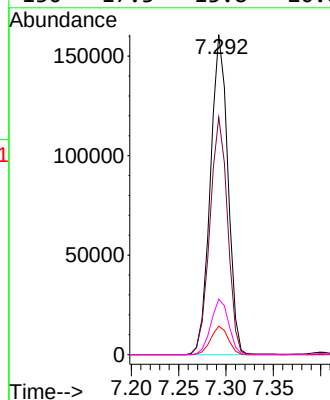
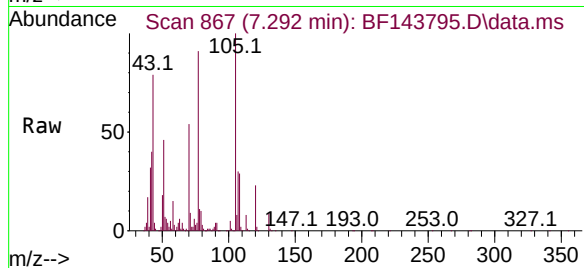
130 17.3 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 42.795 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion:107 Resp: 288081

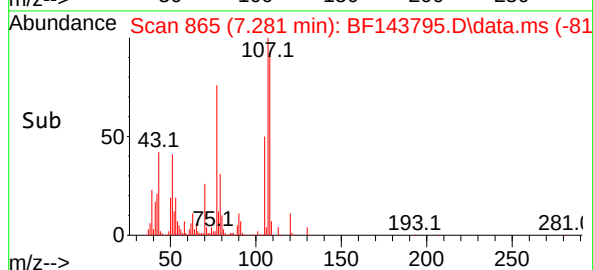
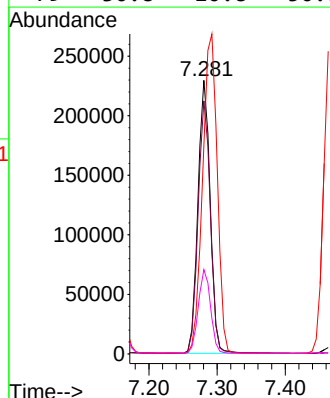
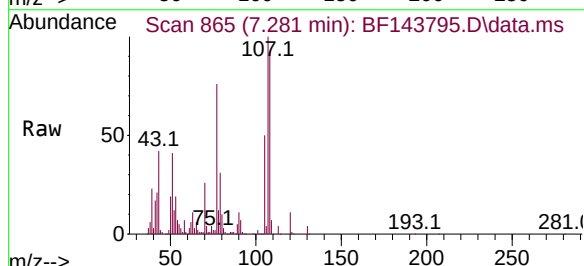
Ion Ratio Lower Upper

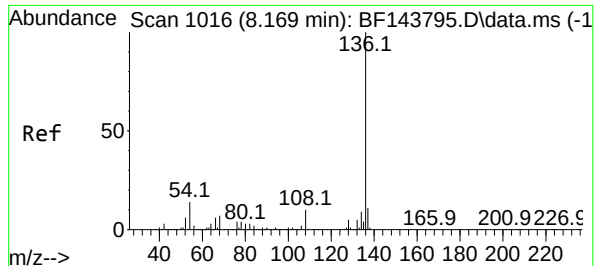
107 100

108 92.5 72.5 112.5

77 76.2 56.2 96.2

79 30.8 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 405913

Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 14.0 11.2 16.8

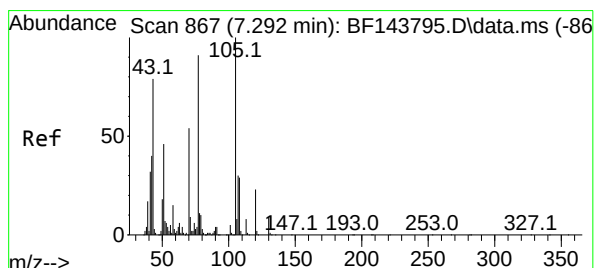
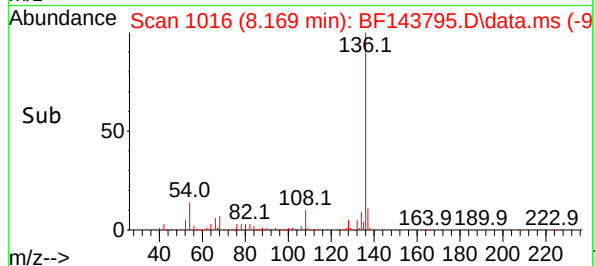
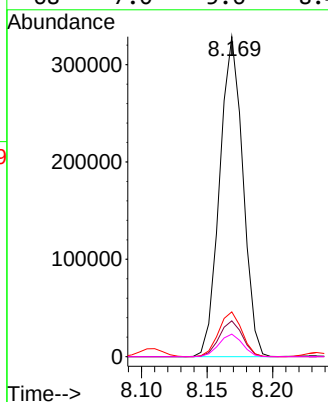
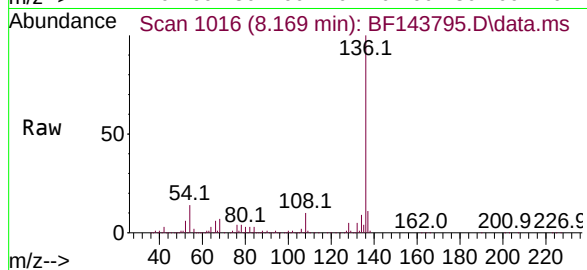
68 7.0 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#22

Acetophenone

Concen: 42.128 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion:105 Resp: 375588

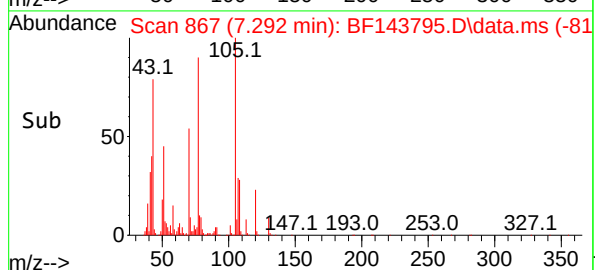
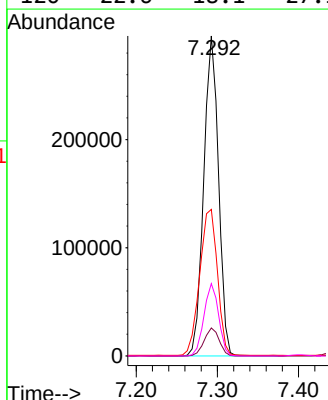
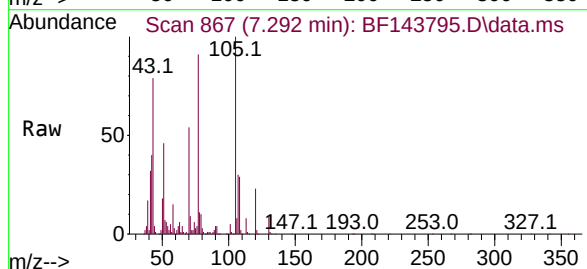
Ion Ratio Lower Upper

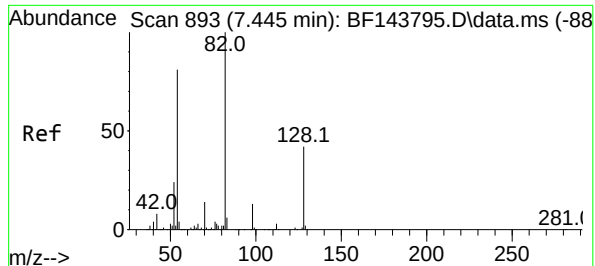
105 100

71 8.7 7.0 10.4

51 45.8 36.6 55.0

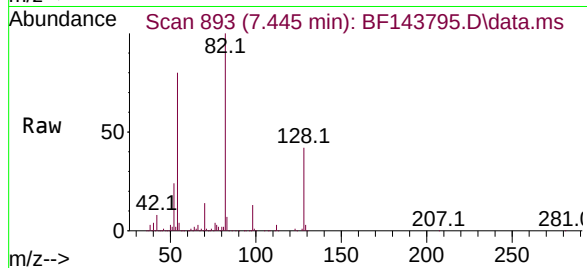
120 22.6 18.1 27.1





#23
Nitrobenzene-d5
Concen: 88.897 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

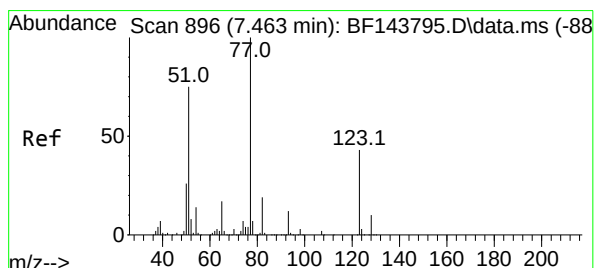
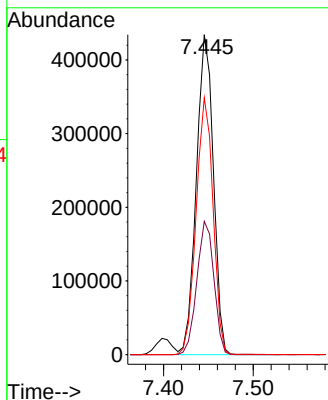
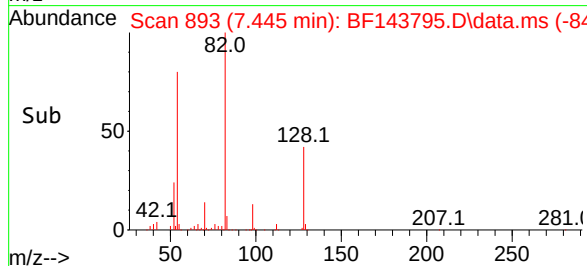
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



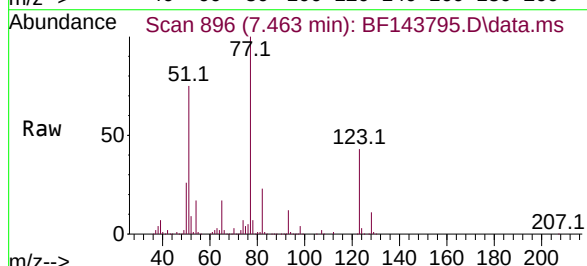
Tgt Ion: 82 Resp: 573383
Ion Ratio Lower Upper
82 100
128 41.6 33.3 49.9
54 80.3 64.2 96.4

Manual Integrations
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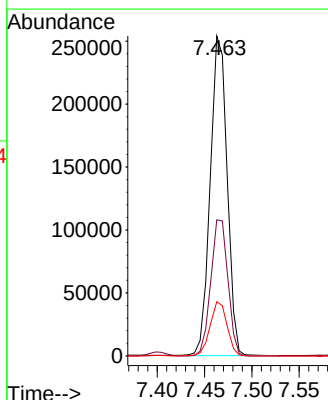
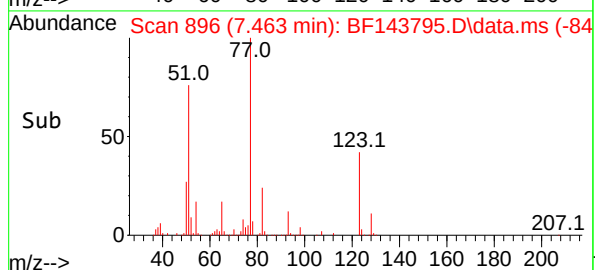
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

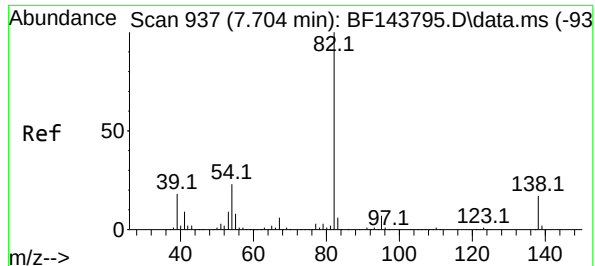


#24
Nitrobenzene
Concen: 42.939 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



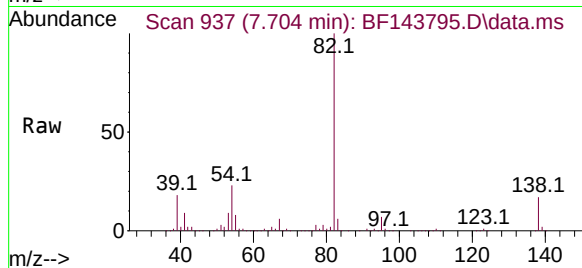
Tgt Ion: 77 Resp: 315613
Ion Ratio Lower Upper
77 100
123 42.5 34.0 51.0
65 16.9 13.5 20.3





#25
Isophorone
Concen: 42.269 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

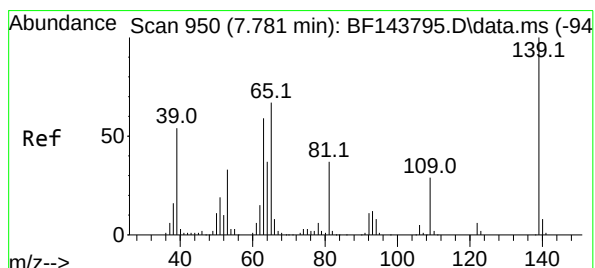
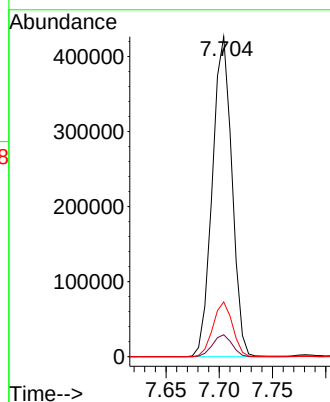
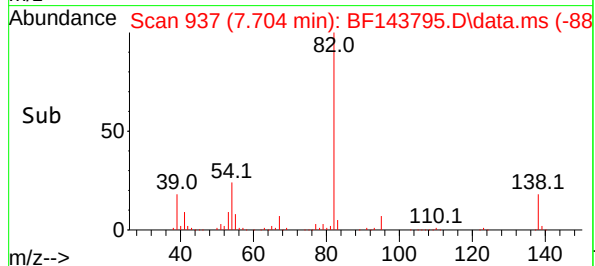
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 546218
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.1 13.7 20.5

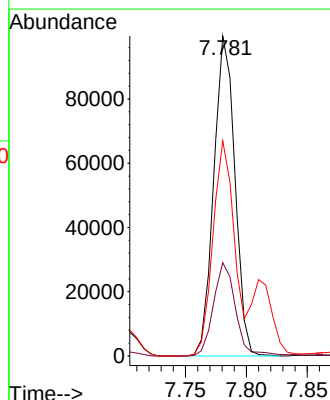
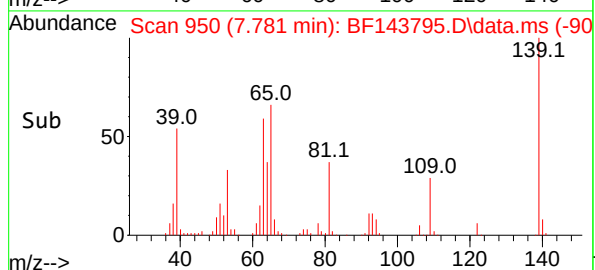
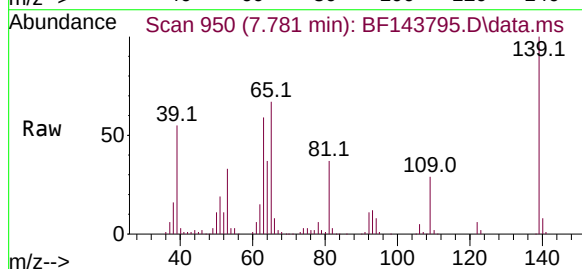
Manual Integrations
APPROVED

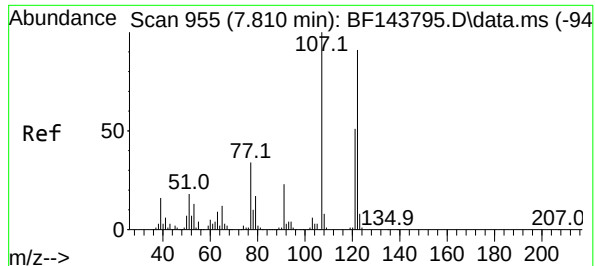
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#26
2-Nitrophenol
Concen: 40.347 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:139 Resp: 120369
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 67.2 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 42.648 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

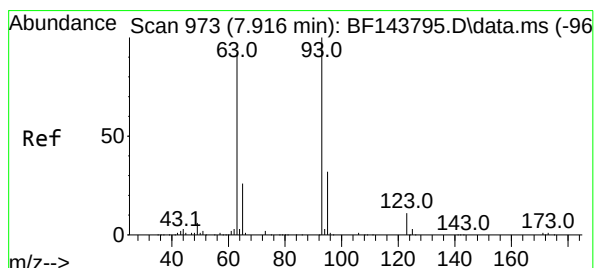
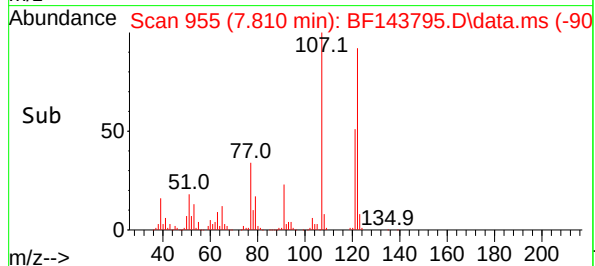
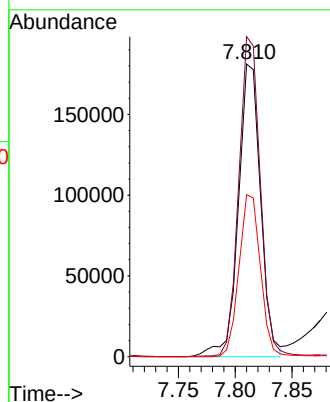
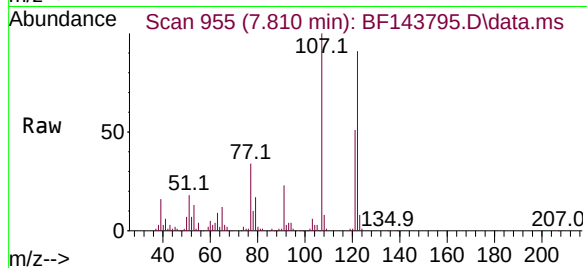
SSTDICCC040

Tgt Ion:122 Resp: 246324
Ion Ratio Lower Upper
122 100
107 109.4 87.5 131.3
121 55.3 44.2 66.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 42.213 ng

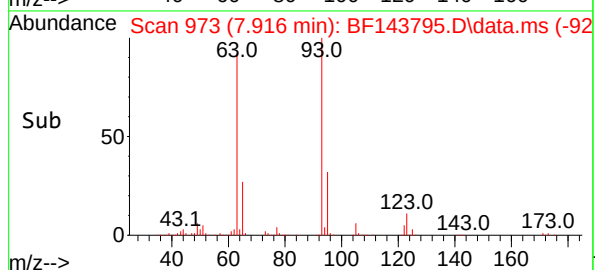
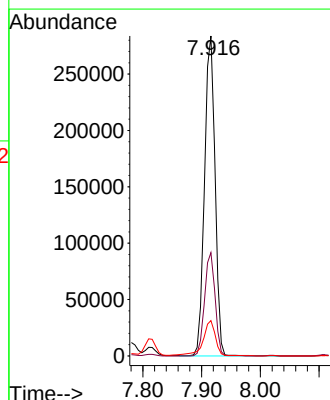
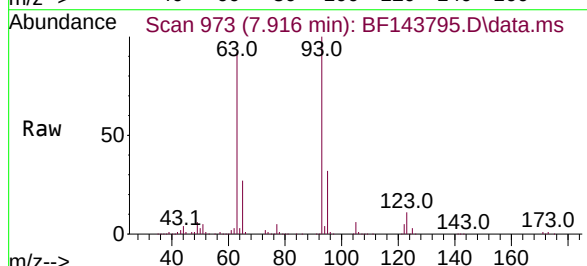
RT: 7.916 min Scan# 973

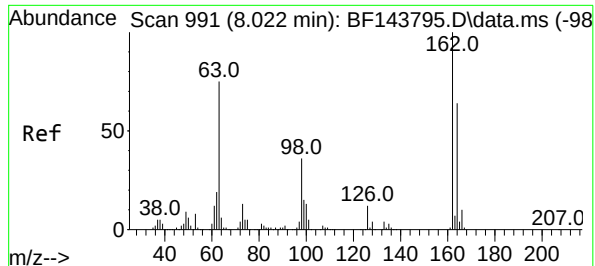
Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion: 93 Resp: 354402
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 11.0 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.587 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 242031

Ion Ratio Lower Upper

162 100

164 64.1 44.1 84.1

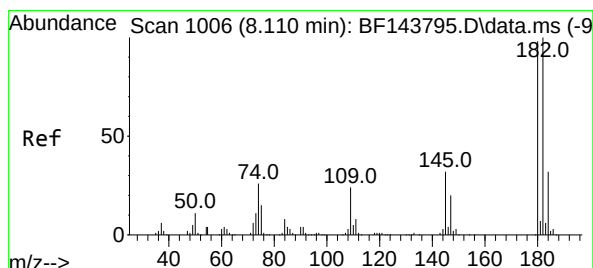
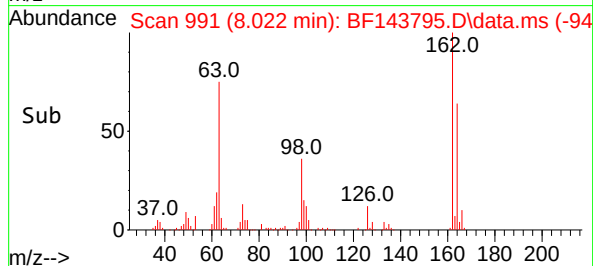
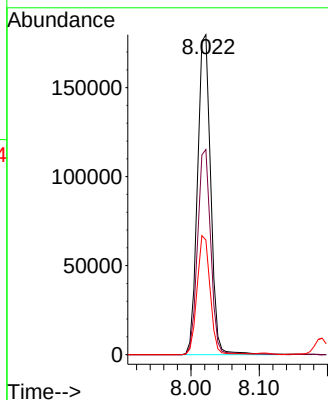
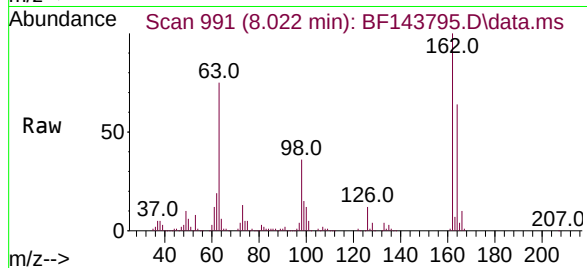
98 35.8 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.554 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

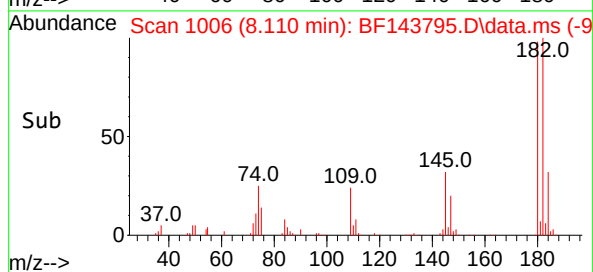
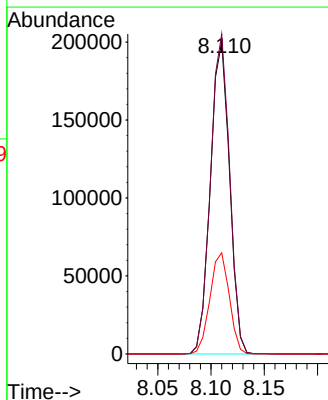
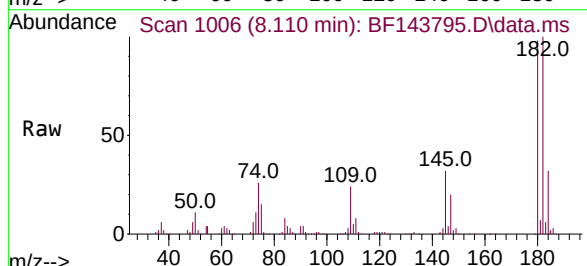
Tgt Ion:180 Resp: 250976

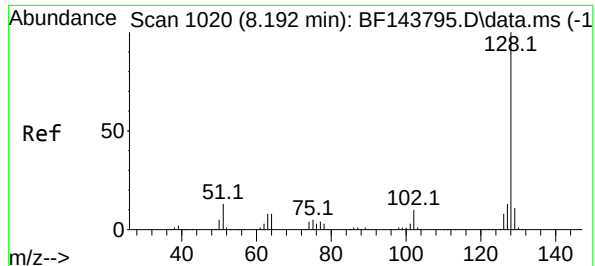
Ion Ratio Lower Upper

180 100

182 102.5 82.0 123.0

145 32.4 25.9 38.9





#31

Naphthalene

Concen: 41.894 ng

RT: 8.192 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:128 Resp: 814068

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

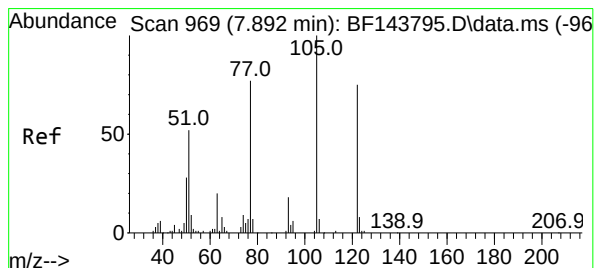
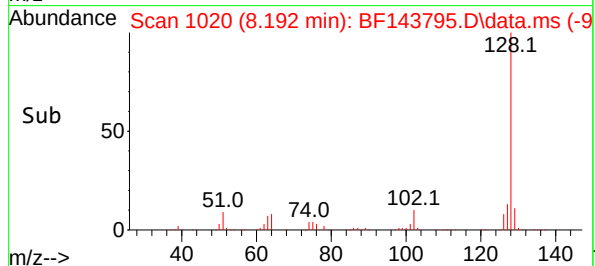
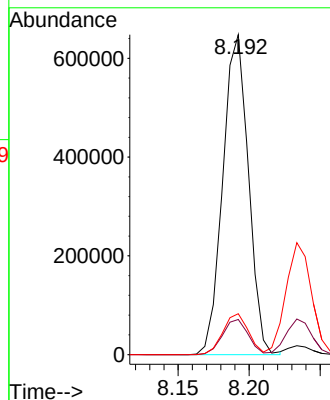
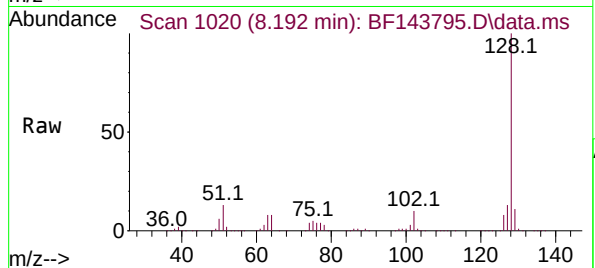
127 12.8 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#32

Benzoic acid

Concen: 40.921 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.029 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

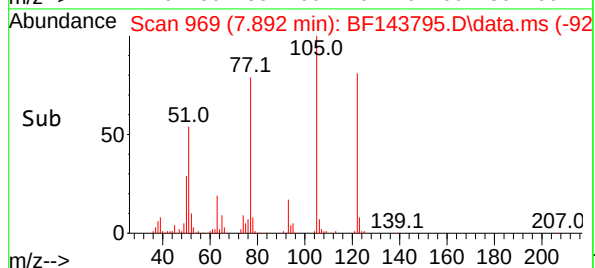
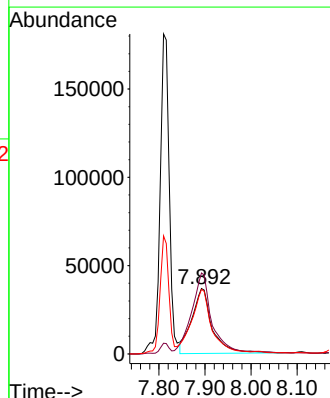
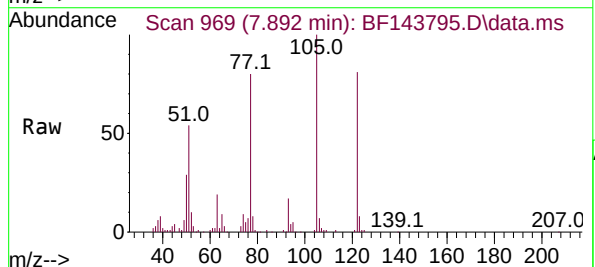
Tgt Ion:122 Resp: 114033

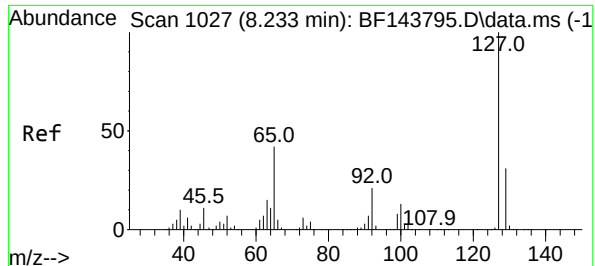
Ion Ratio Lower Upper

122 100

105 123.7 103.7 143.7

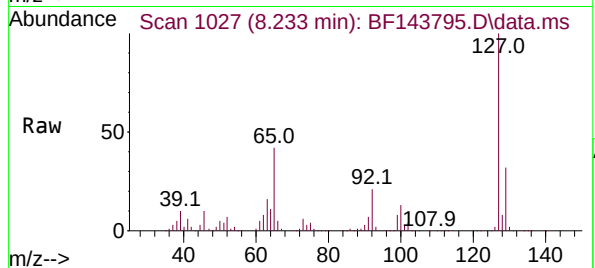
77 98.8 78.8 118.8





#33
4-Chloroaniline
Concen: 42.217 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

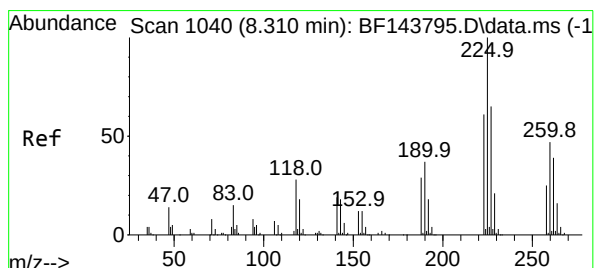
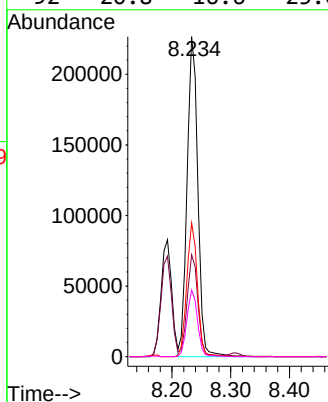
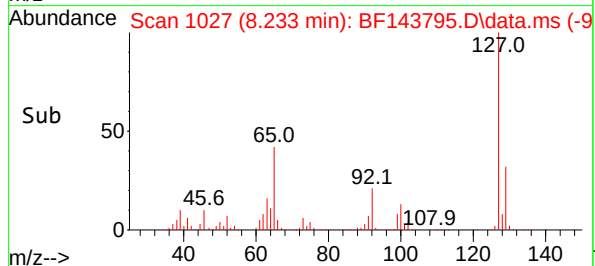
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 288280
Ion Ratio Lower Upper
127 100
129 31.8 25.4 38.2
65 41.8 33.4 50.2
92 20.8 16.6 25.0

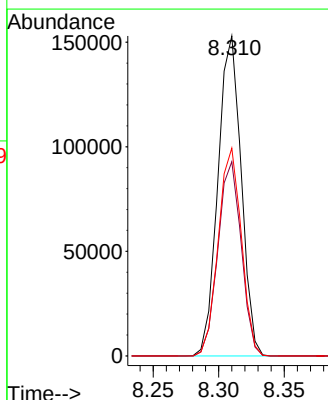
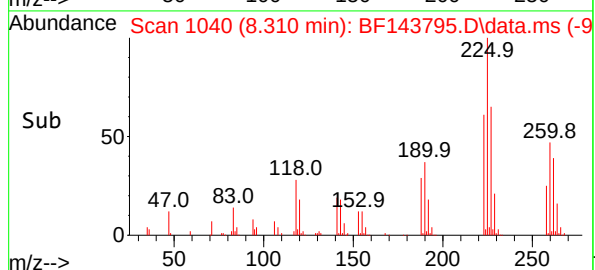
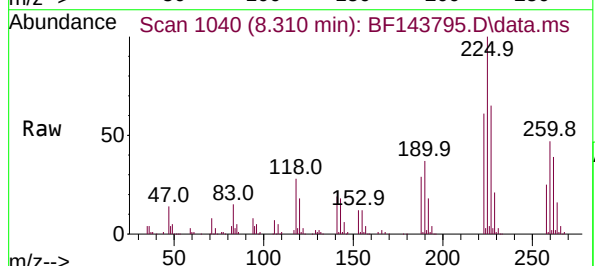
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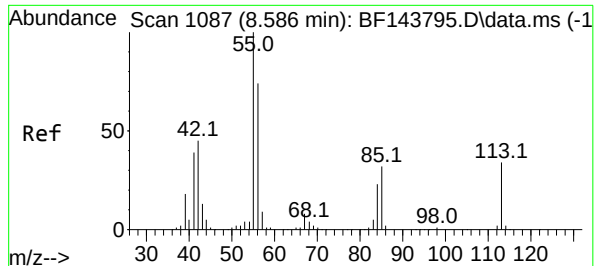
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#34
Hexachlorobutadiene
Concen: 42.957 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:225 Resp: 188867
Ion Ratio Lower Upper
225 100
223 60.7 48.6 72.8
227 64.9 51.9 77.9





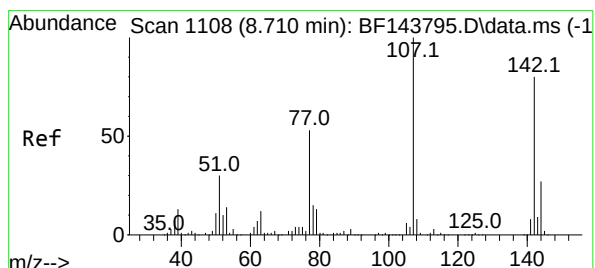
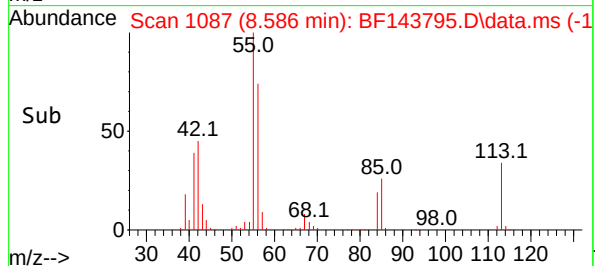
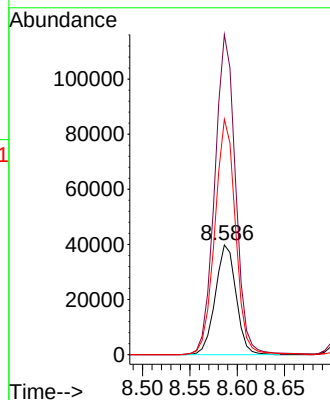
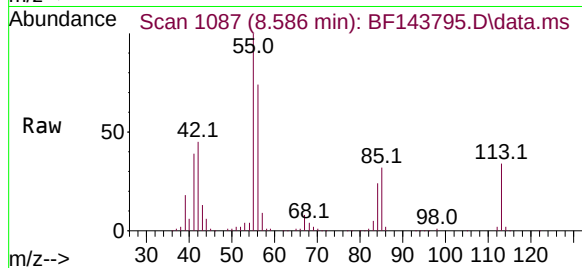
#35
 Caprolactam
 Concen: 41.712 ng
 RT: 8.586 min Scan# 1087
 Delta R.T. -0.024 min
 Lab File: BF143795.D
 Acq: 23 Sep 2025 13:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tgt Ion:113 Resp: 60592
 Ion Ratio Lower Upper
 113 100
 55 291.7 271.7 311.7
 56 214.5 194.5 234.5

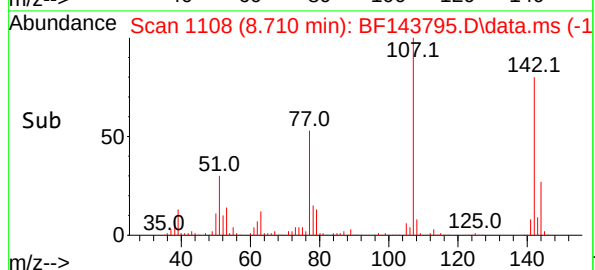
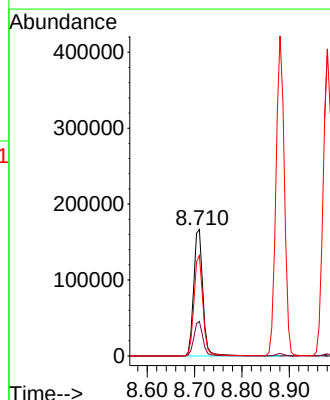
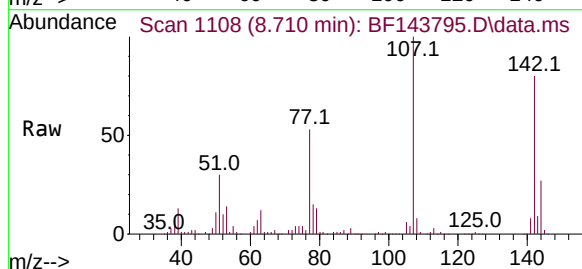
Manual Integrations
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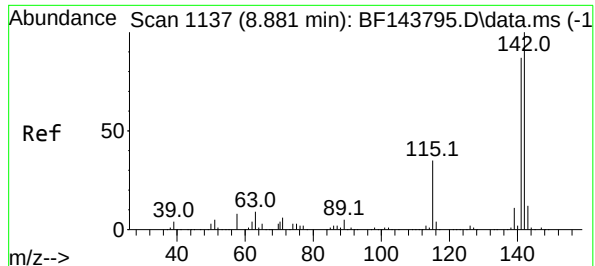
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025



#36
 4-Chloro-3-methylphenol
 Concen: 42.051 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF143795.D
 Acq: 23 Sep 2025 13:59

Tgt Ion:107 Resp: 224136
 Ion Ratio Lower Upper
 107 100
 144 27.3 21.8 32.8
 142 79.5 63.6 95.4





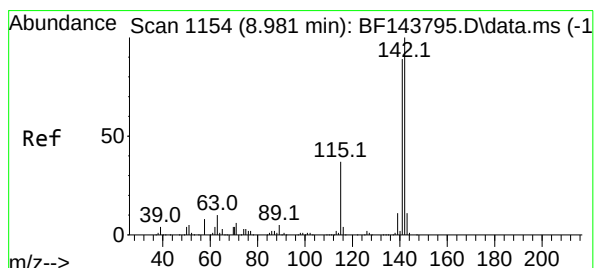
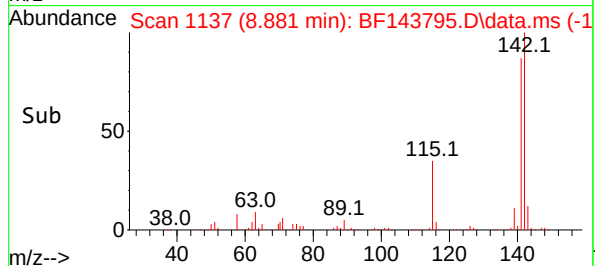
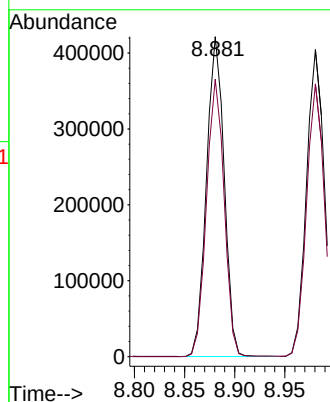
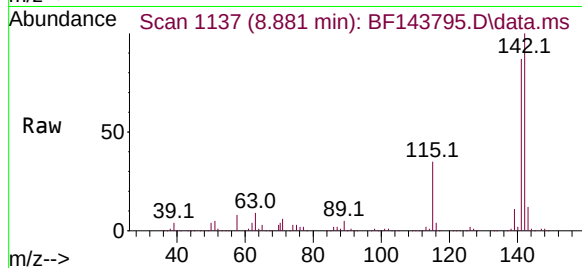
#37
2-Methylnaphthalene
Concen: 41.614 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 515616
Ion Ratio Lower Upper
142 100
141 86.7 69.4 104.0

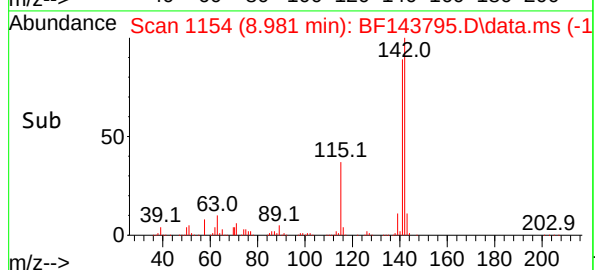
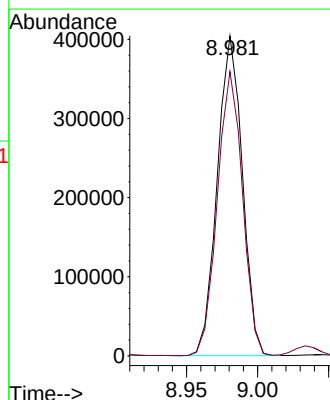
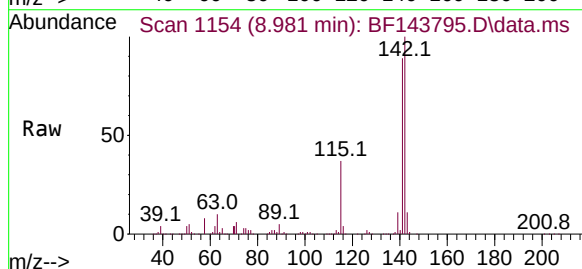
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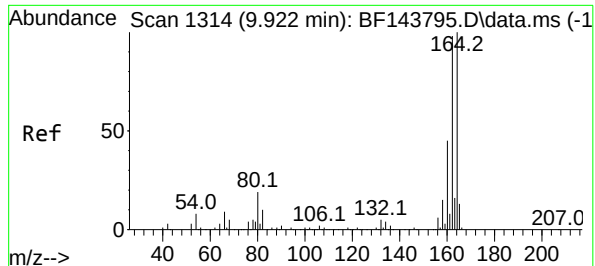
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#38
1-Methylnaphthalene
Concen: 41.901 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

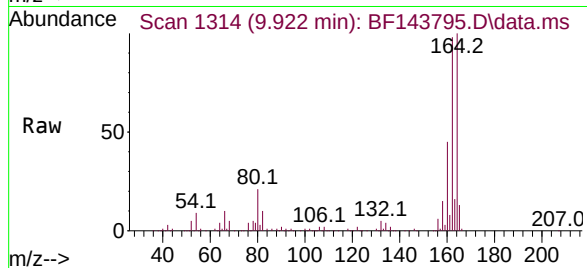
Tgt Ion:142 Resp: 496939
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

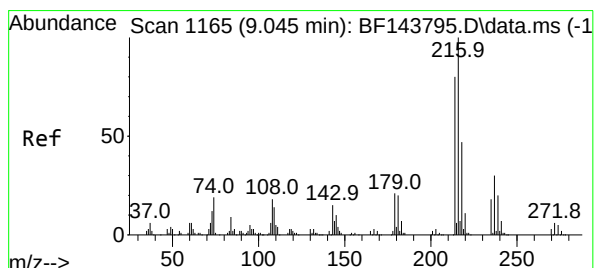
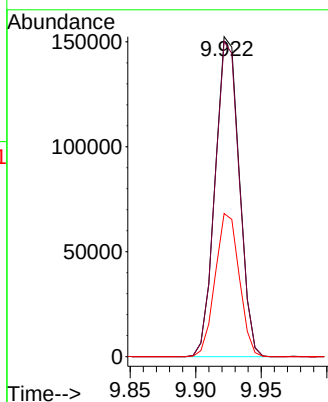
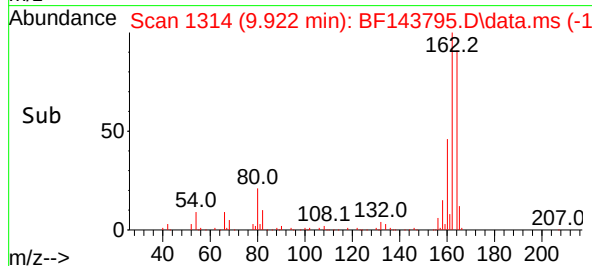
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:164 Resp: 195472
Ion Ratio Lower Upper
164 100
162 98.5 78.8 118.2
160 44.7 35.8 53.6

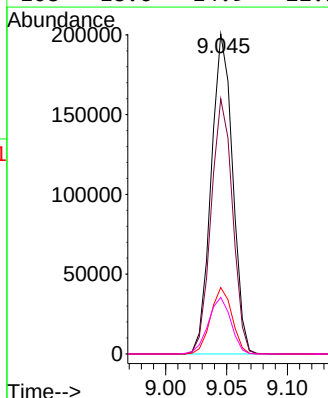
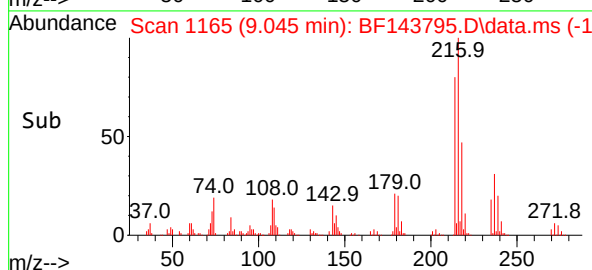
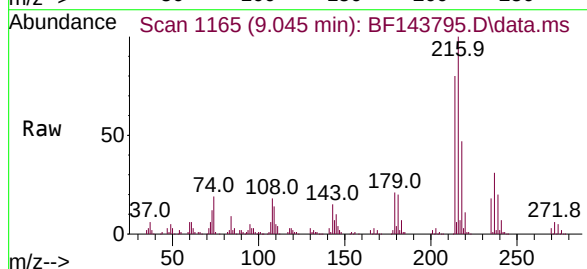
Manual Integrations
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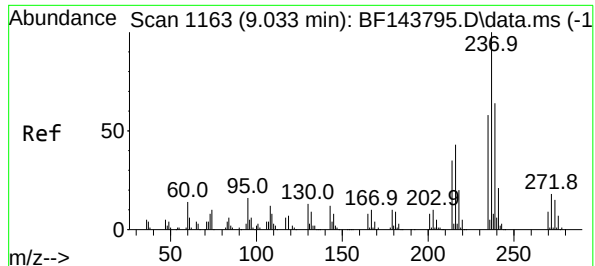
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.605 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

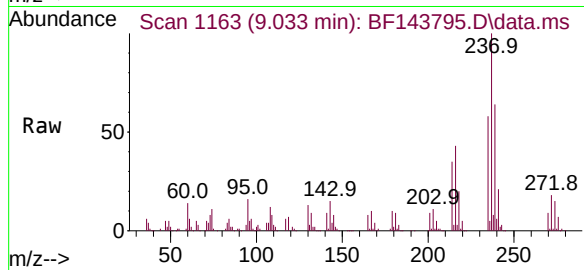
Tgt Ion:216 Resp: 245432
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 20.6 16.5 24.7
108 18.6 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 43.733 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

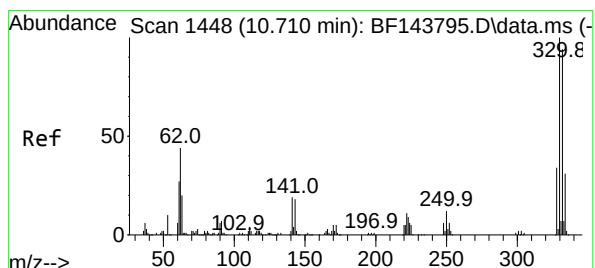
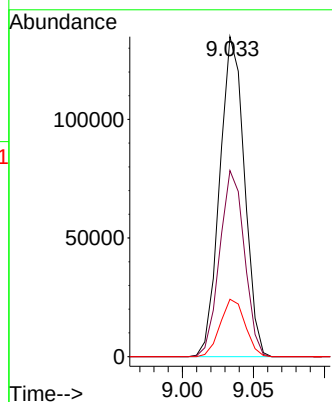
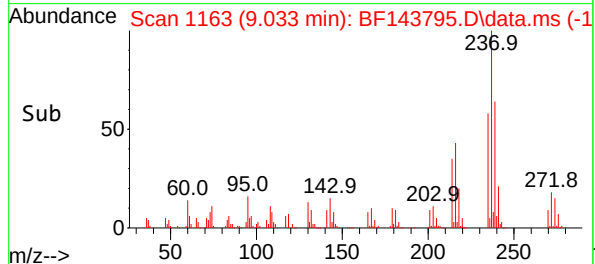
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



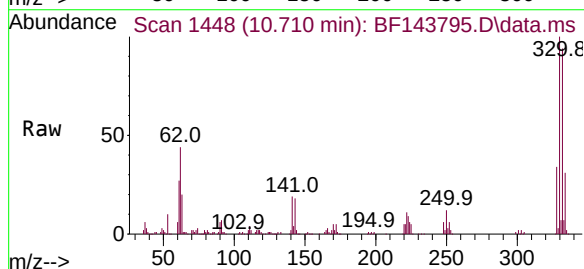
Tgt Ion:237 Resp: 163505
Ion Ratio Lower Upper
237 100
235 58.1 38.1 78.1
272 17.9 0.0 37.9

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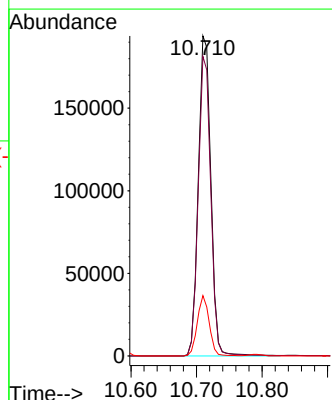
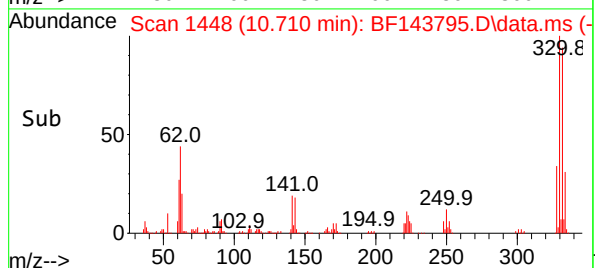
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

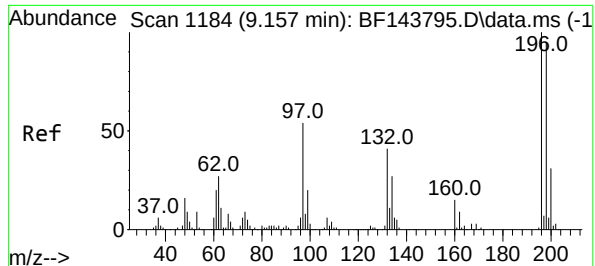


#42
2,4,6-Tribromophenol
Concen: 91.848 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



Tgt Ion:330 Resp: 256232
Ion Ratio Lower Upper
330 100
332 93.4 74.7 112.1
141 17.9 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 44.620 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 164818

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

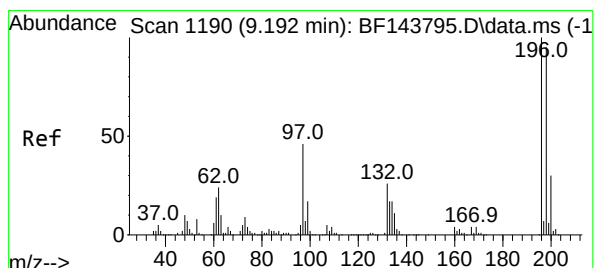
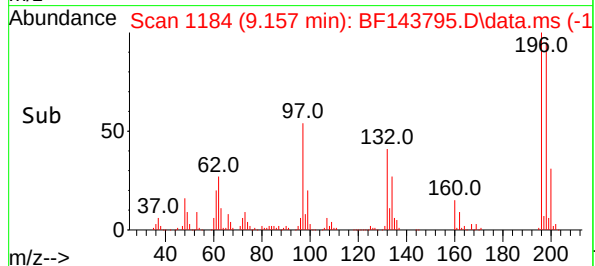
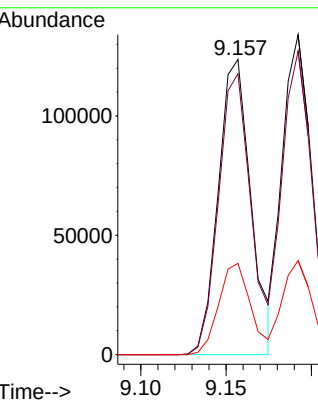
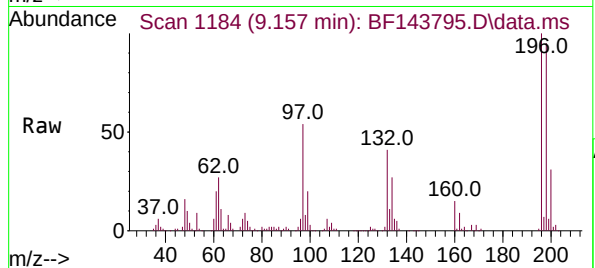
200 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

Concen: 42.801 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Tgt Ion:196 Resp: 165369

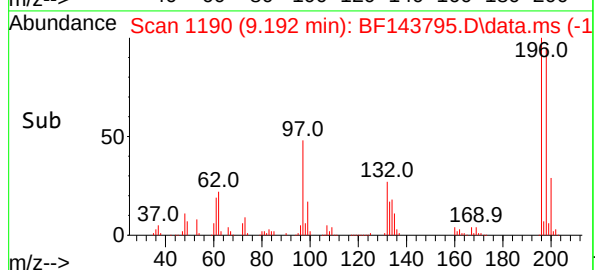
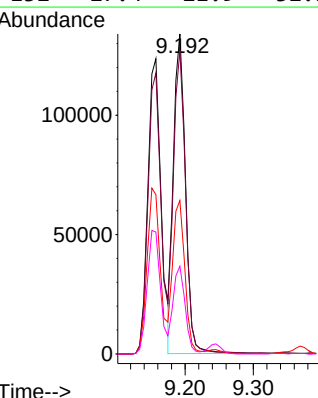
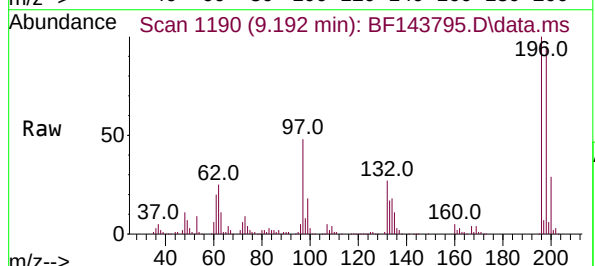
Ion Ratio Lower Upper

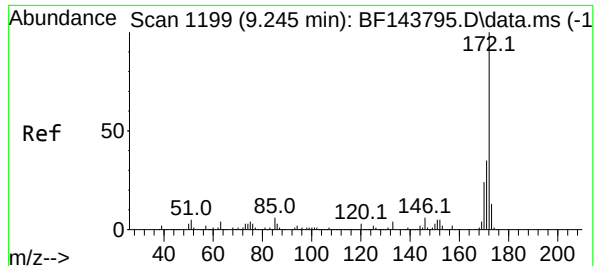
196 100

198 94.9 75.9 113.9

97 47.9 38.3 57.5

132 27.4 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 79.854 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 1056299

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

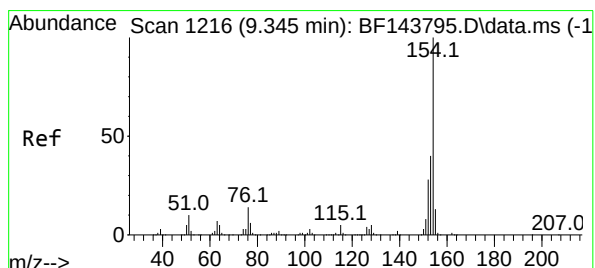
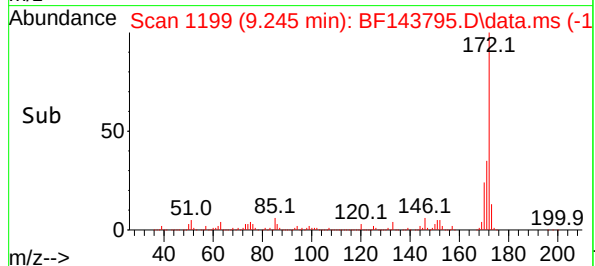
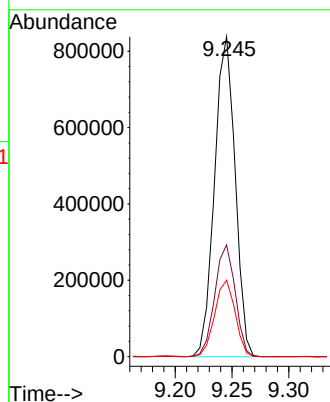
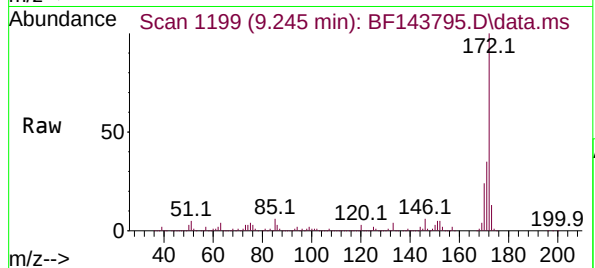
170 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

Concen: 41.309 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

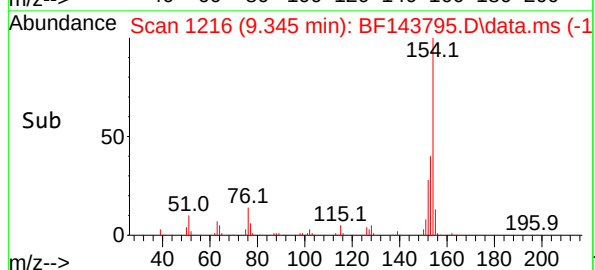
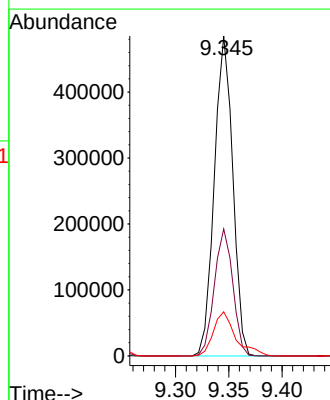
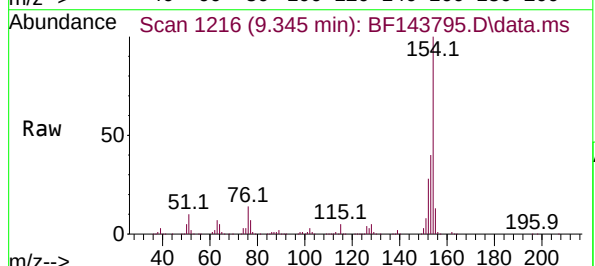
Tgt Ion:154 Resp: 584522

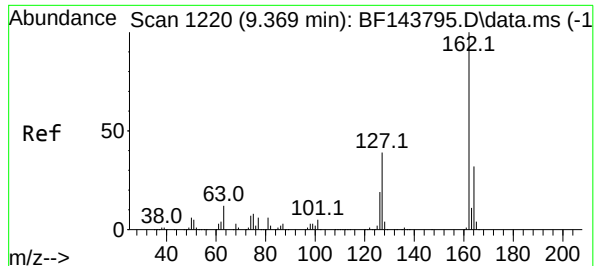
Ion Ratio Lower Upper

154 100

153 39.7 19.7 59.7

76 13.8 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.694 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 474899

Ion Ratio Lower Upper

162 100

127 39.4 31.5 47.3

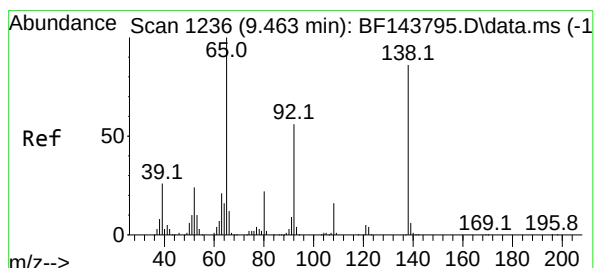
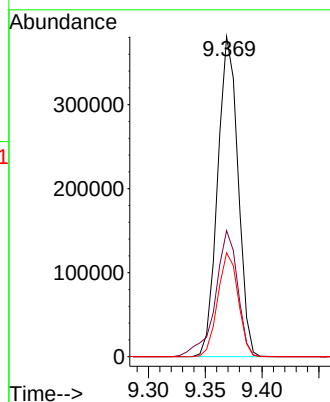
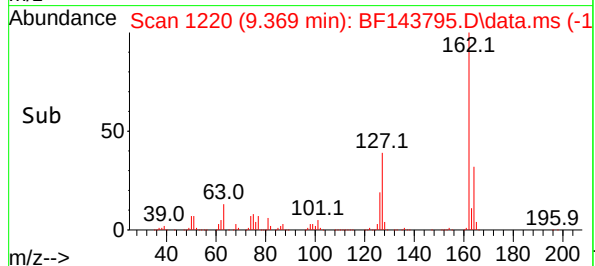
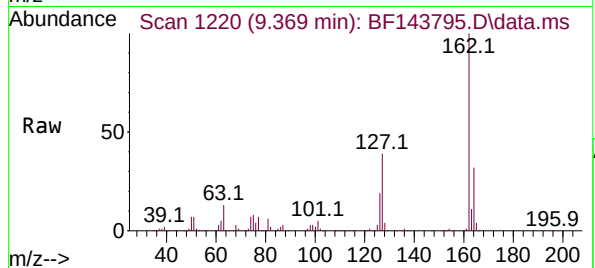
164 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 45.383 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

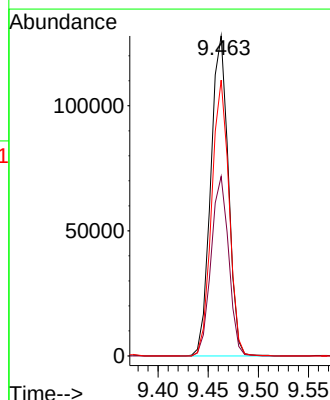
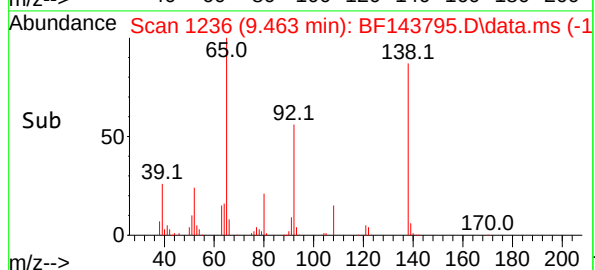
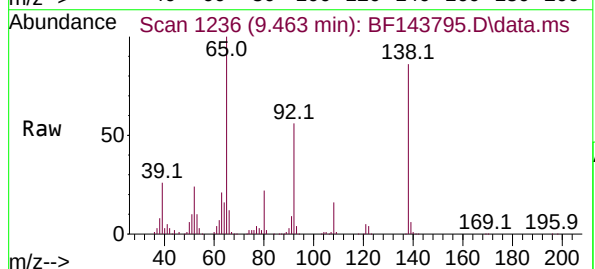
Tgt Ion: 65 Resp: 156231

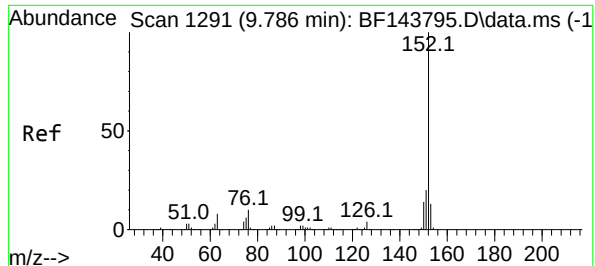
Ion Ratio Lower Upper

65 100

92 56.1 44.9 67.3

138 86.2 69.0 103.4





#49

Acenaphthylene

Concen: 42.150 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143795.D

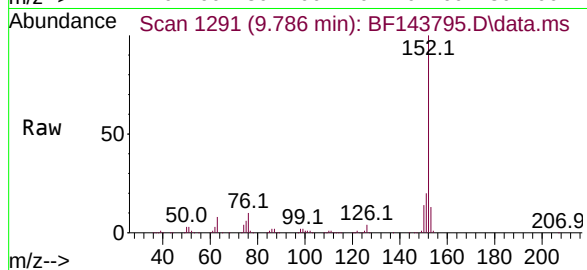
Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 660923

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

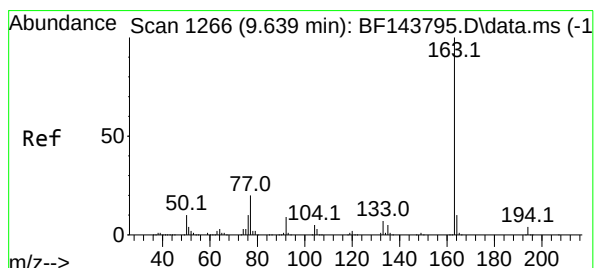
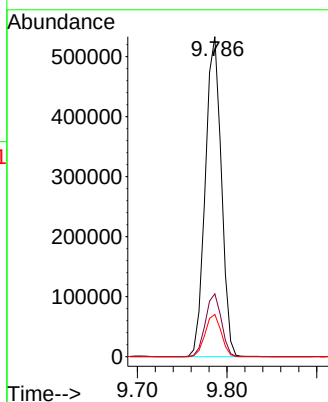
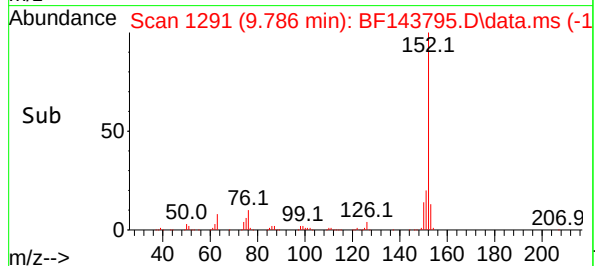
153 13.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

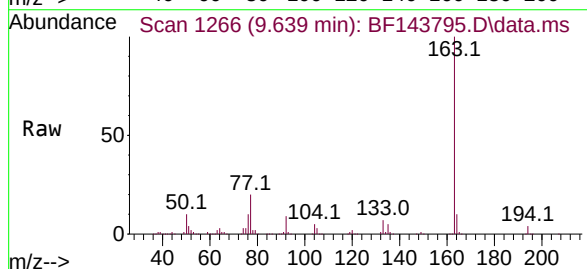
Concen: 42.186 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59



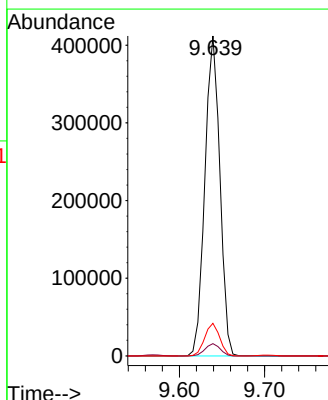
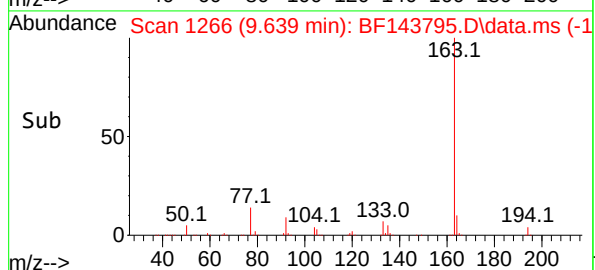
Tgt Ion:163 Resp: 502623

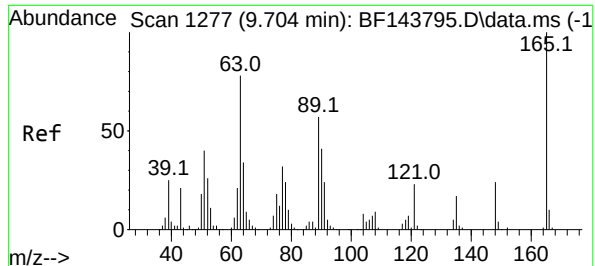
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.2 12.2





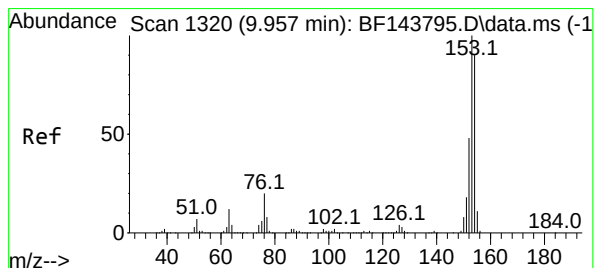
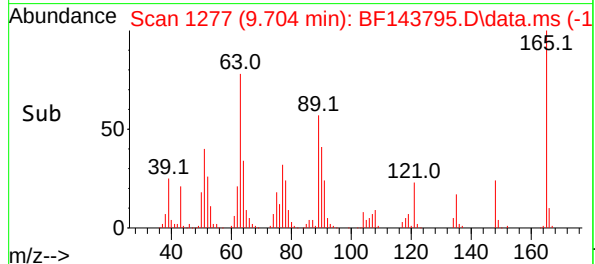
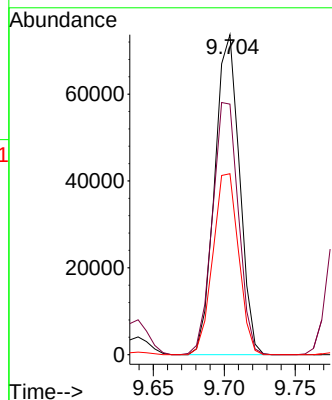
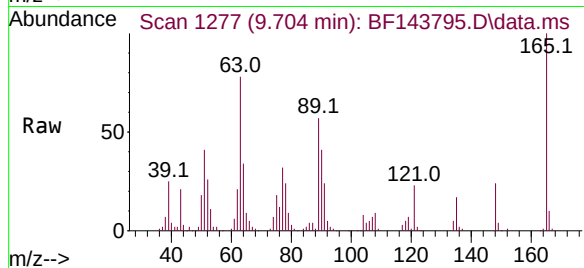
#51
2,6-Dinitrotoluene
Concen: 45.543 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 8915
Ion Ratio Lower Upper
165 100
63 78.3 62.6 94.0
89 56.5 45.2 67.8

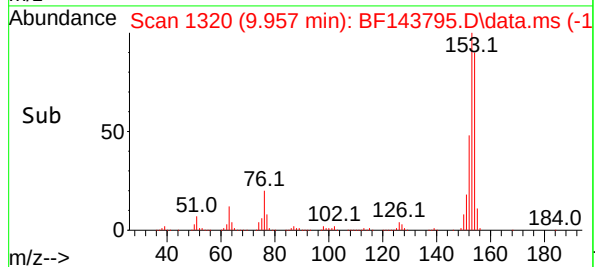
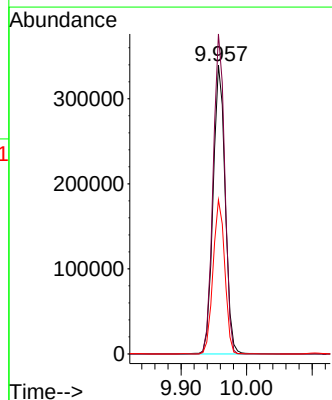
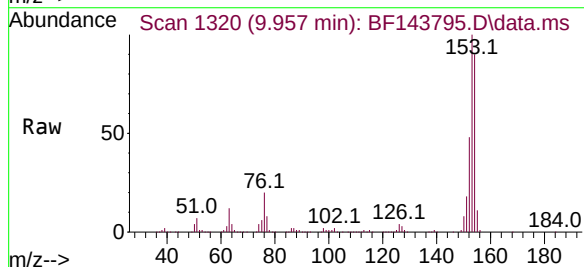
Manual Integrations
APPROVED

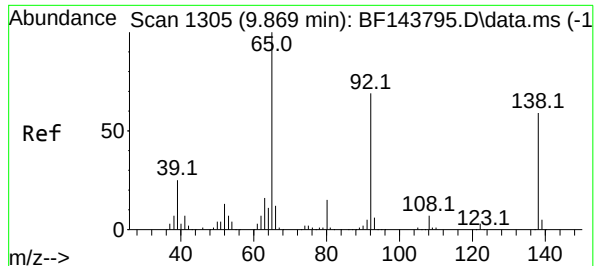
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 42.036 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:154 Resp: 433748
Ion Ratio Lower Upper
154 100
153 110.9 88.7 133.1
152 53.4 42.7 64.1





#53

3-Nitroaniline

Concen: 46.671 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:138 Resp: 110739

Ion Ratio Lower Upper

138 100

108 12.4 9.9 14.9

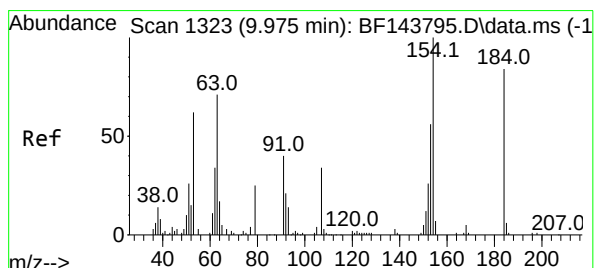
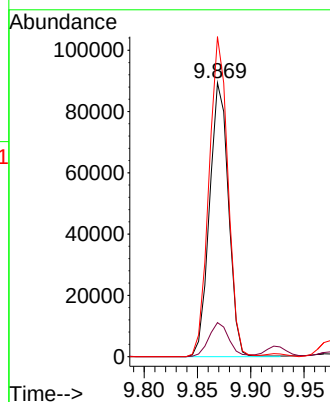
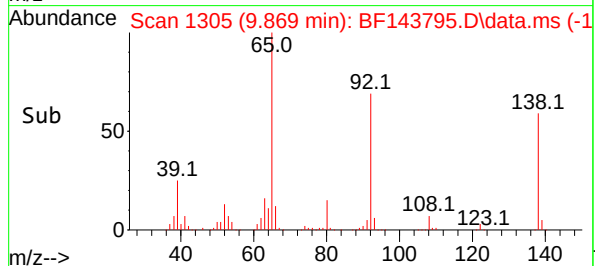
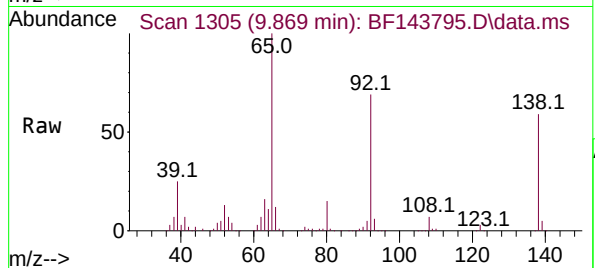
92 116.9 93.5 140.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#54

2,4-Dinitrophenol

Concen: 41.301 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

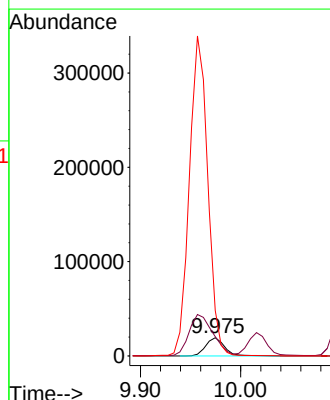
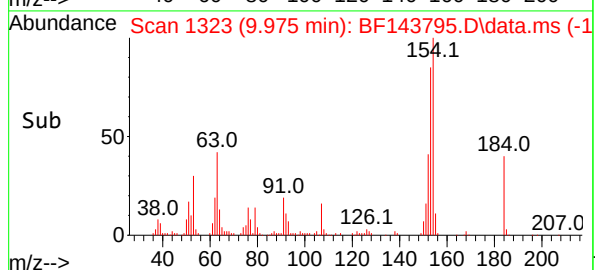
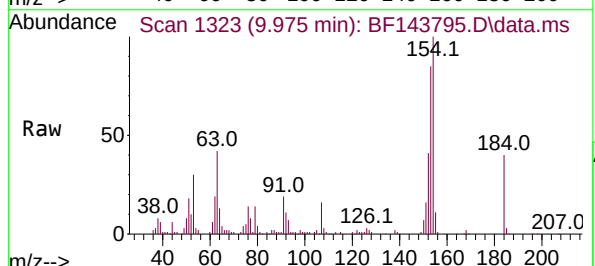
Tgt Ion:184 Resp: 24685

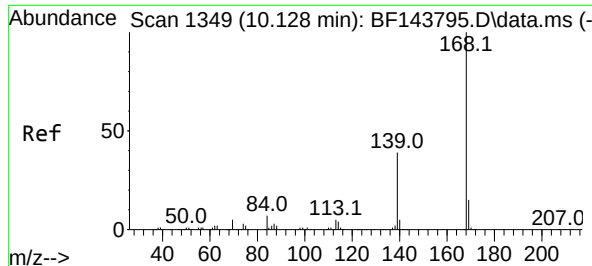
Ion Ratio Lower Upper

184 100

63 105.8 84.6 127.0

154 249.1 199.3 298.9





#55

Dibenzenofuran

Concen: 41.833 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:168 Resp: 610393

Ion Ratio Lower Upper

168 100

139 38.8 31.0 46.6

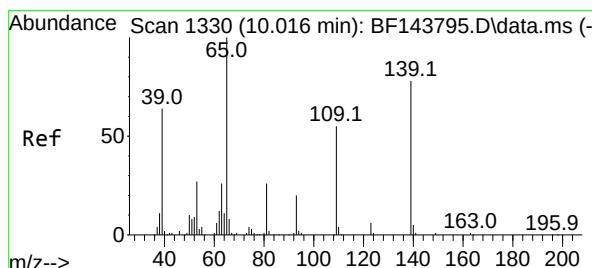
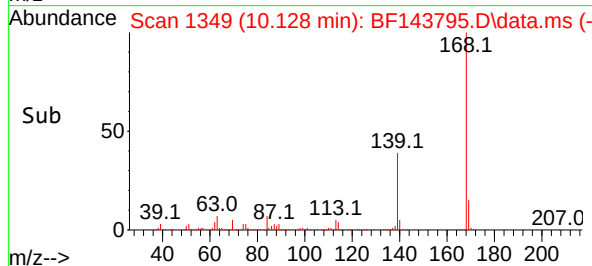
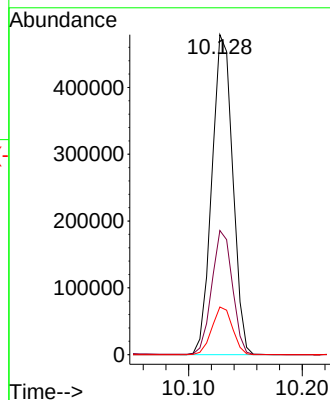
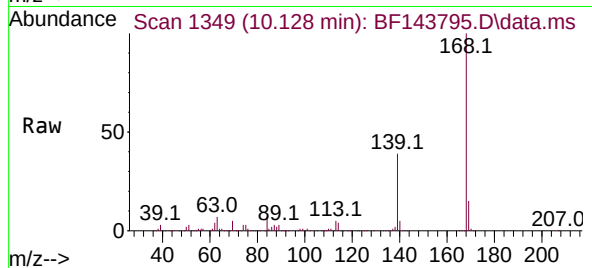
169 14.9 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 42.462 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

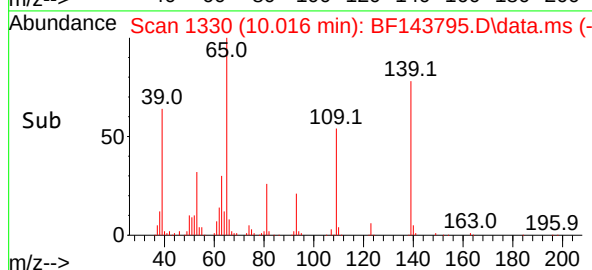
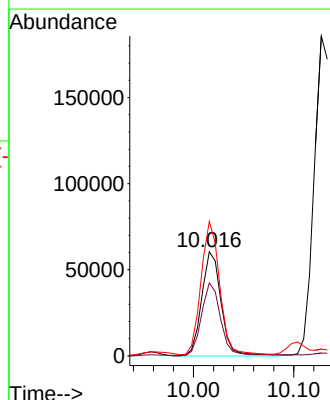
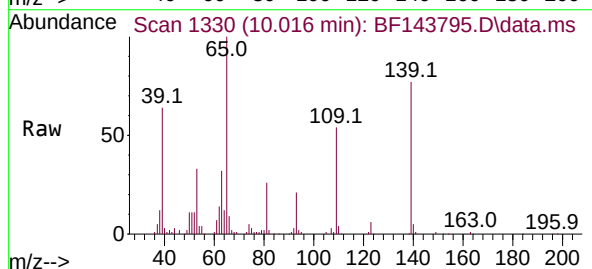
Tgt Ion:139 Resp: 81189

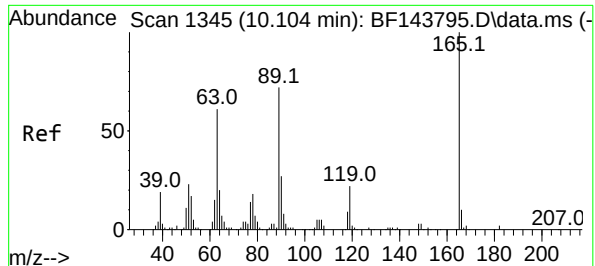
Ion Ratio Lower Upper

139 100

109 70.2 50.2 90.2

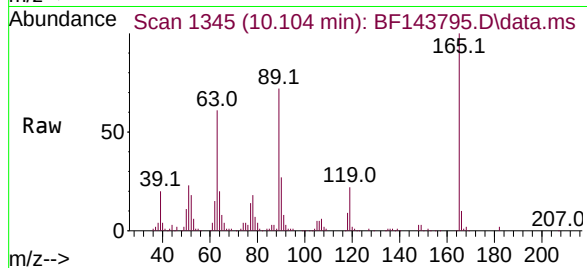
65 129.2 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 41.745 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

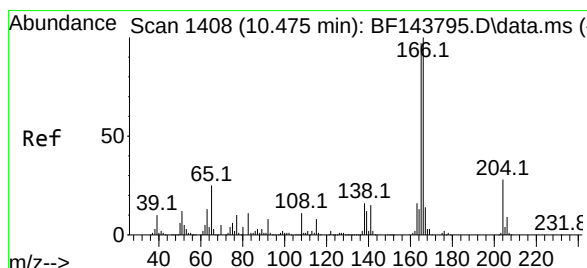
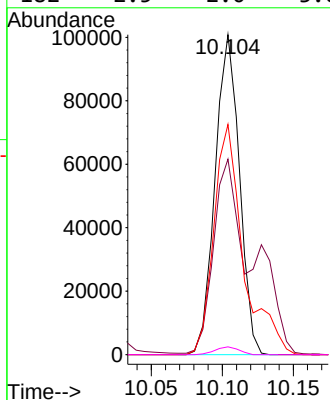
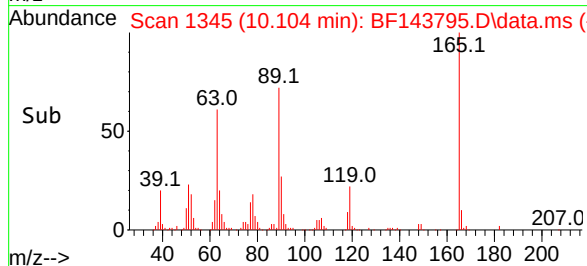
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



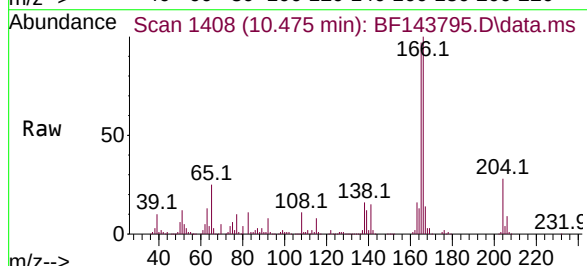
Tgt Ion:165 Resp: 120114
Ion Ratio Lower Upper
165 100
63 61.1 48.9 73.3
89 71.9 57.5 86.3
182 2.5 2.0 3.0

Manual Integrations
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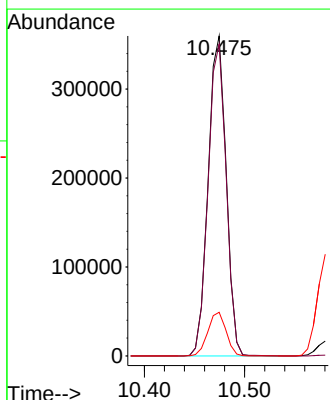
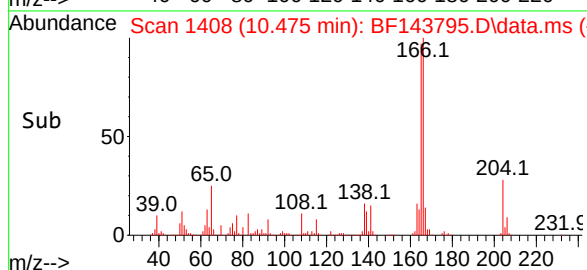
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

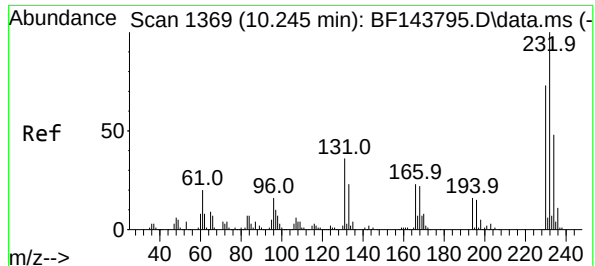


#58
Fluorene
Concen: 41.324 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



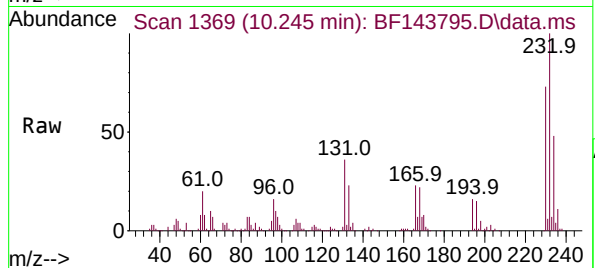
Tgt Ion:166 Resp: 448265
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.013 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

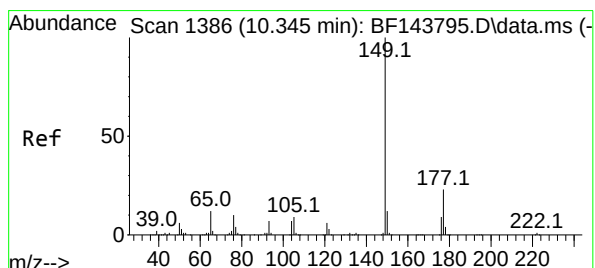
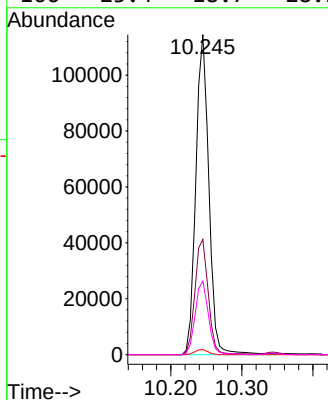
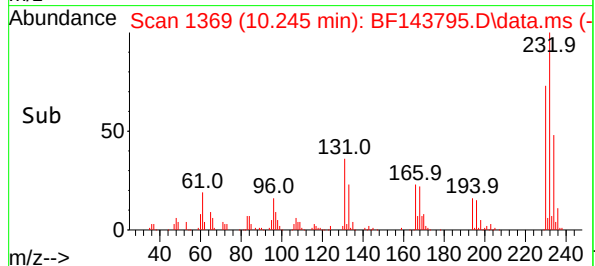
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 145681
Ion Ratio Lower Upper
232 100
131 36.8 29.4 44.2
130 1.6 1.3 1.9
166 23.4 18.7 28.1

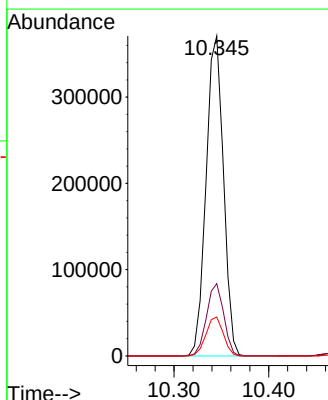
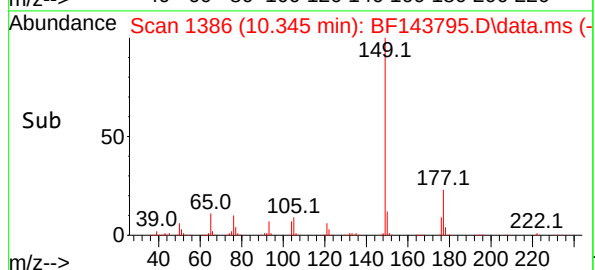
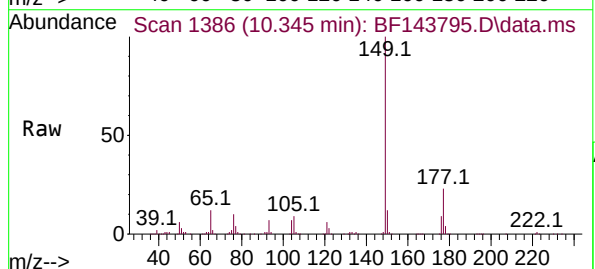
Manual Integrations
APPROVED

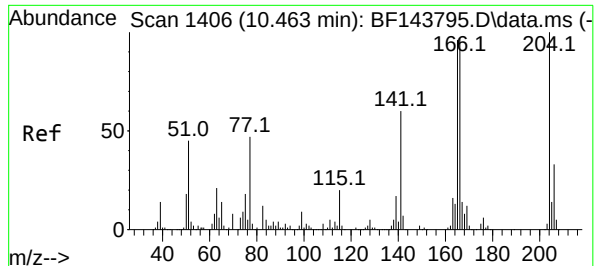
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#60
Diethylphthalate
Concen: 42.438 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:149 Resp: 473302
Ion Ratio Lower Upper
149 100
177 22.6 18.1 27.1
150 12.1 9.7 14.5





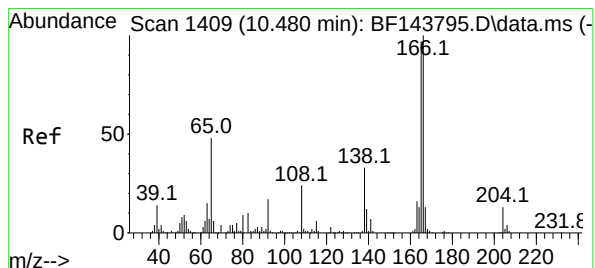
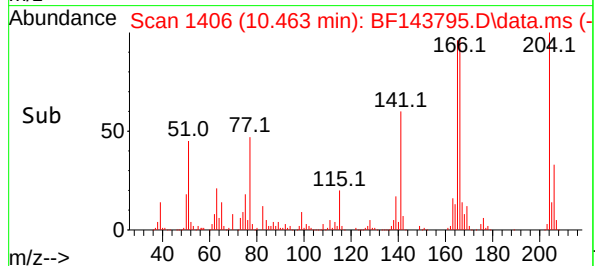
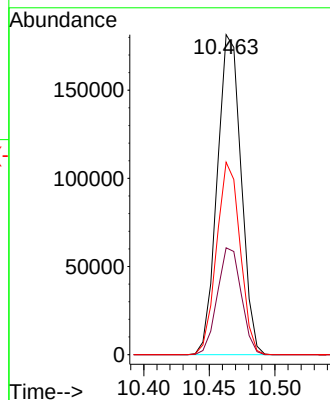
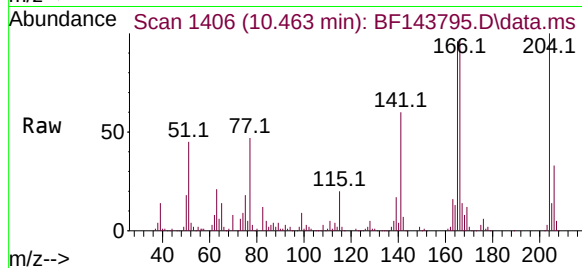
#61
4-Chlorophenyl-phenylether
Concen: 41.729 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 230643
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 60.2 48.2 72.2

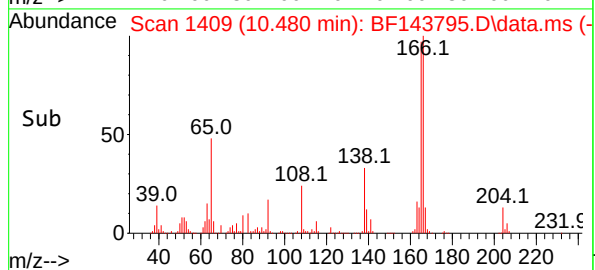
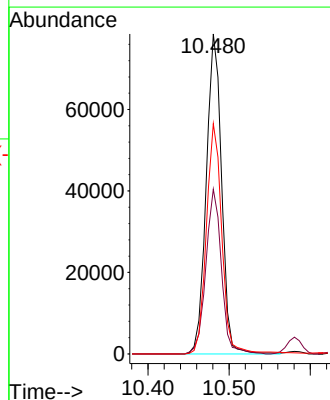
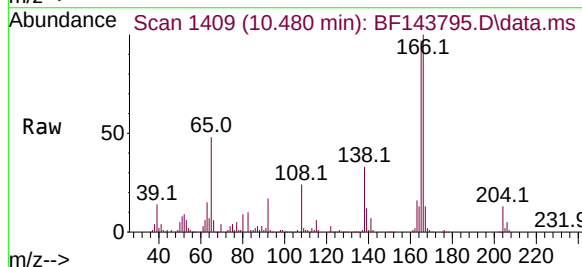
Manual Integrations
APPROVED

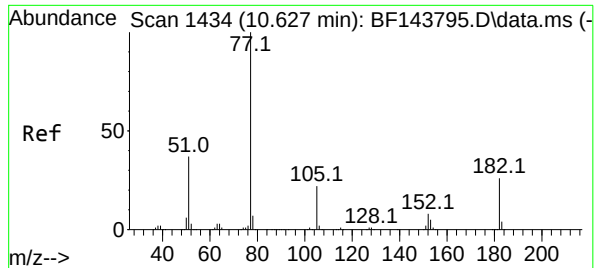
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#62
4-Nitroaniline
Concen: 46.254 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

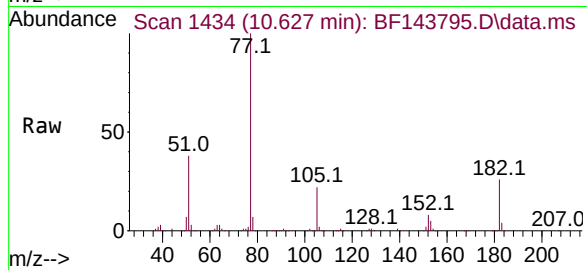
Tgt Ion:138 Resp: 103193
Ion Ratio Lower Upper
138 100
92 51.5 31.5 71.5
108 71.9 51.9 91.9





#63
Azobenzene
Concen: 42.532 ng
RT: 10.627 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

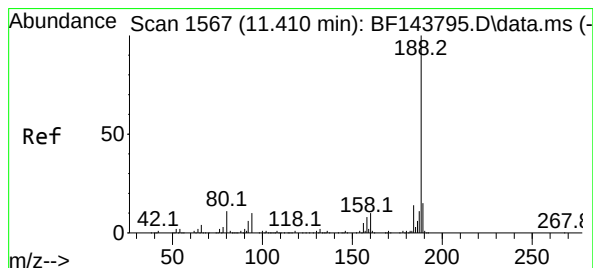
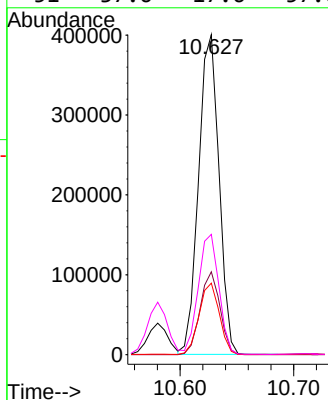
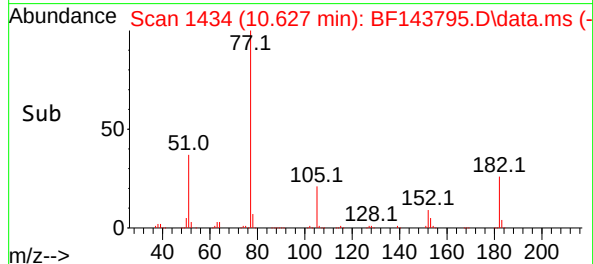
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



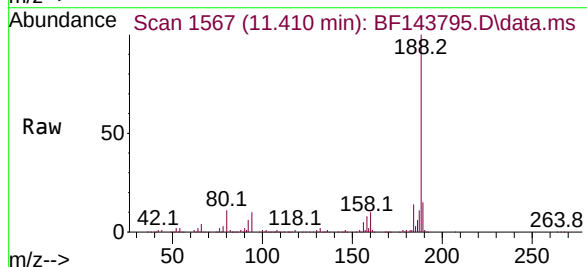
Tgt Ion: 77 Resp: 499929
Ion Ratio Lower Upper
77 100
182 25.9 5.9 45.9
105 22.3 2.3 42.3
51 37.6 17.6 57.6

Manual Integrations
APPROVED

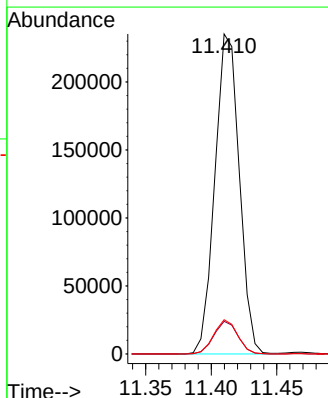
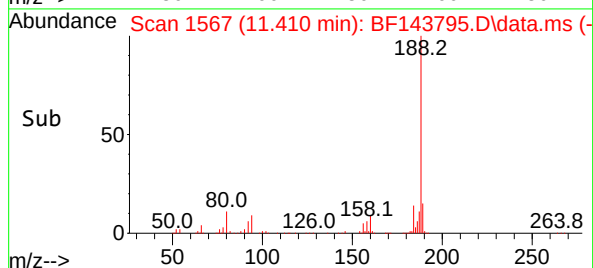
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

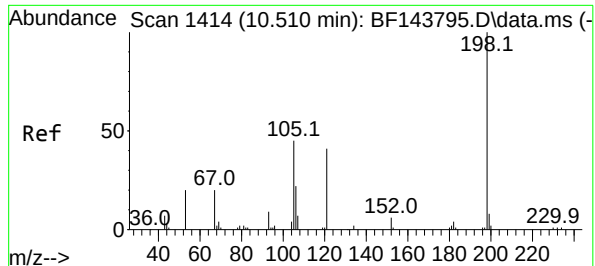


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



Tgt Ion:188 Resp: 304940
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.7 8.6 12.8





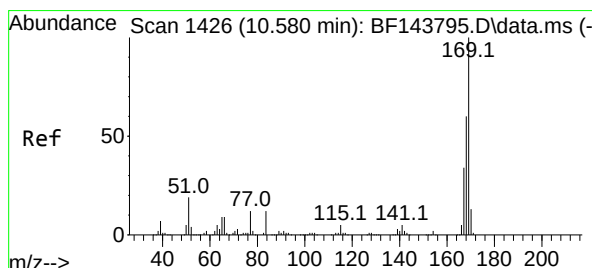
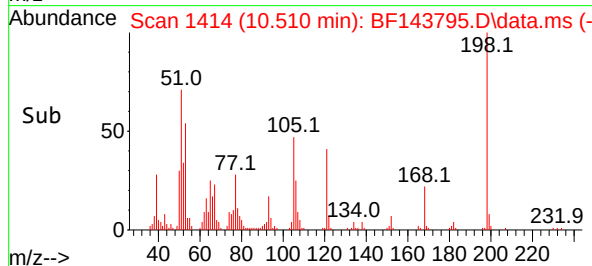
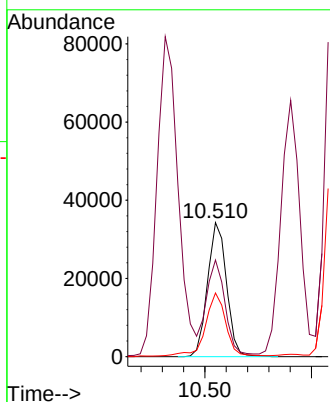
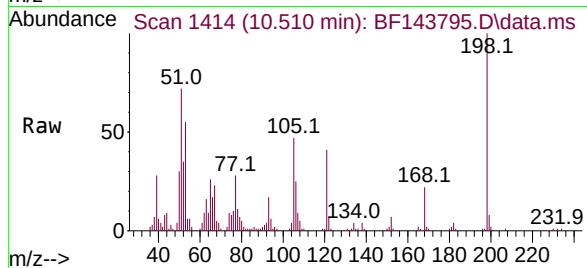
#65
4,6-Dinitro-2-methylphenol
Concen: 40.163 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 4244
Ion Ratio Lower Upper
198 100
51 72.0 52.0 92.0
105 47.5 27.5 67.5

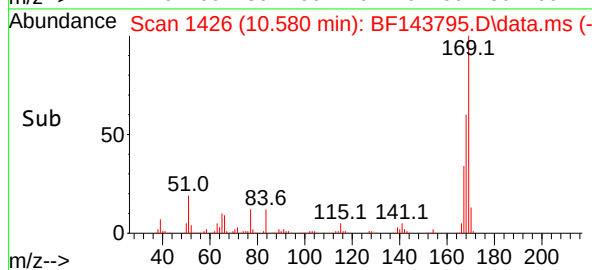
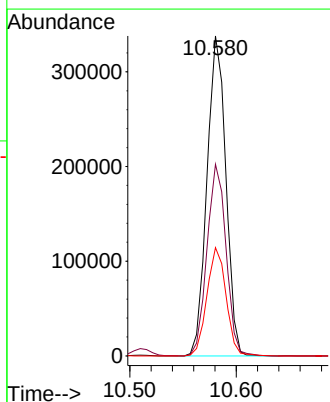
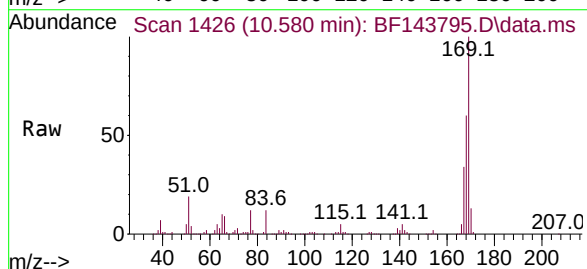
Manual Integrations
APPROVED

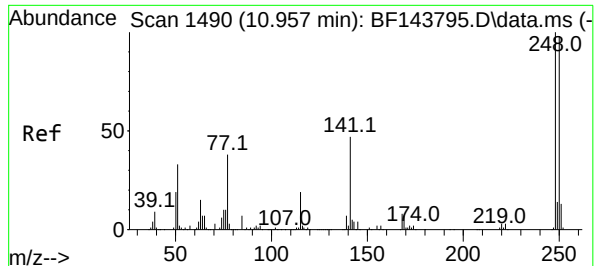
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 41.492 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

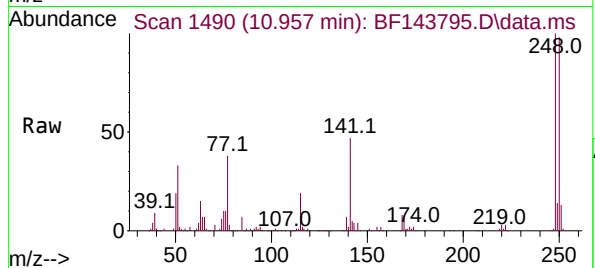
Tgt Ion:169 Resp: 416100
Ion Ratio Lower Upper
169 100
168 59.9 47.9 71.9
167 33.8 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 42.319 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

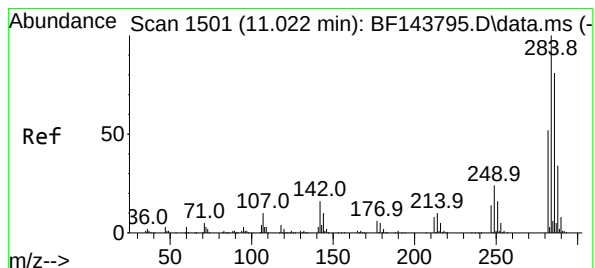
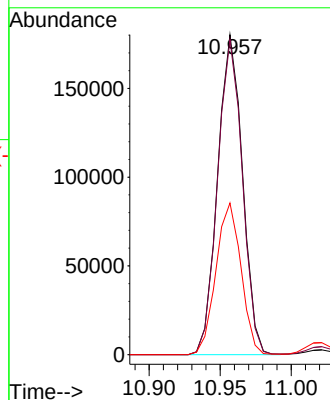
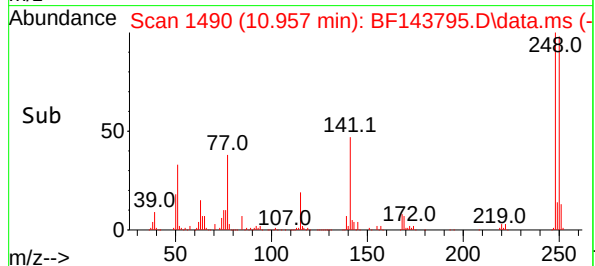
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



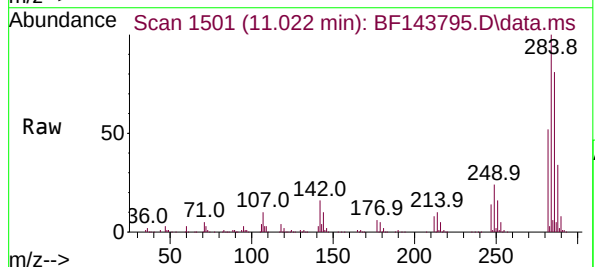
Tgt Ion:248 Resp: 219921
Ion Ratio Lower Upper
248 100
250 98.4 78.7 118.1
141 47.4 37.9 56.9

Manual Integrations
APPROVED

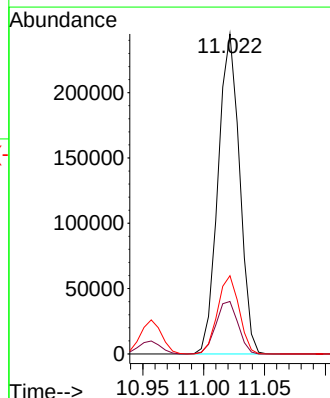
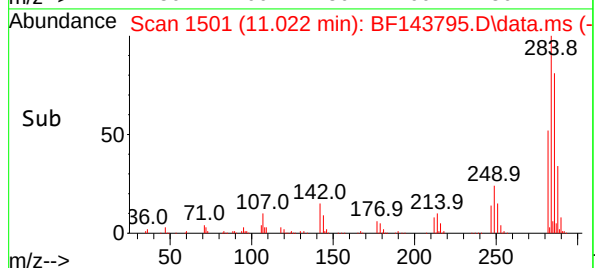
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

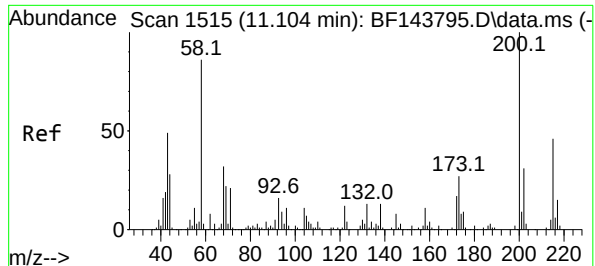


#68
Hexachlorobenzene
Concen: 41.941 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



Tgt Ion:284 Resp: 300364
Ion Ratio Lower Upper
284 100
142 16.4 13.1 19.7
249 24.4 19.5 29.3





#69

Atrazine

Concen: 44.222 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:200 Resp: 128423

Ion Ratio Lower Upper

200 100

173 27.2 7.2 47.2

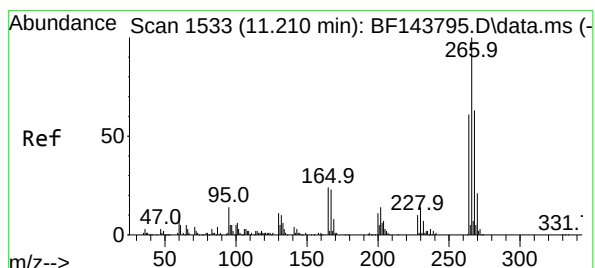
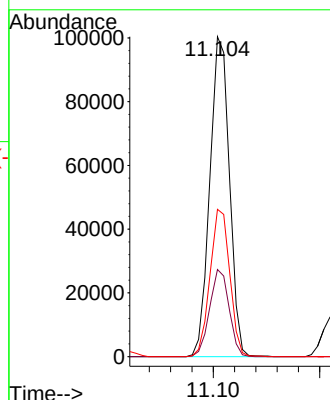
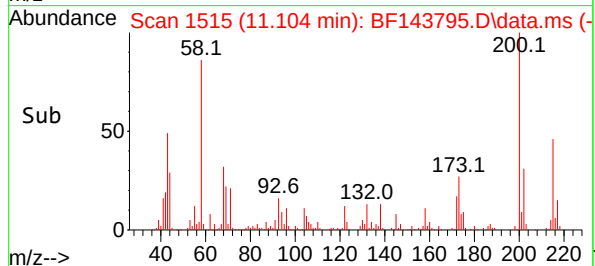
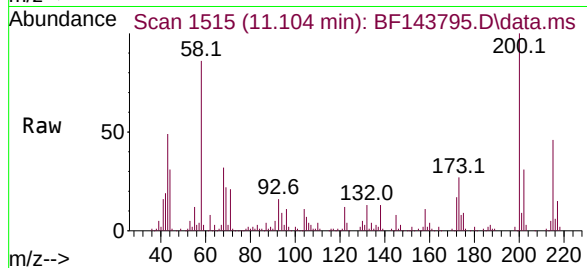
215 46.0 26.0 66.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

Concen: 43.781 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

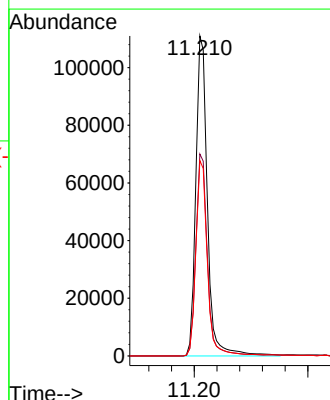
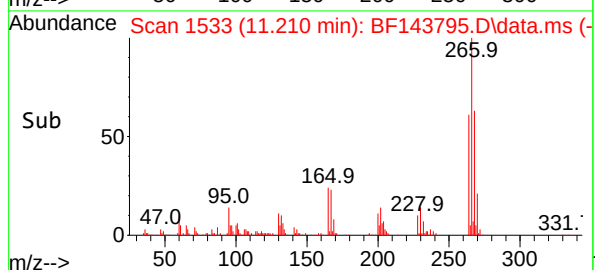
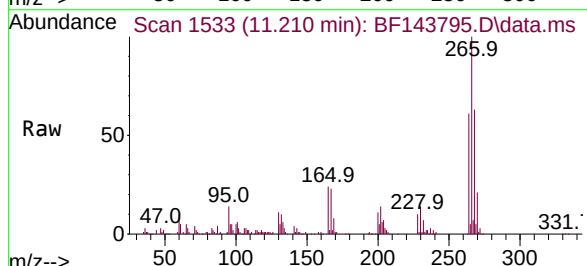
Tgt Ion:266 Resp: 156073

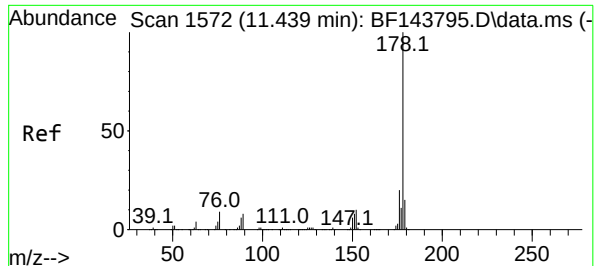
Ion Ratio Lower Upper

266 100

268 63.1 50.5 75.7

264 61.0 48.8 73.2





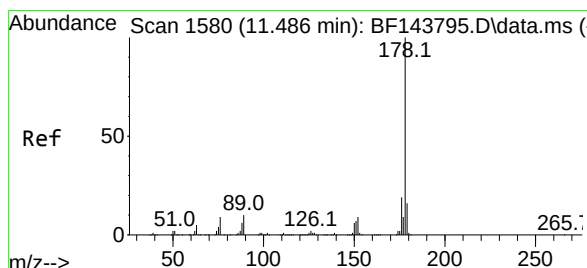
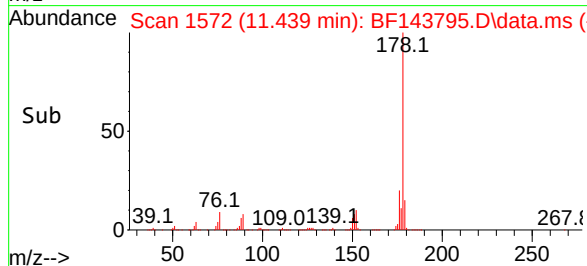
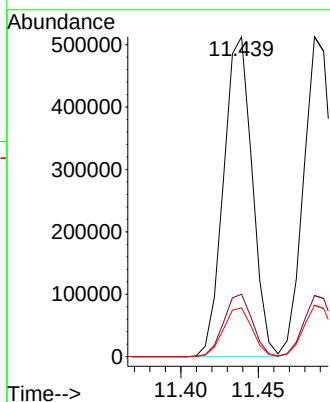
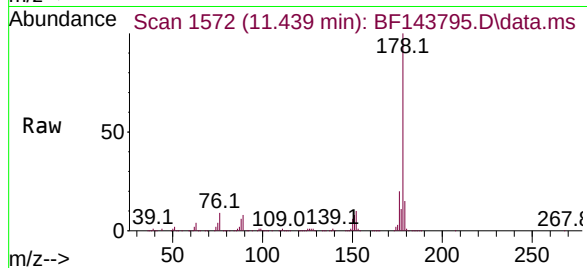
#71
Phenanthrene
Concen: 42.160 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:178 Resp: 660040
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.3 12.2 18.4

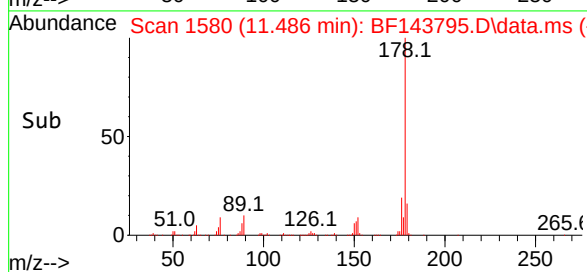
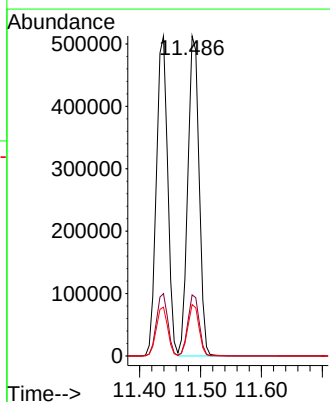
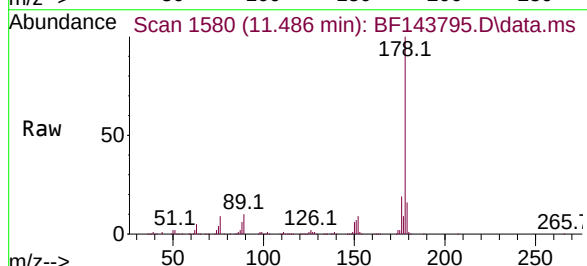
Manual Integrations
APPROVED

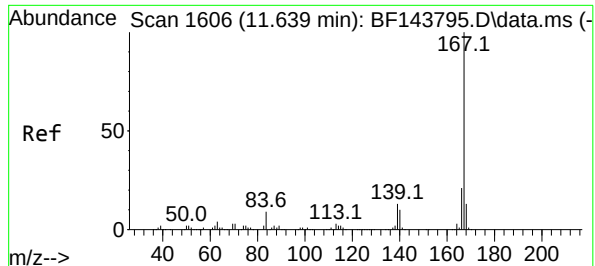
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#72
Anthracene
Concen: 42.075 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

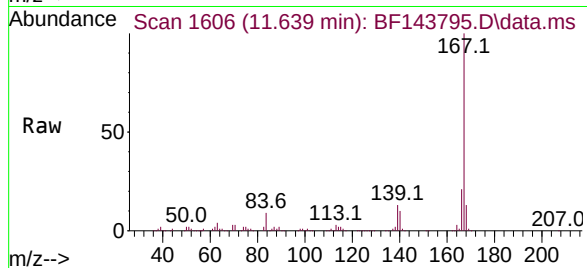
Tgt Ion:178 Resp: 660736
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.0 12.8 19.2





#73
Carbazole
Concen: 43.368 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

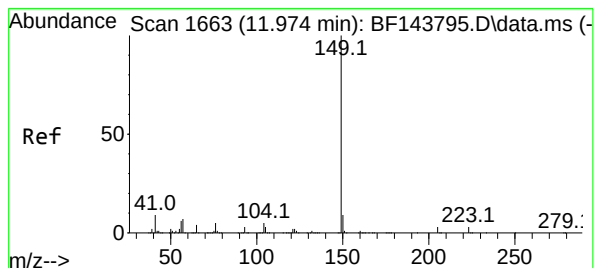
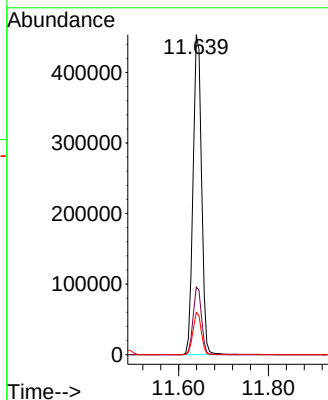
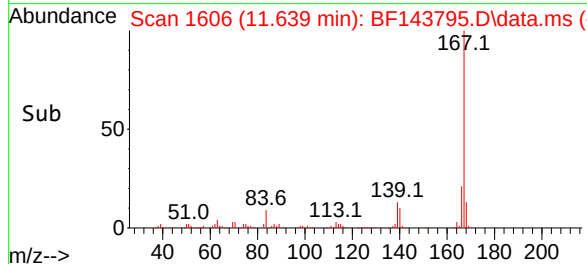
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



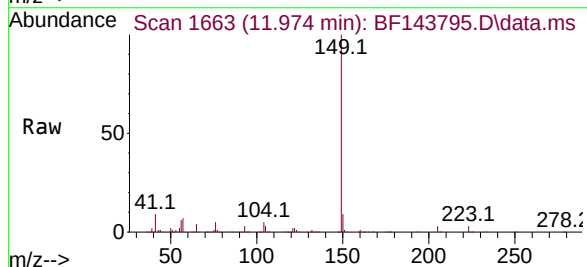
Tgt Ion:167 Resp: 595454
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 13.2 10.6 15.8

Manual Integrations
APPROVED

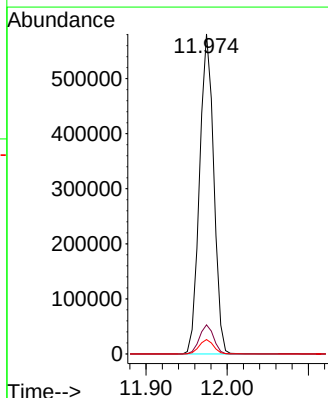
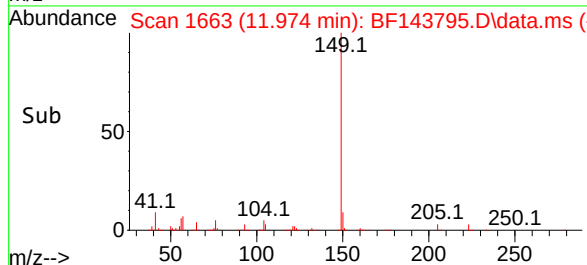
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

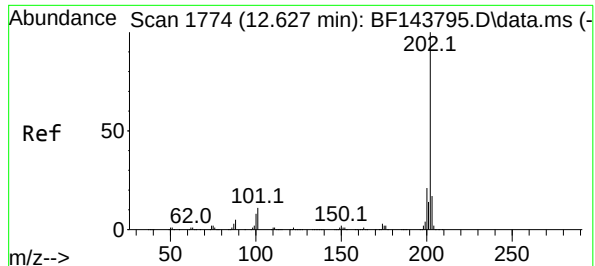


#74
Di-n-butylphthalate
Concen: 44.694 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



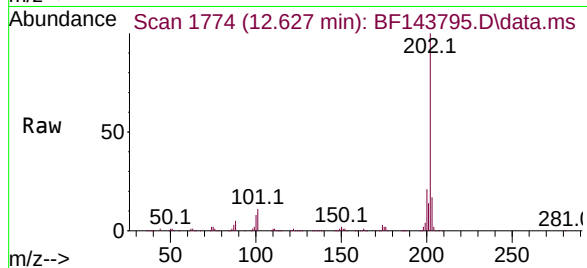
Tgt Ion:149 Resp: 705755
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 44.322 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

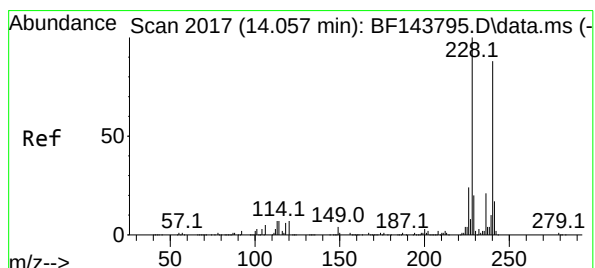
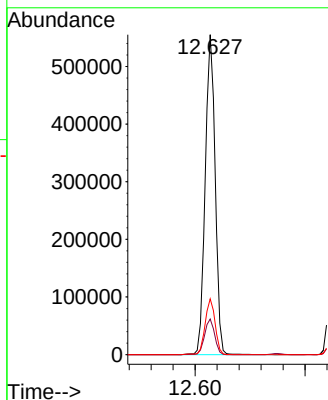
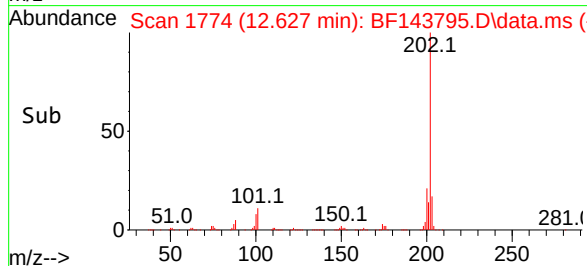
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 697899
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.4 0.0 37.4

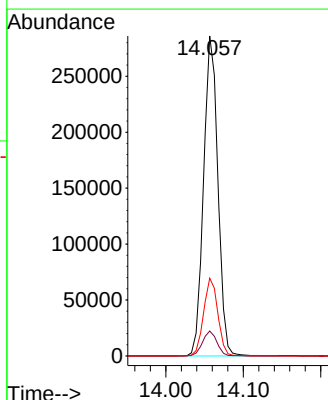
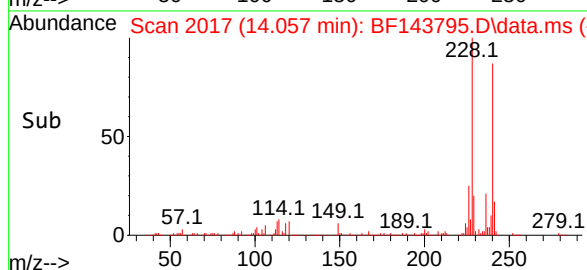
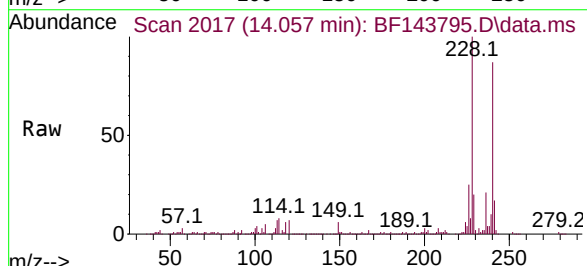
Manual Integrations
APPROVED

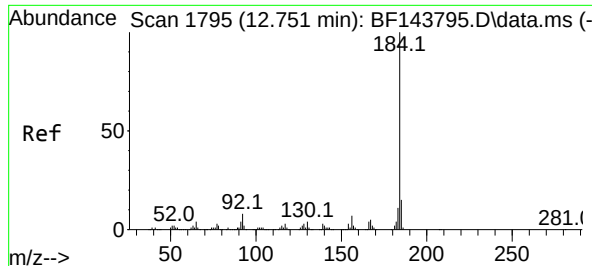
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

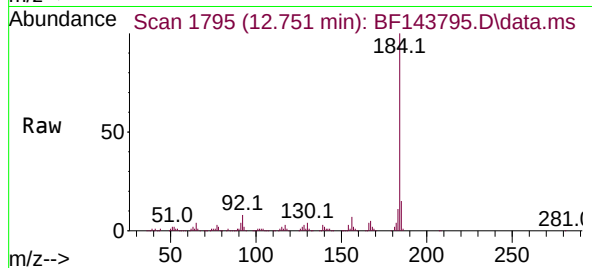
Tgt Ion:240 Resp: 365989
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.4
236 24.3 19.4 29.2





#77
Benzidine
Concen: 41.956 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

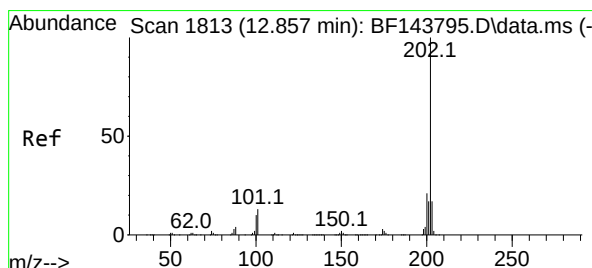
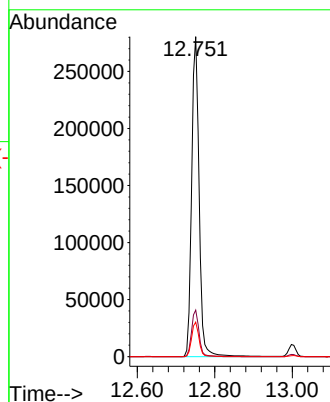
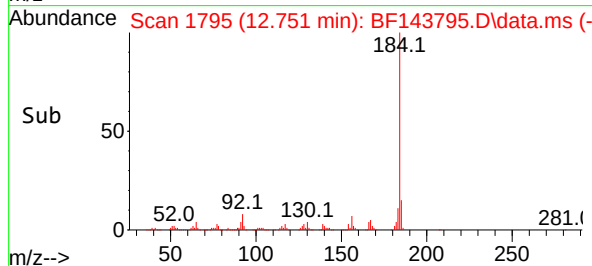
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 374182
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 10.8 8.6 13.0

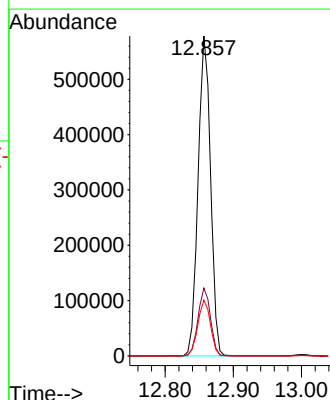
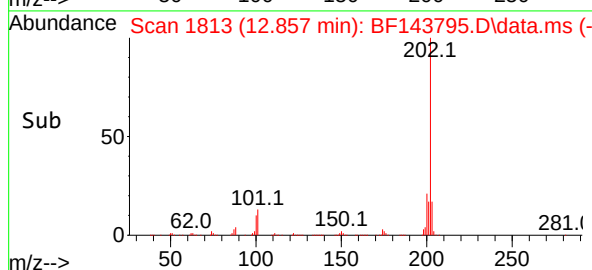
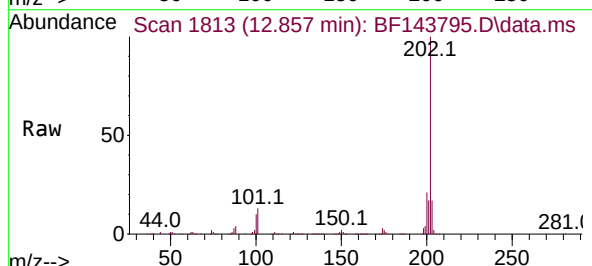
Manual Integrations
APPROVED

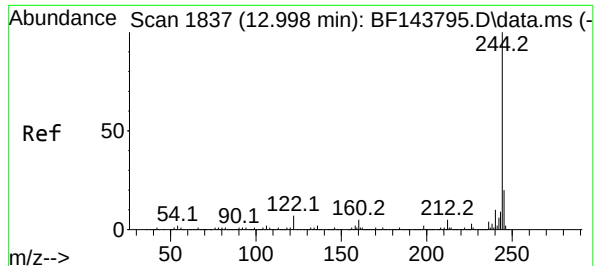
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 40.870 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:202 Resp: 735401
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 80.257 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143795.D

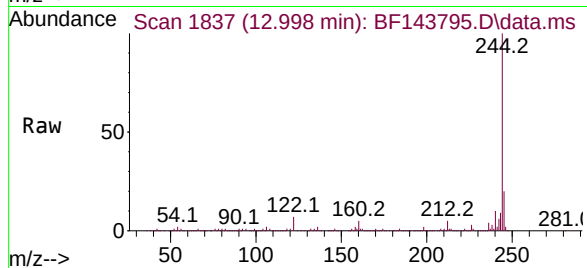
Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:244 Resp: 1496108

Ion Ratio Lower Upper

244 100

212 4.9 3.9 5.9

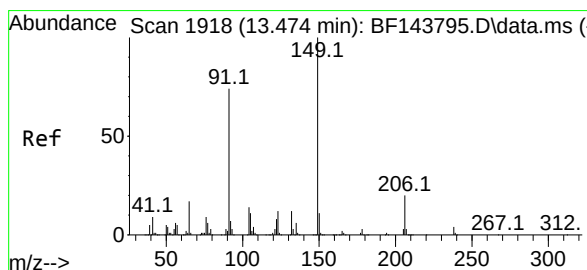
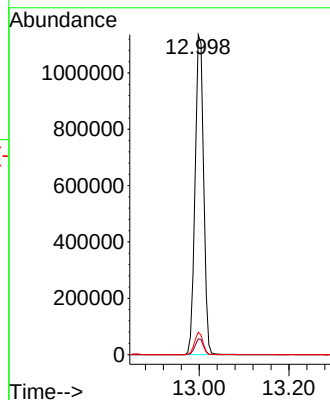
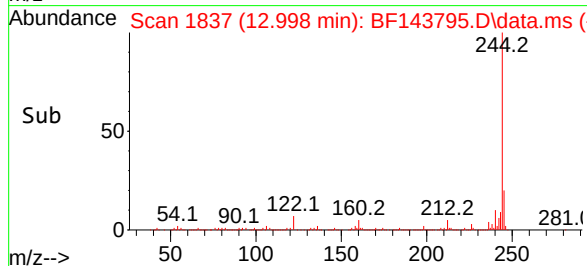
122 7.0 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#80

Butylbenzylphthalate

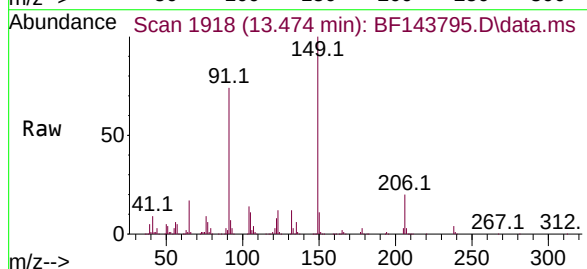
Concen: 46.027 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59



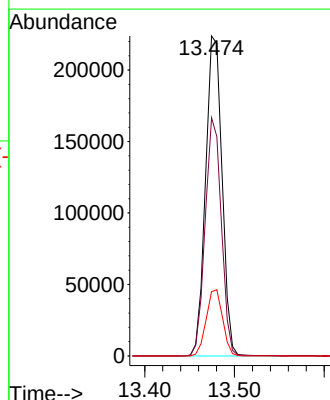
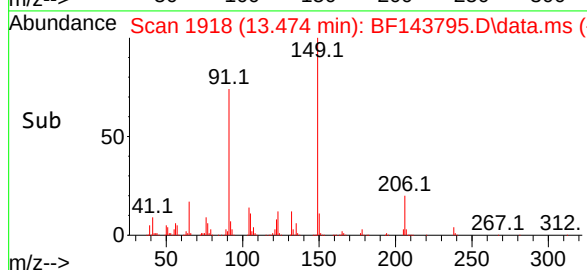
Tgt Ion:149 Resp: 286527

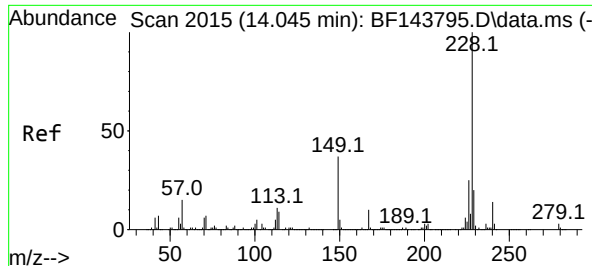
Ion Ratio Lower Upper

149 100

91 74.4 59.5 89.3

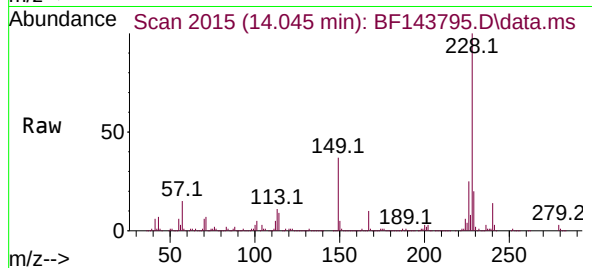
206 20.1 16.1 24.1





#81
Benzo(a)anthracene
Concen: 42.732 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

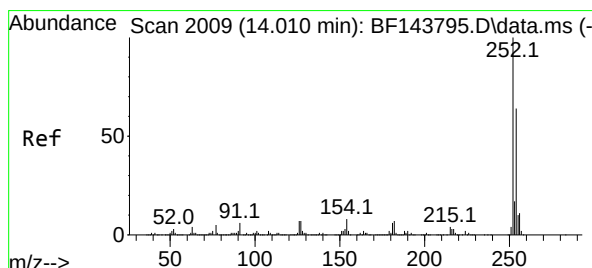
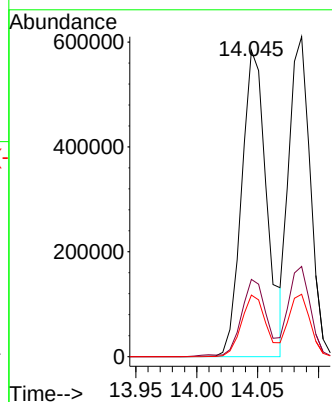
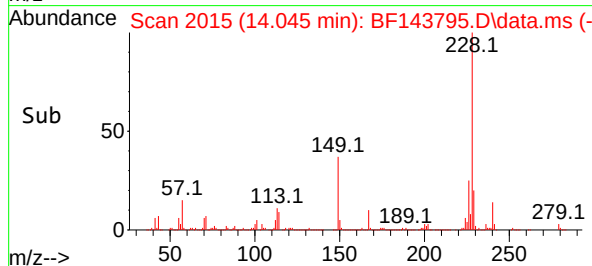
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 840188
Ion Ratio Lower Upper
228 100
226 25.2 20.2 30.2
229 20.1 16.1 24.1

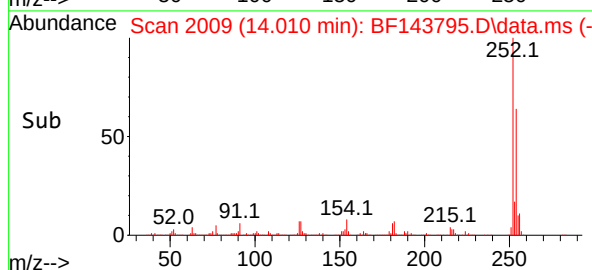
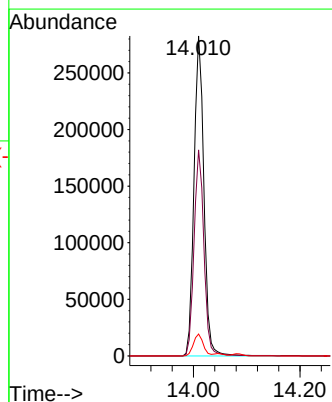
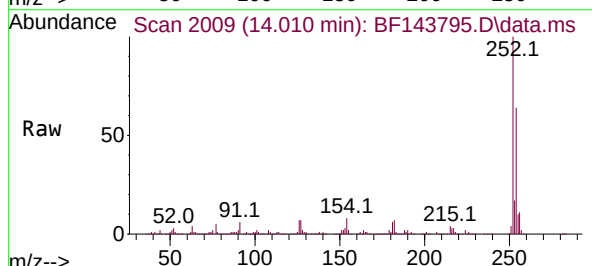
Manual Integrations
APPROVED

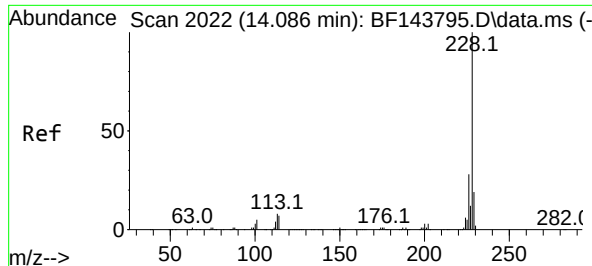
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 42.702 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

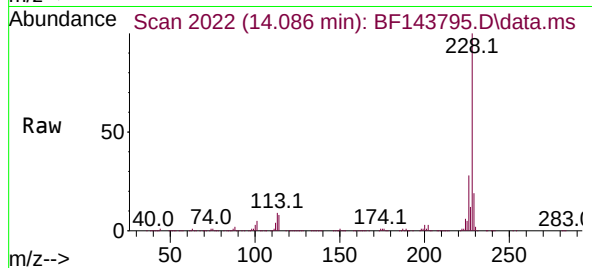
Tgt Ion:252 Resp: 363730
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 6.8 5.4 8.2





#83
Chrysene
Concen: 41.873 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

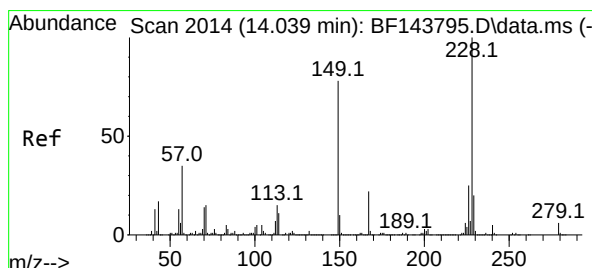
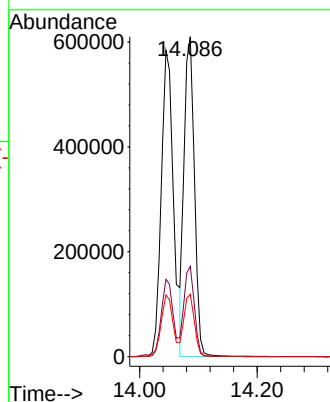
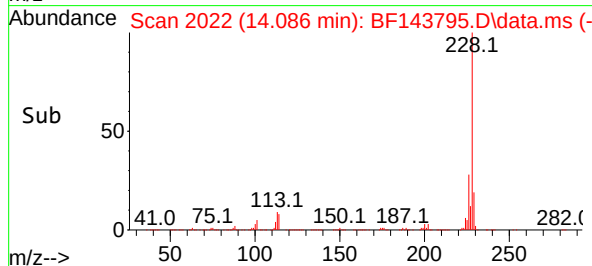
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



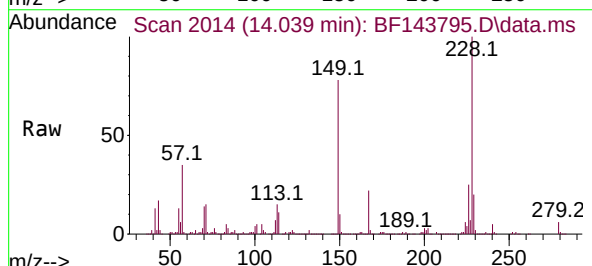
Tgt Ion:228 Resp: 744962
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.5 15.6 23.4

Manual Integrations
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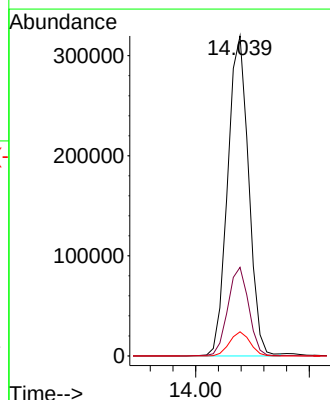
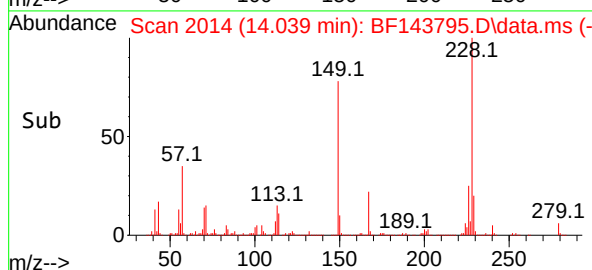
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

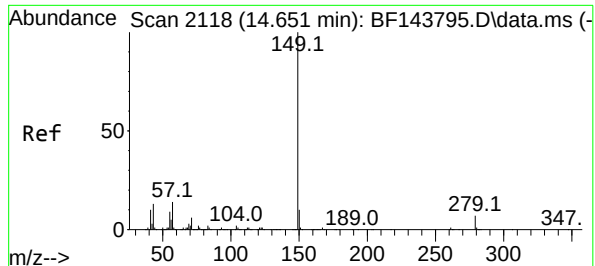


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.759 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59



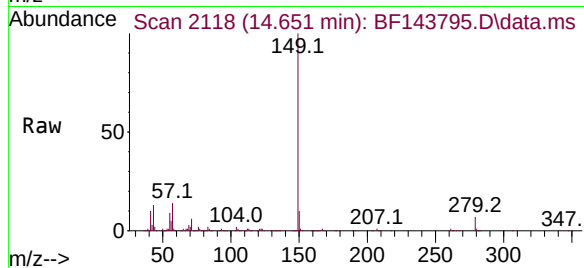
Tgt Ion:149 Resp: 408417
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.2
279 7.5 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 44.811 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

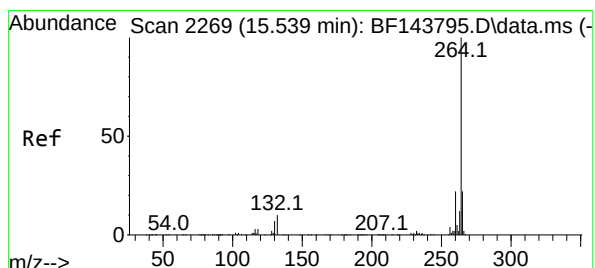
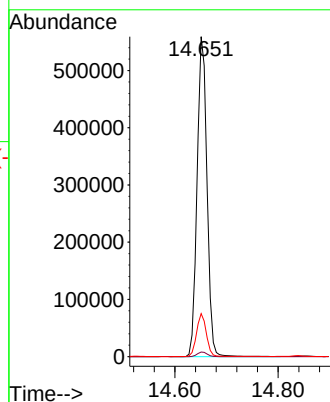
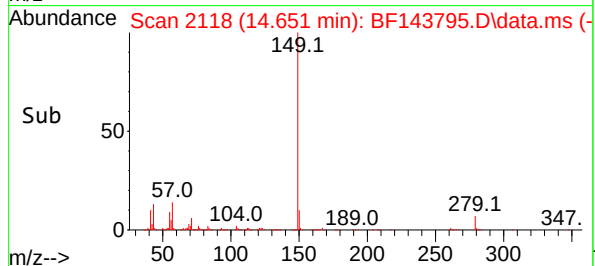
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 741702
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.4 10.7 16.1

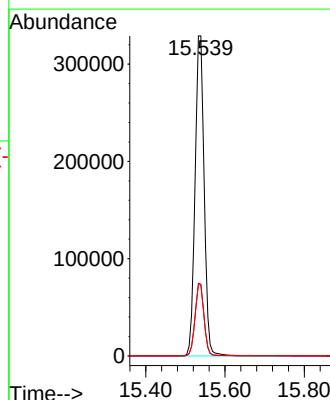
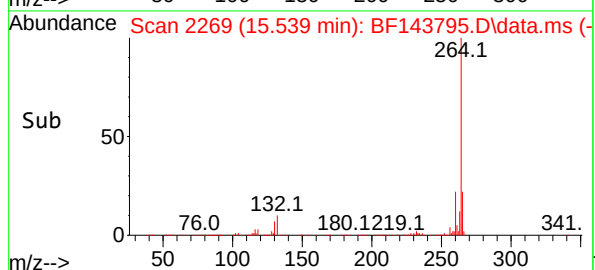
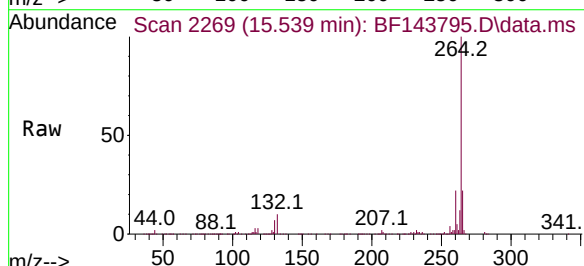
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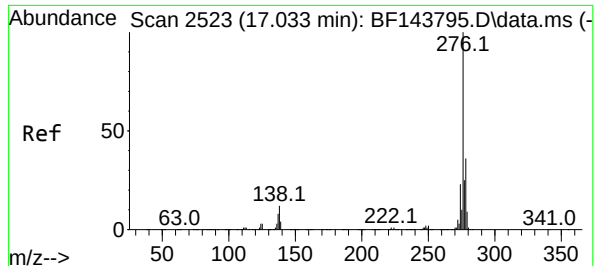
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

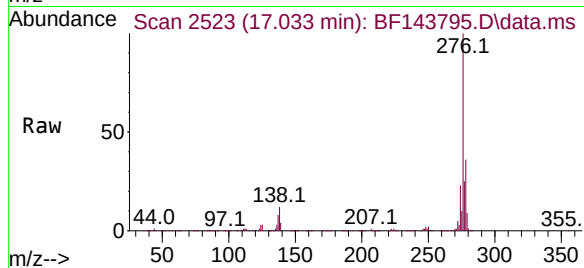
Tgt Ion:264 Resp: 525577
Ion Ratio Lower Upper
264 100
260 22.4 17.9 26.9
265 22.1 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.389 ng
RT: 17.033 min Scan# 2523
Delta R.T. -0.012 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

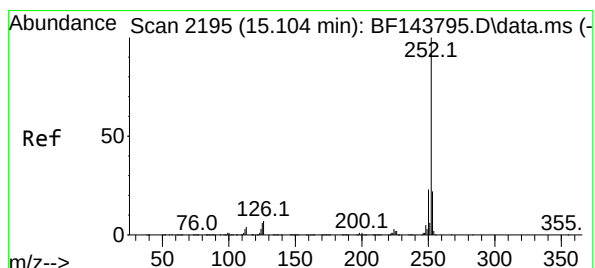
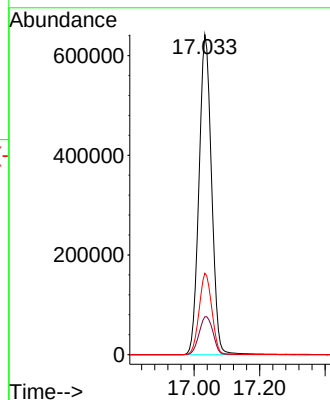
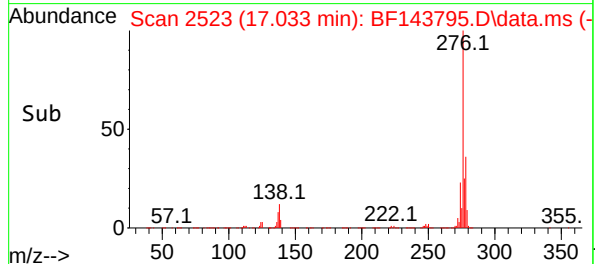
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 1690390
Ion Ratio Lower Upper
276 100
138 13.2 10.6 15.8
277 25.9 20.7 31.1

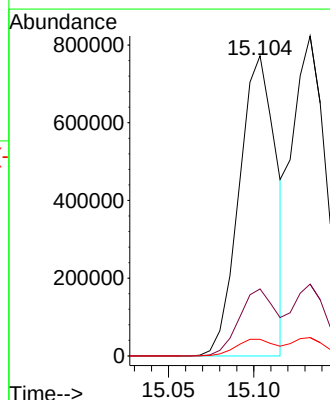
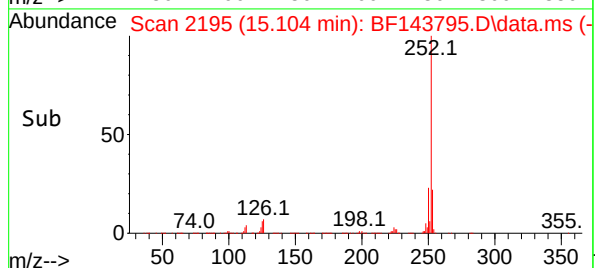
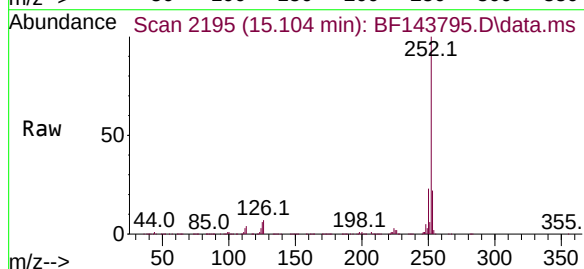
Manual Integrations
APPROVED

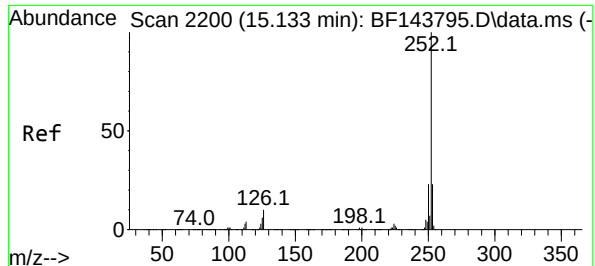
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#88
Benzo(b)fluoranthene
Concen: 43.365 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion: 252 Resp: 1160651
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 42.573 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 1144789

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

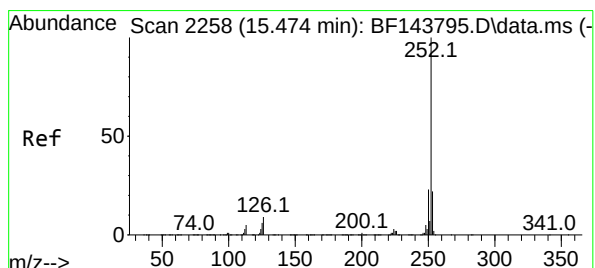
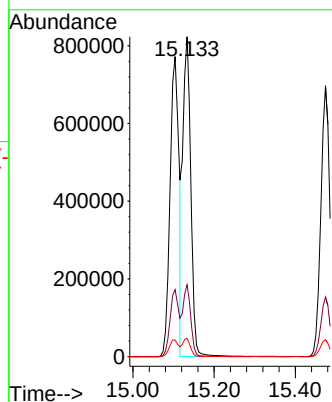
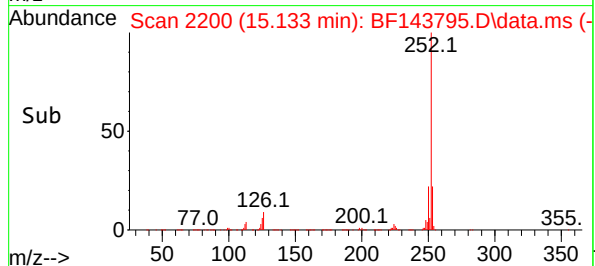
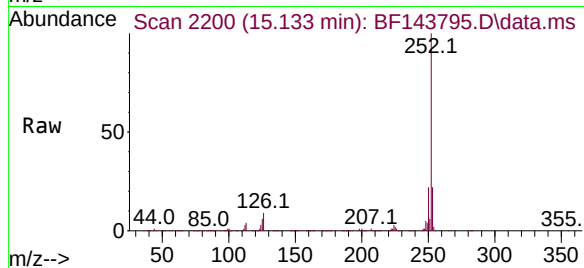
125 5.7 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 42.908 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143795.D

Acq: 23 Sep 2025 13:59

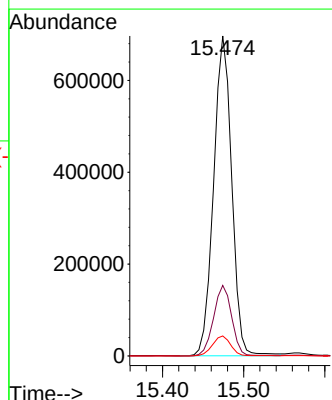
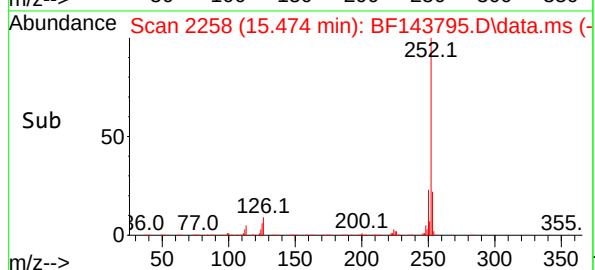
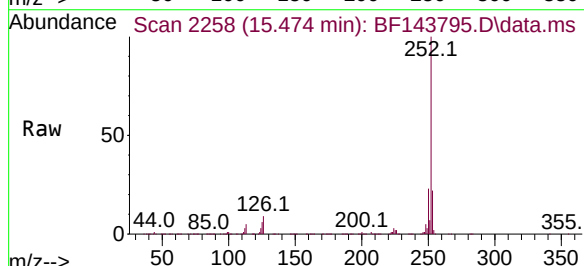
Tgt Ion:252 Resp: 1079512

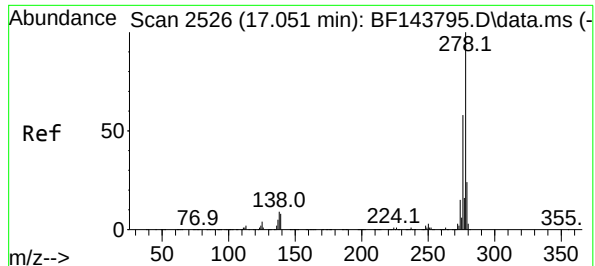
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

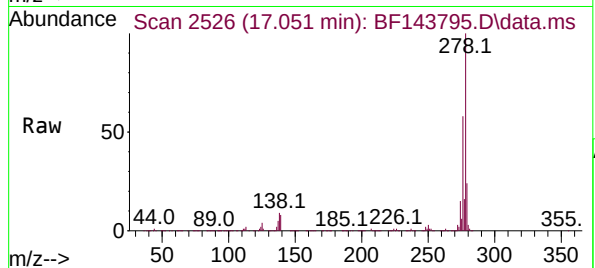
125 6.2 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 42.920 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

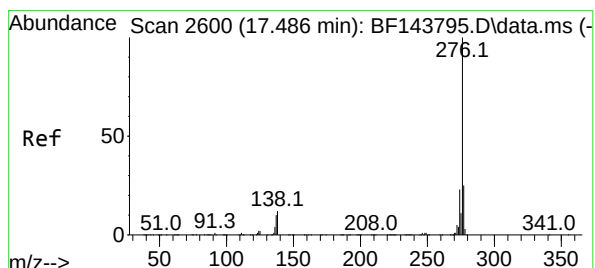
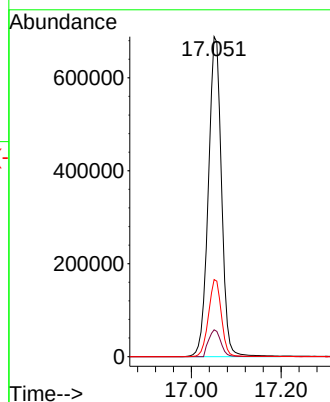
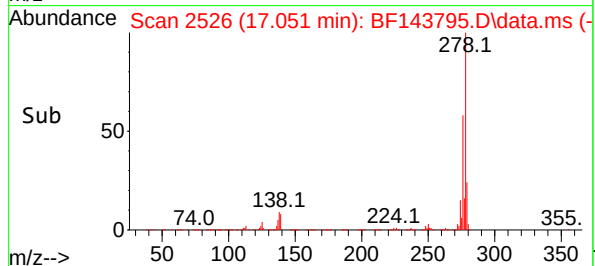
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:278 Resp: 1399884
Ion Ratio Lower Upper
278 100
139 8.4 6.7 10.1
279 24.1 19.3 28.9

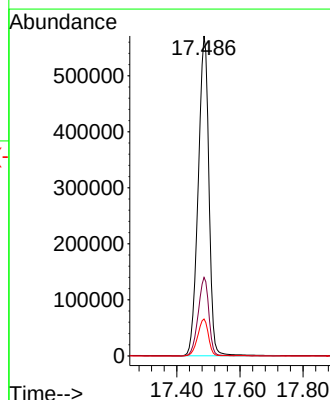
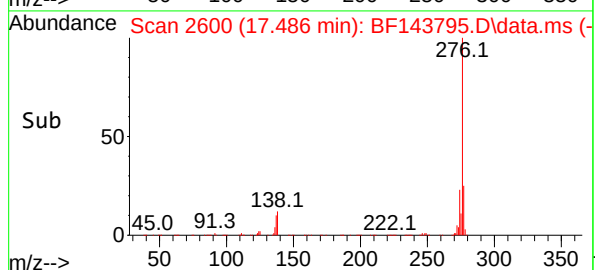
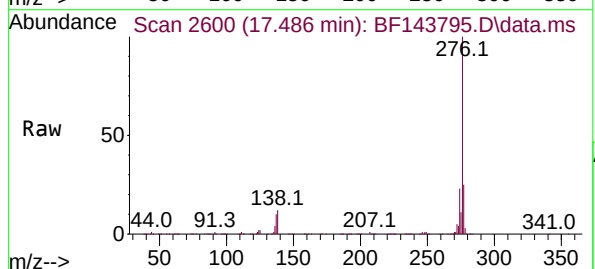
Manual Integrations
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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 42.757 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143795.D
Acq: 23 Sep 2025 13:59

Tgt Ion:276 Resp: 1344334
Ion Ratio Lower Upper
276 100
277 24.5 19.6 29.4
138 11.5 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143796.D
 Acq On : 23 Sep 2025 14:28
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	138683	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	501953	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	251921	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	388493	20.000	ng	0.00
76) Chrysene-d12	14.057	240	388120	20.000	ng	0.00
86) Perylene-d12	15.533	264	541272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	801520	93.013	ng	0.00
7) Phenol-d6	6.504	99	926468	91.106	ng	0.00
23) Nitrobenzene-d5	7.451	82	808554	101.372	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	354459	98.591	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1453709	85.274	ng	0.00
79) Terphenyl-d14	12.998	244	1903421	96.285	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	193379	47.331	ng	98
3) Pyridine	3.410	79	532244	48.261	ng	100
4) n-Nitrosodimethylamine	3.357	42	268794	48.607	ng	99
6) Aniline	6.545	93	672706	46.995	ng	99
8) 2-Chlorophenol	6.669	128	419160	47.967	ng	100
9) Benzaldehyde	6.440	77	459911	53.250	ng	98
10) Phenol	6.522	94	531938m	46.401	ng	
11) bis(2-Chloroethyl)ether	6.622	93	423912	47.173	ng	100
12) 1,3-Dichlorobenzene	6.828	146	466330	45.962	ng	98
13) 1,4-Dichlorobenzene	6.904	146	464335	45.859	ng	99
14) 1,2-Dichlorobenzene	7.057	146	442761	46.170	ng	99
15) Benzyl Alcohol	7.022	79	348008	48.833	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1004151	47.124	ng	99
17) 2-Methylphenol	7.128	107	325304	48.084	ng	99
18) Hexachloroethane	7.404	117	167022	46.905	ng	96
19) n-Nitroso-di-n-propyla...	7.298	70	292083	46.054	ng	98
20) 3+4-Methylphenols	7.287	107	394272	47.855	ng	# 90
22) Acetophenone	7.298	105	503776	45.695	ng	99
24) Nitrobenzene	7.469	77	448291	49.320	ng	98
25) Isophorone	7.704	82	782800	48.987	ng	100
26) 2-Nitrophenol	7.787	139	188140	50.281	ng	94
27) 2,4-Dimethylphenol	7.816	122	351504	49.214	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	492835	47.470	ng	100
29) 2,4-Dichlorophenol	8.022	162	342962	48.801	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	345360	47.353	ng	100
31) Naphthalene	8.192	128	1112658	46.304	ng	100
32) Benzoic acid	7.910	122	185973	53.967	ng	96
33) 4-Chloroaniline	8.239	127	405365	48.005	ng	100
34) Hexachlorobutadiene	8.310	225	258638	47.570	ng	99
35) Caprolactam	8.604	113	92410	51.444	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	327629	49.707	ng	97
37) 2-Methylnaphthalene	8.881	142	712848	46.524	ng	99
38) 1-Methylnaphthalene	8.981	142	689609	47.022	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	351998	46.300	ng	99
41) Hexachlorocyclopentadiene	9.034	237	240402	49.894	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	238499	50.100	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143796.D
 Acq On : 23 Sep 2025 14:28
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	239256	48.050	ng	99
46) 1,1'-Biphenyl	9.345	154	838250	45.967	ng	99
47) 2-Chloronaphthalene	9.375	162	678591	46.229	ng	99
48) 2-Nitroaniline	9.463	65	239106	53.895	ng	99
49) Acenaphthylene	9.786	152	943926	46.711	ng	100
50) Dimethylphthalate	9.639	163	738918	48.124	ng	100
51) 2,6-Dinitrotoluene	9.704	165	141300	56.010	ng	98
52) Acenaphthene	9.957	154	613218	46.113	ng	99
53) 3-Nitroaniline	9.875	138	163244	53.384	ng	100
54) 2,4-Dinitrophenol	9.975	184	41616	49.728	ng	# 73
55) Dibenzofuran	10.133	168	867169	46.115	ng	100
56) 4-Nitrophenol	10.022	139	121266	49.212	ng	95
57) 2,4-Dinitrotoluene	10.104	165	185701	49.496	ng	99
58) Fluorene	10.475	166	632710	45.259	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	223693	52.440	ng	99
60) Diethylphthalate	10.345	149	692482	48.178	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	332223	46.640	ng	98
62) 4-Nitroaniline	10.486	138	152165	52.923	ng	99
63) Azobenzene	10.628	77	722936	47.725	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	72195	50.124	ng	90
66) n-Nitrosodiphenylamine	10.586	169	603084	47.203	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	324243	48.975	ng	99
68) Hexachlorobenzene	11.022	284	433735	47.539	ng	99
69) Atrazine	11.110	200	180897	48.894	ng	98
70) Pentachlorophenol	11.216	266	231733	51.024	ng	99
71) Phenanthrene	11.439	178	920438	46.149	ng	100
72) Anthracene	11.492	178	936801	46.825	ng	99
73) Carbazole	11.639	167	814499	46.564	ng	100
74) Di-n-butylphthalate	11.975	149	990005	49.211	ng	100
75) Fluoranthene	12.627	202	926047	46.163	ng	99
77) Benzidine	12.751	184	553563	58.531	ng	99
78) Pyrene	12.857	202	960254	50.323	ng	99
80) Butylbenzylphthalate	13.474	149	356288	53.969	ng	99
81) Benzo(a)anthracene	14.045	228	1009406	48.411	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	445355	49.304	ng	100
83) Chrysene	14.086	228	882028	46.750	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	489947	50.632	ng	100
85) Di-n-octyl phthalate	14.651	149	875478	49.877	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	2041373	49.707	ng	99
88) Benzo(b)fluoranthene	15.104	252	1356316	49.206	ng	100
89) Benzo(k)fluoranthene	15.133	252	1347591	48.662	ng	100
90) Benzo(a)pyrene	15.474	252	1283604	49.541	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	1673679	49.826	ng	99
92) Benzo(g,h,i)perylene	17.486	276	1623902	50.151	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143796.D
 Acq On : 23 Sep 2025 14:28
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025

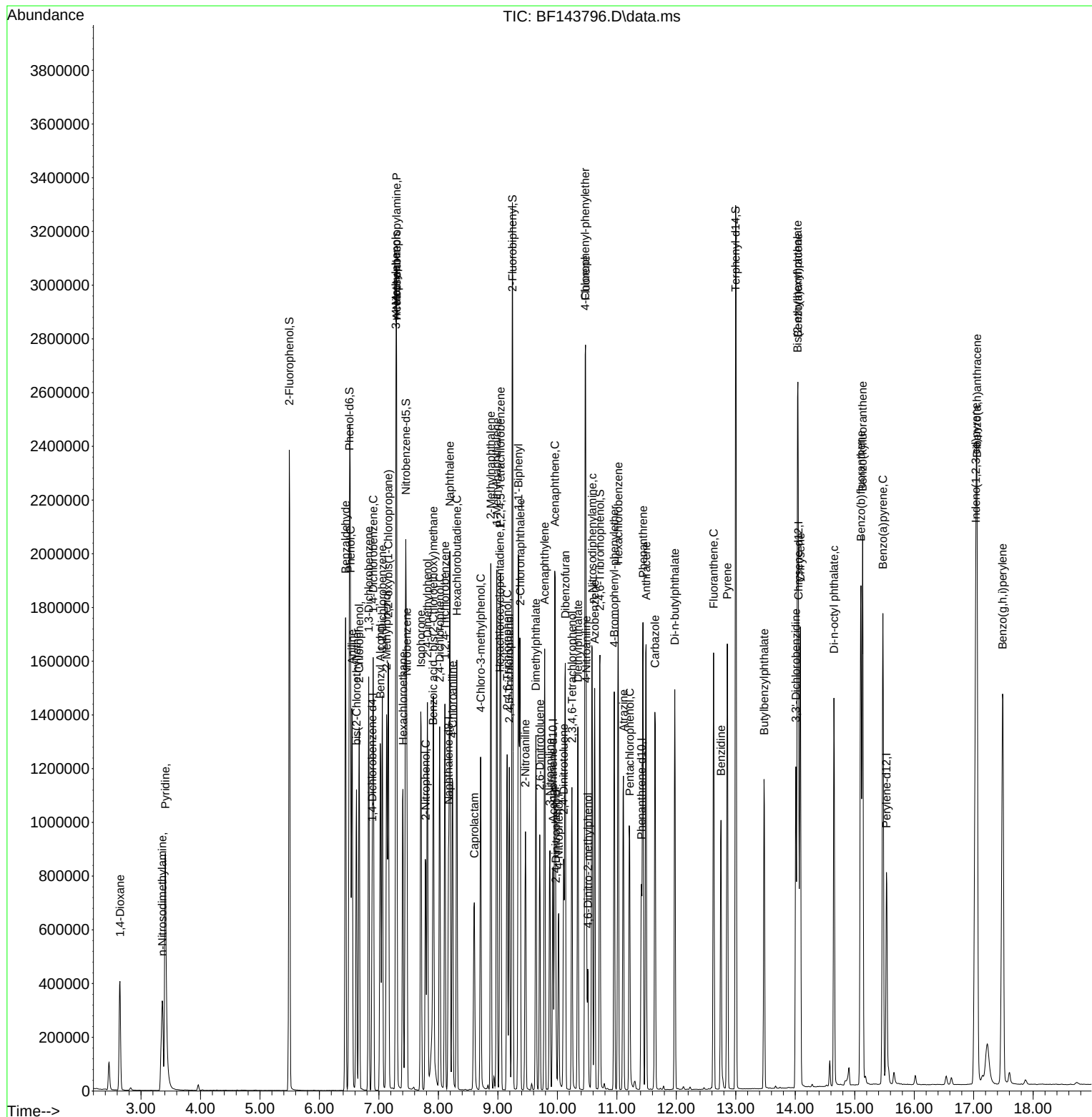
Quant Time: Sep 23 17:06:47 2025

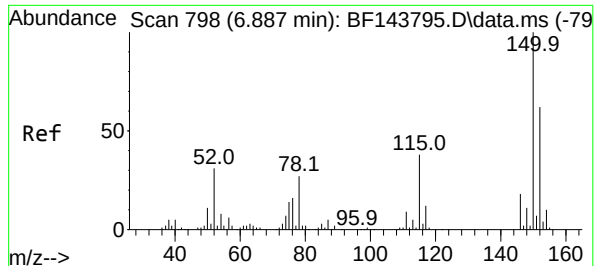
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 23 16:31:21 2025

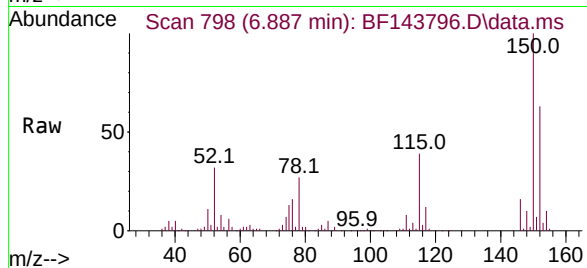
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

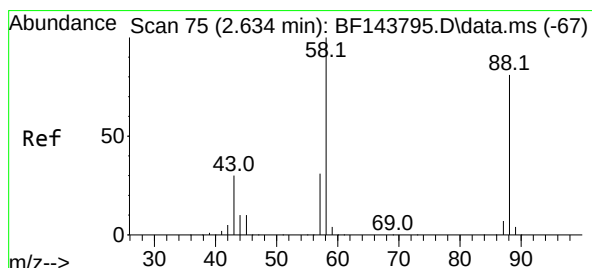
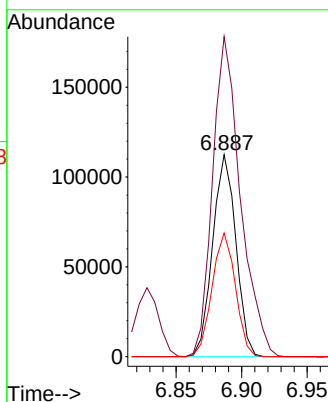
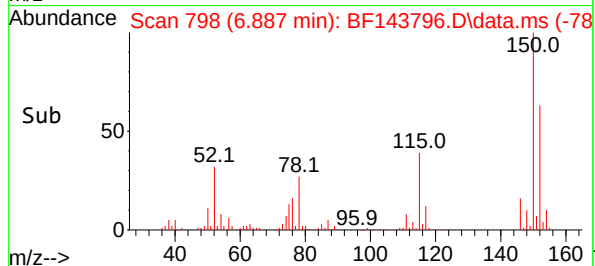
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:152 Resp: 138683
Ion Ratio Lower Upper
152 100
150 158.4 129.6 194.4
115 61.2 49.0 73.4

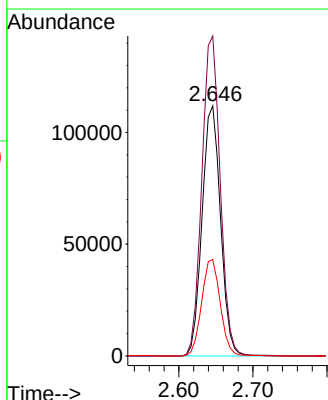
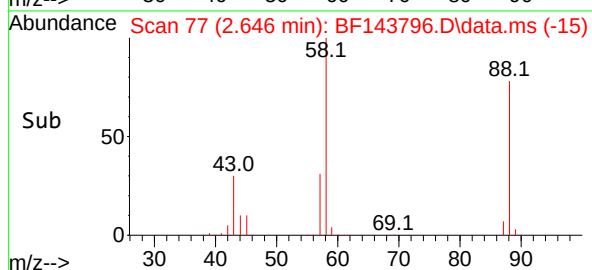
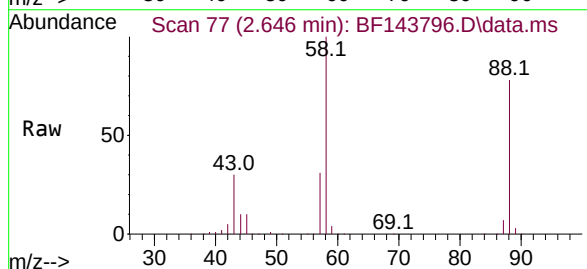
Manual Integrations
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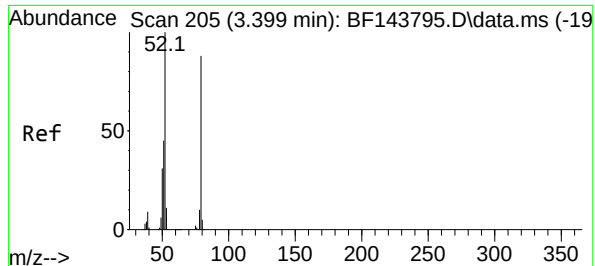
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 47.331 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

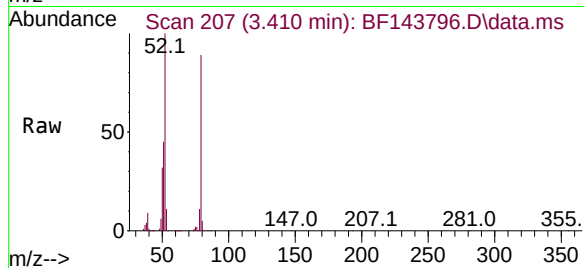
Tgt Ion: 88 Resp: 193379
Ion Ratio Lower Upper
88 100
58 127.4 99.4 149.2
43 38.9 30.6 45.8





#3
Pyridine
Concen: 48.261 ng
RT: 3.410 min Scan# 205
Delta R.T. 0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

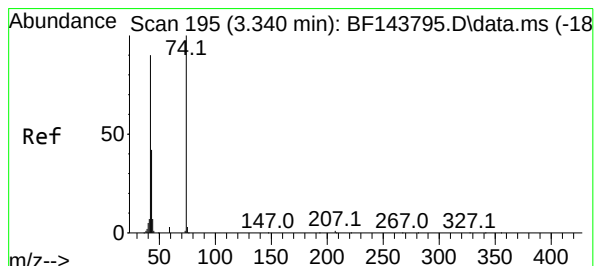
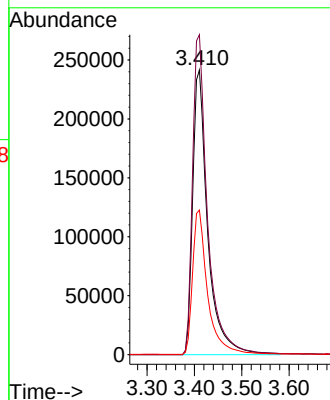
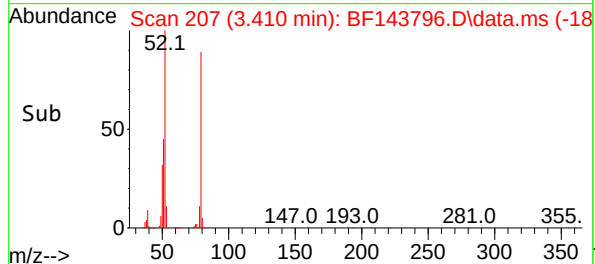
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 532244
Ion Ratio Lower Upper
79 100
52 112.5 90.5 135.7
51 50.8 40.6 61.0

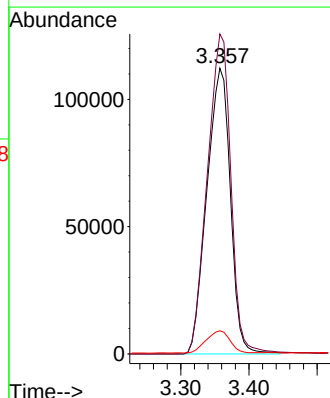
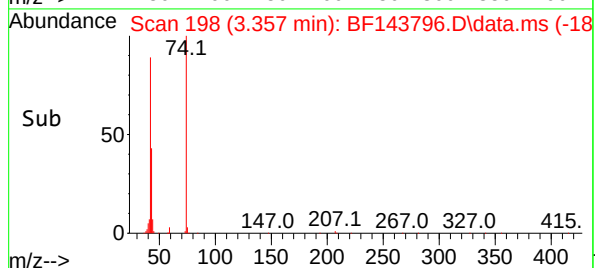
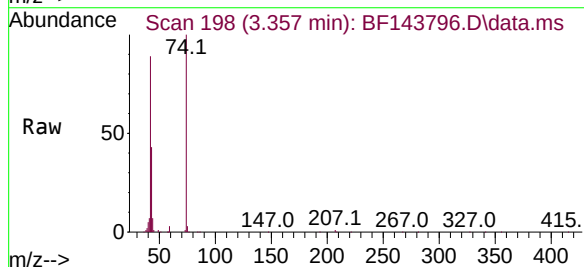
Manual Integrations
APPROVED

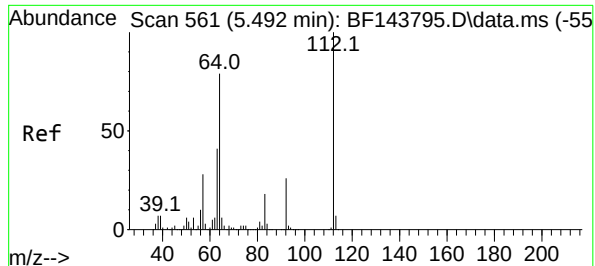
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 48.607 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 42 Resp: 268794
Ion Ratio Lower Upper
42 100
74 112.0 89.1 133.7
44 8.1 6.4 9.6





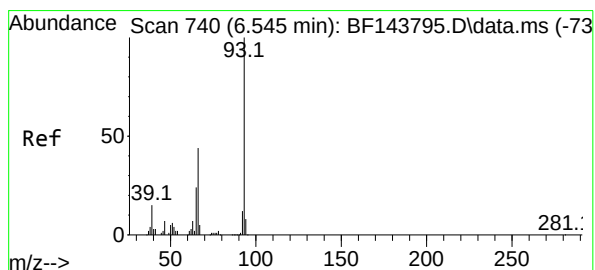
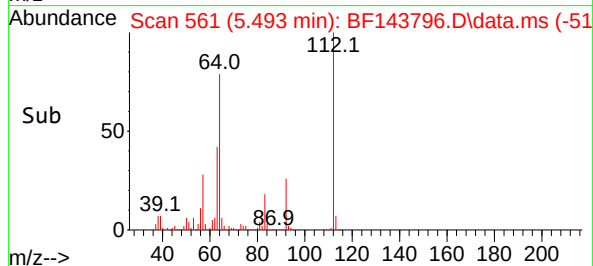
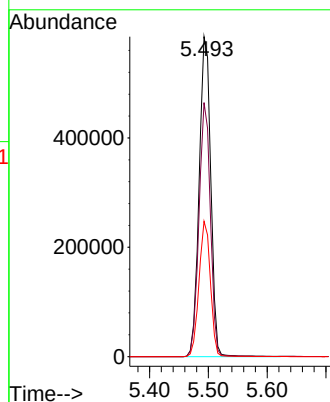
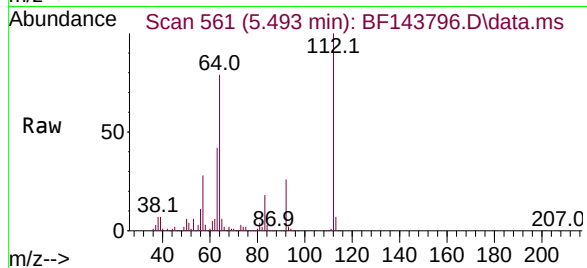
#5
2-Fluorophenol
Concen: 93.013 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:112 Resp: 801520
Ion Ratio Lower Upper
112 100
64 79.4 63.0 94.4
63 42.3 32.6 49.0

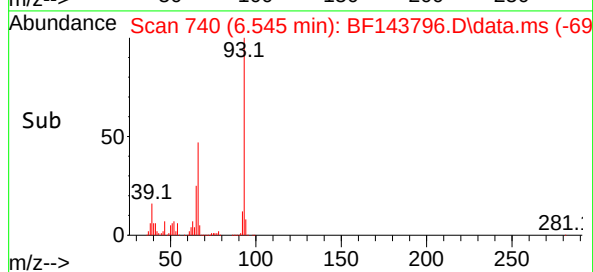
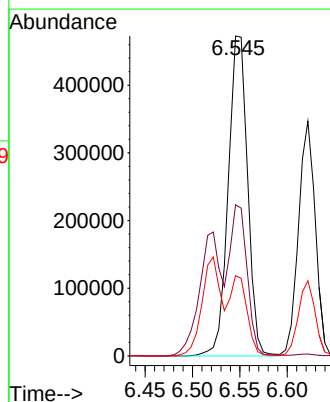
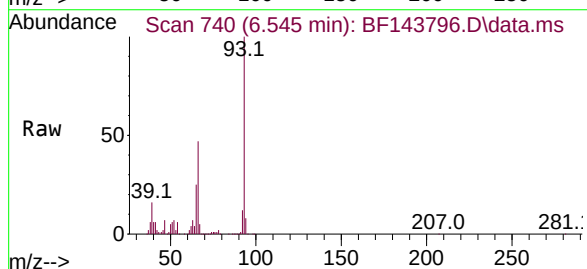
Manual Integrations
APPROVED

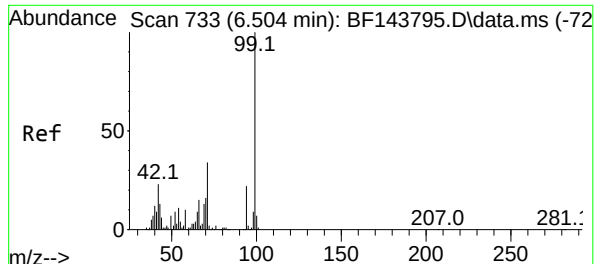
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 46.995 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

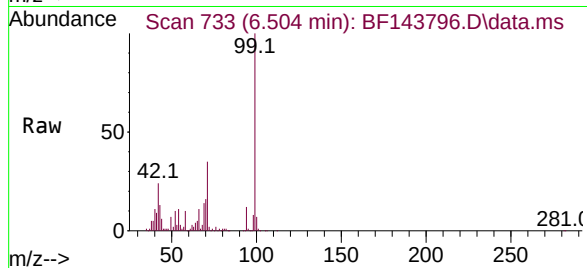
Tgt Ion: 93 Resp: 672706
Ion Ratio Lower Upper
93 100
66 47.2 37.1 55.7
65 25.1 19.4 29.0





#7
Phenol-d6
Concen: 91.106 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

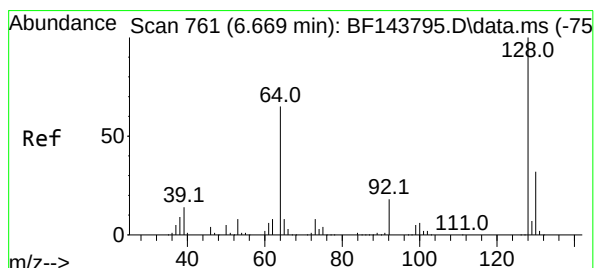
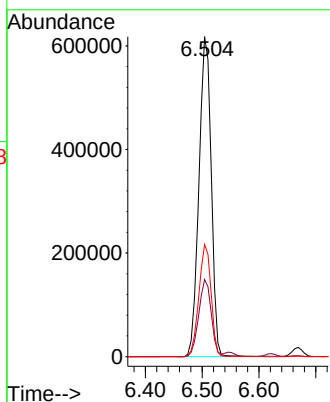
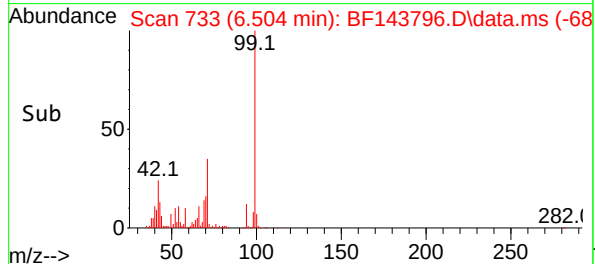
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



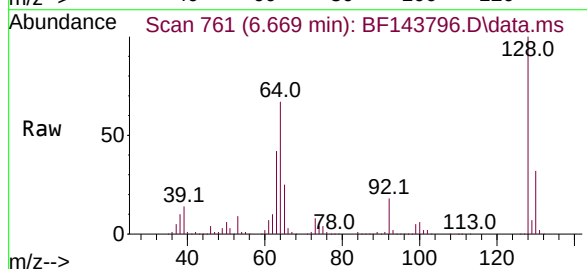
Tgt Ion: 99 Resp: 926468
Ion Ratio Lower Upper
99 100
42 24.1 18.6 28.0
71 35.0 27.0 40.4

Manual Integrations
APPROVED

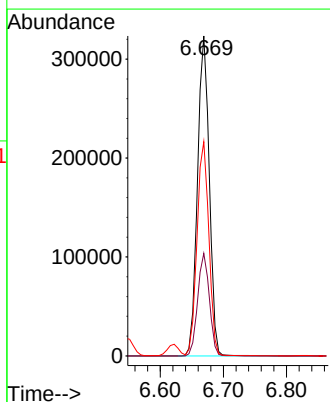
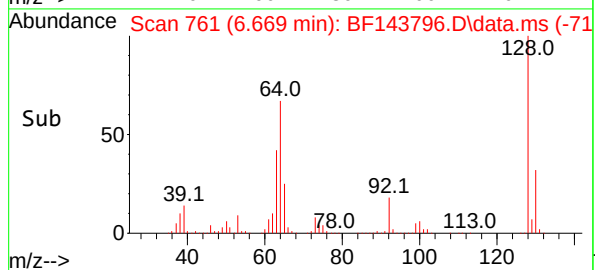
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

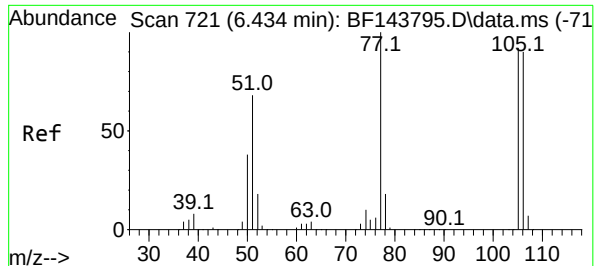


#8
2-Chlorophenol
Concen: 47.967 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion:128 Resp: 419160
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 66.9 46.5 86.5





#9

Benzaldehyde

Concen: 53.250 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 77 Resp: 45991

Ion Ratio Lower Upper

77 100

105 93.9 71.8 111.8

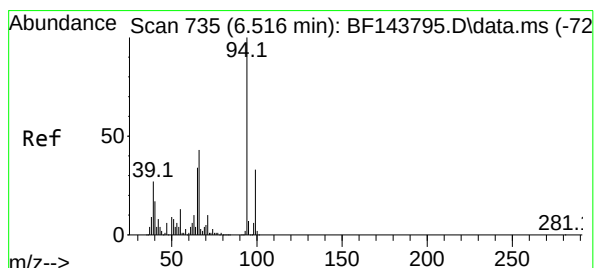
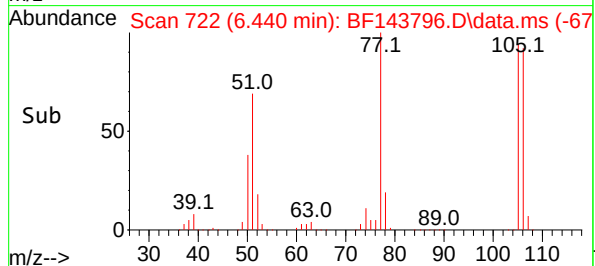
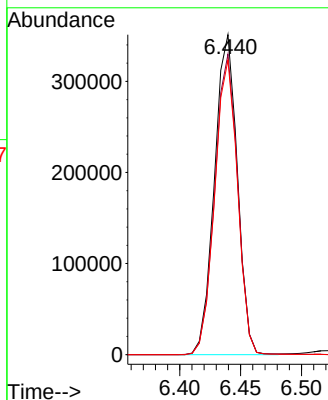
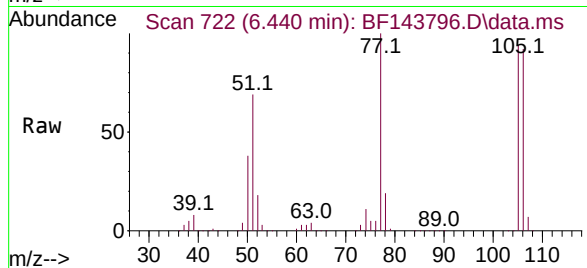
106 92.0 69.8 109.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#10

Phenol

Concen: 46.401 ng m

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

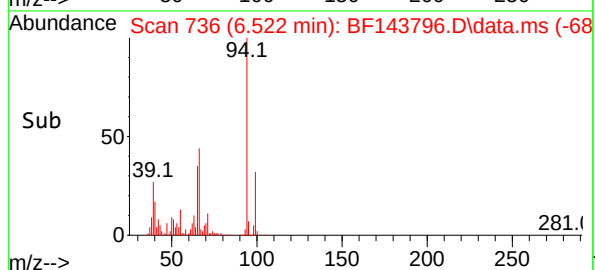
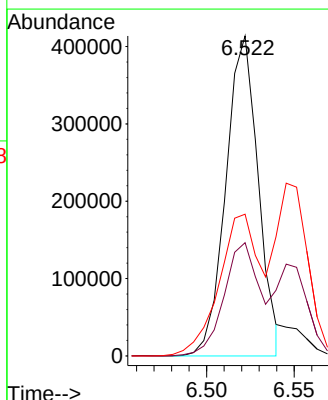
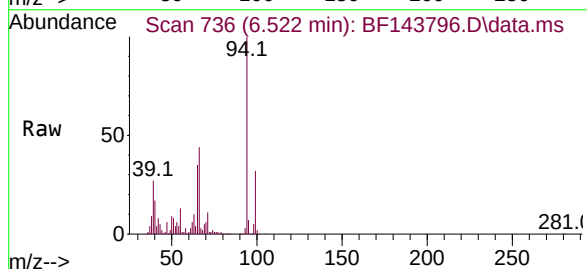
Tgt Ion: 94 Resp: 531938

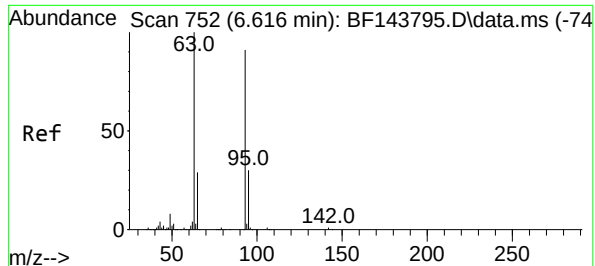
Ion Ratio Lower Upper

94 100

65 35.4 14.2 54.2

66 44.3 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 47.173 ng

RT: 6.622 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 423912

Ion Ratio Lower Upper

93 100

63 108.9 89.2 129.2

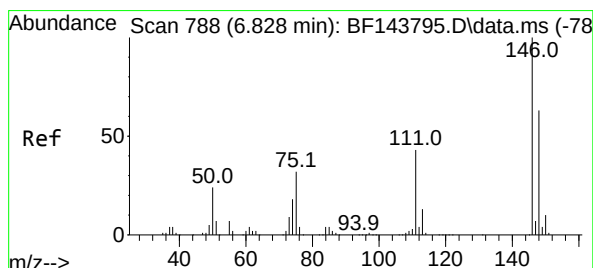
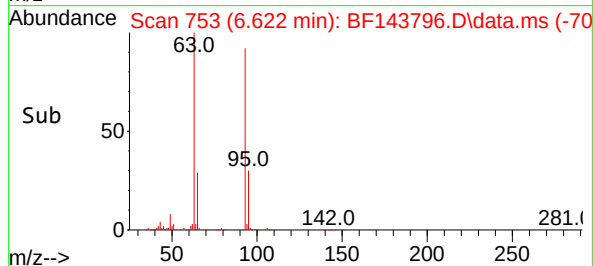
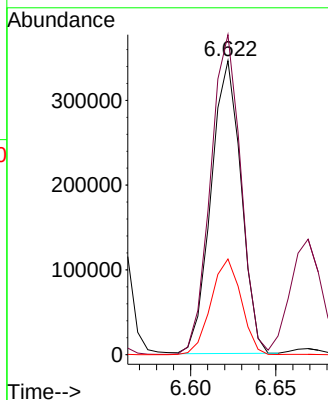
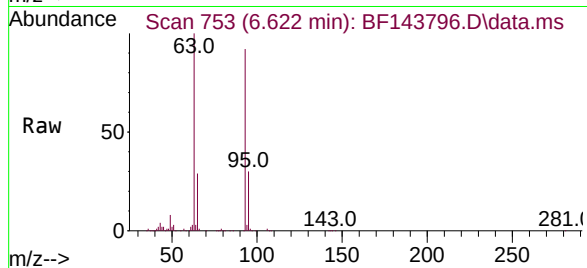
95 32.5 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#12

1,3-Dichlorobenzene

Concen: 45.962 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

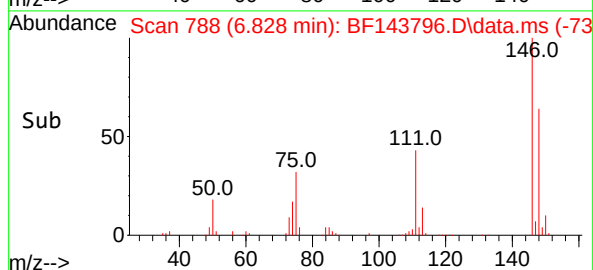
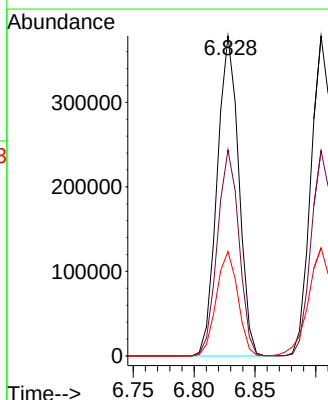
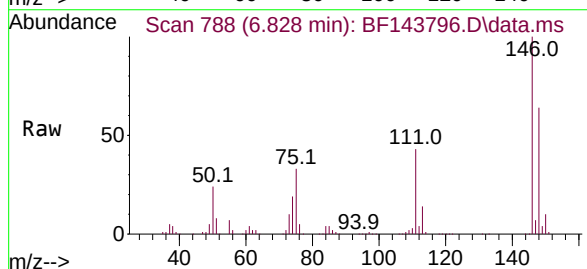
Tgt Ion:146 Resp: 466330

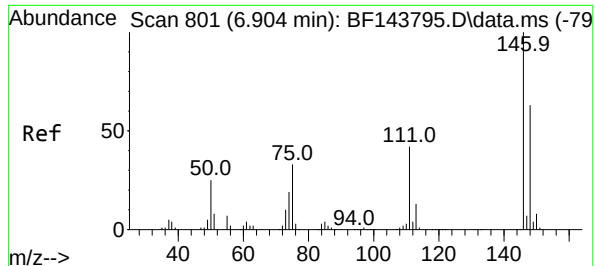
Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

75 32.6 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 45.859 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 464335

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

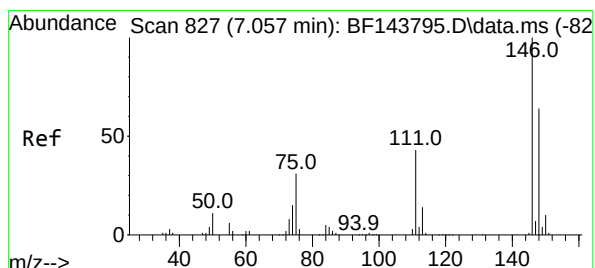
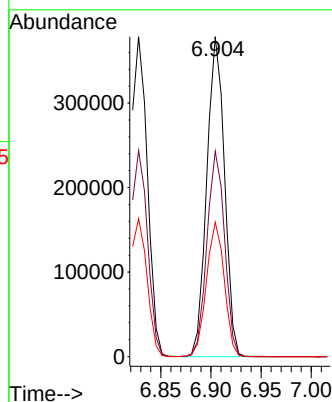
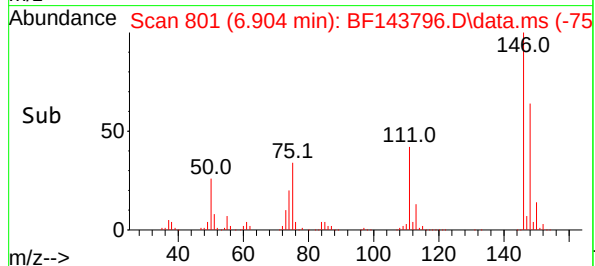
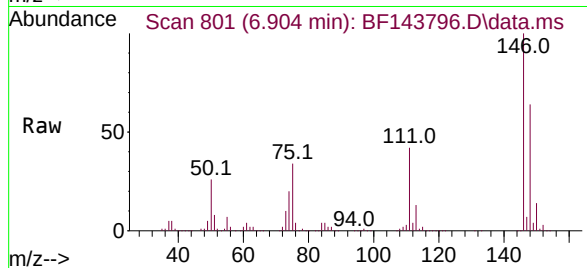
111 42.0 33.4 50.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 46.170 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

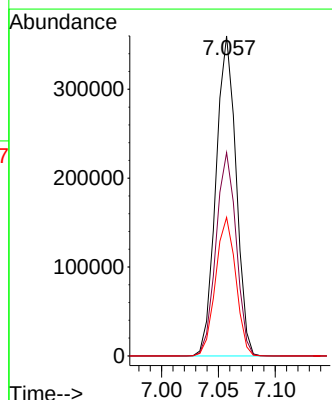
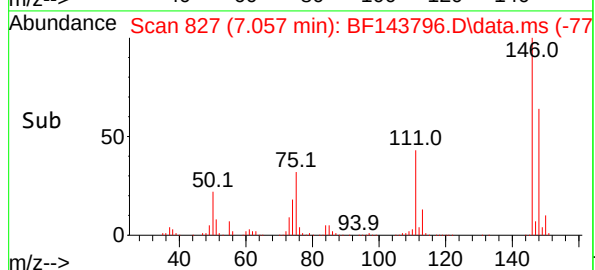
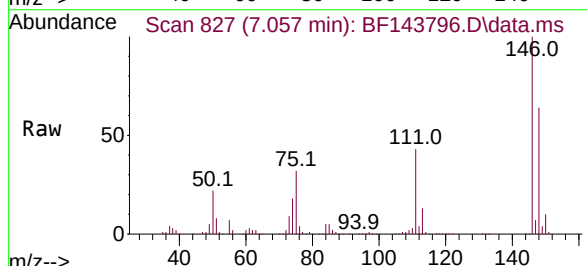
Tgt Ion:146 Resp: 442761

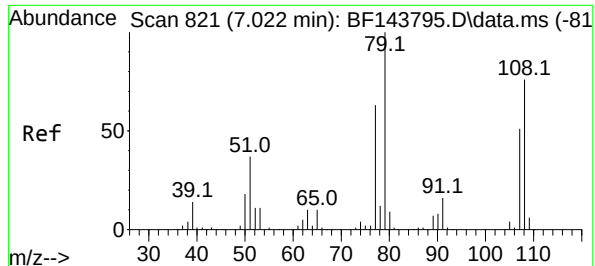
Ion Ratio Lower Upper

146 100

148 63.6 51.1 76.7

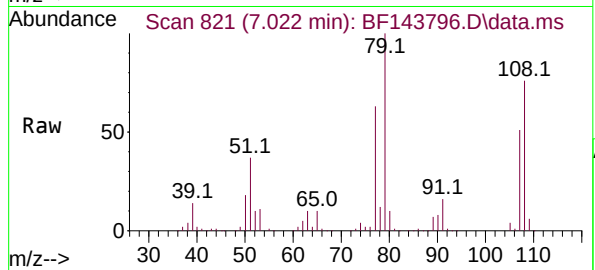
111 43.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 48.833 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

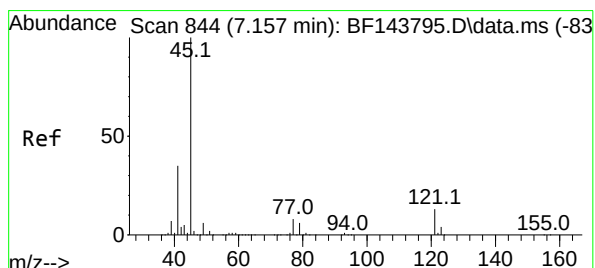
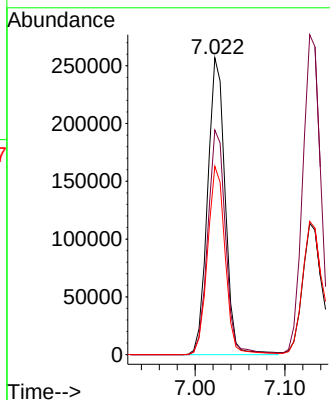
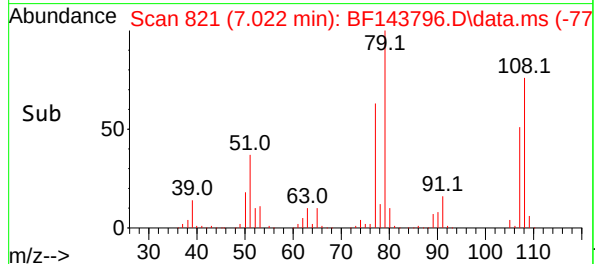
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion: 79 Resp: 348008
Ion Ratio Lower Upper
79 100
108 75.6 60.5 90.7
77 63.4 50.3 75.5

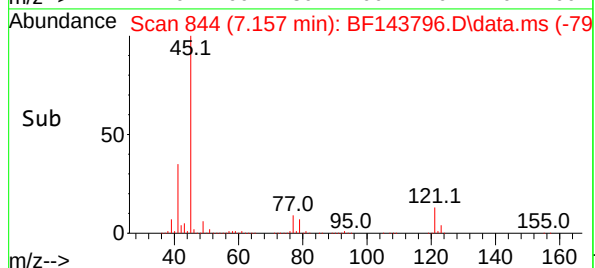
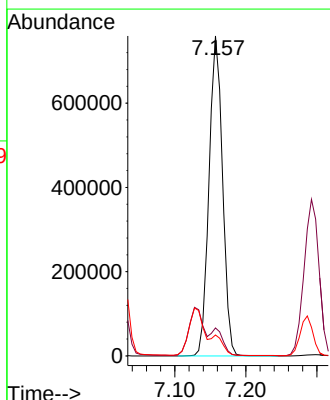
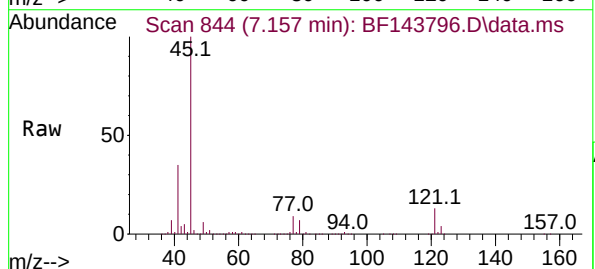
Manual Integrations
APPROVED

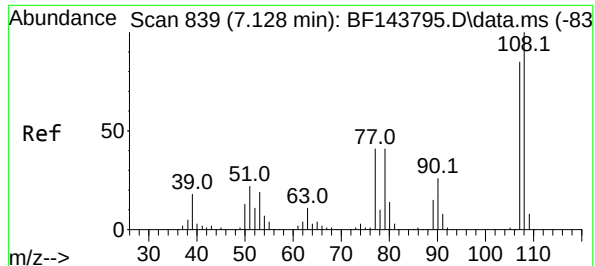
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.124 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

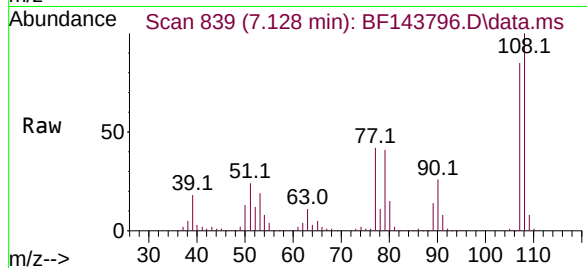
Tgt Ion: 45 Resp: 1004151
Ion Ratio Lower Upper
45 100
77 8.8 0.0 28.5
79 6.5 0.0 26.3





#17
2-Methylphenol
Concen: 48.084 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

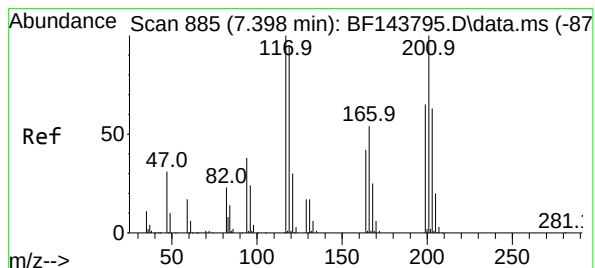
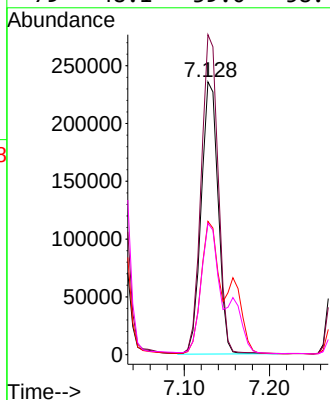
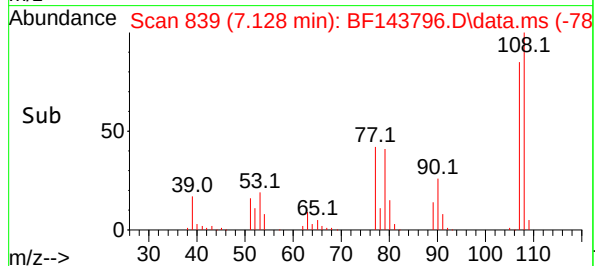
Instrument :
BNA_F
Client SampleId :
SSTDICC050



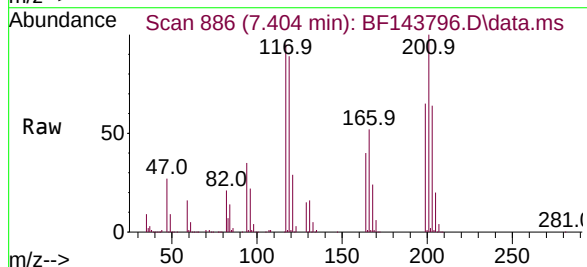
Tgt Ion:107 Resp: 325304
Ion Ratio Lower Upper
107 100
108 117.3 94.2 141.4
77 48.8 38.6 58.0
79 48.1 39.0 58.4

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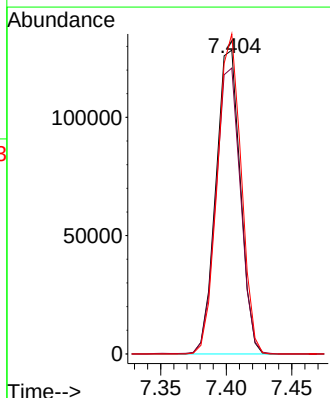
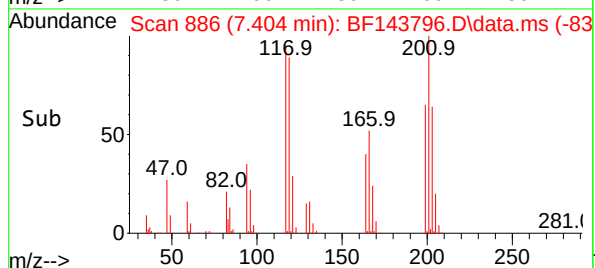
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

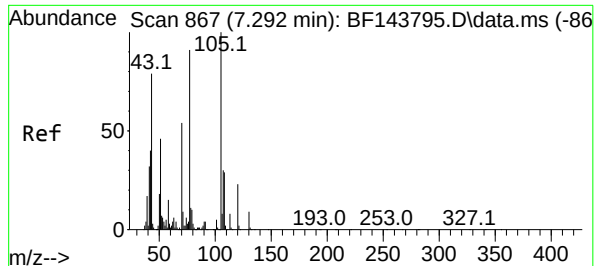


#18
Hexachloroethane
Concen: 46.905 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion:117 Resp: 167022
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.2
201 105.4 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.054 ng

RT: 7.298 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 292083

Ion Ratio Lower Upper

70 100

42 75.8 59.4 89.0

101 8.5 7.1 10.7

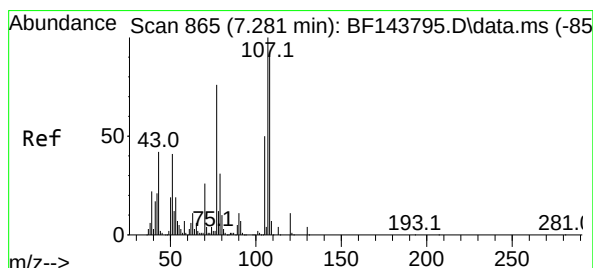
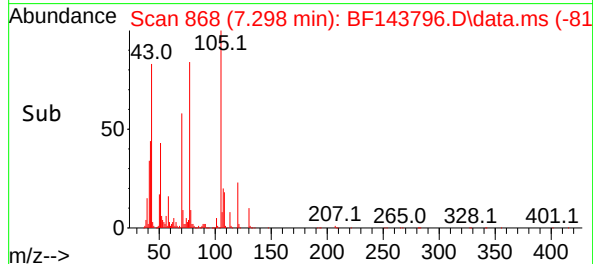
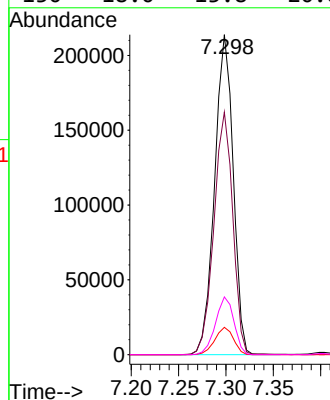
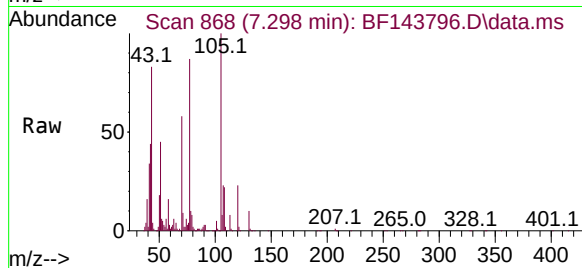
130 18.0 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 47.855 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Tgt Ion:107 Resp: 394272

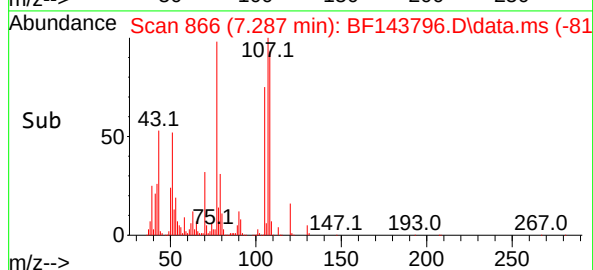
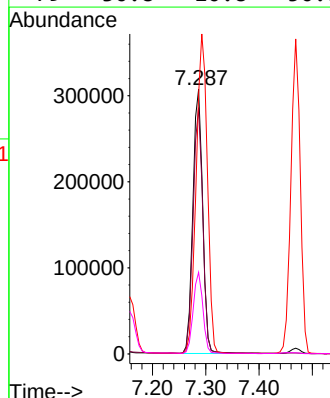
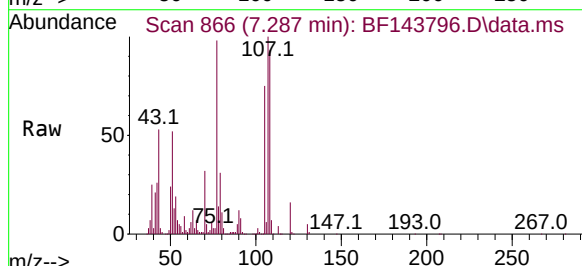
Ion Ratio Lower Upper

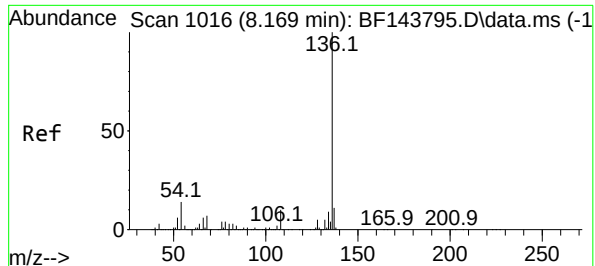
107 100

108 93.1 72.5 112.5

77 98.0 56.2 96.2#

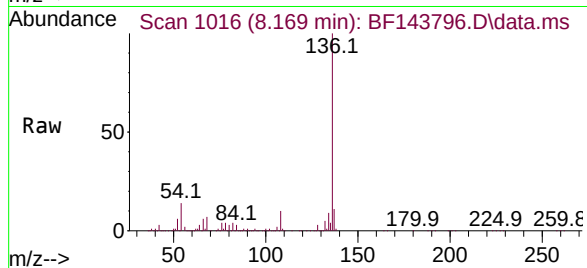
79 30.8 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

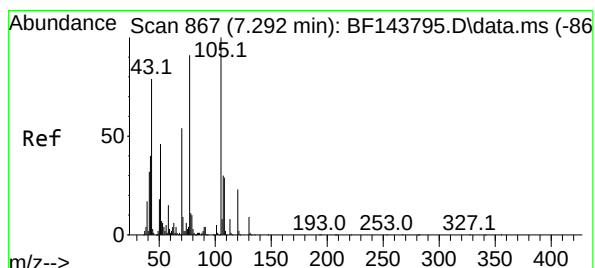
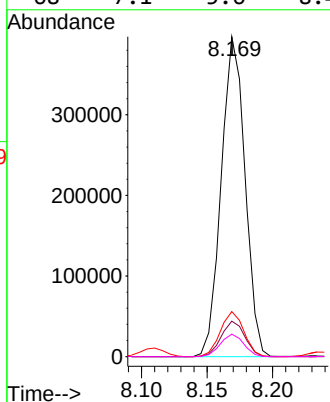
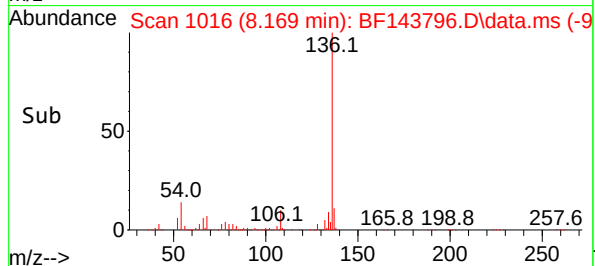
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



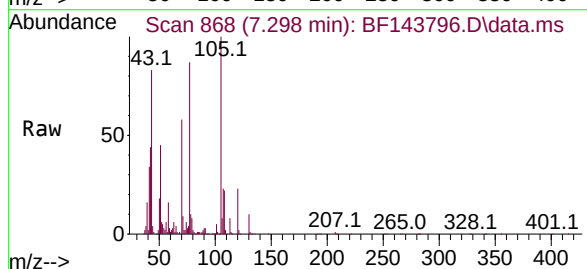
Tgt Ion:136 Resp: 501953
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 14.1 11.2 16.8
68 7.1 5.6 8.4

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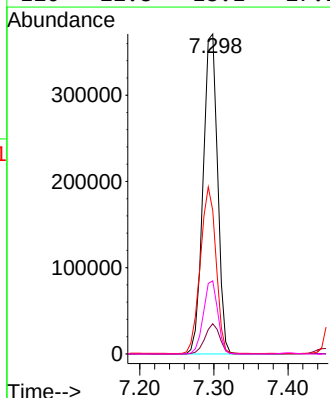
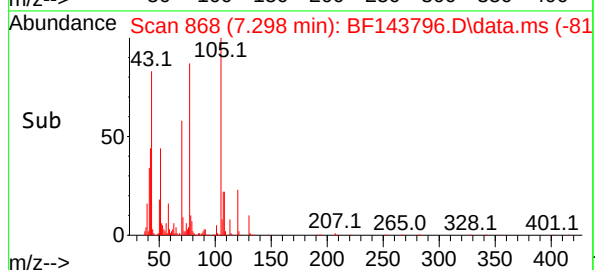
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

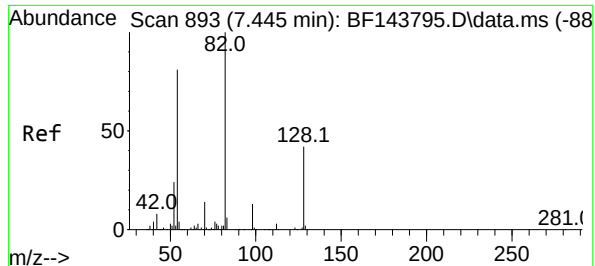


#22
Acetophenone
Concen: 45.695 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion:105 Resp: 503776
Ion Ratio Lower Upper
105 100
71 9.4 7.0 10.4
51 44.8 36.6 55.0
120 22.8 18.1 27.1





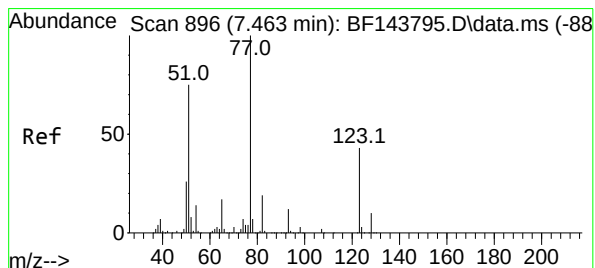
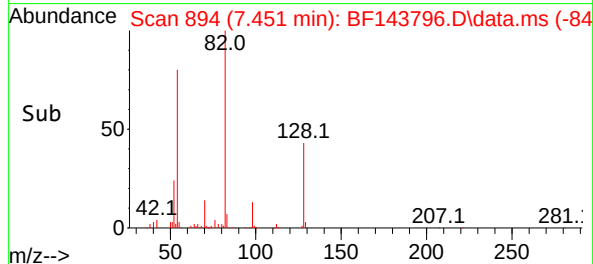
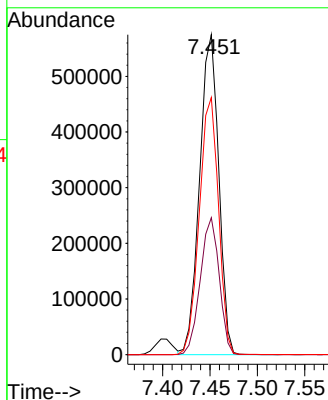
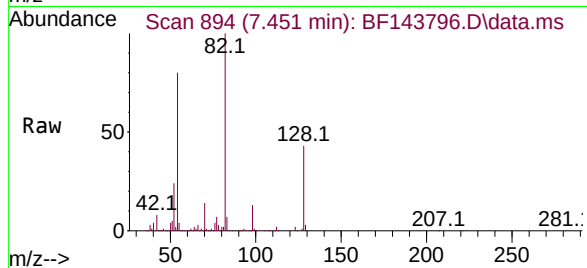
#23
Nitrobenzene-d5
Concen: 101.372 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 82 Resp: 808554
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 80.3 64.2 96.4

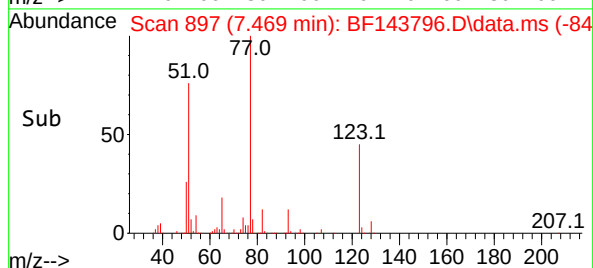
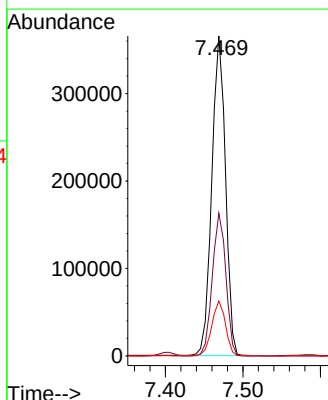
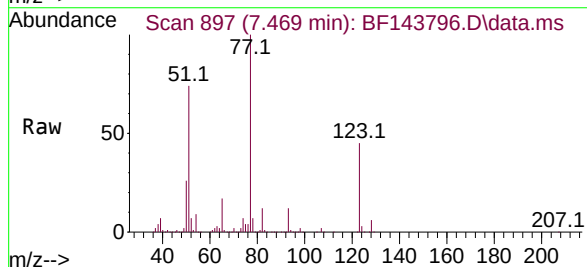
Manual Integrations
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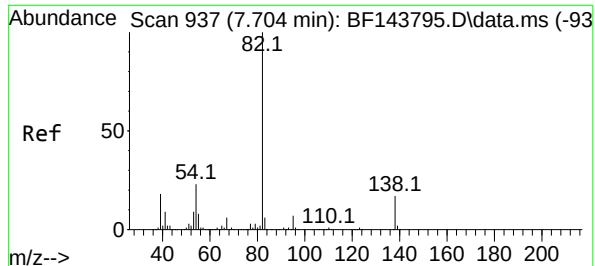
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#24
Nitrobenzene
Concen: 49.320 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

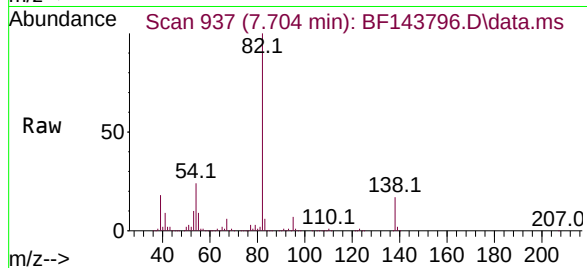
Tgt Ion: 77 Resp: 448291
Ion Ratio Lower Upper
77 100
123 44.6 34.0 51.0
65 17.1 13.5 20.3





#25
Isophorone
Concen: 48.987 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

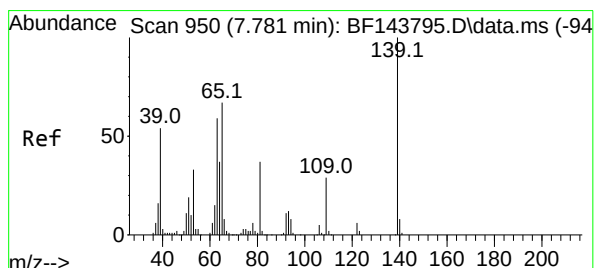
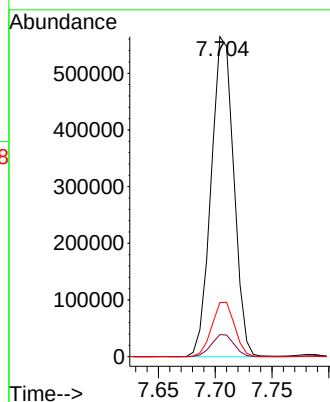
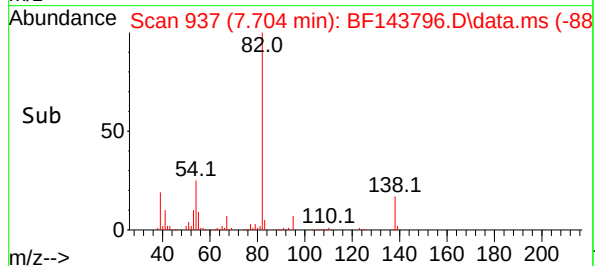
Instrument :
BNA_F
Client Sample Id :
SSTDICC050



Tgt Ion: 82 Resp: 782800
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 16.9 13.7 20.5

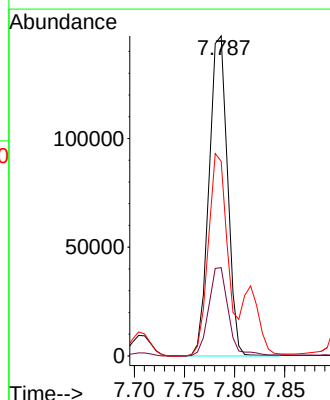
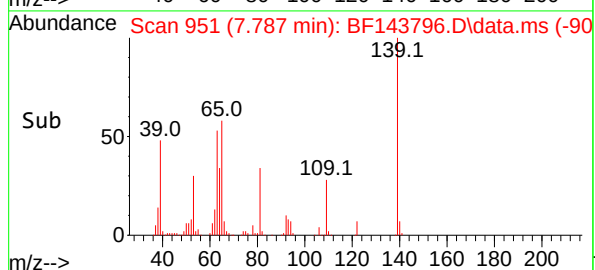
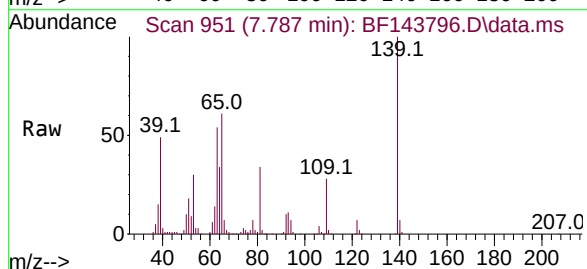
Manual Integrations
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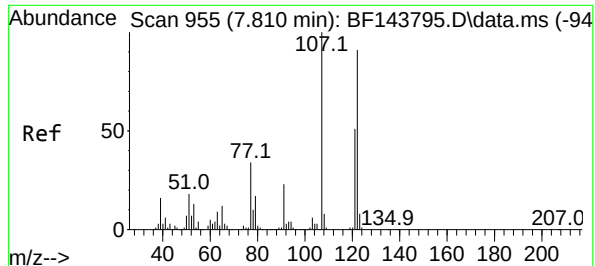
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#26
2-Nitrophenol
Concen: 50.281 ng
RT: 7.787 min Scan# 951
Delta R.T. 0.001 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

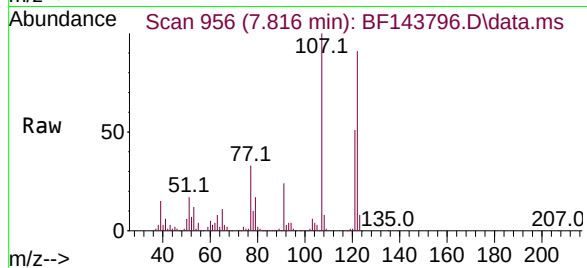
Tgt Ion:139 Resp: 188140
Ion Ratio Lower Upper
139 100
109 27.6 23.3 34.9
65 60.8 53.8 80.6





#27
2,4-Dimethylphenol
Concen: 49.214 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

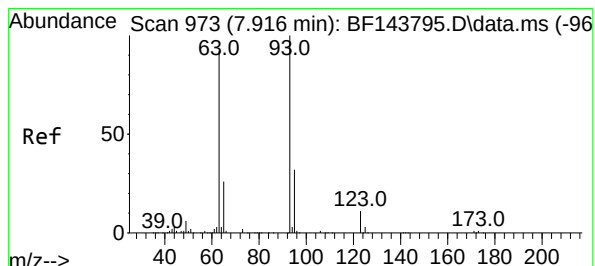
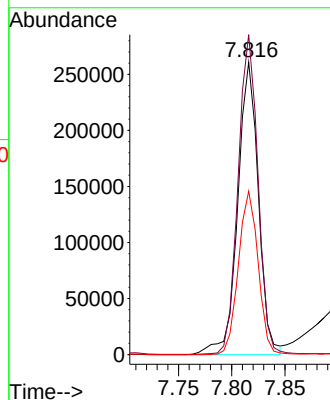
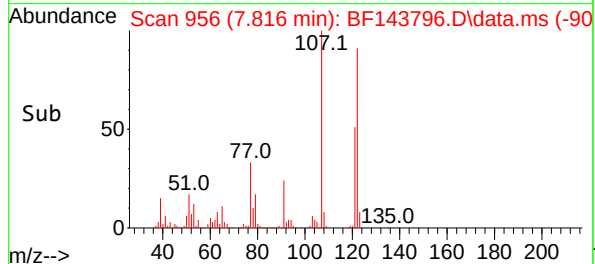
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:122 Resp: 351504
Ion Ratio Lower Upper
122 100
107 109.4 87.5 131.3
121 55.9 44.2 66.4

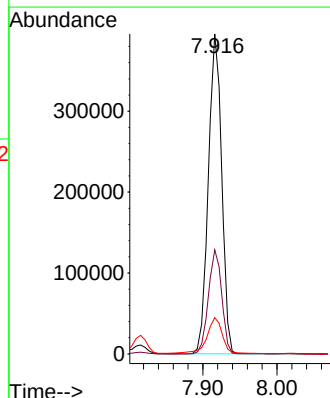
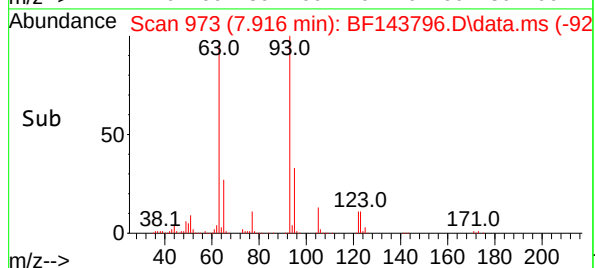
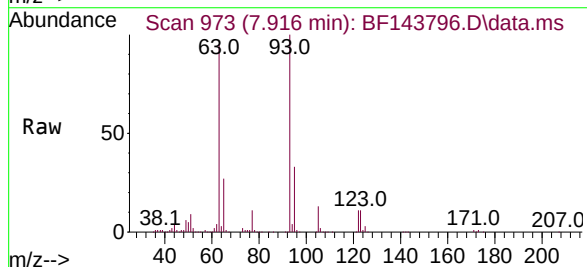
Manual Integrations
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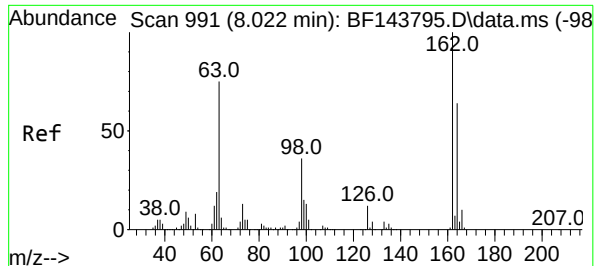
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 47.470 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion: 93 Resp: 492835
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.801 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 342962

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

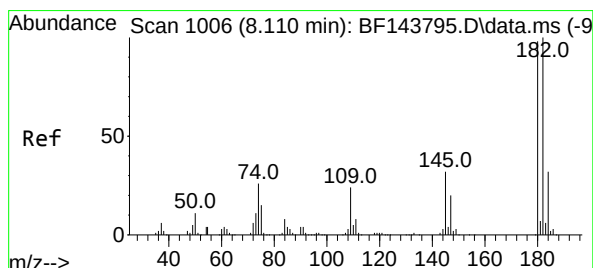
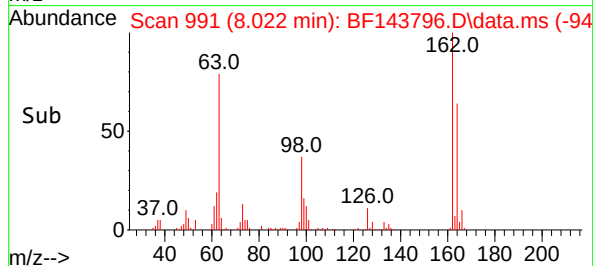
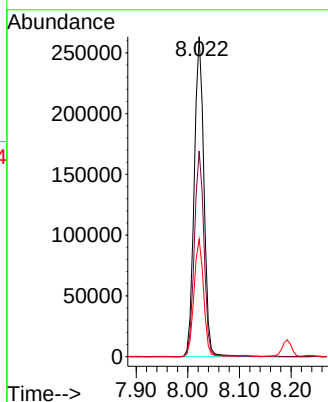
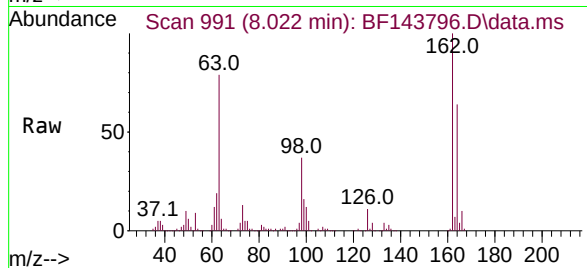
98 36.7 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 47.353 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

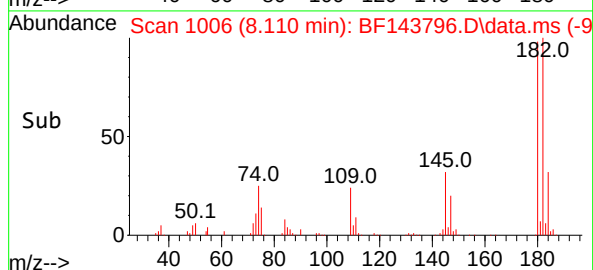
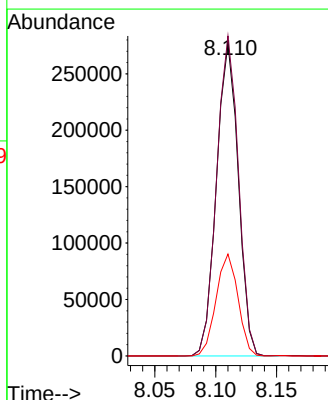
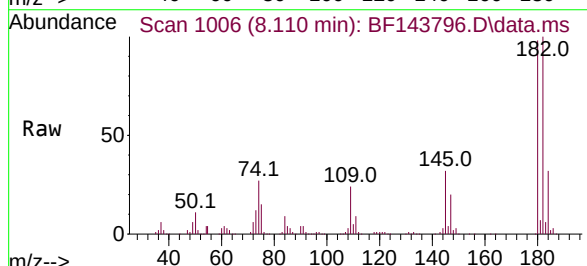
Tgt Ion:180 Resp: 345360

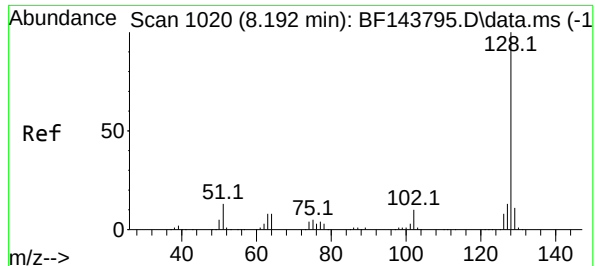
Ion Ratio Lower Upper

180 100

182 102.5 82.0 123.0

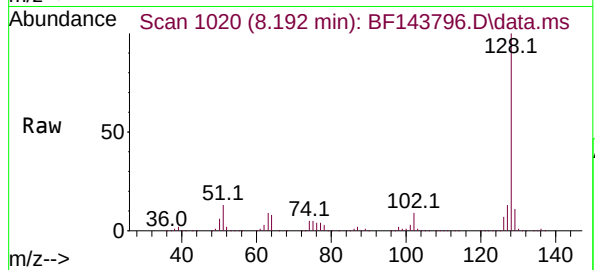
145 32.6 25.9 38.9





#31
Naphthalene
Concen: 46.304 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

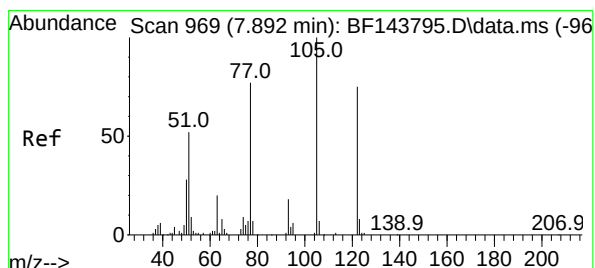
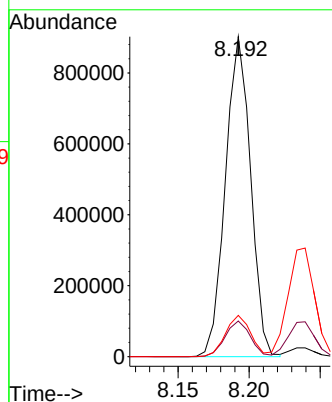
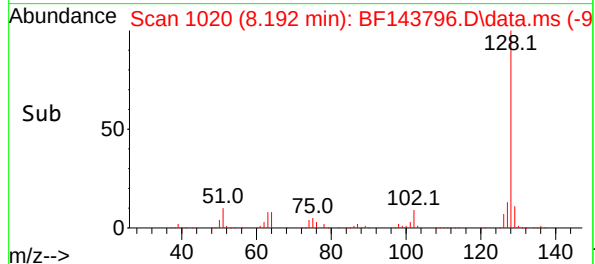
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:128 Resp: 1112658
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.2 15.4

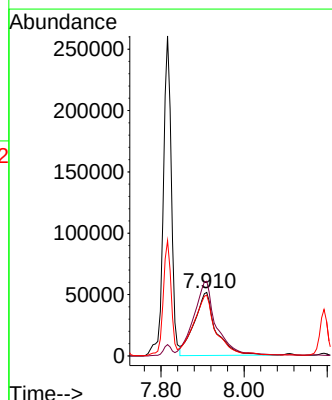
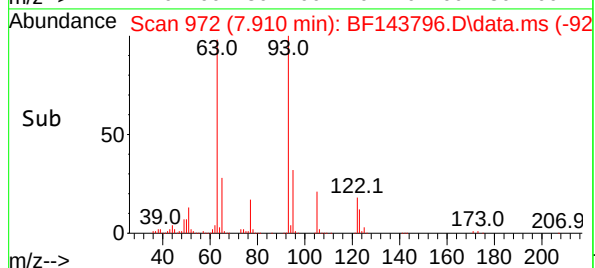
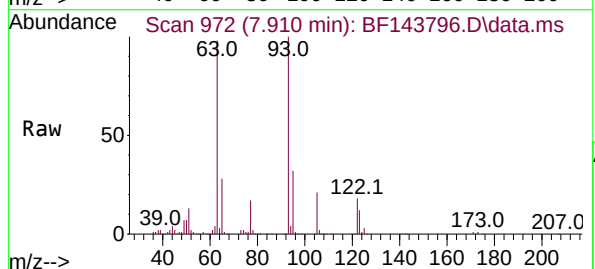
Manual Integrations
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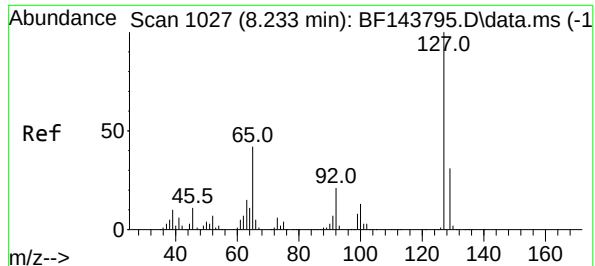
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#32
Benzoic acid
Concen: 53.967 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

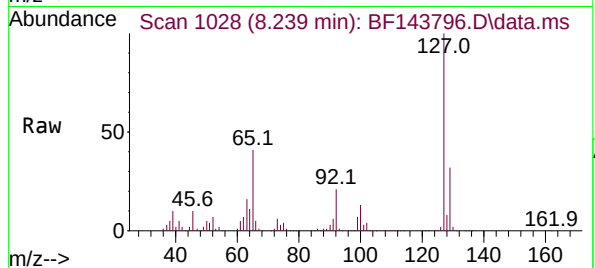
Tgt Ion:122 Resp: 185973
Ion Ratio Lower Upper
122 100
105 117.7 103.7 143.7
77 95.5 78.8 118.8





#33
4-Chloroaniline
Concen: 48.005 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

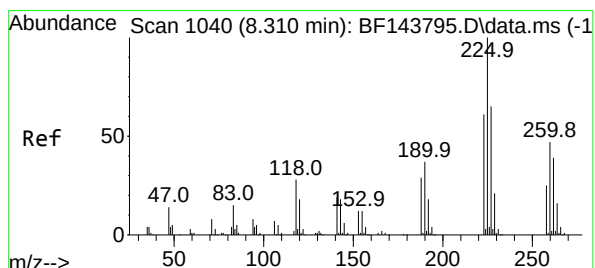
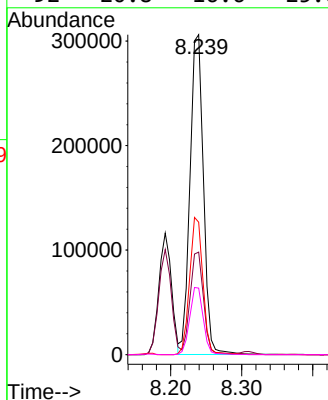
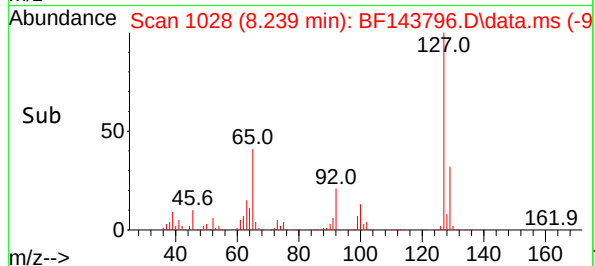
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 405365
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 41.4 33.4 50.2
92 20.8 16.6 25.0

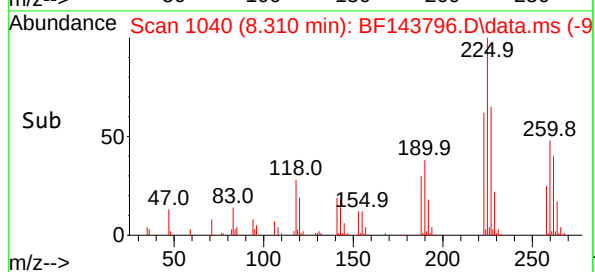
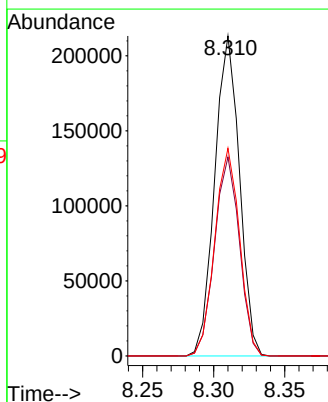
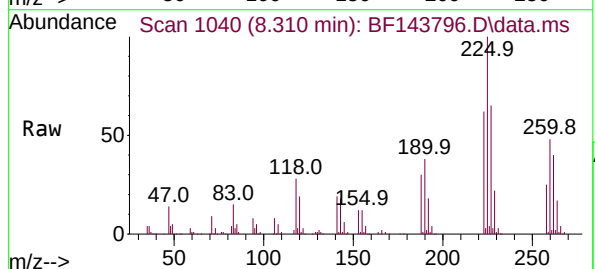
Manual Integrations
APPROVED

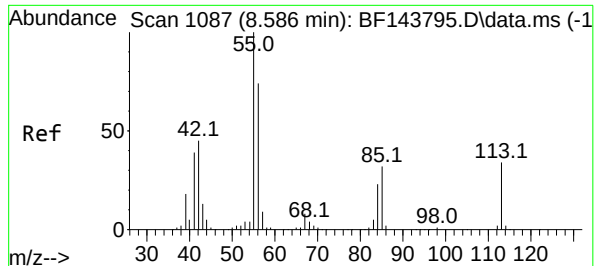
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#34
Hexachlorobutadiene
Concen: 47.570 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

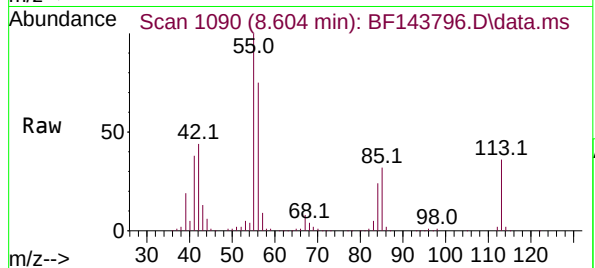
Tgt Ion:225 Resp: 258638
Ion Ratio Lower Upper
225 100
223 62.1 48.6 72.8
227 64.9 51.9 77.9





#35
Caprolactam
Concen: 51.444 ng
RT: 8.604 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

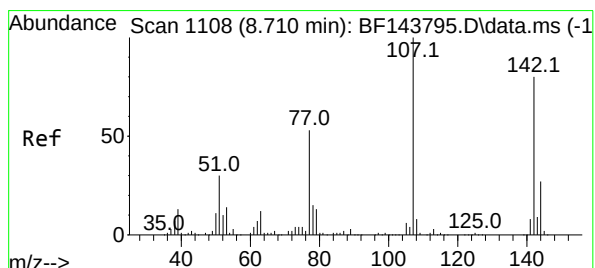
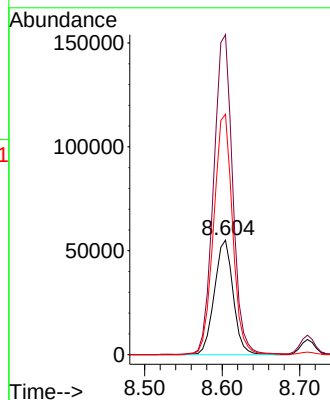
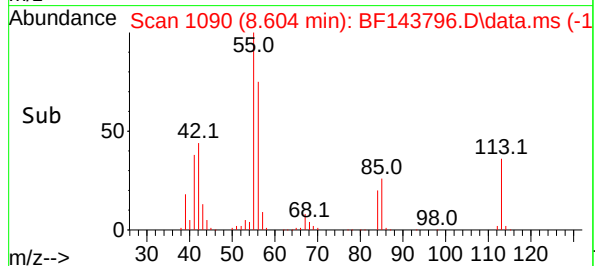
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:113 Resp: 92410
Ion Ratio Lower Upper
113 100
55 279.5 271.7 311.7
56 210.0 194.5 234.5

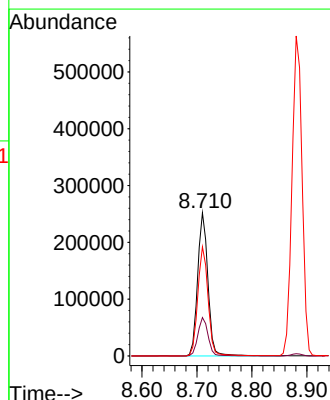
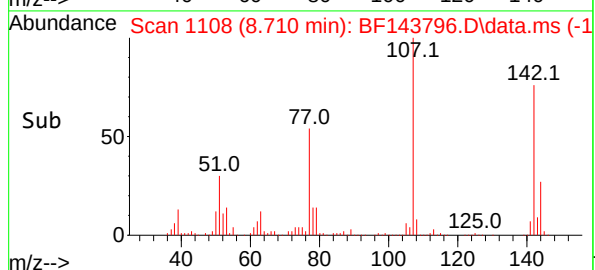
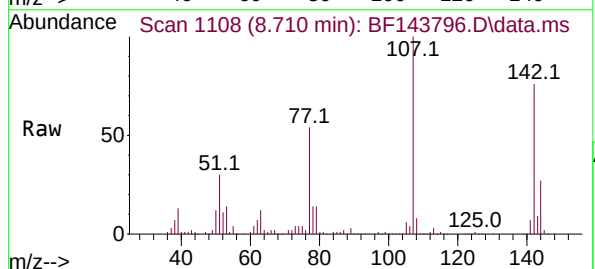
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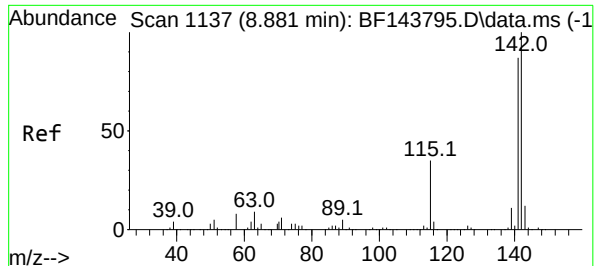
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#36
4-Chloro-3-methylphenol
Concen: 49.707 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:107 Resp: 327629
Ion Ratio Lower Upper
107 100
144 26.8 21.8 32.8
142 76.2 63.6 95.4





#37

2-Methylnaphthalene

Concen: 46.524 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:142 Resp: 712848

Ion Ratio Lower Upper

142 100

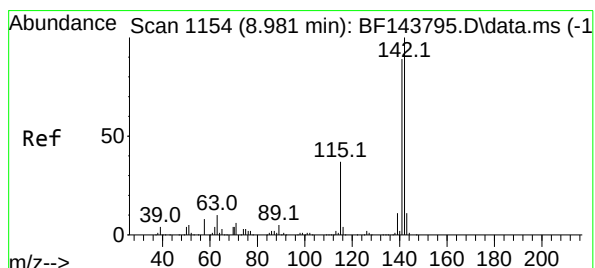
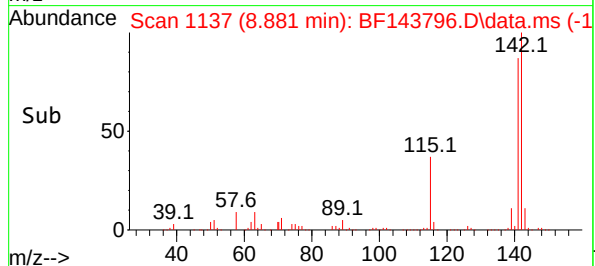
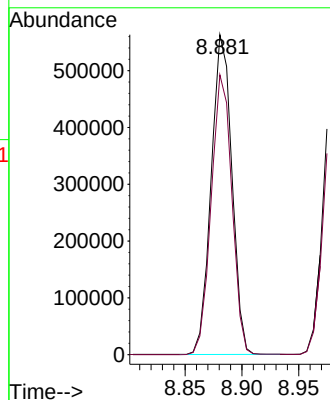
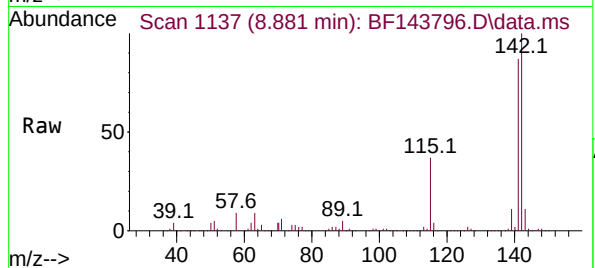
141 87.4 69.4 104.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#38

1-Methylnaphthalene

Concen: 47.022 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143796.D

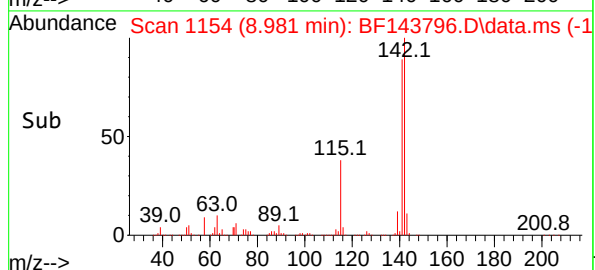
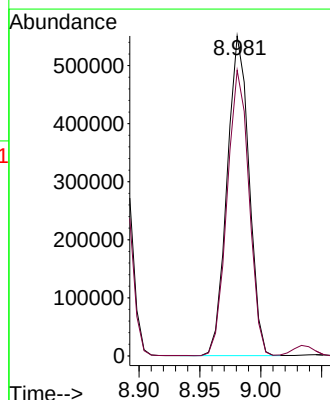
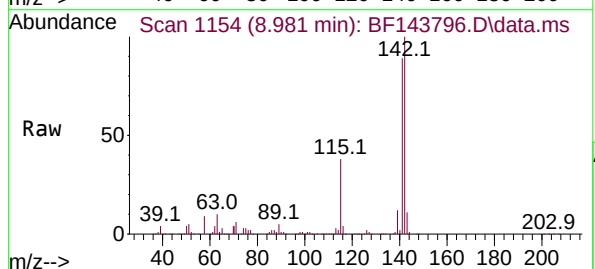
Acq: 23 Sep 2025 14:28

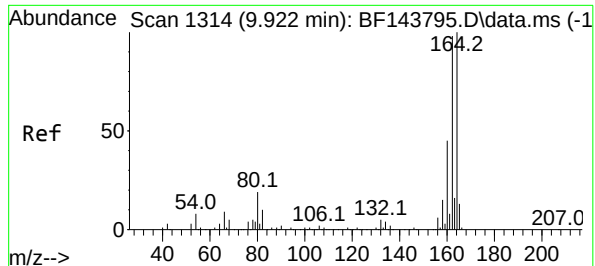
Tgt Ion:142 Resp: 689609

Ion Ratio Lower Upper

142 100

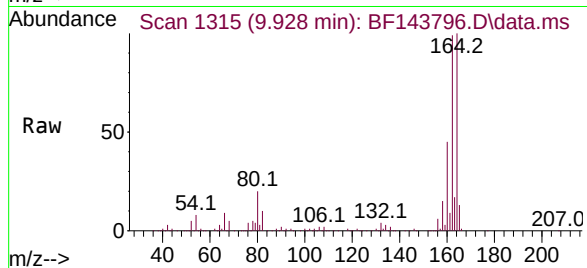
141 89.3 71.1 106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

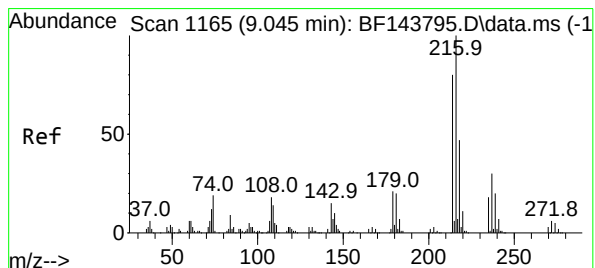
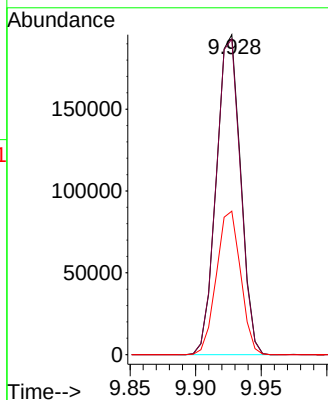
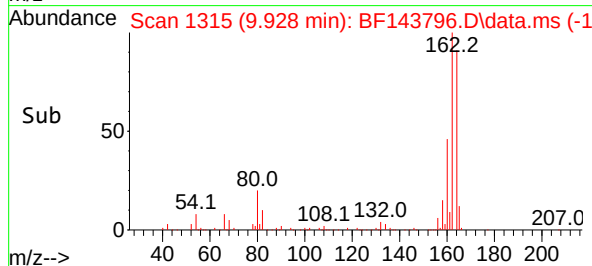
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:164 Resp: 251921
Ion Ratio Lower Upper
164 100
162 98.6 78.8 118.2
160 44.8 35.8 53.6

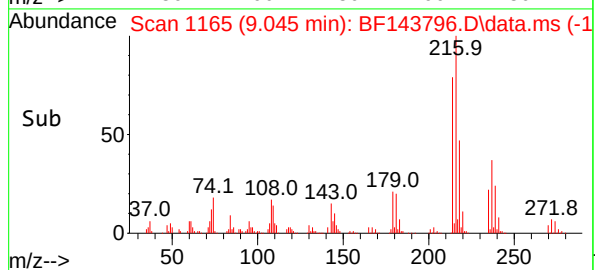
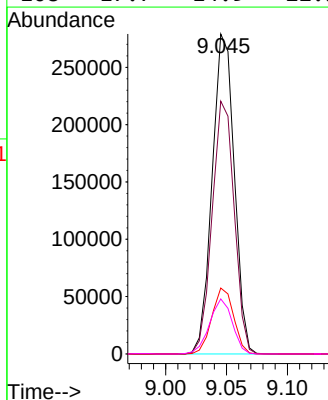
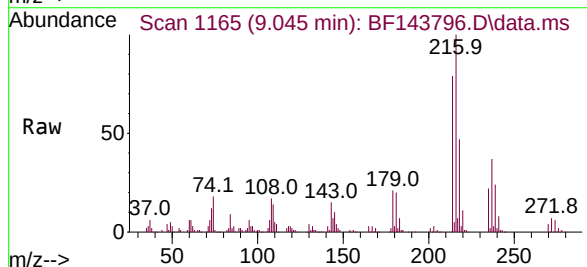
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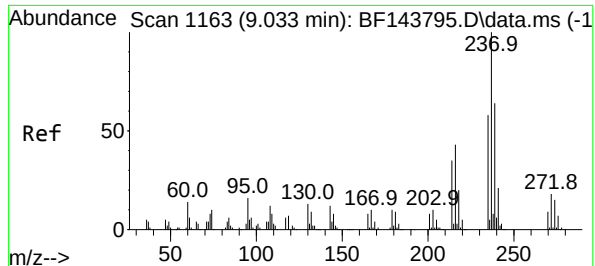
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.300 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

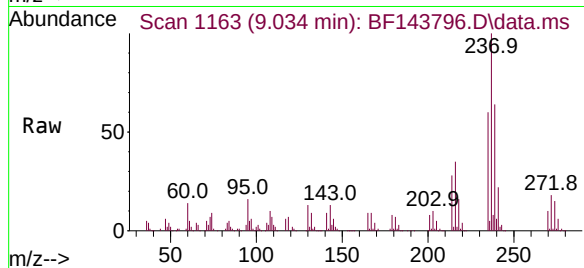
Tgt Ion:216 Resp: 351998
Ion Ratio Lower Upper
216 100
214 78.9 63.7 95.5
179 20.3 16.5 24.7
108 17.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 49.894 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

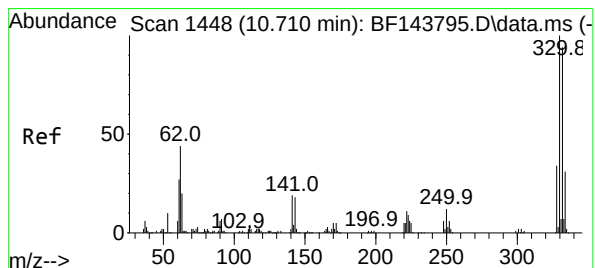
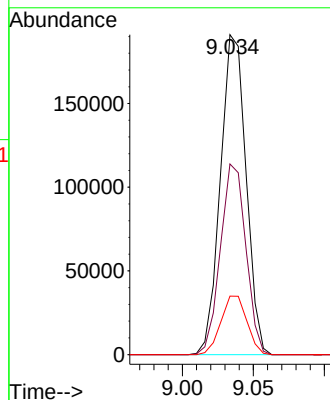
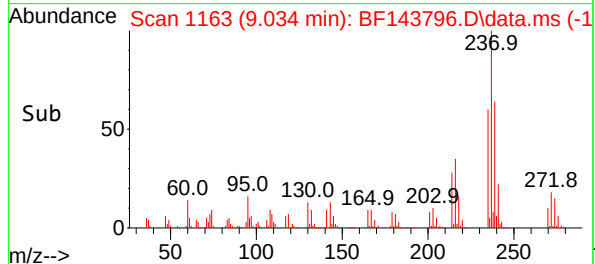
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



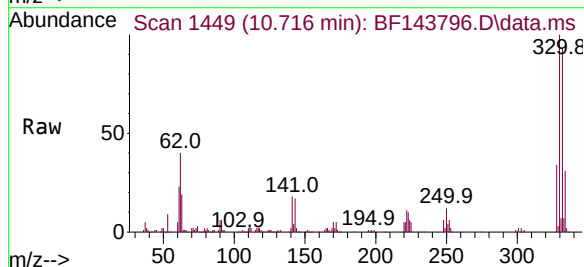
Tgt Ion: 237 Resp: 240402
Ion Ratio Lower Upper
237 100
235 59.6 38.1 78.1
272 18.3 0.0 37.9

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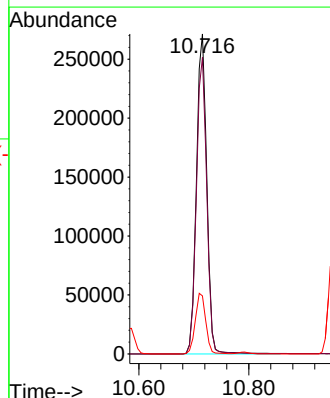
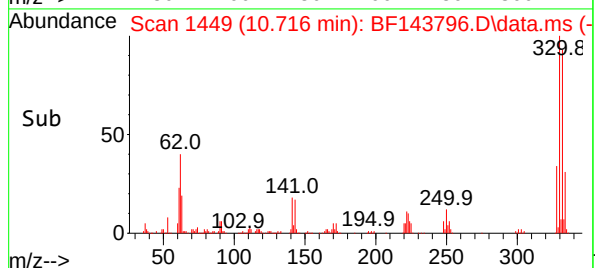
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

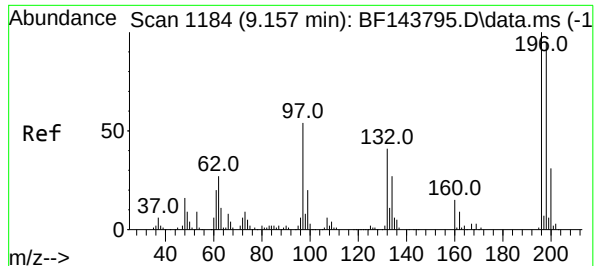


#42
2,4,6-Tribromophenol
Concen: 98.591 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion: 330 Resp: 354459
Ion Ratio Lower Upper
330 100
332 92.9 74.7 112.1
141 19.2 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 50.100 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143796.D

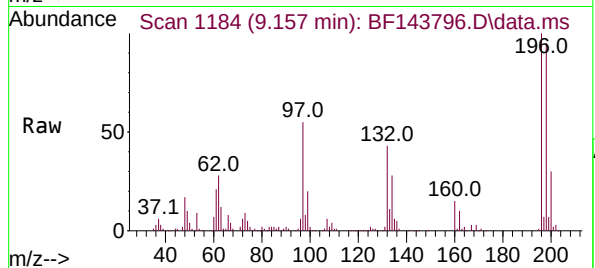
Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



Tgt Ion:196 Resp: 238499

Ion Ratio Lower Upper

196 100

198 95.5 76.2 114.2

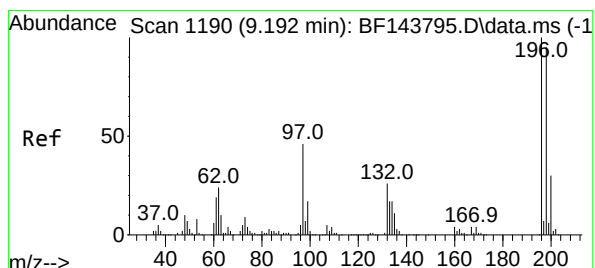
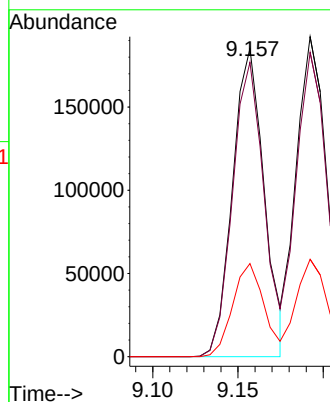
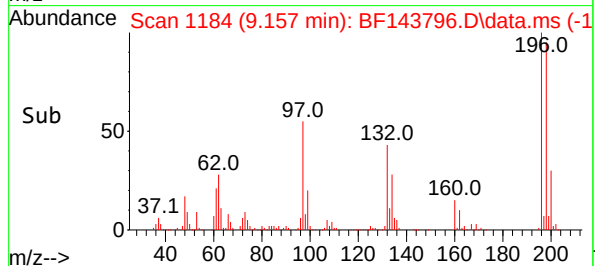
200 30.2 24.7 37.1

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

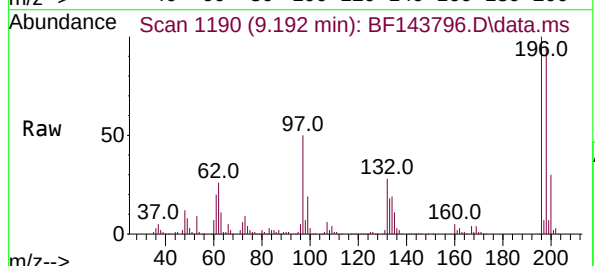
Concen: 48.050 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28



Tgt Ion:196 Resp: 239256

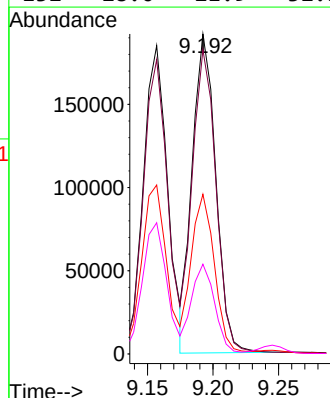
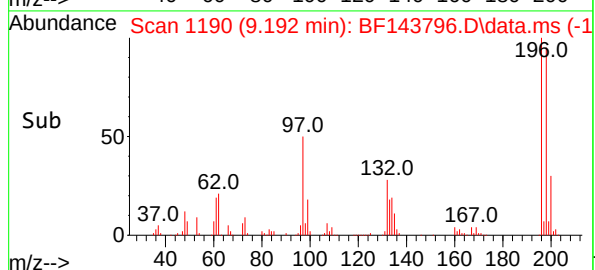
Ion Ratio Lower Upper

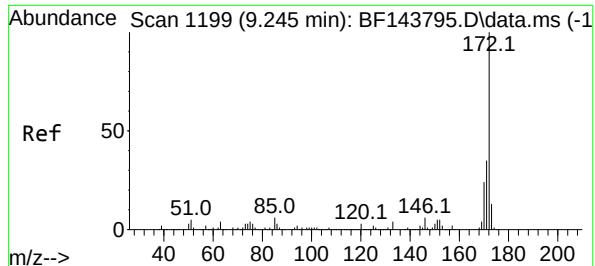
196 100

198 95.1 75.9 113.9

97 49.9 38.3 57.5

132 28.0 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 85.274 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:172 Resp: 1453709

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

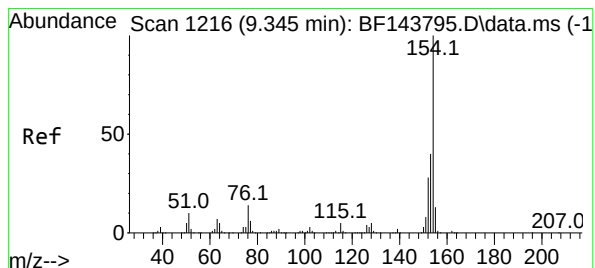
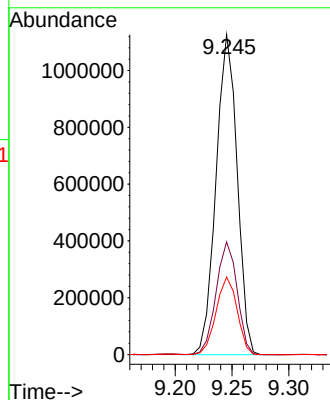
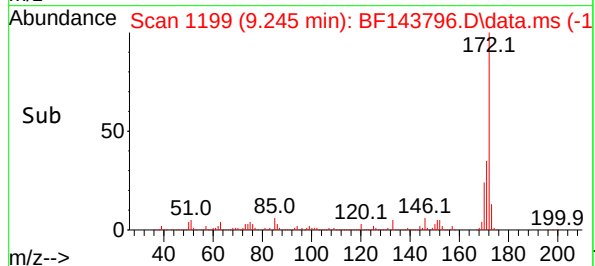
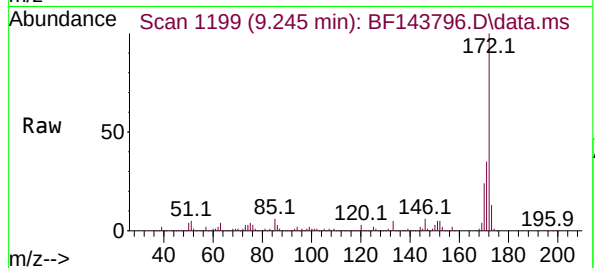
170 24.2 19.1 28.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

Concen: 45.967 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

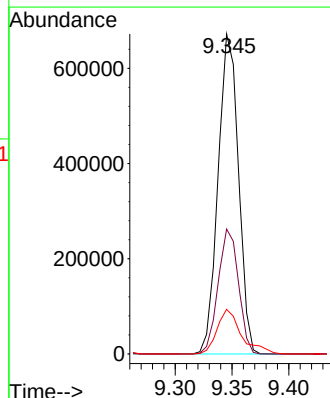
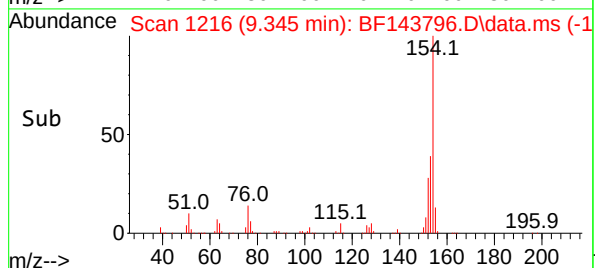
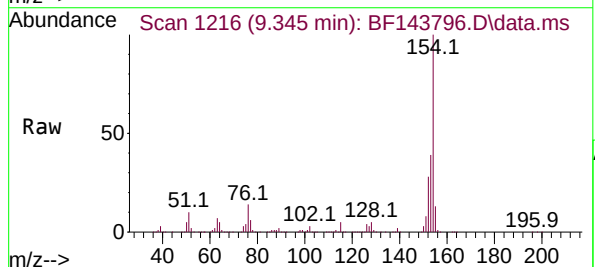
Tgt Ion:154 Resp: 838250

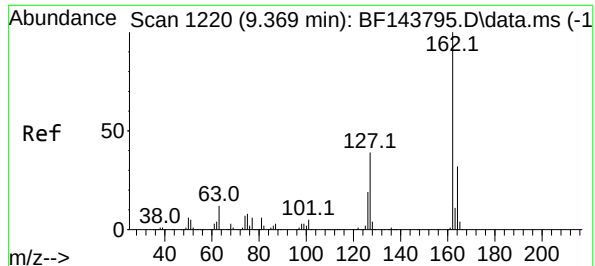
Ion Ratio Lower Upper

154 100

153 39.0 19.7 59.7

76 13.9 0.0 33.8





#47

2-Chloronaphthalene

Concen: 46.229 ng

RT: 9.375 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 67859

Ion Ratio Lower Upper

162 100

127 38.8 31.5 47.3

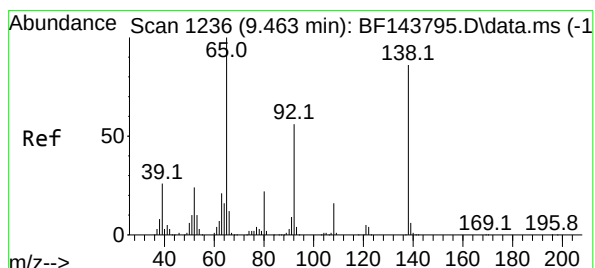
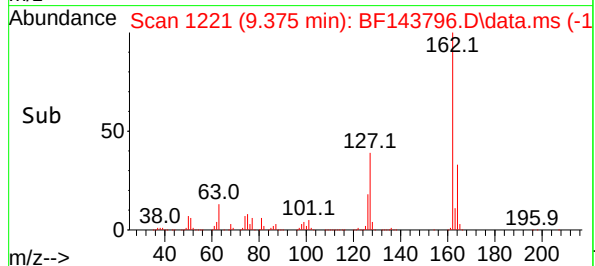
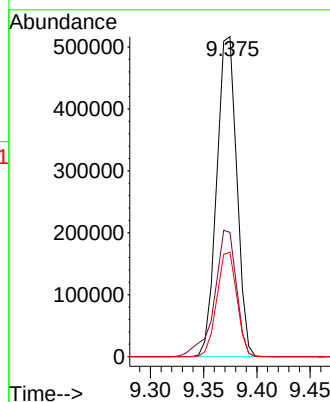
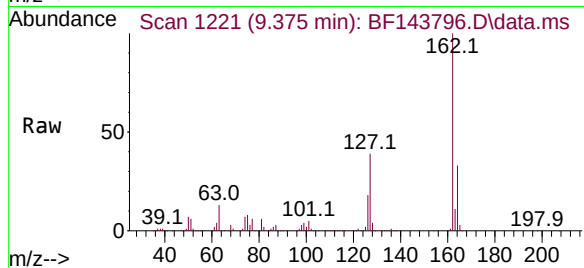
164 32.6 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 53.895 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

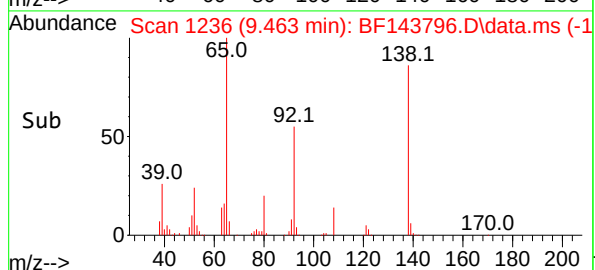
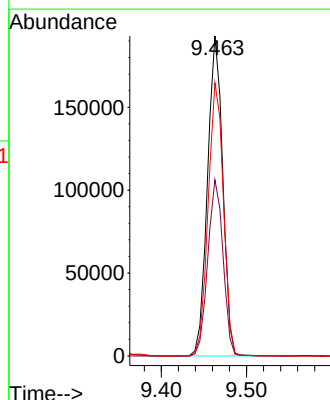
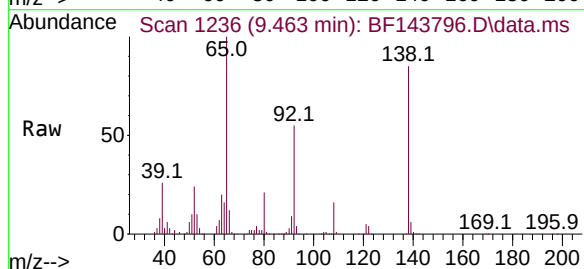
Tgt Ion: 65 Resp: 239106

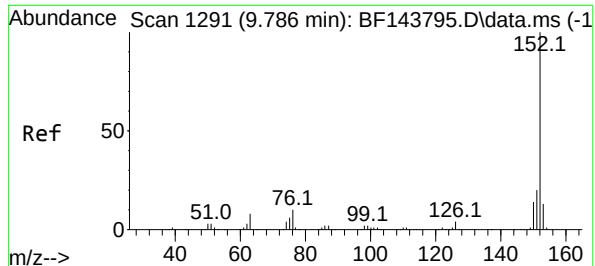
Ion Ratio Lower Upper

65 100

92 55.0 44.9 67.3

138 85.3 69.0 103.4





#49

Acenaphthylene

Concen: 46.711 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143796.D

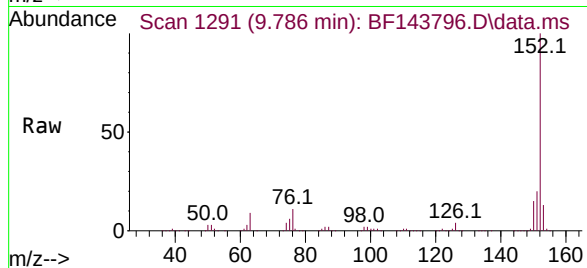
Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



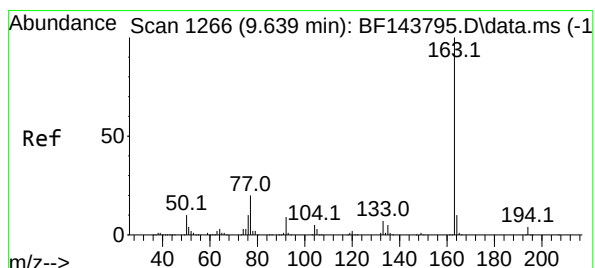
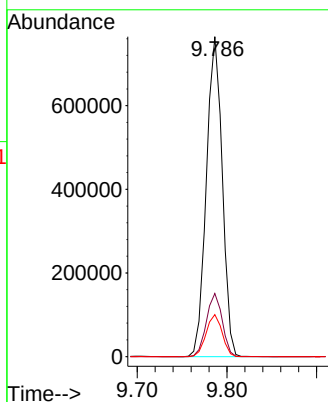
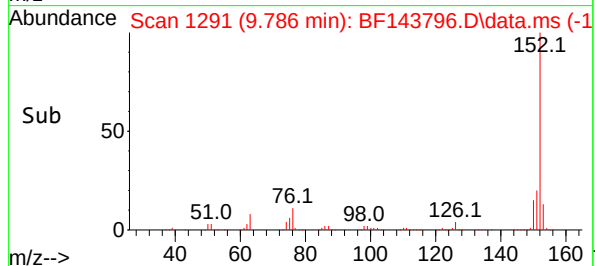
Tgt Ion:	152	Resp:	943926
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.7	23.5
153	13.1	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

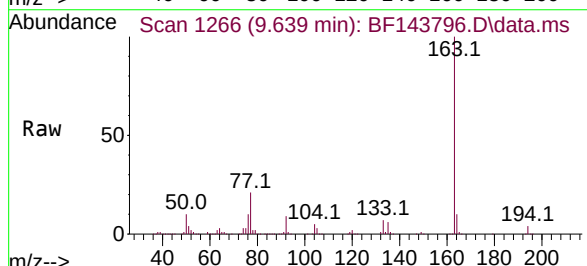
Concen: 48.124 ng

RT: 9.639 min Scan# 1266

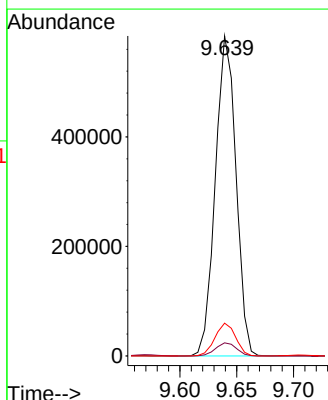
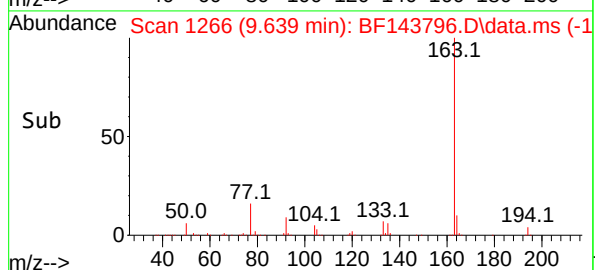
Delta R.T. 0.000 min

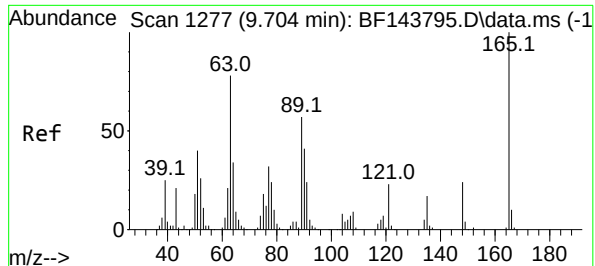
Lab File: BF143796.D

Acq: 23 Sep 2025 14:28



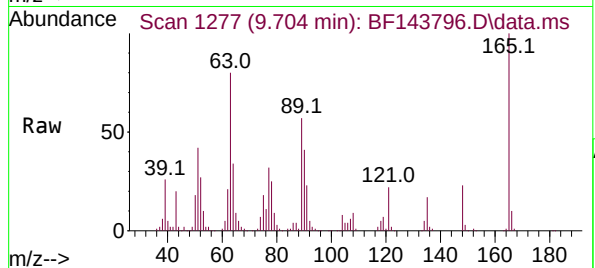
Tgt Ion:	163	Resp:	738918
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.0	4.6
164	10.2	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 56.010 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

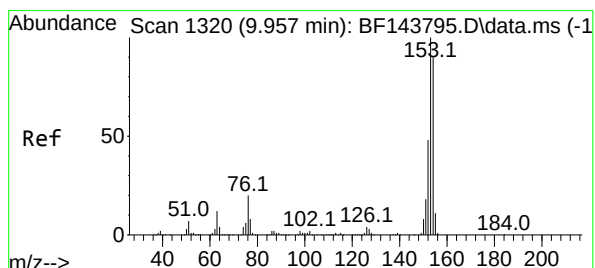
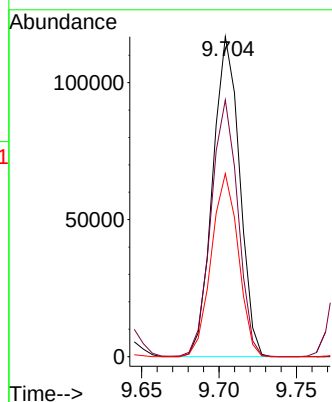
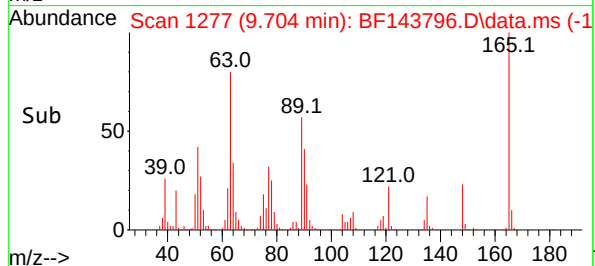
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:165 Resp: 141300
Ion Ratio Lower Upper
165 100
63 80.2 62.6 94.0
89 57.2 45.2 67.8

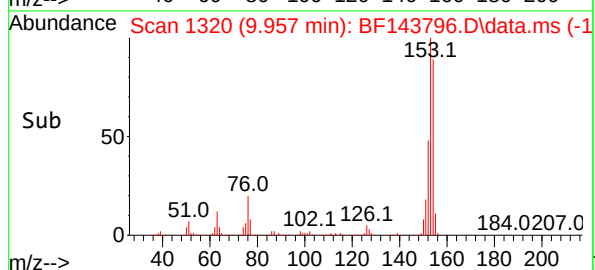
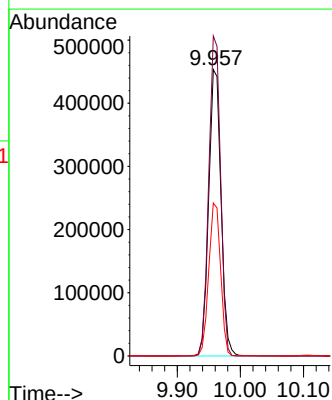
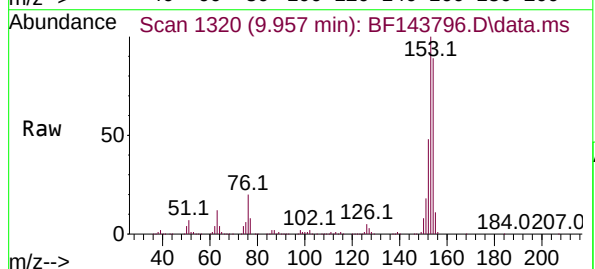
Manual Integrations
APPROVED

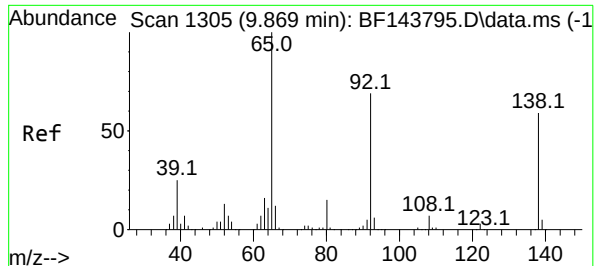
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 46.113 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:154 Resp: 613218
Ion Ratio Lower Upper
154 100
153 111.8 88.7 133.1
152 53.4 42.7 64.1





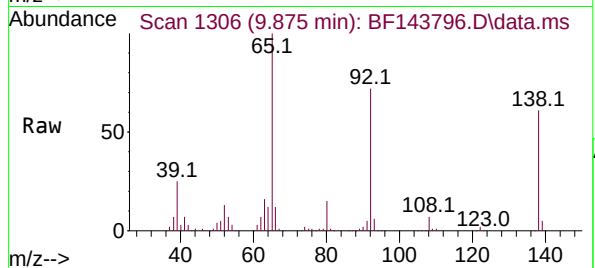
#53
3-Nitroaniline
Concen: 53.384 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

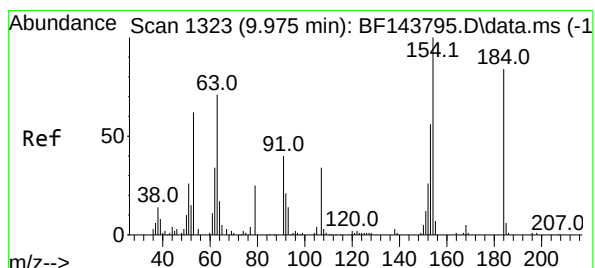
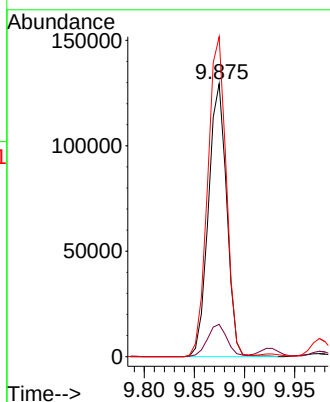
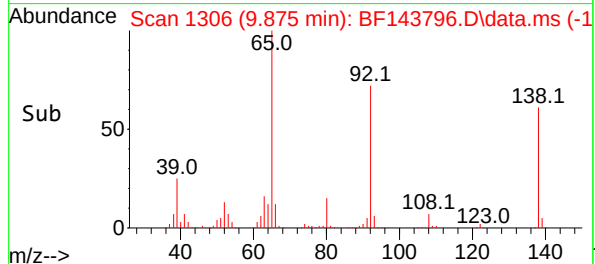


Tgt Ion:138 Resp: 163244
Ion Ratio Lower Upper
138 100
108 11.8 9.9 14.9
92 117.3 93.5 140.3

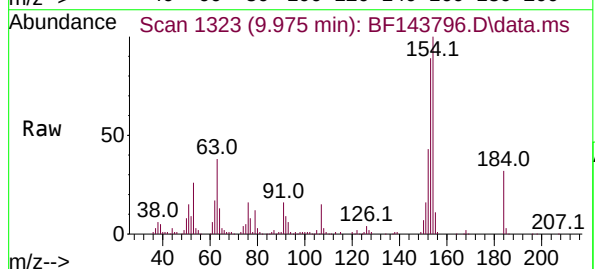
Manual Integrations

APPROVED

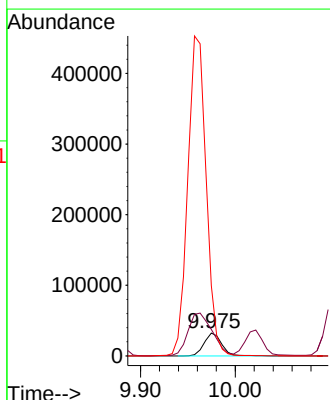
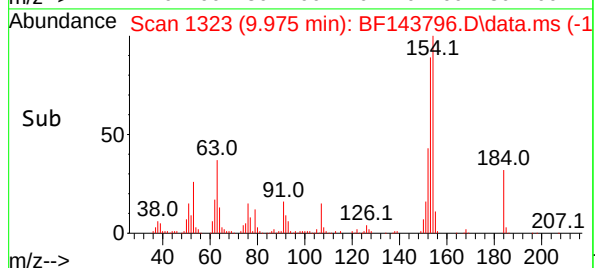
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

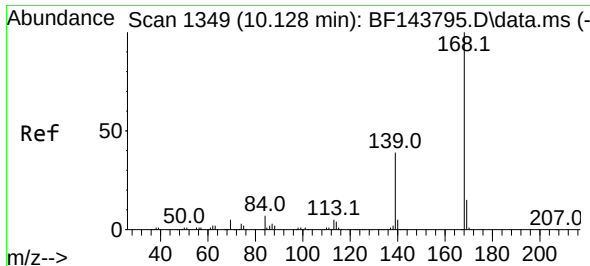


#54
2,4-Dinitrophenol
Concen: 49.728 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



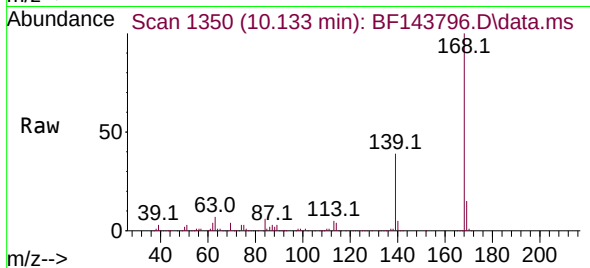
Tgt Ion:184 Resp: 41616
Ion Ratio Lower Upper
184 100
63 115.9 84.6 127.0
154 307.9 199.3 298.9#





#55
Dibenzenofuran
Concen: 46.115 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

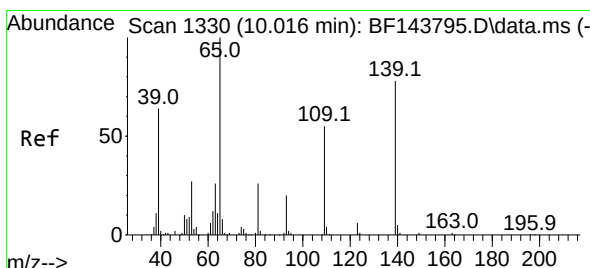
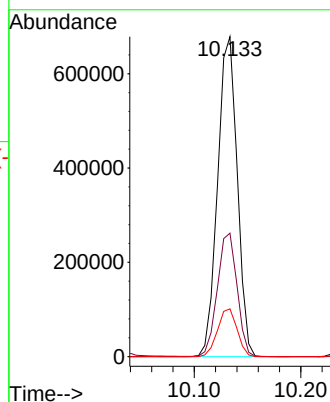
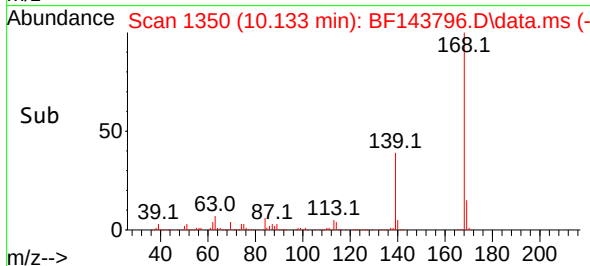
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:168 Resp: 867169
Ion Ratio Lower Upper
168 100
139 38.6 31.0 46.6
169 14.9 11.9 17.9

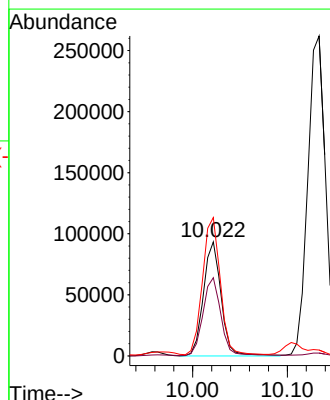
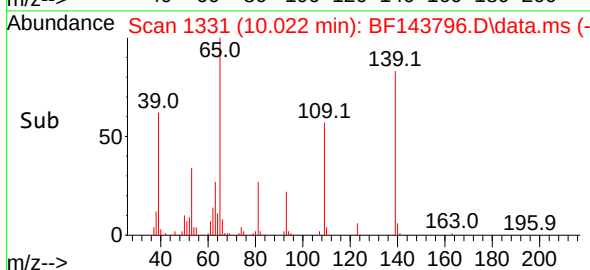
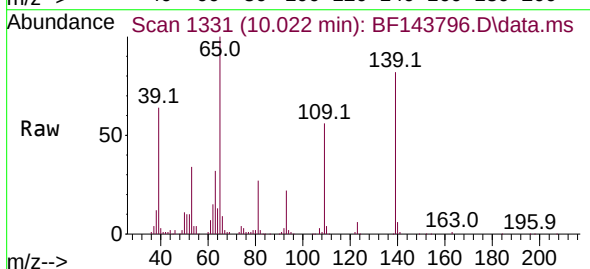
Manual Integrations
APPROVED

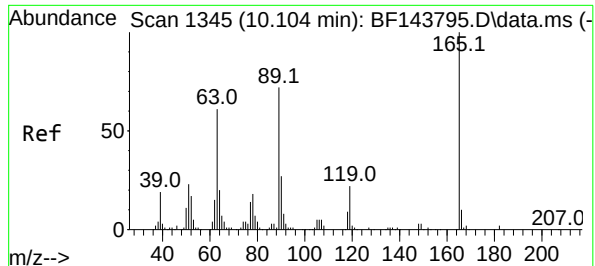
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#56
4-Nitrophenol
Concen: 49.212 ng
RT: 10.022 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

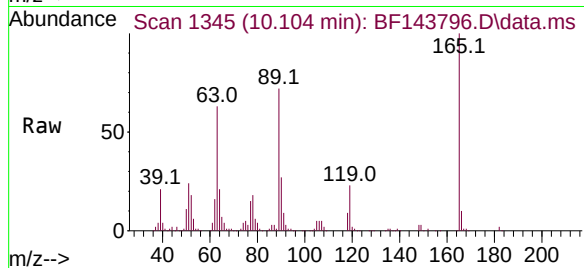
Tgt Ion:139 Resp: 121266
Ion Ratio Lower Upper
139 100
109 68.6 50.2 90.2
65 121.4 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 49.496 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

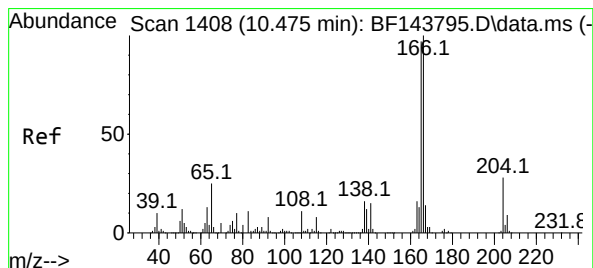
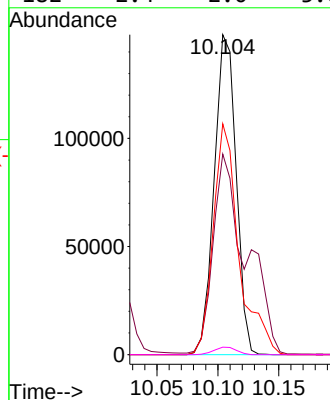
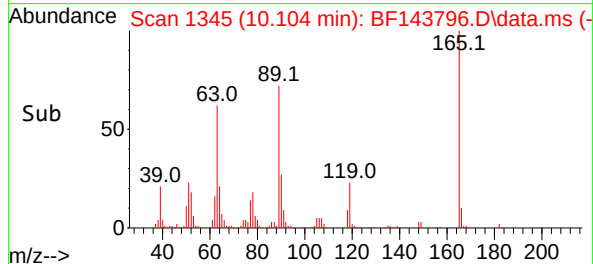
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



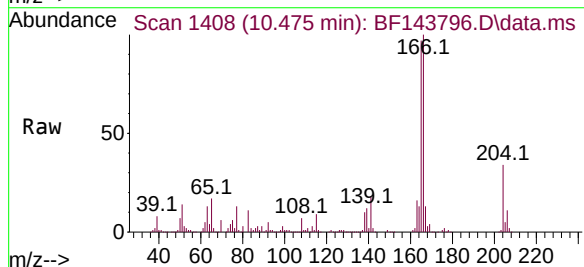
Tgt Ion:165 Resp: 185701
Ion Ratio Lower Upper
165 100
63 62.7 48.9 73.3
89 72.1 57.5 86.3
182 2.4 2.0 3.0

Manual Integrations
APPROVED

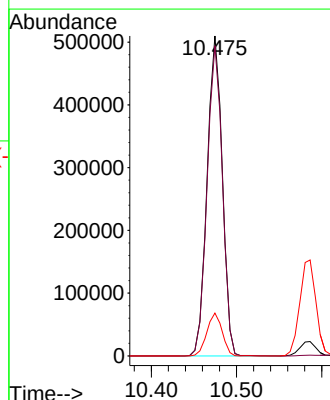
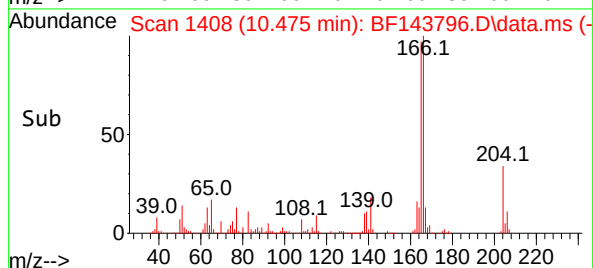
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

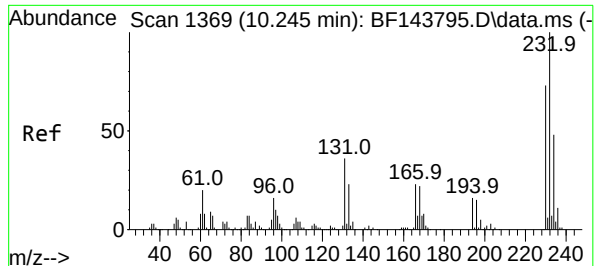


#58
Fluorene
Concen: 45.259 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion:166 Resp: 632710
Ion Ratio Lower Upper
166 100
165 96.9 78.0 117.0
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.440 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

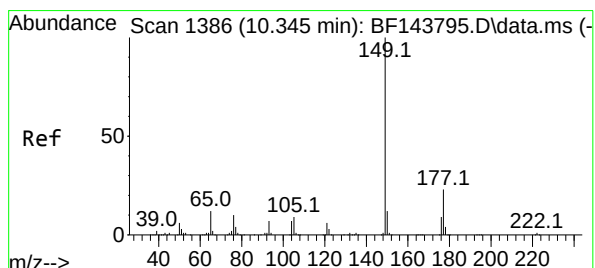
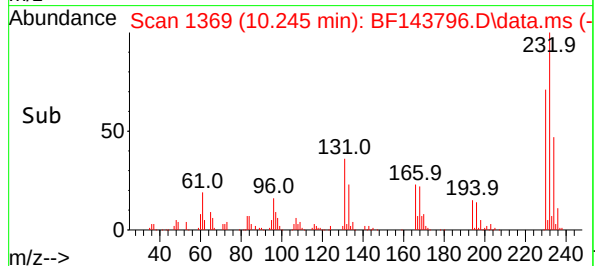
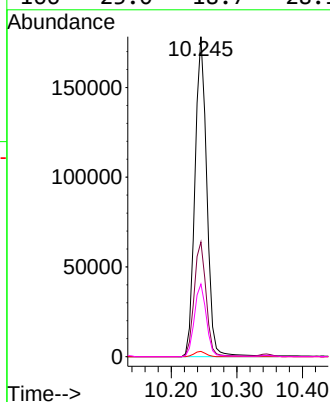
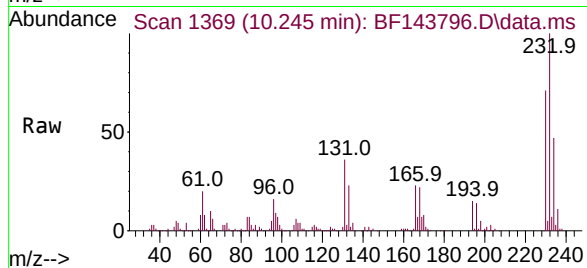
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.2	29.4	44.2
130	1.6	1.3	1.9
166	23.0	18.7	28.1

Manual Integrations

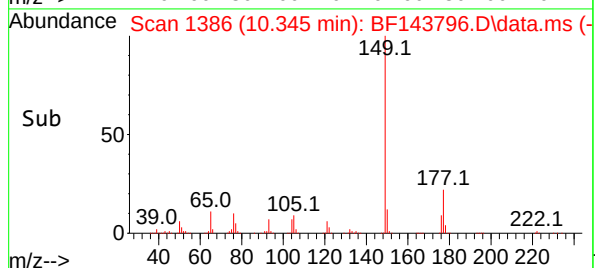
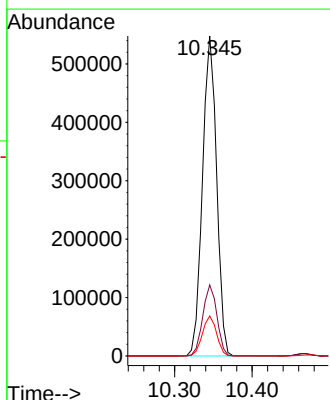
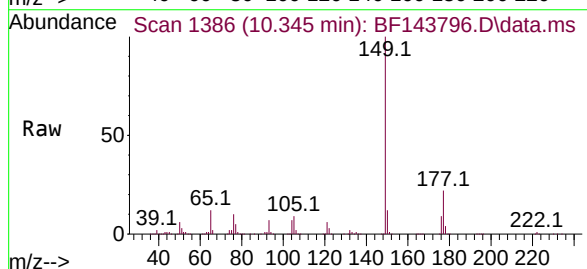
APPROVED

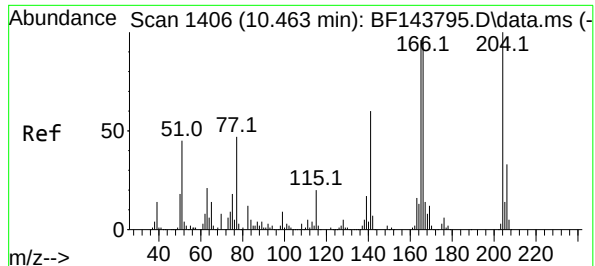
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#60
Diethylphthalate
Concen: 48.178 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

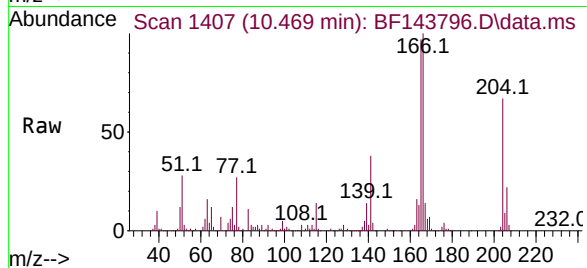
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.1	27.1
150	12.5	9.7	14.5





#61
4-Chlorophenyl-phenylether
Concen: 46.640 ng
RT: 10.469 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

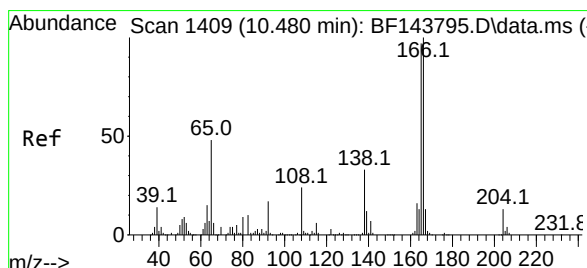
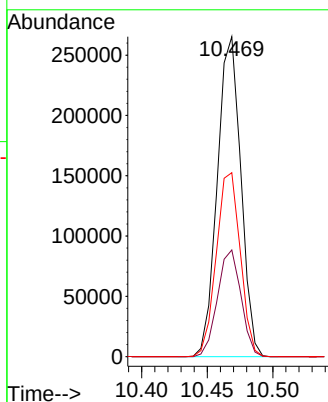
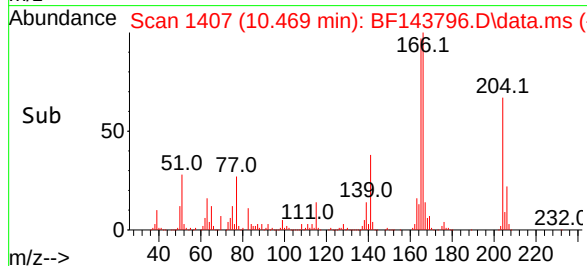
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



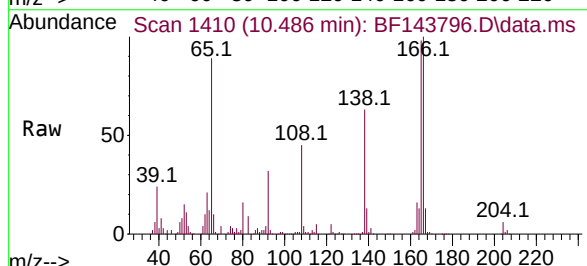
Tgt Ion:204 Resp: 332223
Ion Ratio Lower Upper
204 100
206 33.3 26.7 40.1
141 57.5 48.2 72.2

Manual Integrations
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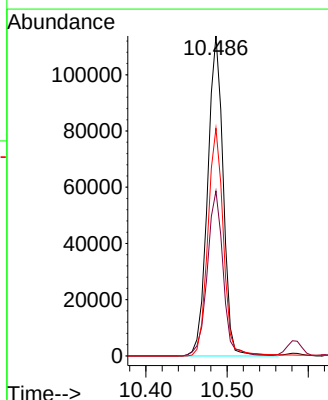
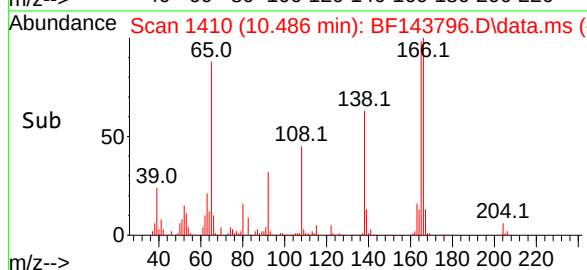
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

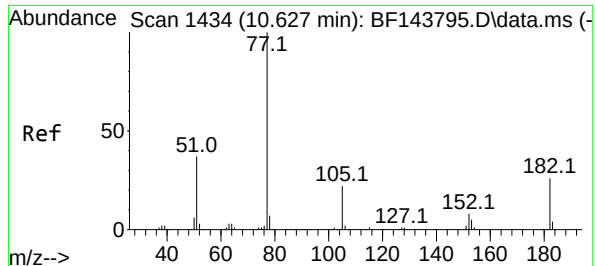


#62
4-Nitroaniline
Concen: 52.923 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



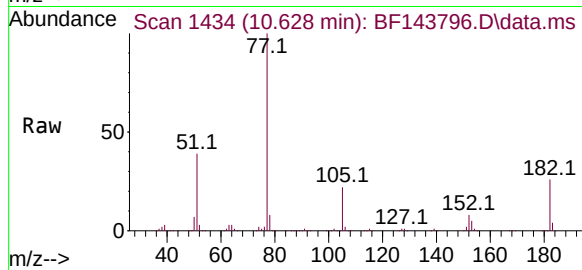
Tgt Ion:138 Resp: 152165
Ion Ratio Lower Upper
138 100
92 51.5 31.5 71.5
108 71.1 51.9 91.9





#63
Azobenzene
Concen: 47.725 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

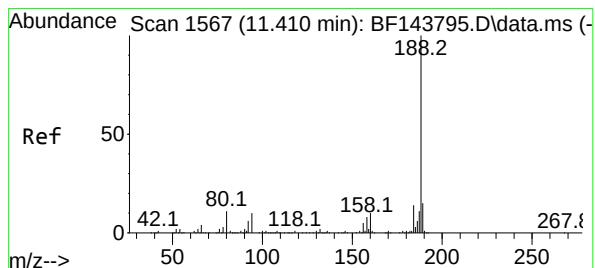
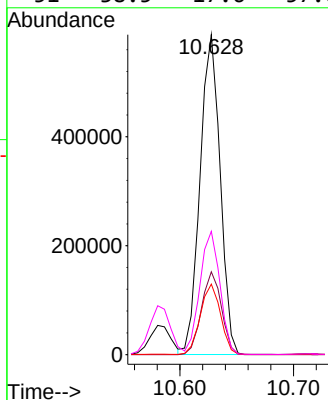
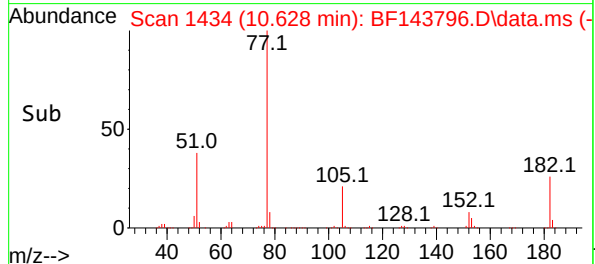
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



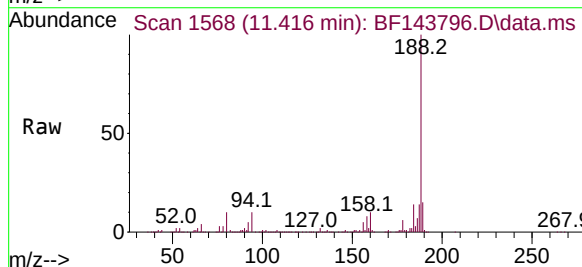
Tgt Ion: 77 Resp: 722936
Ion Ratio Lower Upper
77 100
182 25.9 5.9 45.9
105 22.1 2.3 42.3
51 38.5 17.6 57.6

Manual Integrations
APPROVED

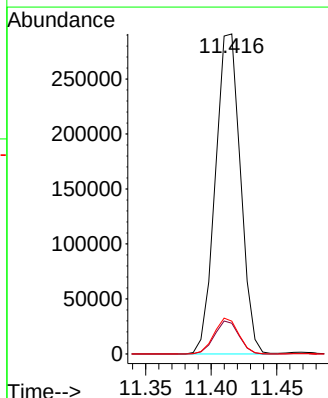
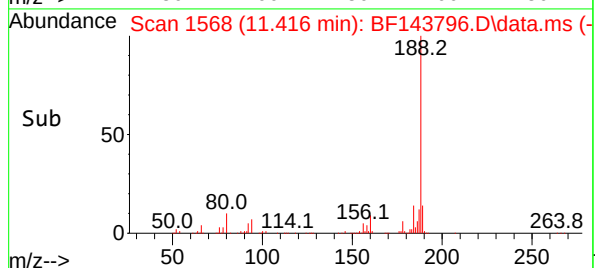
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

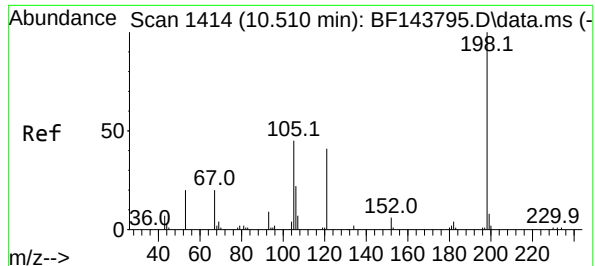


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion:188 Resp: 388493
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.2 8.6 12.8





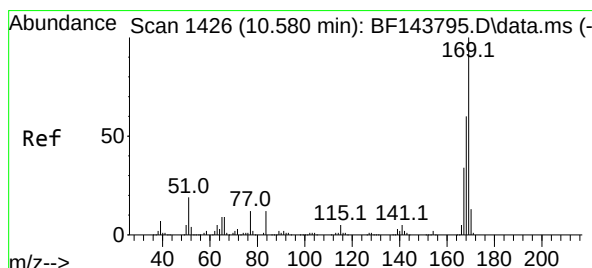
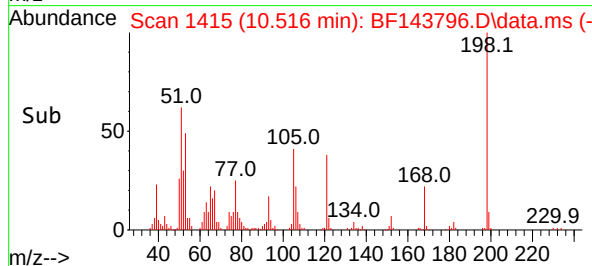
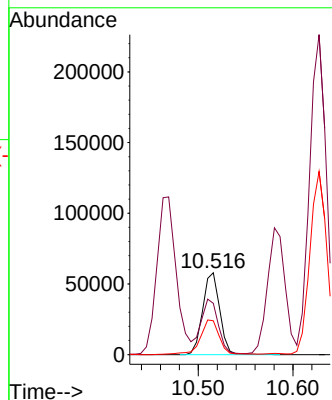
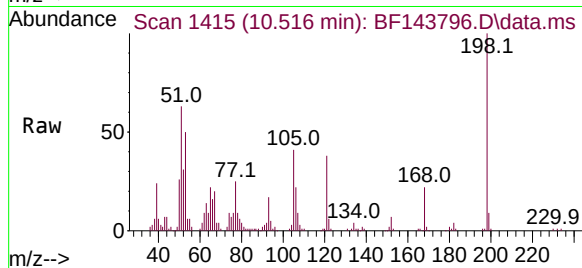
#65
4,6-Dinitro-2-methylphenol
Concen: 50.124 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:198 Resp: 72195
Ion Ratio Lower Upper
198 100
51 62.7 52.0 92.0
105 41.4 27.5 67.5

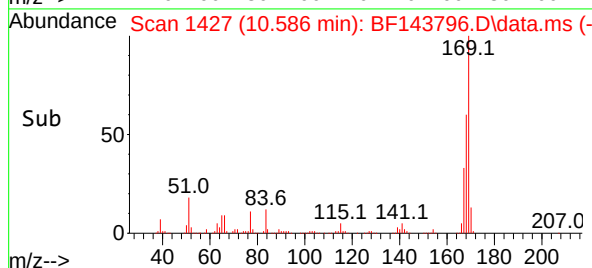
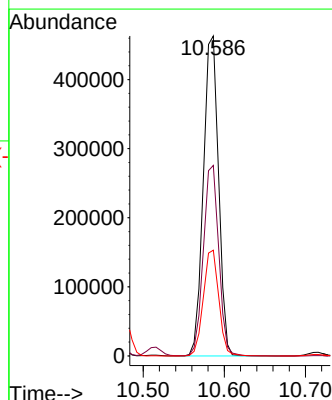
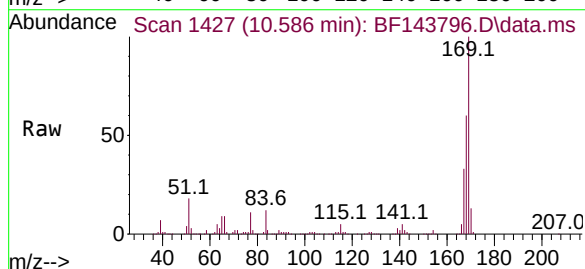
Manual Integrations
APPROVED

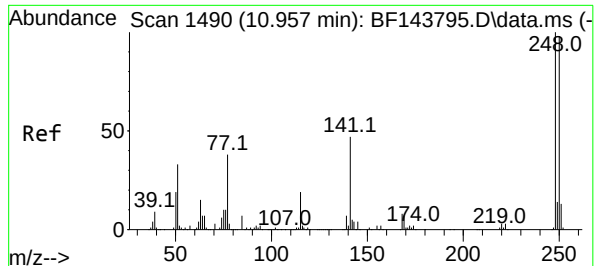
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 47.203 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

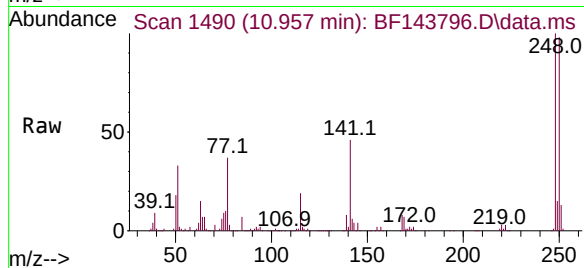
Tgt Ion:169 Resp: 603084
Ion Ratio Lower Upper
169 100
168 59.5 47.9 71.9
167 33.0 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 48.975 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

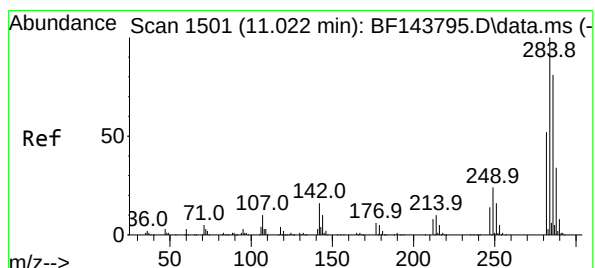
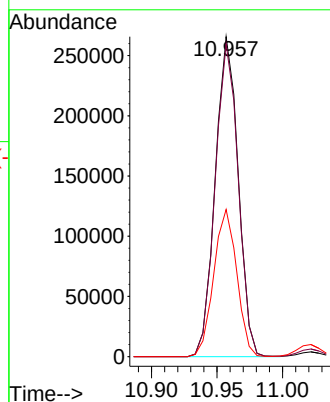
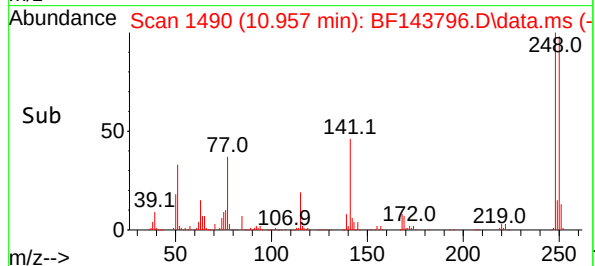
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



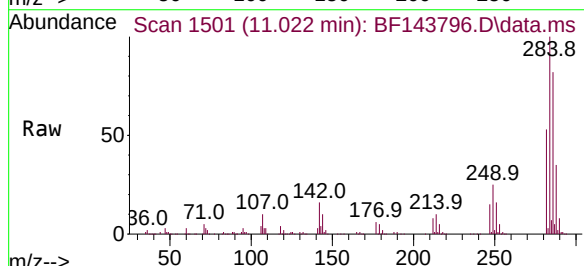
Tgt Ion:248 Resp: 324243
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 46.0 37.9 56.9

Manual Integrations
APPROVED

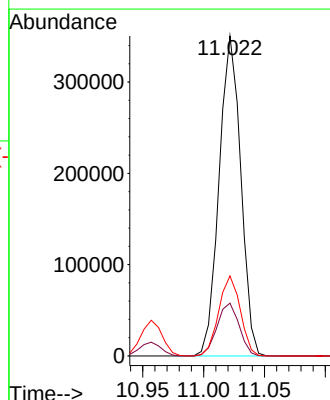
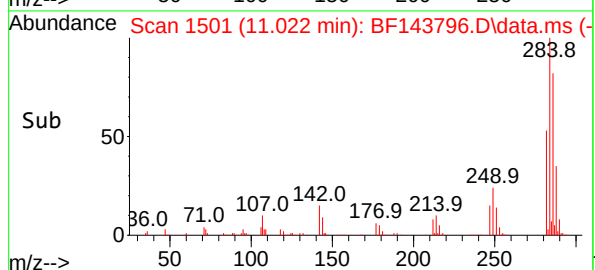
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

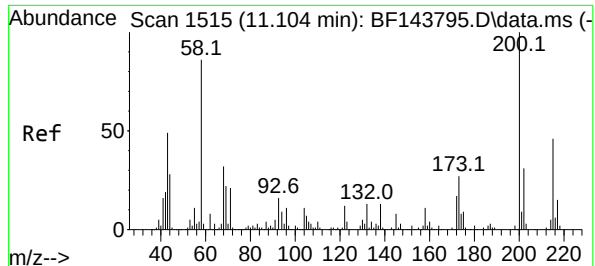


#68
Hexachlorobenzene
Concen: 47.539 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



Tgt Ion:284 Resp: 433735
Ion Ratio Lower Upper
284 100
142 16.5 13.1 19.7
249 25.0 19.5 29.3





#69

Atrazine

Concen: 48.894 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:200 Resp: 180897

Ion Ratio Lower Upper

200 100

173 26.7 7.2 47.2

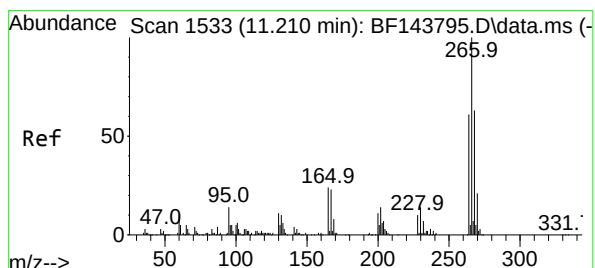
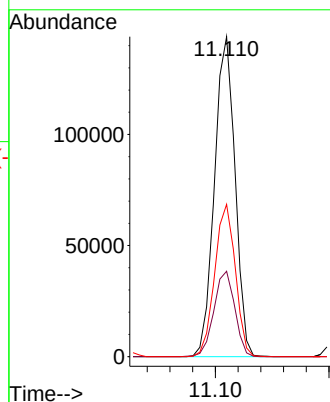
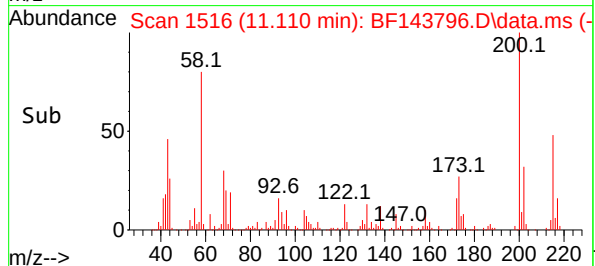
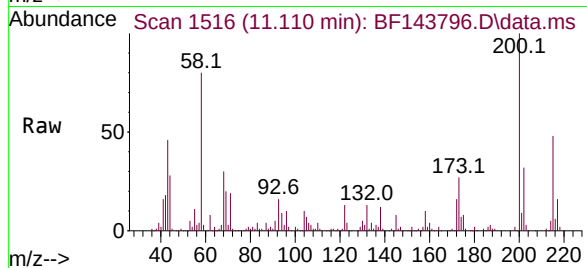
215 47.6 26.0 66.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

Concen: 51.024 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

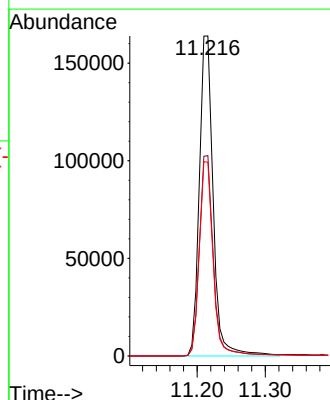
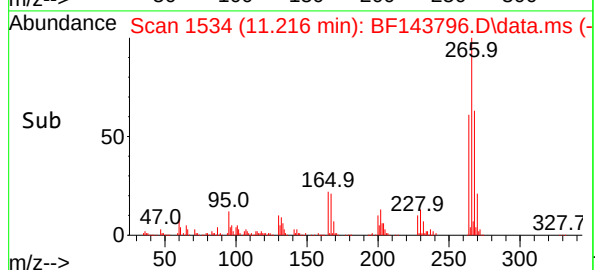
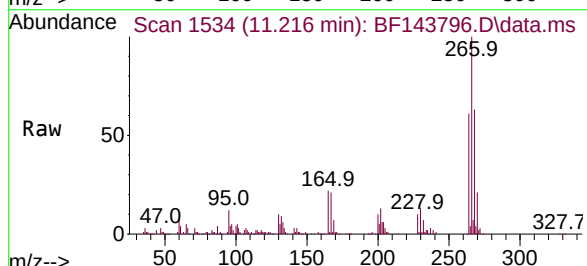
Tgt Ion:266 Resp: 231733

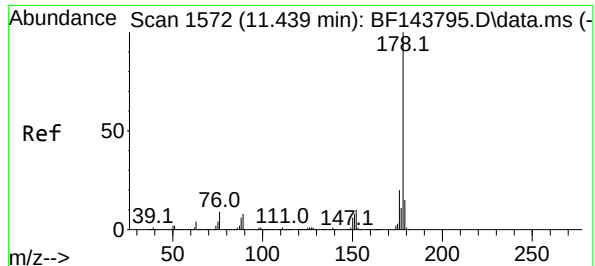
Ion Ratio Lower Upper

266 100

268 62.6 50.5 75.7

264 60.5 48.8 73.2





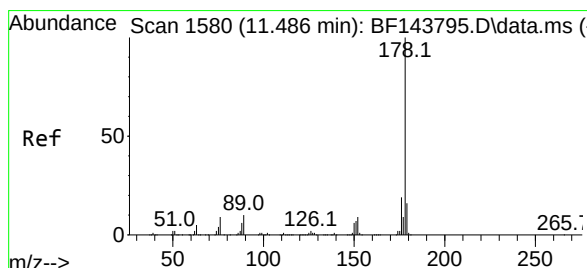
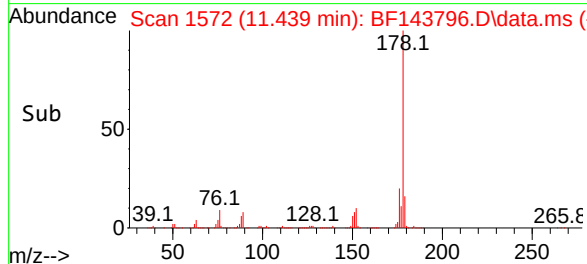
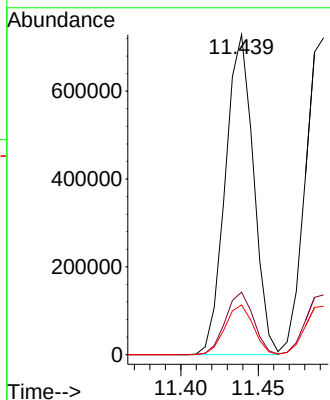
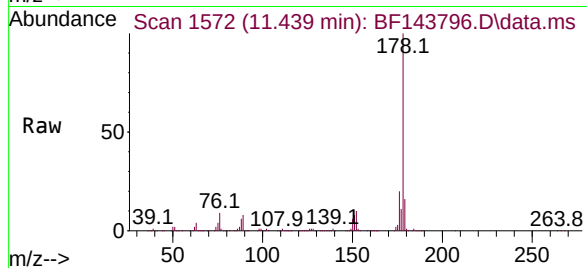
#71
Phenanthrene
Concen: 46.149 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:178 Resp: 920438
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.5 12.2 18.4

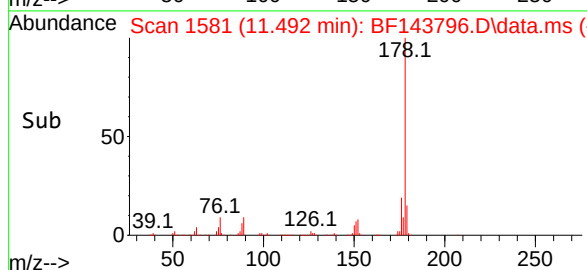
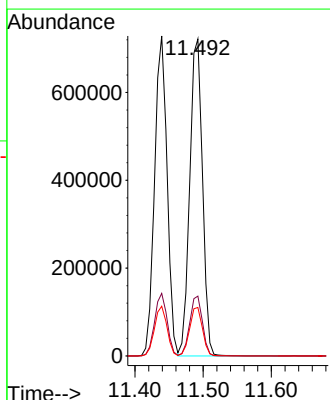
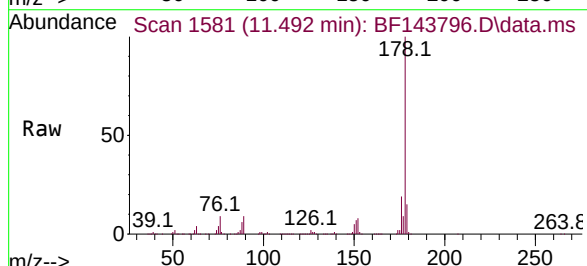
Manual Integrations
APPROVED

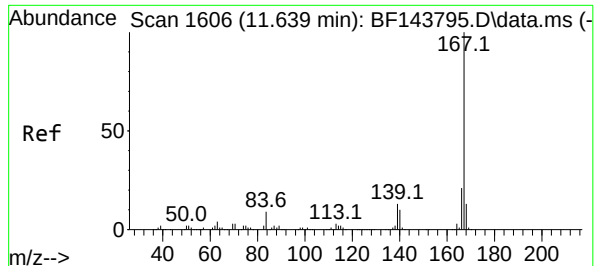
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#72
Anthracene
Concen: 46.825 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

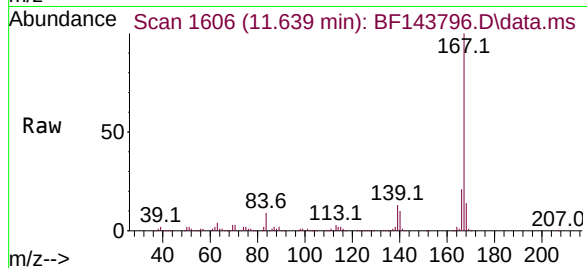
Tgt Ion:178 Resp: 936801
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.3 12.8 19.2





#73
Carbazole
Concen: 46.564 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

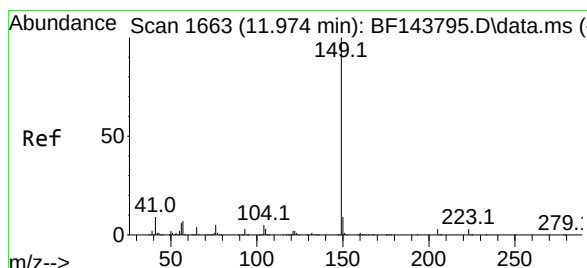
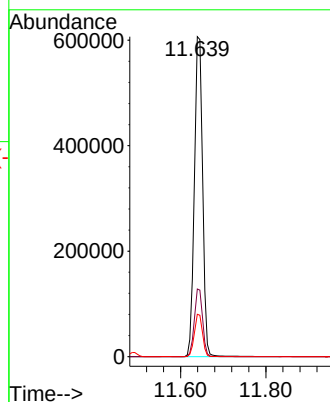
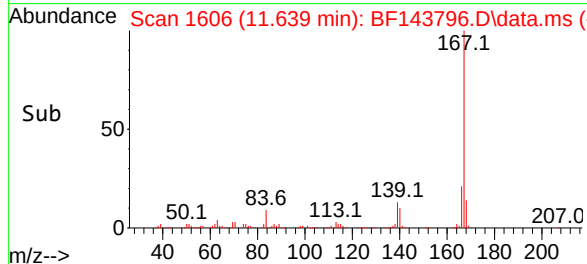
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



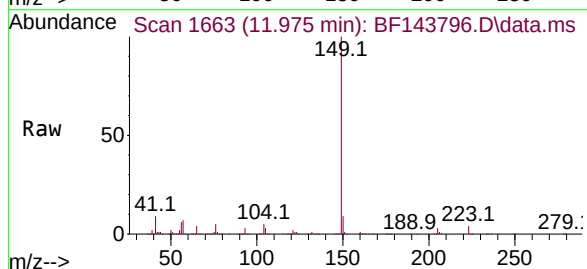
Tgt Ion:167 Resp: 814499
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 13.2 10.6 15.8

Manual Integrations
APPROVED

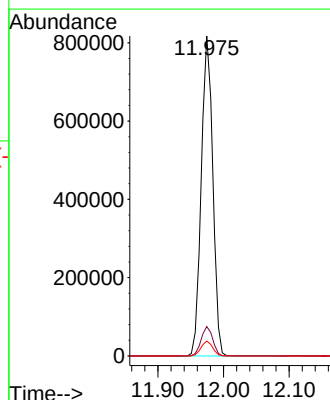
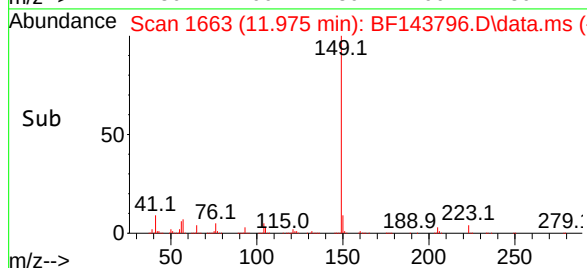
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

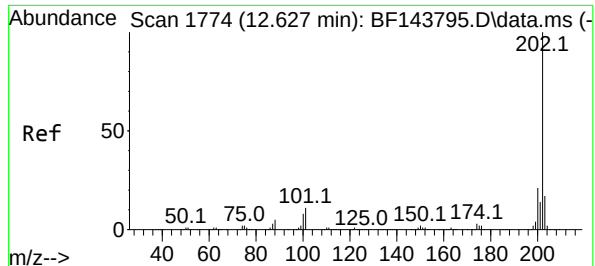


#74
Di-n-butylphthalate
Concen: 49.211 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



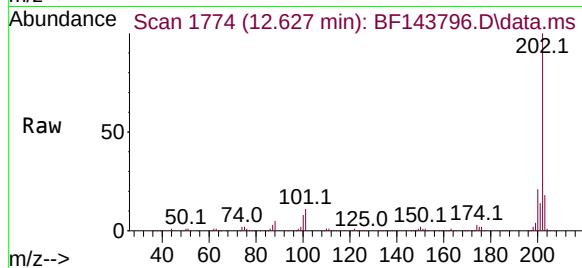
Tgt Ion:149 Resp: 990005
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 46.163 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

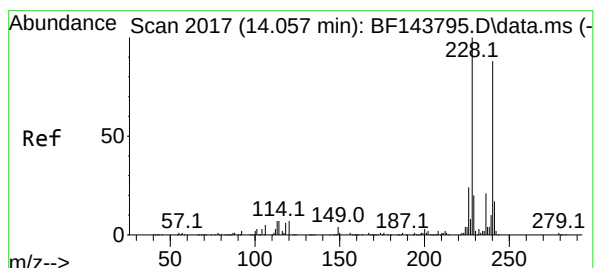
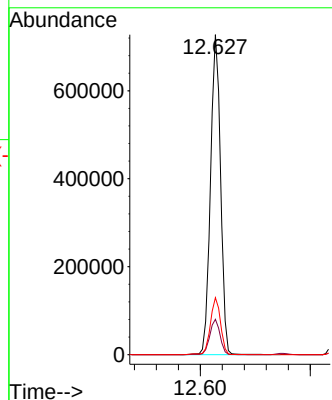
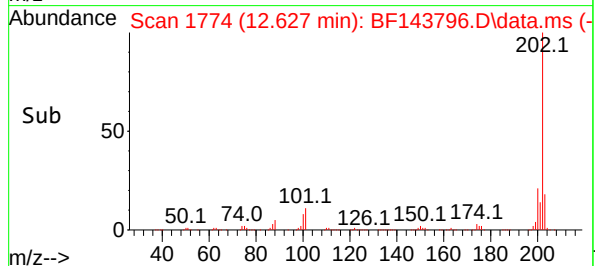
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 92604
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.1
203 17.8 0.0 37.4

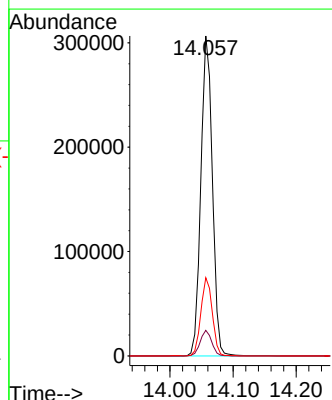
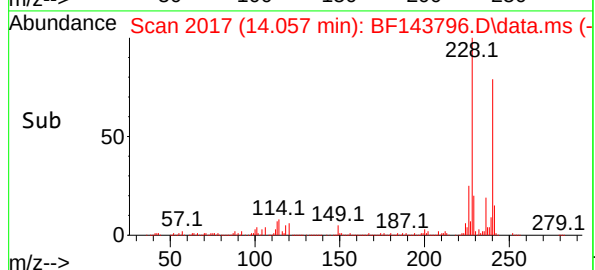
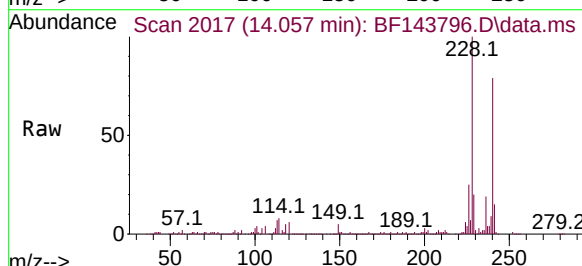
Manual Integrations
APPROVED

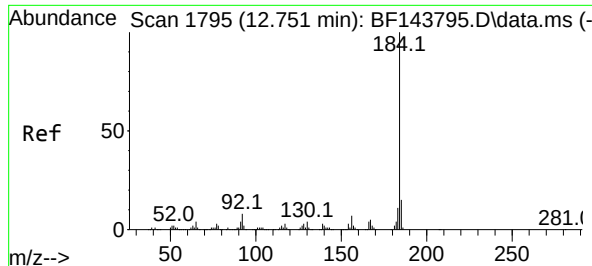
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

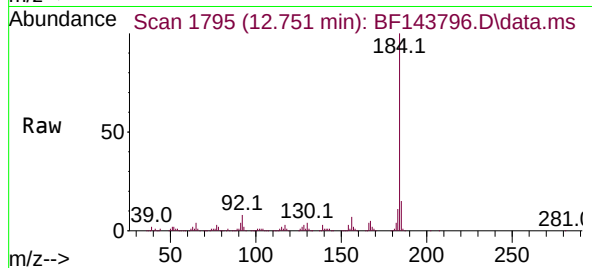
Tgt Ion:240 Resp: 388120
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.4
236 24.4 19.4 29.2





#77
Benzidine
Concen: 58.531 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

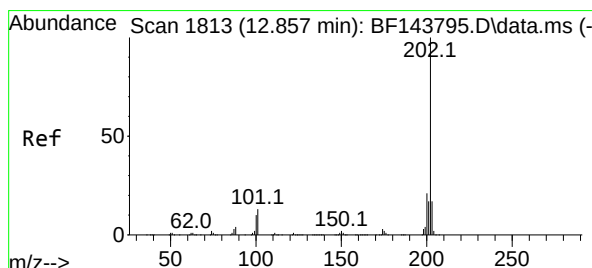
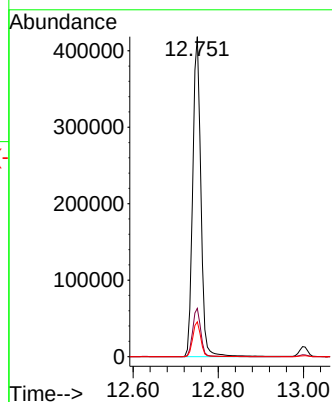
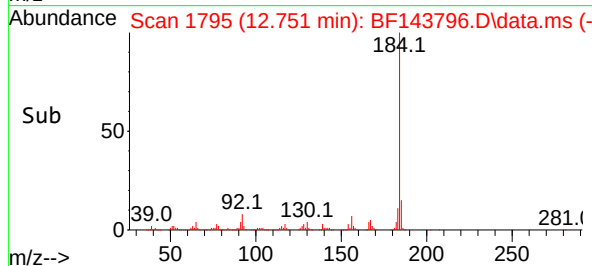
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:184 Resp: 553563
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 10.9 8.6 13.0

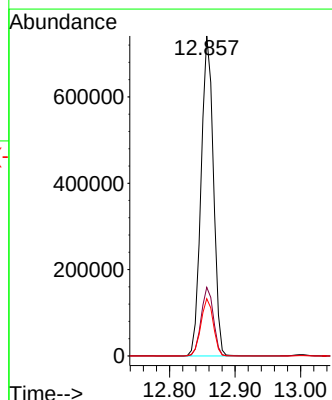
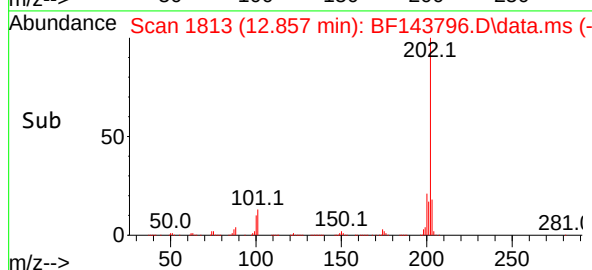
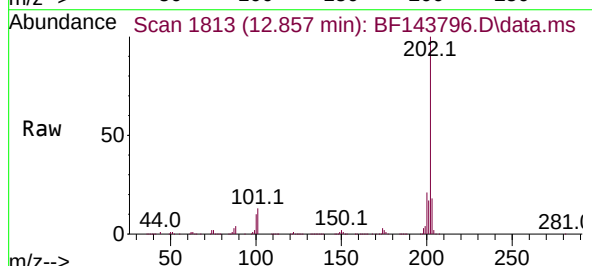
Manual Integrations
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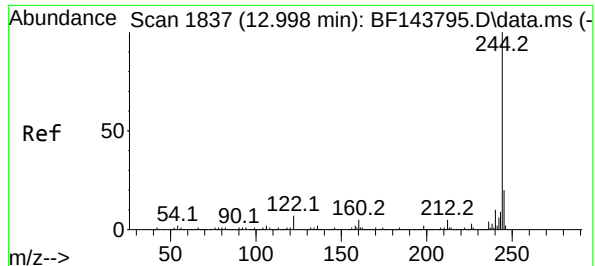
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 50.323 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

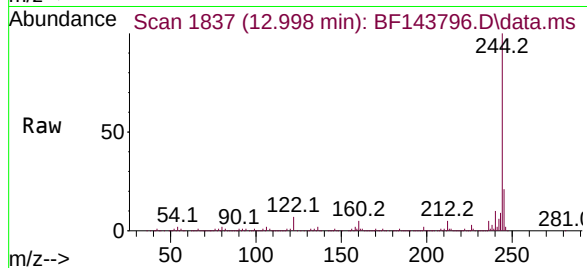
Tgt Ion:202 Resp: 960254
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 17.9 13.9 20.9





#79
Terphenyl-d14
Concen: 96.285 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

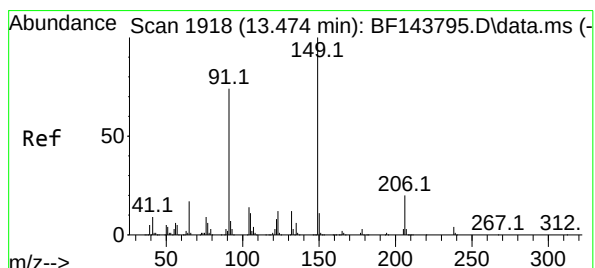
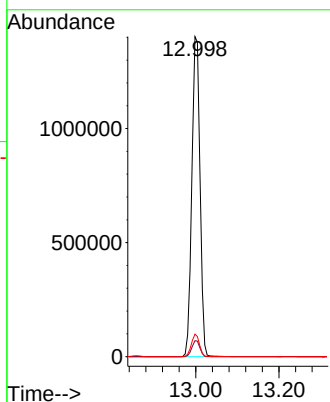
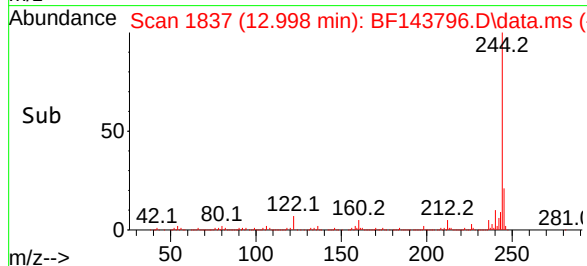
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:244 Resp: 1903421
Ion Ratio Lower Upper
244 100
212 5.0 3.9 5.9
122 7.0 5.6 8.4

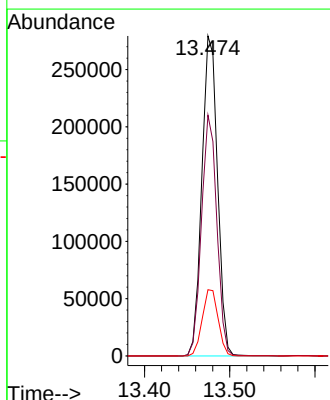
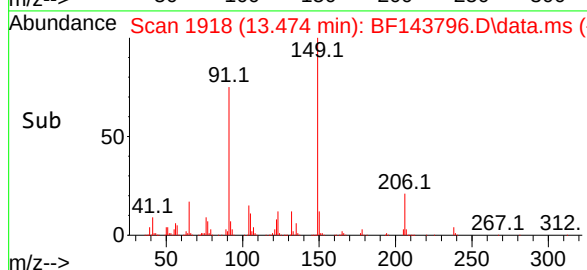
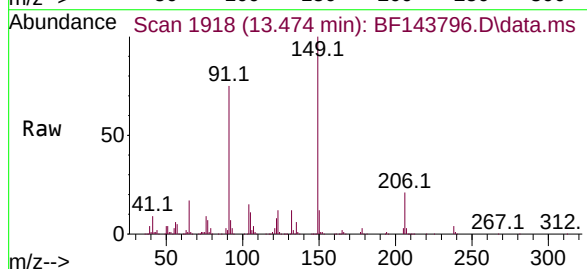
Manual Integrations
APPROVED

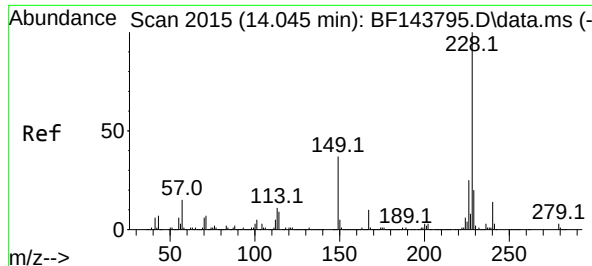
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#80
Butylbenzylphthalate
Concen: 53.969 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

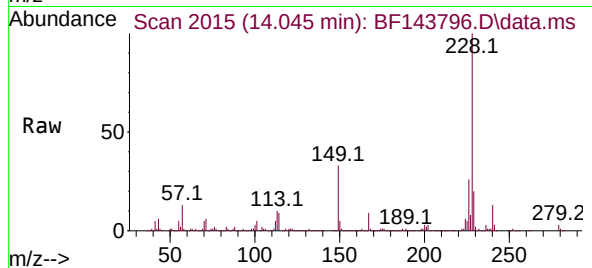
Tgt Ion:149 Resp: 356288
Ion Ratio Lower Upper
149 100
91 75.2 59.5 89.3
206 20.7 16.1 24.1





#81
Benzo(a)anthracene
Concen: 48.411 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

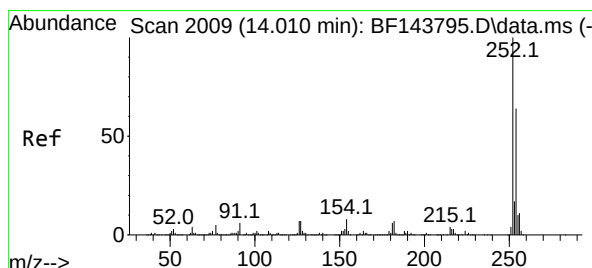
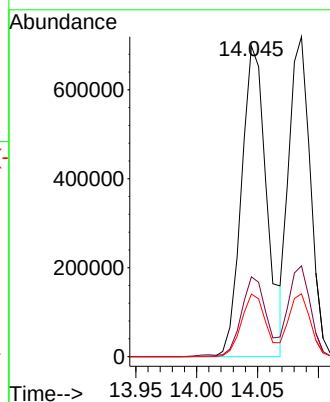
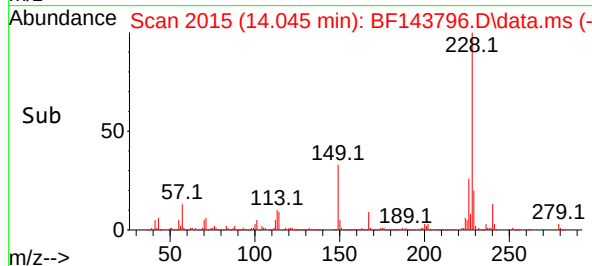
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 1009406
Ion Ratio Lower Upper
228 100
226 25.7 20.2 30.2
229 20.1 16.1 24.1

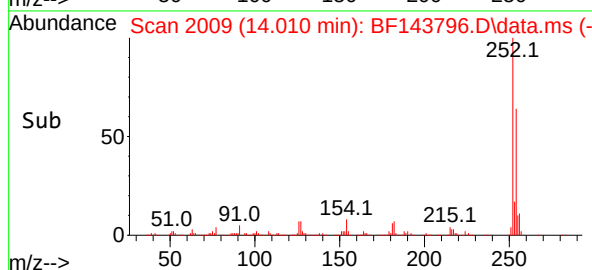
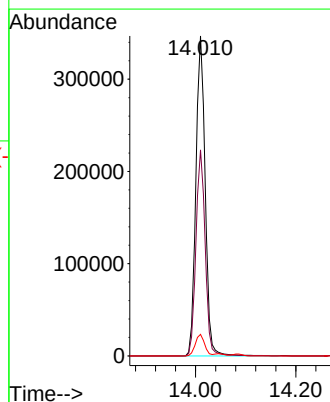
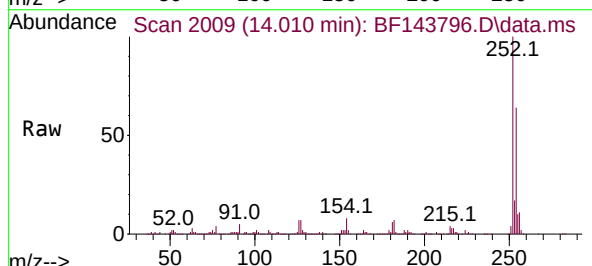
Manual Integrations
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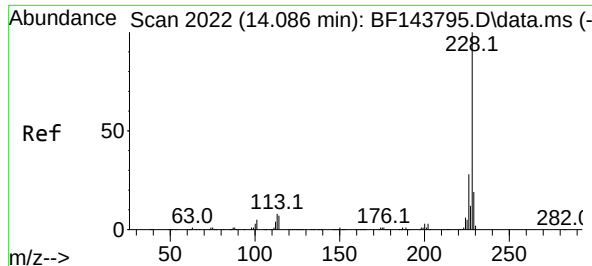
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 49.304 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

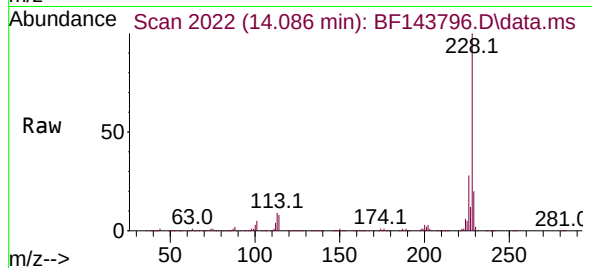
Tgt Ion:252 Resp: 445355
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 6.7 5.4 8.2





#83
Chrysene
Concen: 46.750 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

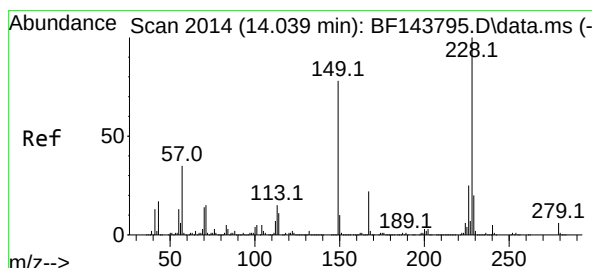
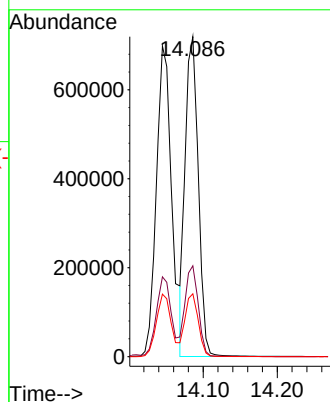
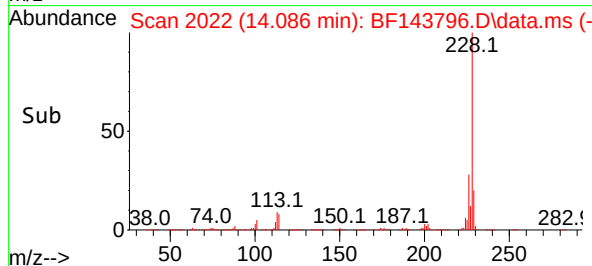
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



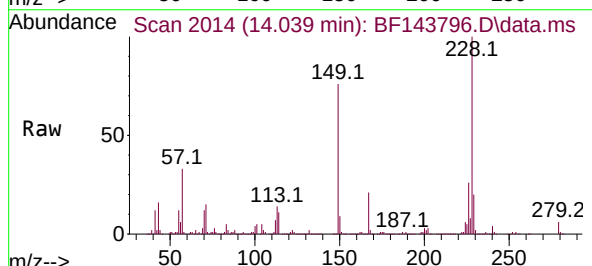
Tgt Ion:228 Resp: 882028
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 19.6 15.6 23.4

Manual Integrations
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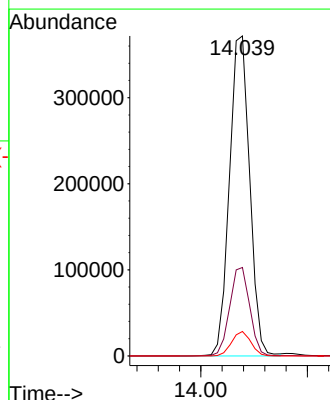
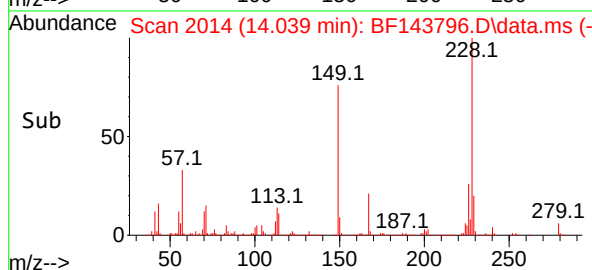
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

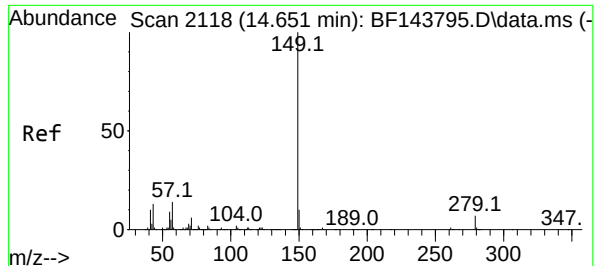


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.632 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28



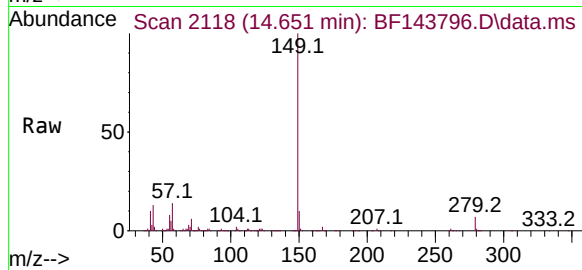
Tgt Ion:149 Resp: 489947
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.2
279 7.6 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 49.877 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

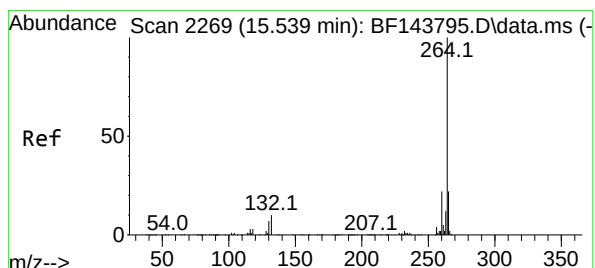
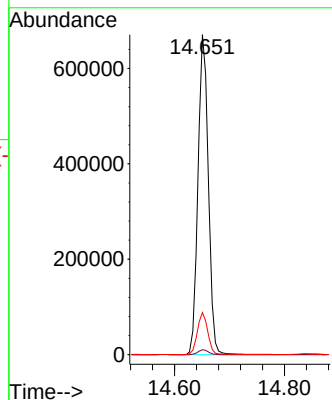
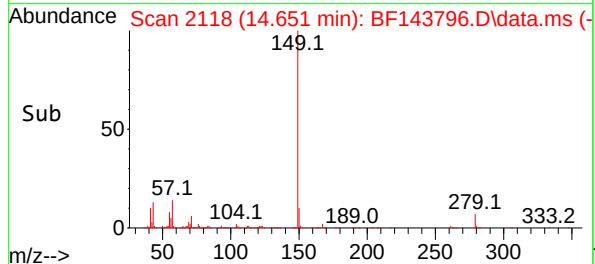
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:149 Resp: 875478
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.2 10.7 16.1

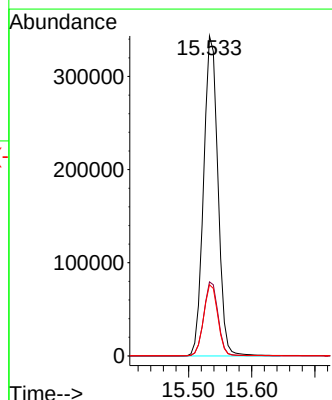
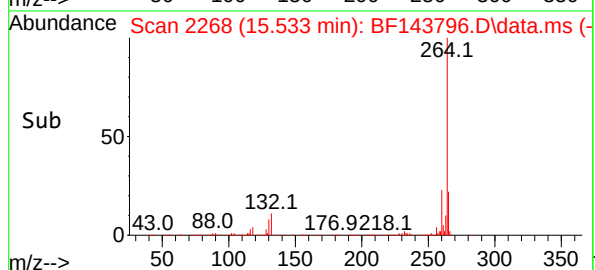
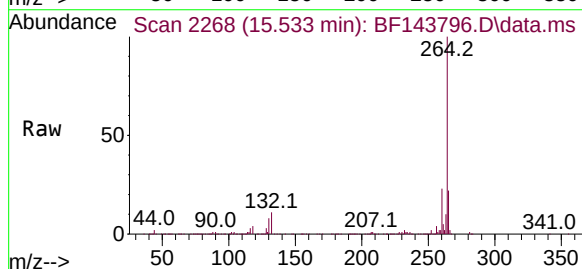
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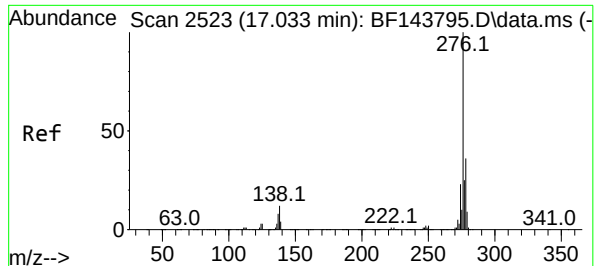
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

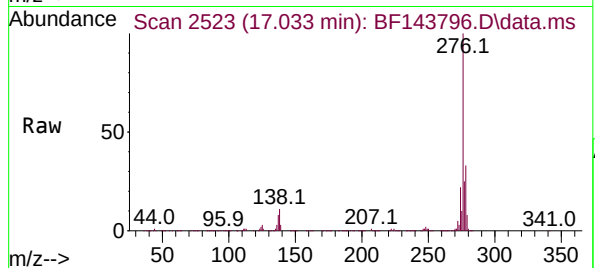
Tgt Ion:264 Resp: 541272
Ion Ratio Lower Upper
264 100
260 23.1 17.9 26.9
265 22.2 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.707 ng
RT: 17.033 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

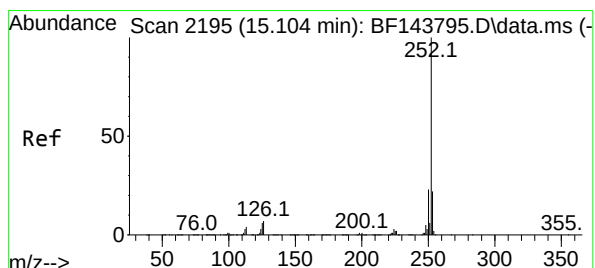
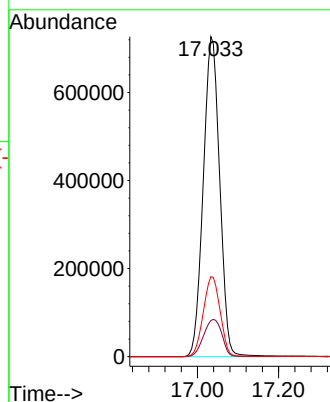
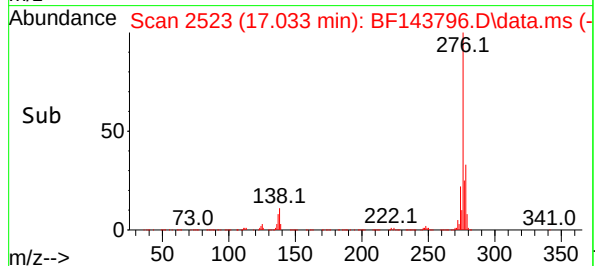
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:276 Resp: 2041373
Ion Ratio Lower Upper
276 100
138 12.9 10.6 15.8
277 25.6 20.7 31.1

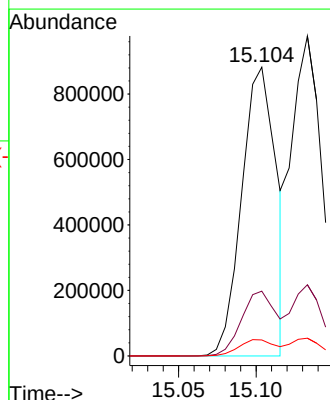
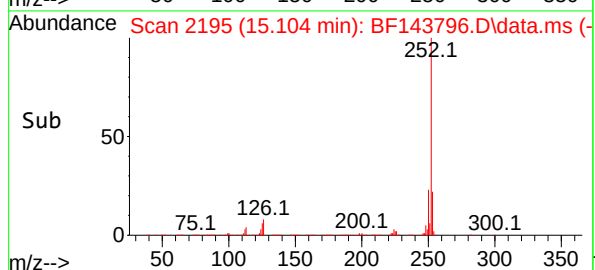
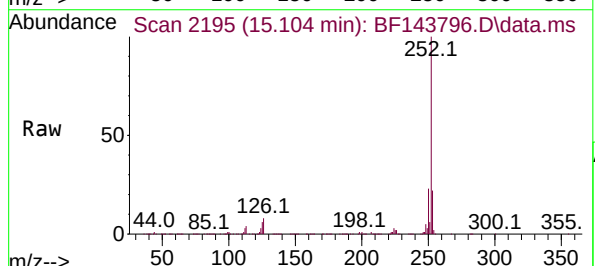
Manual Integrations
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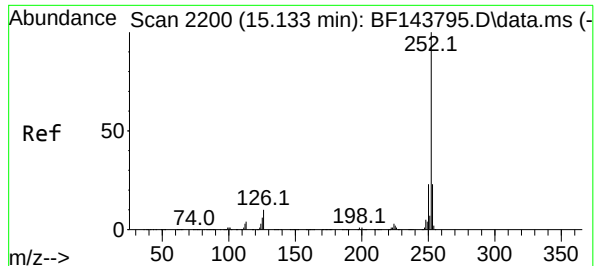
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#88
Benzo(b)fluoranthene
Concen: 49.206 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:252 Resp: 1356316
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 48.662 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 134759

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

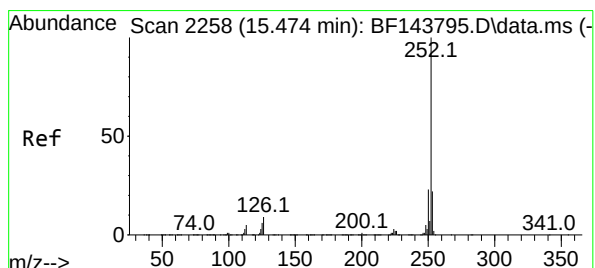
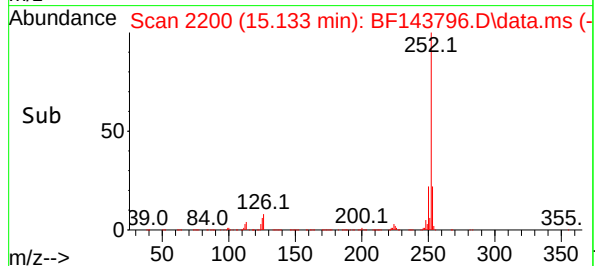
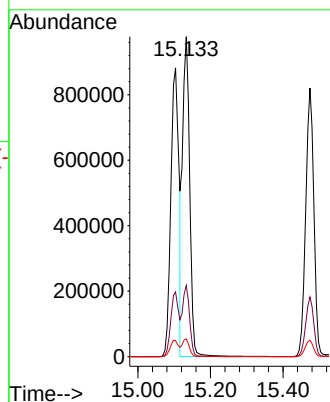
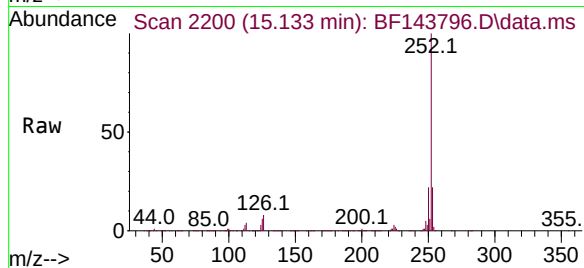
125 5.5 4.6 6.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 49.541 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143796.D

Acq: 23 Sep 2025 14:28

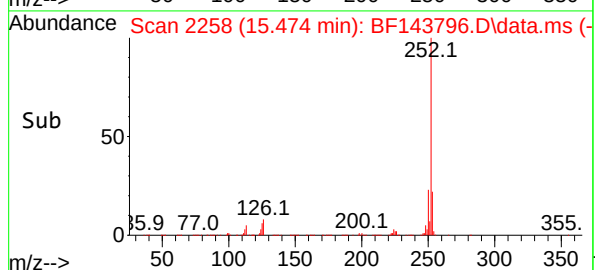
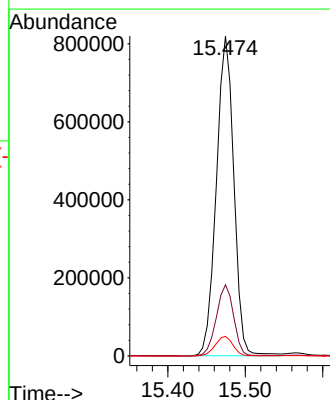
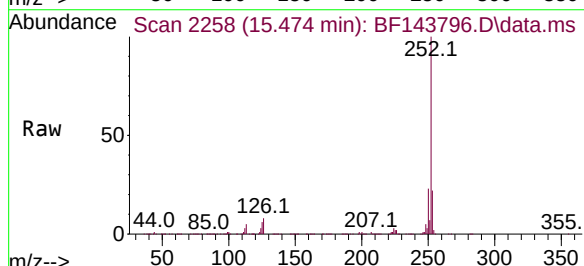
Tgt Ion:252 Resp: 1283604

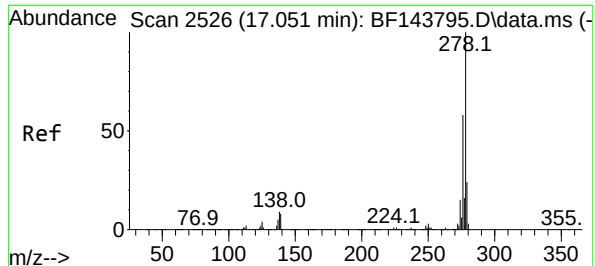
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

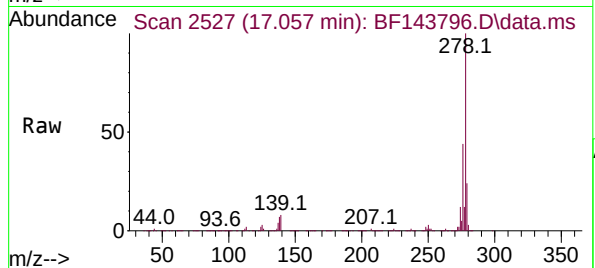
125 6.1 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 49.826 ng
RT: 17.057 min Scan# 2526
Delta R.T. -0.012 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

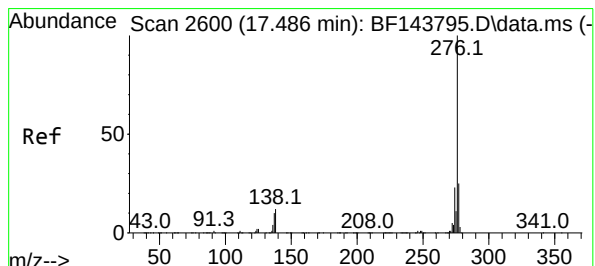
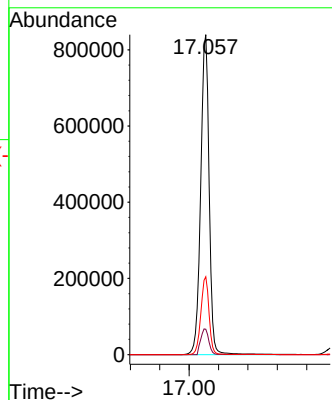
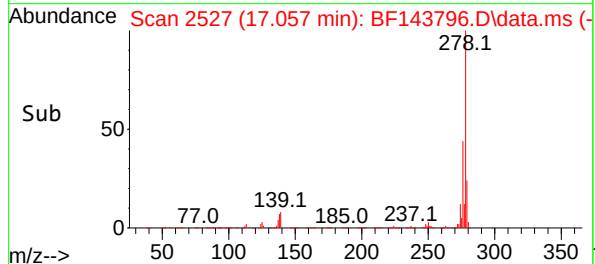
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 1673679
Ion Ratio Lower Upper
278 100
139 7.9 6.7 10.1
279 24.3 19.3 28.9

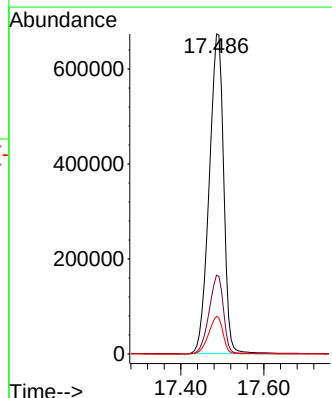
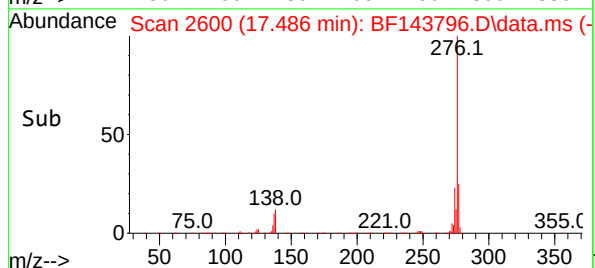
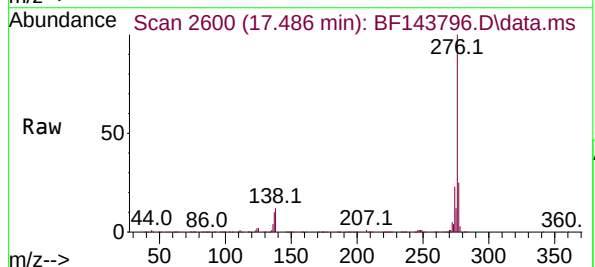
Manual Integrations
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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 50.151 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143796.D
Acq: 23 Sep 2025 14:28

Tgt Ion:276 Resp: 1623902
Ion Ratio Lower Upper
276 100
277 24.6 19.6 29.4
138 11.8 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143797.D
 Acq On : 23 Sep 2025 14:58
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	132440	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	482940	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	240564	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	364411	20.000	ng	0.00
76) Chrysene-d12	14.057	240	359318	20.000	ng	0.00
86) Perylene-d12	15.533	264	519571	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	948307	115.234	ng	0.00
7) Phenol-d6	6.510	99	1089571	112.196	ng	0.00
23) Nitrobenzene-d5	7.451	82	956391	124.628	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	396463	115.480	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1664507	102.249	ng	0.00
79) Terphenyl-d14	13.004	244	2132520	116.521	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	231372	59.300	ng	98
3) Pyridine	3.416	79	636709	60.455	ng	99
4) n-Nitrosodimethylamine	3.369	42	324819	61.507	ng	99
6) Aniline	6.551	93	785861	57.487	ng	100
8) 2-Chlorophenol	6.669	128	494437	59.248	ng	99
9) Benzaldehyde	6.440	77	611123	74.093	ng	99
10) Phenol	6.522	94	644396m	58.860	ng	
11) bis(2-Chloroethyl)ether	6.622	93	504773	58.819	ng	99
12) 1,3-Dichlorobenzene	6.828	146	550246	56.789	ng	99
13) 1,4-Dichlorobenzene	6.904	146	548117	56.685	ng	100
14) 1,2-Dichlorobenzene	7.057	146	520261	56.809	ng	99
15) Benzyl Alcohol	7.028	79	414075	60.843	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1178357	57.906	ng	100
17) 2-Methylphenol	7.134	107	381125	58.990	ng	99
18) Hexachloroethane	7.404	117	195969	57.629	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	345358	57.020	ng	100
20) 3+4-Methylphenols	7.287	107	454811	57.806	ng	95
22) Acetophenone	7.298	105	584748	55.128	ng	98
24) Nitrobenzene	7.469	77	523344	59.844	ng	98
25) Isophorone	7.710	82	917958	59.707	ng	99
26) 2-Nitrophenol	7.787	139	225802	62.050	ng	96
27) 2,4-Dimethylphenol	7.816	122	413744	60.209	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	567489	56.813	ng	99
29) 2,4-Dichlorophenol	8.022	162	402655	59.550	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	404040	57.579	ng	100
31) Naphthalene	8.192	128	1287223	55.678	ng	99
32) Benzoic acid	7.916	122	230784	69.608	ng	97
33) 4-Chloroaniline	8.239	127	467252	57.512	ng	99
34) Hexachlorobutadiene	8.310	225	303886	58.093	ng	99
35) Caprolactam	8.610	113	110413	63.887	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	379597	59.859	ng	99
37) 2-Methylnaphthalene	8.881	142	828108	56.174	ng	99
38) 1-Methylnaphthalene	8.981	142	796215	56.428	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	405534	55.860	ng	99
41) Hexachlorocyclopentadiene	9.039	237	289489	62.918	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	282839	62.219	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143797.D
 Acq On : 23 Sep 2025 14:58
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:06:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	289963	60.982	ng	99
46) 1,1'-Biphenyl	9.345	154	957109	54.963	ng	99
47) 2-Chloronaphthalene	9.375	162	779426	55.605	ng	99
48) 2-Nitroaniline	9.463	65	288403	68.075	ng	97
49) Acenaphthylene	9.786	152	1091835	56.581	ng	100
50) Dimethylphthalate	9.639	163	859613	58.627	ng	100
51) 2,6-Dinitrotoluene	9.704	165	166977	69.313	ng	98
52) Acenaphthene	9.957	154	704698	55.494	ng	99
53) 3-Nitroaniline	9.875	138	192607	65.960	ng	99
54) 2,4-Dinitrophenol	9.975	184	54678	61.464	ng	81
55) Dibenzofuran	10.134	168	1004529	55.941	ng	100
56) 4-Nitrophenol	10.022	139	142495	60.557	ng	97
57) 2,4-Dinitrotoluene	10.104	165	222260	61.297	ng	99
58) Fluorene	10.475	166	711929	53.330	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	260302	63.904	ng	99
60) Diethylphthalate	10.345	149	800261	58.305	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	378141	55.593	ng	98
62) 4-Nitroaniline	10.486	138	175465	63.907	ng	99
63) Azobenzene	10.628	77	839301	58.022	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	90861	62.624	ng	91
66) n-Nitrosodiphenylamine	10.586	169	695896	58.067	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	373431	60.132	ng	99
68) Hexachlorobenzene	11.022	284	504432	58.941	ng	99
69) Atrazine	11.110	200	204628	58.963	ng	98
70) Pentachlorophenol	11.216	266	277473	65.133	ng	100
71) Phenanthrene	11.439	178	1042871	55.742	ng	99
72) Anthracene	11.492	178	1052693	56.095	ng	100
73) Carbazole	11.645	167	925032	56.377	ng	99
74) Di-n-butylphthalate	11.975	149	1113894	59.029	ng	100
75) Fluoranthene	12.627	202	1044763	55.523	ng	99
77) Benzidine	12.751	184	596216	68.094	ng	99
78) Pyrene	12.857	202	1089660	61.683	ng	100
80) Butylbenzylphthalate	13.474	149	411027	67.252	ng	99
81) Benzo(a)anthracene	14.045	228	1148366	59.491	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	517428	61.874	ng	100
83) Chrysene	14.086	228	1014385	58.075	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	556458	62.115	ng	100
85) Di-n-octyl phthalate	14.651	149	1010224	62.167	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	2413125	61.213	ng	99
88) Benzo(b)fluoranthene	15.104	252	1562058	59.037	ng	100
89) Benzo(k)fluoranthene	15.133	252	1604602	60.363	ng	99
90) Benzo(a)pyrene	15.474	252	1514049	60.876	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	1959781	60.781	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1938747	62.375	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

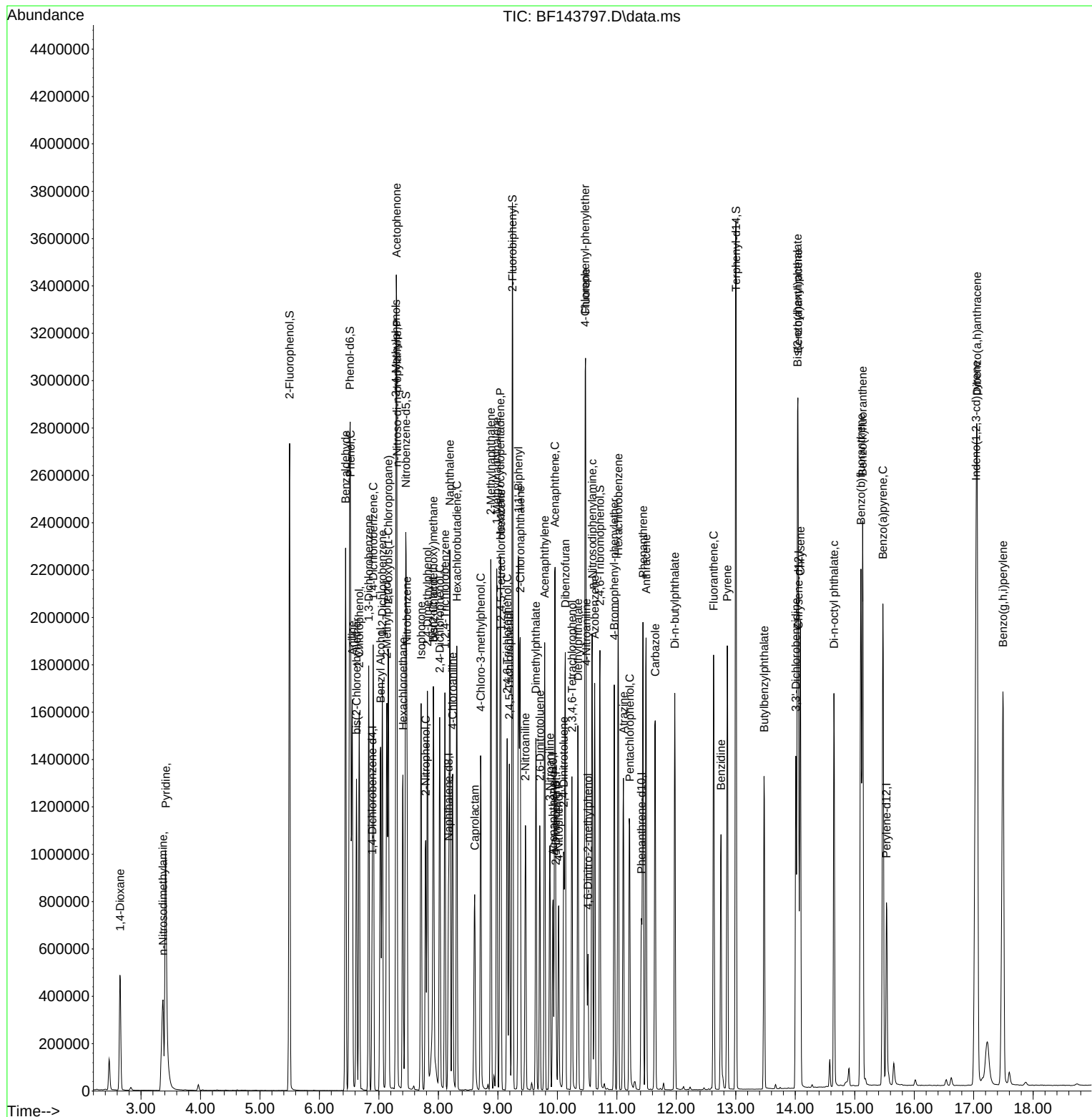
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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\  
Data File : BF143797.D  
Acq On    : 23 Sep 2025  14:58  
Operator  : RC/JU  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 8    Sample Multiplier: 1
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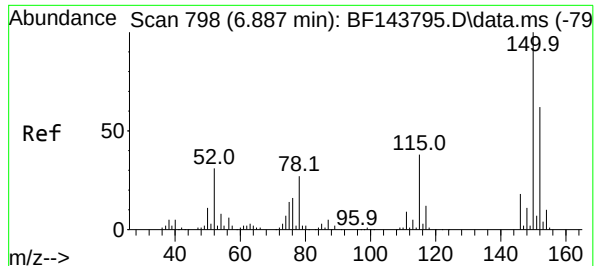
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

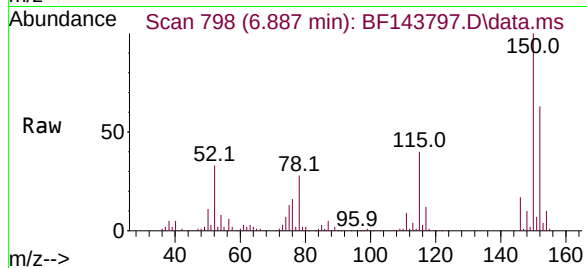
Quant Time: Sep 23 17:06:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 16:31:21 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

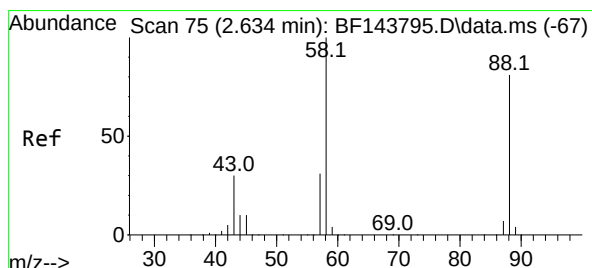
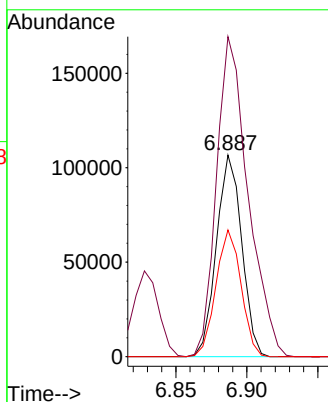
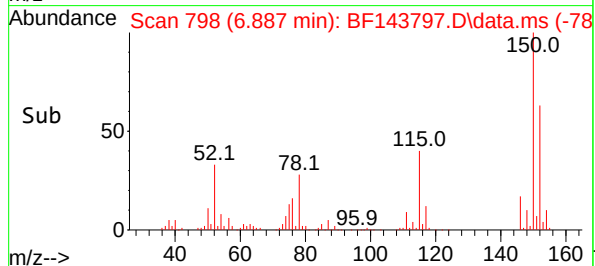
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:152 Resp: 132440
Ion Ratio Lower Upper
152 100
150 158.8 129.6 194.4
115 62.9 49.0 73.4

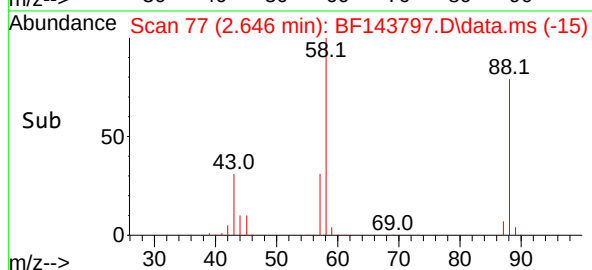
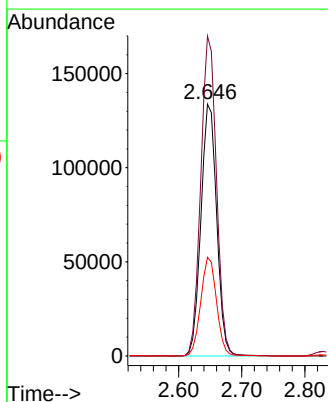
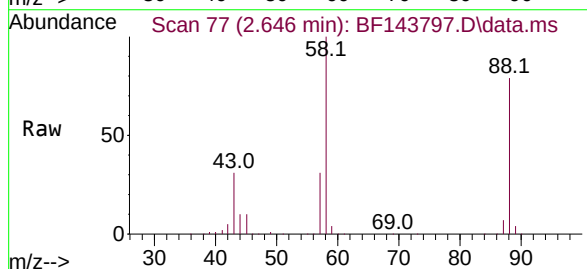
Manual Integrations
APPROVED

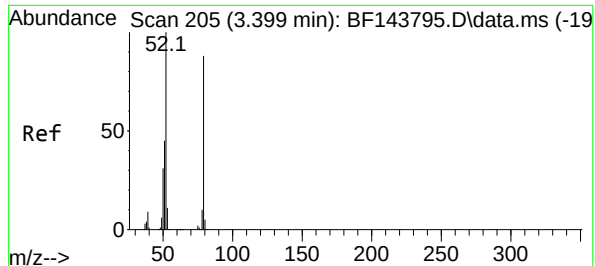
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 59.300 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

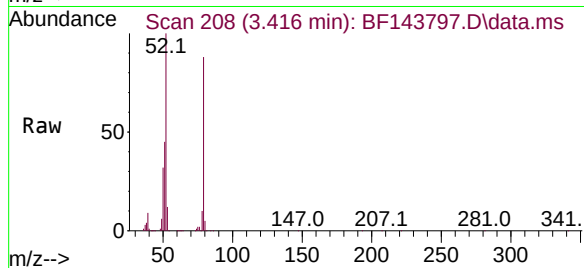
Tgt Ion: 88 Resp: 231372
Ion Ratio Lower Upper
88 100
58 126.7 99.4 149.2
43 39.3 30.6 45.8





#3
Pyridine
Concen: 60.455 ng
RT: 3.416 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

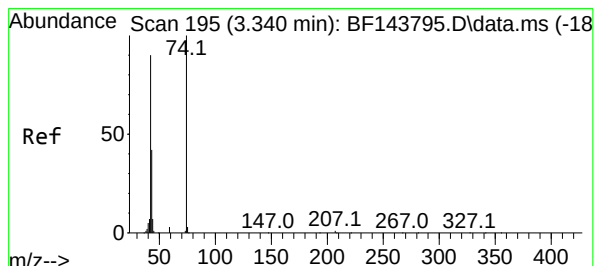
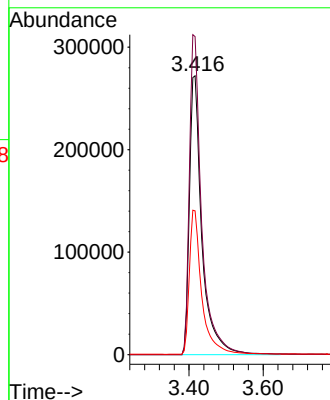
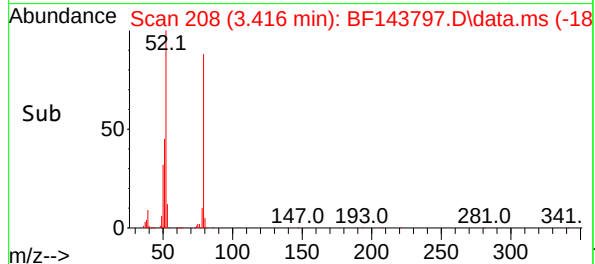
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 636709
Ion Ratio Lower Upper
79 100
52 114.1 90.5 135.7
51 51.6 40.6 61.0

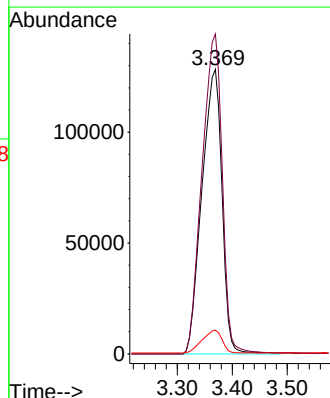
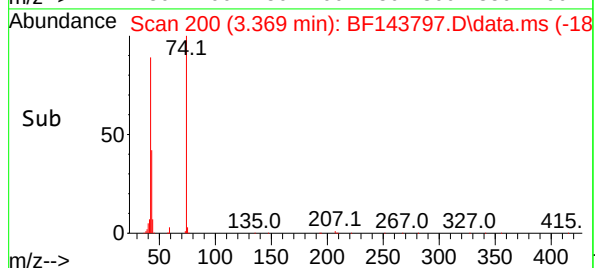
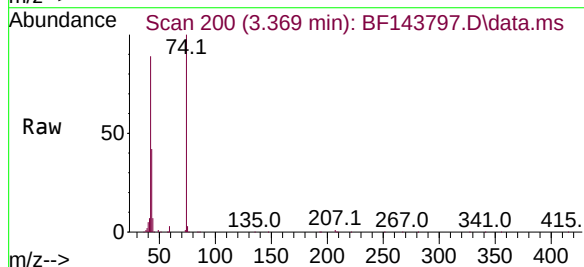
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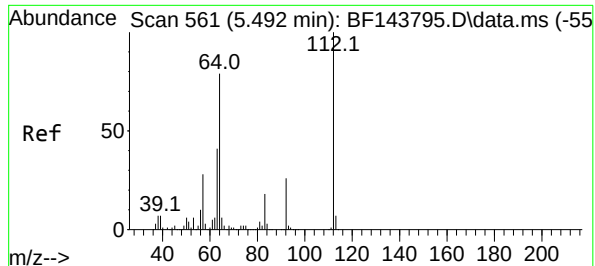
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 61.507 ng
RT: 3.369 min Scan# 200
Delta R.T. 0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 42 Resp: 324819
Ion Ratio Lower Upper
42 100
74 112.5 89.1 133.7
44 8.4 6.4 9.6





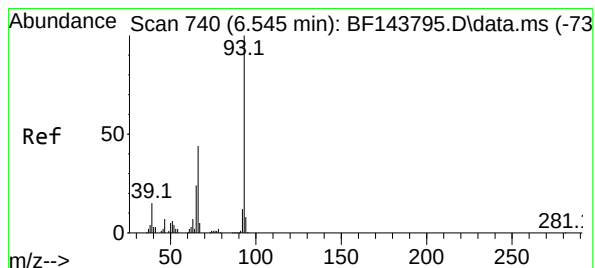
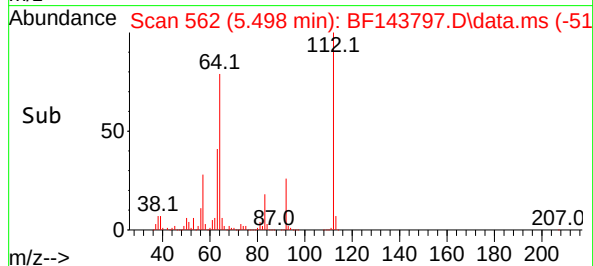
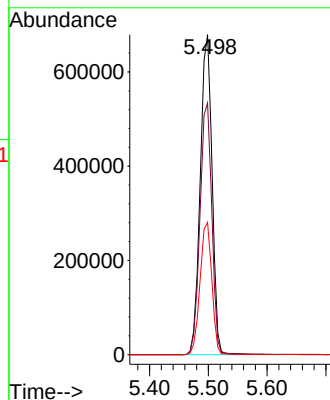
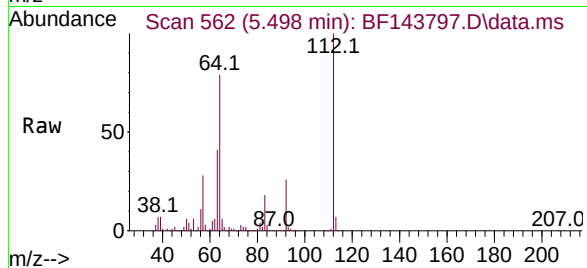
#5
2-Fluorophenol
Concen: 115.234 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:112 Resp: 948307
Ion Ratio Lower Upper
112 100
64 78.7 63.0 94.4
63 41.3 32.6 49.0

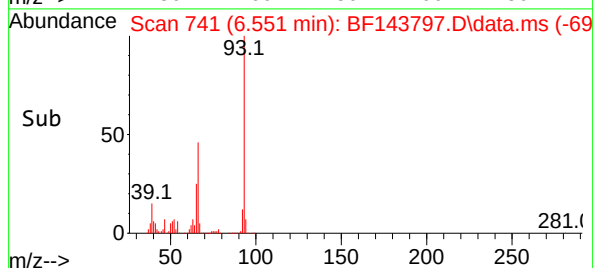
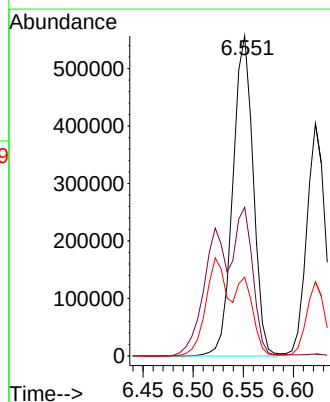
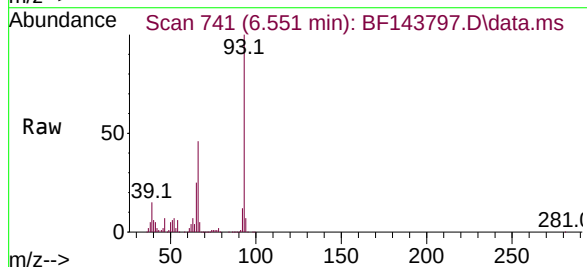
Manual Integrations
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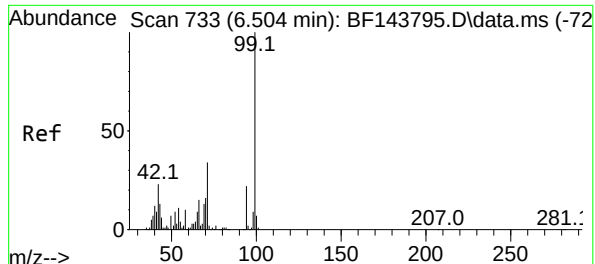
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 57.487 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

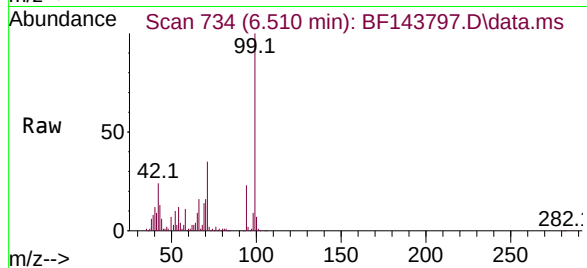
Tgt Ion: 93 Resp: 785861
Ion Ratio Lower Upper
93 100
66 46.4 37.1 55.7
65 24.6 19.4 29.0





#7
Phenol-d6
Concen: 112.196 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

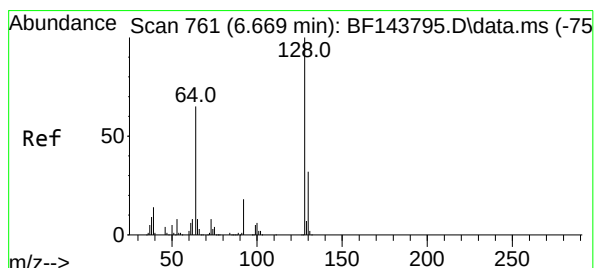
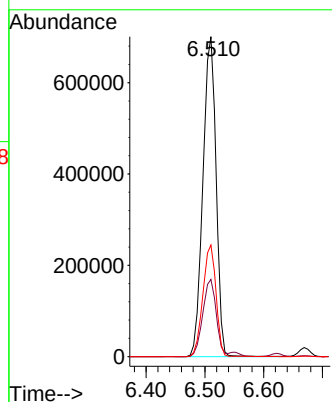
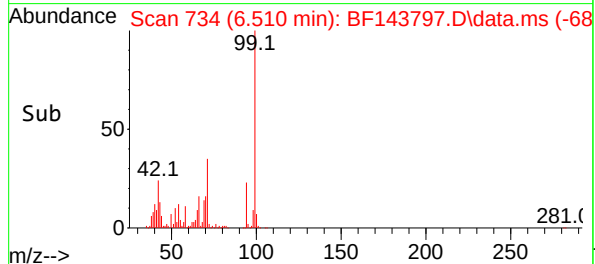
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 99 Resp: 108957
Ion Ratio Lower Upper
99 100
42 24.1 18.6 28.0
71 34.9 27.0 40.4

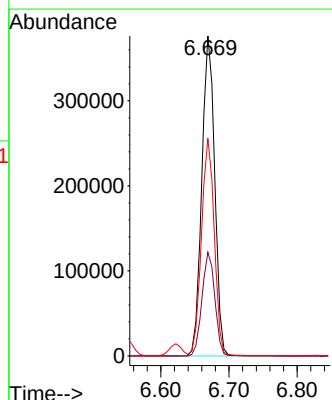
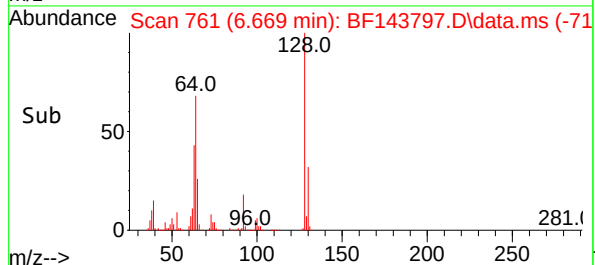
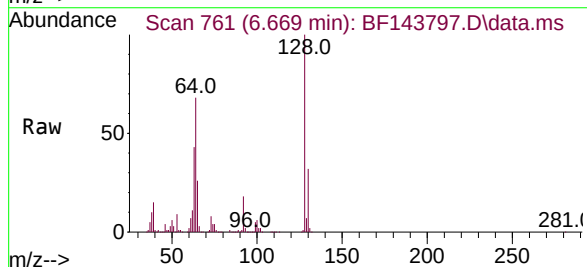
Manual Integrations
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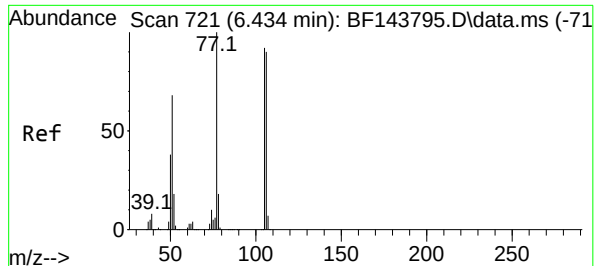
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#8
2-Chlorophenol
Concen: 59.248 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:128 Resp: 494437
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 68.0 46.5 86.5





#9

Benzaldehyde

Concen: 74.093 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143797.D

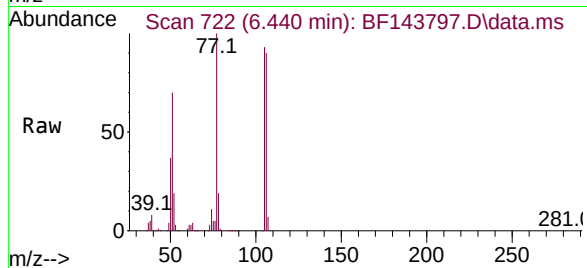
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 77 Resp: 611123

Ion Ratio Lower Upper

77 100

105 93.3 71.8 111.8

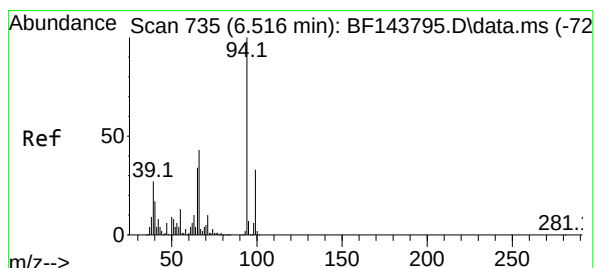
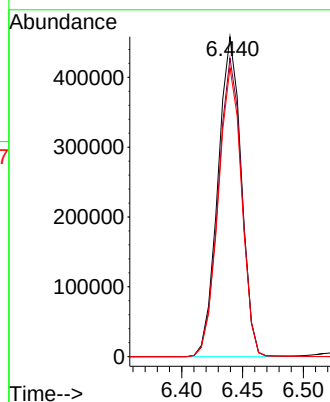
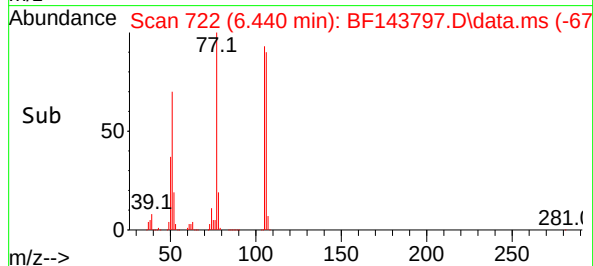
106 90.3 69.8 109.8

Manual Integrations

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#10

Phenol

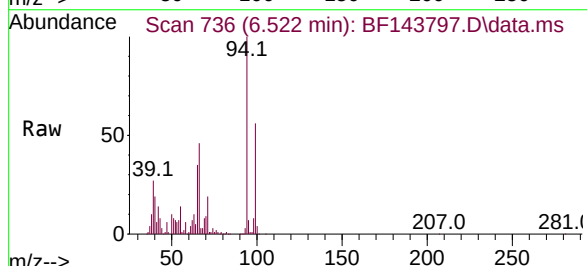
Concen: 58.860 ng m

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58



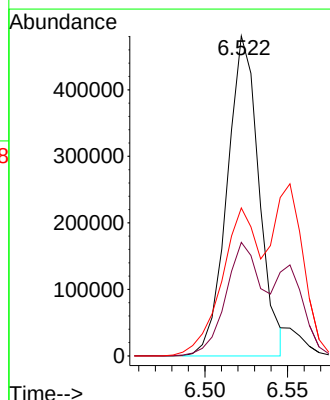
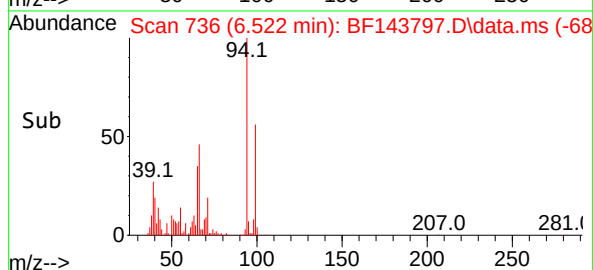
Tgt Ion: 94 Resp: 644396

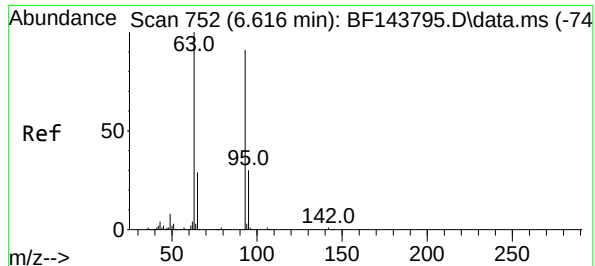
Ion Ratio Lower Upper

94 100

65 35.5 14.2 54.2

66 46.2 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 58.819 ng

RT: 6.622 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 93 Resp: 504773

Ion Ratio Lower Upper

93 100

63 110.4 89.2 129.2

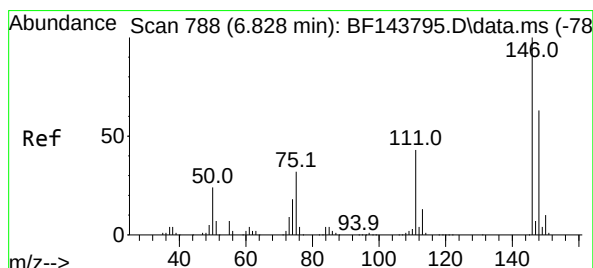
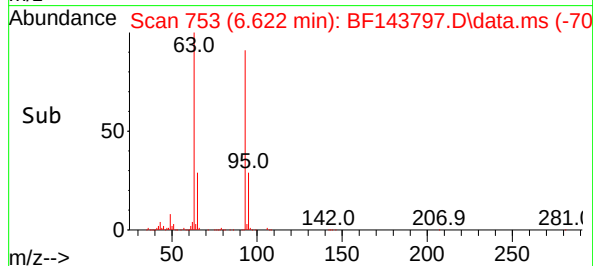
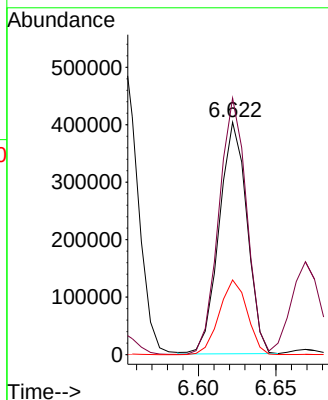
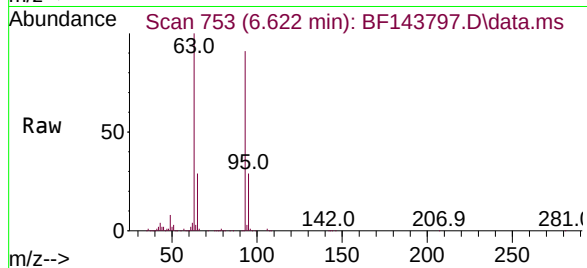
95 32.1 12.9 52.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#12

1,3-Dichlorobenzene

Concen: 56.789 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

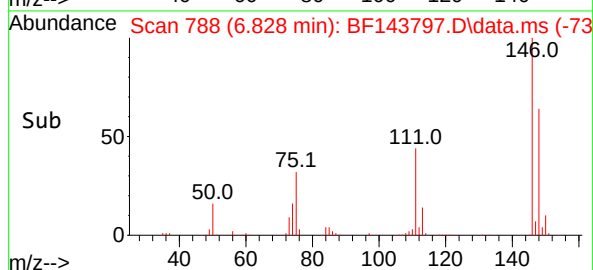
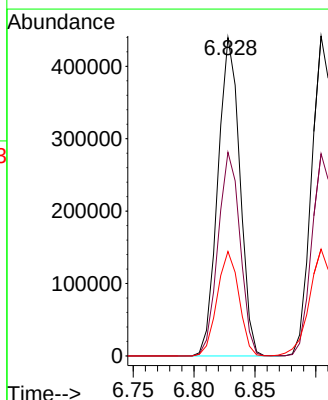
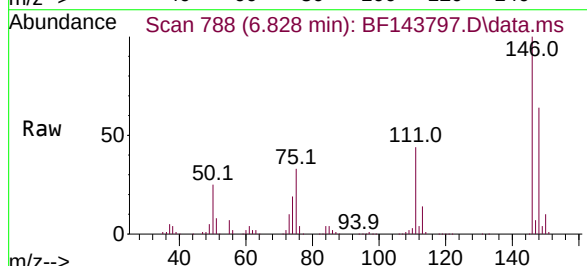
Tgt Ion:146 Resp: 550246

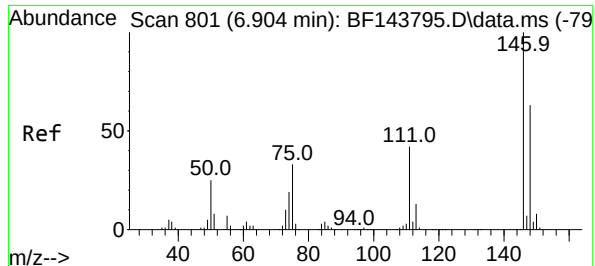
Ion Ratio Lower Upper

146 100

148 64.0 50.4 75.6

75 32.8 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 56.685 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:146 Resp: 54811

Ion Ratio Lower Upper

146 100

148 63.2 50.7 76.1

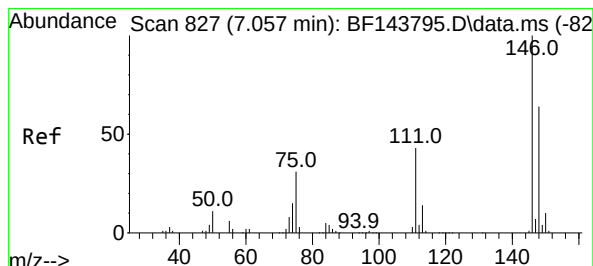
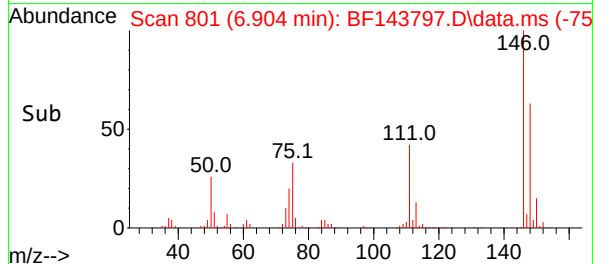
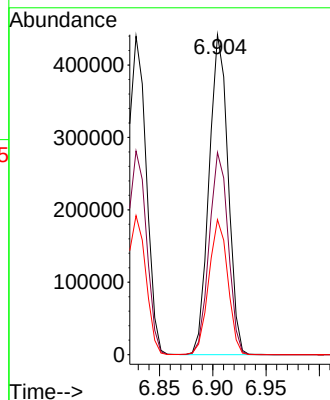
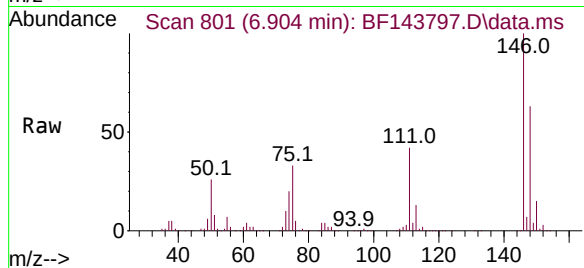
111 42.2 33.4 50.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 56.809 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

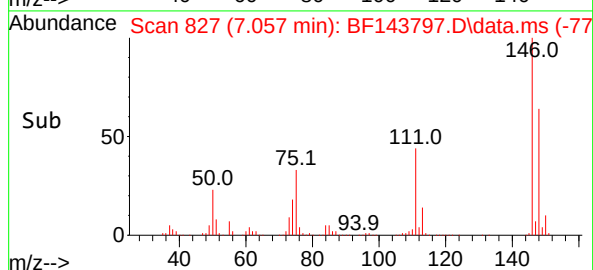
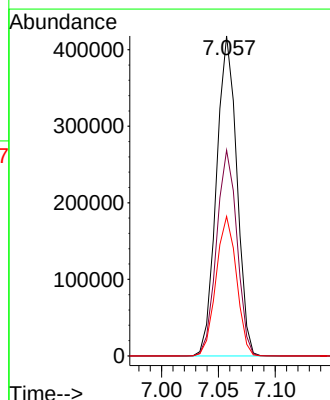
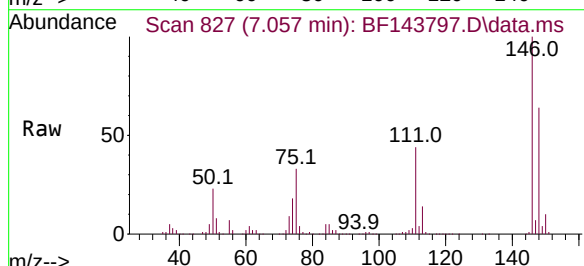
Tgt Ion:146 Resp: 520261

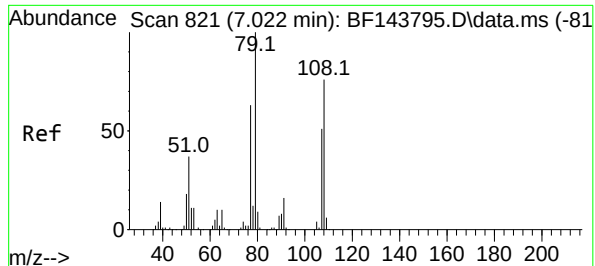
Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

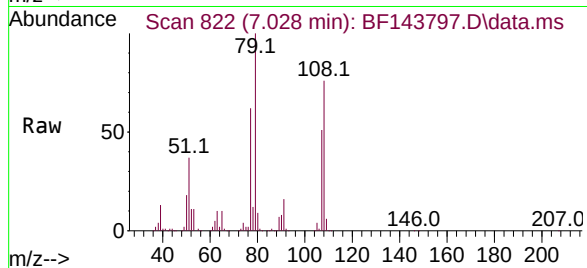
111 43.6 34.3 51.5





#15
Benzyl Alcohol
Concen: 60.843 ng
RT: 7.028 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

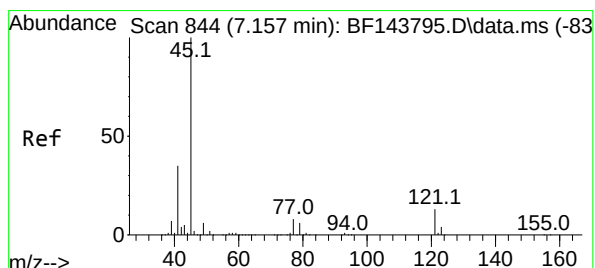
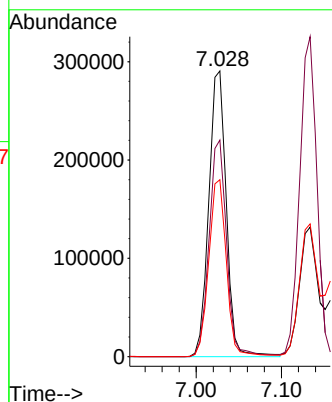
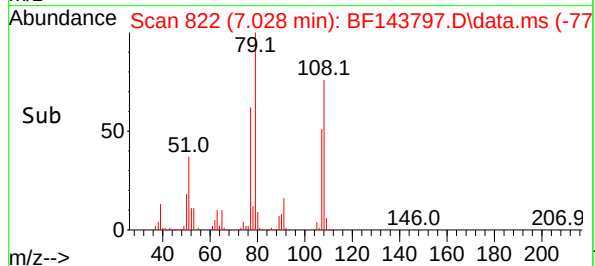
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 79 Resp: 414075
Ion Ratio Lower Upper
79 100
108 75.8 60.5 90.7
77 61.9 50.3 75.5

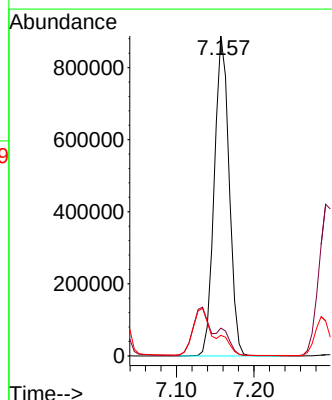
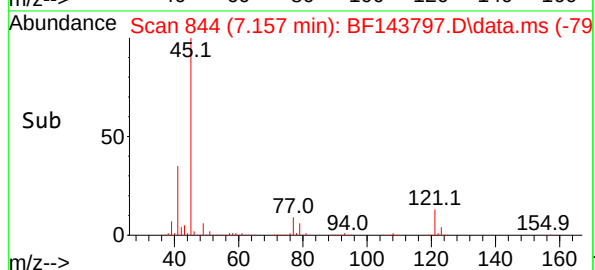
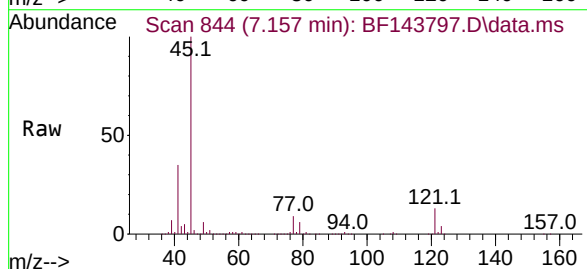
Manual Integrations
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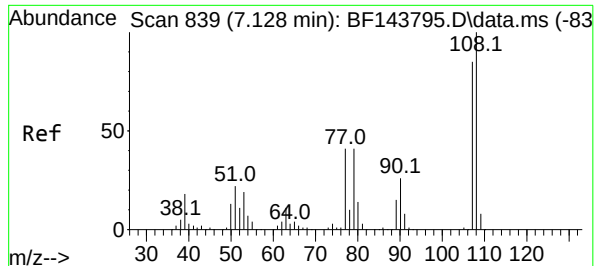
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.906 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

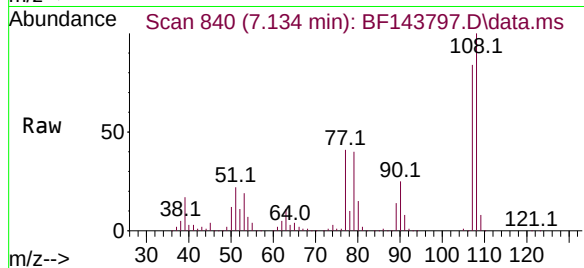
Tgt Ion: 45 Resp: 1178357
Ion Ratio Lower Upper
45 100
77 8.7 0.0 28.5
79 6.4 0.0 26.3





#17
2-Methylphenol
Concen: 58.990 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

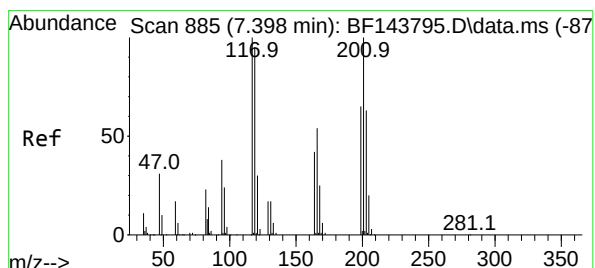
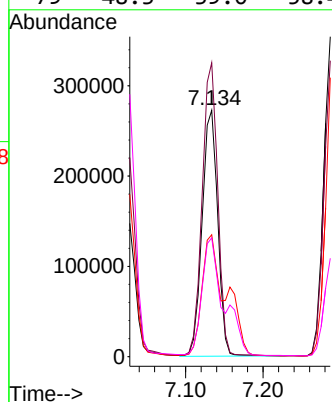
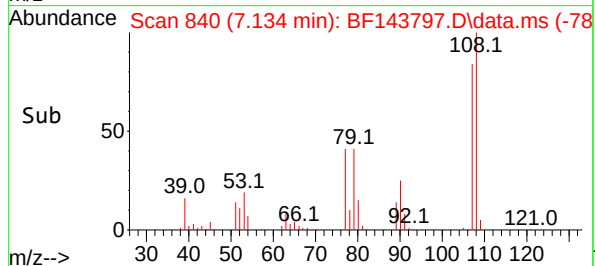
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:107 Resp: 381125
Ion Ratio Lower Upper
107 100
108 119.3 94.2 141.4
77 49.5 38.6 58.0
79 48.3 39.0 58.4

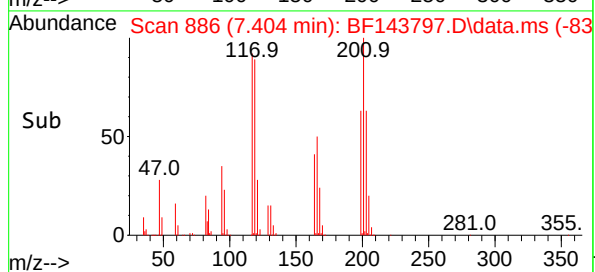
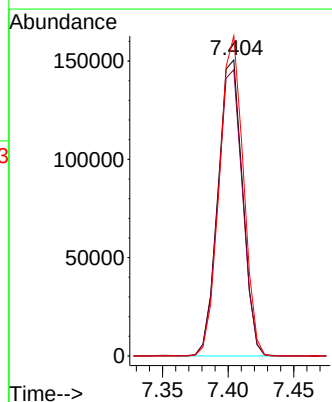
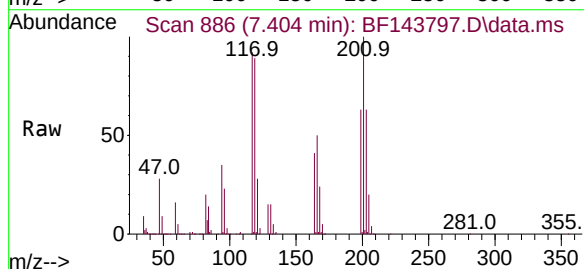
Manual Integrations
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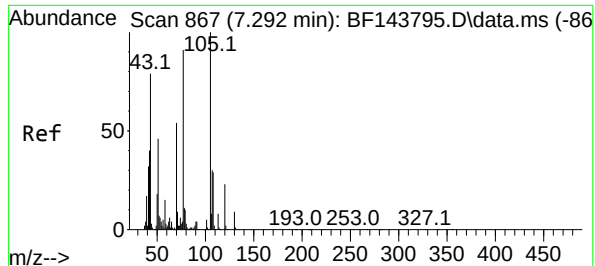
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#18
Hexachloroethane
Concen: 57.629 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:117 Resp: 195969
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2
201 108.2 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 57.020 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 345358

Ion Ratio Lower Upper

70 100

42 74.0 59.4 89.0

101 8.6 7.1 10.7

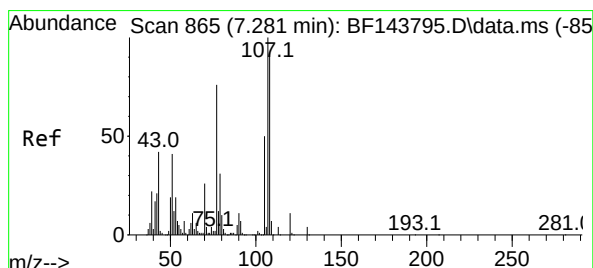
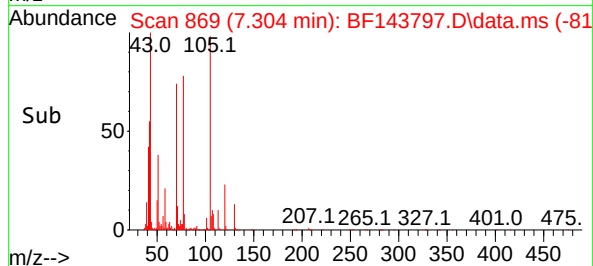
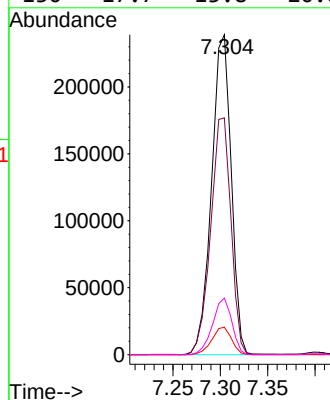
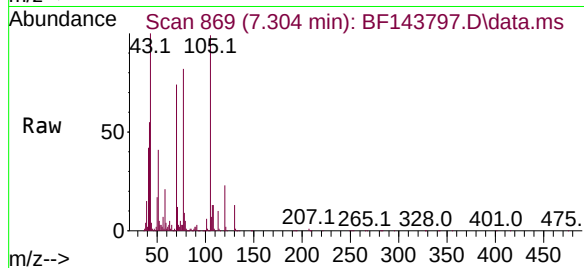
130 17.7 13.8 20.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 57.806 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Tgt Ion:107 Resp: 454811

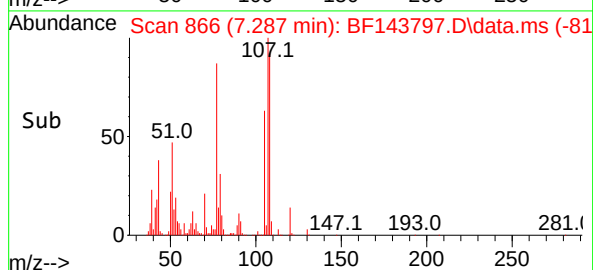
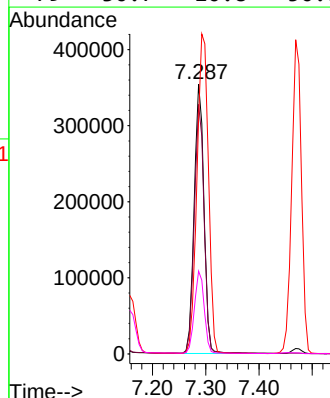
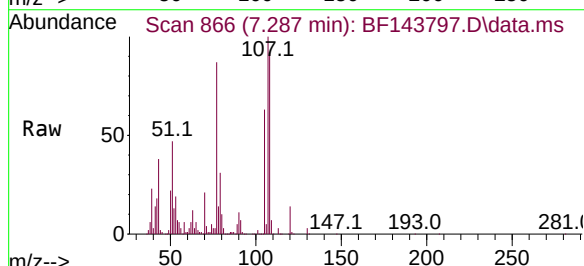
Ion Ratio Lower Upper

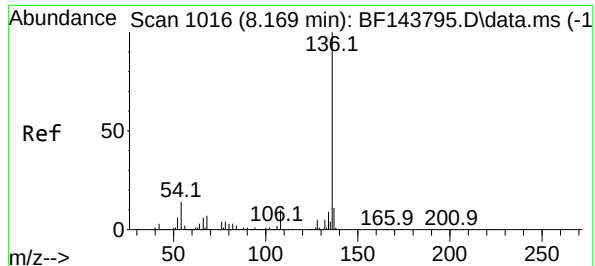
107 100

108 92.5 72.5 112.5

77 87.2 56.2 96.2

79 30.7 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 482940

Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 14.4 11.2 16.8

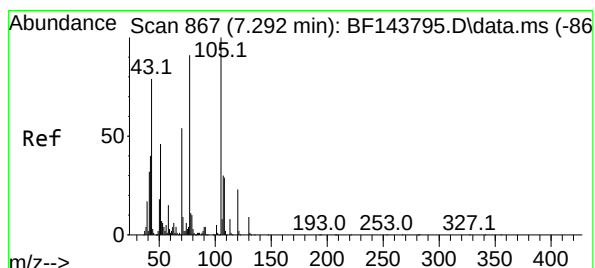
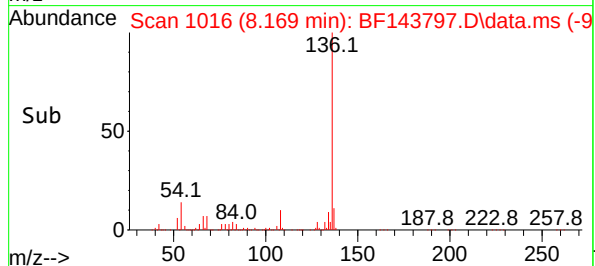
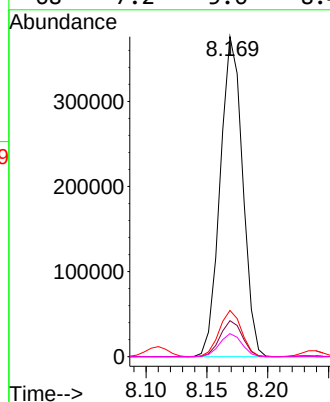
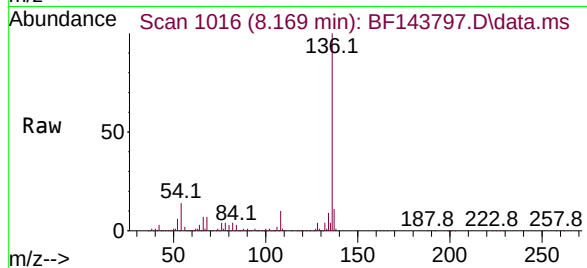
68 7.2 5.6 8.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#22

Acetophenone

Concen: 55.128 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Tgt Ion:105 Resp: 584748

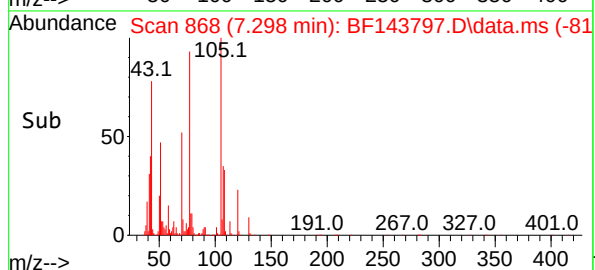
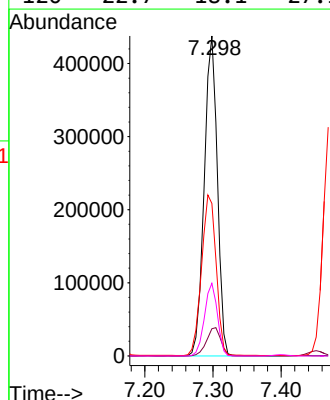
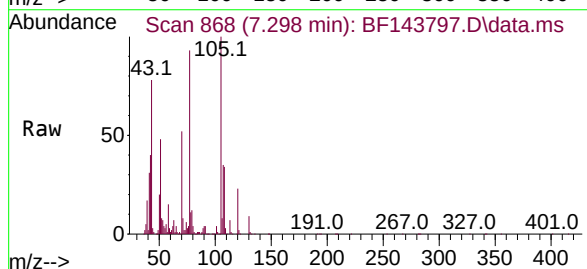
Ion Ratio Lower Upper

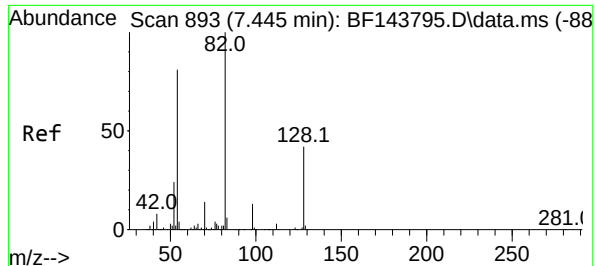
105 100

71 8.5 7.0 10.4

51 47.6 36.6 55.0

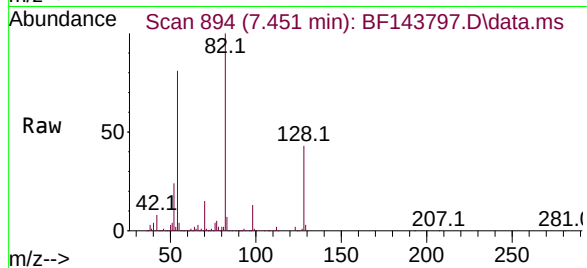
120 22.7 18.1 27.1





#23
Nitrobenzene-d5
Concen: 124.628 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

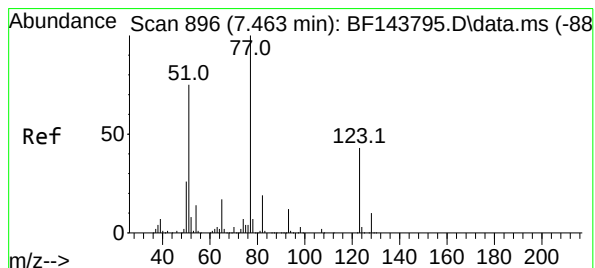
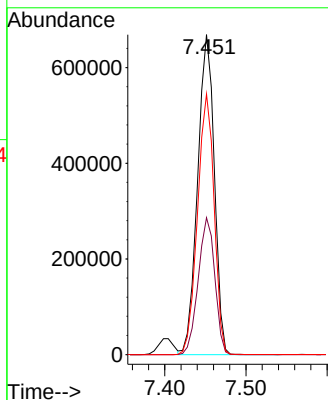
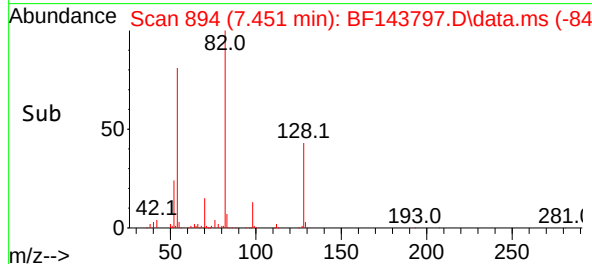
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 82 Resp: 956391
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 81.4 64.2 96.4

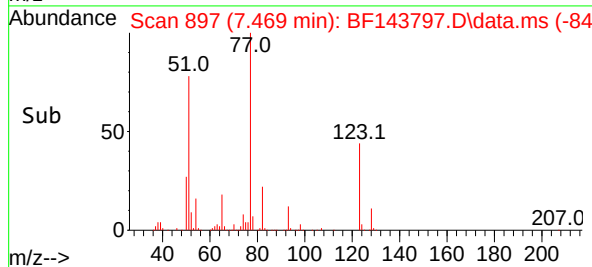
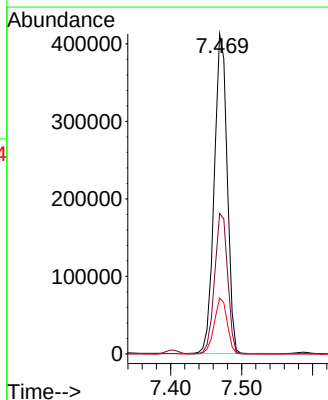
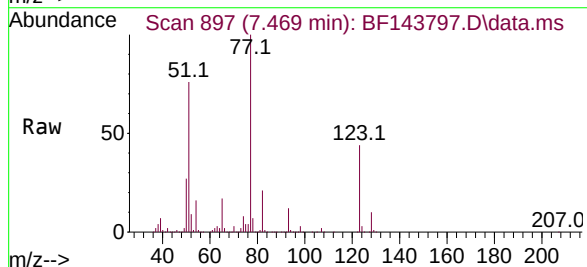
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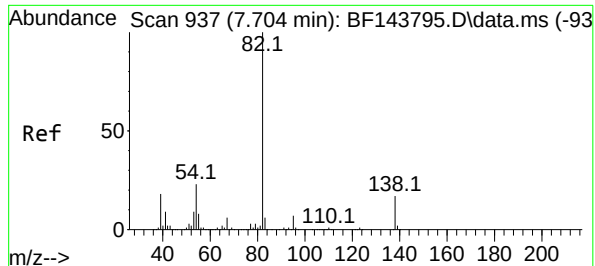
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#24
Nitrobenzene
Concen: 59.844 ng
RT: 7.469 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 77 Resp: 523344
Ion Ratio Lower Upper
77 100
123 43.9 34.0 51.0
65 17.4 13.5 20.3





#25

Isophorone

Concen: 59.707 ng

RT: 7.710 min Scan# 938

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

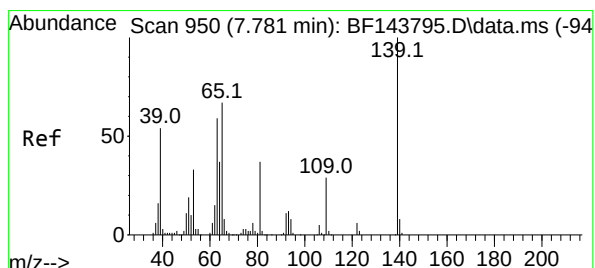
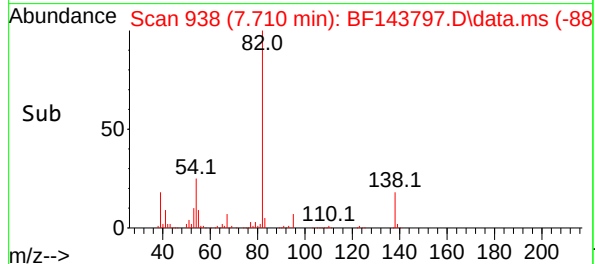
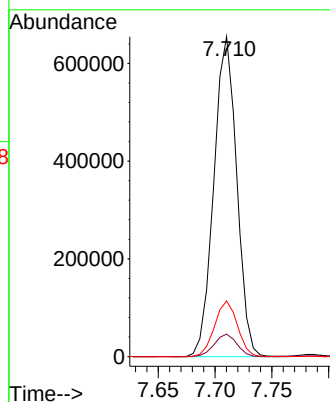
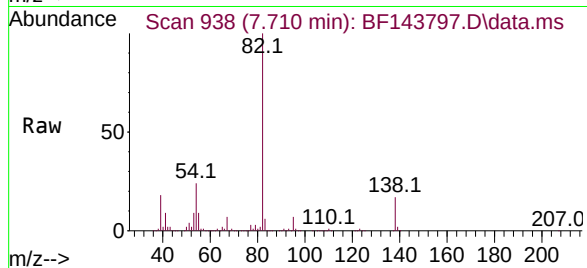
SSTDICC060

Tgt Ion: 82 Resp: 917958
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.4 13.7 20.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#26

2-Nitrophenol

Concen: 62.050 ng

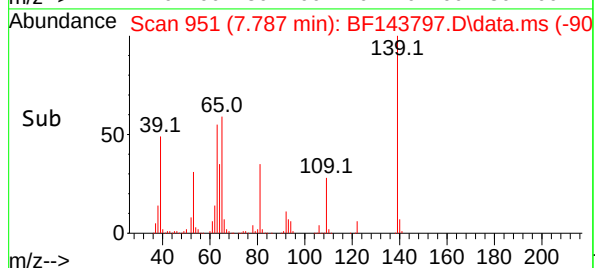
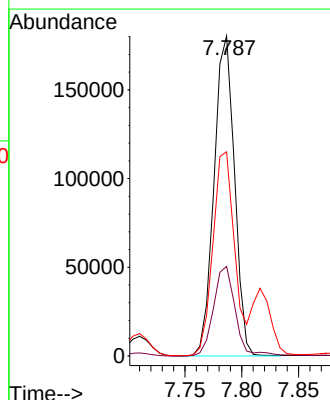
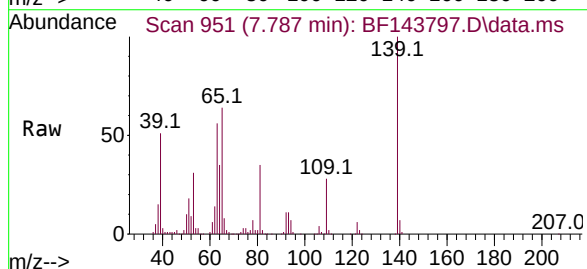
RT: 7.787 min Scan# 951

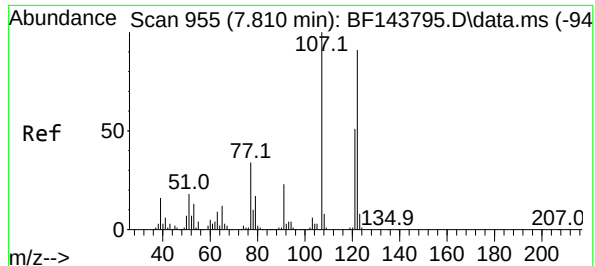
Delta R.T. 0.001 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

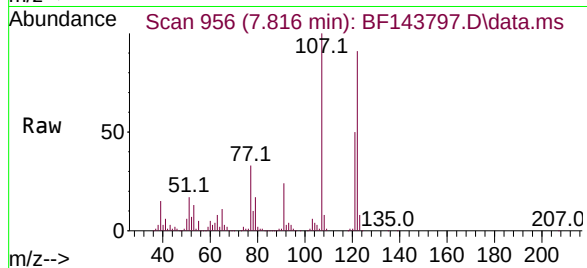
Tgt Ion:139 Resp: 225802
Ion Ratio Lower Upper
139 100
109 28.0 23.3 34.9
65 63.8 53.8 80.6





#27
2,4-Dimethylphenol
Concen: 60.209 ng
RT: 7.816 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

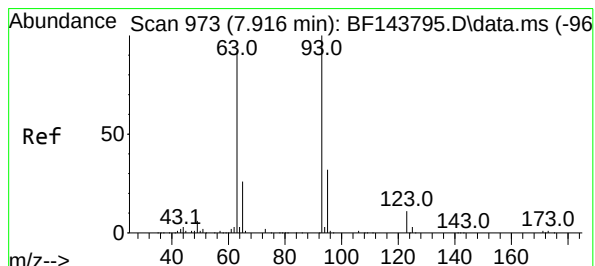
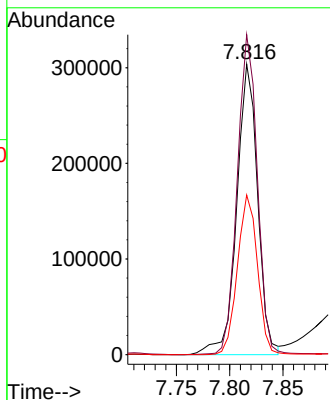
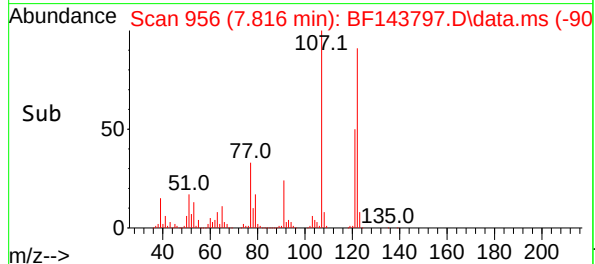
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



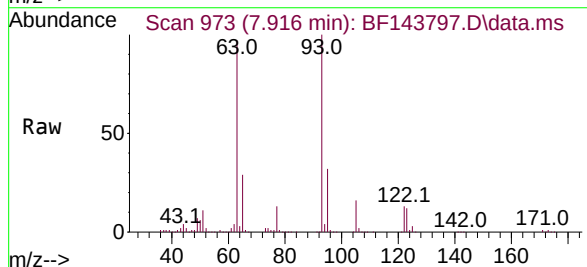
Tgt Ion:122 Resp: 413744
Ion Ratio Lower Upper
122 100
107 110.2 87.5 131.3
121 55.0 44.2 66.4

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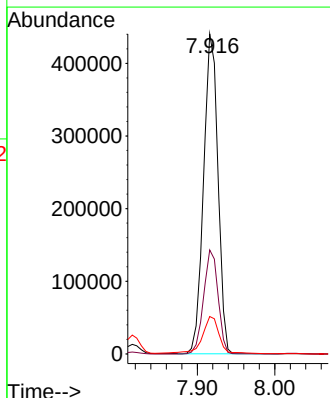
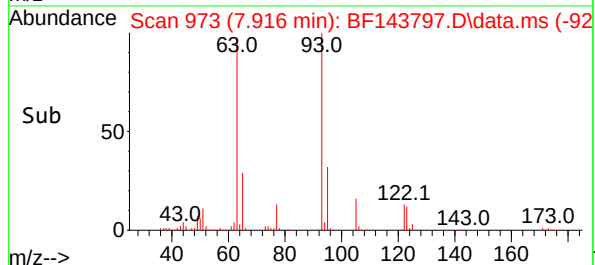
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

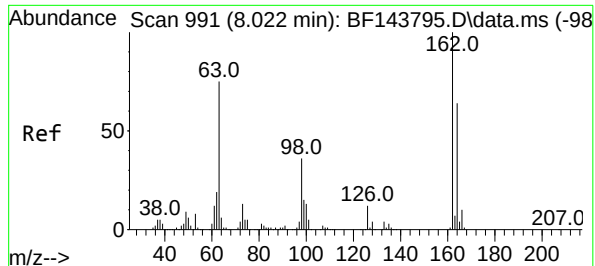


#28
bis(2-Chloroethoxy)methane
Concen: 56.813 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



Tgt Ion: 93 Resp: 567489
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.7 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 59.550 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:162 Resp: 402655

Ion Ratio Lower Upper

162 100

164 64.4 44.1 84.1

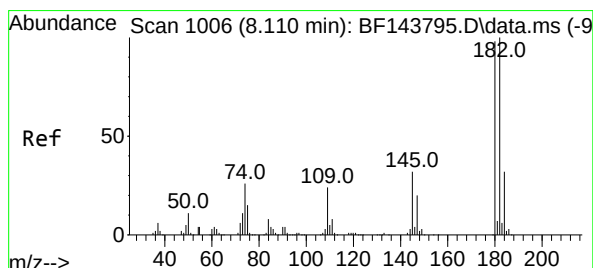
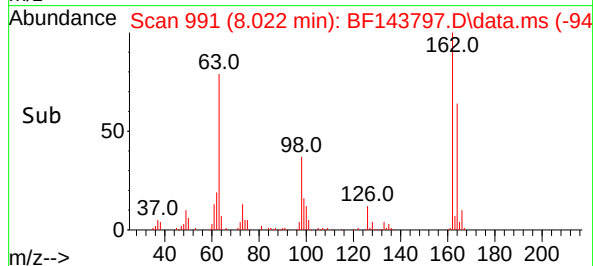
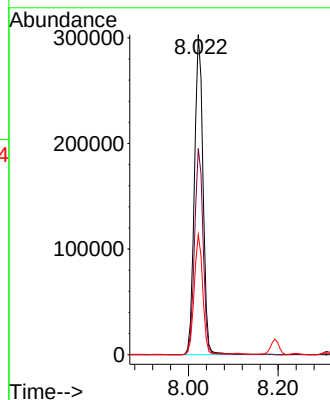
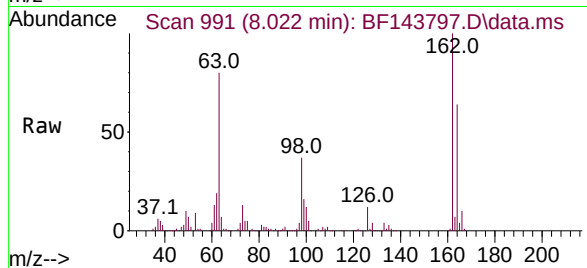
98 37.4 15.8 55.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 57.579 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

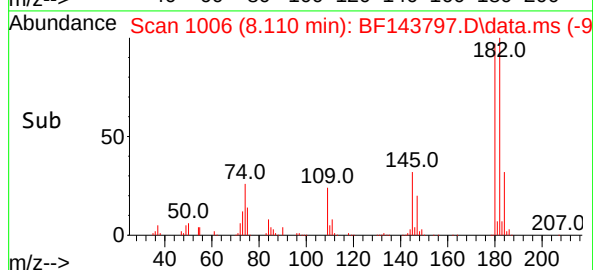
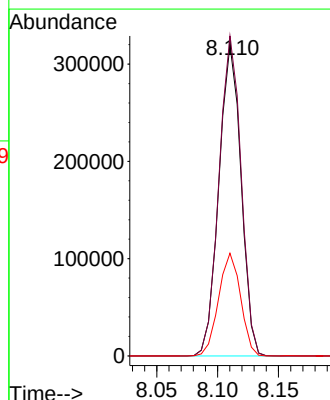
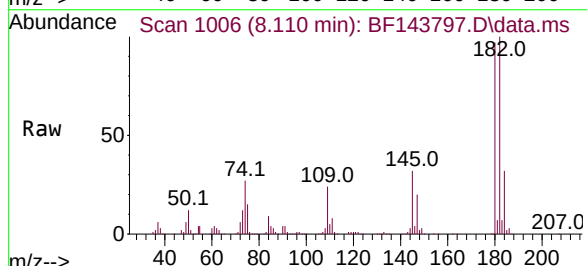
Tgt Ion:180 Resp: 404040

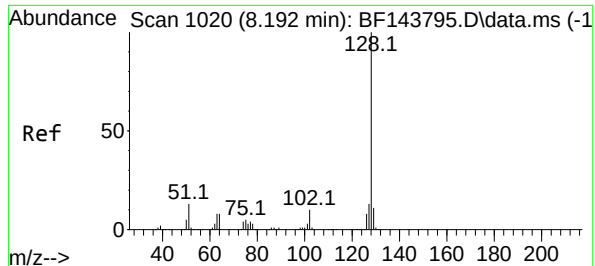
Ion Ratio Lower Upper

180 100

182 102.7 82.0 123.0

145 33.0 25.9 38.9





#31

Naphthalene

Concen: 55.678 ng

RT: 8.192 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:128 Resp: 1287223

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

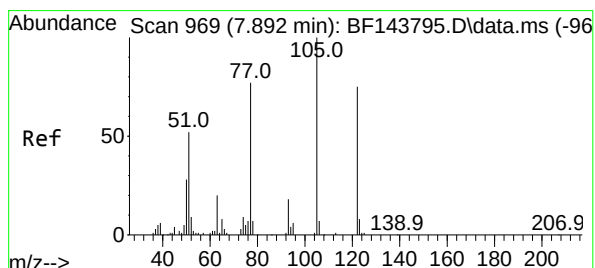
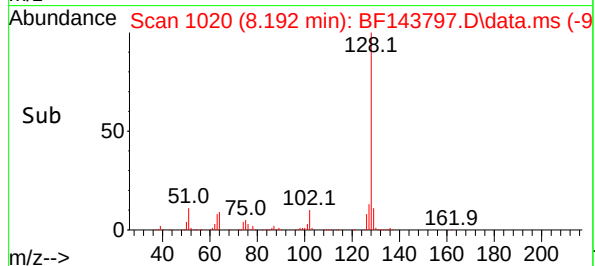
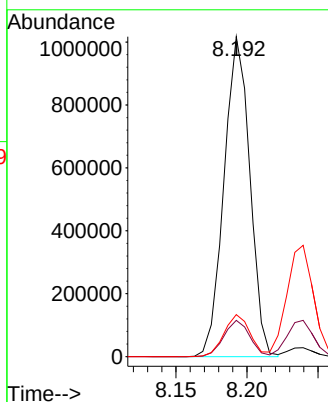
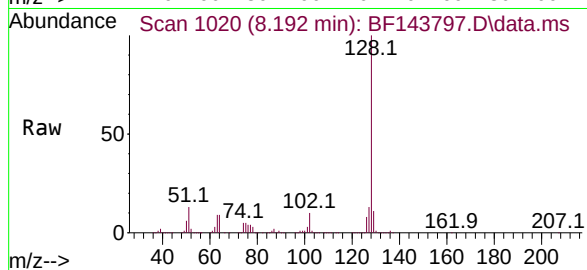
127 13.1 10.2 15.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#32

Benzoic acid

Concen: 69.608 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

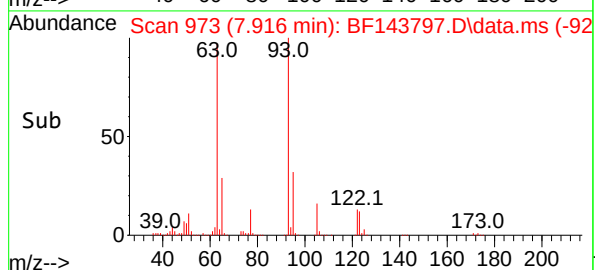
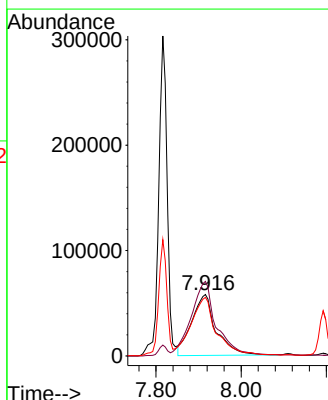
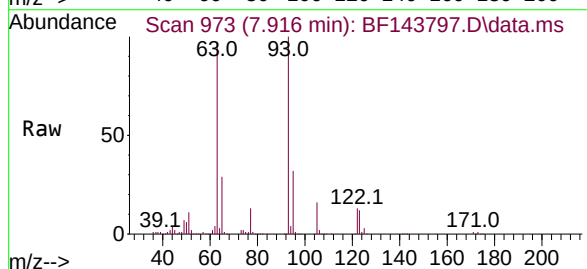
Tgt Ion:122 Resp: 230784

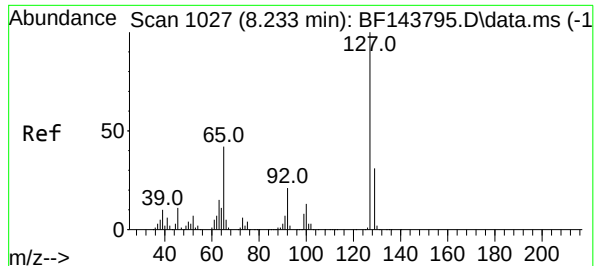
Ion Ratio Lower Upper

122 100

105 121.3 103.7 143.7

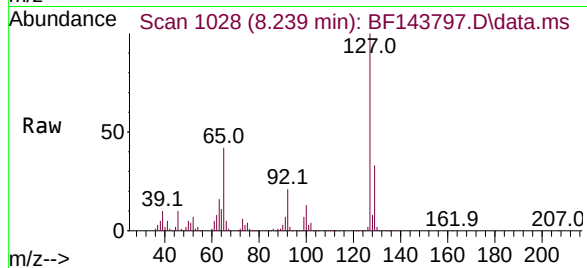
77 95.3 78.8 118.8





#33
4-Chloroaniline
Concen: 57.512 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

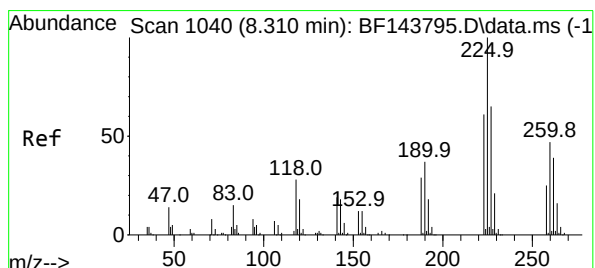
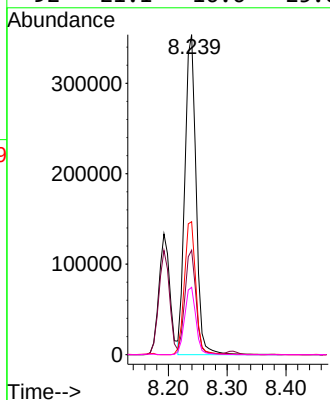
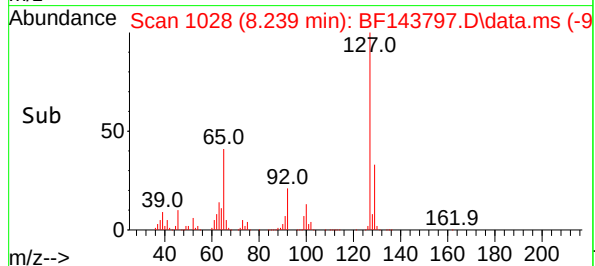
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:127 Resp: 467252
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.2
65 41.5 33.4 50.2
92 21.1 16.6 25.0

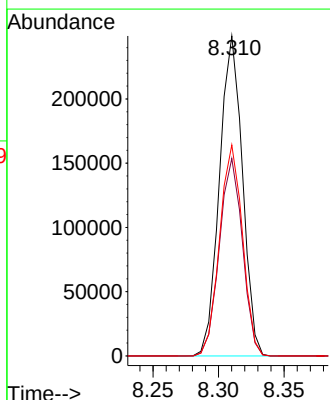
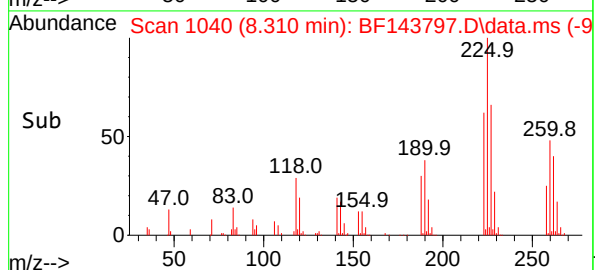
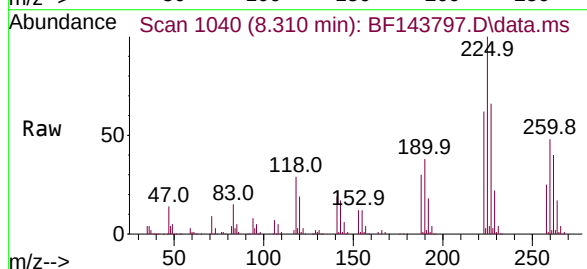
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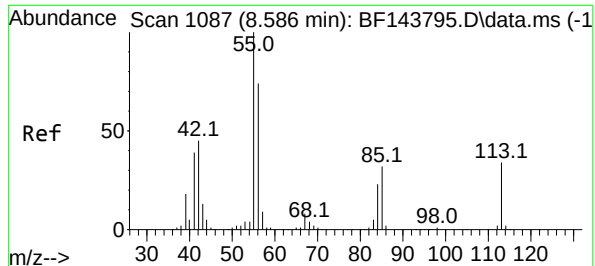
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#34
Hexachlorobutadiene
Concen: 58.093 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

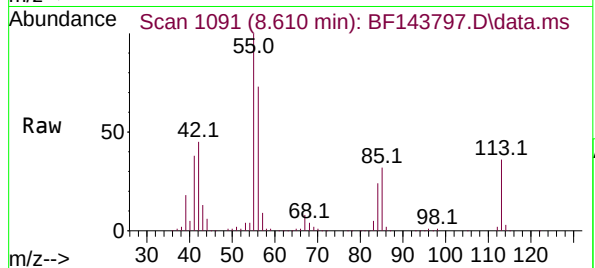
Tgt Ion:225 Resp: 303886
Ion Ratio Lower Upper
225 100
223 61.7 48.6 72.8
227 65.9 51.9 77.9





#35
Caprolactam
Concen: 63.887 ng
RT: 8.610 min Scan# 1091
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

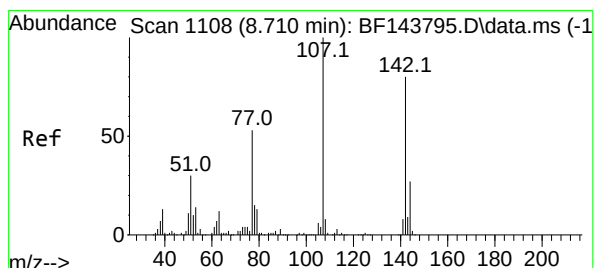
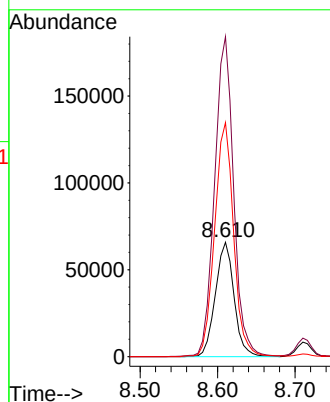
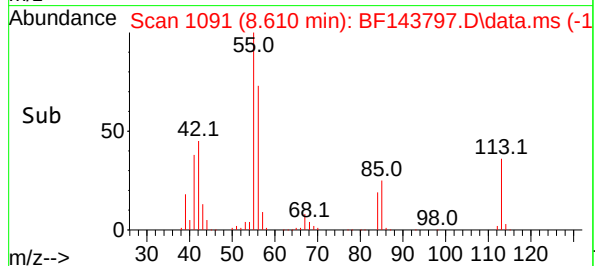
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:113 Resp: 110413
Ion Ratio Lower Upper
113 100
55 279.9 271.7 311.7
56 204.7 194.5 234.5

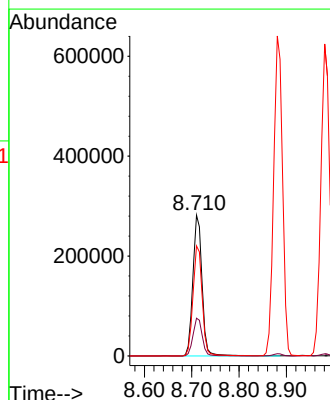
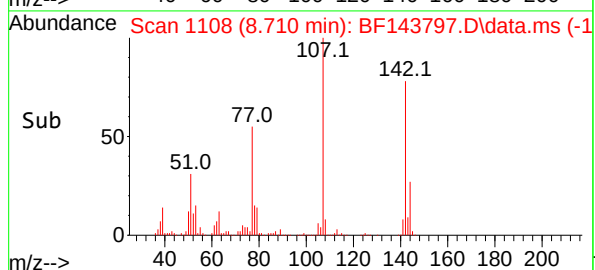
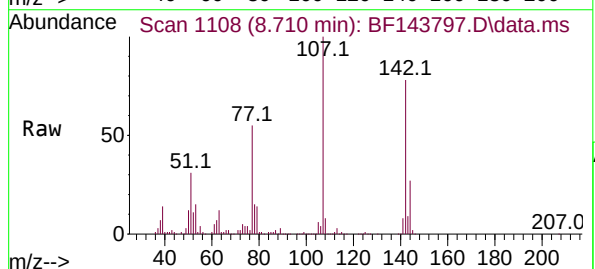
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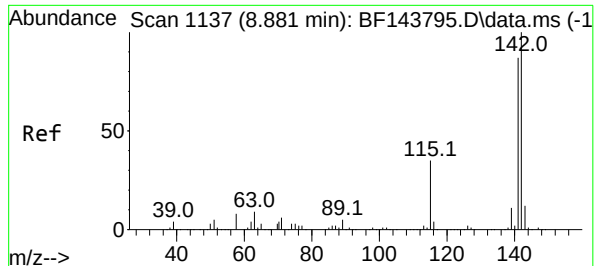
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#36
4-Chloro-3-methylphenol
Concen: 59.859 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:107 Resp: 379597
Ion Ratio Lower Upper
107 100
144 26.7 21.8 32.8
142 78.1 63.6 95.4





#37

2-Methylnaphthalene

Concen: 56.174 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:142 Resp: 828108

Ion Ratio Lower Upper

142 100

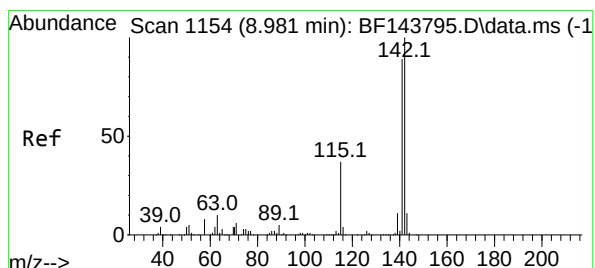
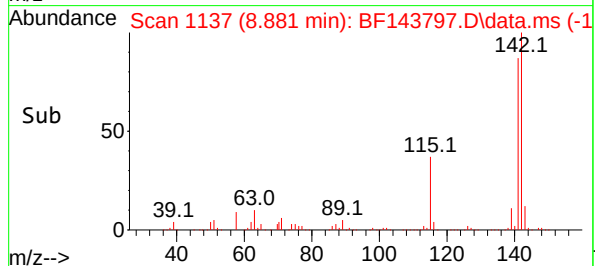
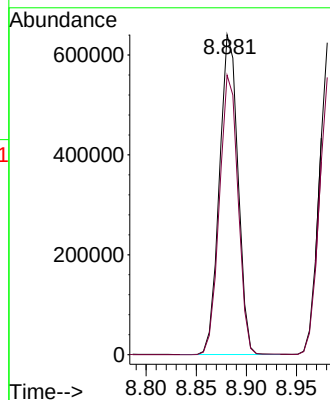
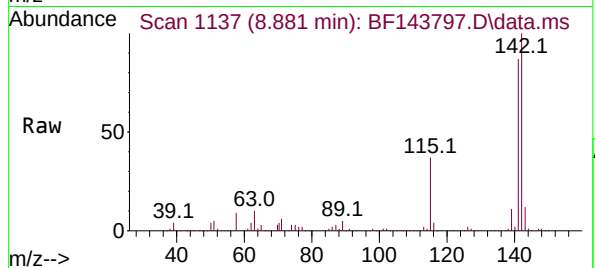
141 87.3 69.4 104.0

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#38

1-Methylnaphthalene

Concen: 56.428 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143797.D

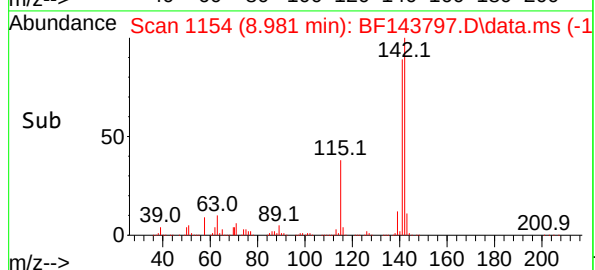
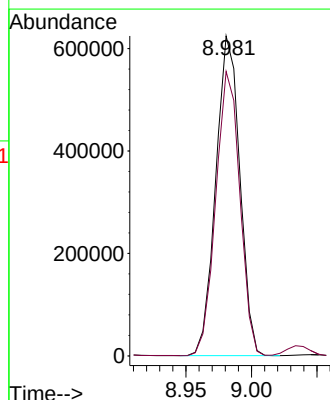
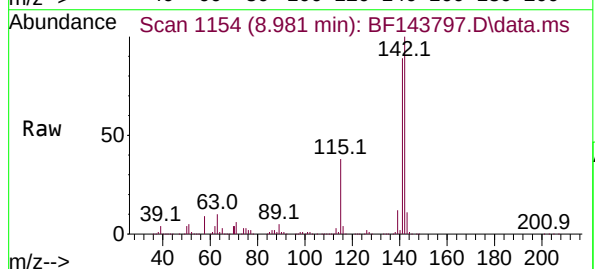
Acq: 23 Sep 2025 14:58

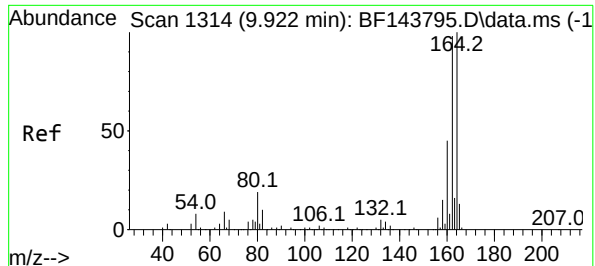
Tgt Ion:142 Resp: 796215

Ion Ratio Lower Upper

142 100

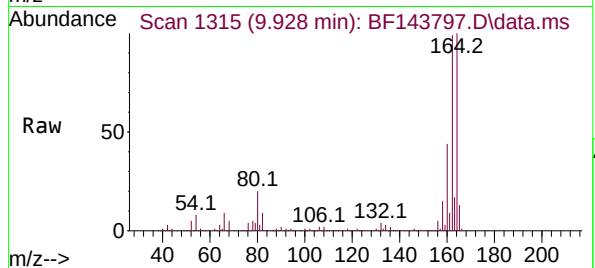
141 88.9 71.1 106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

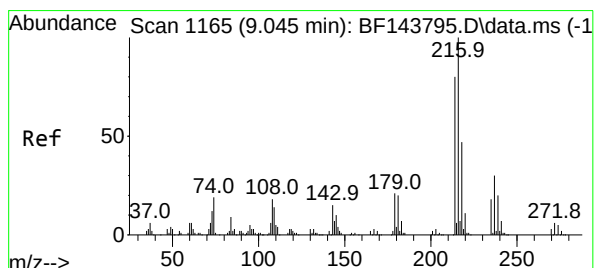
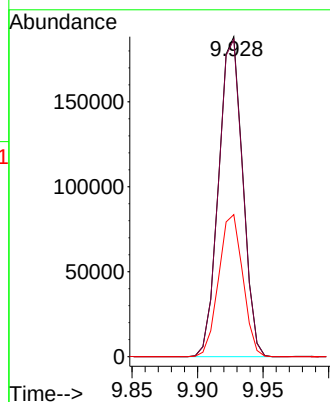
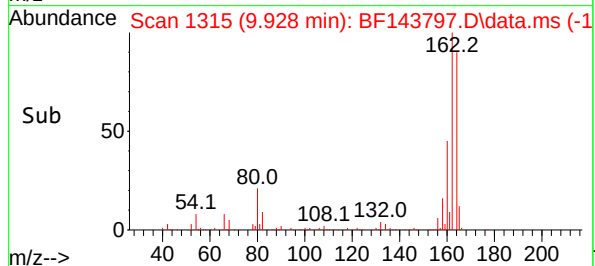
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:164 Resp: 240564
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 44.4 35.8 53.6

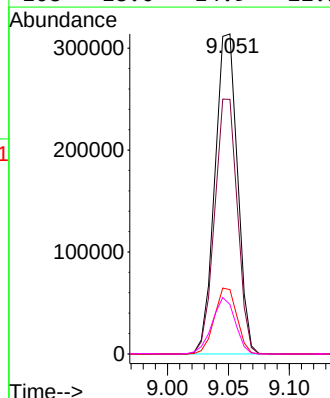
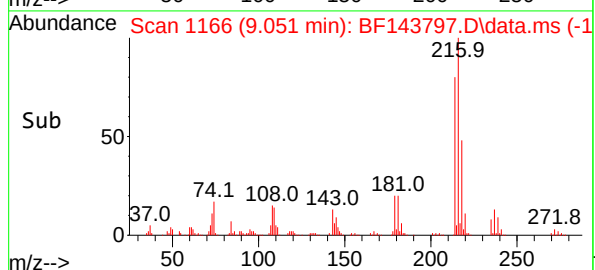
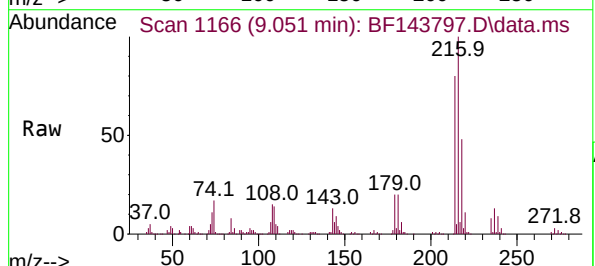
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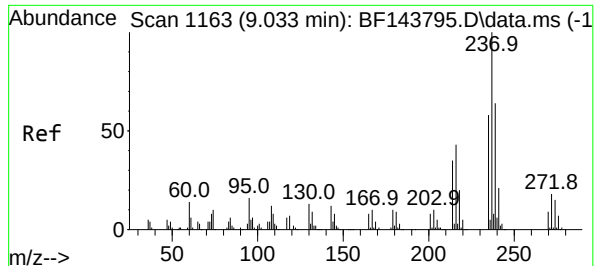
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.860 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

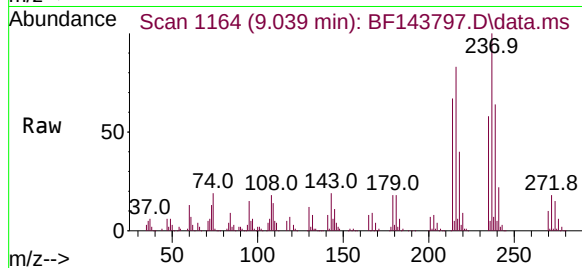
Tgt Ion:216 Resp: 405534
Ion Ratio Lower Upper
216 100
214 80.0 63.7 95.5
179 20.4 16.5 24.7
108 18.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 62.918 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

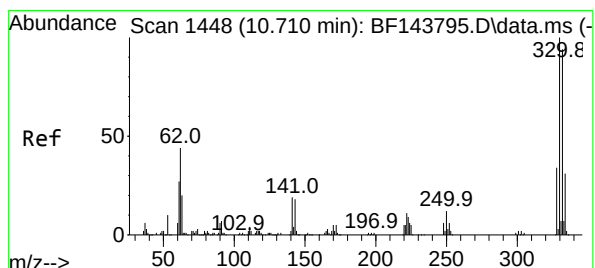
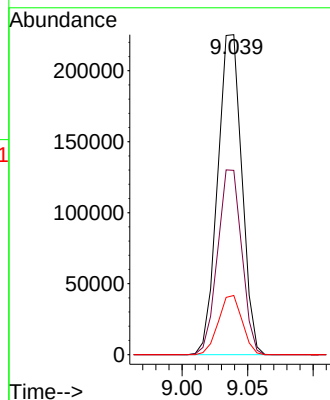
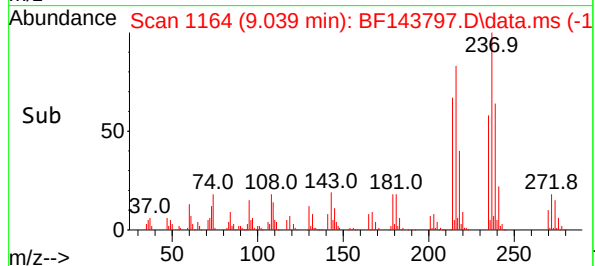
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion: 237 Resp: 289489
Ion Ratio Lower Upper
237 100
235 57.6 38.1 78.1
272 18.5 0.0 37.9

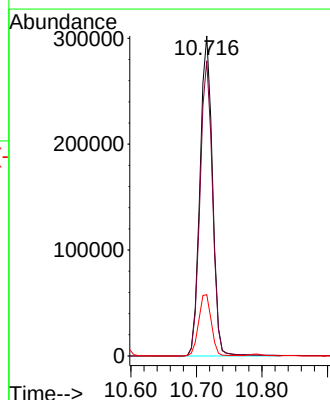
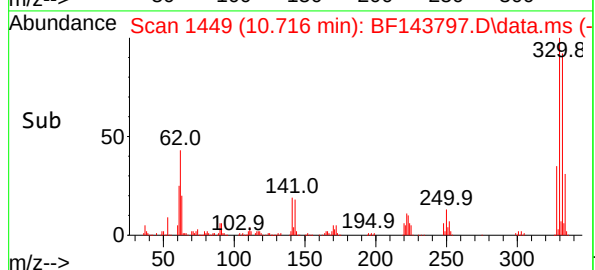
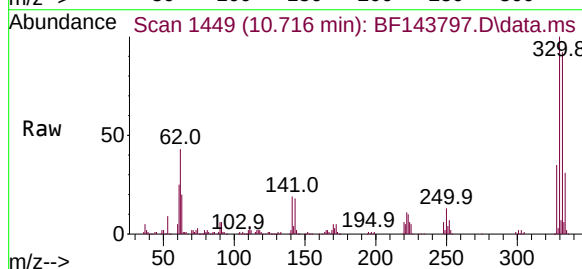
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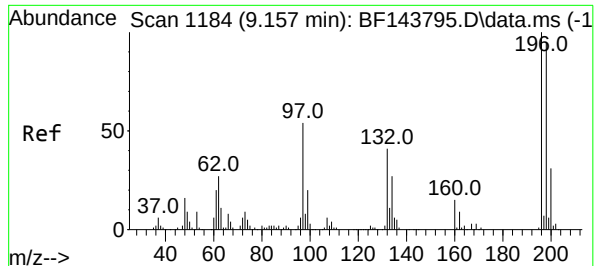
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#42
2,4,6-Tribromophenol
Concen: 115.480 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion: 330 Resp: 396463
Ion Ratio Lower Upper
330 100
332 92.7 74.7 112.1
141 19.5 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 62.219 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:196 Resp: 282839

Ion Ratio Lower Upper

196 100

198 94.3 76.2 114.2

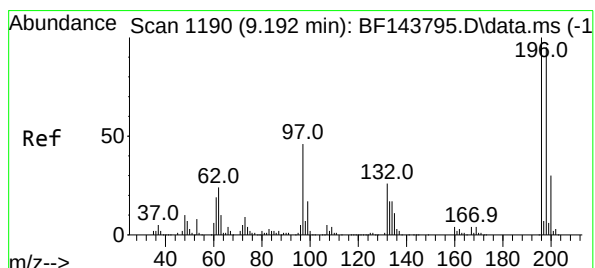
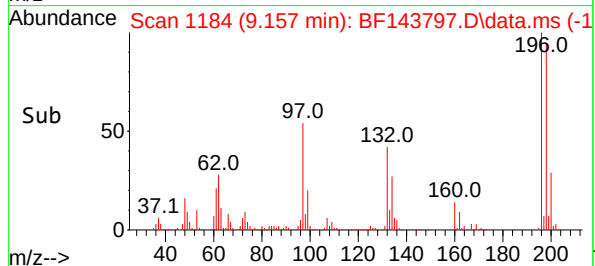
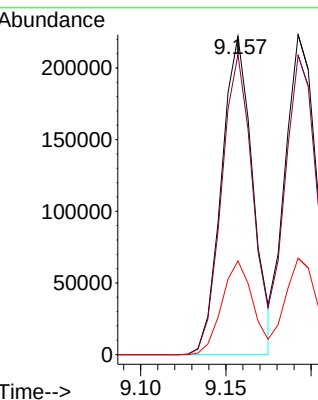
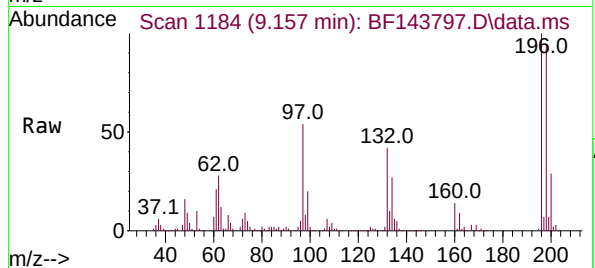
200 29.4 24.7 37.1

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

Concen: 60.982 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Tgt Ion:196 Resp: 289963

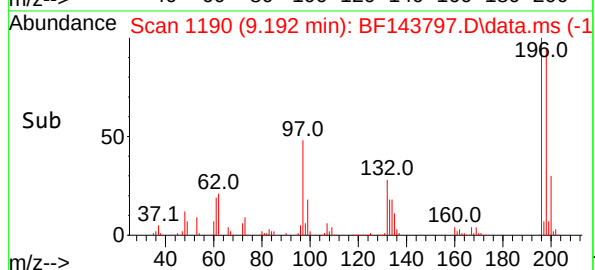
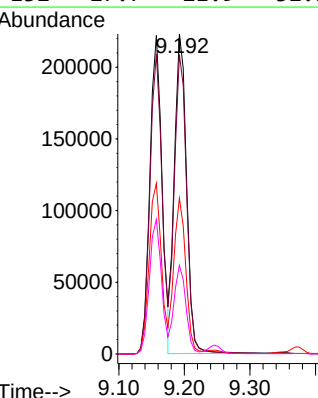
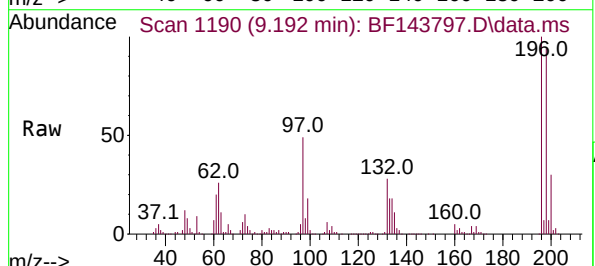
Ion Ratio Lower Upper

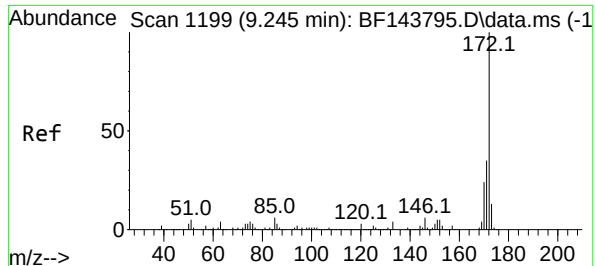
196 100

198 93.6 75.9 113.9

97 48.6 38.3 57.5

132 27.7 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 102.249 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143797.D

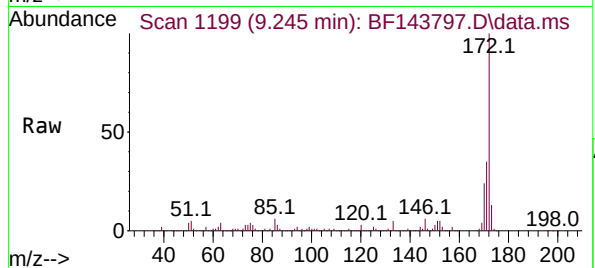
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:172 Resp: 1664507

Ion Ratio Lower Upper

172 100

171 34.9 27.9 41.9

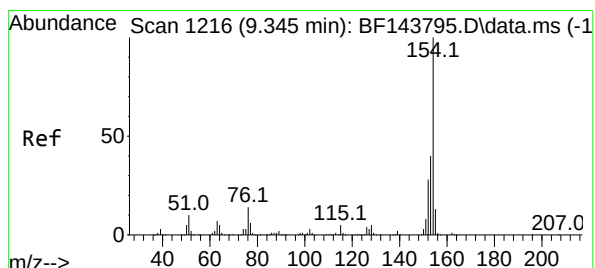
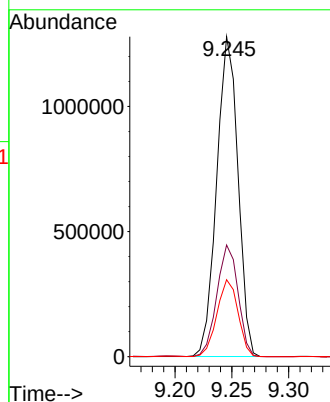
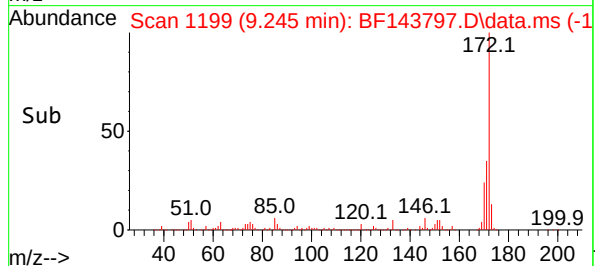
170 24.0 19.1 28.7

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

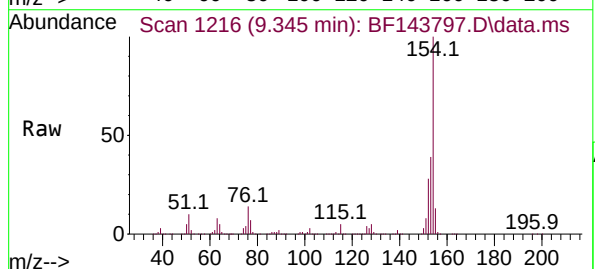
Concen: 54.963 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58



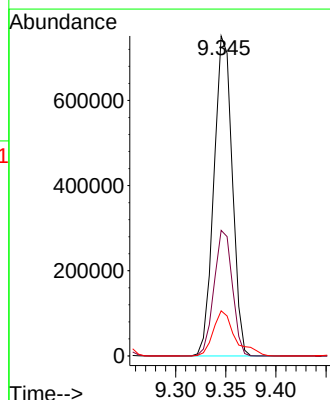
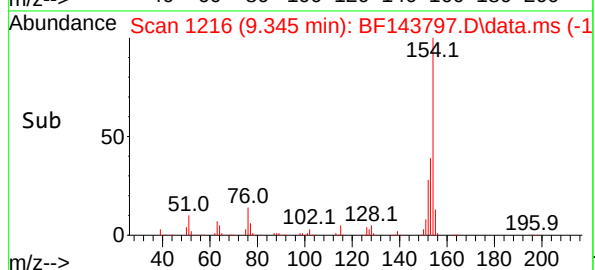
Tgt Ion:154 Resp: 957109

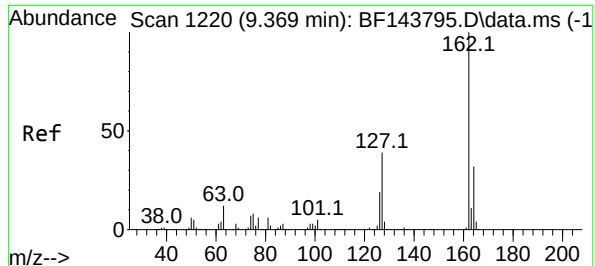
Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

76 14.1 0.0 33.8





#47

2-Chloronaphthalene

Concen: 55.605 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143797.D

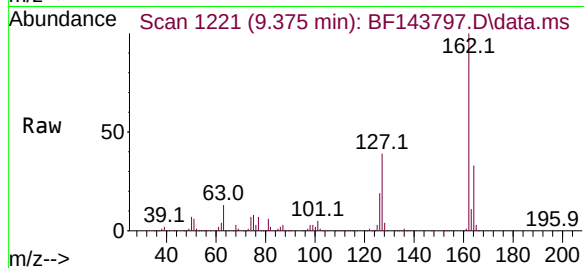
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:162 Resp: 779426

Ion Ratio Lower Upper

162 100

127 39.0 31.5 47.3

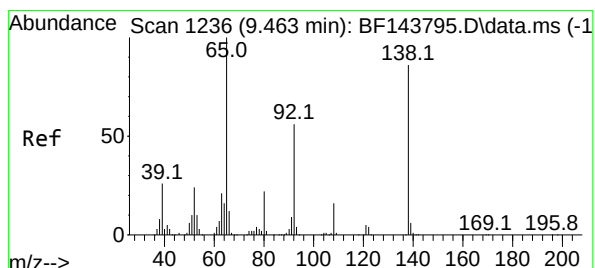
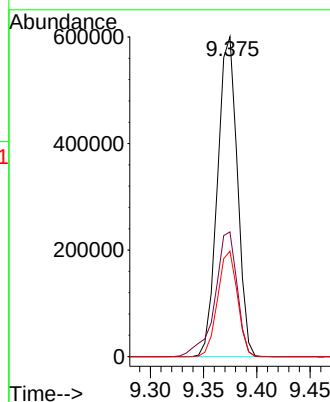
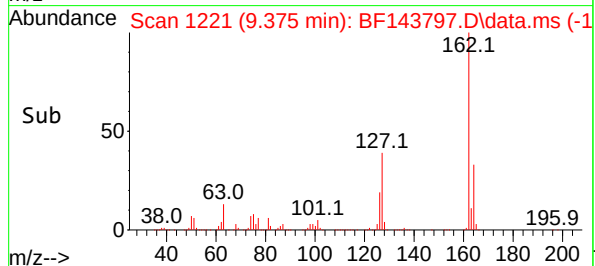
164 32.9 25.9 38.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 68.075 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

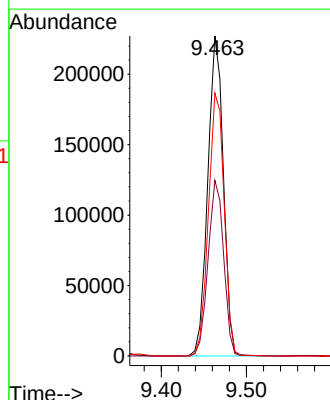
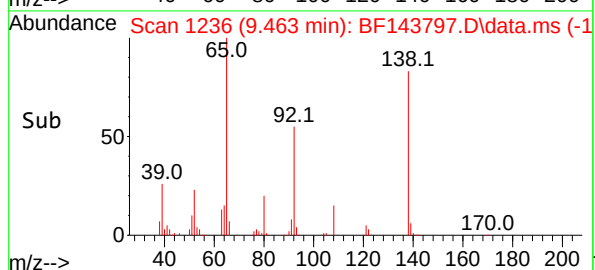
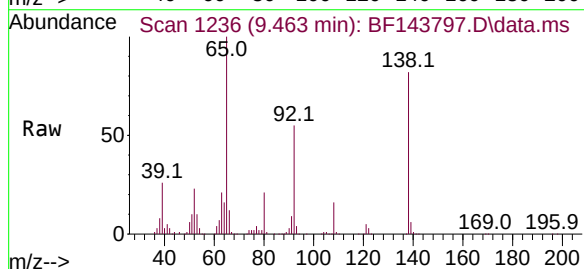
Tgt Ion: 65 Resp: 288403

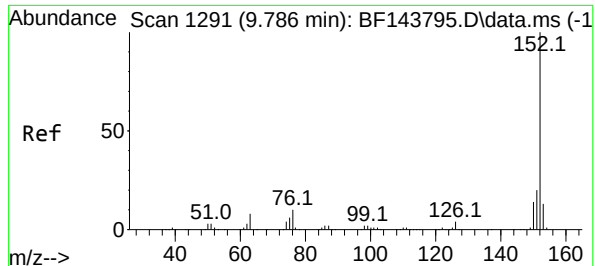
Ion Ratio Lower Upper

65 100

92 54.8 44.9 67.3

138 82.1 69.0 103.4





#49

Acenaphthylene

Concen: 56.581 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143797.D

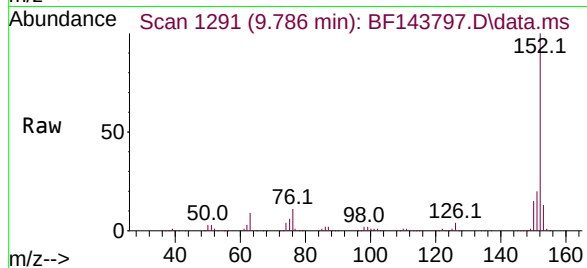
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:152 Resp: 1091835

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

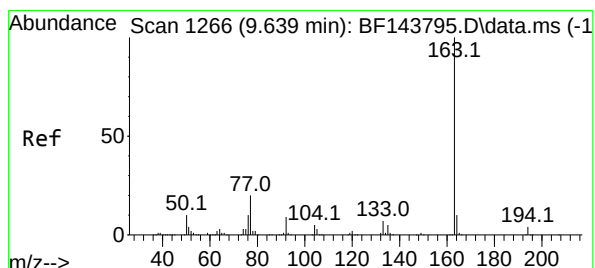
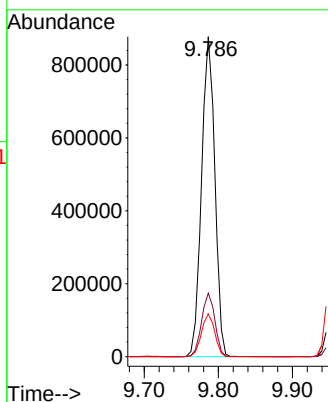
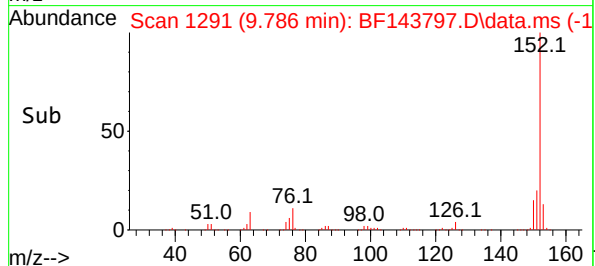
153 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

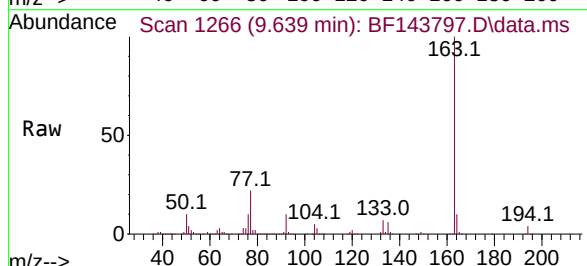
Concen: 58.627 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58



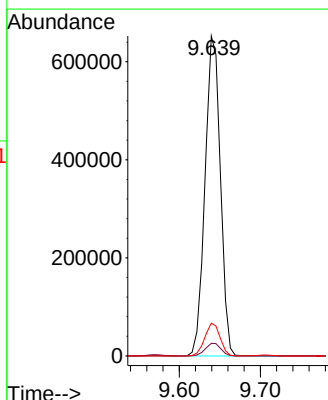
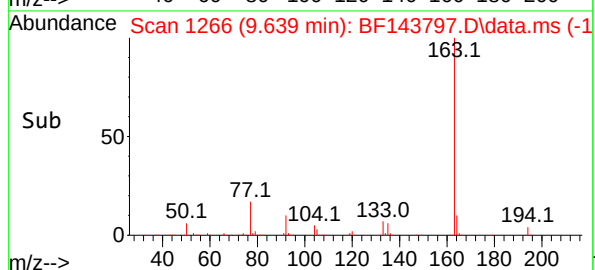
Tgt Ion:163 Resp: 859613

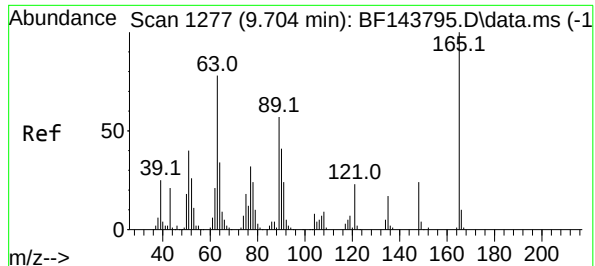
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

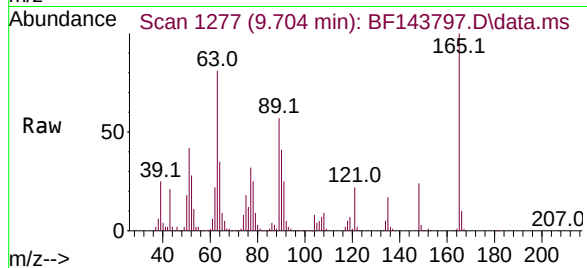
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 69.313 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

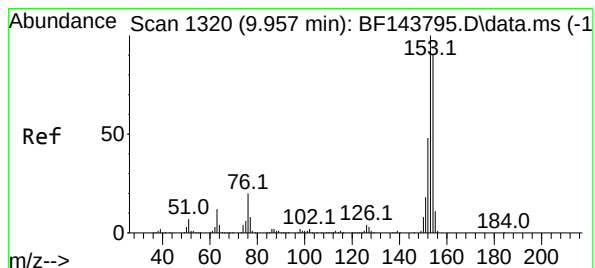
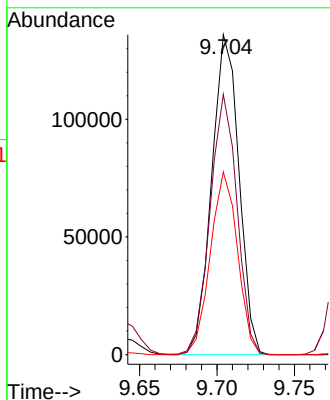
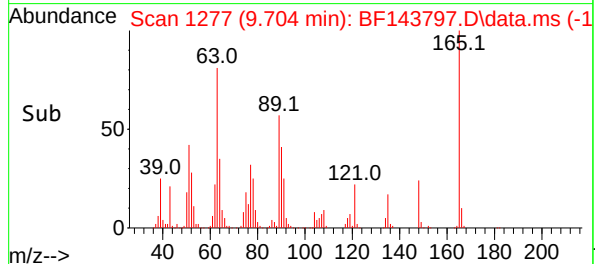
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:165 Resp: 166972
Ion Ratio Lower Upper
165 100
63 81.3 62.6 94.0
89 57.1 45.2 67.8

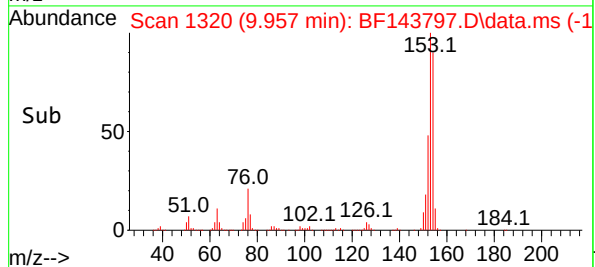
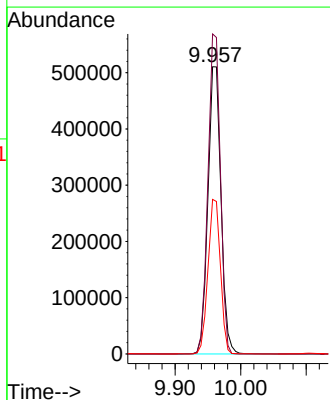
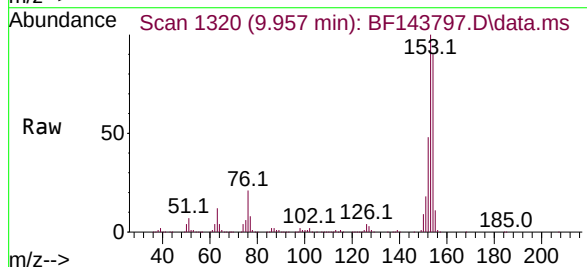
Manual Integrations
APPROVED

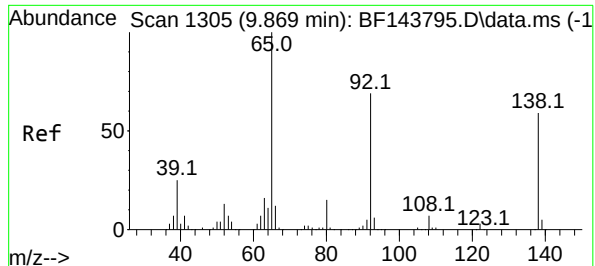
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 55.494 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:154 Resp: 704698
Ion Ratio Lower Upper
154 100
153 111.5 88.7 133.1
152 53.8 42.7 64.1





#53

3-Nitroaniline

Concen: 65.960 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

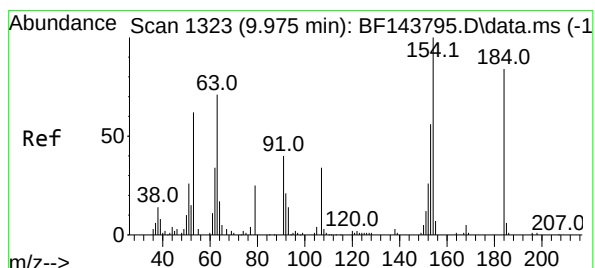
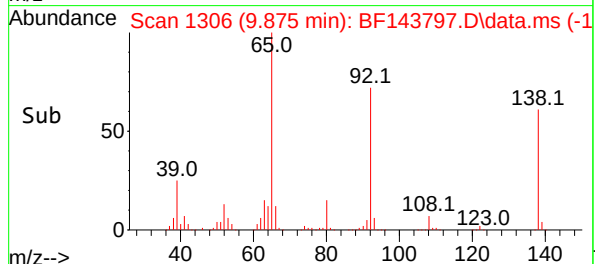
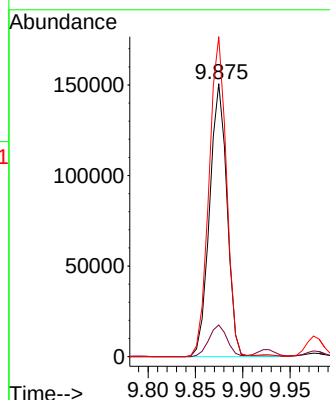
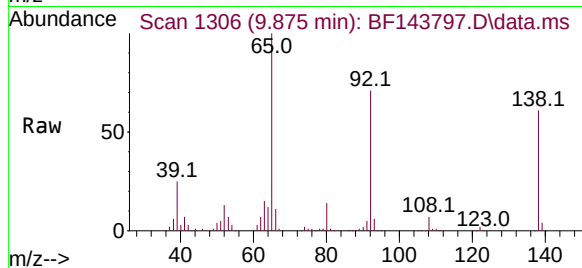
SSTDICC060

Tgt Ion:	138	Resp:	19260
Ion Ratio	Lower	Upper	
138	100		
108	11.6	9.9	14.9
92	117.3	93.5	140.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#54

2,4-Dinitrophenol

Concen: 61.464 ng

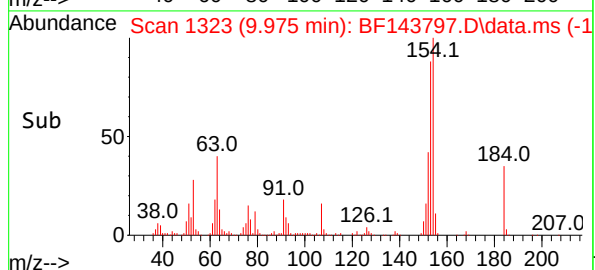
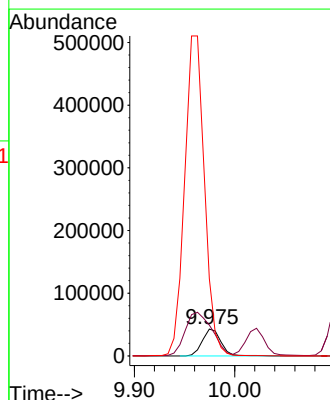
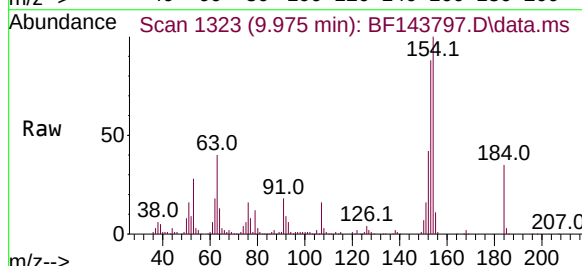
RT: 9.975 min Scan# 1323

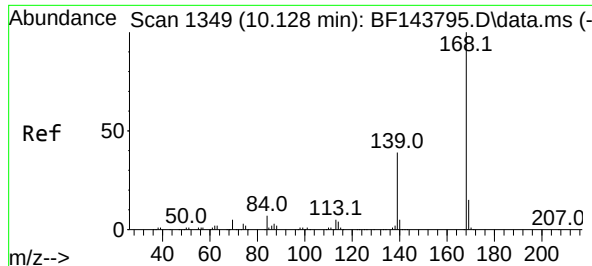
Delta R.T. -0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Tgt Ion:	184	Resp:	54678
Ion Ratio	Lower	Upper	
184	100		
63	114.9	84.6	127.0
154	288.7	199.3	298.9





#55

Dibenzenofuran

Concen: 55.941 ng

RT: 10.134 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:168 Resp: 1004529

Ion Ratio Lower Upper

168 100

139 38.8 31.0 46.6

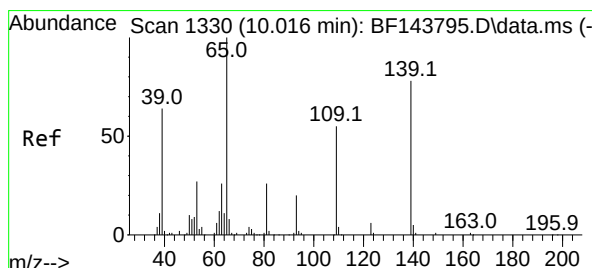
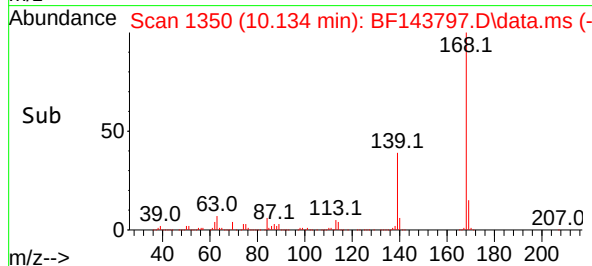
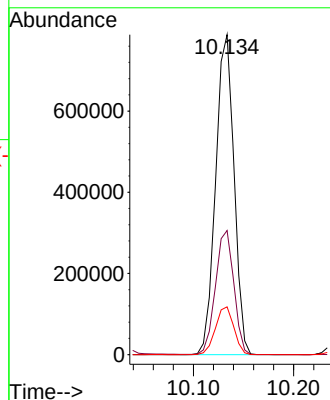
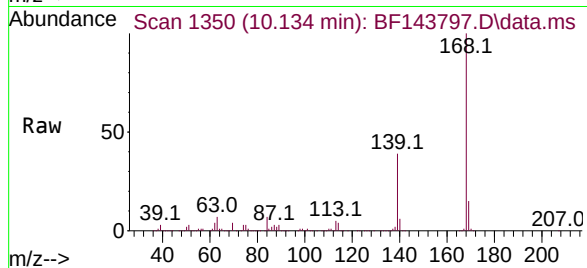
169 14.9 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 60.557 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

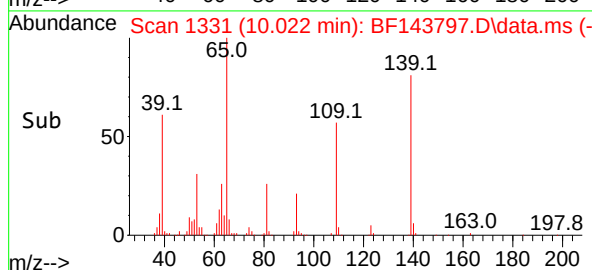
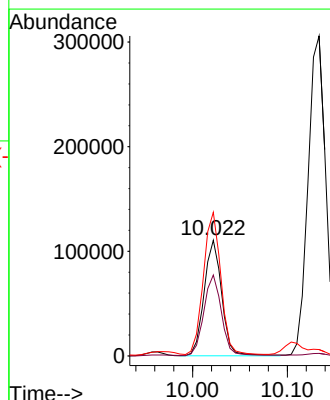
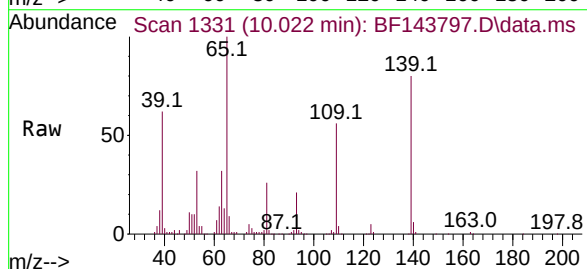
Tgt Ion:139 Resp: 142495

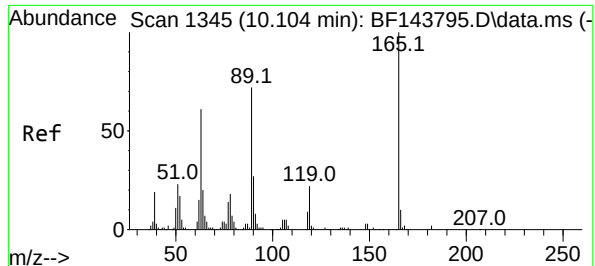
Ion Ratio Lower Upper

139 100

109 69.9 50.2 90.2

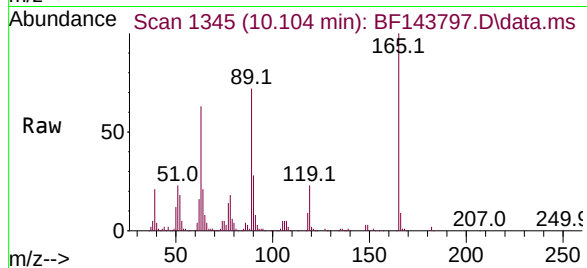
65 124.2 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 61.297 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

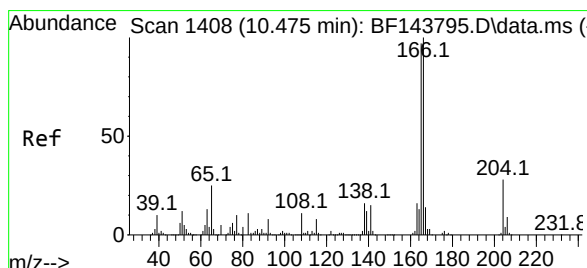
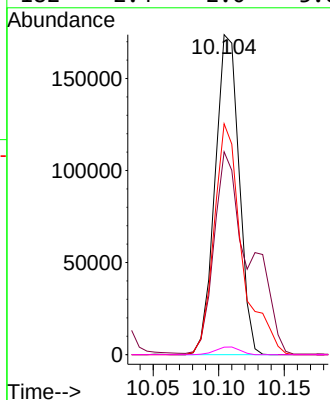
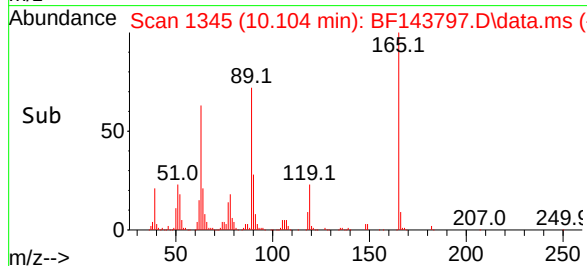
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



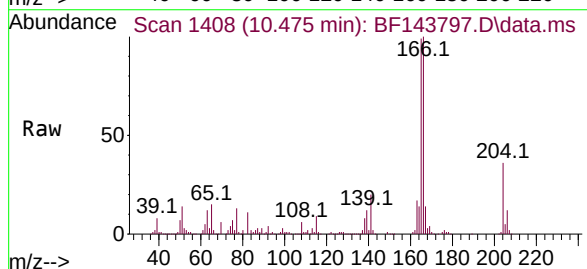
Tgt Ion:165 Resp: 222260
Ion Ratio Lower Upper
165 100
63 63.4 48.9 73.3
89 72.1 57.5 86.3
182 2.4 2.0 3.0

Manual Integrations
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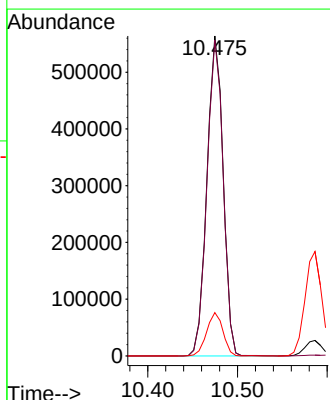
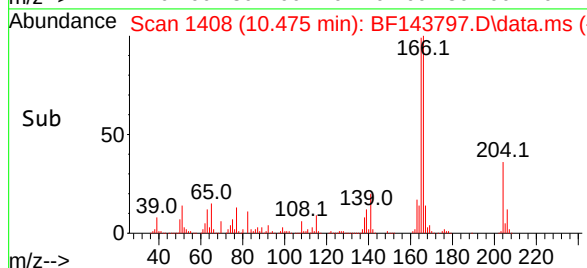
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

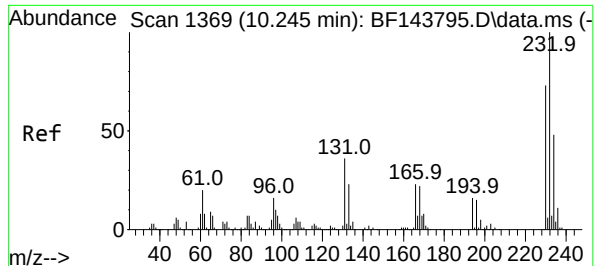


#58
Fluorene
Concen: 53.330 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



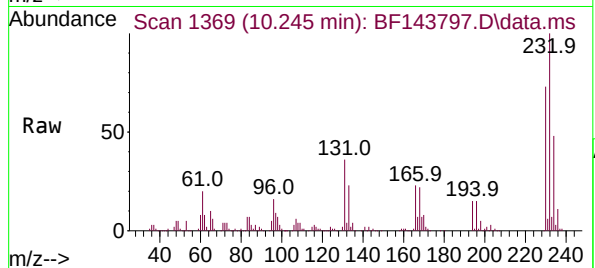
Tgt Ion:166 Resp: 711929
Ion Ratio Lower Upper
166 100
165 98.7 78.0 117.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 63.904 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

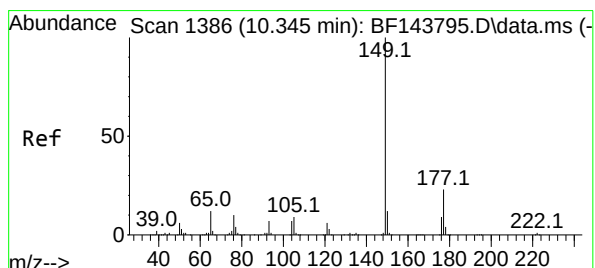
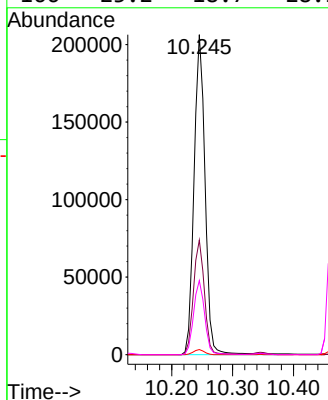
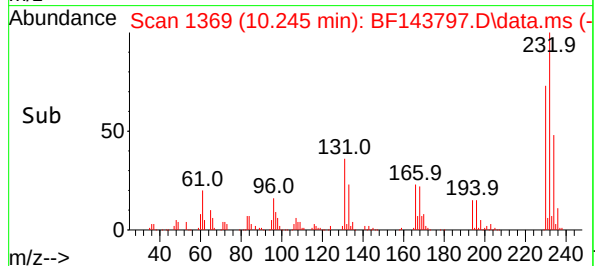
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



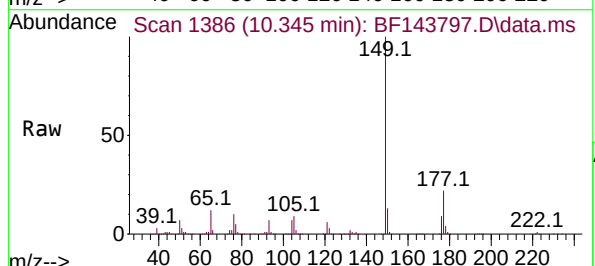
Tgt Ion:232 Resp: 260302
Ion Ratio Lower Upper
232 100
131 35.6 29.4 44.2
130 1.5 1.3 1.9
166 23.2 18.7 28.1

Manual Integrations
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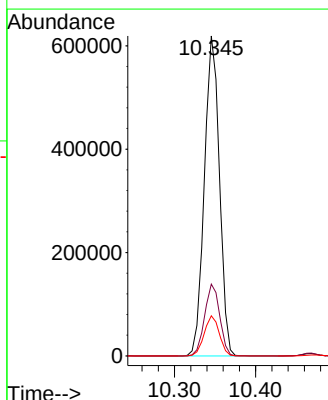
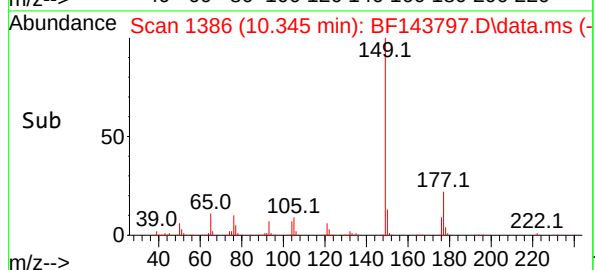
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

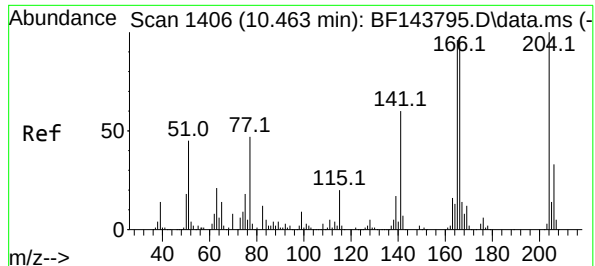


#60
Diethylphthalate
Concen: 58.305 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



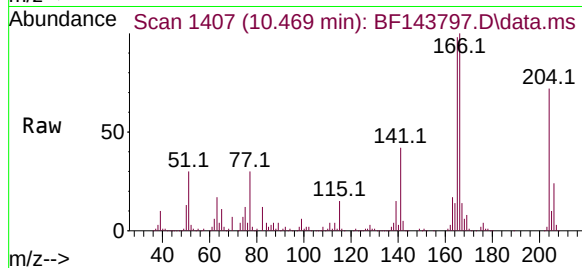
Tgt Ion:149 Resp: 800261
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 12.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 55.593 ng
RT: 10.469 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

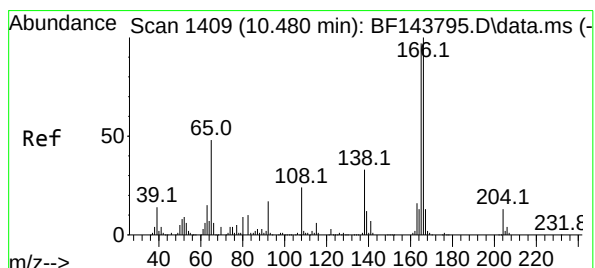
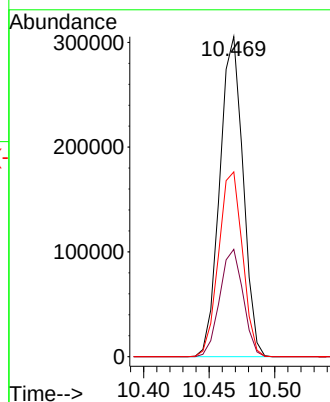
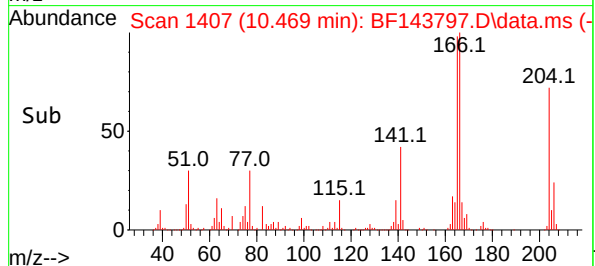
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



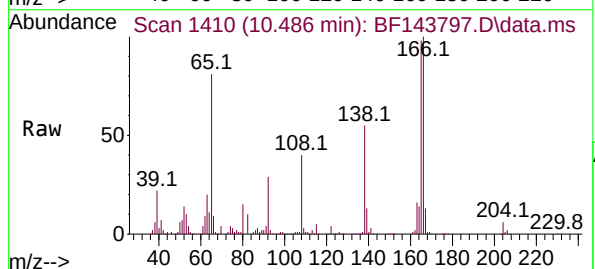
Tgt Ion:204 Resp: 37814
Ion Ratio Lower Upper
204 100
206 33.5 26.7 40.1
141 57.7 48.2 72.2

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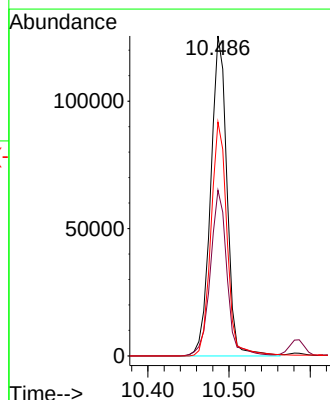
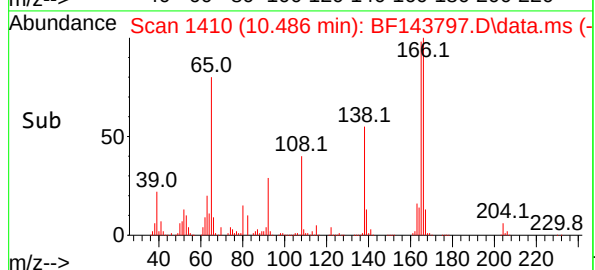
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

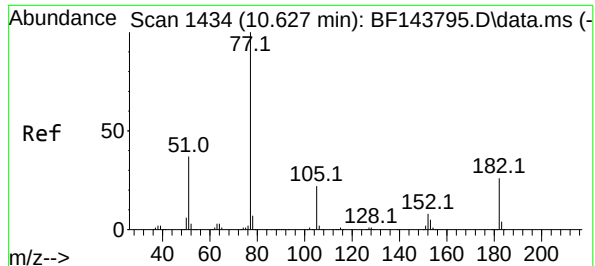


#62
4-Nitroaniline
Concen: 63.907 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



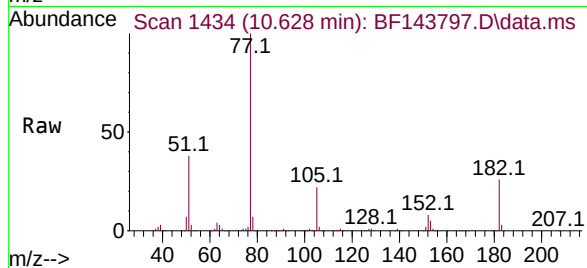
Tgt Ion:138 Resp: 175465
Ion Ratio Lower Upper
138 100
92 51.8 31.5 71.5
108 73.1 51.9 91.9





#63
Azobenzene
Concen: 58.022 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

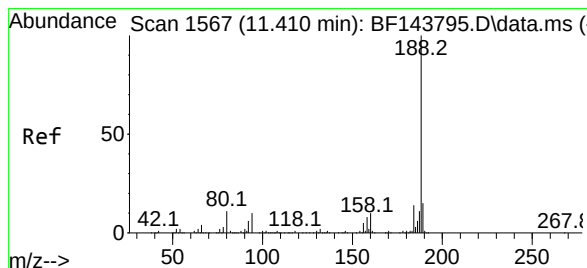
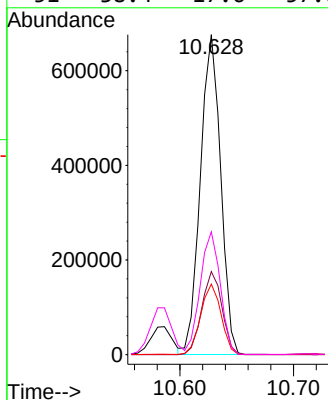
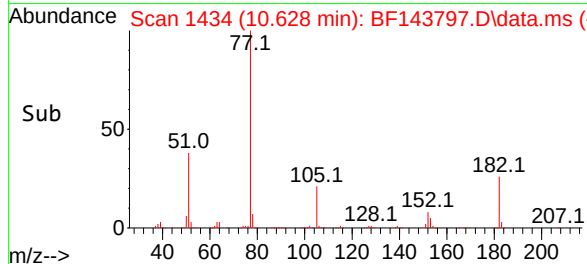
Instrument :
BNA_F
Client Sample Id :
SSTDICC060



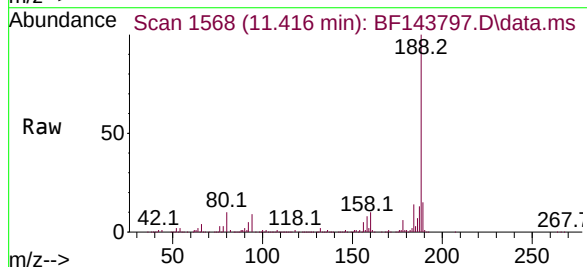
Tgt Ion: 77 Resp: 839301
Ion Ratio Lower Upper
77 100
182 25.9 5.9 45.9
105 22.0 2.3 42.3
51 38.4 17.6 57.6

Manual Integrations
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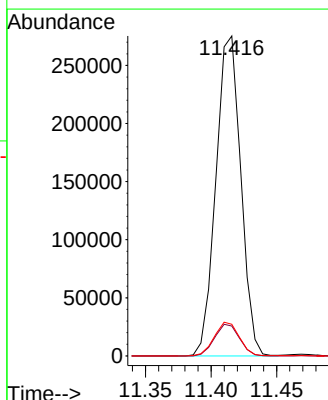
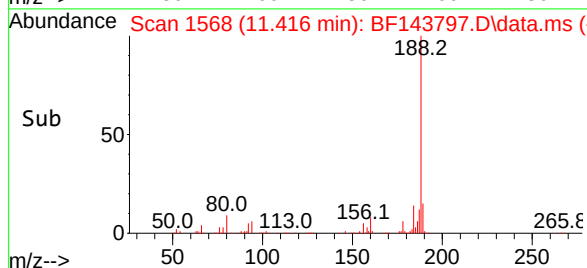
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

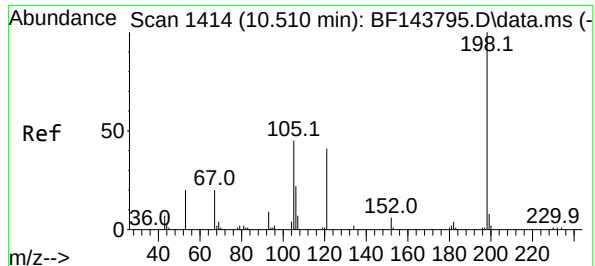


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



Tgt Ion:188 Resp: 364411
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 9.9 8.6 12.8





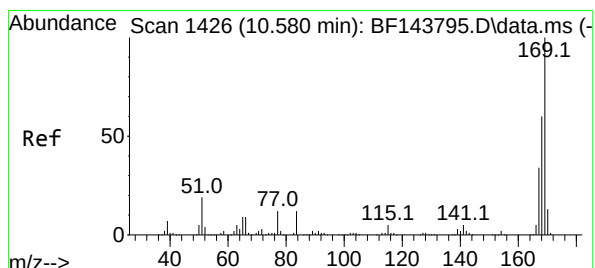
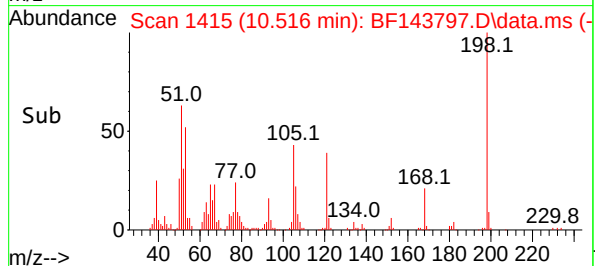
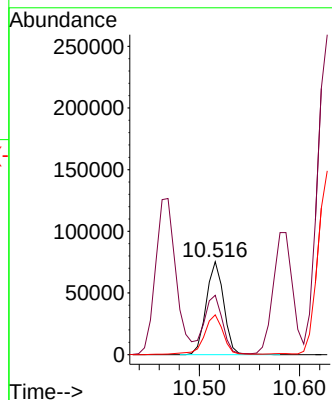
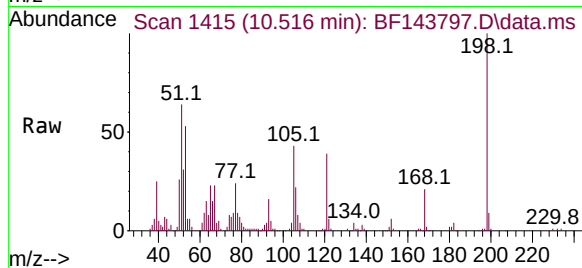
#65
4,6-Dinitro-2-methylphenol
Concen: 62.624 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:198 Resp: 90861
Ion Ratio Lower Upper
198 100
51 63.9 52.0 92.0
105 42.8 27.5 67.5

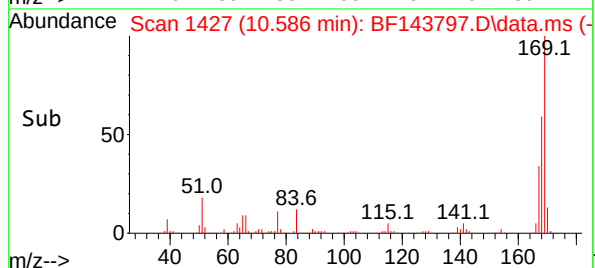
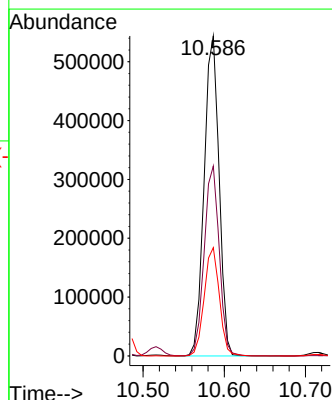
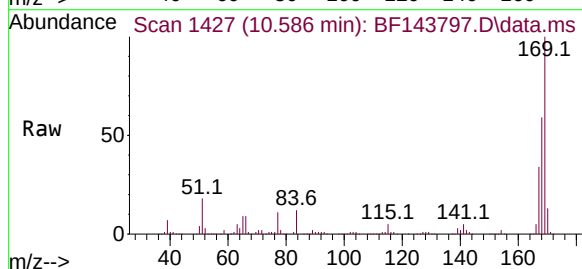
Manual Integrations
APPROVED

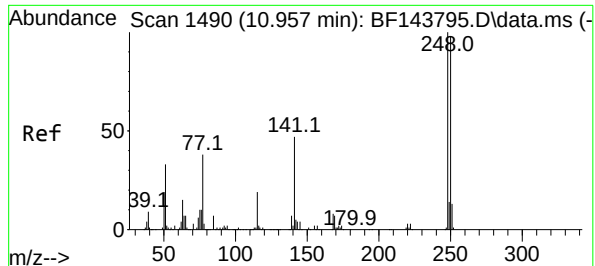
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 58.067 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

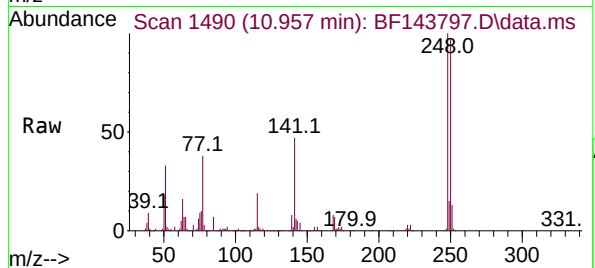
Tgt Ion:169 Resp: 695896
Ion Ratio Lower Upper
169 100
168 59.3 47.9 71.9
167 33.8 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 60.132 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

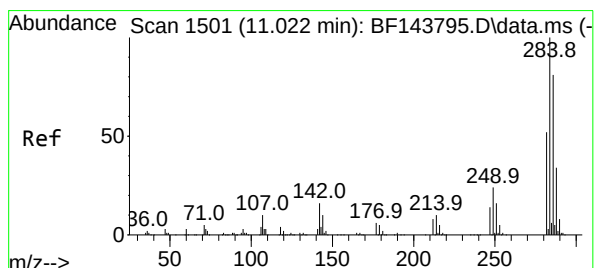
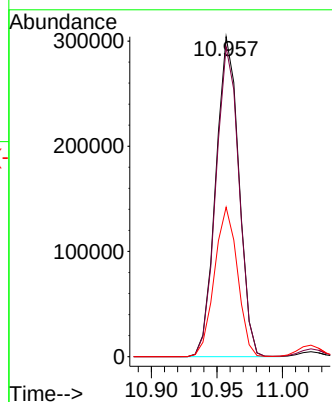
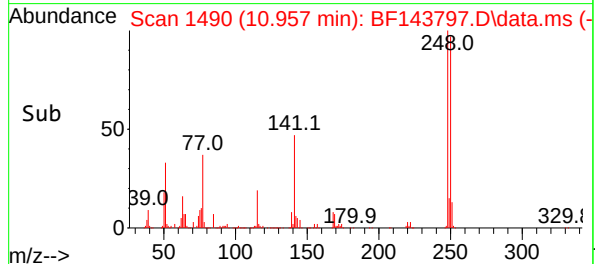
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:248 Resp: 373431
Ion Ratio Lower Upper
248 100
250 96.8 78.7 118.1
141 46.7 37.9 56.9

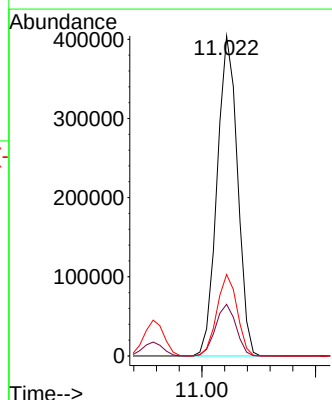
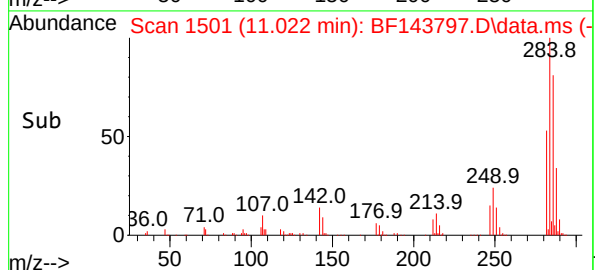
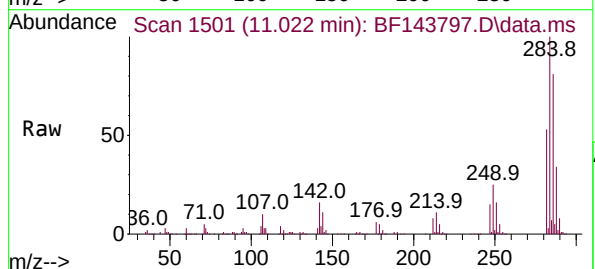
Manual Integrations
APPROVED

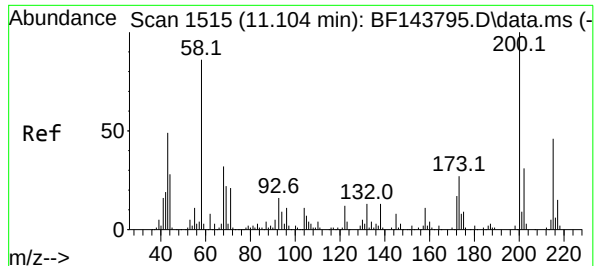
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#68
Hexachlorobenzene
Concen: 58.941 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:284 Resp: 504432
Ion Ratio Lower Upper
284 100
142 16.2 13.1 19.7
249 25.4 19.5 29.3





#69

Atrazine

Concen: 58.963 ng

RT: 11.110 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:200 Resp: 204628

Ion Ratio Lower Upper

200 100

173 27.2 7.2 47.2

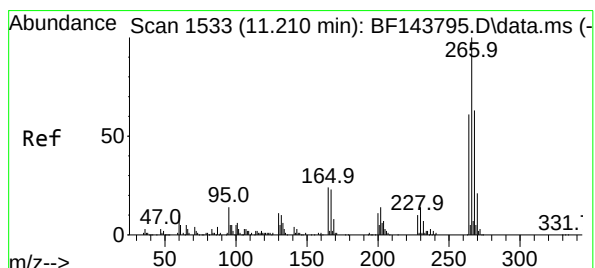
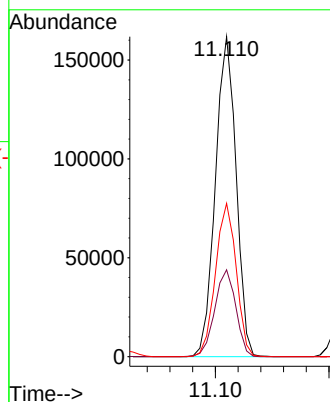
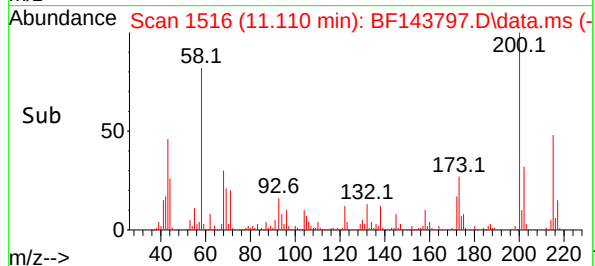
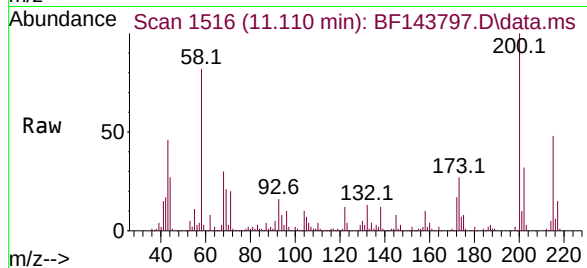
215 47.9 26.0 66.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

Concen: 65.133 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

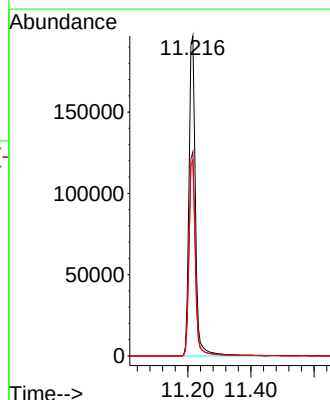
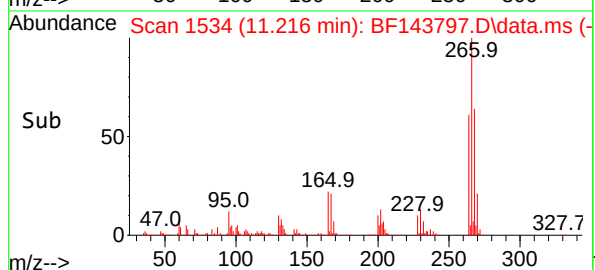
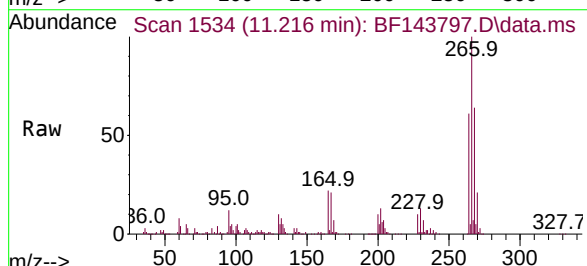
Tgt Ion:266 Resp: 277473

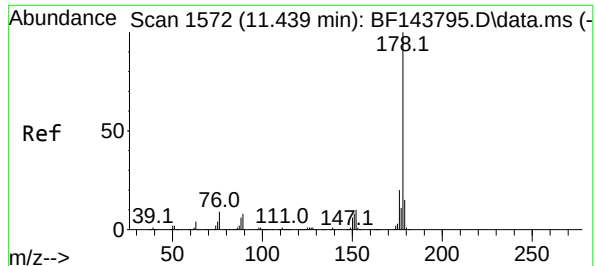
Ion Ratio Lower Upper

266 100

268 63.8 50.5 75.7

264 61.1 48.8 73.2





#71

Phenanthrene

Concen: 55.742 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:178 Resp: 104287

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

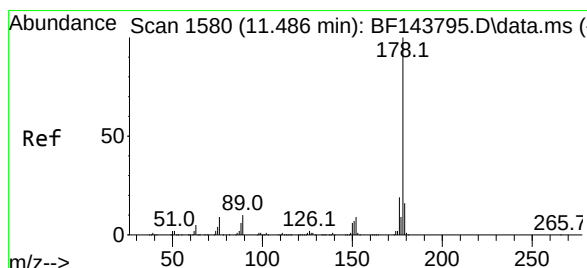
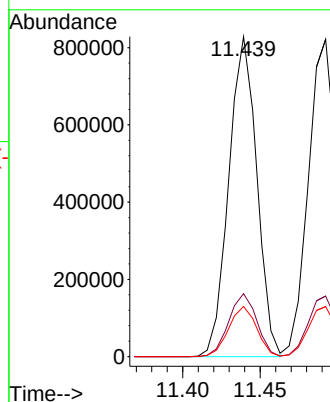
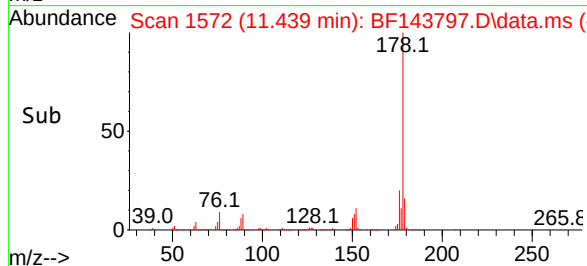
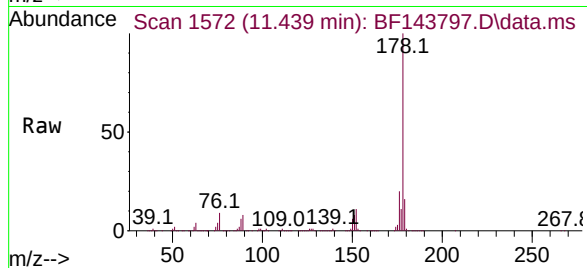
179 15.7 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#72

Anthracene

Concen: 56.095 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

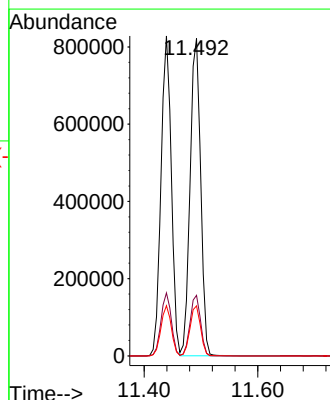
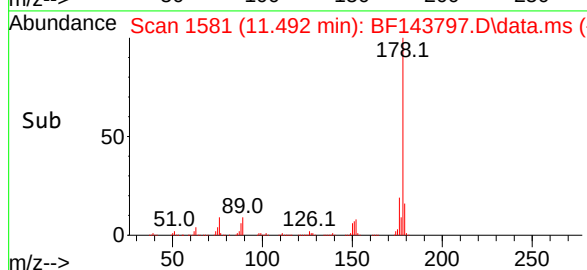
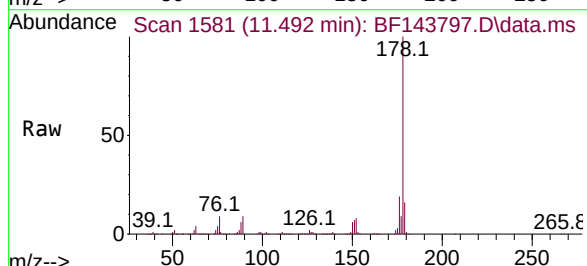
Tgt Ion:178 Resp: 1052693

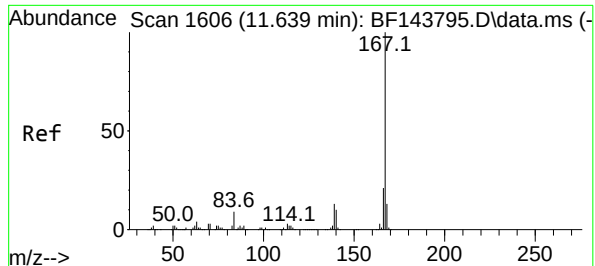
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

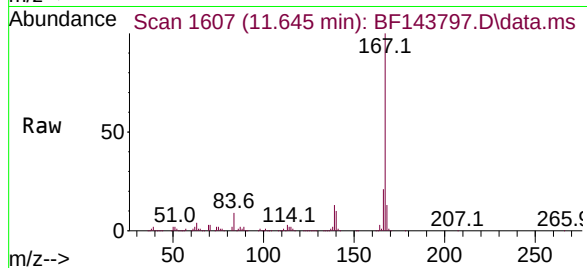
179 15.8 12.8 19.2





#73
Carbazole
Concen: 56.377 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

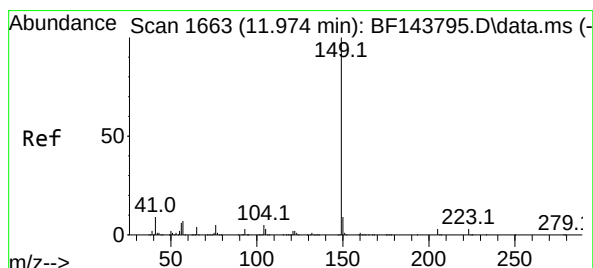
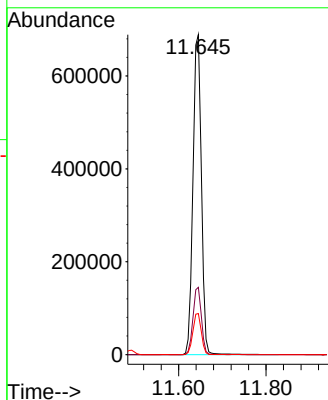
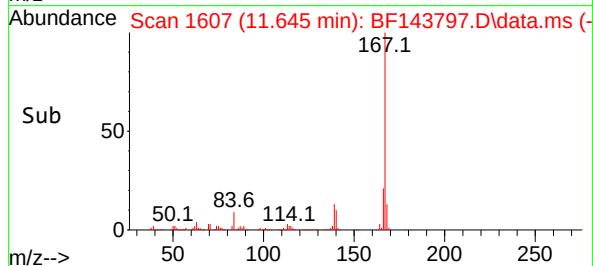
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



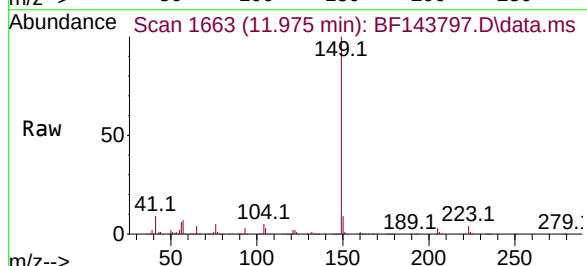
Tgt Ion:167 Resp: 925032
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.4
139 12.8 10.6 15.8

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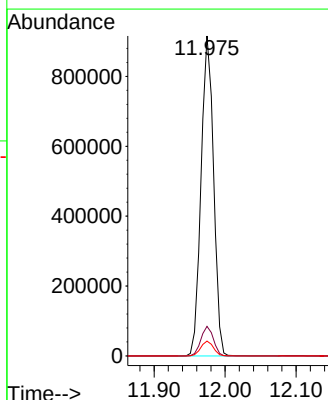
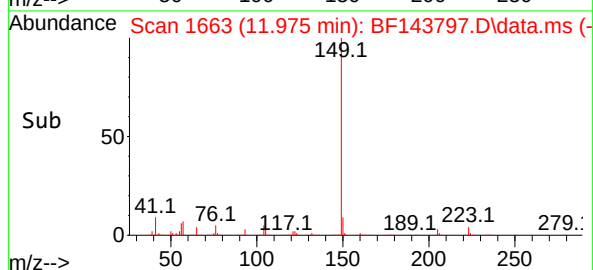
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

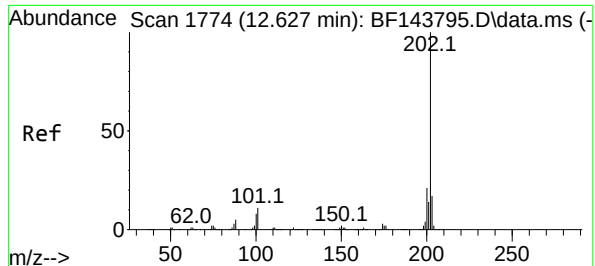


#74
Di-n-butylphthalate
Concen: 59.029 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



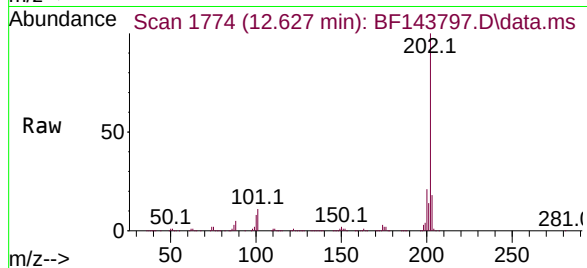
Tgt Ion:149 Resp: 1113894
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.6 5.4





#75
Fluoranthene
Concen: 55.523 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

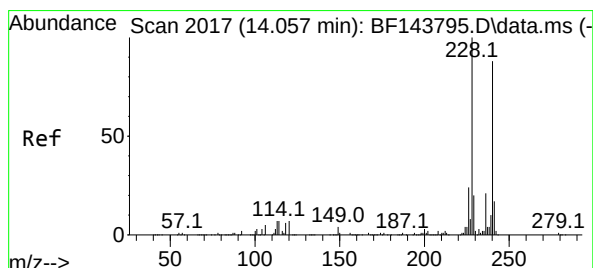
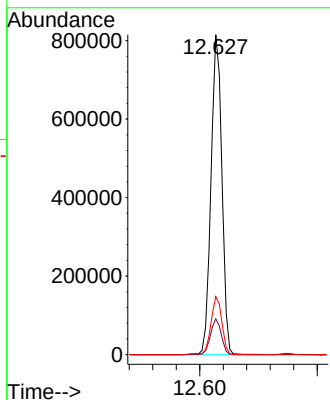
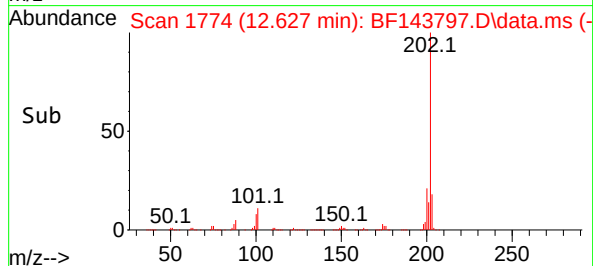
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



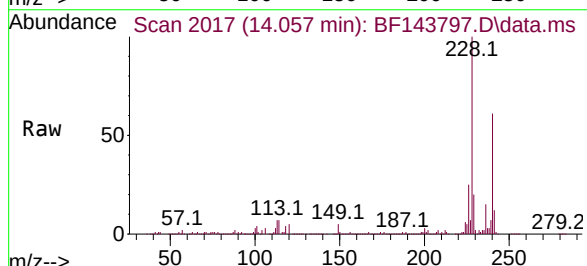
Tgt Ion:202 Resp: 1044763
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.1
203 18.1 0.0 37.4

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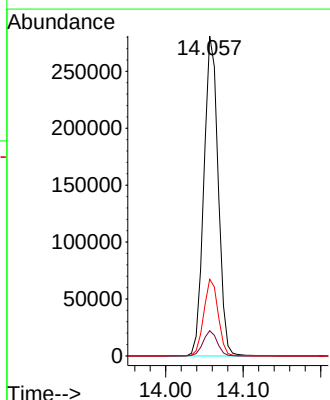
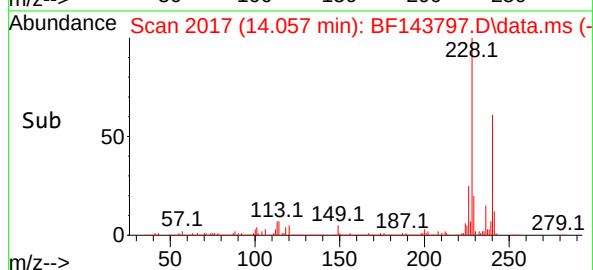
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

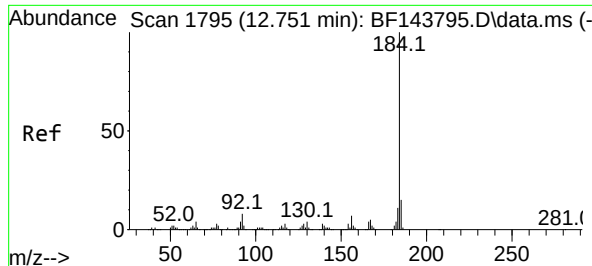


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



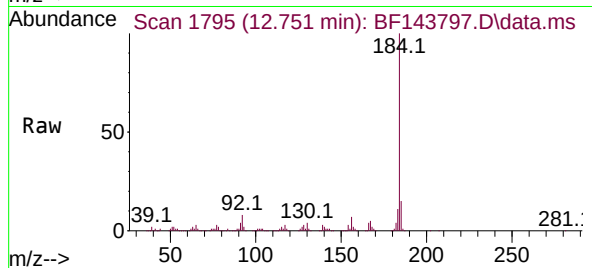
Tgt Ion:240 Resp: 359318
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 24.0 19.4 29.2





#77
Benzidine
Concen: 68.094 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

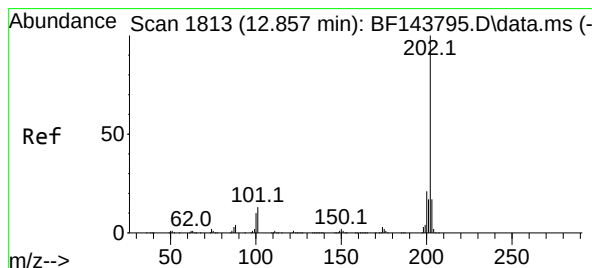
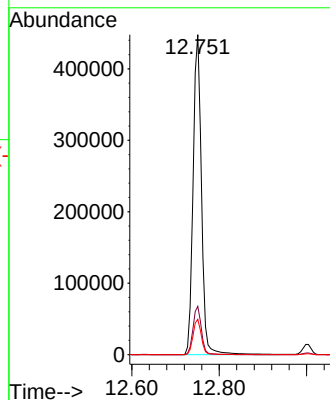
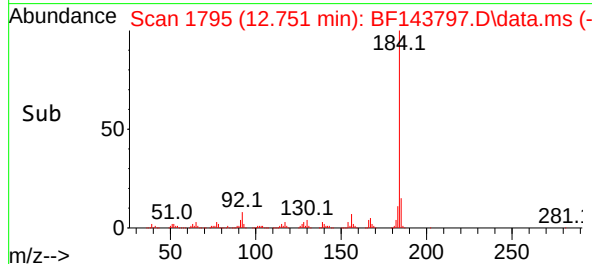
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:184 Resp: 596216
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 11.0 8.6 13.0

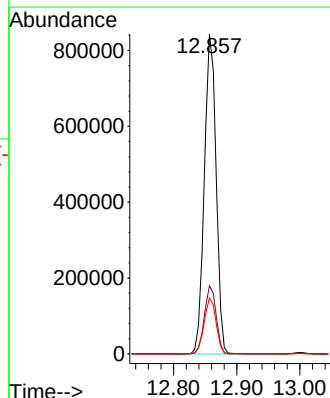
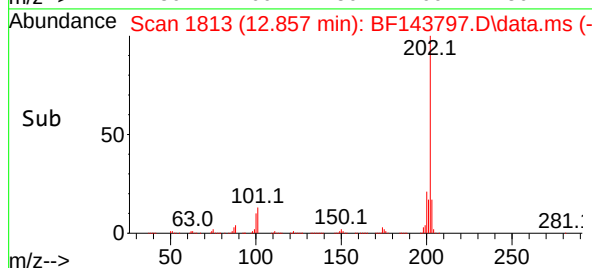
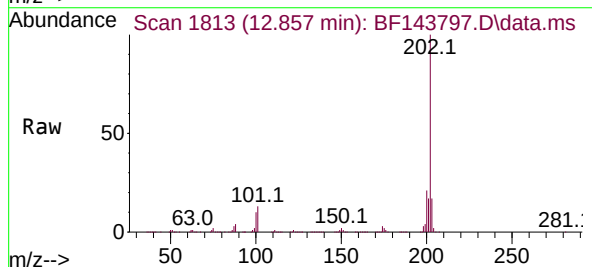
Manual Integrations
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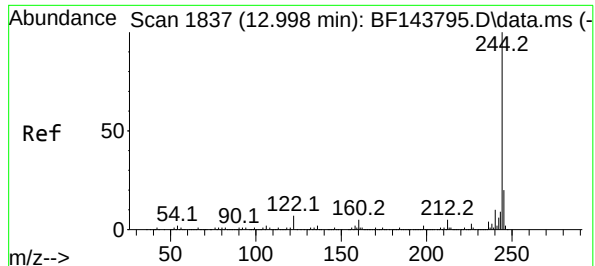
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 61.683 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

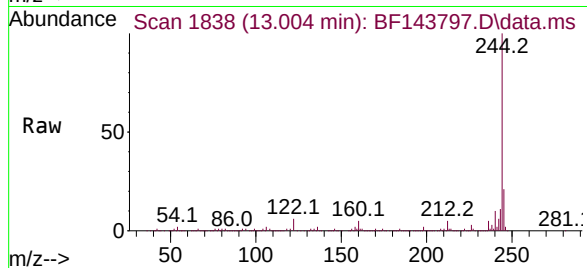
Tgt Ion:202 Resp: 1089660
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.5 13.9 20.9





#79
Terphenyl-d14
Concen: 116.521 ng
RT: 13.004 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

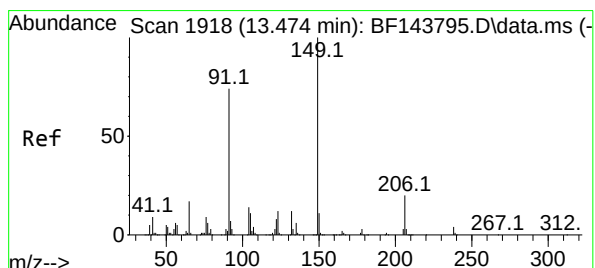
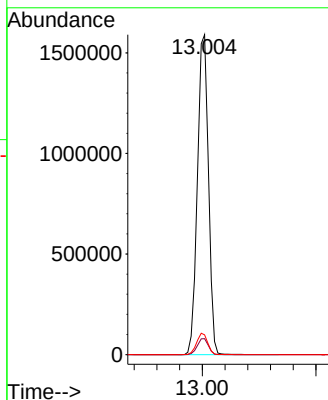
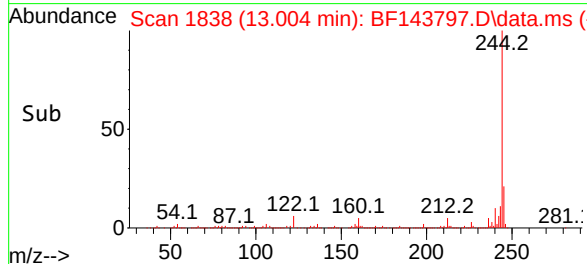
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:244 Resp: 2132520
Ion Ratio Lower Upper
244 100
212 5.0 3.9 5.9
122 6.2 5.6 8.4

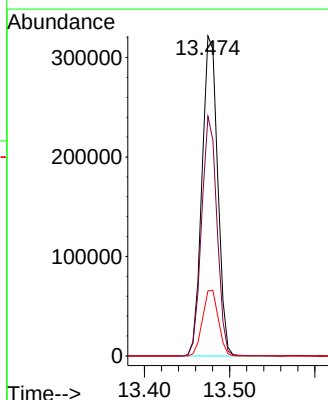
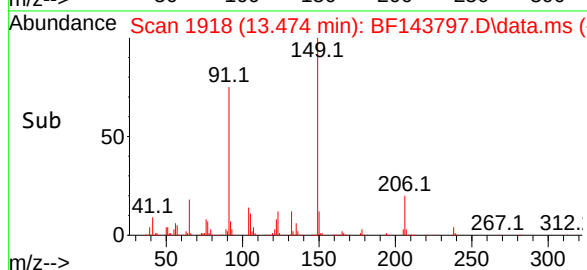
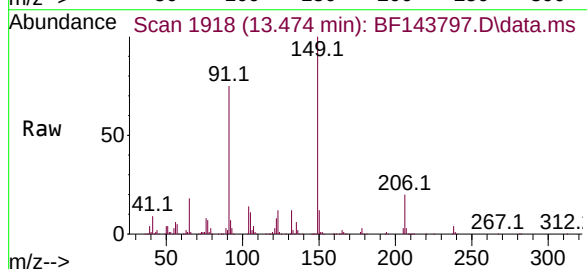
Manual Integrations
APPROVED

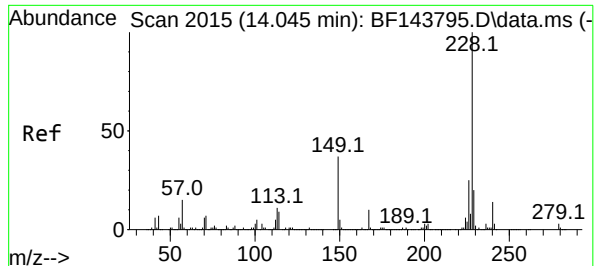
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#80
Butylbenzylphthalate
Concen: 67.252 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

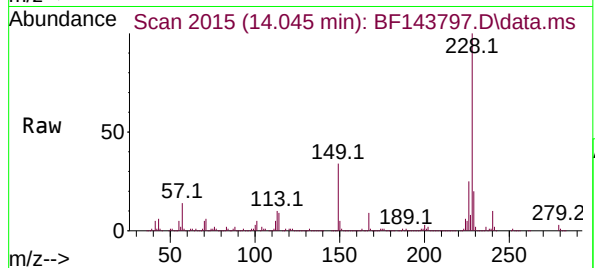
Tgt Ion:149 Resp: 411027
Ion Ratio Lower Upper
149 100
91 74.8 59.5 89.3
206 20.3 16.1 24.1





#81
Benzo(a)anthracene
Concen: 59.491 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

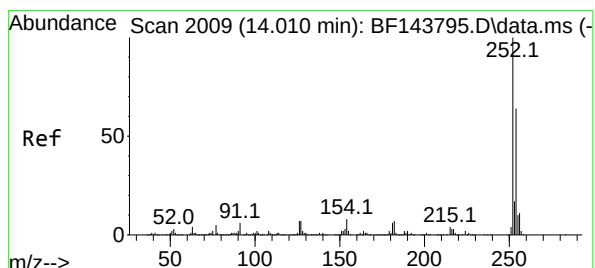
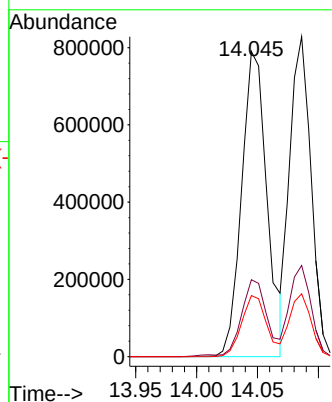
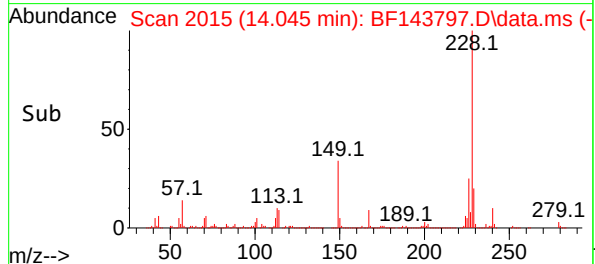
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:228 Resp: 1148366
Ion Ratio Lower Upper
228 100
226 25.2 20.2 30.2
229 20.0 16.1 24.1

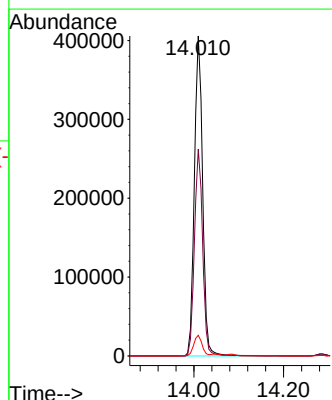
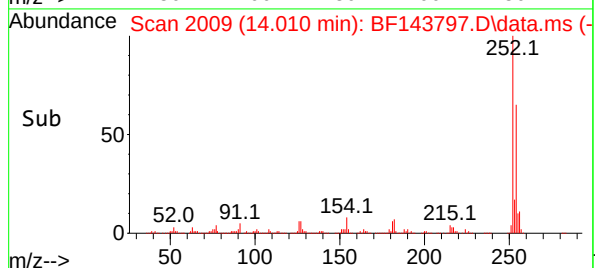
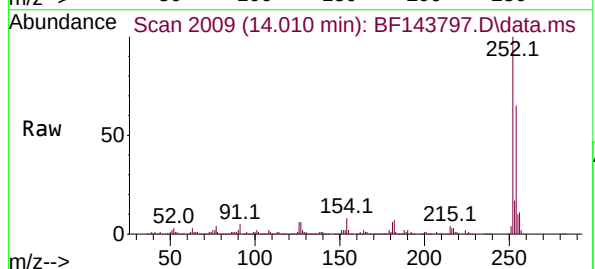
Manual Integrations
APPROVED

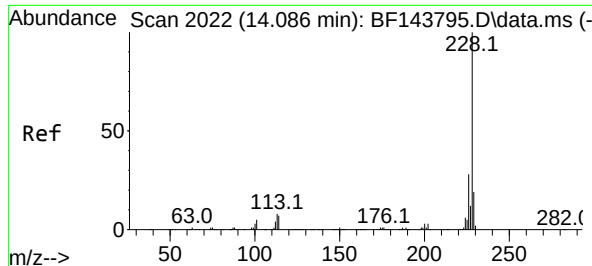
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#82
3,3'-Dichlorobenzidine
Concen: 61.874 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

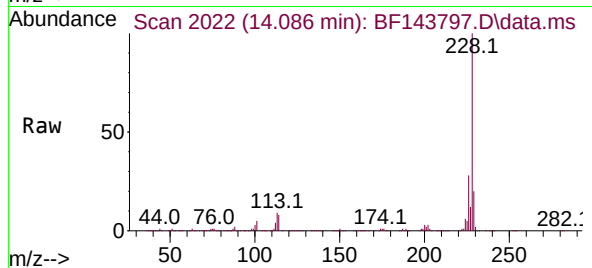
Tgt Ion:252 Resp: 517428
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 6.4 5.4 8.2





#83
Chrysene
Concen: 58.075 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

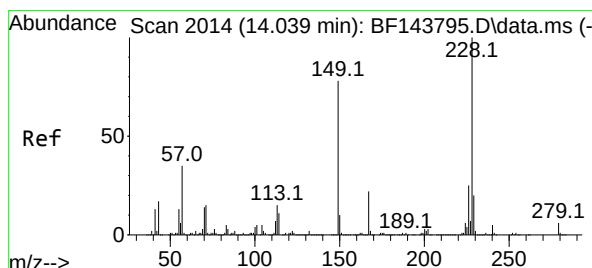
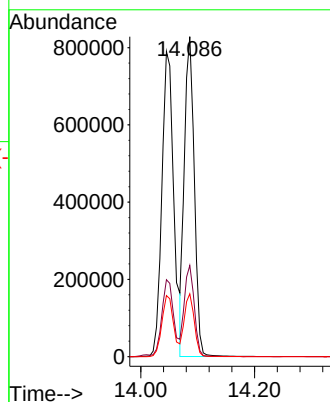
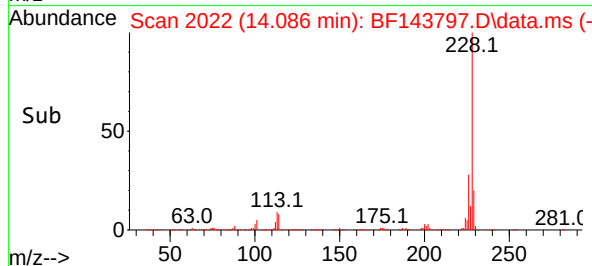
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



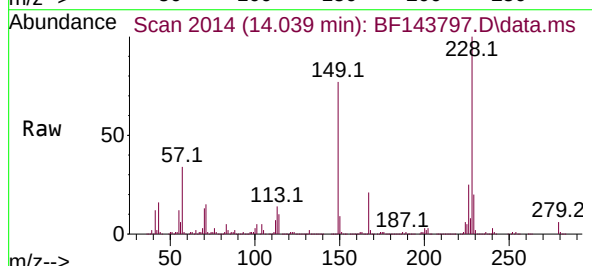
Tgt Ion:228 Resp: 1014385
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 19.6 15.6 23.4

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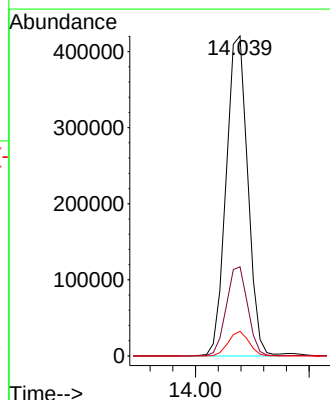
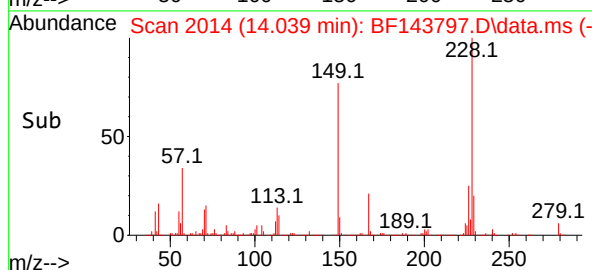
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

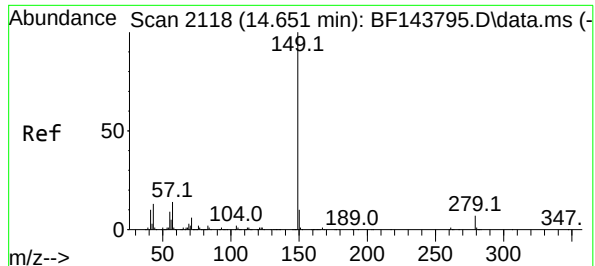


#84
Bis(2-ethylhexyl)phthalate
Concen: 62.115 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58



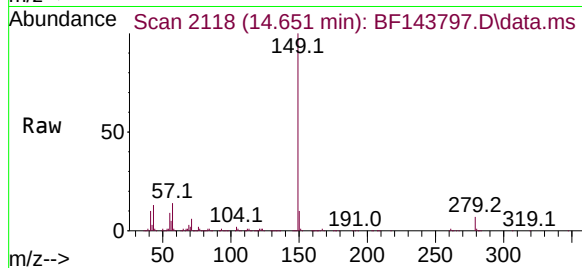
Tgt Ion:149 Resp: 556458
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.2
279 7.7 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 62.167 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

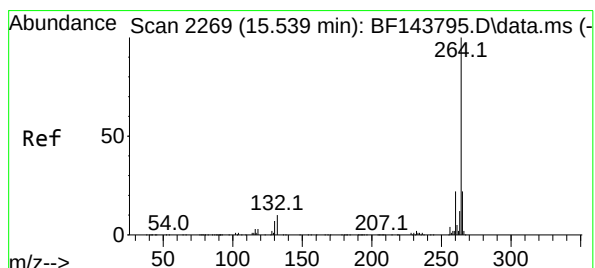
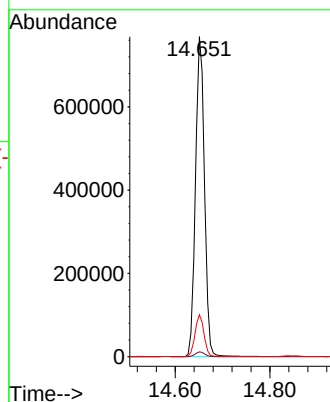
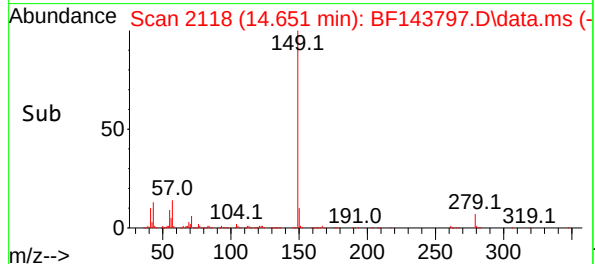
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:149 Resp: 1010224
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.0 10.7 16.1

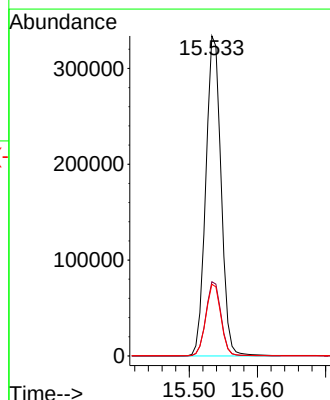
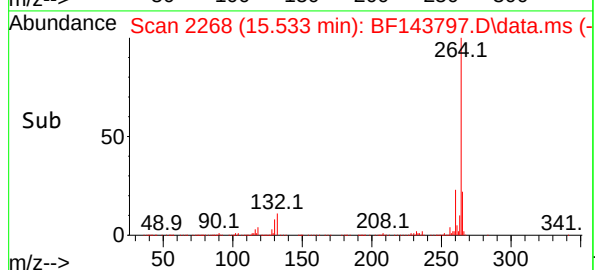
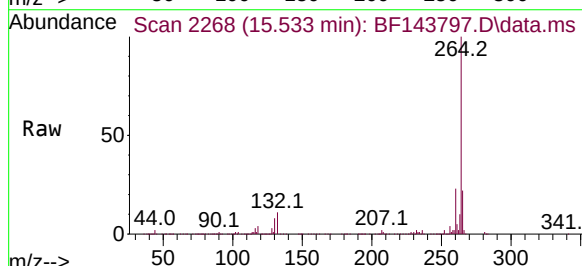
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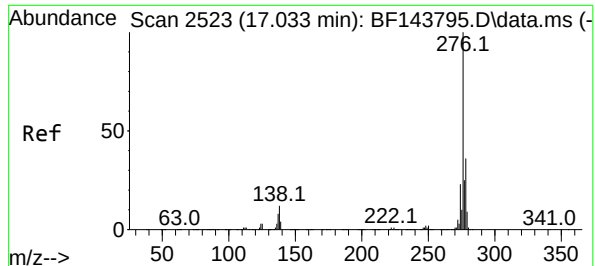
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:264 Resp: 519571
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 22.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.213 ng

RT: 17.039 min Scan# 2523

Delta R.T. -0.006 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:276 Resp: 2413125

Ion Ratio Lower Upper

276 100

138 12.8 10.6 15.8

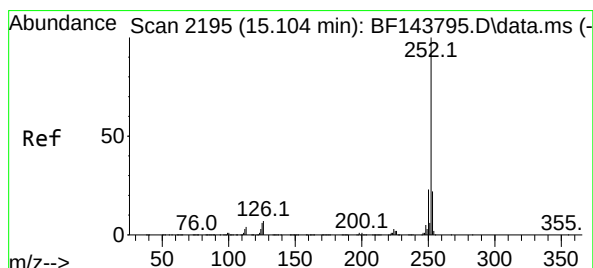
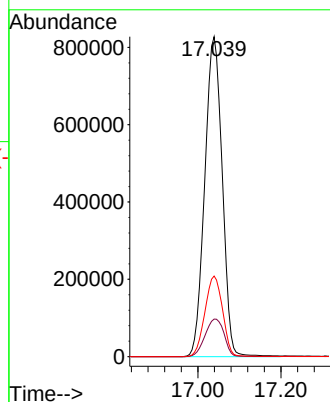
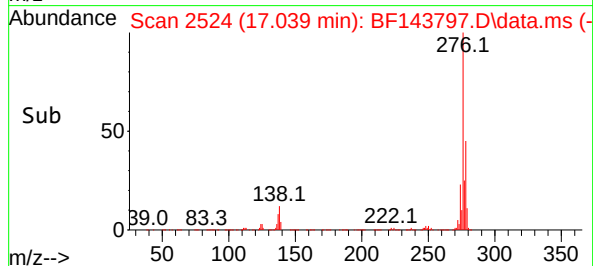
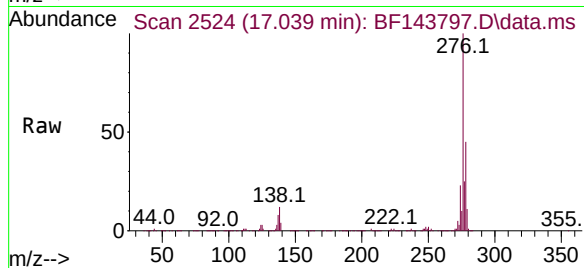
277 25.5 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#88

Benzo(b)fluoranthene

Concen: 59.037 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

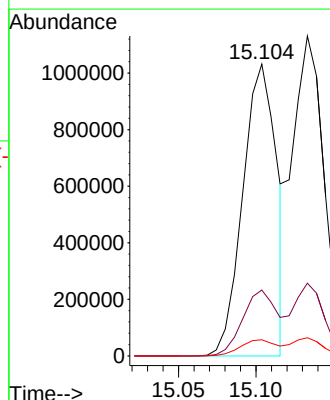
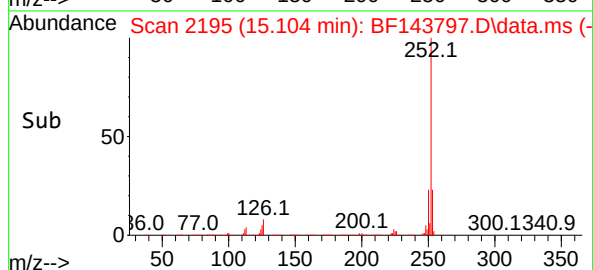
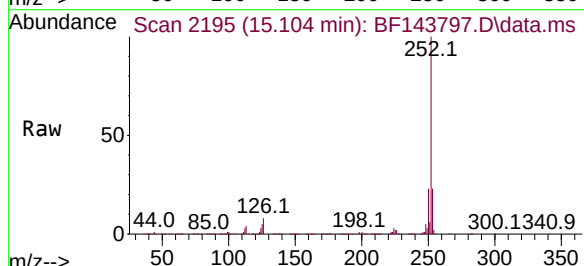
Tgt Ion:252 Resp: 1562058

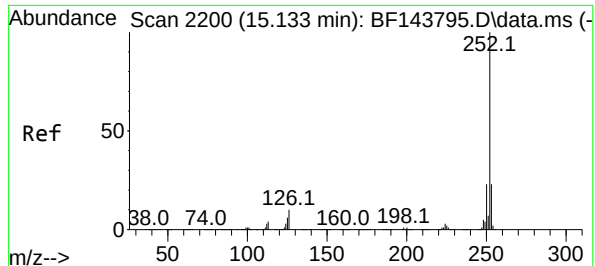
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 5.5 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 60.363 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143797.D

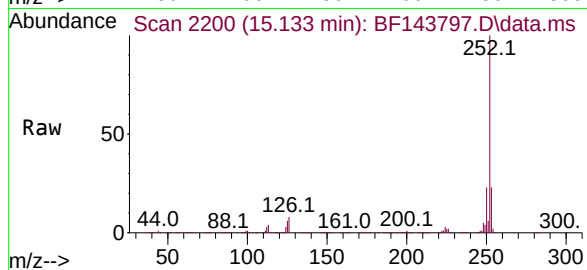
Acq: 23 Sep 2025 14:58

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:252 Resp: 1604602

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

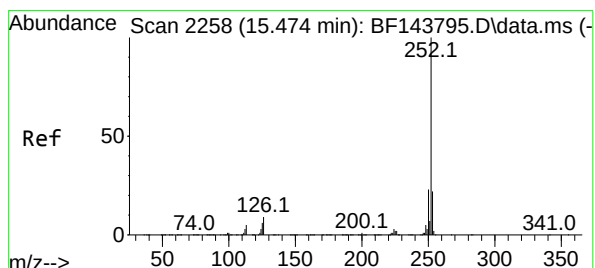
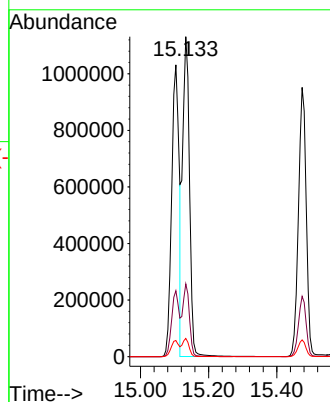
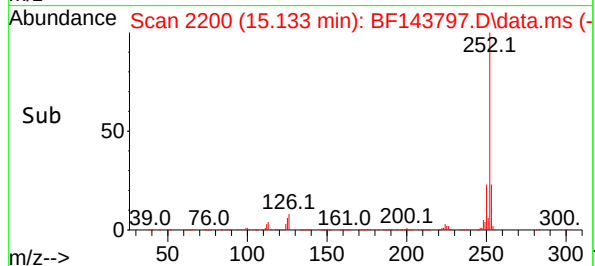
125 5.7 4.6 6.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 60.876 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143797.D

Acq: 23 Sep 2025 14:58

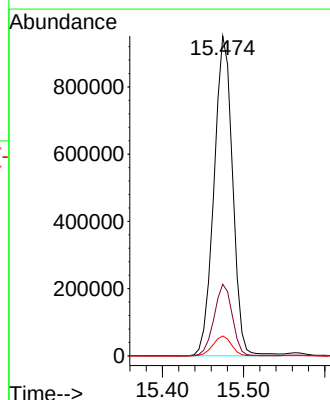
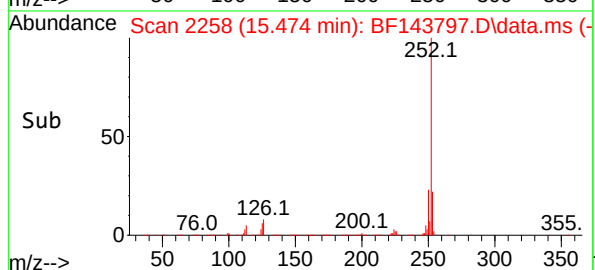
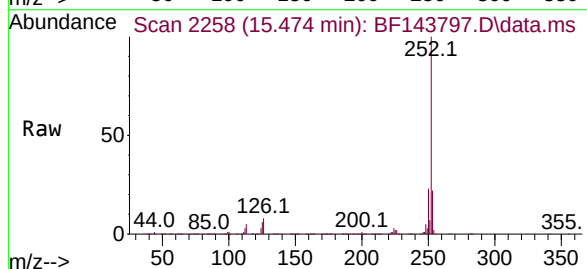
Tgt Ion:252 Resp: 1514049

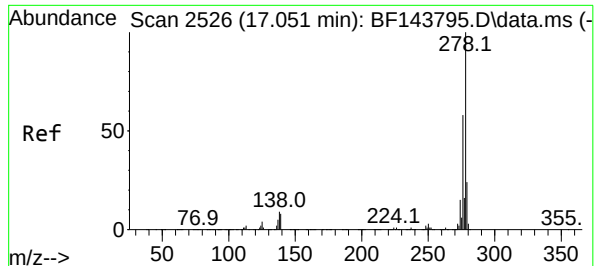
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

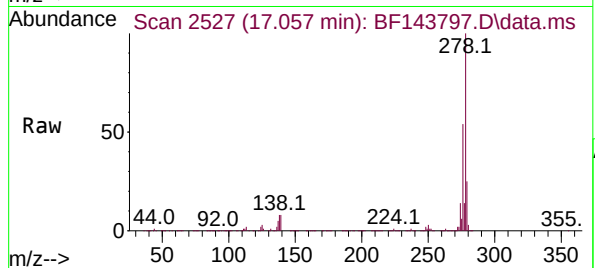
125 6.2 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 60.781 ng
RT: 17.057 min Scan# 2526
Delta R.T. -0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

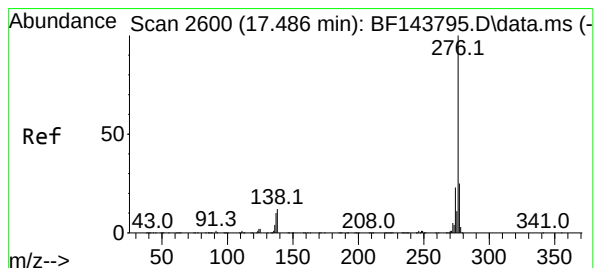
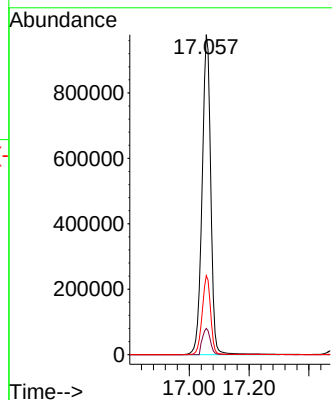
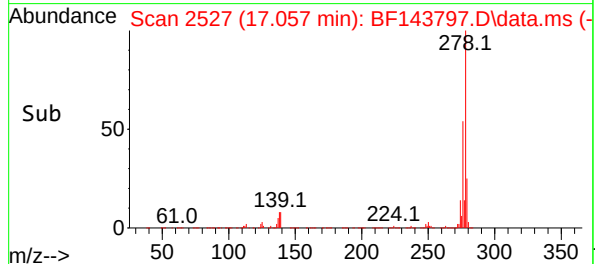
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



Tgt Ion:278 Resp: 195978
Ion Ratio Lower Upper
278 100
139 8.2 6.7 10.1
279 24.7 19.3 28.9

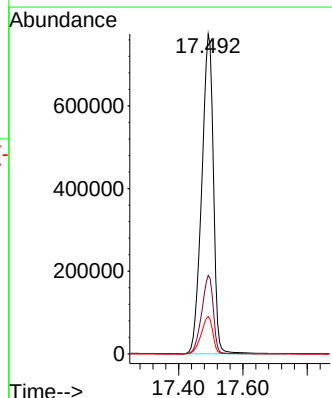
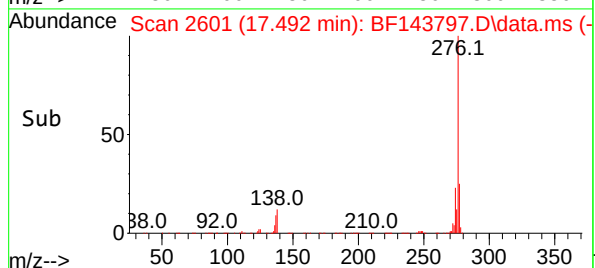
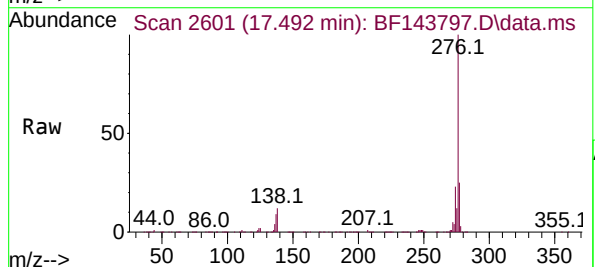
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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 62.375 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.012 min
Lab File: BF143797.D
Acq: 23 Sep 2025 14:58

Tgt Ion:276 Resp: 1938747
Ion Ratio Lower Upper
276 100
277 24.6 19.6 29.4
138 11.7 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143798.D
 Acq On : 23 Sep 2025 15:27
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:07:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	114150	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	403097	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	191047	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	300725	20.000	ng	0.00
76) Chrysene-d12	14.063	240	368976	20.000	ng	0.00
86) Perylene-d12	15.539	264	561861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1026027	144.655	ng	0.00
7) Phenol-d6	6.510	99	1156687	138.192	ng	0.00
23) Nitrobenzene-d5	7.451	82	991785	154.839	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	406469	149.081	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1675409	129.595	ng	0.00
79) Terphenyl-d14	13.004	244	2514401	133.790	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	263600	78.385	ng	99
3) Pyridine	3.399	79	703509	77.500	ng	99
4) n-Nitrosodimethylamine	3.357	42	358564	78.776	ng	99
6) Aniline	6.551	93	833840	70.770	ng	99
8) 2-Chlorophenol	6.669	128	523096	72.726	ng	96
9) Benzaldehyde	6.439	77	512709	72.121	ng	100
10) Phenol	6.528	94	668000m	70.793	ng	
11) bis(2-Chloroethyl)ether	6.622	93	528015	71.386	ng	97
12) 1,3-Dichlorobenzene	6.828	146	592035	70.893	ng	99
13) 1,4-Dichlorobenzene	6.904	146	587436	70.485	ng	100
14) 1,2-Dichlorobenzene	7.057	146	554647	70.268	ng	99
15) Benzyl Alcohol	7.028	79	427439	72.870	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1250239	71.282	ng	100
17) 2-Methylphenol	7.134	107	401874	72.168	ng	98
18) Hexachloroethane	7.404	117	213691	72.909	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	349063	66.866	ng	99
20) 3+4-Methylphenols	7.287	107	466916	68.853	ng	98
22) Acetophenone	7.298	105	601642	67.955	ng	97
24) Nitrobenzene	7.475	77	552229	75.655	ng	97
25) Isophorone	7.710	82	926928	72.232	ng	99
26) 2-Nitrophenol	7.786	139	241928	78.881	ng	95
27) 2,4-Dimethylphenol	7.816	122	420564	73.324	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	579809	69.544	ng	99
29) 2,4-Dichlorophenol	8.022	162	418769	74.200	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	426294	72.784	ng	98
31) Naphthalene	8.192	128	1331192	68.985	ng	99
32) Benzoic acid	7.922	122	259578	93.800	ng	96
33) 4-Chloroaniline	8.239	127	475524	70.124	ng	99
34) Hexachlorobutadiene	8.310	225	320435	73.390	ng	99
35) Caprolactam	8.610	113	112528	78.007	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	383212	72.398	ng	98
37) 2-Methylnaphthalene	8.881	142	839849	68.255	ng	100
38) 1-Methylnaphthalene	8.981	142	799000	67.842	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	419788	72.811	ng	99
41) Hexachlorocyclopentadiene	9.039	237	295770	80.945	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	278988	77.279	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143798.D
 Acq On : 23 Sep 2025 15:27
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
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Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 17:07:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	291440	77.179	ng	99
46) 1,1'-Biphenyl	9.345	154	969811	70.127	ng	99
47) 2-Chloronaphthalene	9.375	162	792043	71.150	ng	99
48) 2-Nitroaniline	9.463	65	294783	87.616	ng	97
49) Acenaphthylene	9.786	152	1100520	71.813	ng	99
50) Dimethylphthalate	9.639	163	857631	73.652	ng	100
51) 2,6-Dinitrotoluene	9.704	165	168866	88.265	ng	96
52) Acenaphthene	9.963	154	727931	72.181	ng	98
53) 3-Nitroaniline	9.875	138	201936	87.079	ng	99
54) 2,4-Dinitrophenol	9.975	184	64545	79.097	ng	91
55) Dibenzofuran	10.133	168	1015631	71.219	ng	100
56) 4-Nitrophenol	10.022	139	160308	85.785	ng	96
57) 2,4-Dinitrotoluene	10.110	165	229035	78.669	ng	99
58) Fluorene	10.475	166	730945	68.947	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	269005	83.157	ng	98
60) Diethylphthalate	10.345	149	814823	74.753	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	384933	71.259	ng	97
62) 4-Nitroaniline	10.492	138	195008	89.434	ng	99
63) Azobenzene	10.627	77	841633	73.264	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	101519	78.431	ng	94
66) n-Nitrosodiphenylamine	10.586	169	714258	72.221	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	389253	75.954	ng	98
68) Hexachlorobenzene	11.022	284	525440	74.398	ng	99
69) Atrazine	11.110	200	219693	76.710	ng	99
70) Pentachlorophenol	11.216	266	311232	88.529	ng	99
71) Phenanthrene	11.439	178	1108268	71.783	ng	99
72) Anthracene	11.492	178	1136970	73.416	ng	99
73) Carbazole	11.645	167	1018624	75.229	ng	100
74) Di-n-butylphthalate	11.974	149	1239778	79.613	ng	100
75) Fluoranthene	12.627	202	1217249	78.389	ng	99
77) Benzidine	12.751	184	600496	66.788	ng	100
78) Pyrene	12.857	202	1279855	70.553	ng	99
80) Butylbenzylphthalate	13.480	149	528060	84.139	ng	97
81) Benzo(a)anthracene	14.051	228	1467968	74.057	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	687295	80.036	ng	99
83) Chrysene	14.086	228	1352077	75.382	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	726710	78.996	ng	100
85) Di-n-octyl phthalate	14.657	149	1372332	82.239	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	3299429	77.396	ng	99
88) Benzo(b)fluoranthene	15.104	252	2247670	78.555	ng	98
89) Benzo(k)fluoranthene	15.139	252	2033980	70.756	ng	99
90) Benzo(a)pyrene	15.480	252	2063204	76.712	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	2621312	75.178	ng	99
92) Benzo(g,h,i)perylene	17.503	276	2625358	78.108	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

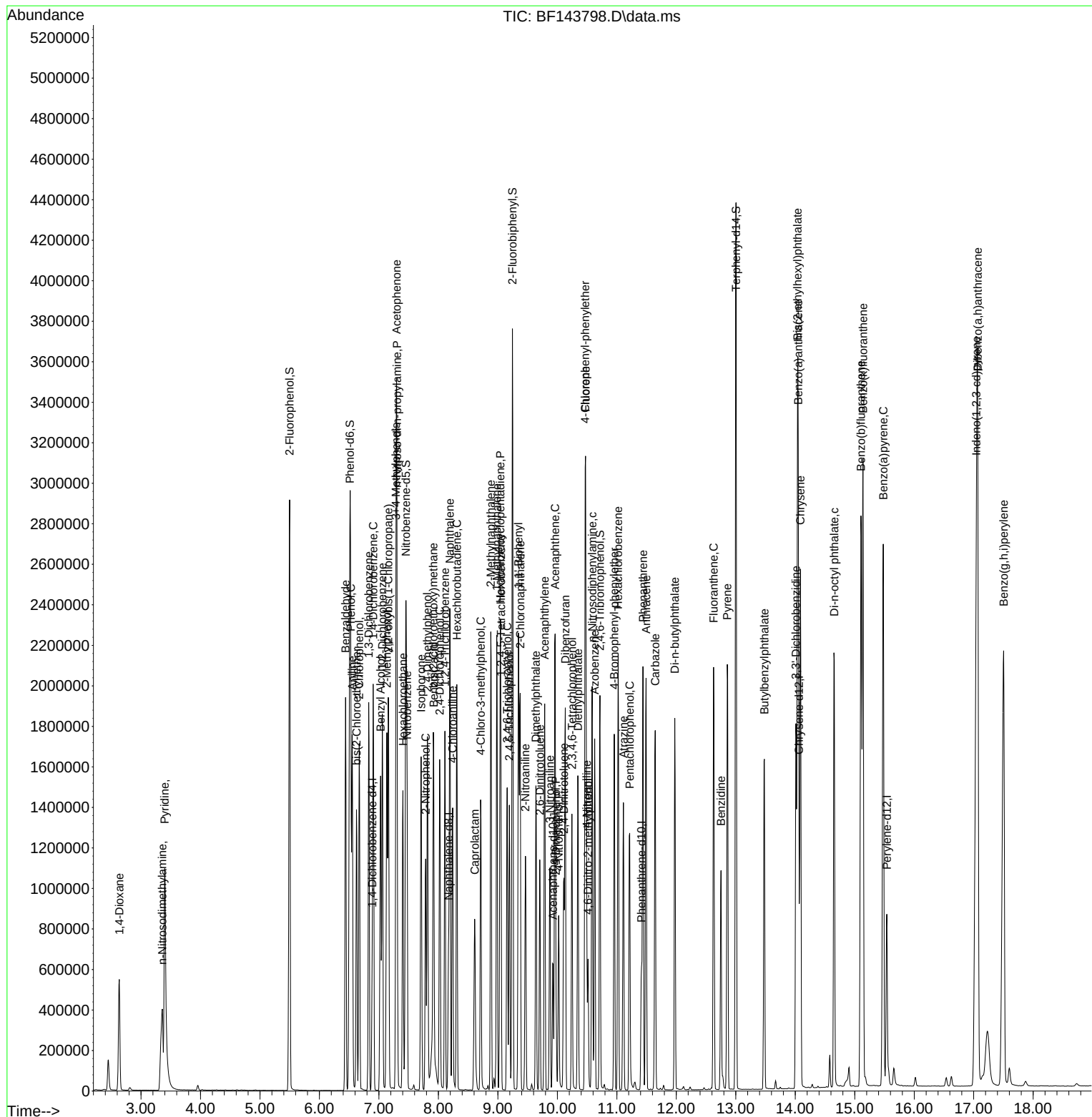
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143798.D
 Acq On : 23 Sep 2025 15:27
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

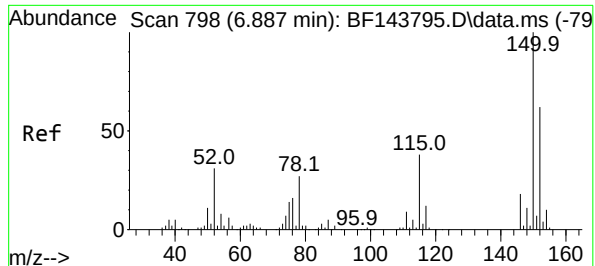
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 23 17:07:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 16:31:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

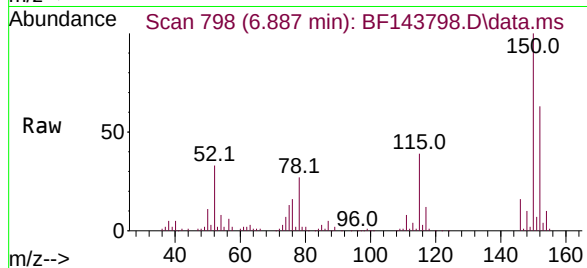
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

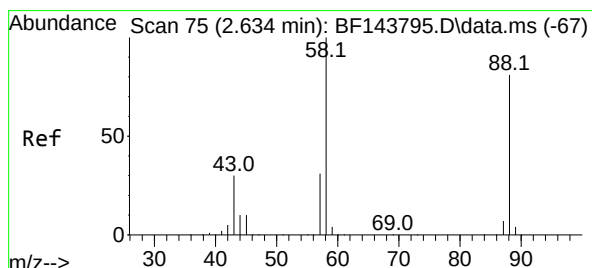
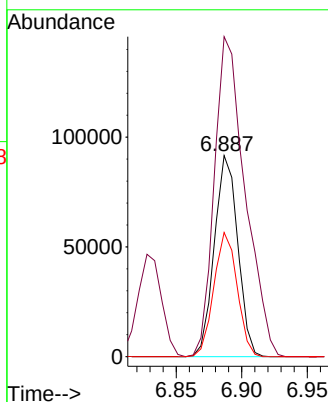
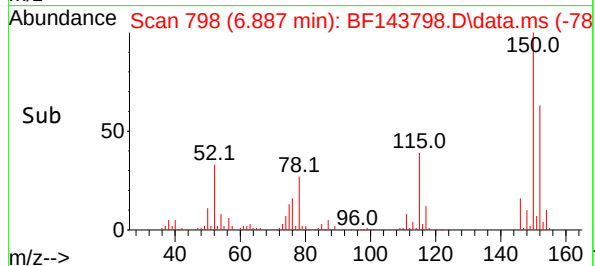
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:152 Resp: 114150
Ion Ratio Lower Upper
152 100
150 159.2 129.6 194.4
115 61.8 49.0 73.4

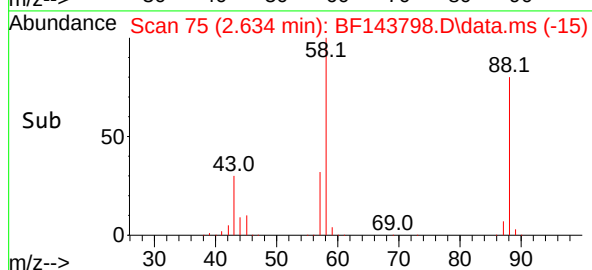
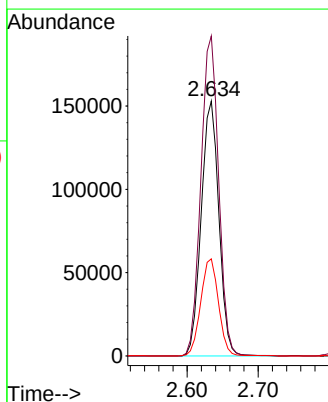
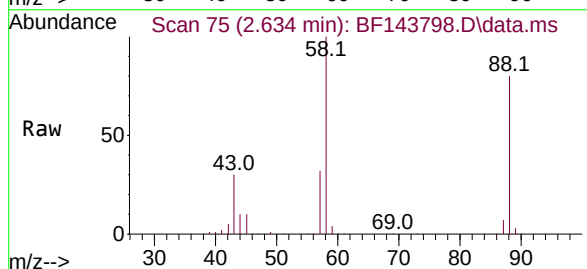
Manual Integrations
APPROVED

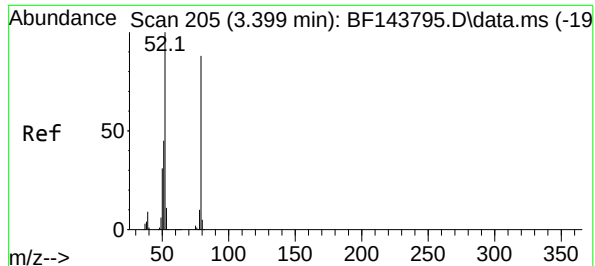
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 78.385 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

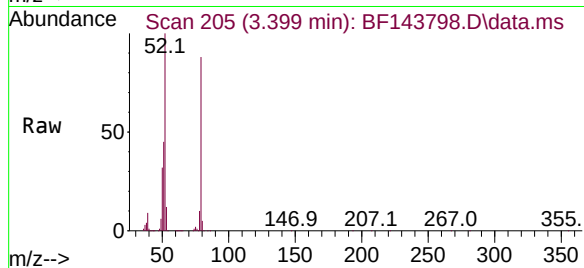
Tgt Ion: 88 Resp: 263600
Ion Ratio Lower Upper
88 100
58 126.1 99.4 149.2
43 38.3 30.6 45.8





#3
Pyridine
Concen: 77.500 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

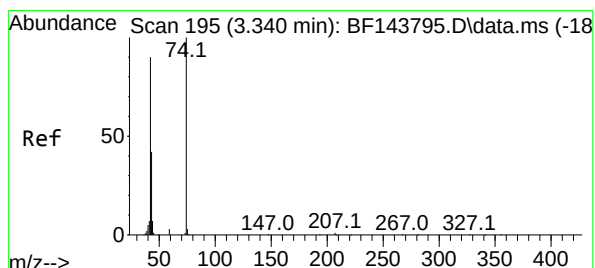
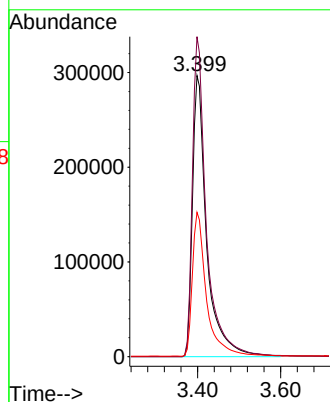
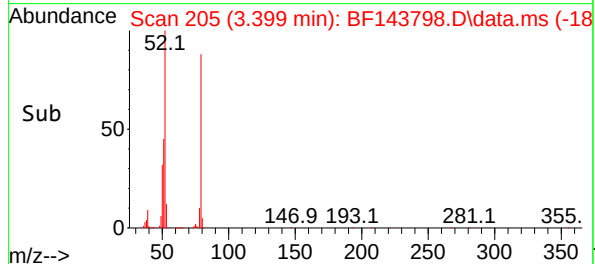
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 703509
Ion Ratio Lower Upper
79 100
52 113.9 90.5 135.7
51 51.3 40.6 61.0

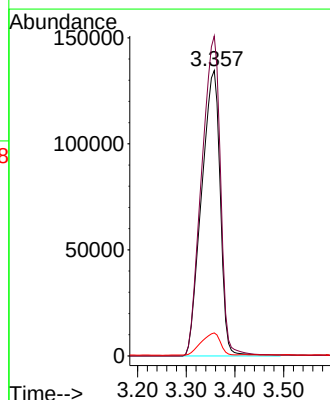
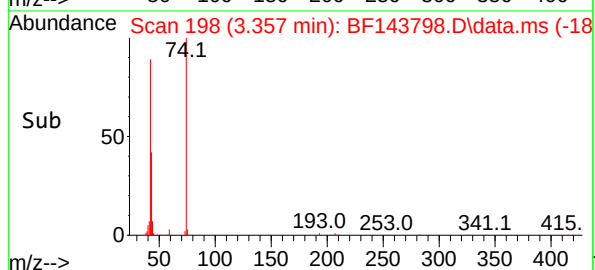
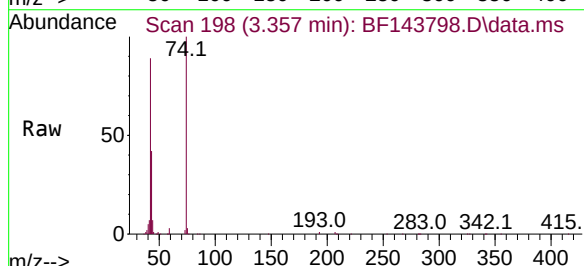
Manual Integrations
APPROVED

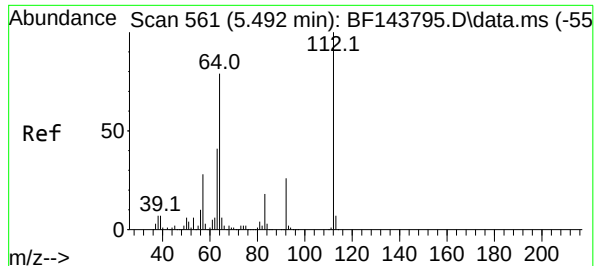
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 78.776 ng
RT: 3.357 min Scan# 198
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 42 Resp: 358564
Ion Ratio Lower Upper
42 100
74 112.1 89.1 133.7
44 8.1 6.4 9.6





#5

2-Fluorophenol

Concen: 144.655 ng

RT: 5.498 min Scan# 50

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:112 Resp: 102602

Ion Ratio Lower Upper

112 100

64 78.9 63.0 94.4

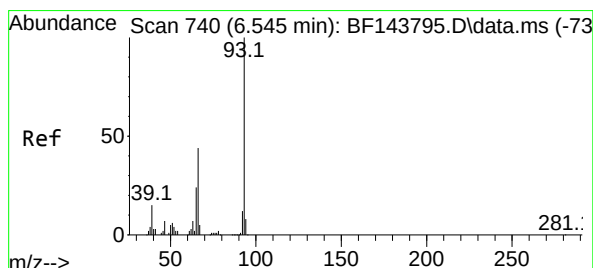
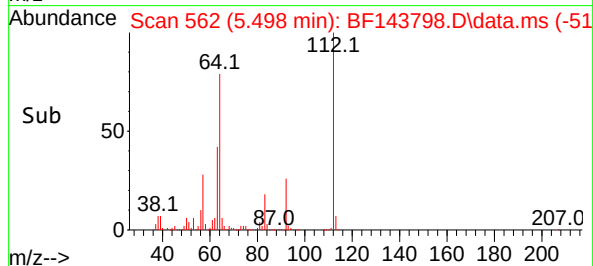
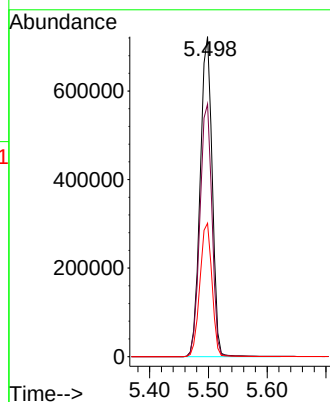
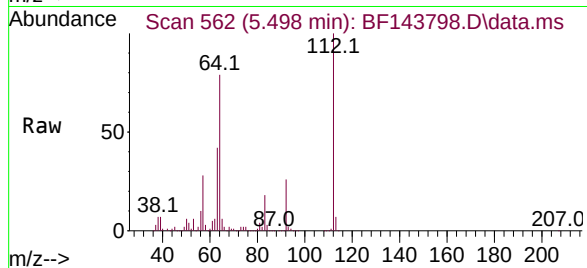
63 41.7 32.6 49.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#6

Aniline

Concen: 70.770 ng

RT: 6.551 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

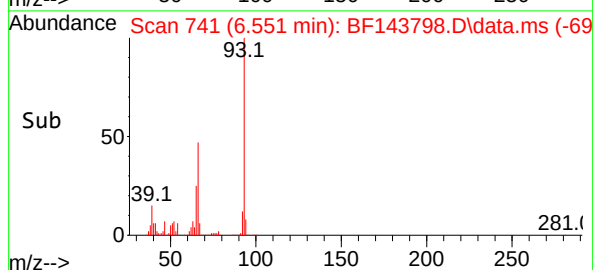
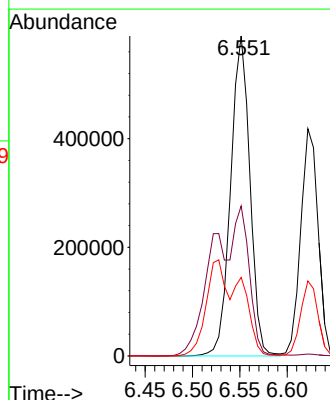
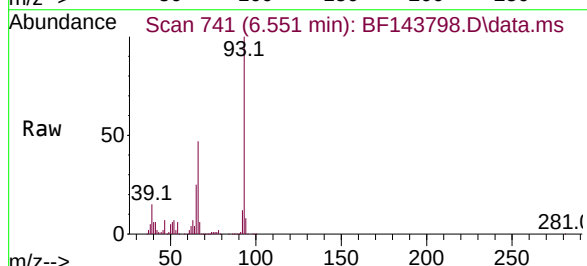
Tgt Ion: 93 Resp: 833840

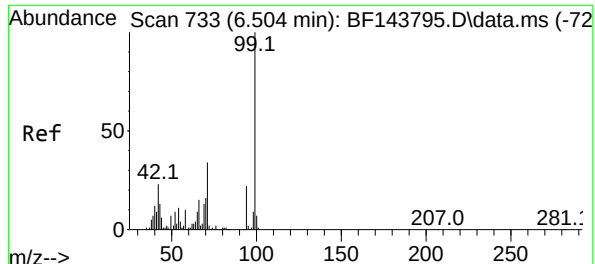
Ion Ratio Lower Upper

93 100

66 46.9 37.1 55.7

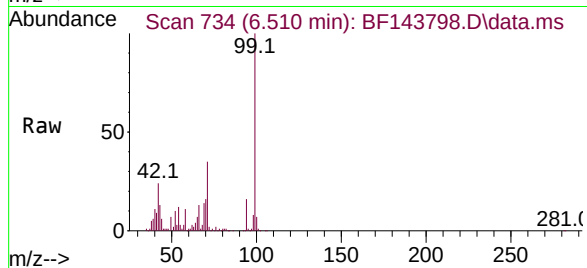
65 24.5 19.4 29.0





#7
Phenol-d6
Concen: 138.192 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

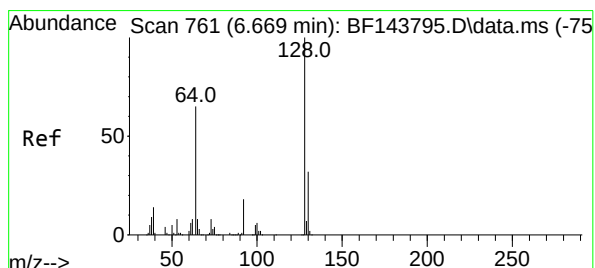
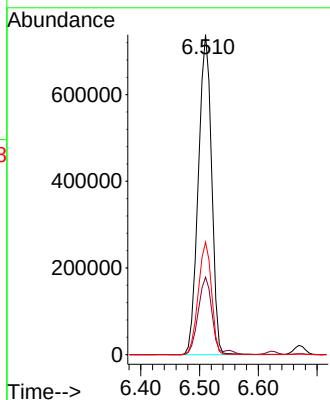
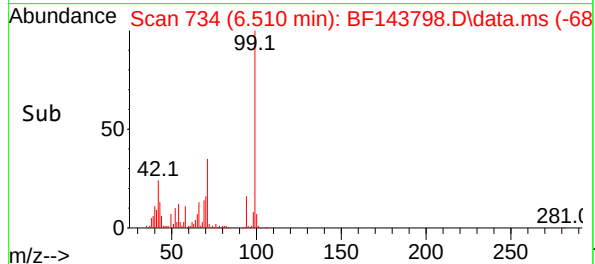
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 99 Resp: 115668
Ion Ratio Lower Upper
99 100
42 24.2 18.6 28.0
71 35.2 27.0 40.4

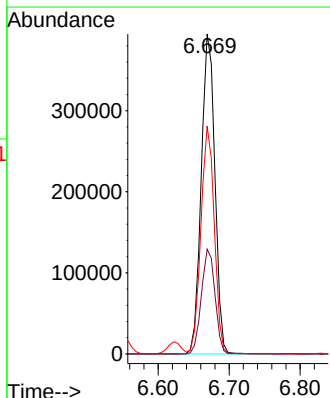
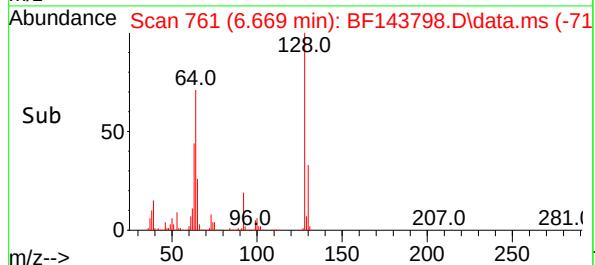
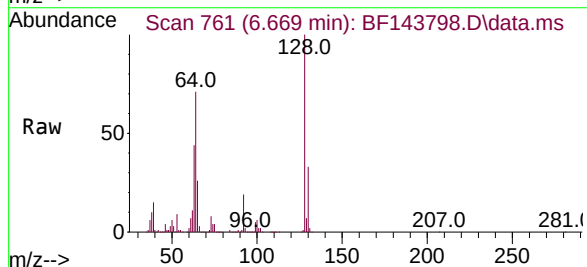
Manual Integrations
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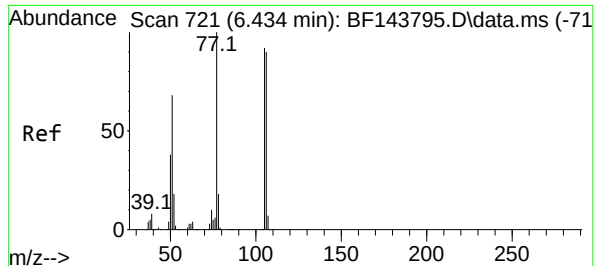
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#8
2-Chlorophenol
Concen: 72.726 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:128 Resp: 523096
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 71.2 46.5 86.5





#9

Benzaldehyde

Concen: 72.121 ng

RT: 6.439 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF143798.D

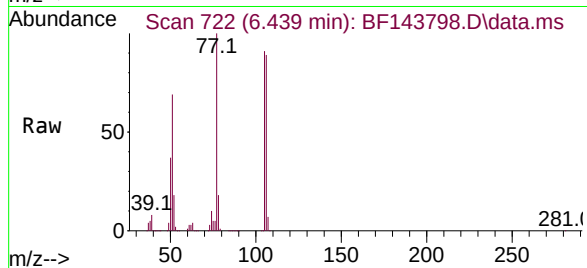
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 77 Resp: 512709

Ion Ratio Lower Upper

77 100

105 91.4 71.8 111.8

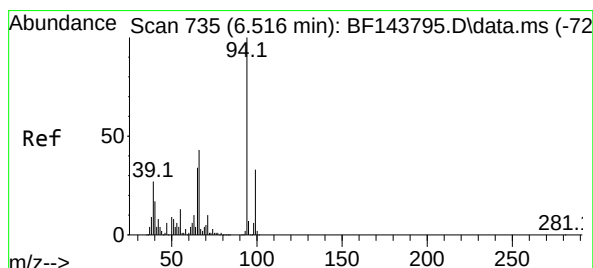
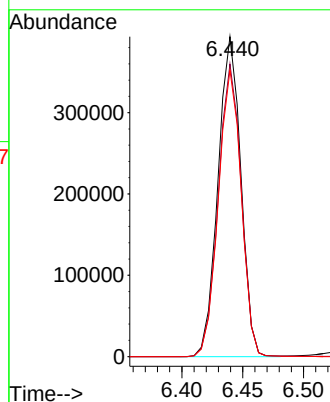
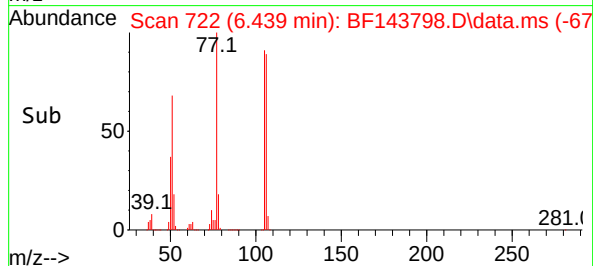
106 89.5 69.8 109.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#10

Phenol

Concen: 70.793 ng m

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

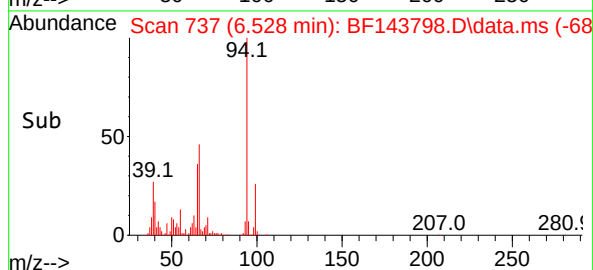
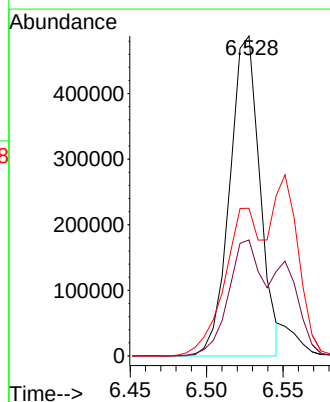
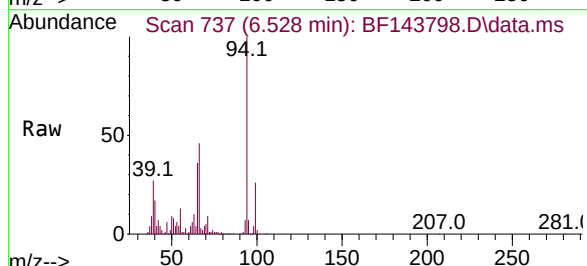
Tgt Ion: 94 Resp: 668000

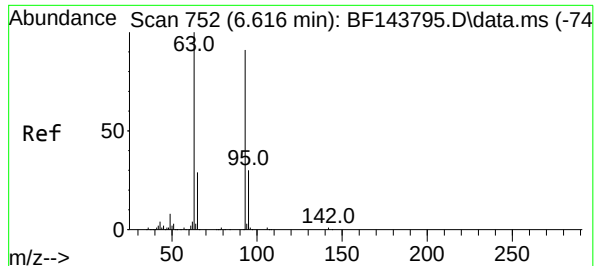
Ion Ratio Lower Upper

94 100

65 36.2 14.2 54.2

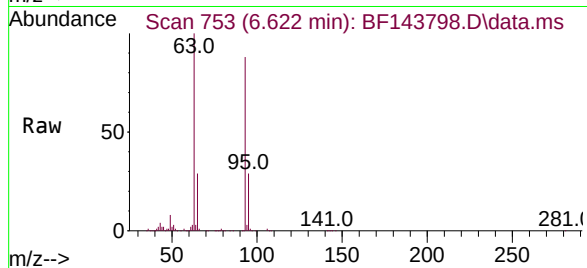
66 46.1 24.1 64.1





#11
bis(2-Chloroethyl)ether
Concen: 71.386 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

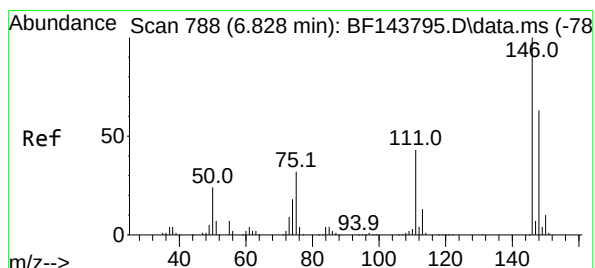
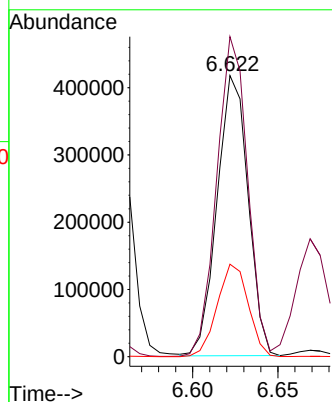
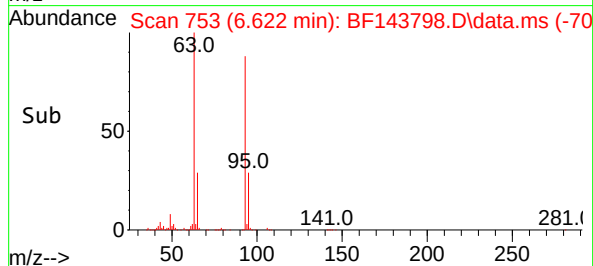
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 93 Resp: 528015
Ion Ratio Lower Upper
93 100
63 113.8 89.2 129.2
95 32.9 12.9 52.9

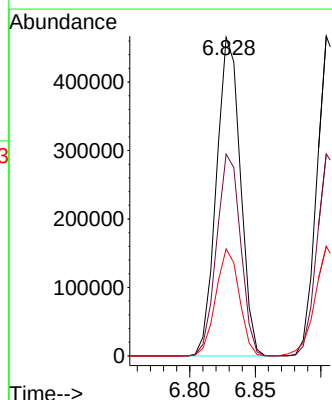
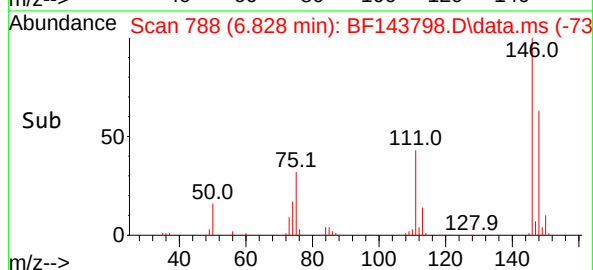
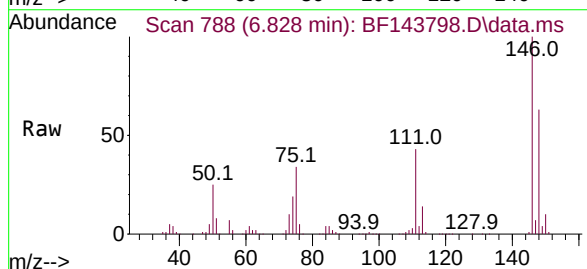
Manual Integrations
APPROVED

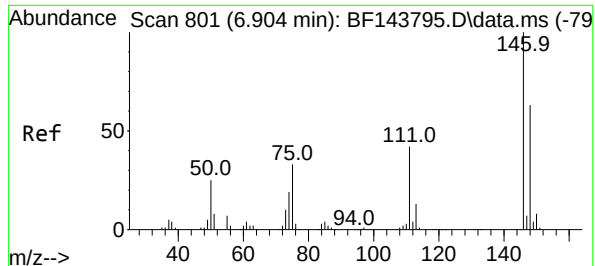
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#12
1,3-Dichlorobenzene
Concen: 70.893 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:146 Resp: 592035
Ion Ratio Lower Upper
146 100
148 63.3 50.4 75.6
75 33.6 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 70.485 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 587436

Ion Ratio Lower Upper

146 100

148 63.1 50.7 76.1

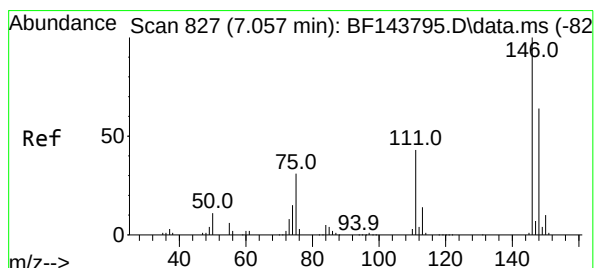
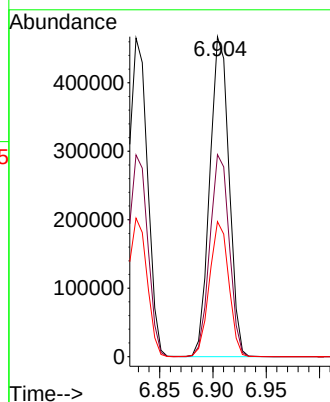
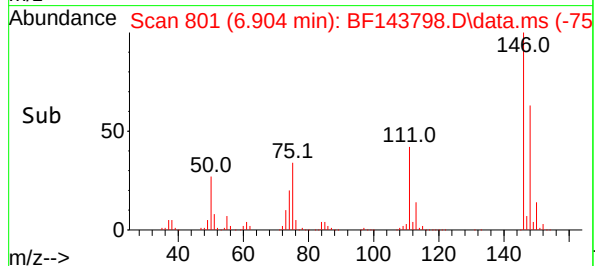
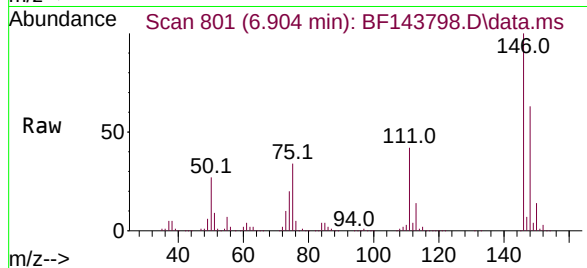
111 42.2 33.4 50.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 70.268 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

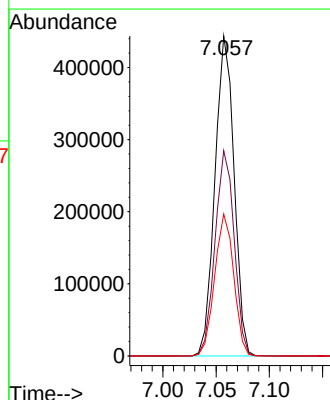
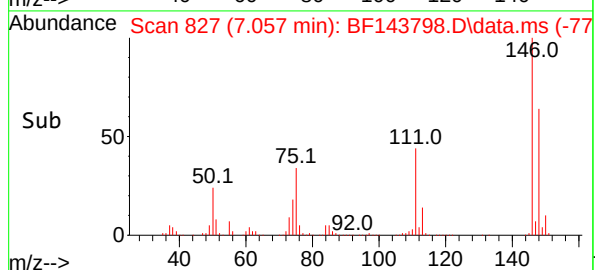
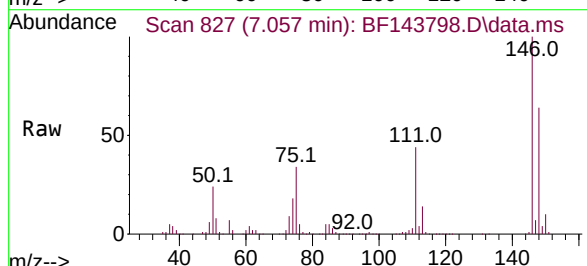
Tgt Ion:146 Resp: 554647

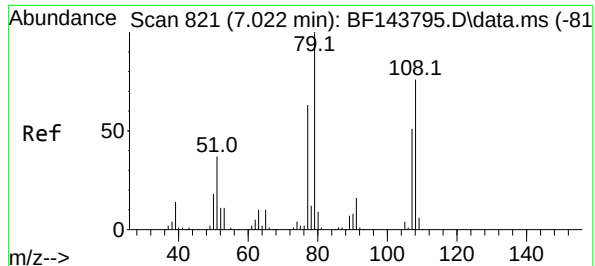
Ion Ratio Lower Upper

146 100

148 64.1 51.1 76.7

111 44.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 72.870 ng

RT: 7.028 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 427439

Ion Ratio Lower Upper

79 100

108 76.4 60.5 90.7

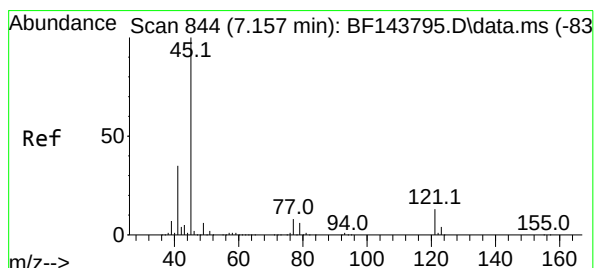
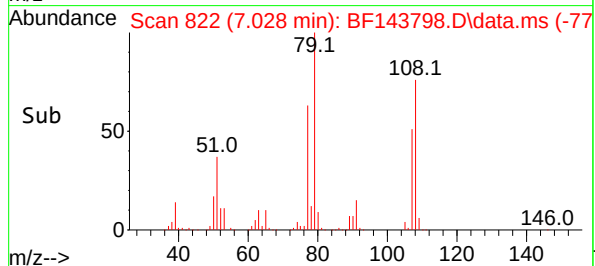
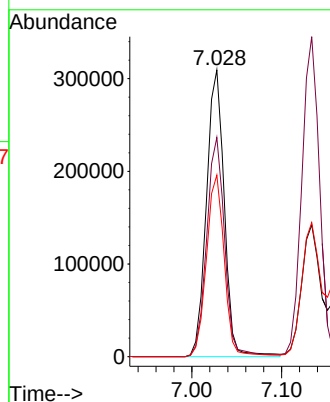
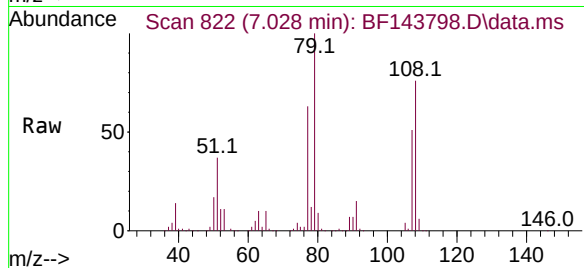
77 63.3 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 71.282 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

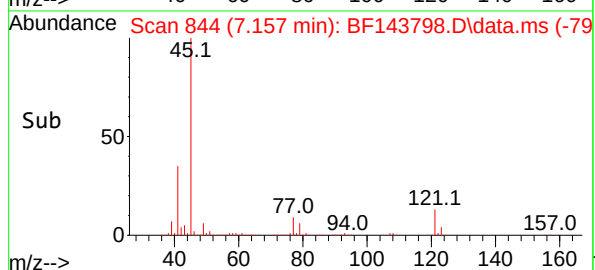
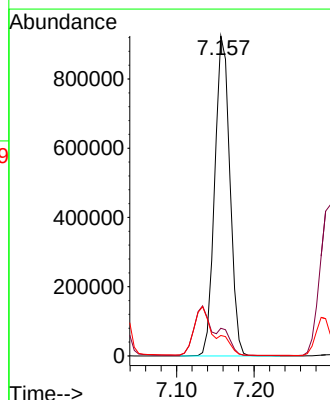
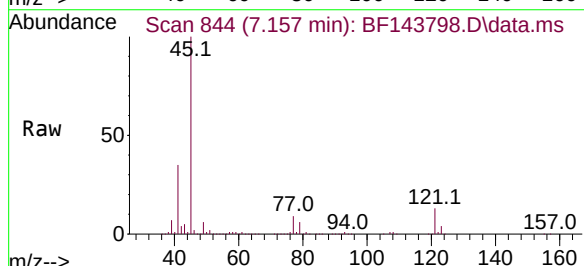
Tgt Ion: 45 Resp: 1250239

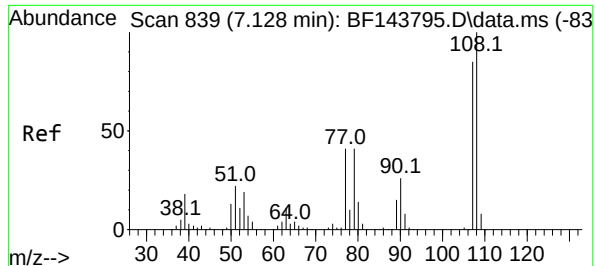
Ion Ratio Lower Upper

45 100

77 8.6 0.0 28.5

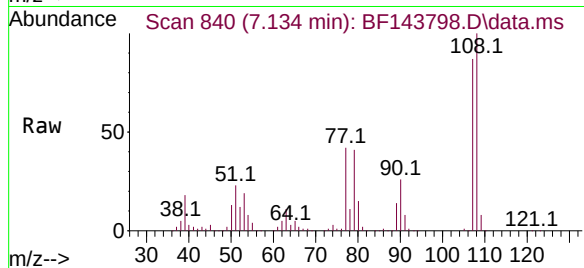
79 6.4 0.0 26.3





#17
2-Methylphenol
Concen: 72.168 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

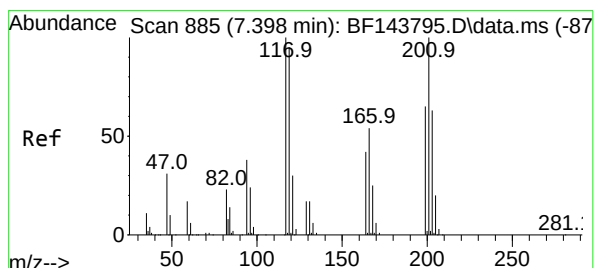
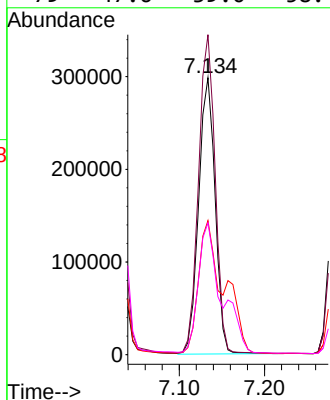
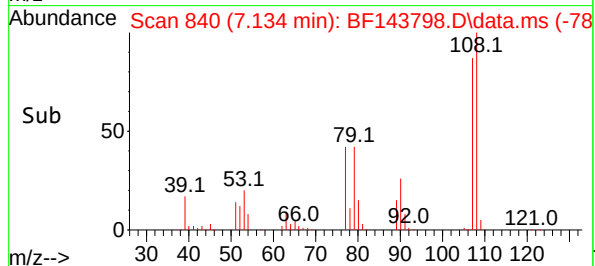
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



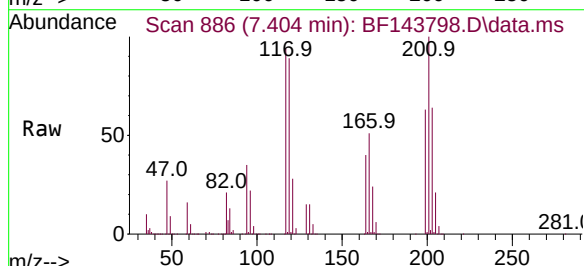
Tgt Ion:107 Resp: 401874
Ion Ratio Lower Upper
107 100
108 115.6 94.2 141.4
77 48.4 38.6 58.0
79 47.6 39.0 58.4

Manual Integrations
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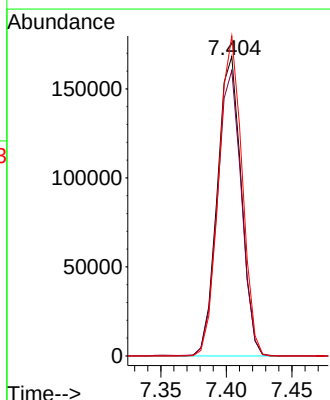
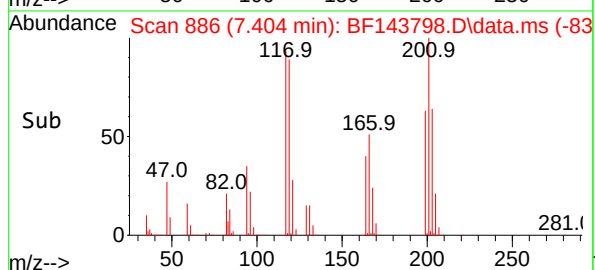
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

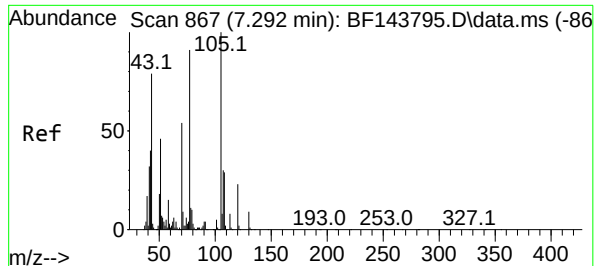


#18
Hexachloroethane
Concen: 72.909 ng
RT: 7.404 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



Tgt Ion:117 Resp: 213691
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.2
201 106.8 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 66.866 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 349063

Ion Ratio Lower Upper

70 100

42 75.3 59.4 89.0

101 8.8 7.1 10.7

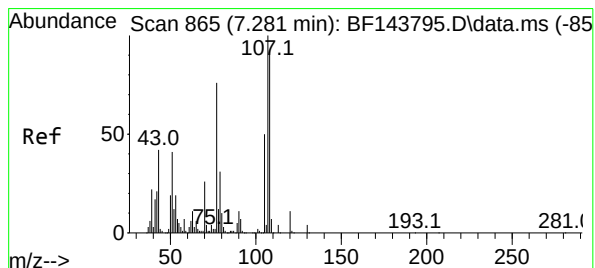
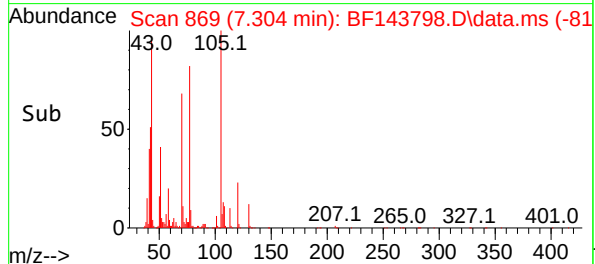
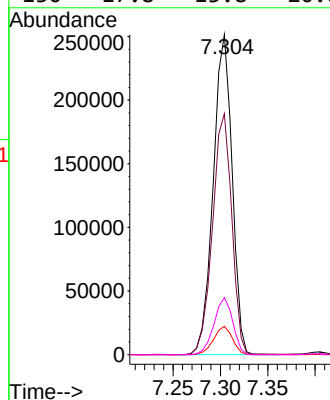
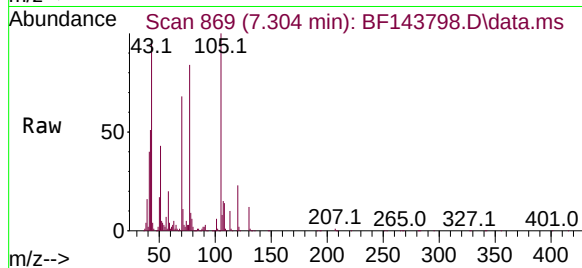
130 17.8 13.8 20.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 68.853 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Tgt Ion:107 Resp: 466916

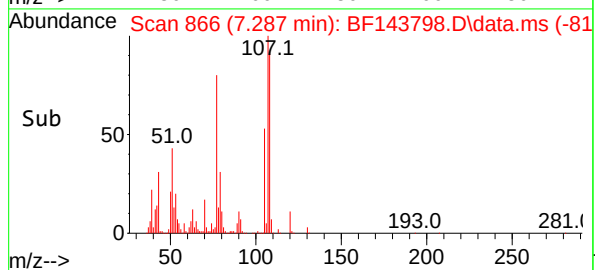
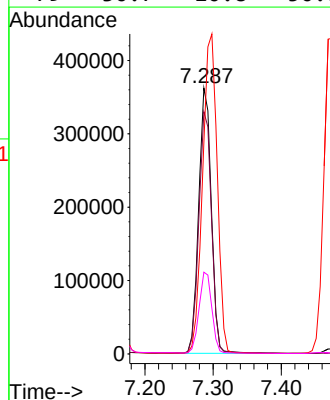
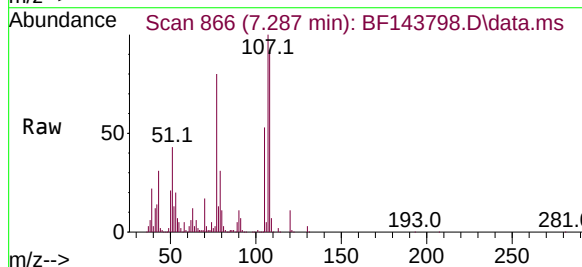
Ion Ratio Lower Upper

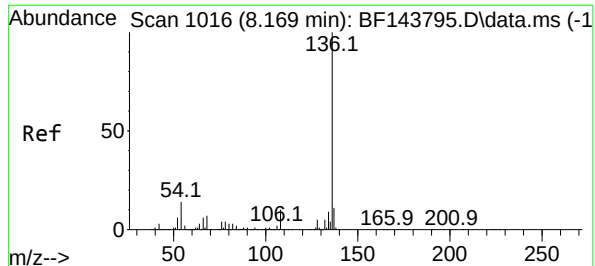
107 100

108 91.1 72.5 112.5

77 79.6 56.2 96.2

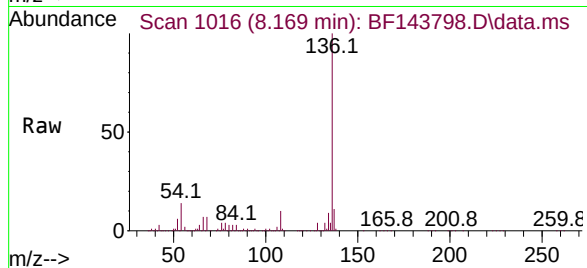
79 30.7 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

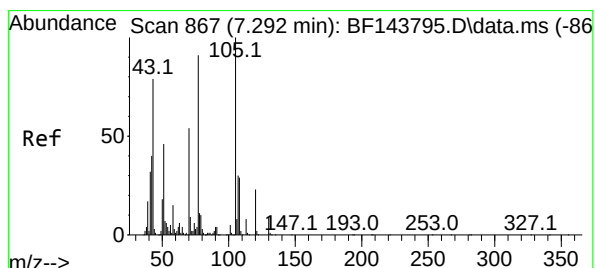
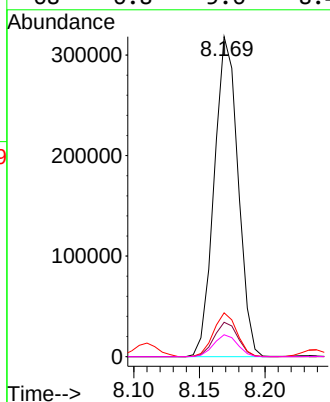
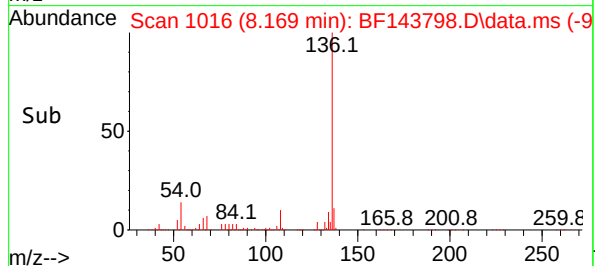
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:136 Resp: 403097
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 13.7 11.2 16.8
68 6.8 5.6 8.4

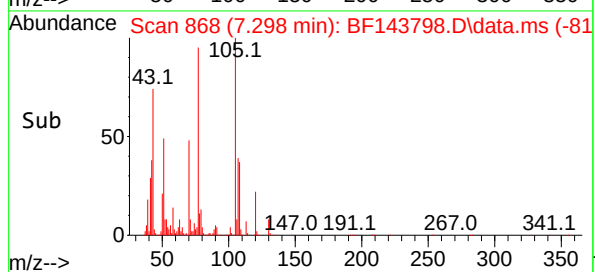
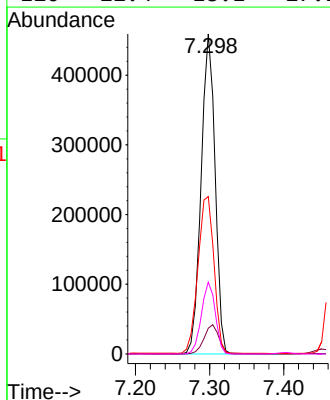
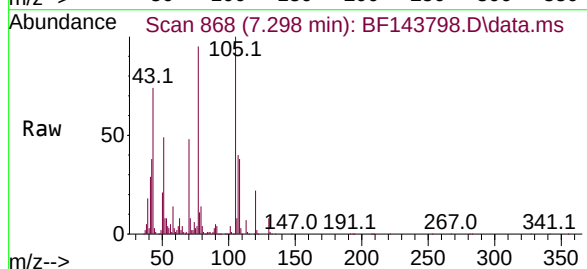
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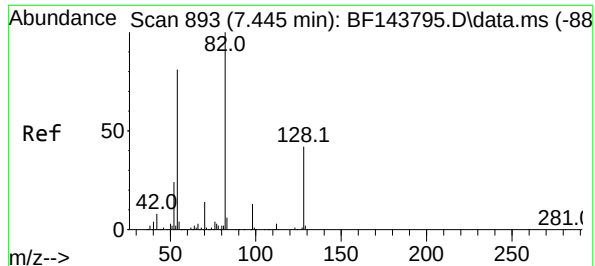
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#22
Acetophenone
Concen: 67.955 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

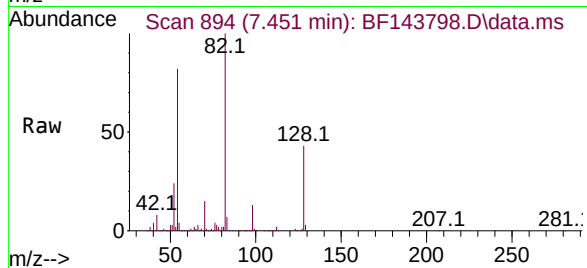
Tgt Ion:105 Resp: 601642
Ion Ratio Lower Upper
105 100
71 8.0 7.0 10.4
51 49.2 36.6 55.0
120 22.4 18.1 27.1





#23
Nitrobenzene-d5
Concen: 154.839 ng
RT: 7.451 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

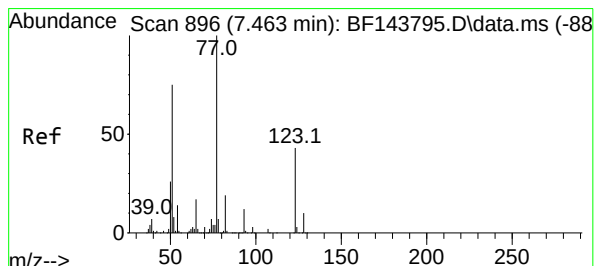
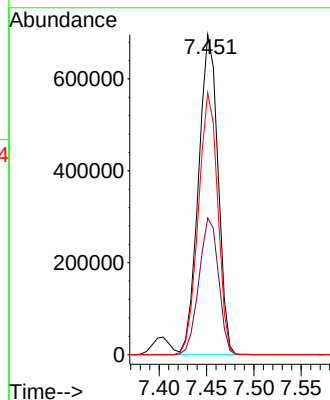
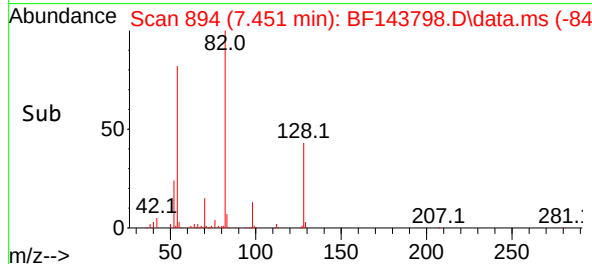
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 991785
Ion Ratio Lower Upper
82 100
128 42.7 33.3 49.9
54 81.8 64.2 96.4

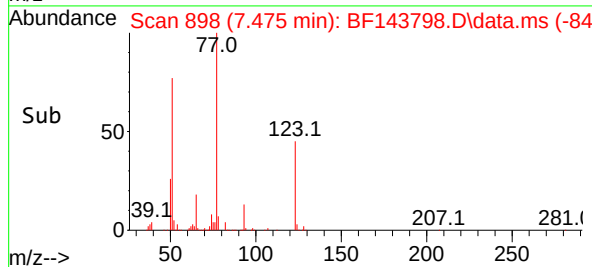
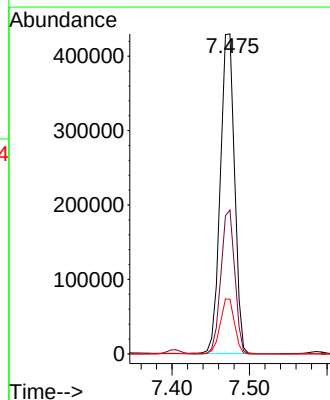
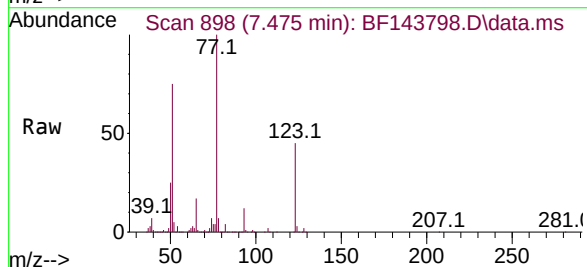
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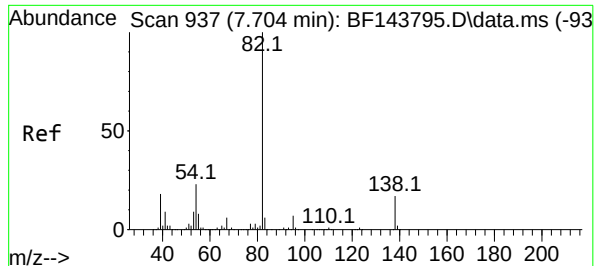
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#24
Nitrobenzene
Concen: 75.655 ng
RT: 7.475 min Scan# 898
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 77 Resp: 552229
Ion Ratio Lower Upper
77 100
123 45.0 34.0 51.0
65 17.1 13.5 20.3





#25

Isophorone

Concen: 72.232 ng

RT: 7.710 min Scan# 937

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 926928

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

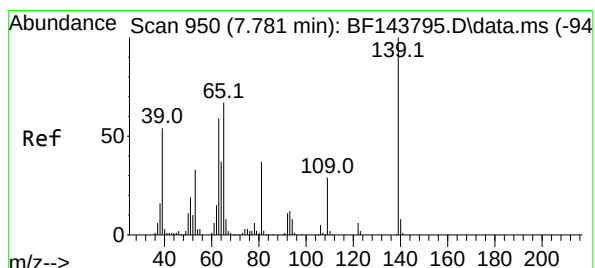
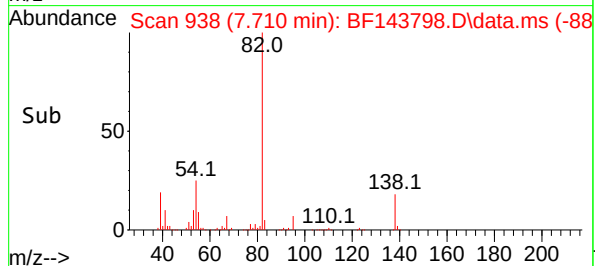
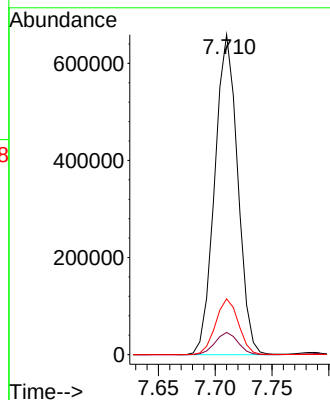
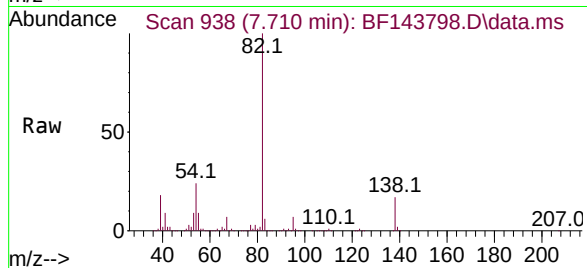
138 17.5 13.7 20.5

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#26

2-Nitrophenol

Concen: 78.881 ng

RT: 7.786 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

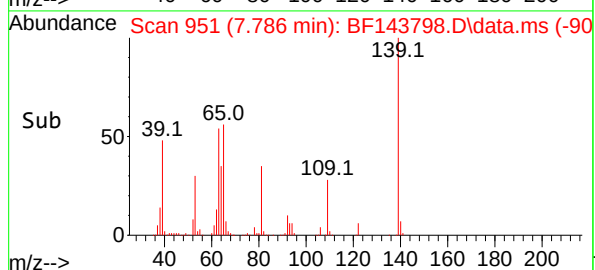
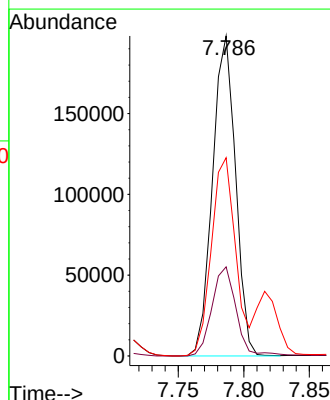
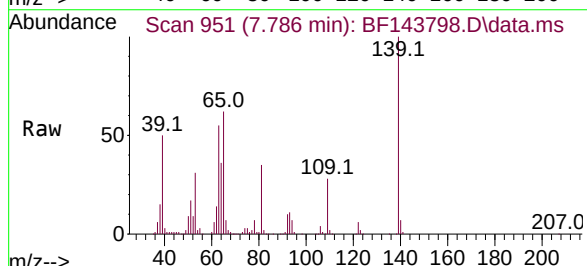
Tgt Ion:139 Resp: 241928

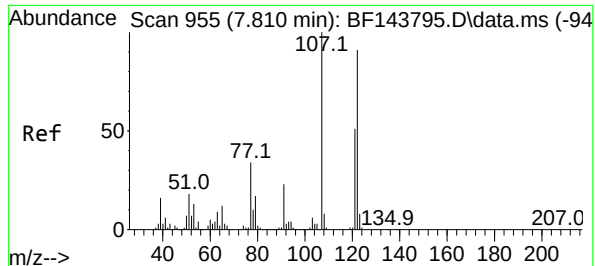
Ion Ratio Lower Upper

139 100

109 27.8 23.3 34.9

65 61.9 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 73.324 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 420564

Ion Ratio Lower Upper

122 100

107 110.3 87.5 131.3

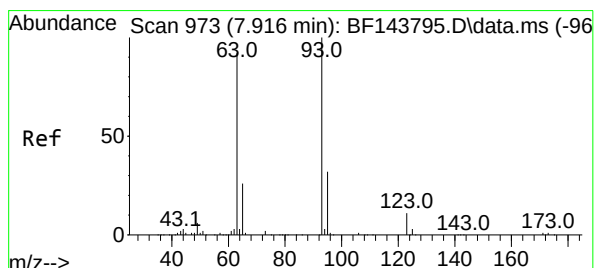
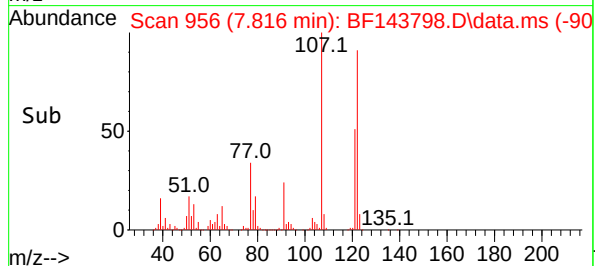
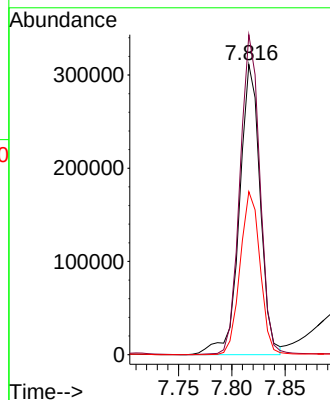
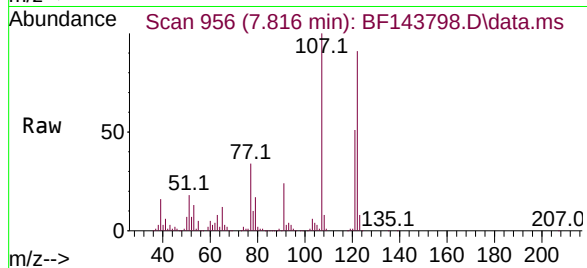
121 56.1 44.2 66.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#28

bis(2-Chloroethoxy)methane

Concen: 69.544 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

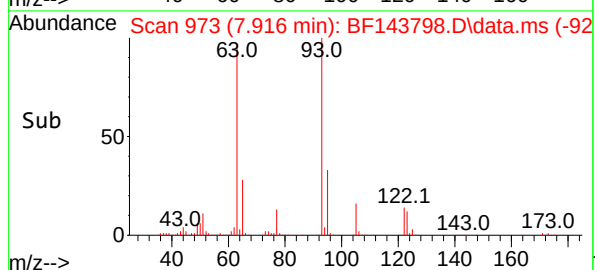
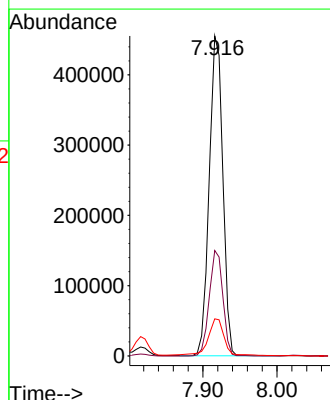
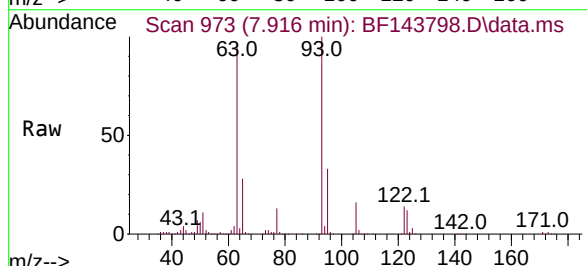
Tgt Ion: 93 Resp: 579809

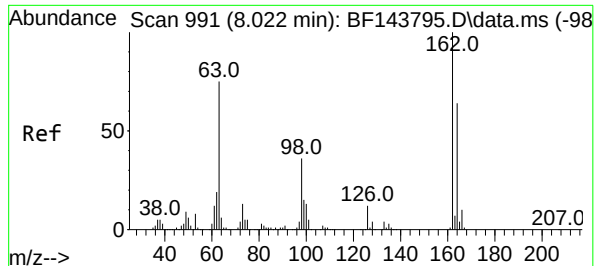
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

123 11.6 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 74.200 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 418769

Ion Ratio Lower Upper

162 100

164 63.2 44.1 84.1

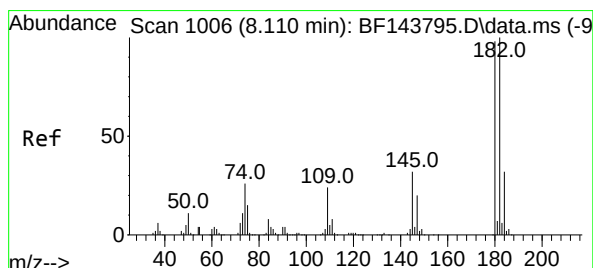
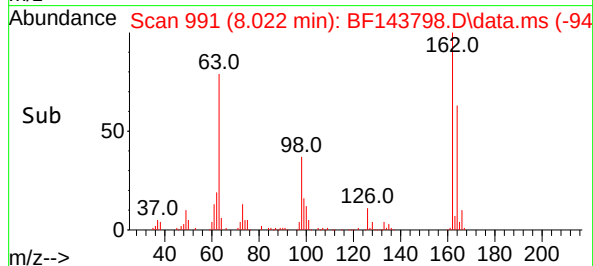
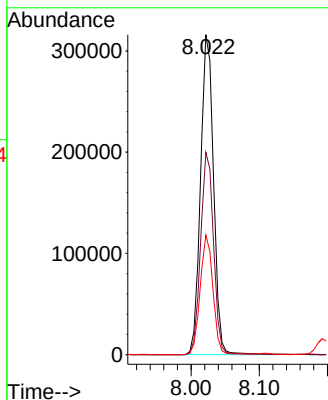
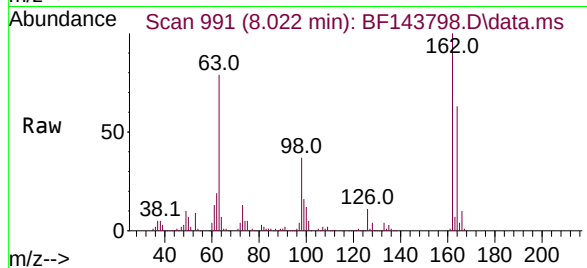
98 37.3 15.8 55.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 72.784 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

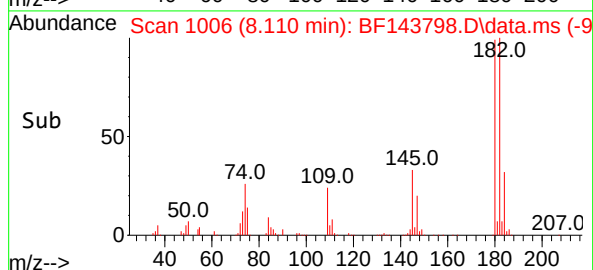
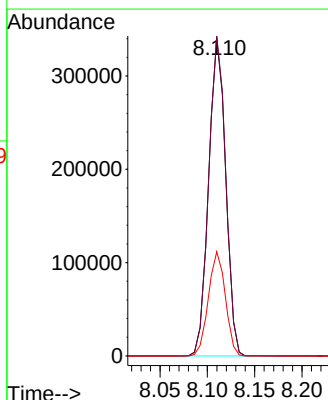
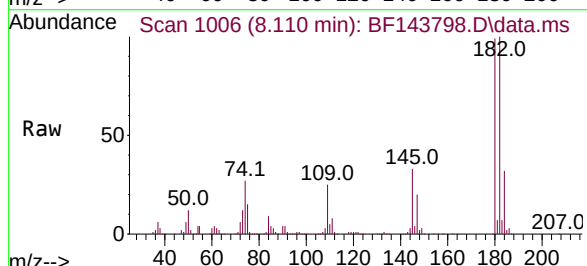
Tgt Ion:180 Resp: 426294

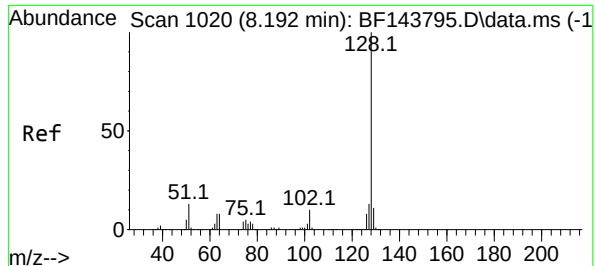
Ion Ratio Lower Upper

180 100

182 100.7 82.0 123.0

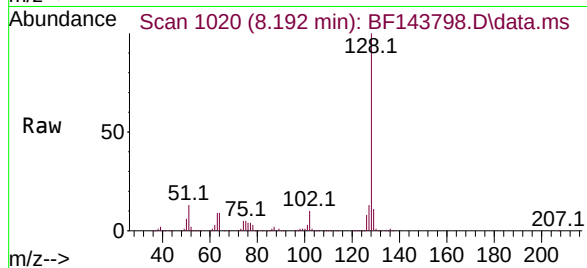
145 32.8 25.9 38.9





#31
Naphthalene
Concen: 68.985 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

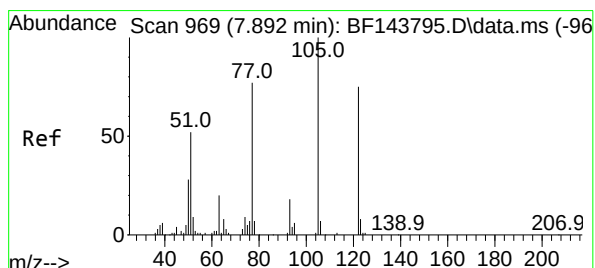
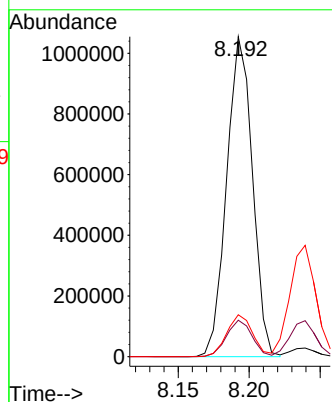
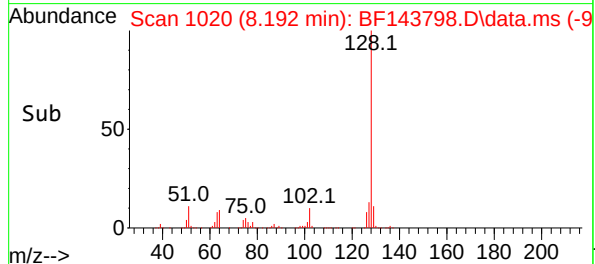
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:128 Resp: 1331192
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.1 10.2 15.4

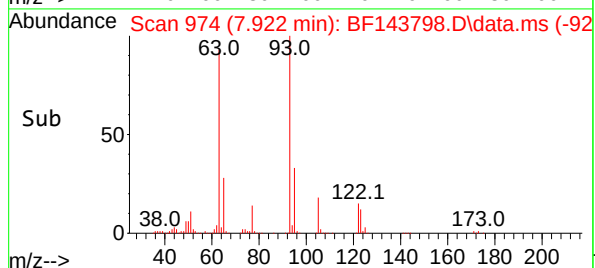
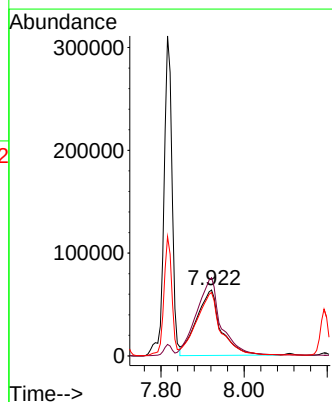
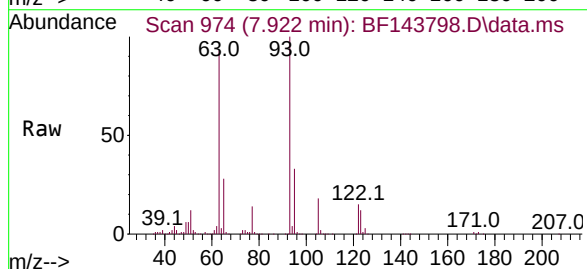
Manual Integrations
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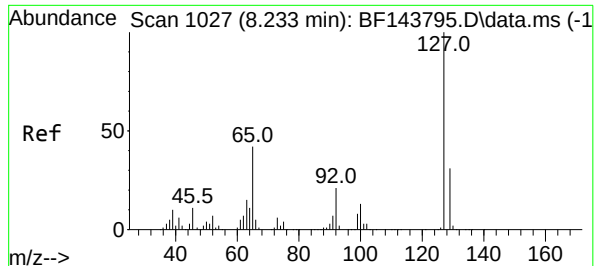
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#32
Benzoic acid
Concen: 93.800 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

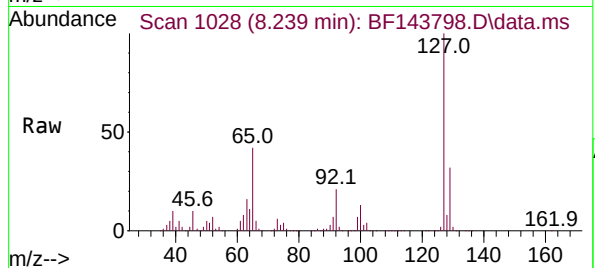
Tgt Ion:122 Resp: 259578
Ion Ratio Lower Upper
122 100
105 118.7 103.7 143.7
77 96.1 78.8 118.8





#33
4-Chloroaniline
Concen: 70.124 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

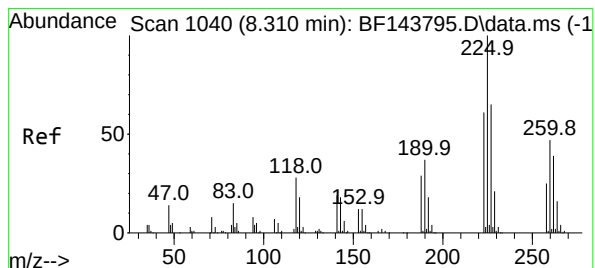
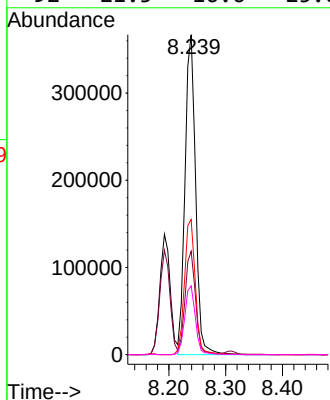
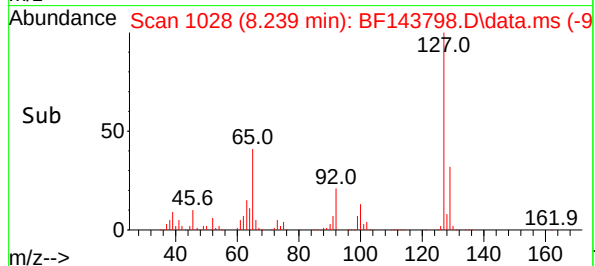
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



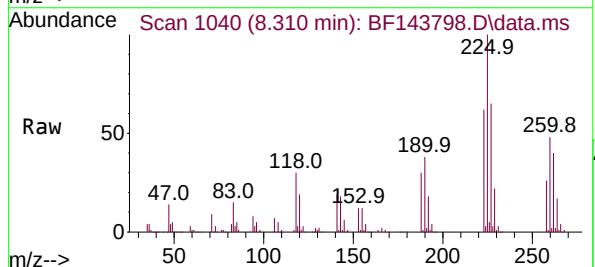
Tgt Ion:127 Resp: 475524
Ion Ratio Lower Upper
127 100
129 32.3 25.4 38.2
65 42.2 33.4 50.2
92 21.5 16.6 25.0

Manual Integrations
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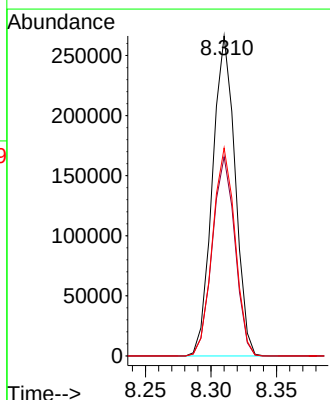
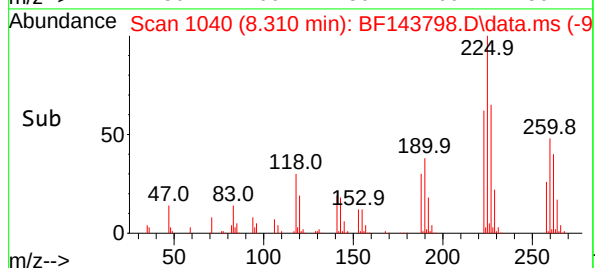
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

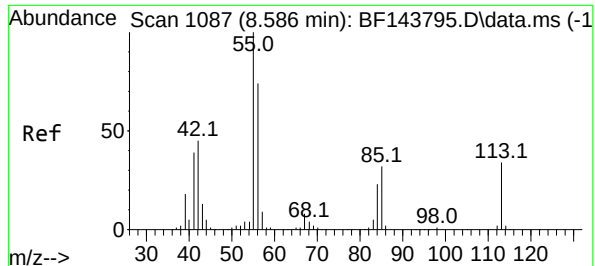


#34
Hexachlorobutadiene
Concen: 73.390 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



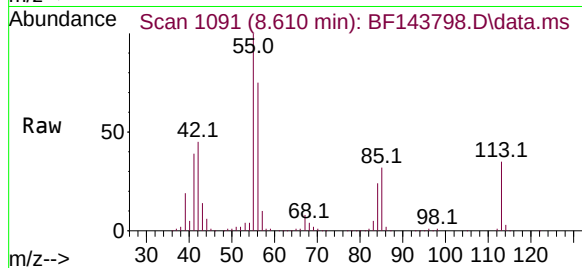
Tgt Ion:225 Resp: 320435
Ion Ratio Lower Upper
225 100
223 62.2 48.6 72.8
227 65.0 51.9 77.9





#35
Caprolactam
Concen: 78.007 ng
RT: 8.610 min Scan# 1087
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

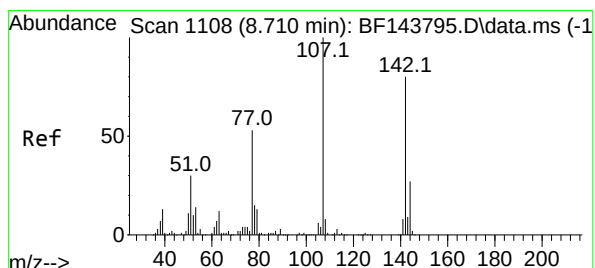
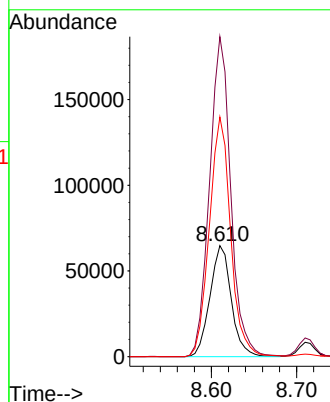
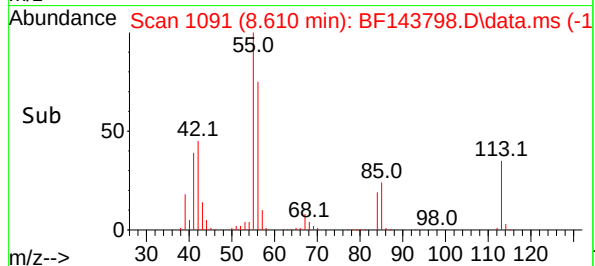
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 112528
Ion Ratio Lower Upper
113 100
55 288.2 271.7 311.7
56 215.8 194.5 234.5

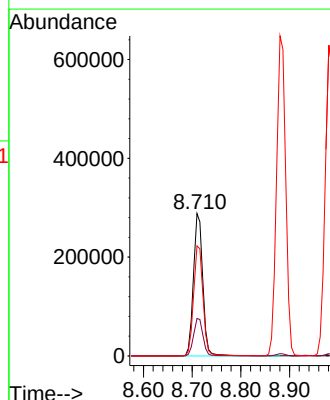
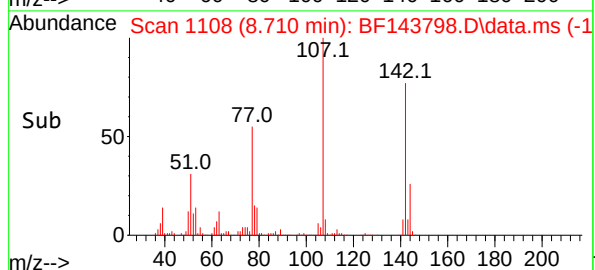
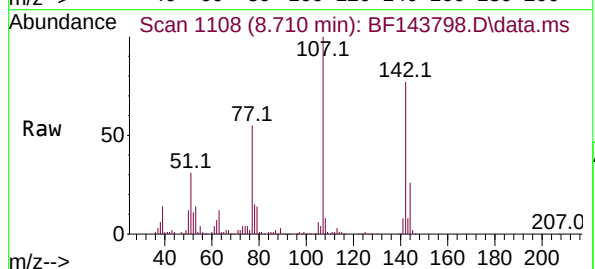
Manual Integrations
APPROVED

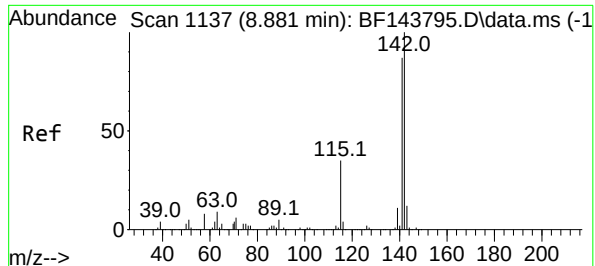
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#36
4-Chloro-3-methylphenol
Concen: 72.398 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:107 Resp: 383212
Ion Ratio Lower Upper
107 100
144 26.3 21.8 32.8
142 77.3 63.6 95.4





#37

2-Methylnaphthalene

Concen: 68.255 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:142 Resp: 839849

Ion Ratio Lower Upper

142 100

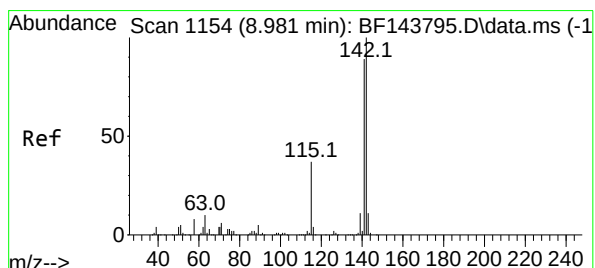
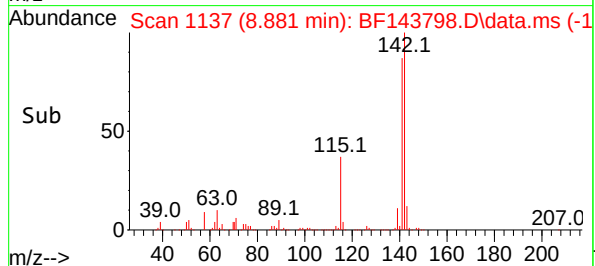
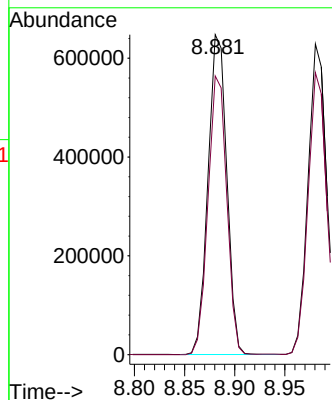
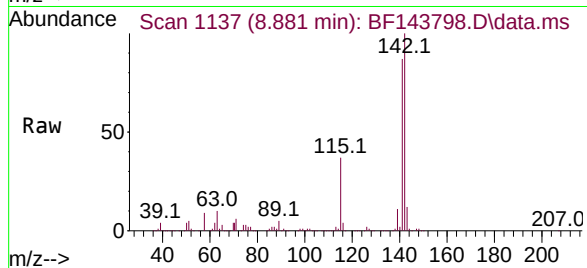
141 87.1 69.4 104.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#38

1-Methylnaphthalene

Concen: 67.842 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143798.D

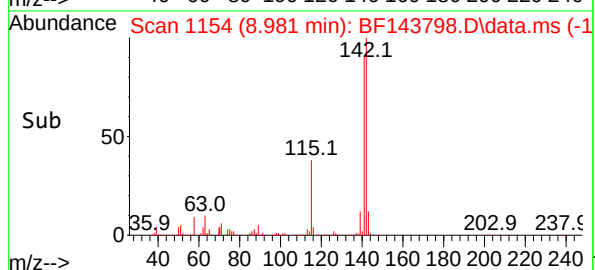
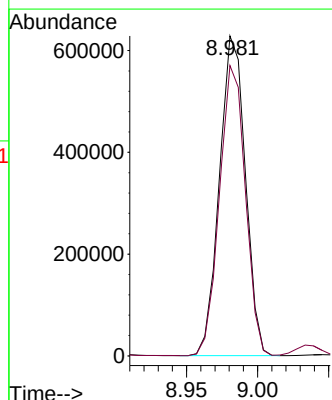
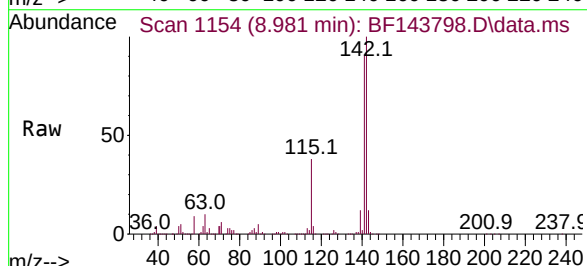
Acq: 23 Sep 2025 15:27

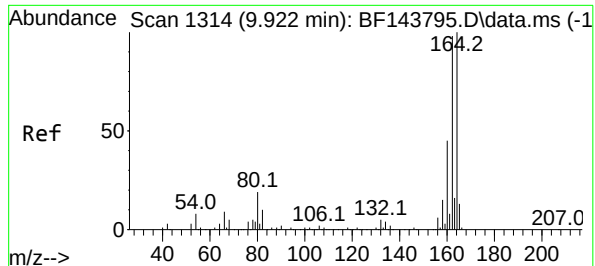
Tgt Ion:142 Resp: 799000

Ion Ratio Lower Upper

142 100

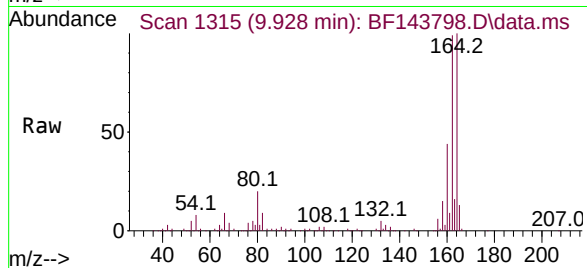
141 90.7 71.1 106.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

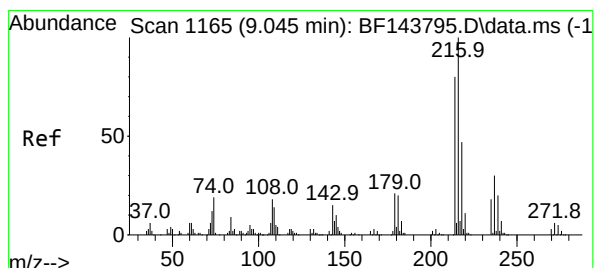
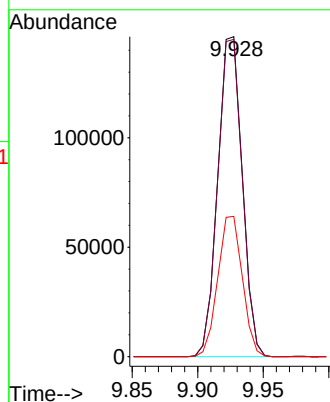
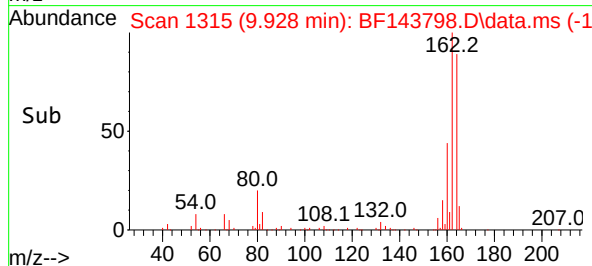
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:164 Resp: 191047
Ion Ratio Lower Upper
164 100
162 99.1 78.8 118.2
160 43.8 35.8 53.6

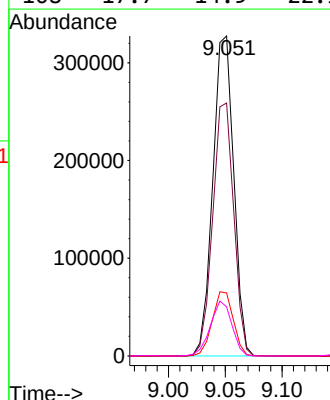
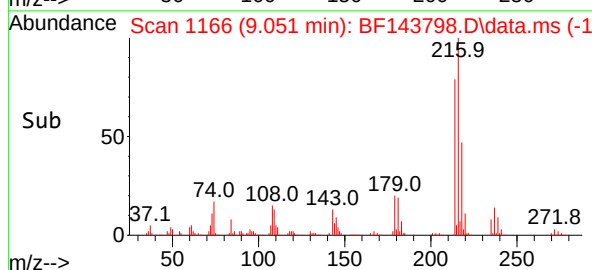
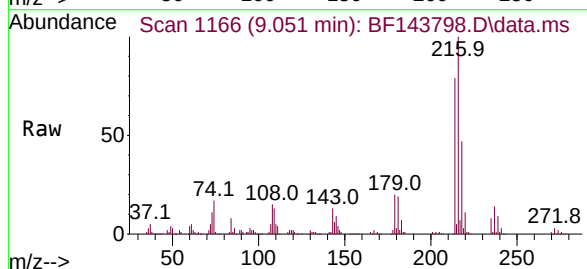
Manual Integrations
APPROVED

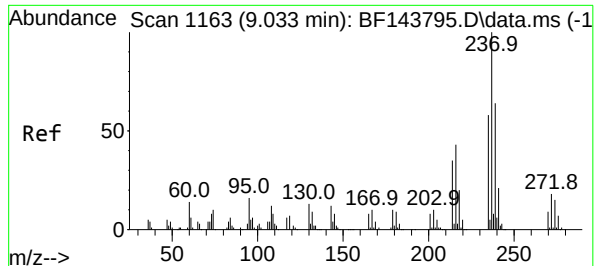
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 72.811 ng
RT: 9.051 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

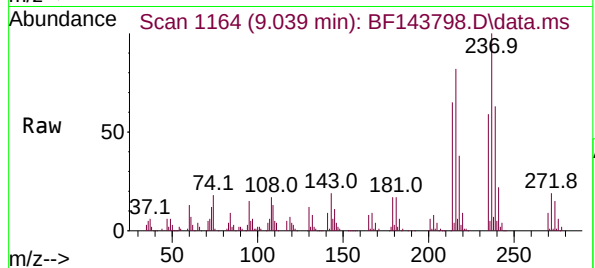
Tgt Ion:216 Resp: 419788
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 20.0 16.5 24.7
108 17.7 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 80.945 ng
RT: 9.039 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

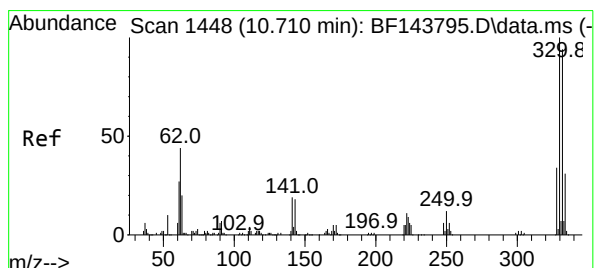
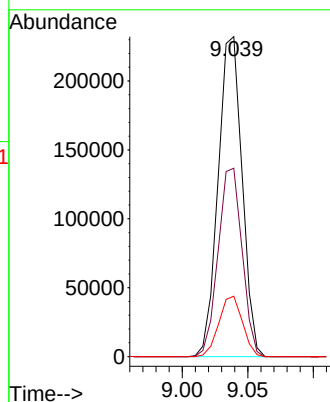
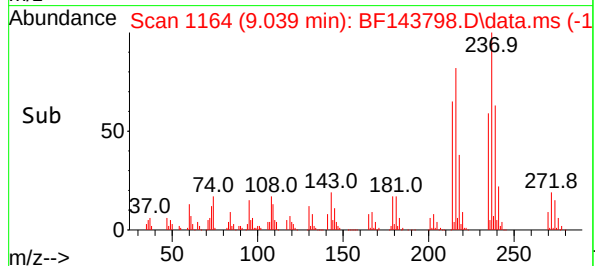
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



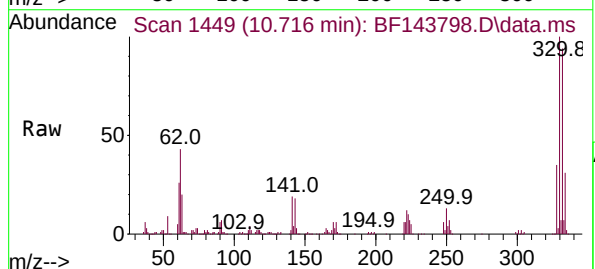
Tgt Ion: 237 Resp: 295776
Ion Ratio Lower Upper
237 100
235 58.9 38.1 78.1
272 18.9 0.0 37.9

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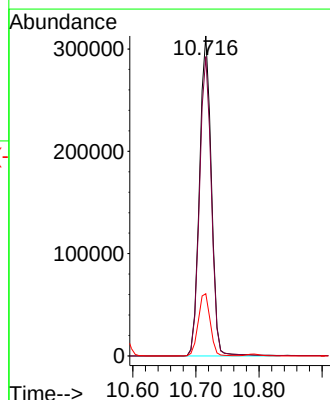
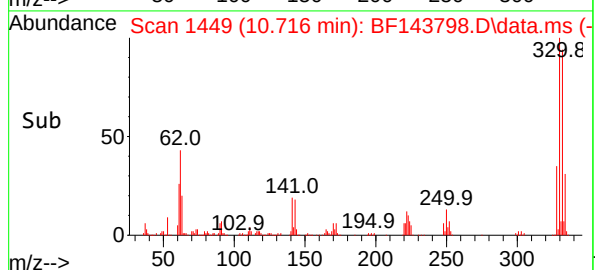
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

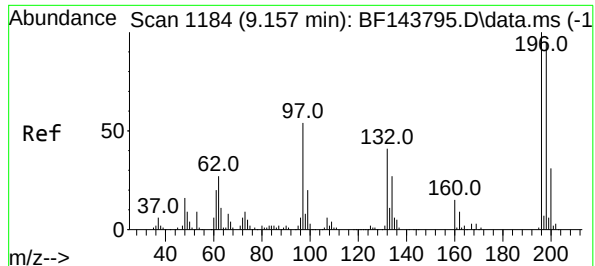


#42
2,4,6-Tribromophenol
Concen: 149.081 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



Tgt Ion: 330 Resp: 406469
Ion Ratio Lower Upper
330 100
332 94.3 74.7 112.1
141 19.7 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 77.279 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143798.D

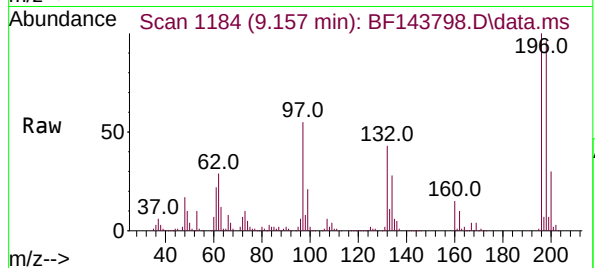
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 278988

Ion Ratio Lower Upper

196 100

198 96.3 76.2 114.2

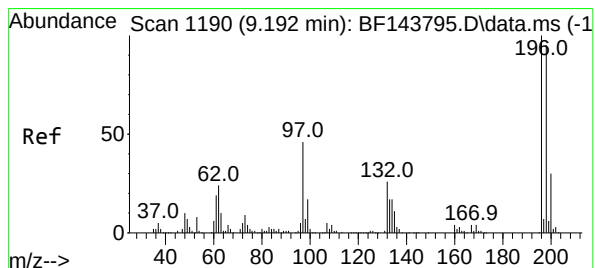
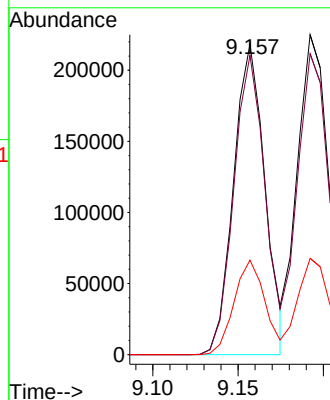
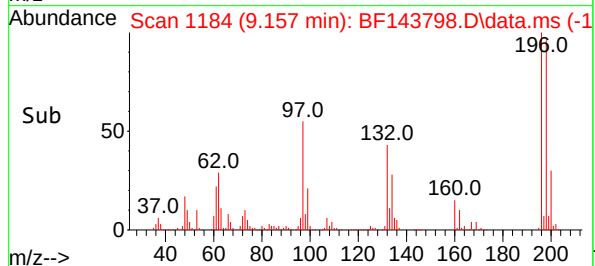
200 30.4 24.7 37.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

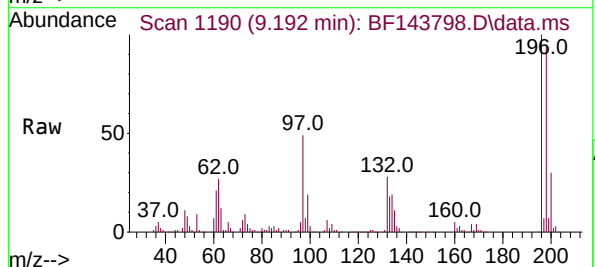
Concen: 77.179 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27



Tgt Ion:196 Resp: 291440

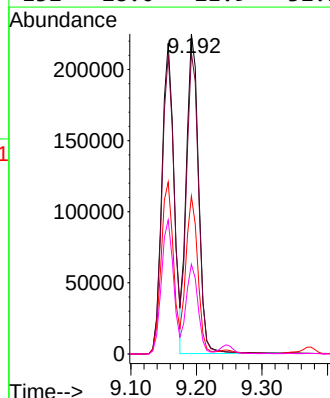
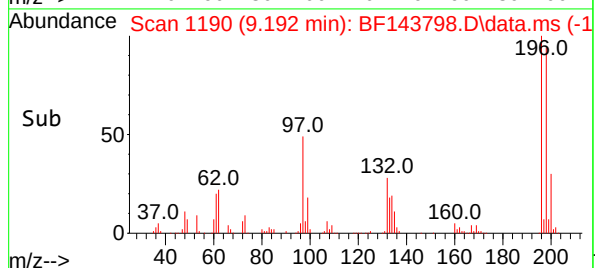
Ion Ratio Lower Upper

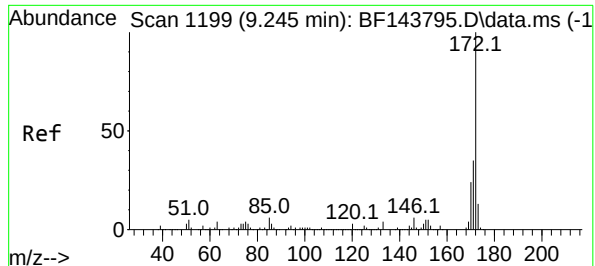
196 100

198 94.0 75.9 113.9

97 49.3 38.3 57.5

132 28.0 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 129.595 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143798.D

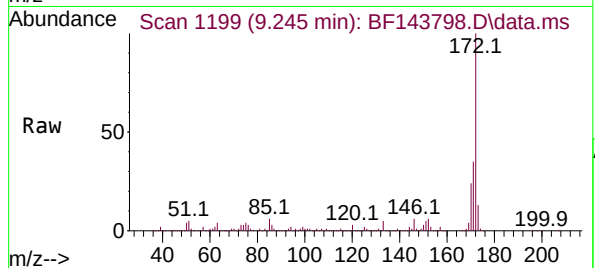
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:172 Resp: 1675409

Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

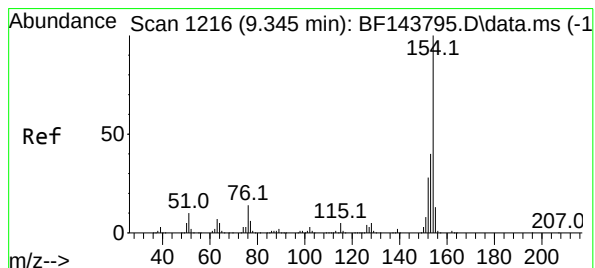
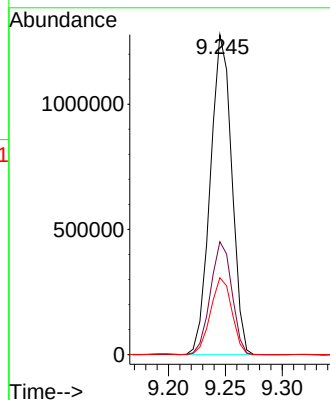
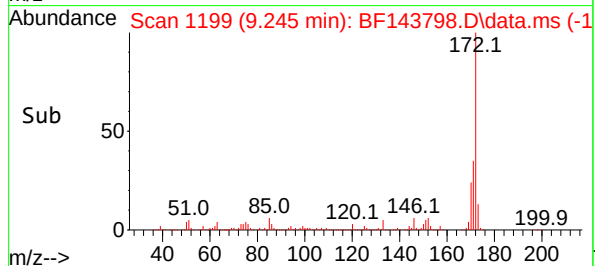
170 24.0 19.1 28.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#46

1,1'-Biphenyl

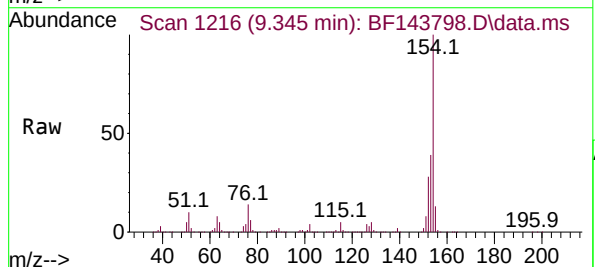
Concen: 70.127 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27



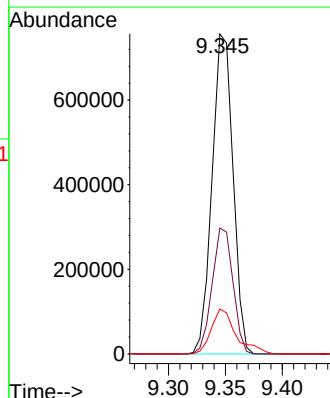
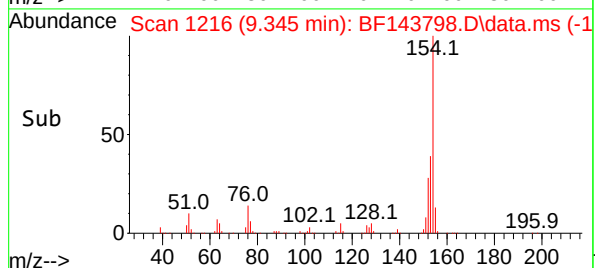
Tgt Ion:154 Resp: 969811

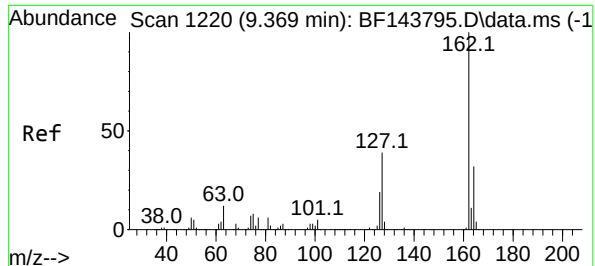
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 14.0 0.0 33.8





#47

2-Chloronaphthalene

Concen: 71.150 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:162 Resp: 792043

Ion Ratio Lower Upper

162 100

127 39.2 31.5 47.3

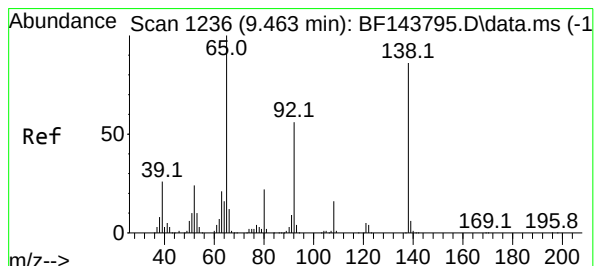
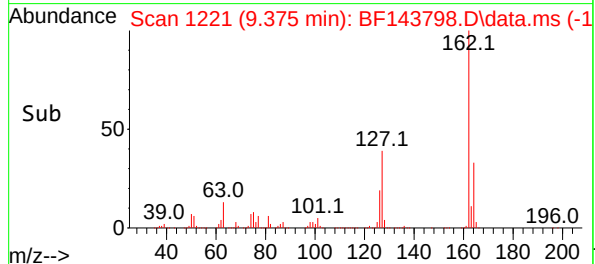
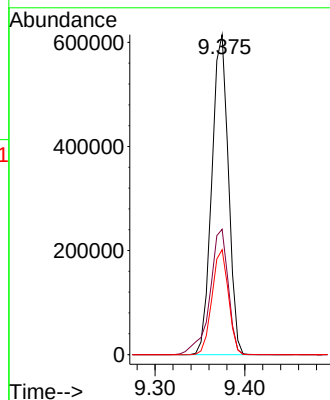
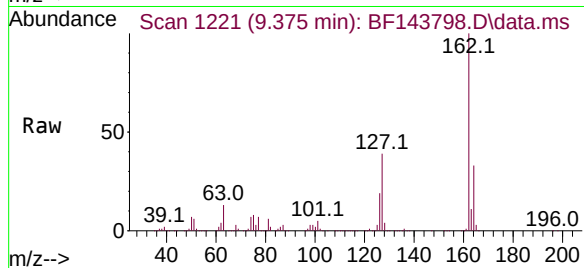
164 32.8 25.9 38.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 87.616 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

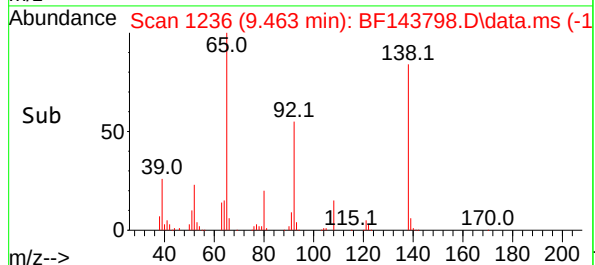
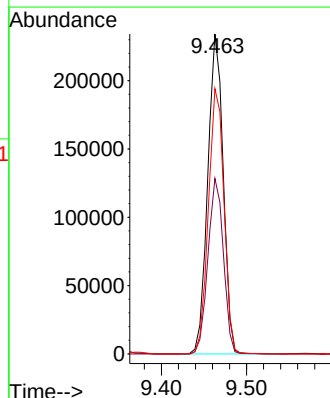
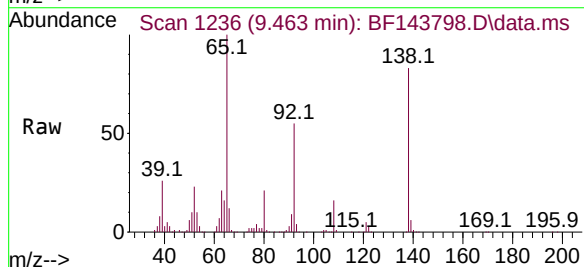
Tgt Ion: 65 Resp: 294783

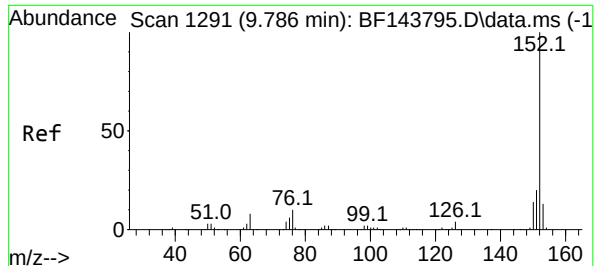
Ion Ratio Lower Upper

65 100

92 54.8 44.9 67.3

138 82.9 69.0 103.4





#49

Acenaphthylene

Concen: 71.813 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143798.D

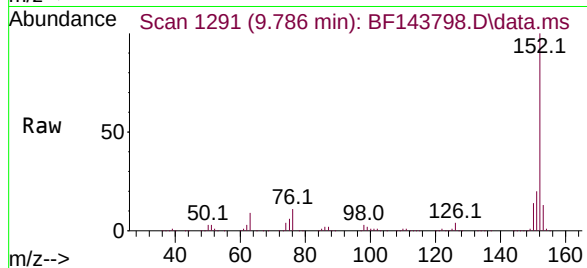
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:152 Resp: 1100520

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

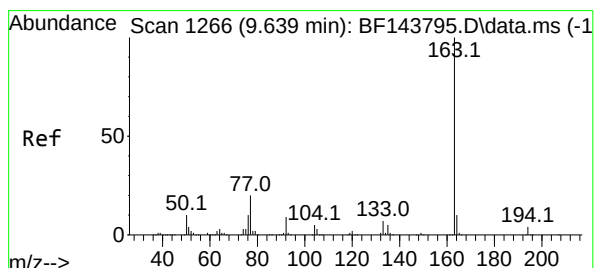
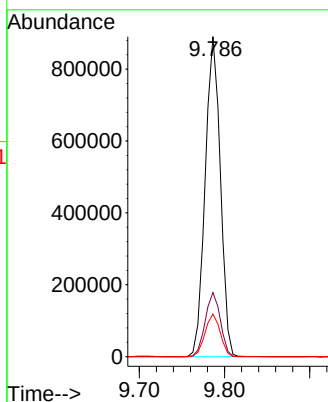
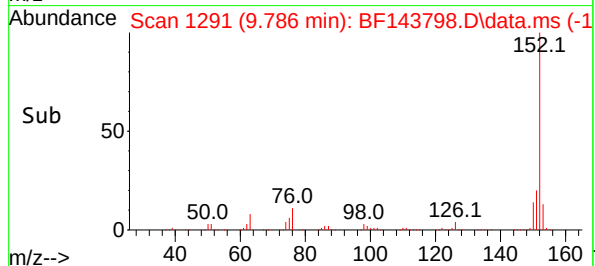
153 13.3 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

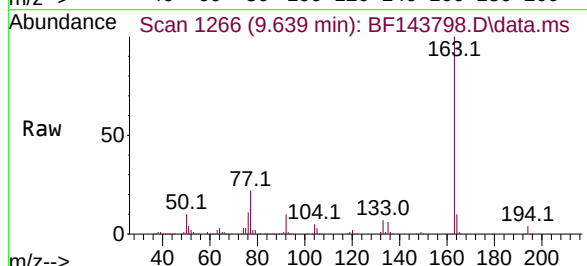
Concen: 73.652 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27



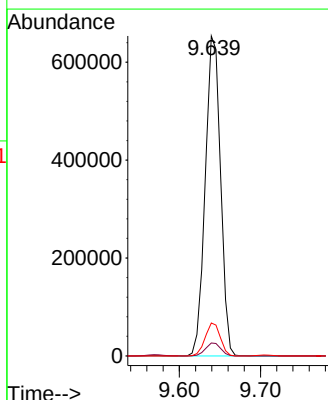
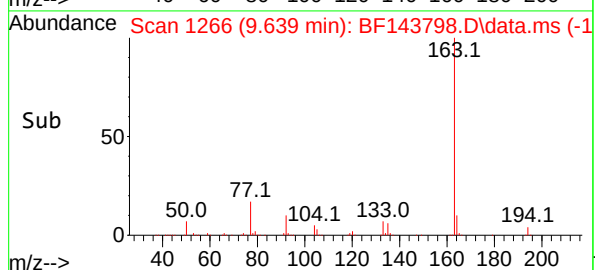
Tgt Ion:163 Resp: 857631

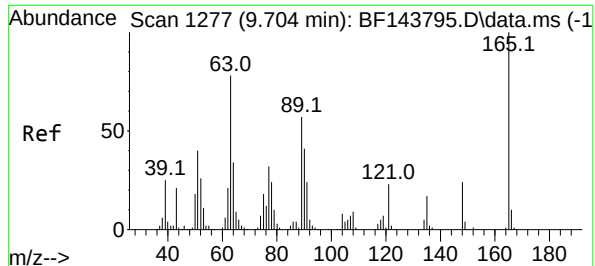
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

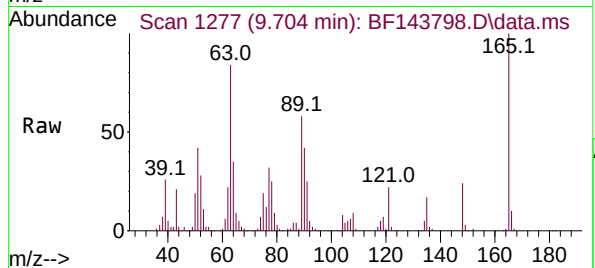
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 88.265 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

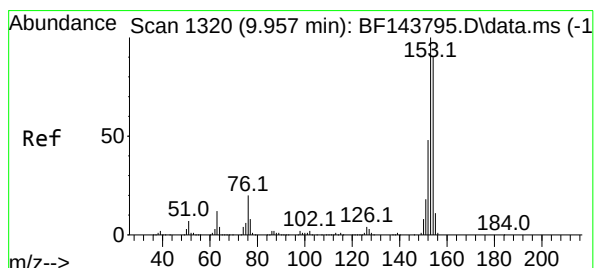
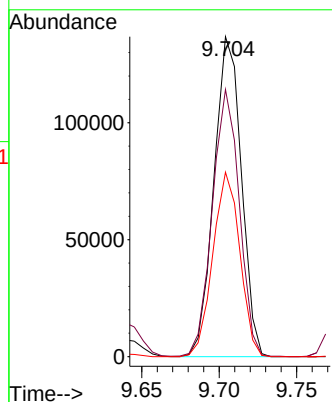
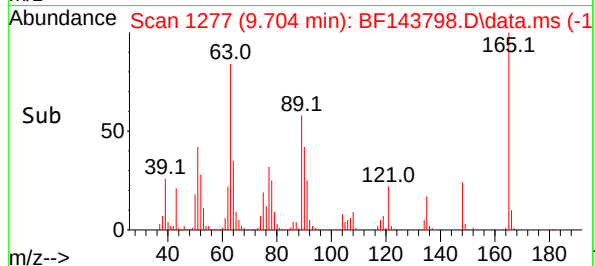
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:165 Resp: 168866
Ion Ratio Lower Upper
165 100
63 83.5 62.6 94.0
89 57.6 45.2 67.8

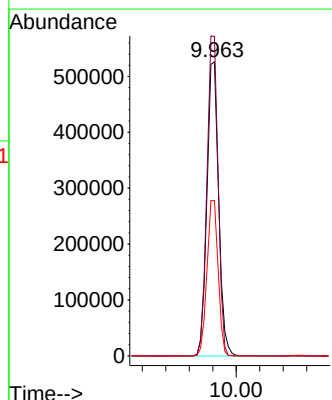
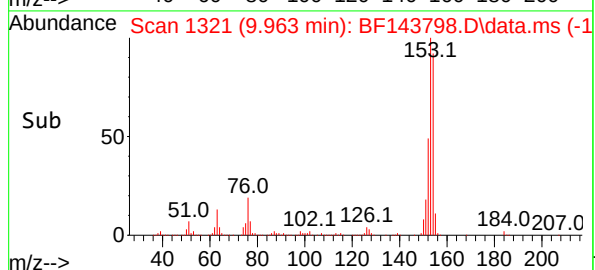
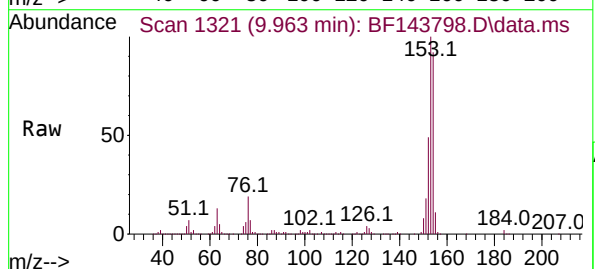
Manual Integrations
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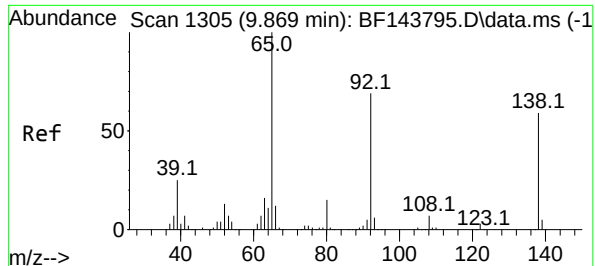
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 72.181 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:154 Resp: 727931
Ion Ratio Lower Upper
154 100
153 108.6 88.7 133.1
152 52.8 42.7 64.1





#53

3-Nitroaniline

Concen: 87.079 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:138 Resp: 201936

Ion Ratio Lower Upper

138 100

108 11.0 9.9 14.9

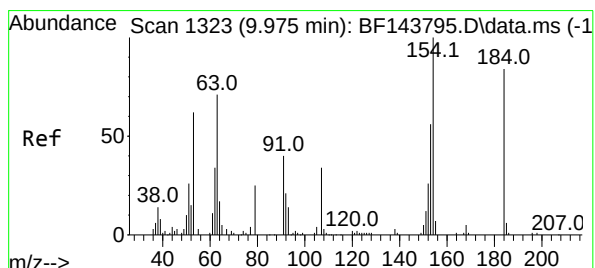
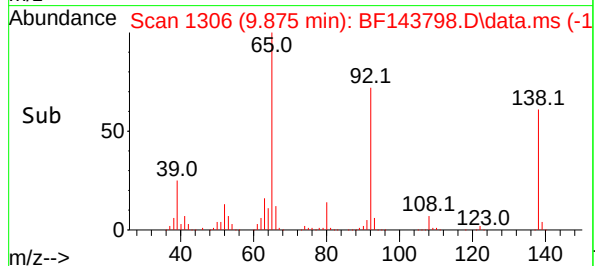
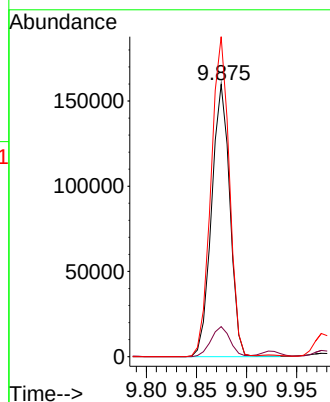
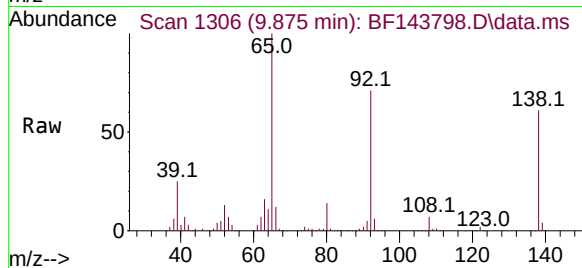
92 117.5 93.5 140.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#54

2,4-Dinitrophenol

Concen: 79.097 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

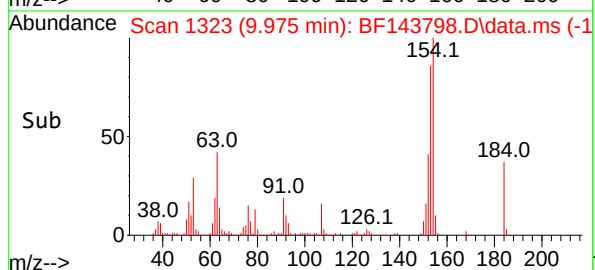
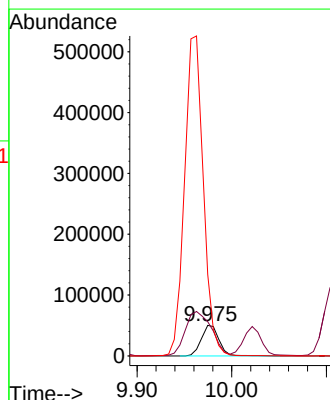
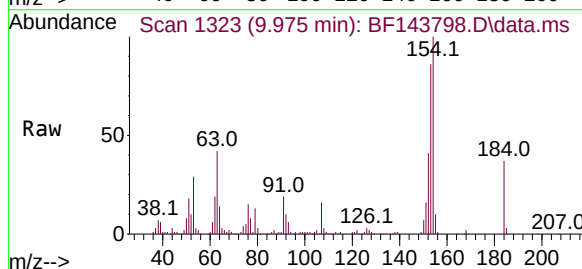
Tgt Ion:184 Resp: 64545

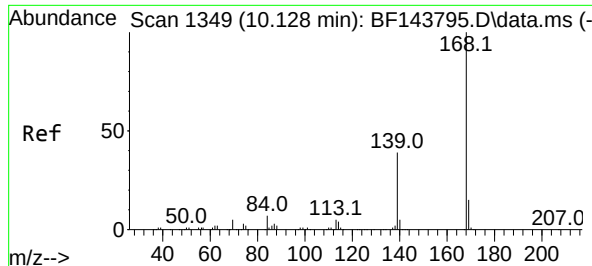
Ion Ratio Lower Upper

184 100

63 112.2 84.6 127.0

154 267.8 199.3 298.9





#55

Dibenzenofuran

Concen: 71.219 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:168 Resp: 101563

Ion Ratio Lower Upper

168 100

139 39.0 31.0 46.6

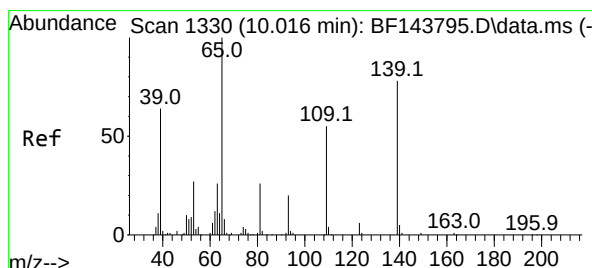
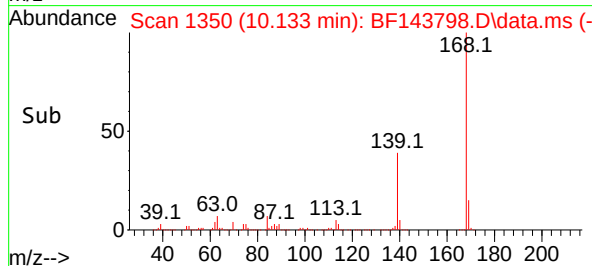
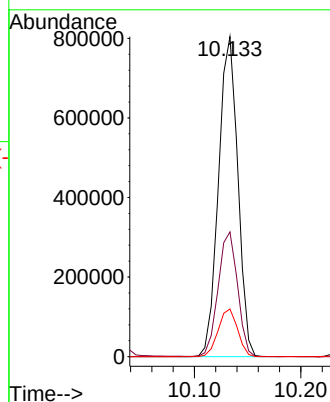
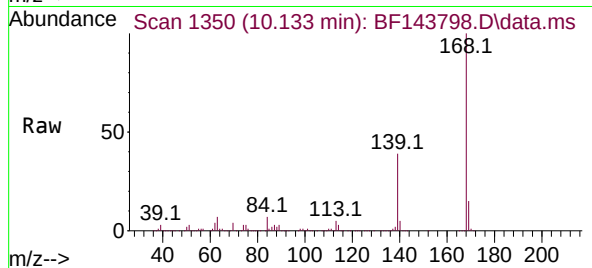
169 14.9 11.9 17.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 85.785 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

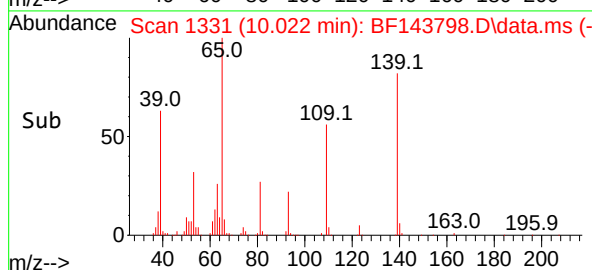
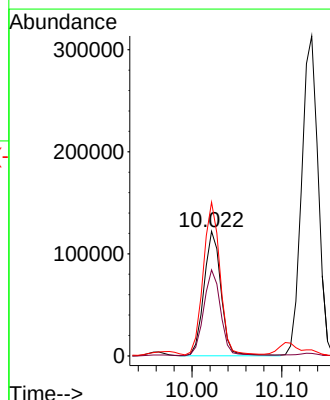
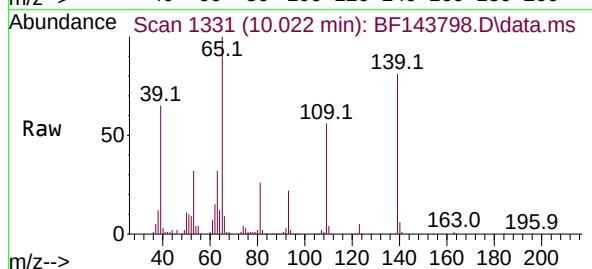
Tgt Ion:139 Resp: 160308

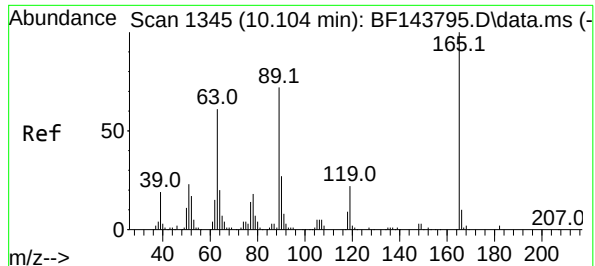
Ion Ratio Lower Upper

139 100

109 69.0 50.2 90.2

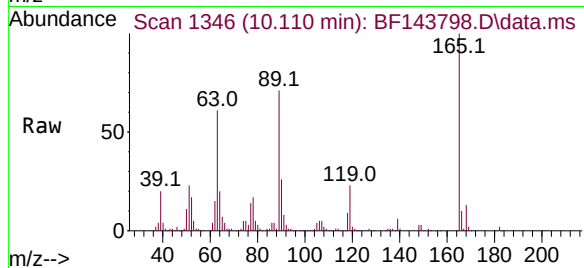
65 123.4 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 78.669 ng
RT: 10.110 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

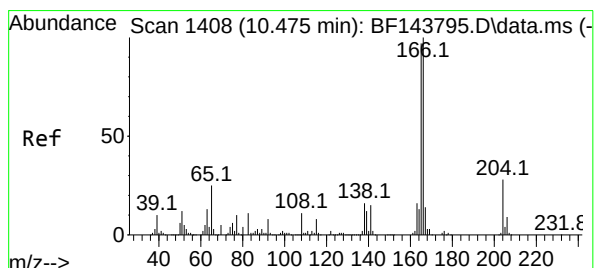
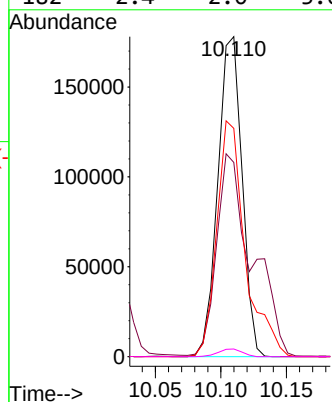
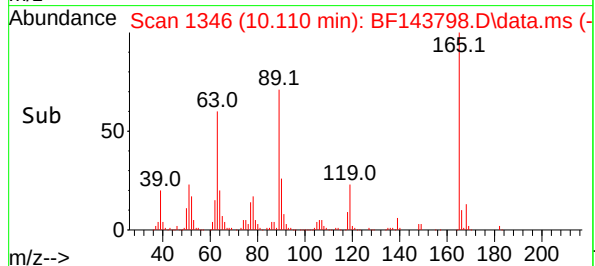
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



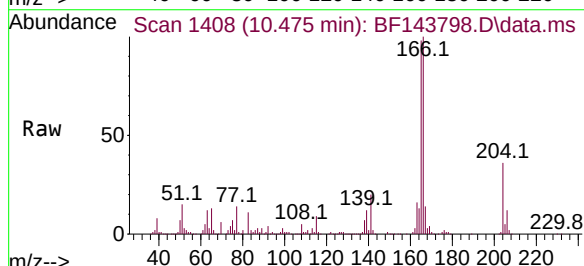
Tgt Ion:165 Resp: 229035
Ion Ratio Lower Upper
165 100
63 60.7 48.9 73.3
89 71.3 57.5 86.3
182 2.4 2.0 3.0

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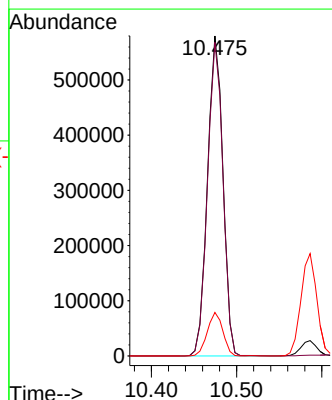
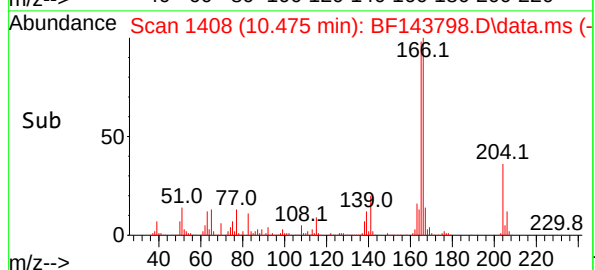
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

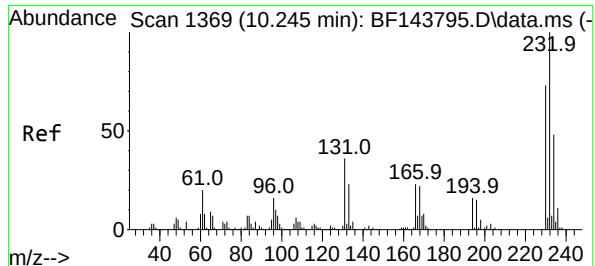


#58
Fluorene
Concen: 68.947 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



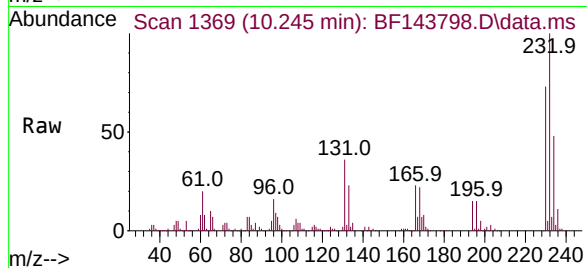
Tgt Ion:166 Resp: 730945
Ion Ratio Lower Upper
166 100
165 98.0 78.0 117.0
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 83.157 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

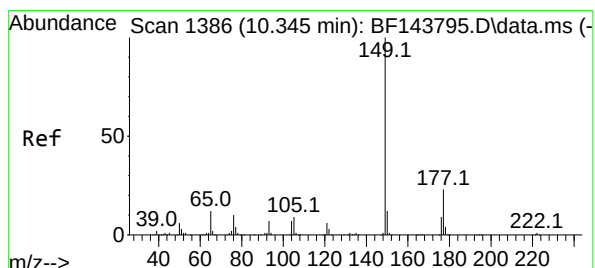
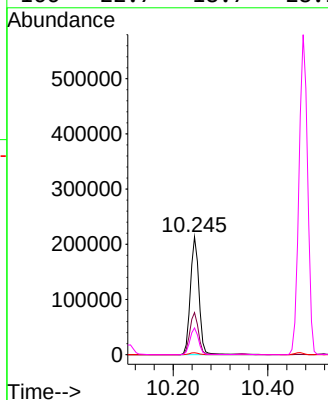
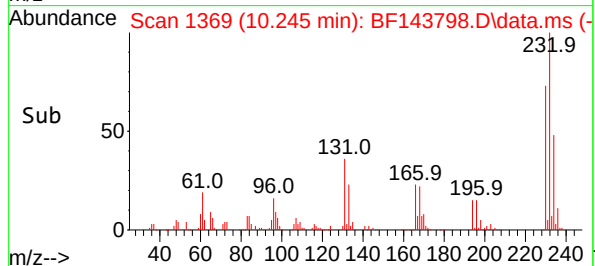
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



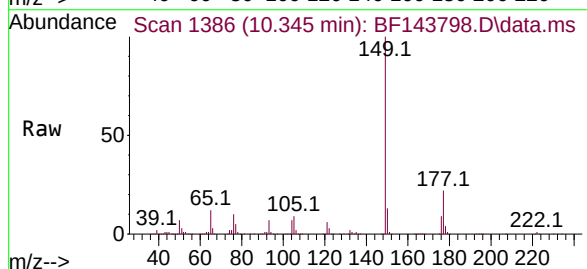
Tgt Ion:232 Resp: 269005
Ion Ratio Lower Upper
232 100
131 35.7 29.4 44.2
130 1.6 1.3 1.9
166 22.7 18.7 28.1

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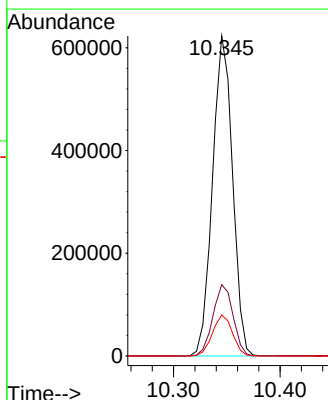
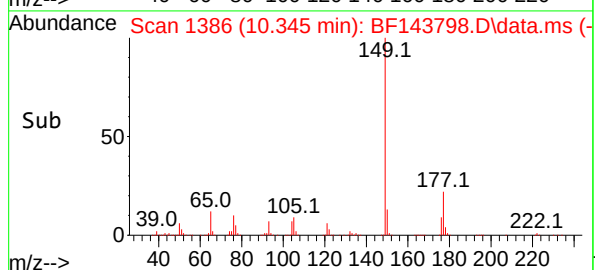
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

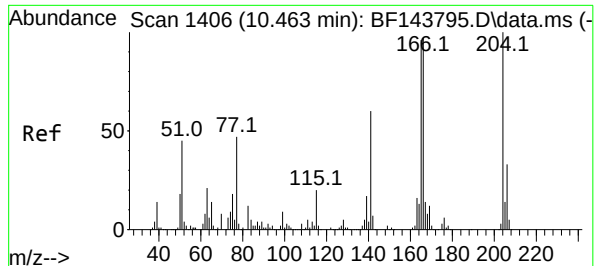


#60
Diethylphthalate
Concen: 74.753 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



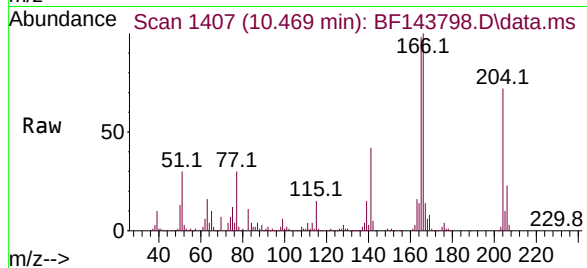
Tgt Ion:149 Resp: 814823
Ion Ratio Lower Upper
149 100
177 22.3 18.1 27.1
150 12.8 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 71.259 ng
RT: 10.469 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

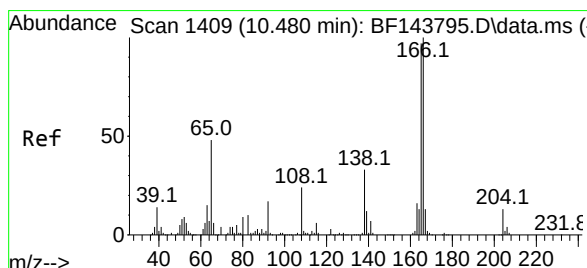
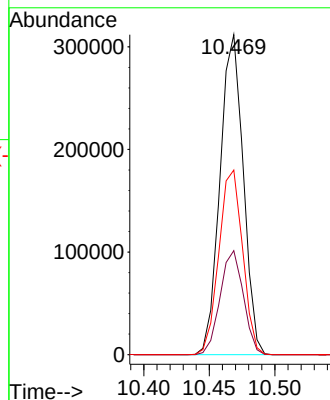
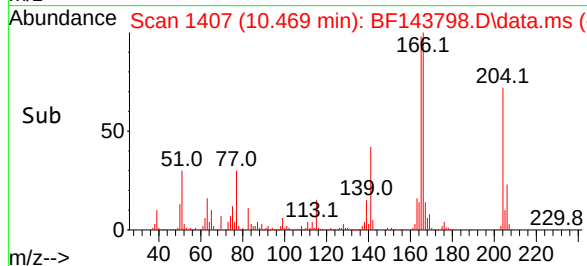
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



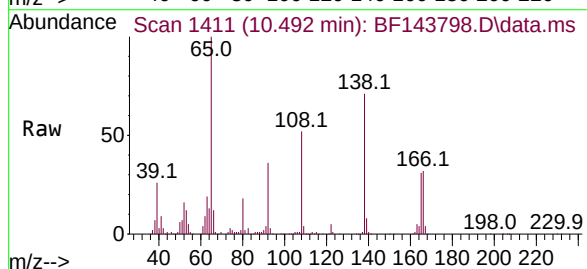
Tgt Ion:204 Resp: 384933
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 57.7 48.2 72.2

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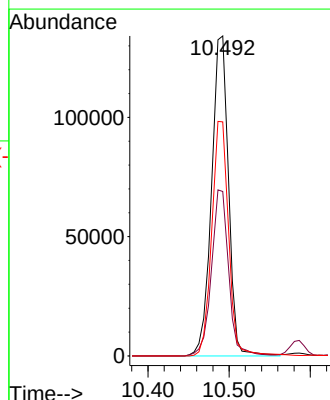
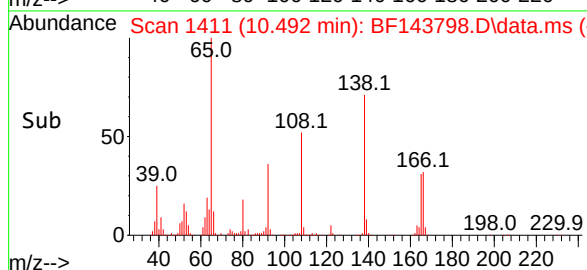
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

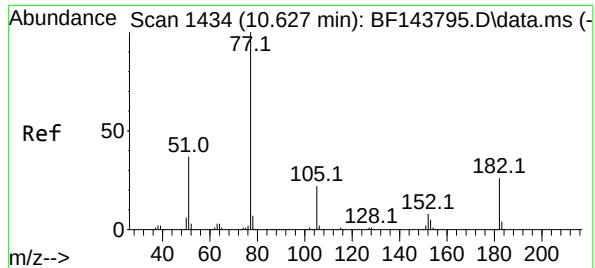


#62
4-Nitroaniline
Concen: 89.434 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



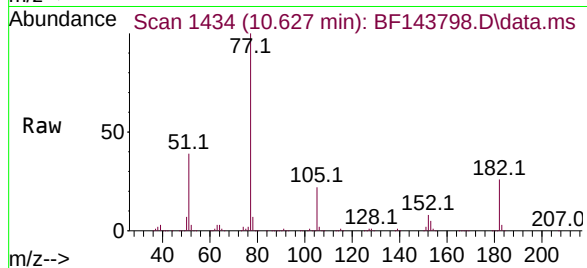
Tgt Ion:138 Resp: 195008
Ion Ratio Lower Upper
138 100
92 51.4 31.5 71.5
108 73.1 51.9 91.9





#63
Azobenzene
Concen: 73.264 ng
RT: 10.627 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

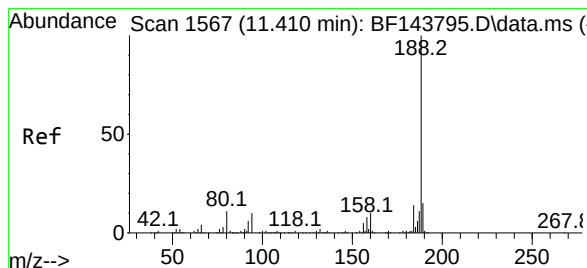
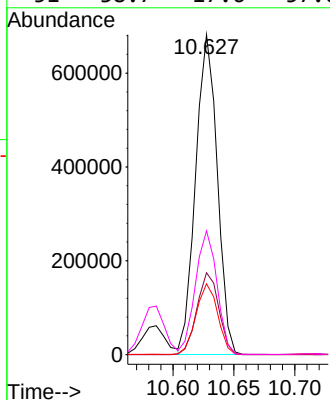
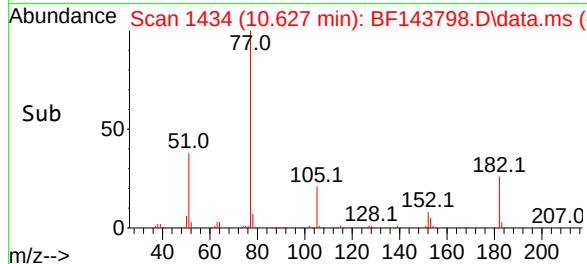
Instrument :
BNA_F
Client Sample Id :
SSTDICC080



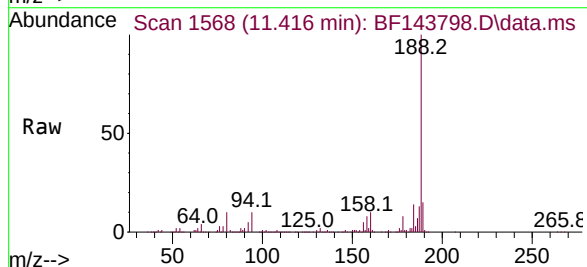
Tgt Ion: 77 Resp: 841633
Ion Ratio Lower Upper
77 100
182 25.6 5.9 45.9
105 22.1 2.3 42.3
51 38.7 17.6 57.6

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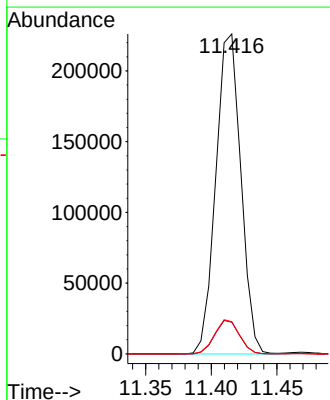
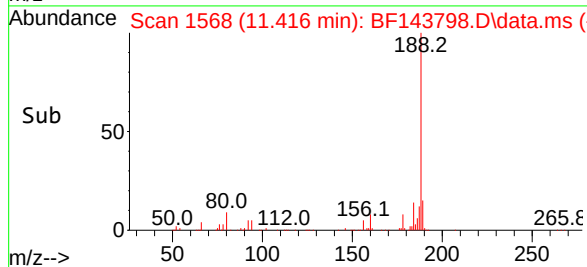
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

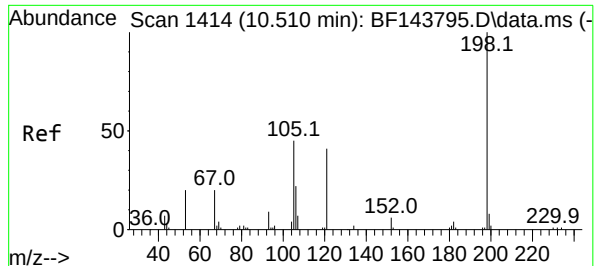


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



Tgt Ion:188 Resp: 300725
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.1 8.6 12.8





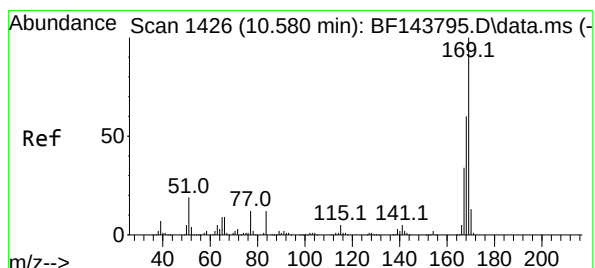
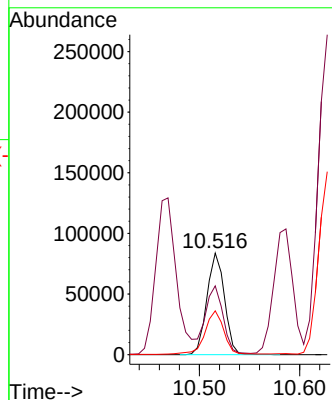
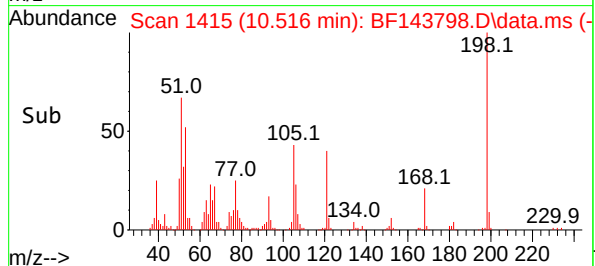
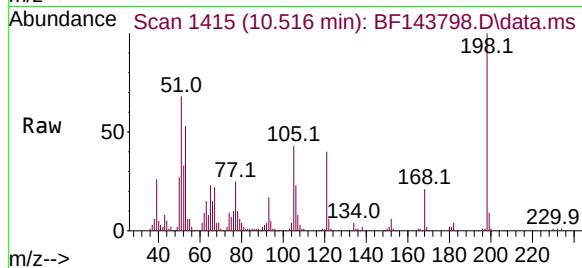
#65
4,6-Dinitro-2-methylphenol
Concen: 78.431 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:198 Resp: 101519
Ion Ratio Lower Upper
198 100
51 67.7 52.0 92.0
105 43.2 27.5 67.5

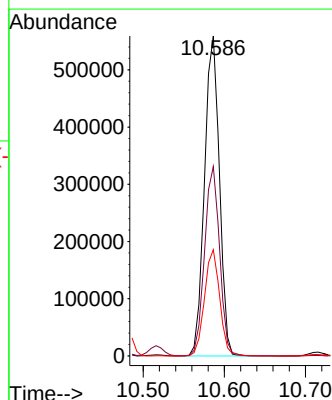
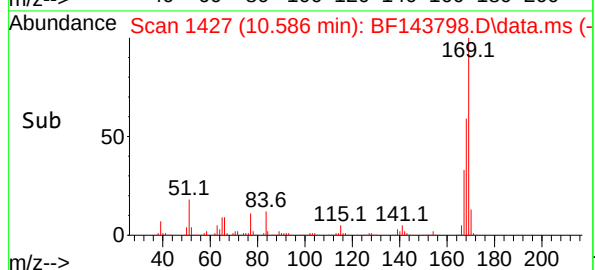
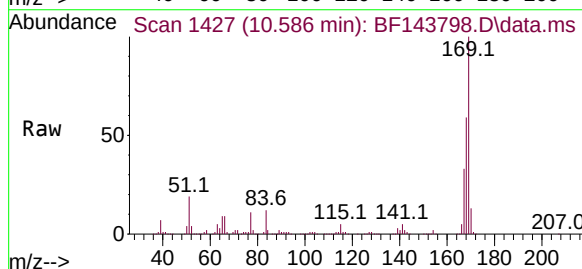
Manual Integrations
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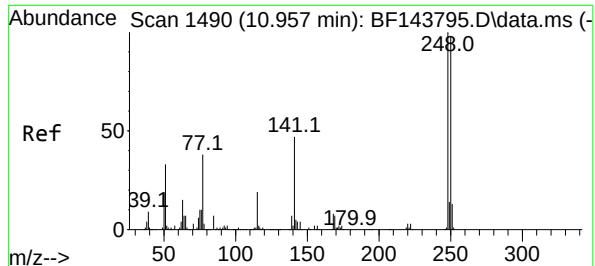
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 72.221 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

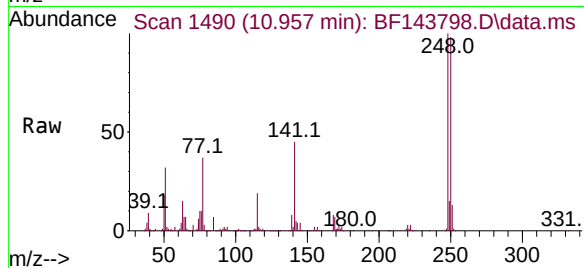
Tgt Ion:169 Resp: 714258
Ion Ratio Lower Upper
169 100
168 59.2 47.9 71.9
167 33.2 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 75.954 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

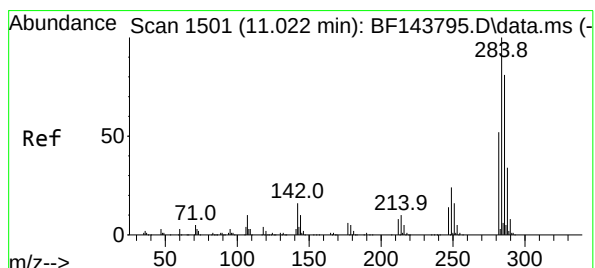
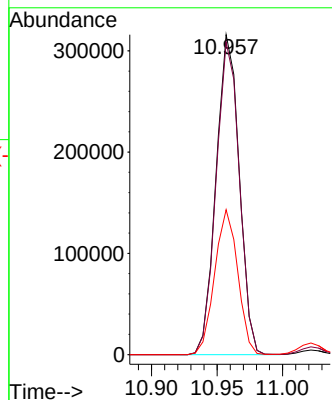
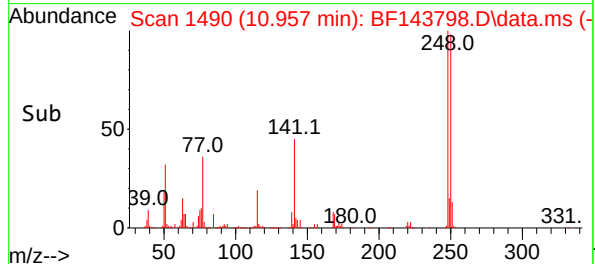
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



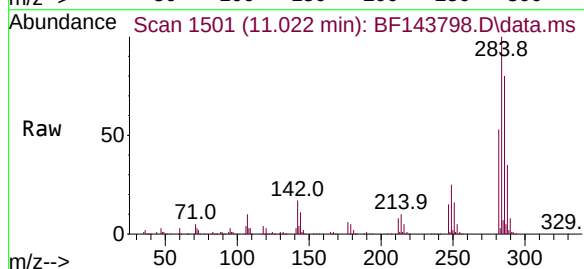
Tgt Ion:248 Resp: 389253
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 45.3 37.9 56.9

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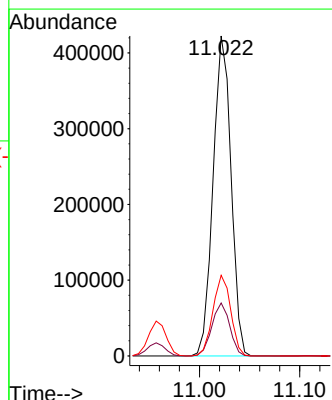
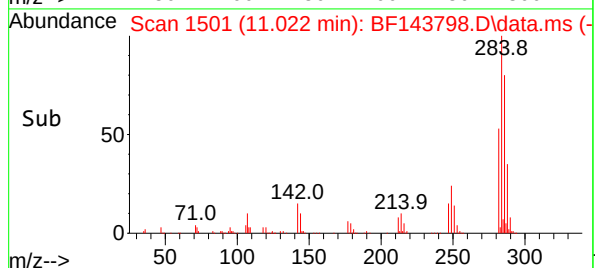
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

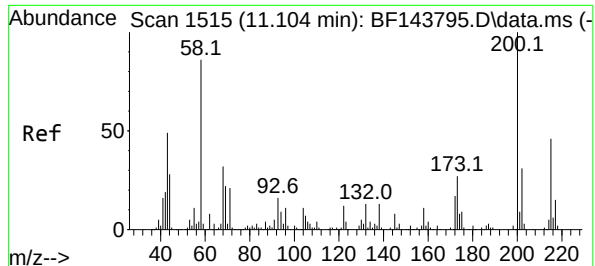


#68
Hexachlorobenzene
Concen: 74.398 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



Tgt Ion:284 Resp: 525440
Ion Ratio Lower Upper
284 100
142 16.5 13.1 19.7
249 25.2 19.5 29.3





#69

Atrazine

Concen: 76.710 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF143798.D

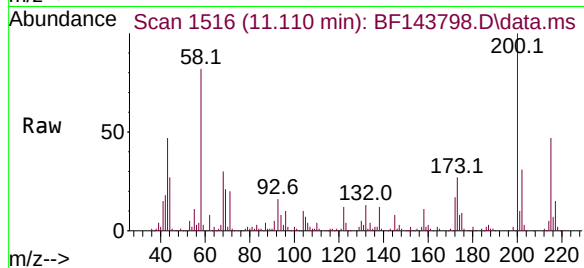
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

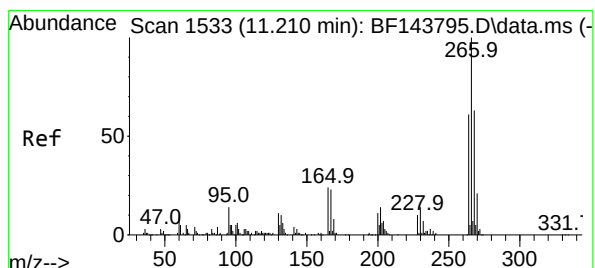
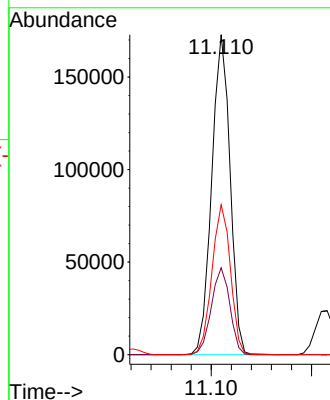
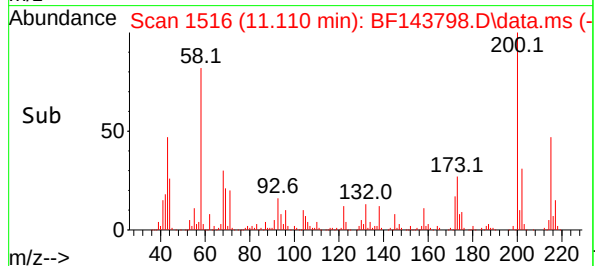


Tgt Ion:200 Resp: 219693
Ion Ratio Lower Upper
200 100
173 27.1 7.2 47.2
215 46.8 26.0 66.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

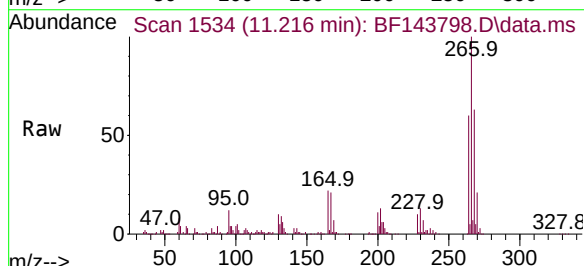
Concen: 88.529 ng

RT: 11.216 min Scan# 1534

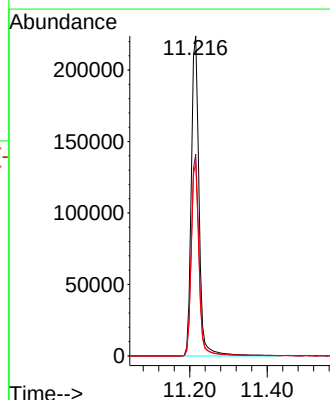
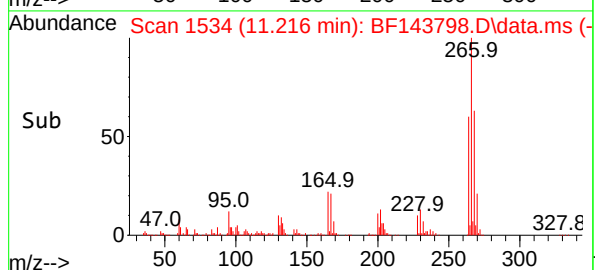
Delta R.T. 0.000 min

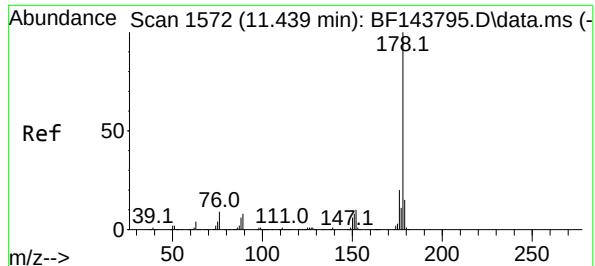
Lab File: BF143798.D

Acq: 23 Sep 2025 15:27



Tgt Ion:266 Resp: 311232
Ion Ratio Lower Upper
266 100
268 63.0 50.5 75.7
264 60.2 48.8 73.2





#71

Phenanthrene

Concen: 71.783 ng

RT: 11.439 min Scan# 1572

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:178 Resp: 1108268

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

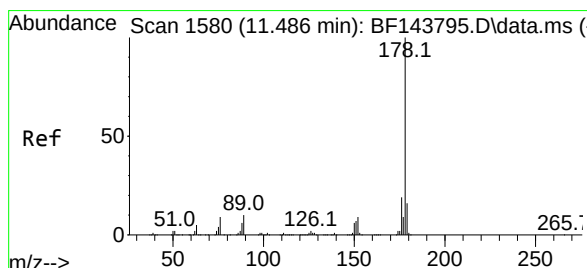
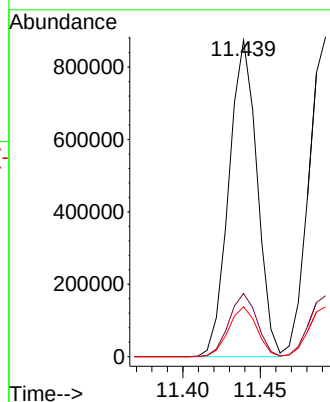
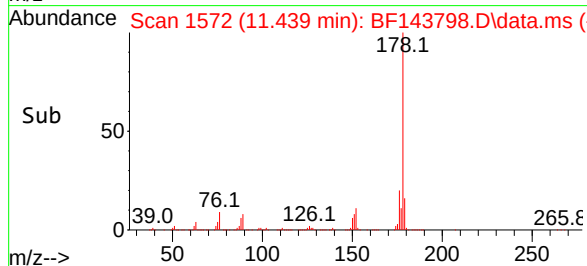
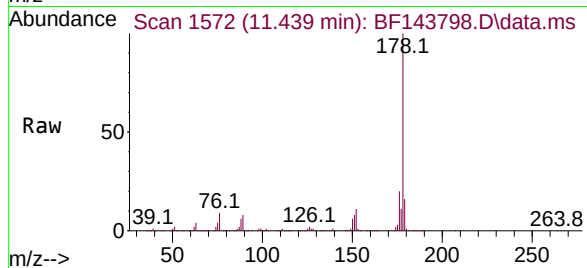
179 15.8 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#72

Anthracene

Concen: 73.416 ng

RT: 11.492 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

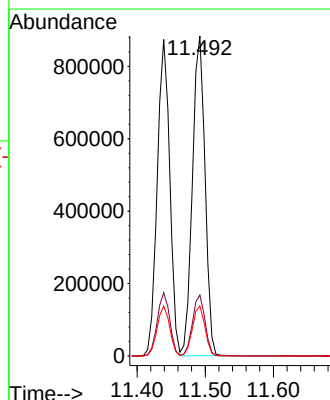
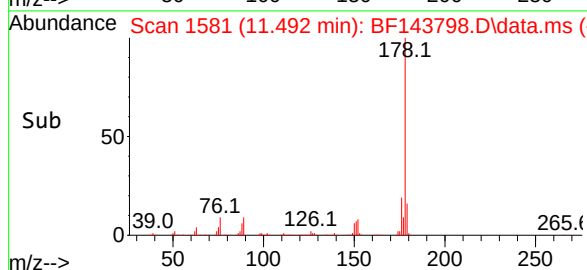
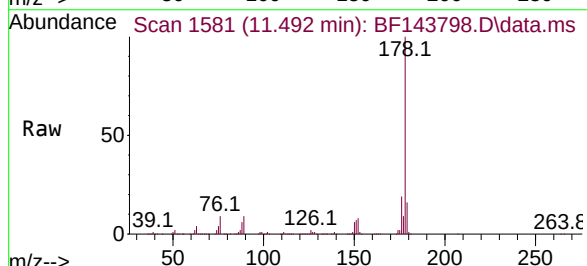
Tgt Ion:178 Resp: 1136970

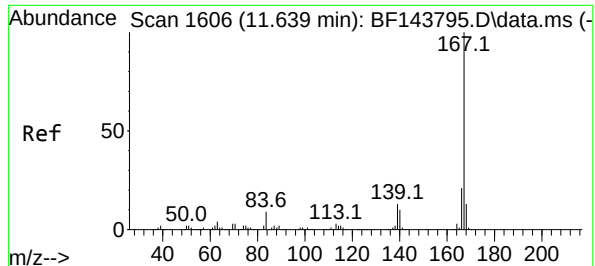
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.6 12.8 19.2





#73

Carbazole

Concen: 75.229 ng

RT: 11.645 min Scan# 1607

Delta R.T. 0.000 min

Lab File: BF143798.D

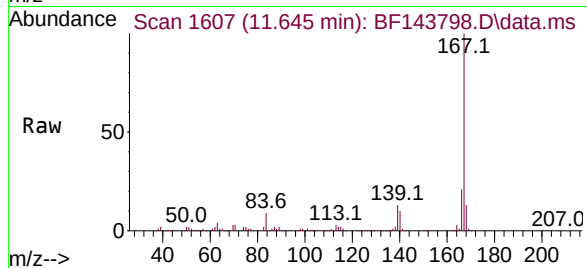
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:167 Resp: 1018624

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

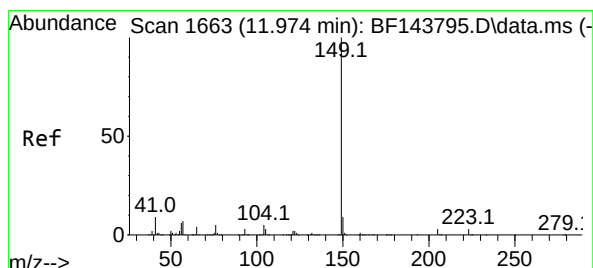
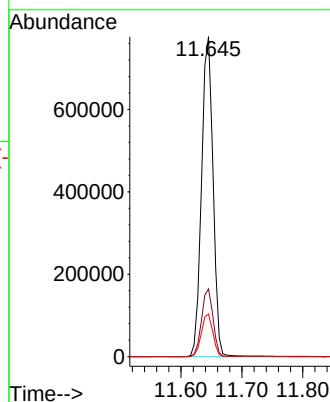
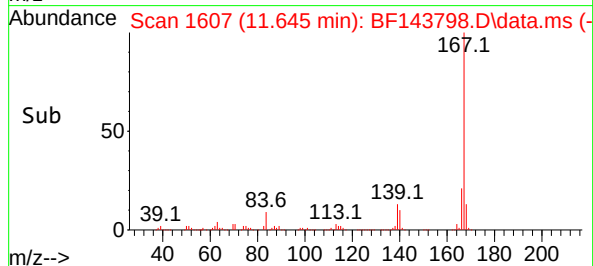
139 13.3 10.6 15.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#74

Di-n-butylphthalate

Concen: 79.613 ng

RT: 11.974 min Scan# 1663

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

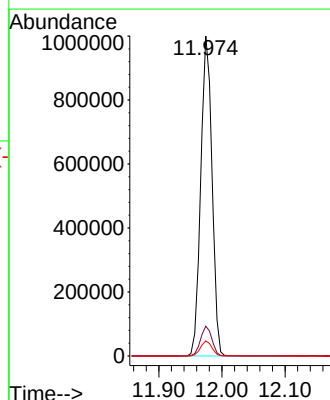
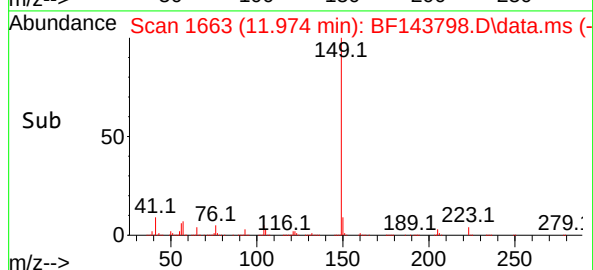
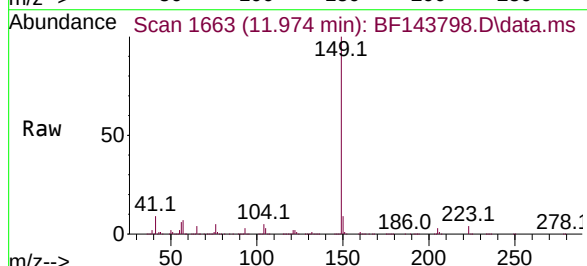
Tgt Ion:149 Resp: 1239778

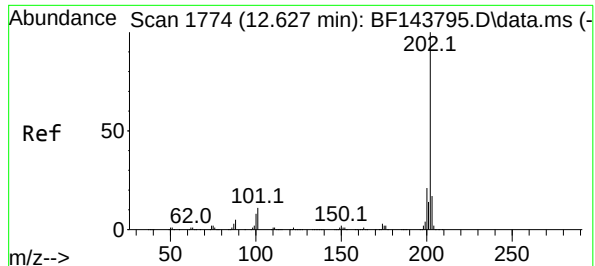
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

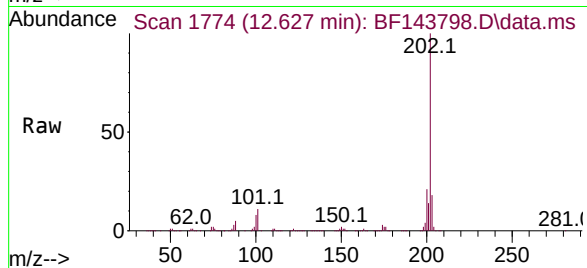
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 78.389 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

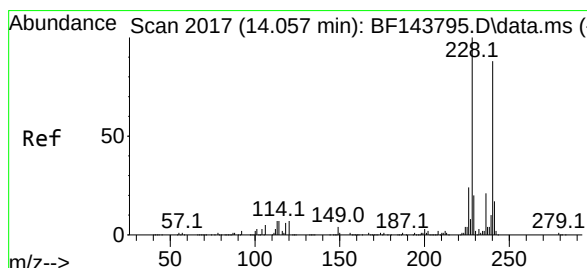
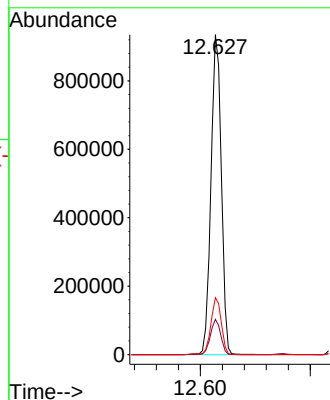
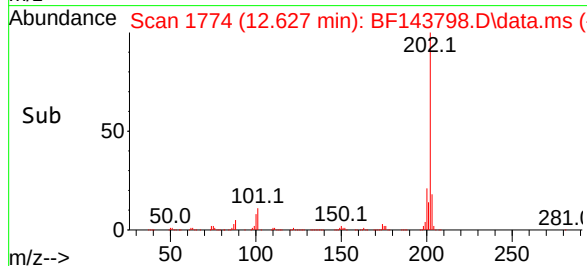
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:202 Resp: 1217249
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.1
203 17.8 0.0 37.4

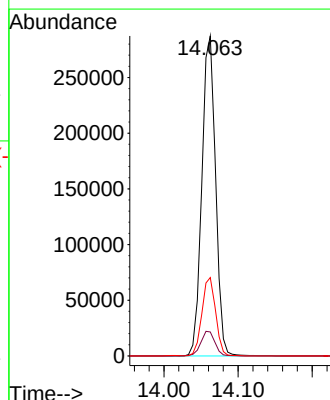
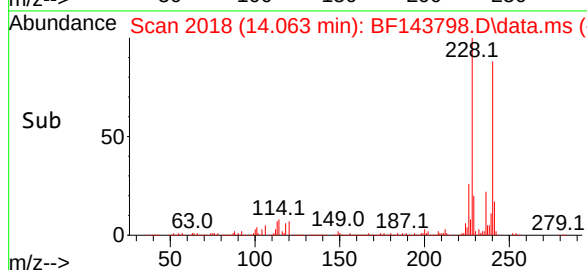
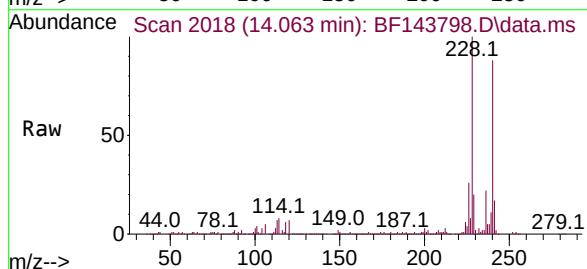
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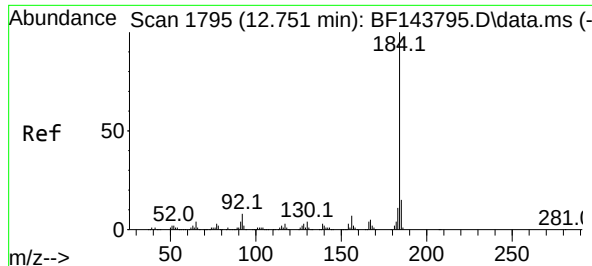
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

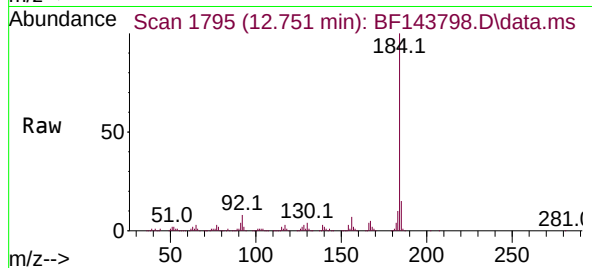
Tgt Ion:240 Resp: 368976
Ion Ratio Lower Upper
240 100
120 7.5 6.2 9.4
236 24.5 19.4 29.2





#77
Benzidine
Concen: 66.788 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

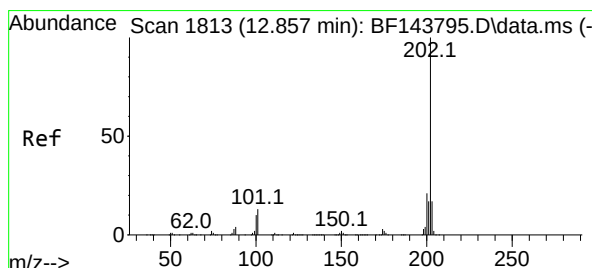
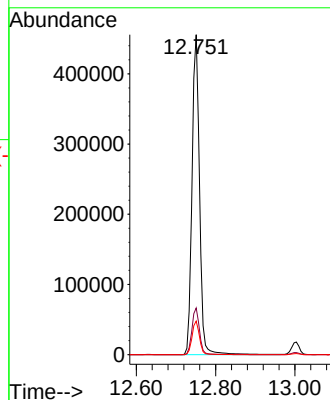
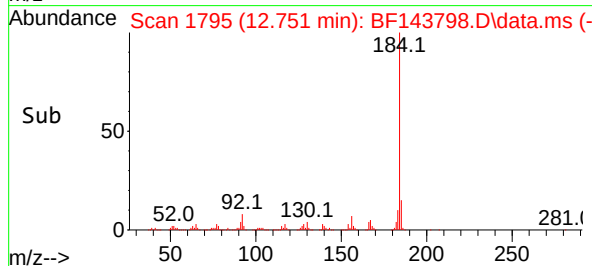
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:184 Resp: 600496
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 10.5 8.6 13.0

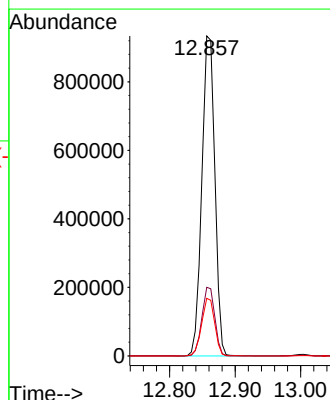
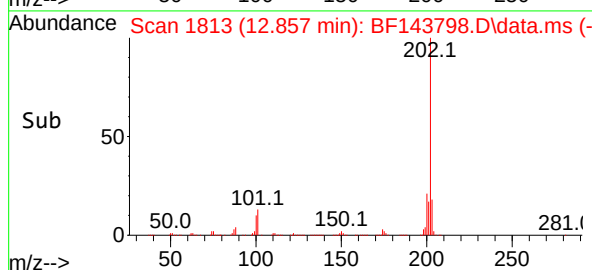
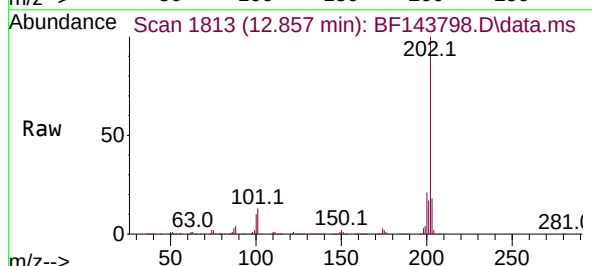
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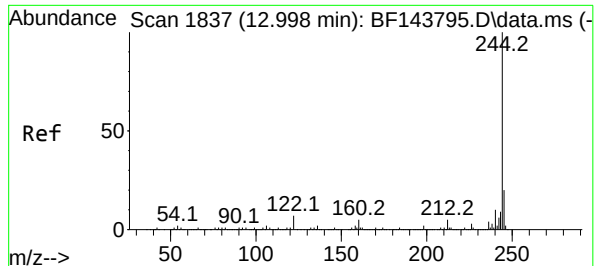
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 70.553 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

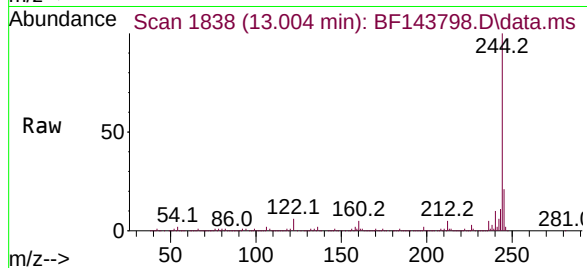
Tgt Ion:202 Resp: 1279855
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.0 13.9 20.9





#79
Terphenyl-d14
Concen: 133.790 ng
RT: 13.004 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

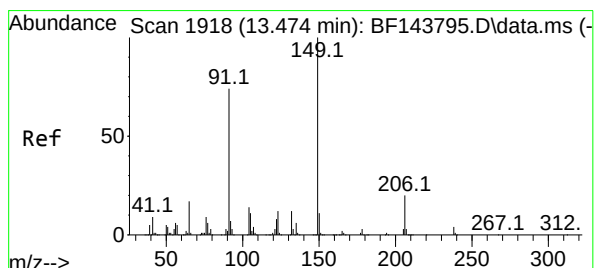
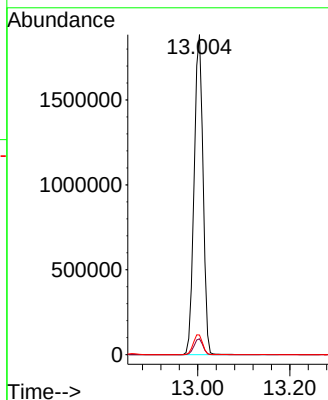
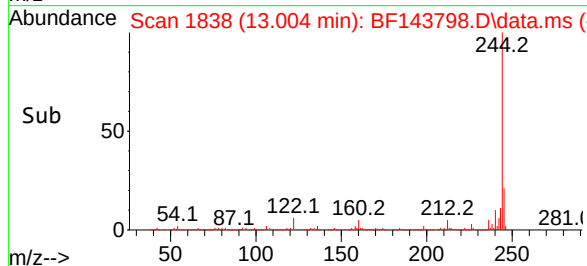
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



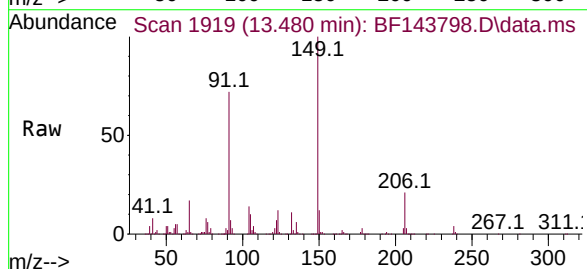
Tgt Ion:244 Resp: 251440
Ion Ratio Lower Upper
244 100
212 4.9 3.9 5.9
122 6.1 5.6 8.4

Manual Integrations
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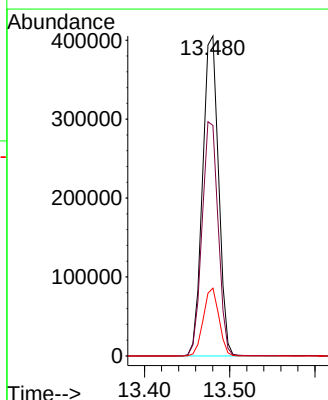
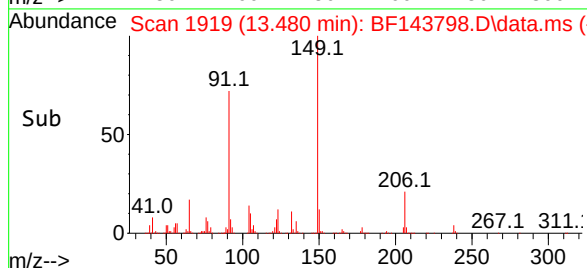
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

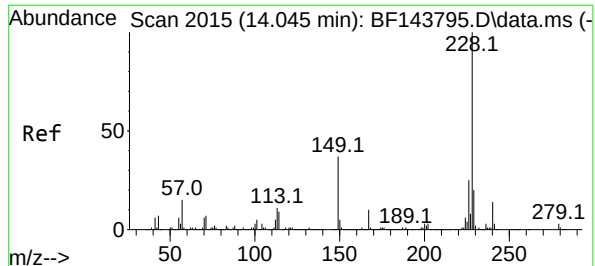


#80
Butylbenzylphthalate
Concen: 84.139 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



Tgt Ion:149 Resp: 528060
Ion Ratio Lower Upper
149 100
91 72.0 59.5 89.3
206 21.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 74.057 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF143798.D

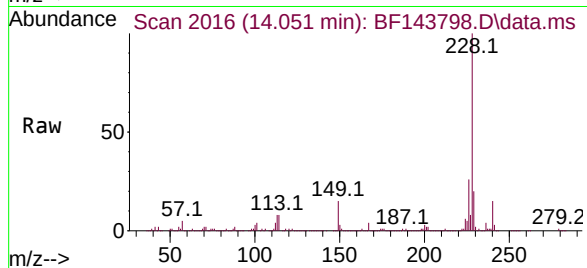
Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:228 Resp: 1467968

Ion Ratio Lower Upper

228 100

226 25.8 20.2 30.2

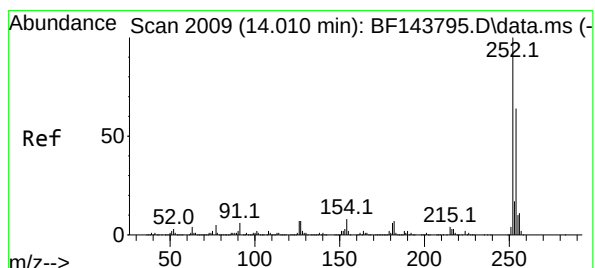
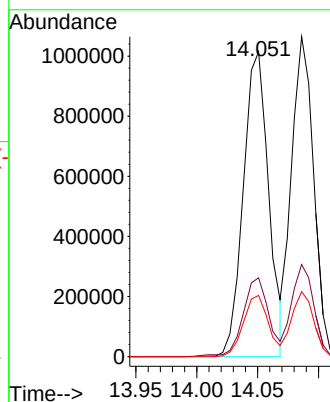
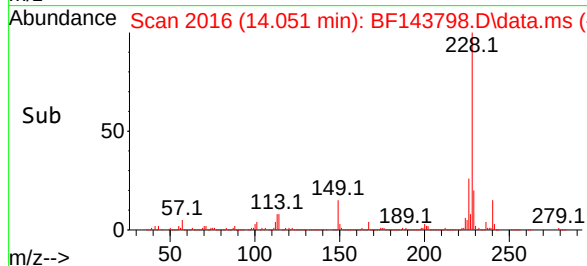
229 20.1 16.1 24.1

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#82

3,3'-Dichlorobenzidine

Concen: 80.036 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

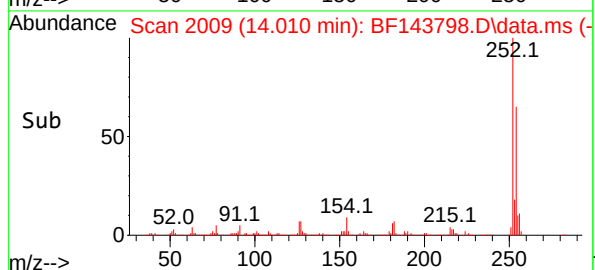
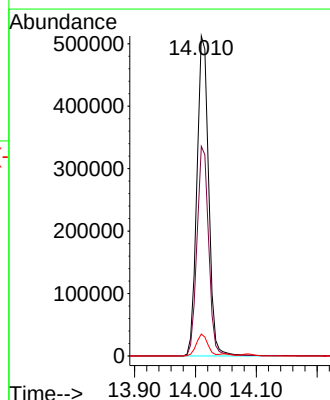
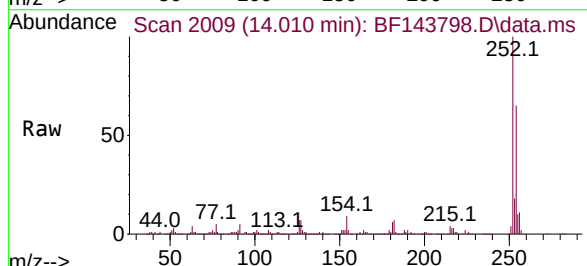
Tgt Ion:252 Resp: 687295

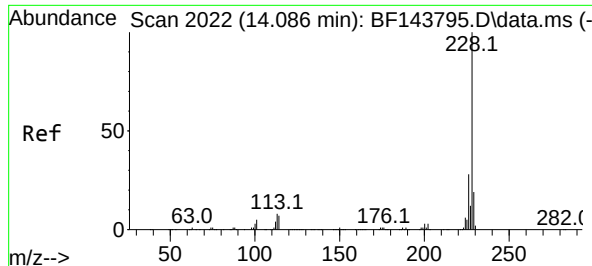
Ion Ratio Lower Upper

252 100

254 65.5 51.5 77.3

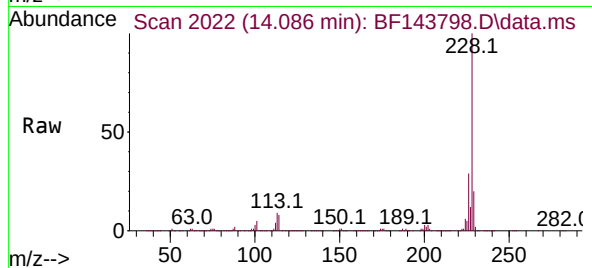
126 6.8 5.4 8.2





#83
Chrysene
Concen: 75.382 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

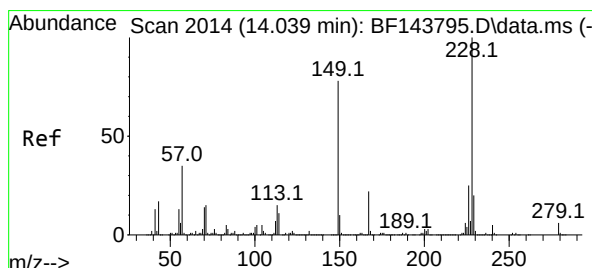
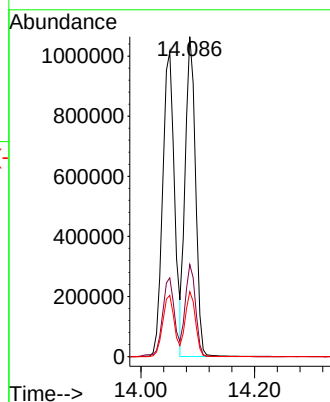
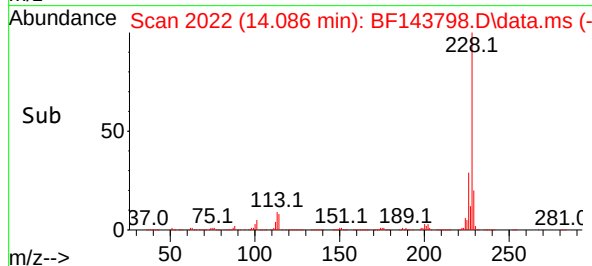
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



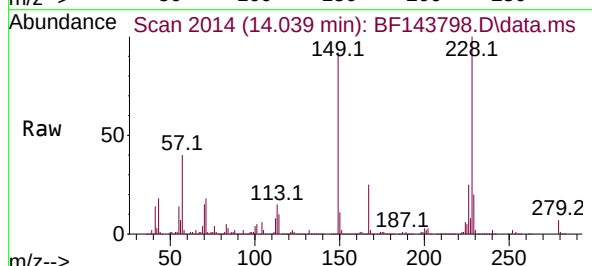
Tgt Ion:228 Resp: 1352072
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.3 15.6 23.4

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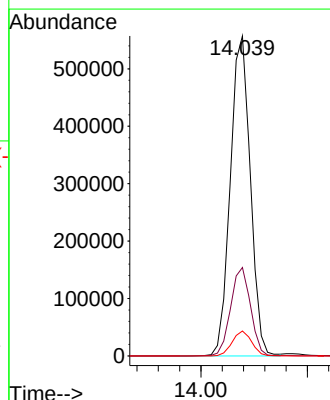
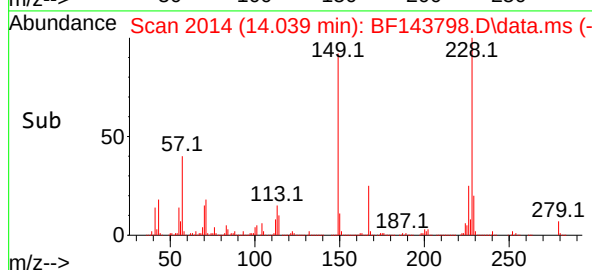
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

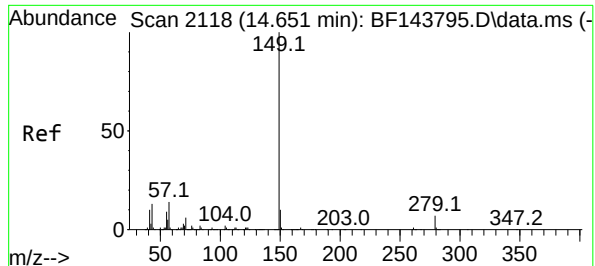


#84
Bis(2-ethylhexyl)phthalate
Concen: 78.996 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27



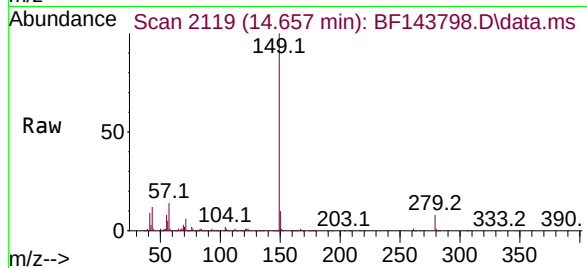
Tgt Ion:149 Resp: 726710
Ion Ratio Lower Upper
149 100
167 27.6 22.2 33.2
279 7.8 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 82.239 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

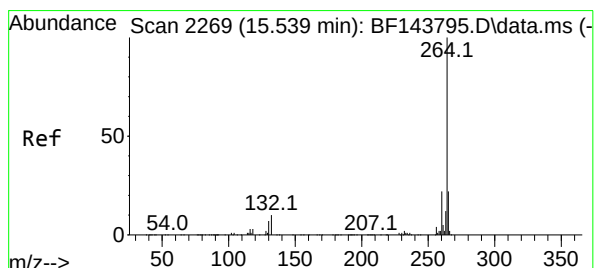
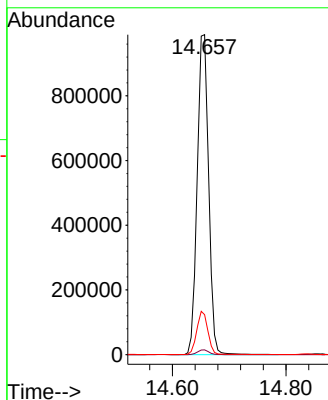
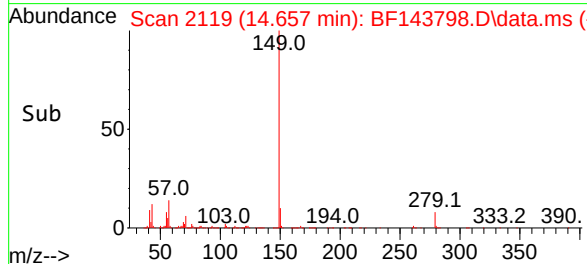
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 1372332
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.2 10.7 16.1

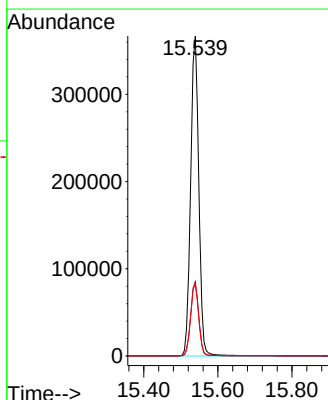
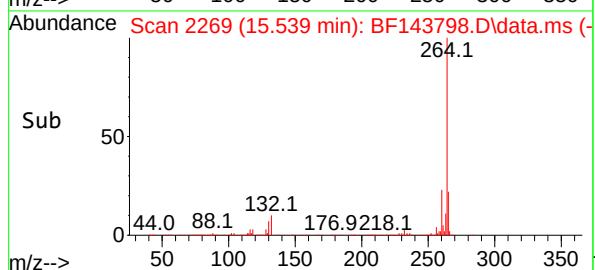
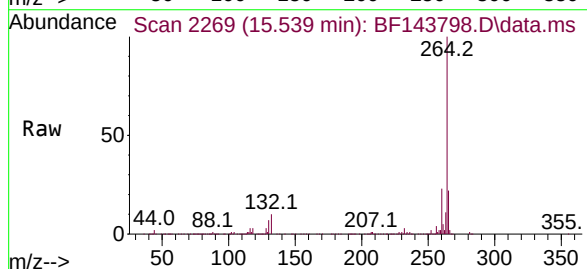
Manual Integrations
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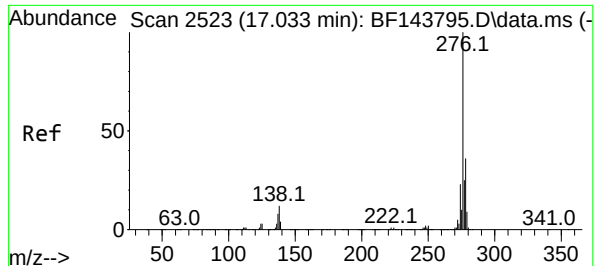
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

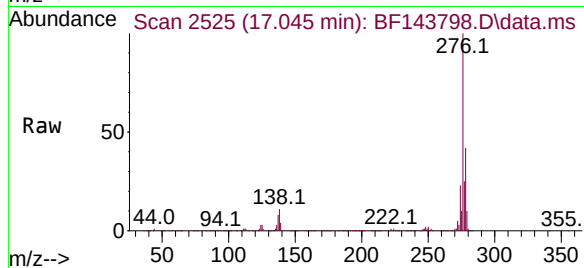
Tgt Ion:264 Resp: 561861
Ion Ratio Lower Upper
264 100
260 23.2 17.9 26.9
265 22.4 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 77.396 ng
RT: 17.045 min Scan# 2523
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

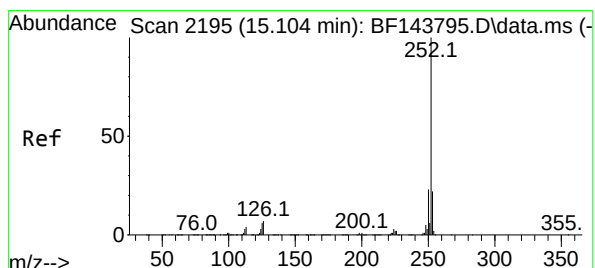
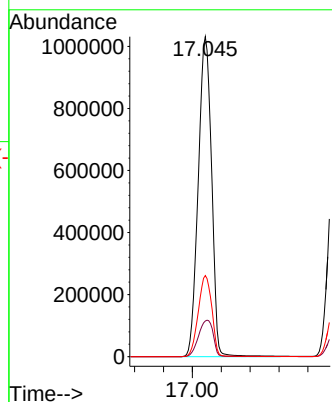
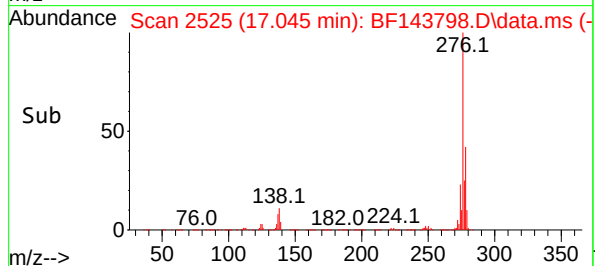
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 276 Resp: 3299429
Ion Ratio Lower Upper
276 100
138 12.4 10.6 15.8
277 25.7 20.7 31.1

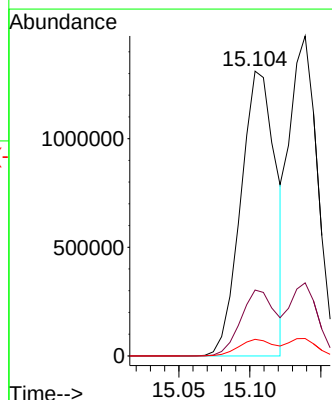
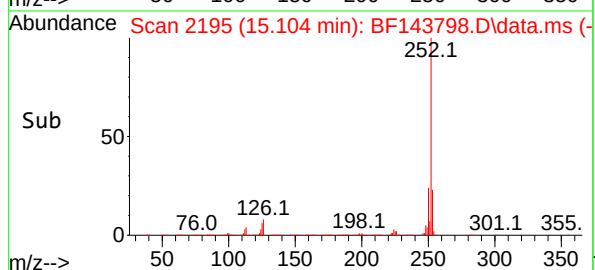
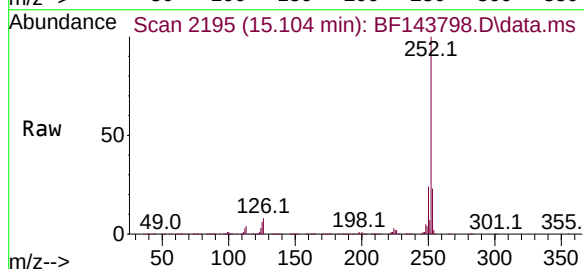
Manual Integrations
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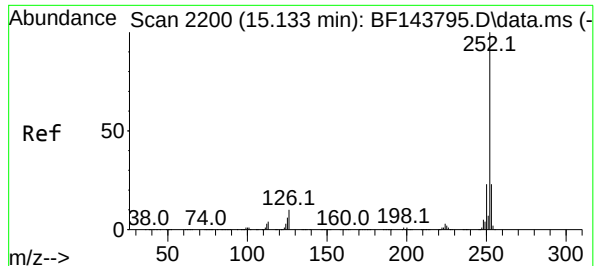
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#88
Benzo(b)fluoranthene
Concen: 78.555 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion: 252 Resp: 2247670
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 5.8 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 70.756 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 2033980

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

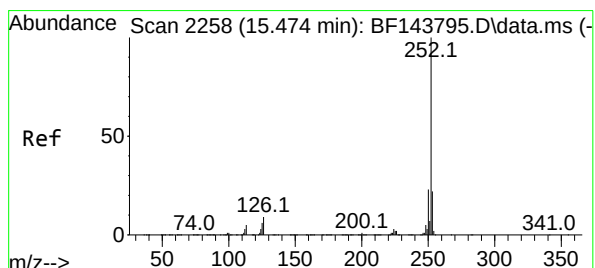
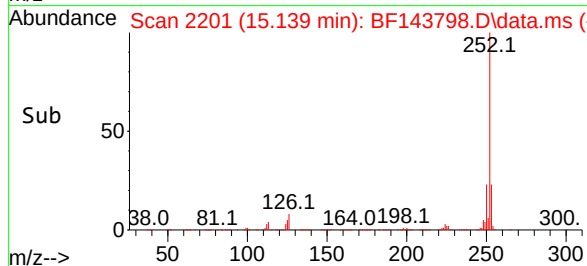
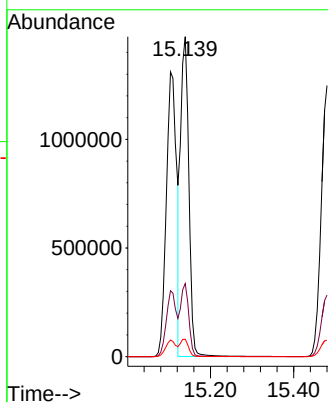
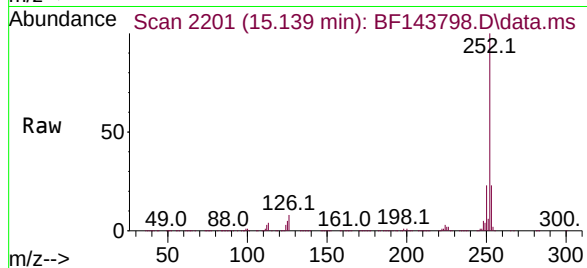
125 5.4 4.6 6.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

Concen: 76.712 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF143798.D

Acq: 23 Sep 2025 15:27

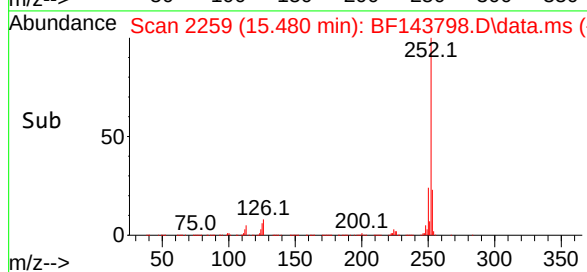
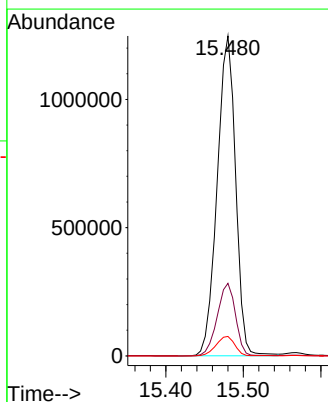
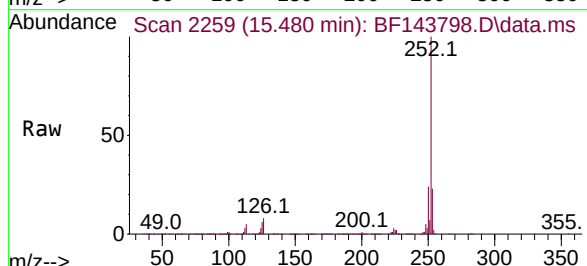
Tgt Ion:252 Resp: 2063204

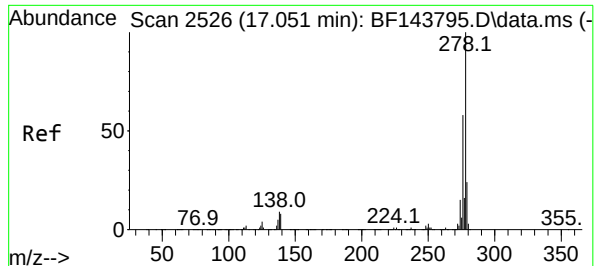
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

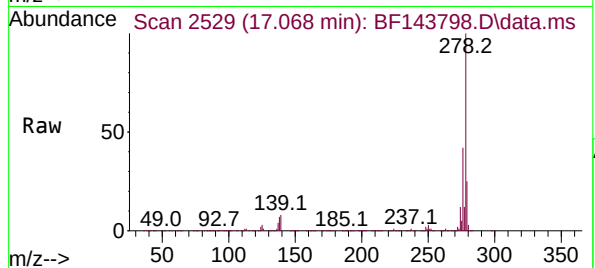
125 6.1 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 75.178 ng
RT: 17.068 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

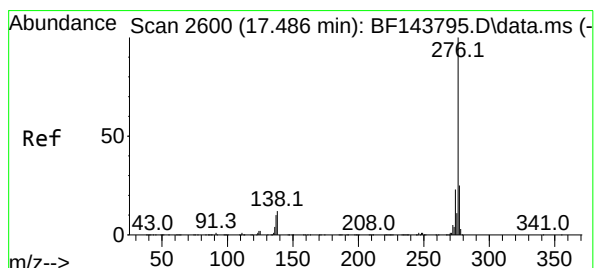
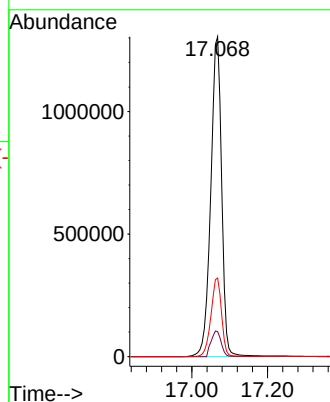
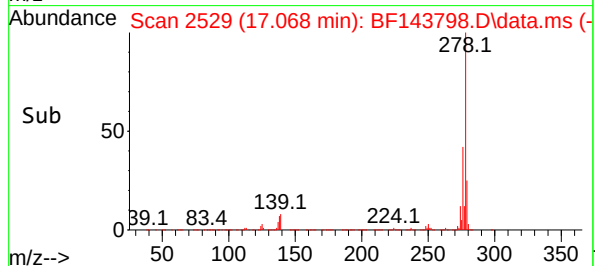
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:278 Resp: 2621312
Ion Ratio Lower Upper
278 100
139 7.9 6.7 10.1
279 24.6 19.3 28.9

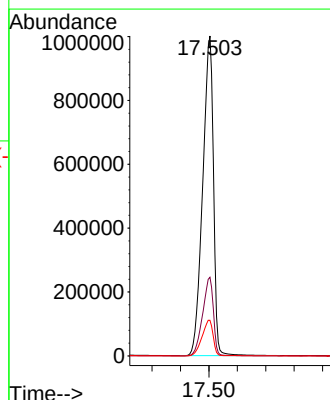
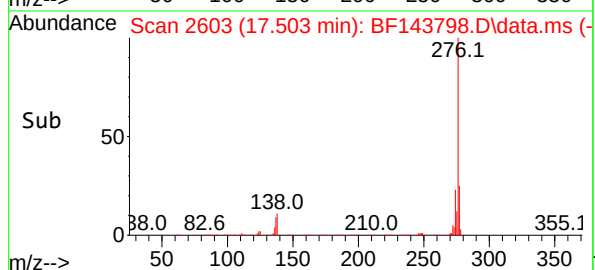
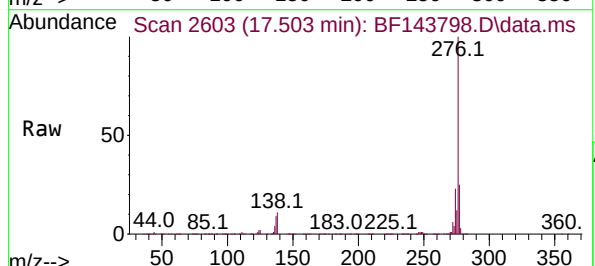
Manual Integrations
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Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 78.108 ng
RT: 17.503 min Scan# 2603
Delta R.T. 0.000 min
Lab File: BF143798.D
Acq: 23 Sep 2025 15:27

Tgt Ion:276 Resp: 2625358
Ion Ratio Lower Upper
276 100
277 24.6 19.6 29.4
138 11.1 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	109221	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	390323	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	191064	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	302827	20.000	ng	0.00
76) Chrysene-d12	14.057	240	375572	20.000	ng	0.00
86) Perylene-d12	15.533	264	528363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	587541	86.573	ng	0.00
7) Phenol-d6	6.504	99	655490	81.847	ng	0.00
23) Nitrobenzene-d5	7.445	82	563159	90.799	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	260676	95.600	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1032314	79.843	ng	0.00
79) Terphenyl-d14	12.998	244	1544756	80.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	140442	43.647	ng	99
3) Pyridine	3.399	79	373668	43.022	ng	99
4) n-Nitrosodimethylamine	3.340	42	184836	42.441	ng	99
6) Aniline	6.546	93	468886	41.592	ng	99
8) 2-Chlorophenol	6.669	128	292186	42.456	ng	99
9) Benzaldehyde	6.440	77	317430	46.667	ng	96
10) Phenol	6.516	94	378799m	41.956	ng	
11) bis(2-Chloroethyl)ether	6.616	93	296472	41.891	ng	99
12) 1,3-Dichlorobenzene	6.828	146	337770	42.271	ng	100
13) 1,4-Dichlorobenzene	6.904	146	333799	41.859	ng	99
14) 1,2-Dichlorobenzene	7.057	146	315213	41.736	ng	99
15) Benzyl Alcohol	7.022	79	238857	42.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	702630	41.868	ng	100
17) 2-Methylphenol	7.128	107	225398	42.304	ng	99
18) Hexachloroethane	7.398	117	120246	42.878	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	198845	39.810	ng	99
20) 3+4-Methylphenols	7.281	107	283024	43.619	ng	99
22) Acetophenone	7.293	105	355985	41.524	ng	99
24) Nitrobenzene	7.463	77	308041	43.582	ng	99
25) Isophorone	7.704	82	519134	41.778	ng	99
26) 2-Nitrophenol	7.781	139	127397	44.135	ng	98
27) 2,4-Dimethylphenol	7.810	122	237292	42.725	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	334704	41.459	ng	100
29) 2,4-Dichlorophenol	8.016	162	234561	42.921	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	240436	42.395	ng	99
31) Naphthalene	8.193	128	785137	42.019	ng	100
32) Benzoic acid	7.893	122	117697	43.922	ng	96
33) 4-Chloroaniline	8.234	127	275488	41.955	ng	99
34) Hexachlorobutadiene	8.310	225	179313	42.413	ng	100
35) Caprolactam	8.587	113	61486	44.018	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	217750	42.485	ng	96
37) 2-Methylnaphthalene	8.881	142	496707	41.689	ng	99
38) 1-Methylnaphthalene	8.981	142	478612	41.968	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	242106	41.989	ng	99
41) Hexachlorocyclopentadiene	9.034	237	160009	43.786	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	162537	45.018	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	159783	42.310	ng	100
46) 1,1'-Biphenyl	9.345	154	570562	41.254	ng	99
47) 2-Chloronaphthalene	9.369	162	457929	41.133	ng	99
48) 2-Nitroaniline	9.463	65	161814	48.090	ng	99
49) Acenaphthylene	9.787	152	647976	42.279	ng	99
50) Dimethylphthalate	9.639	163	496374	42.624	ng	99
51) 2,6-Dinitrotoluene	9.704	165	92326	48.254	ng	99
52) Acenaphthene	9.957	154	422277	41.869	ng	100
53) 3-Nitroaniline	9.869	138	110544	47.665	ng	96
54) 2,4-Dinitrophenol	9.975	184	28355	46.217	ng	# 69
55) Dibenzofuran	10.128	168	602575	42.251	ng	100
56) 4-Nitrophenol	10.016	139	85715	45.864	ng	96
57) 2,4-Dinitrotoluene	10.104	165	126090	44.618	ng	99
58) Fluorene	10.475	166	446712	42.132	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	149133	46.097	ng	99
60) Diethylphthalate	10.345	149	470914	43.199	ng	99
61) 4-Chlorophenyl-phenylether	10.463	204	227995	42.203	ng	100
62) 4-Nitroaniline	10.481	138	104533	47.936	ng	98
63) Azobenzene	10.622	77	491364	42.769	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	49519	45.452	ng	94
66) n-Nitrosodiphenylamine	10.581	169	413097	41.480	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	221312	42.884	ng	98
68) Hexachlorobenzene	11.022	284	303404	42.661	ng	99
69) Atrazine	11.104	200	130018	45.083	ng	99
70) Pentachlorophenol	11.210	266	163934	46.307	ng	99
71) Phenanthrene	11.439	178	657630	42.299	ng	100
72) Anthracene	11.486	178	674513	43.252	ng	99
73) Carbazole	11.639	167	601493	44.114	ng	100
74) Di-n-butylphthalate	11.975	149	724195	46.182	ng	100
75) Fluoranthene	12.628	202	719722	46.027	ng	100
77) Benzidine	12.751	184	368236	40.236	ng	99
78) Pyrene	12.857	202	759210	41.117	ng	100
80) Butylbenzylphthalate	13.475	149	298166	46.674	ng	99
81) Benzo(a)anthracene	14.045	228	833201	41.296	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	373433	42.723	ng	99
83) Chrysene	14.080	228	799482	43.791	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	427966	45.704	ng	97
85) Di-n-octyl phthalate	14.651	149	756048	44.512	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	1728261	43.111	ng	99
88) Benzo(b)fluoranthene	15.098	252	1234859	45.894	ng	100
89) Benzo(k)fluoranthene	15.133	252	1105146	40.882	ng	99
90) Benzo(a)pyrene	15.474	252	1093771	43.246	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	1422887	43.395	ng	99
92) Benzo(g,h,i)perylene	17.480	276	1366956	43.247	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

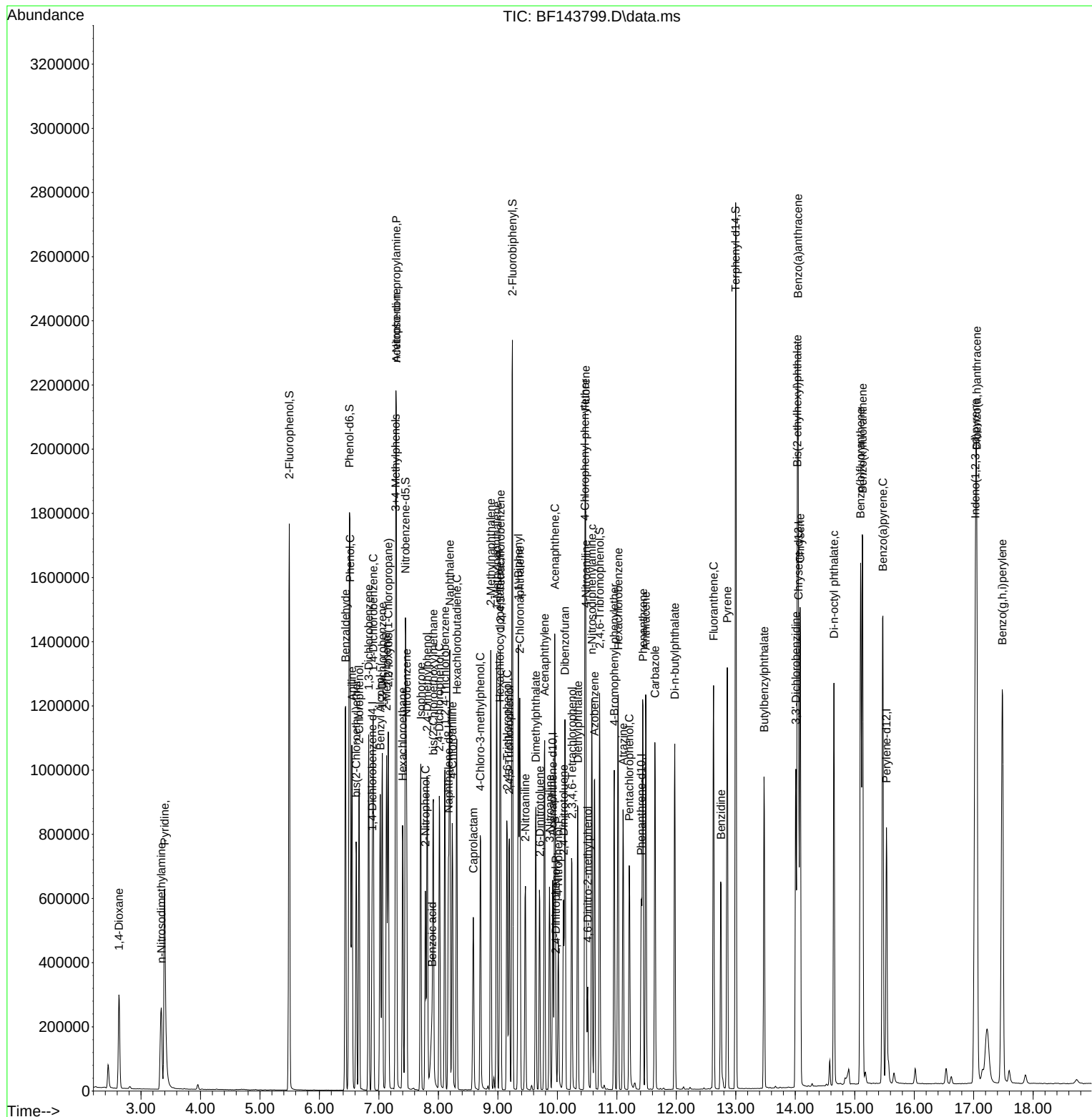
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Acq On    : 23 Sep 2025   17:42  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 12    Sample Multiplier: 1
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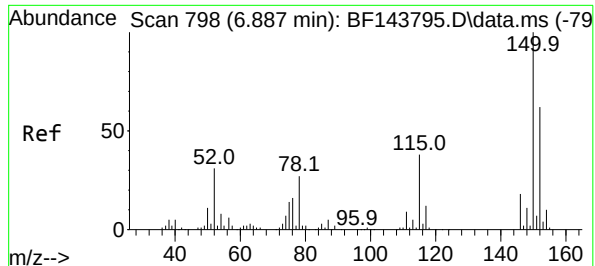
Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

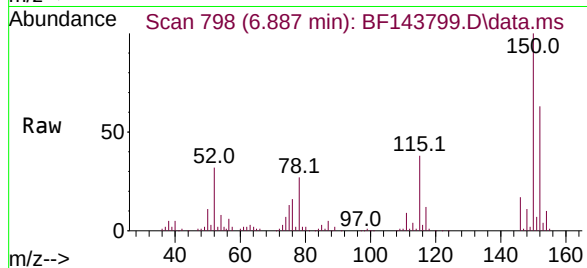
Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

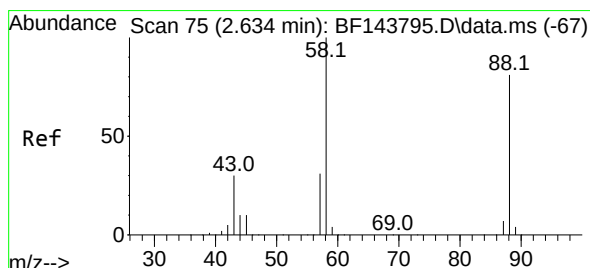
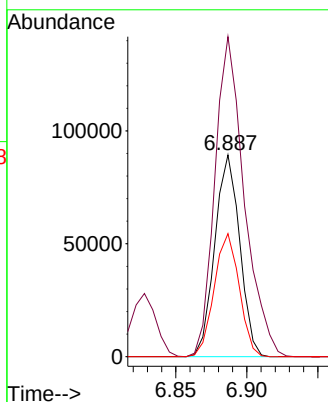
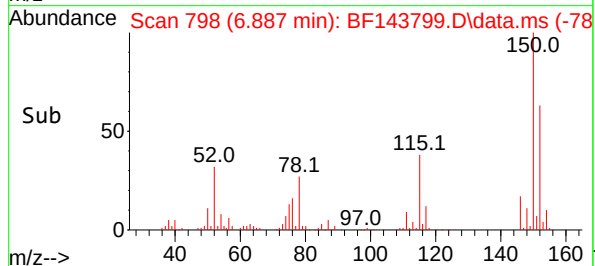
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:152 Resp: 109221
Ion Ratio Lower Upper
152 100
150 158.7 129.6 194.4
115 61.0 49.0 73.4

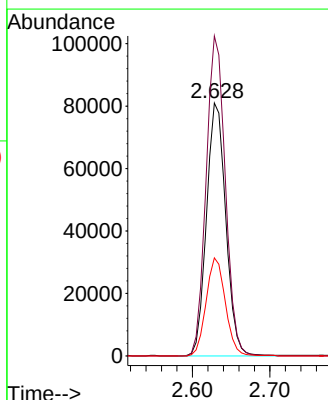
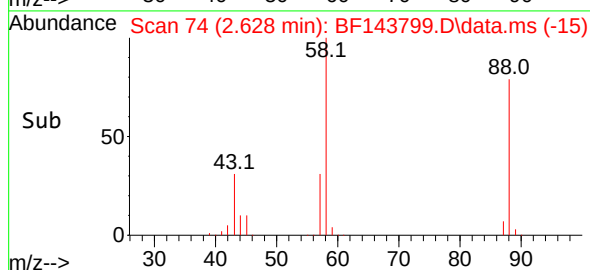
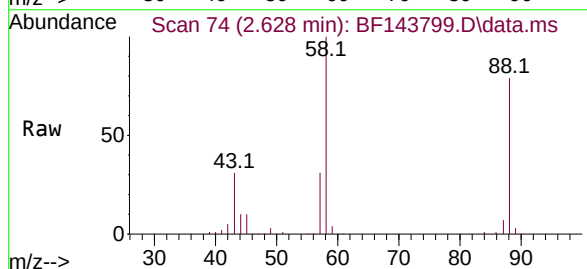
Manual Integrations
APPROVED

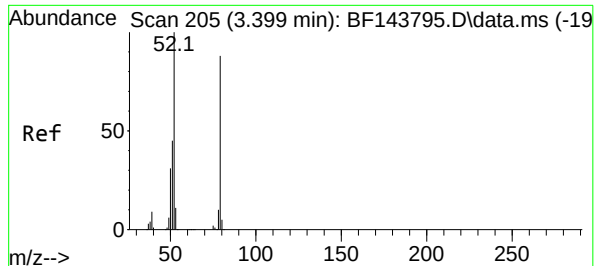
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#2
1,4-Dioxane
Concen: 43.647 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

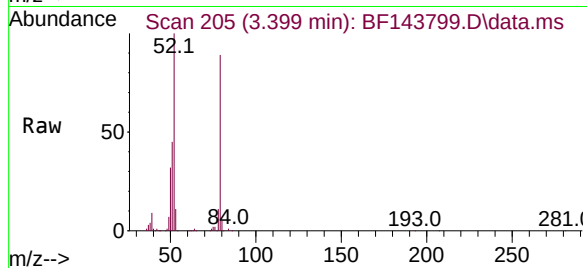
Tgt Ion: 88 Resp: 140442
Ion Ratio Lower Upper
88 100
58 125.4 99.4 149.2
43 38.5 30.6 45.8





#3
Pyridine
Concen: 43.022 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

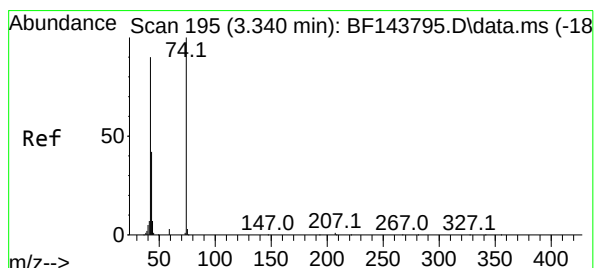
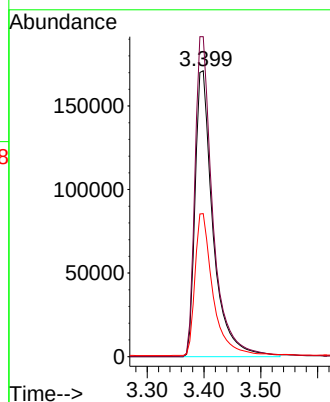
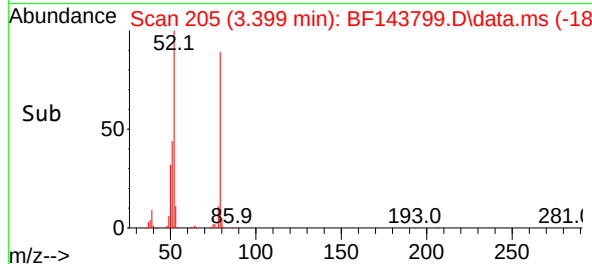
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 79 Resp: 373668
Ion Ratio Lower Upper
79 100
52 112.0 90.5 135.7
51 50.0 40.6 61.0

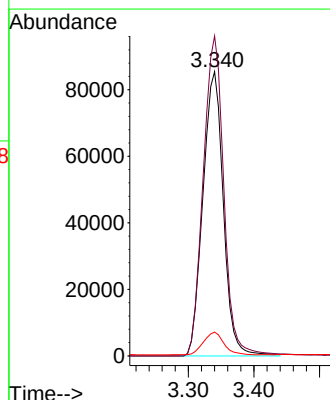
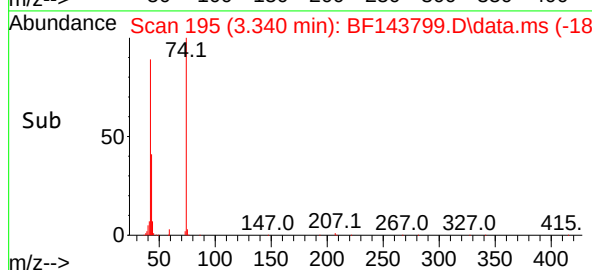
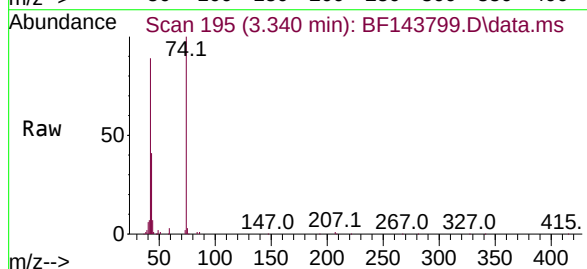
Manual Integrations
APPROVED

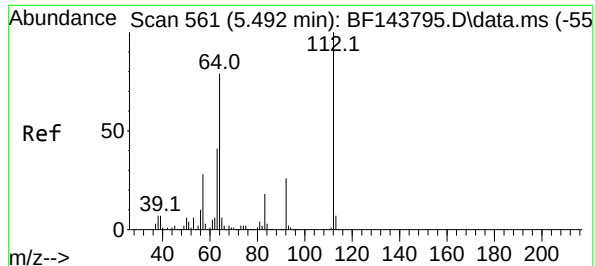
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#4
n-Nitrosodimethylamine
Concen: 42.441 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

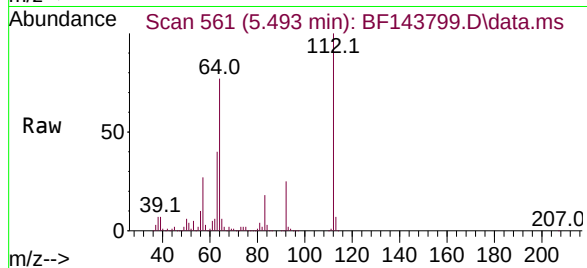
Tgt Ion: 42 Resp: 184836
Ion Ratio Lower Upper
42 100
74 112.6 89.1 133.7
44 8.3 6.4 9.6





#5
2-Fluorophenol
Concen: 86.573 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

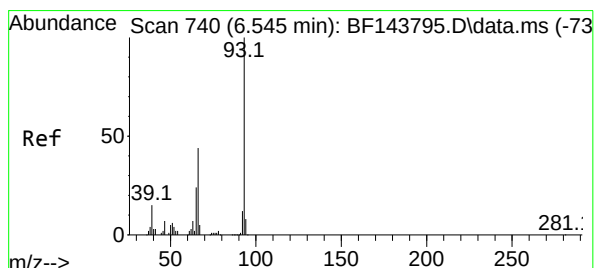
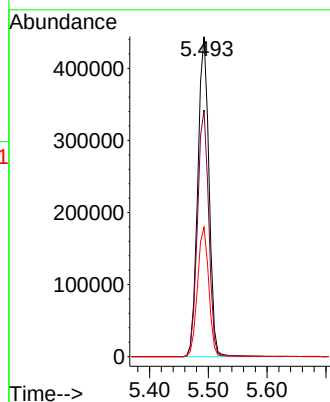
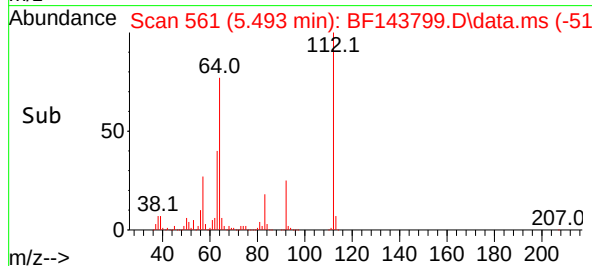
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 112 Resp: 58754
Ion Ratio Lower Upper
112 100
64 77.1 63.0 94.4
63 40.4 32.6 49.0

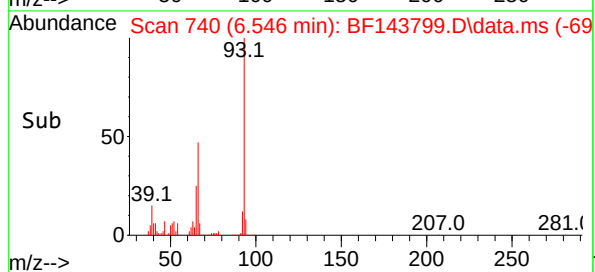
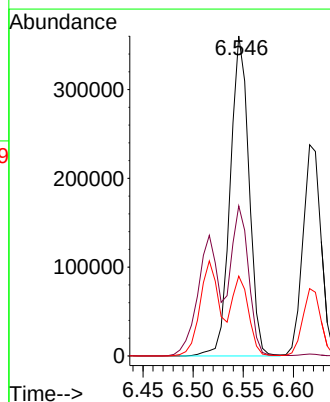
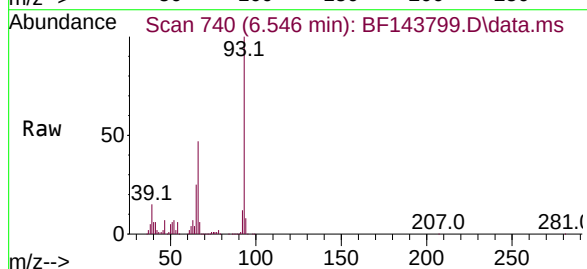
Manual Integrations
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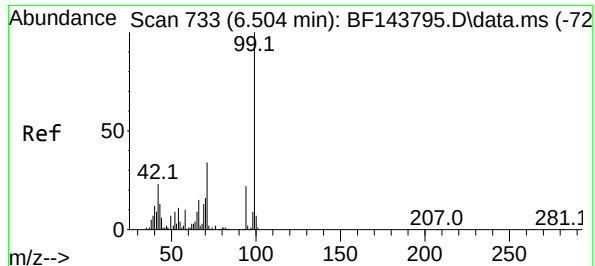
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#6
Aniline
Concen: 41.592 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 93 Resp: 468886
Ion Ratio Lower Upper
93 100
66 46.9 37.1 55.7
65 24.9 19.4 29.0





#7

Phenol-d6

Concen: 81.847 ng

RT: 6.504 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

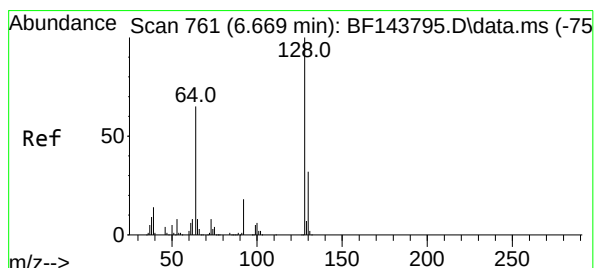
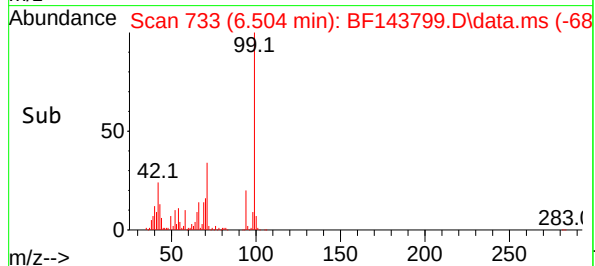
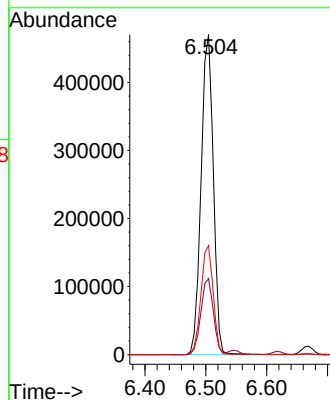
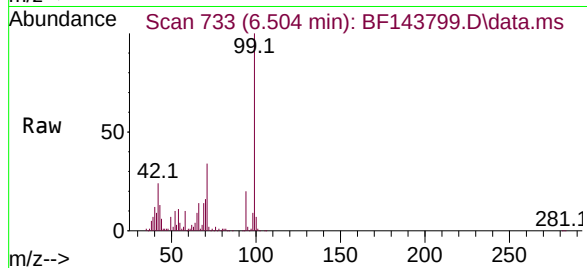
Tgt Ion:	99	Resp:	655490
Ion	Ratio	Lower	Upper
99	100		
42	23.7	18.6	28.0
71	34.0	27.0	40.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#8

2-Chlorophenol

Concen: 42.456 ng

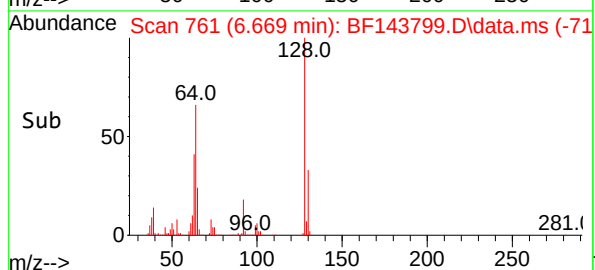
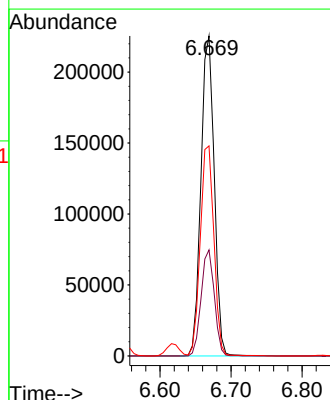
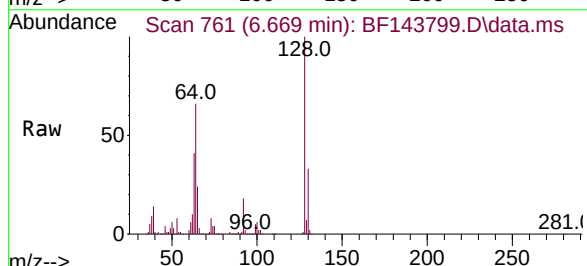
RT: 6.669 min Scan# 761

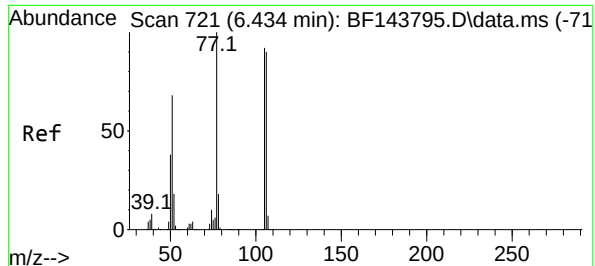
Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

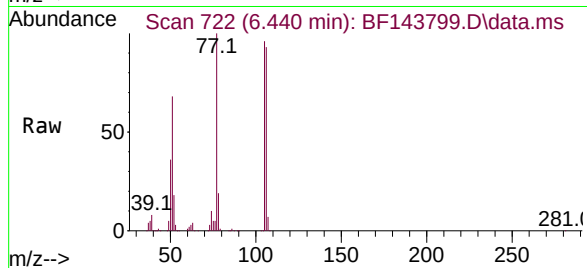
Tgt Ion:	128	Resp:	292186
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.2	52.2
64	65.6	46.5	86.5





#9
Benzaldehyde
Concen: 46.667 ng
RT: 6.440 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

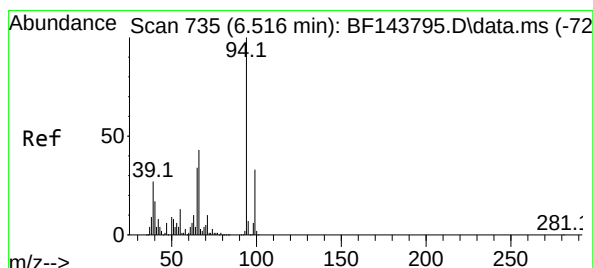
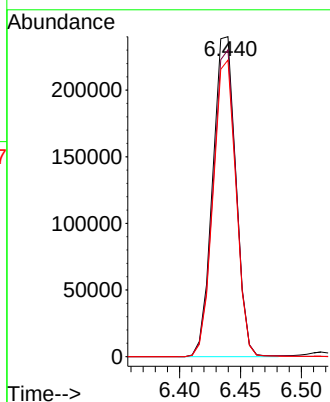
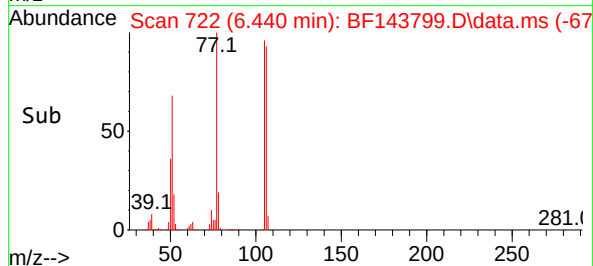
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 77 Resp: 317430
Ion Ratio Lower Upper
77 100
105 95.9 71.8 111.8
106 92.7 69.8 109.8

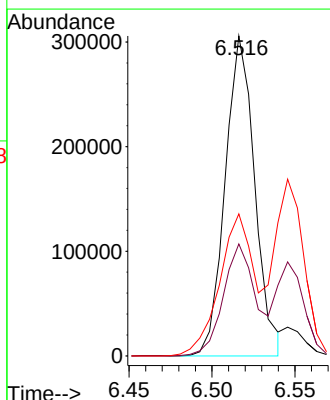
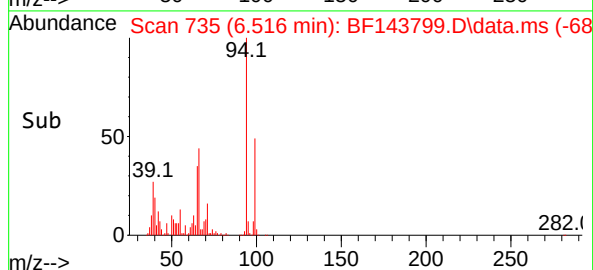
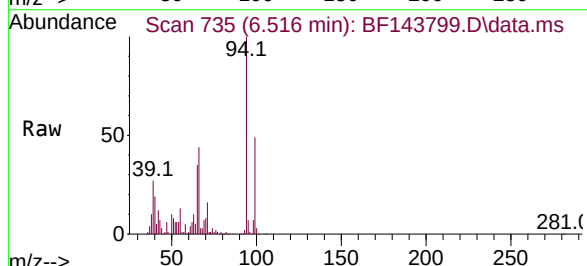
Manual Integrations
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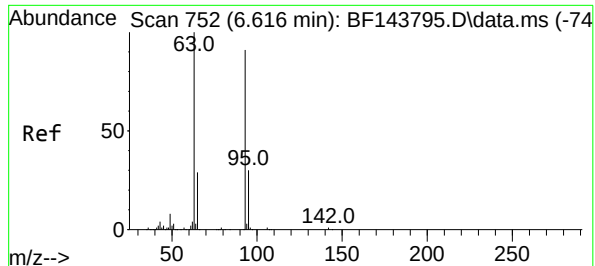
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#10
Phenol
Concen: 41.956 ng m
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 94 Resp: 378799
Ion Ratio Lower Upper
94 100
65 35.0 14.2 54.2
66 44.4 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 41.891 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion: 93 Resp: 296472

Ion Ratio Lower Upper

93 100

63 110.1 89.2 129.2

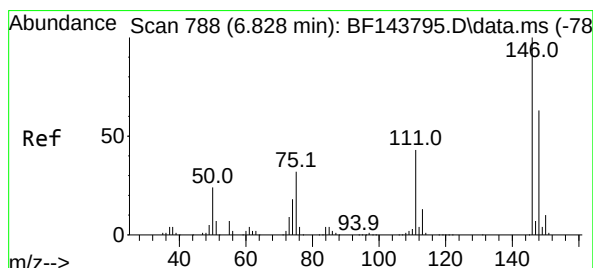
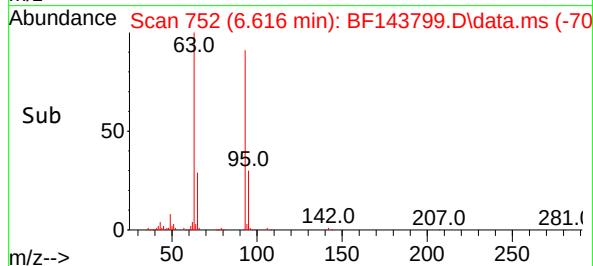
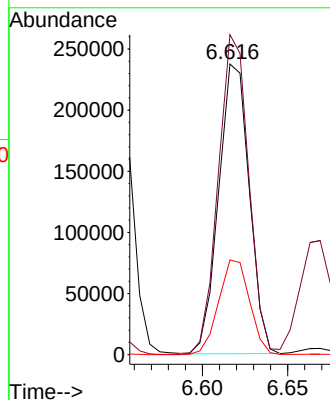
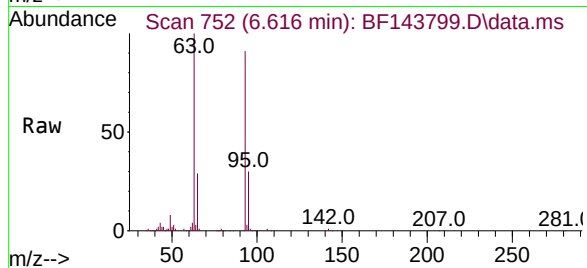
95 32.5 12.9 52.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#12

1,3-Dichlorobenzene

Concen: 42.271 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

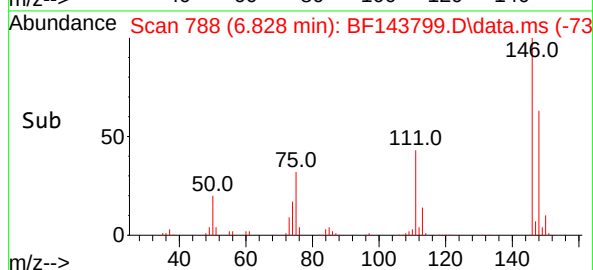
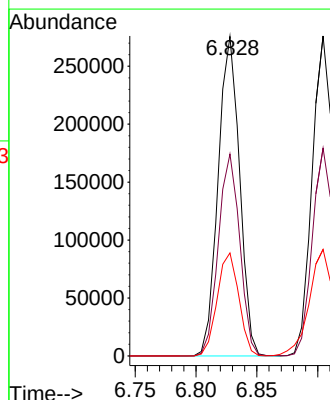
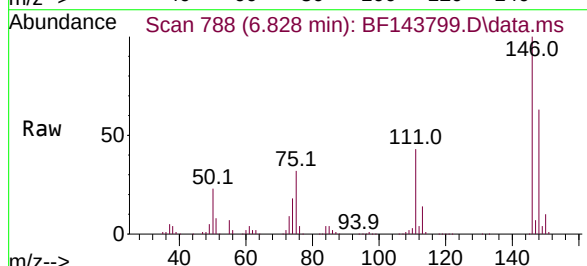
Tgt Ion:146 Resp: 337770

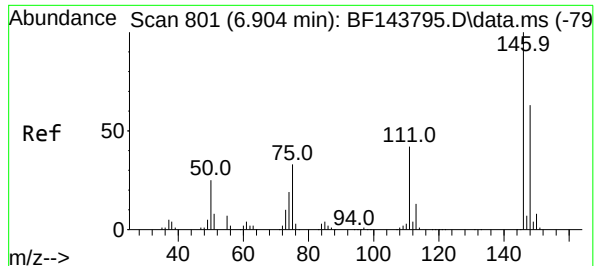
Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

75 32.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 41.859 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:146 Resp: 333799

Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

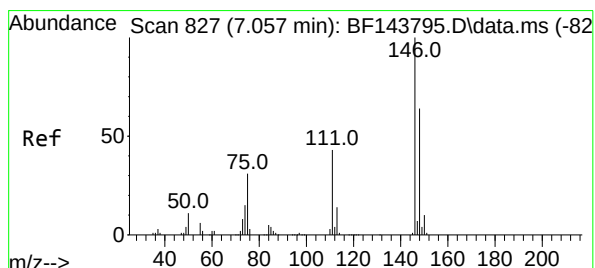
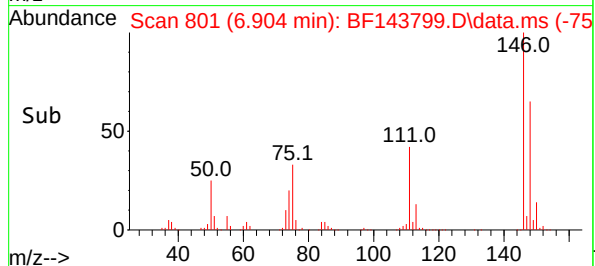
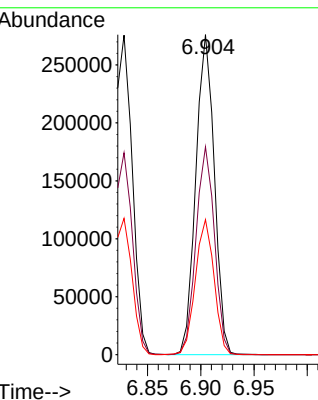
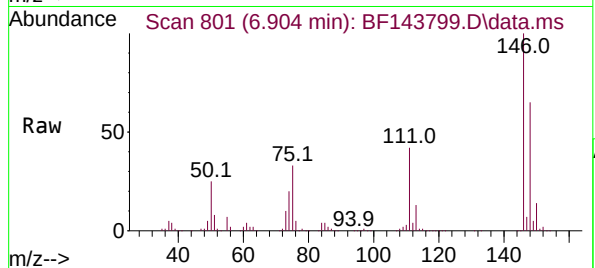
111 42.2 33.4 50.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#14

1,2-Dichlorobenzene

Concen: 41.736 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

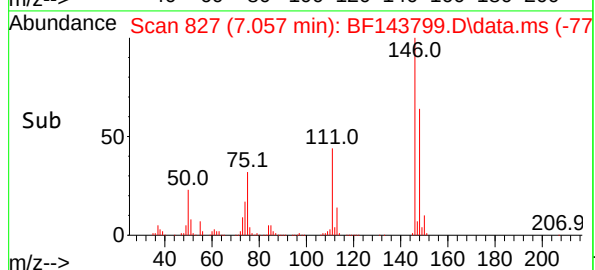
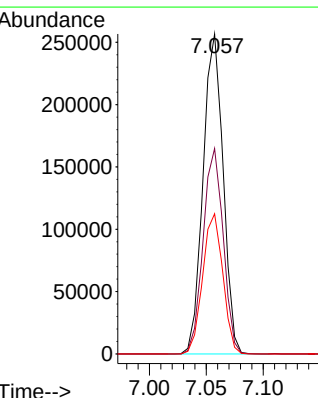
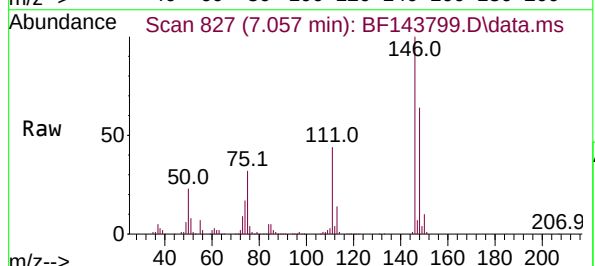
Tgt Ion:146 Resp: 315213

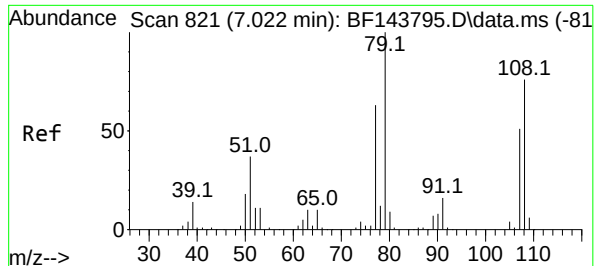
Ion Ratio Lower Upper

146 100

148 64.2 51.1 76.7

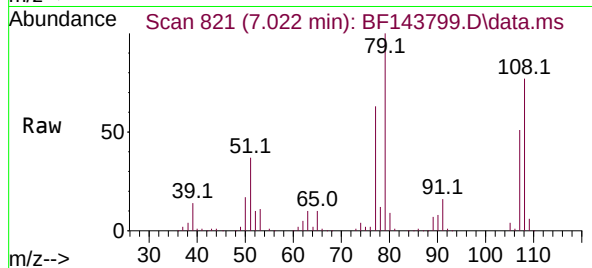
111 43.8 34.3 51.5





#15
Benzyl Alcohol
Concen: 42.558 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

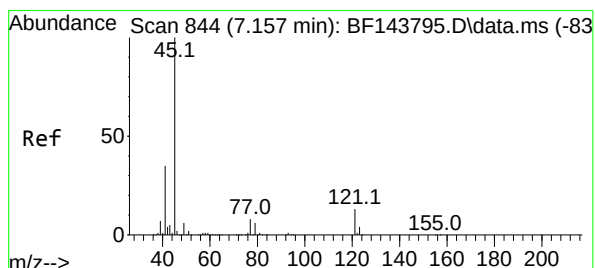
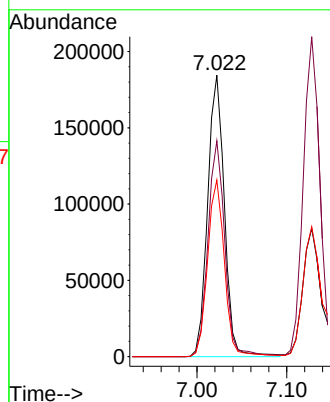
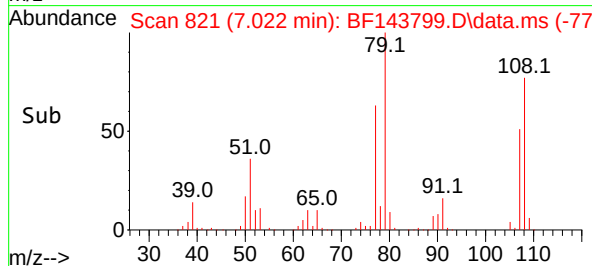
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 79 Resp: 23885
Ion Ratio Lower Upper
79 100
108 76.7 60.5 90.7
77 62.8 50.3 75.5

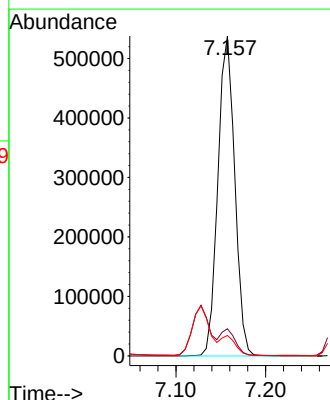
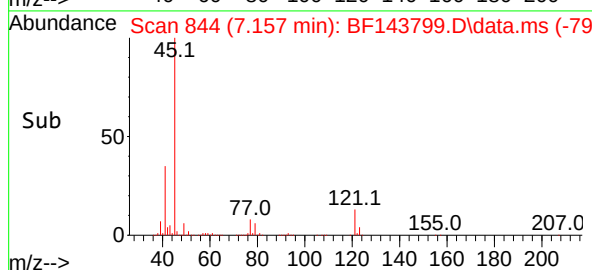
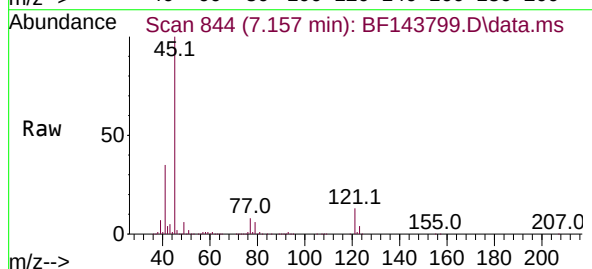
Manual Integrations
APPROVED

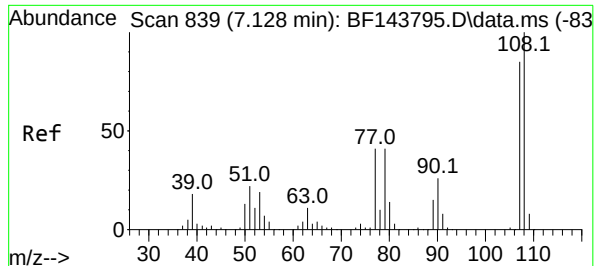
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.868 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

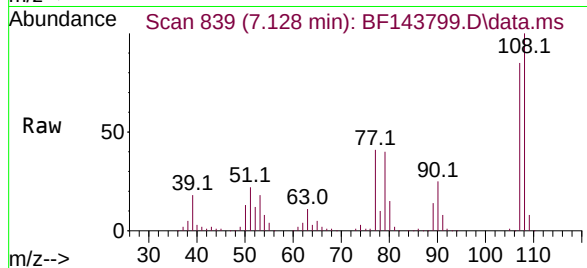
Tgt Ion: 45 Resp: 702630
Ion Ratio Lower Upper
45 100
77 8.5 0.0 28.5
79 6.4 0.0 26.3





#17
2-Methylphenol
Concen: 42.304 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

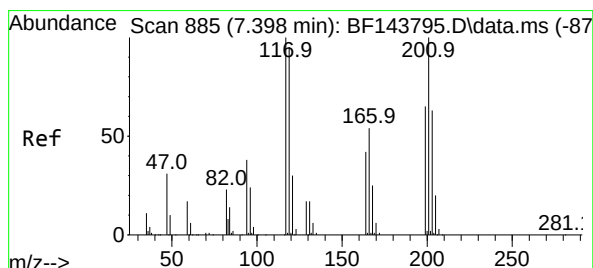
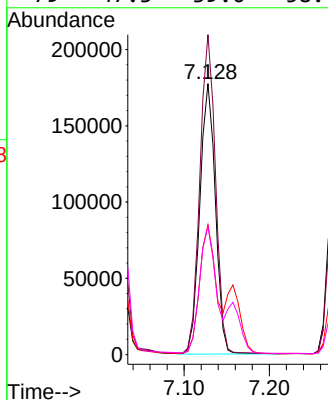
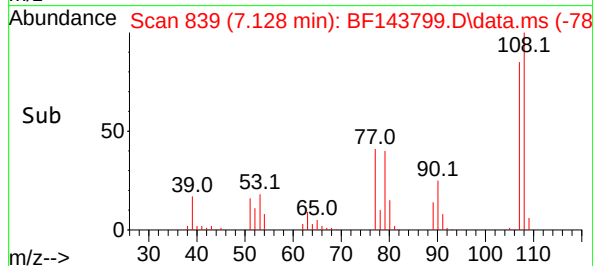
Instrument :
BNA_F
Client Sample Id :
ICVBF092325



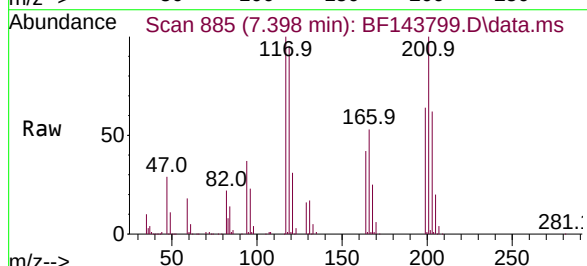
Tgt Ion:107 Resp: 225398
Ion Ratio Lower Upper
107 100
108 118.1 94.2 141.4
77 47.9 38.6 58.0
79 47.3 39.0 58.4

Manual Integrations
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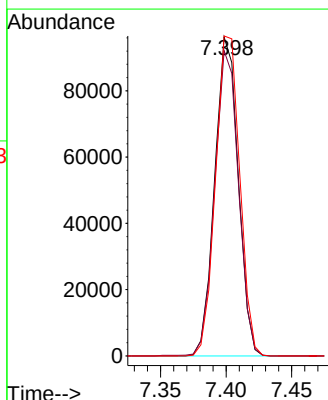
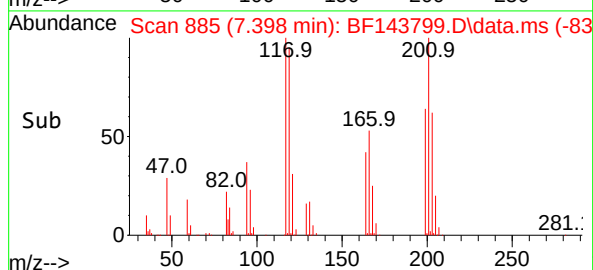
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

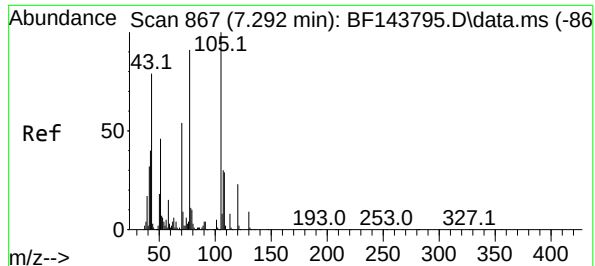


#18
Hexachloroethane
Concen: 42.878 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



Tgt Ion:117 Resp: 120246
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
201 100.4 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.810 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion: 70 Resp: 198845

Ion Ratio Lower Upper

70 100

42 74.7 59.4 89.0

101 8.5 7.1 10.7

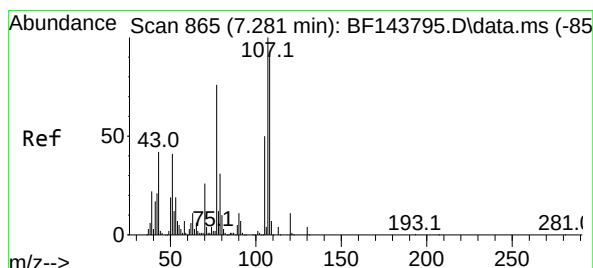
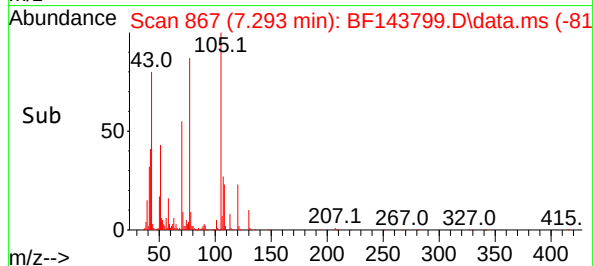
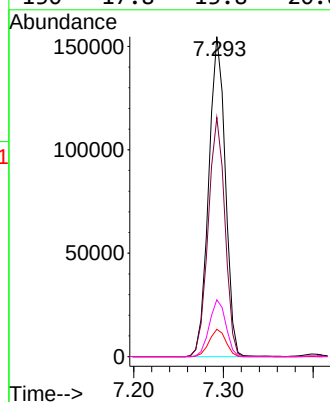
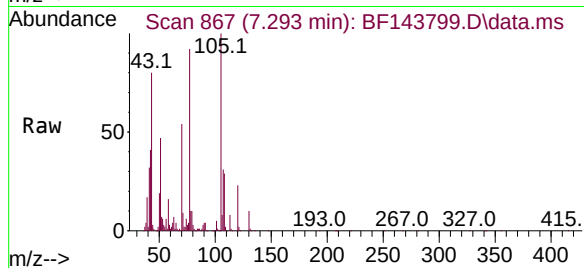
130 17.8 13.8 20.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#20

3+4-Methylphenols

Concen: 43.619 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion:107 Resp: 283024

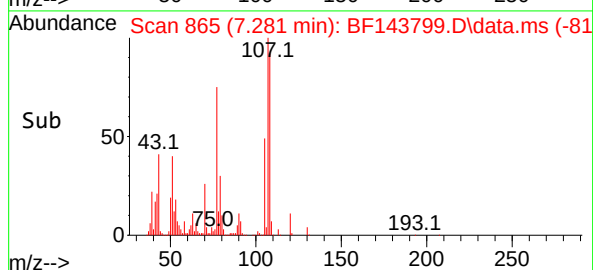
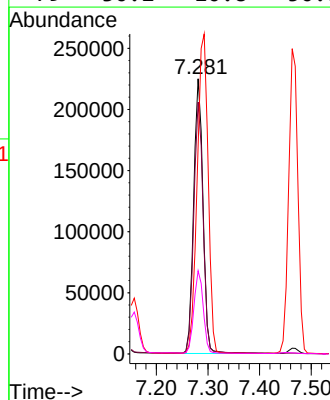
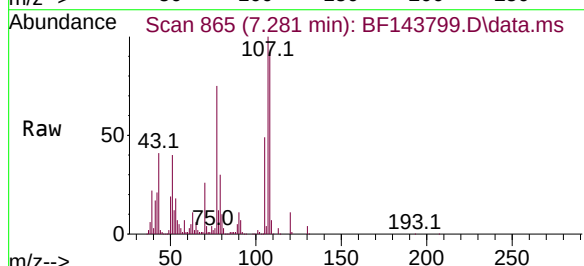
Ion Ratio Lower Upper

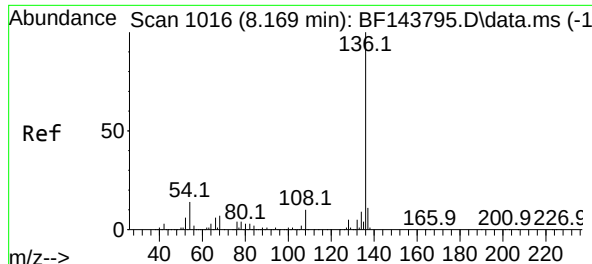
107 100

108 91.5 72.5 112.5

77 75.4 56.2 96.2

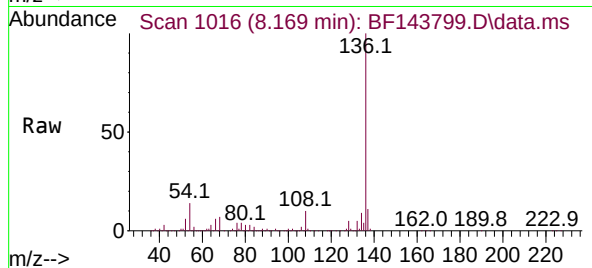
79 30.2 10.8 50.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

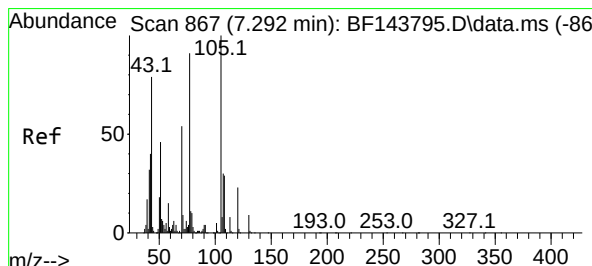
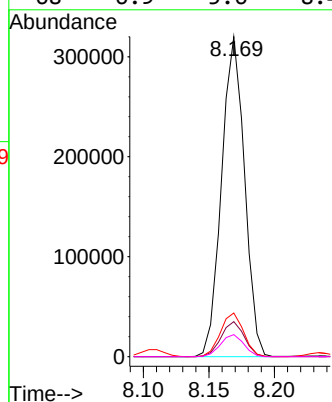
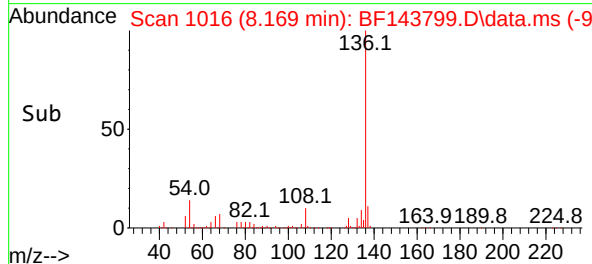
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:136 Resp: 390323
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 13.6 11.2 16.8
68 6.9 5.6 8.4

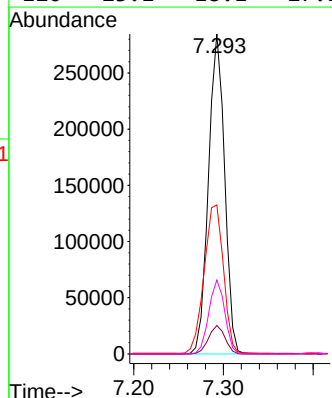
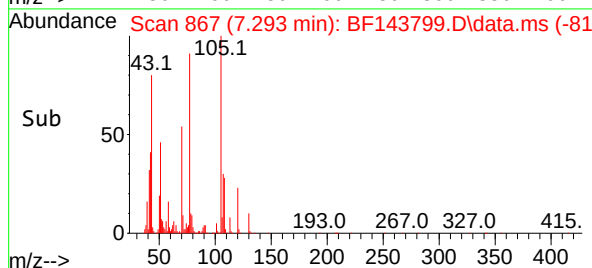
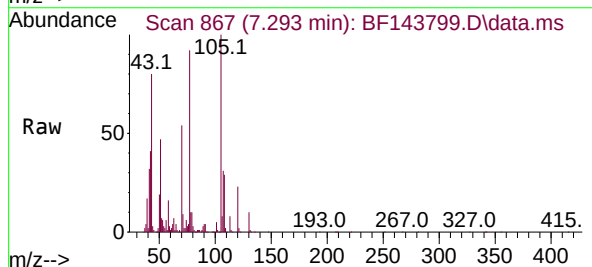
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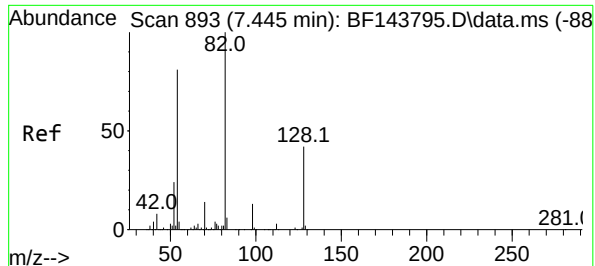
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#22
Acetophenone
Concen: 41.524 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:105 Resp: 355985
Ion Ratio Lower Upper
105 100
71 8.9 7.0 10.4
51 46.5 36.6 55.0
120 23.1 18.1 27.1





#23

Nitrobenzene-d5

Concen: 90.799 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion: 82 Resp: 563159

Ion Ratio Lower Upper

82 100

128 42.2 33.3 49.9

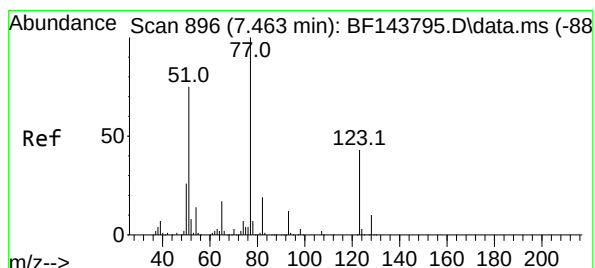
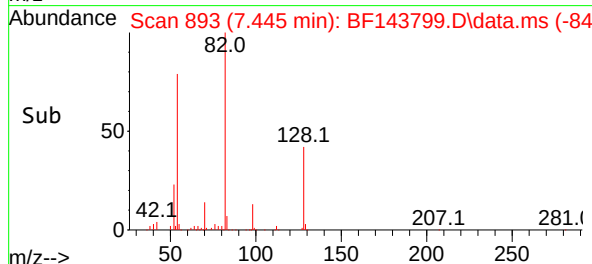
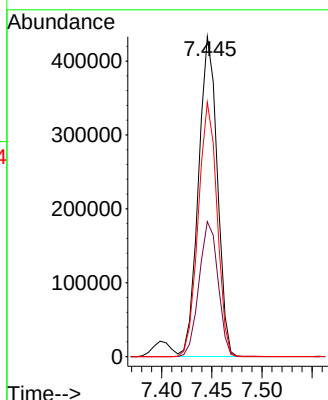
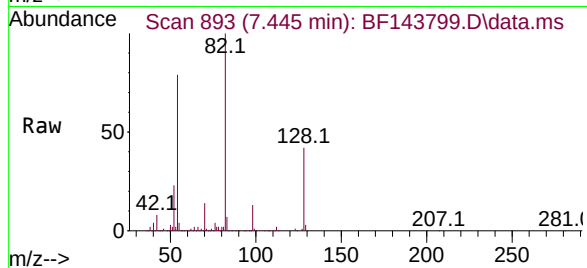
54 79.5 64.2 96.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#24

Nitrobenzene

Concen: 43.582 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

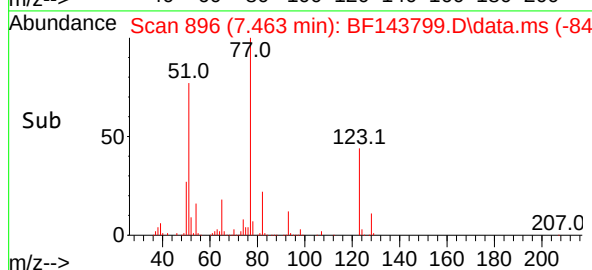
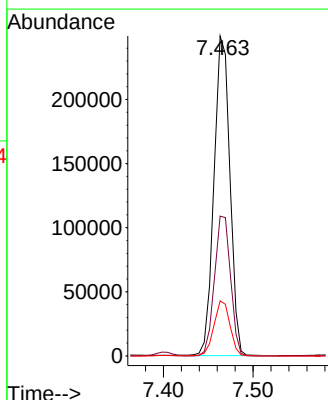
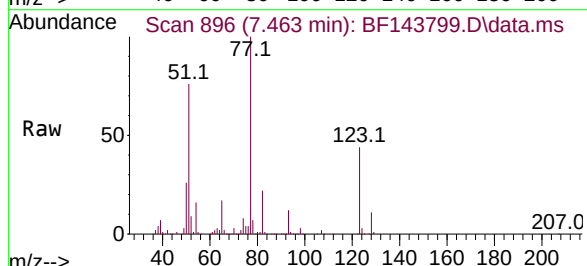
Tgt Ion: 77 Resp: 308041

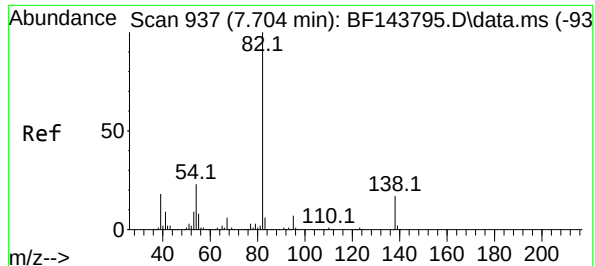
Ion Ratio Lower Upper

77 100

123 43.7 34.0 51.0

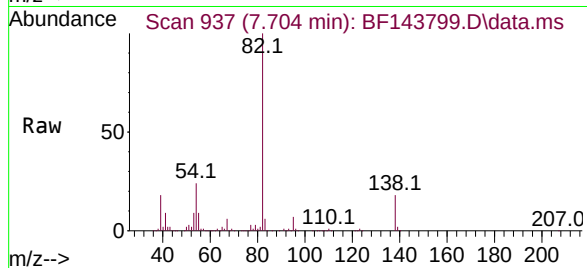
65 17.2 13.5 20.3





#25
Isophorone
Concen: 41.778 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

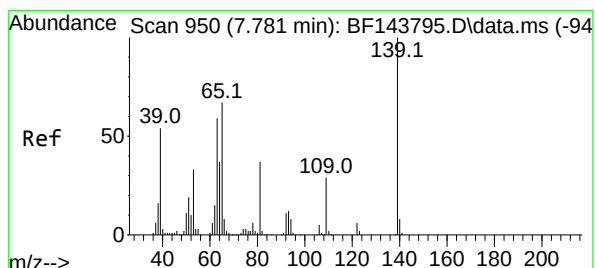
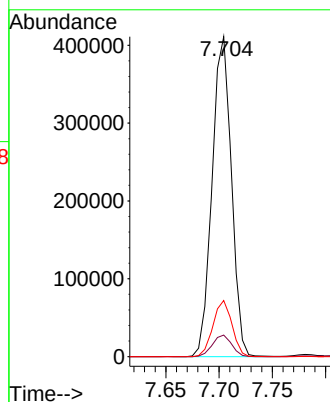
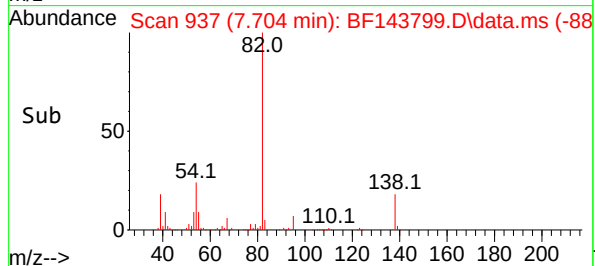
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion: 82 Resp: 519134
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 17.5 13.7 20.5

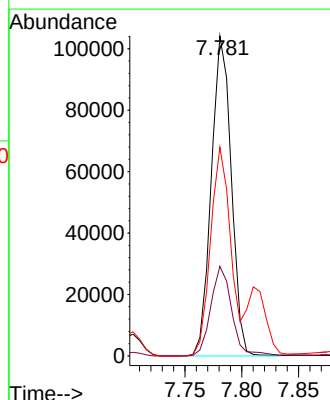
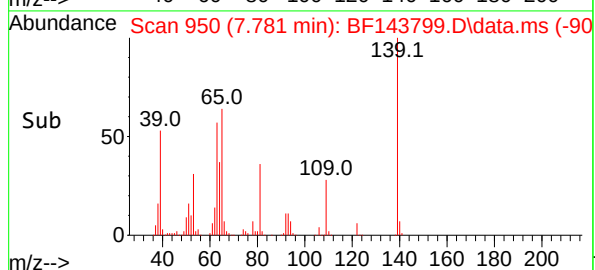
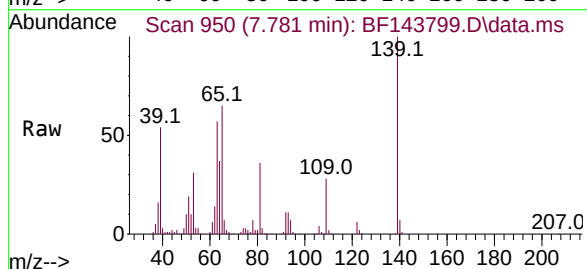
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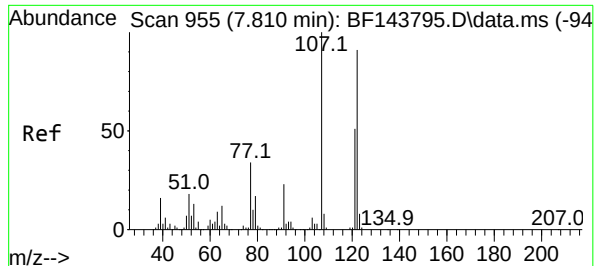
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#26
2-Nitrophenol
Concen: 44.135 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

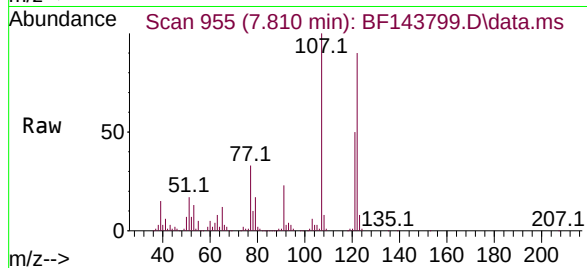
Tgt Ion:139 Resp: 127397
Ion Ratio Lower Upper
139 100
109 28.0 23.3 34.9
65 65.2 53.8 80.6





#27
2,4-Dimethylphenol
Concen: 42.725 ng
RT: 7.810 min Scan# 955
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

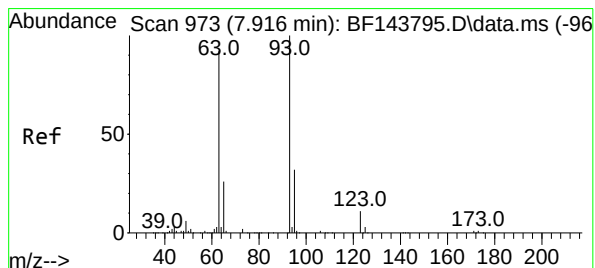
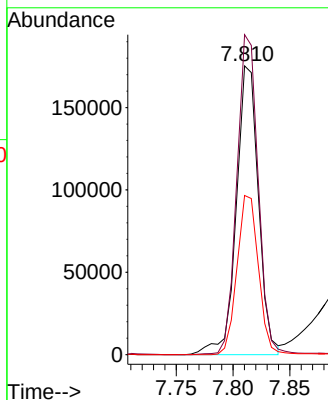
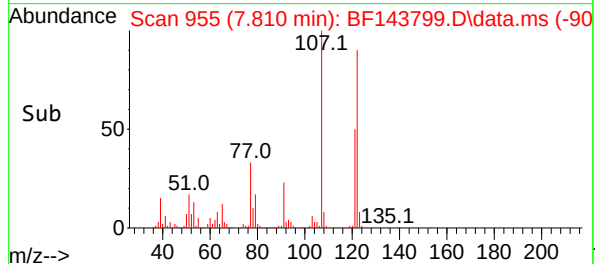
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:122 Resp: 237292
Ion Ratio Lower Upper
122 100
107 110.8 87.5 131.3
121 55.1 44.2 66.4

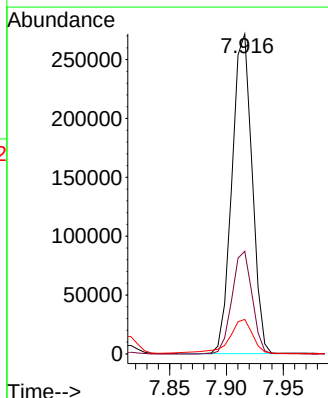
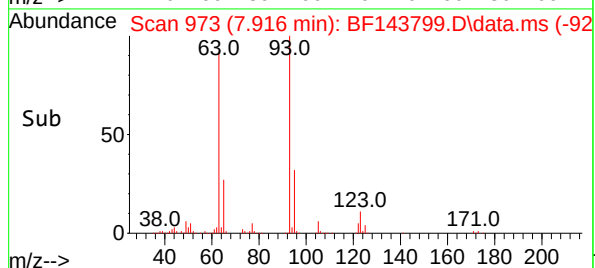
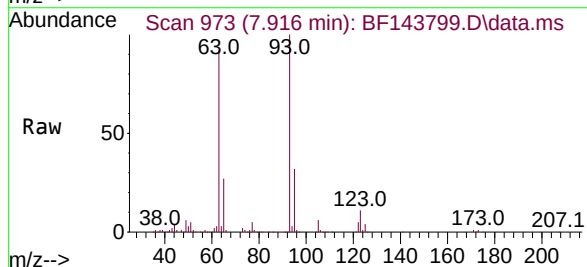
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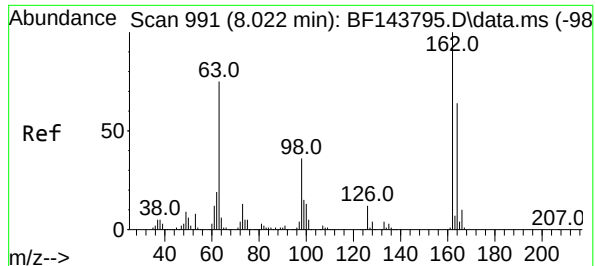
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#28
bis(2-Chloroethoxy)methane
Concen: 41.459 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion: 93 Resp: 334704
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 10.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 42.921 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:162 Resp: 23456

Ion Ratio Lower Upper

162 100

164 64.3 44.1 84.1

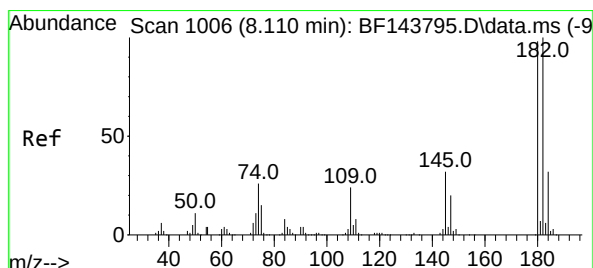
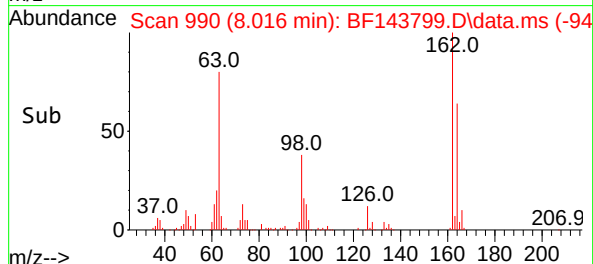
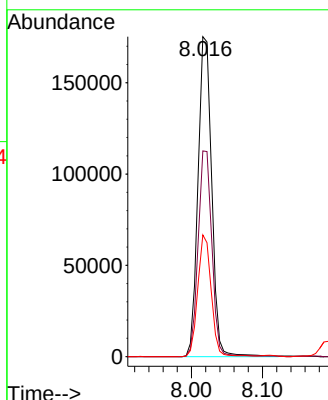
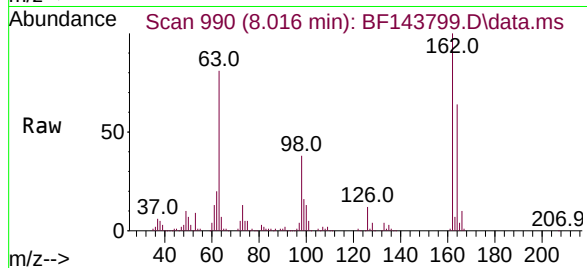
98 38.0 15.8 55.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.395 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

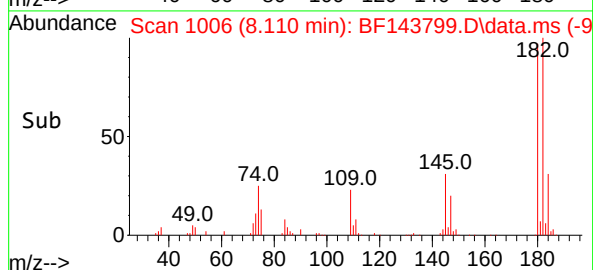
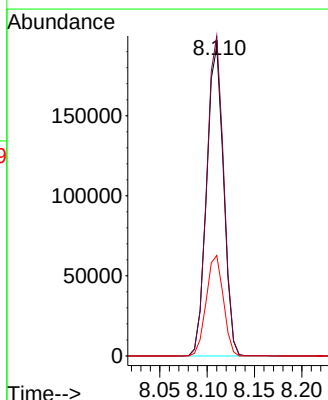
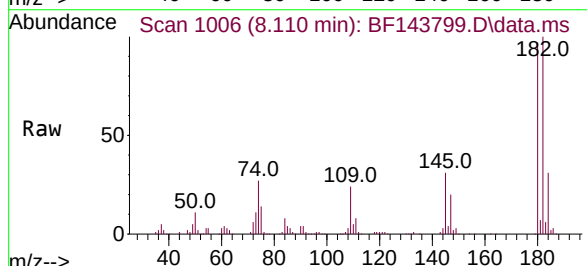
Tgt Ion:180 Resp: 240436

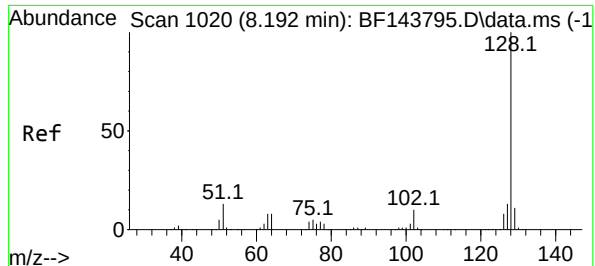
Ion Ratio Lower Upper

180 100

182 103.4 82.0 123.0

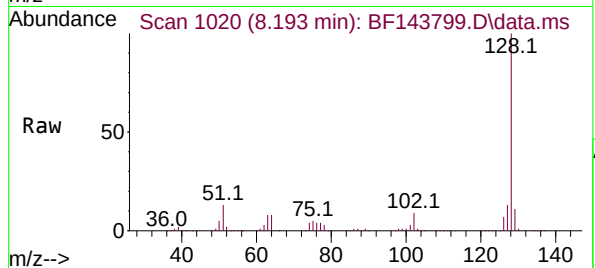
145 32.4 25.9 38.9





#31
Naphthalene
Concen: 42.019 ng
RT: 8.193 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

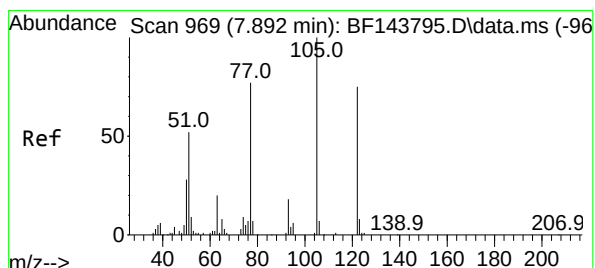
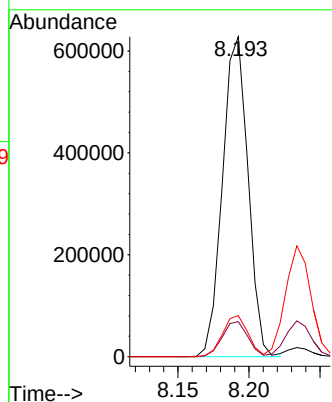
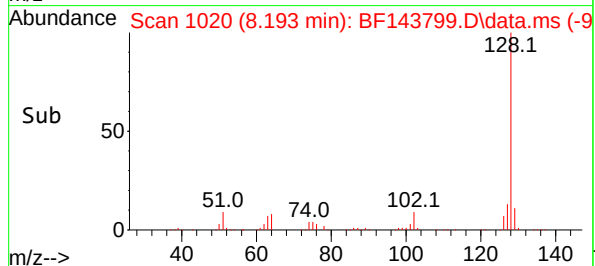
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:128 Resp: 785137
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.2 15.4

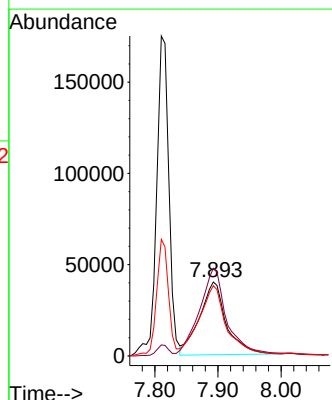
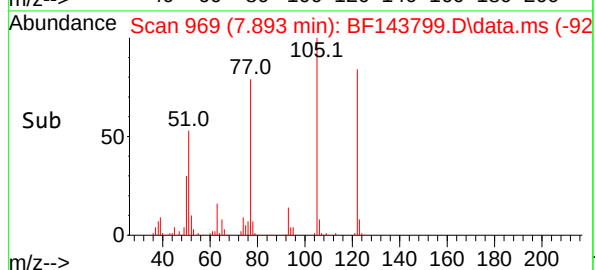
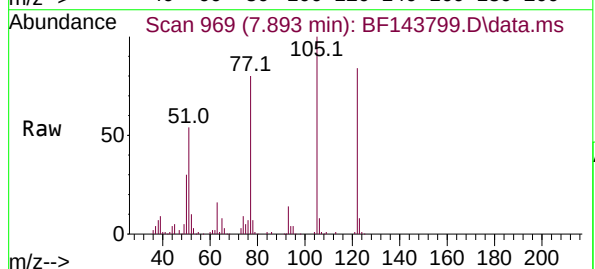
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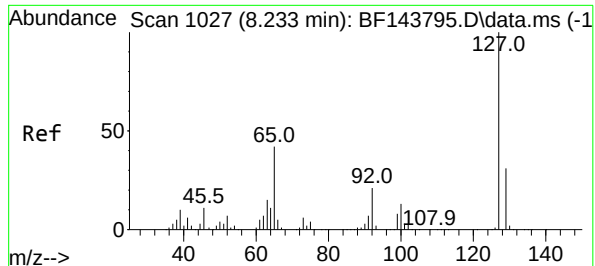
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#32
Benzoic acid
Concen: 43.922 ng
RT: 7.893 min Scan# 969
Delta R.T. -0.029 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:122 Resp: 117697
Ion Ratio Lower Upper
122 100
105 118.7 103.7 143.7
77 94.9 78.8 118.8





#33

4-Chloroaniline

Concen: 41.955 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:127 Resp: 275488

Ion Ratio Lower Upper

127 100

129 32.2 25.4 38.2

65 42.5 33.4 50.2

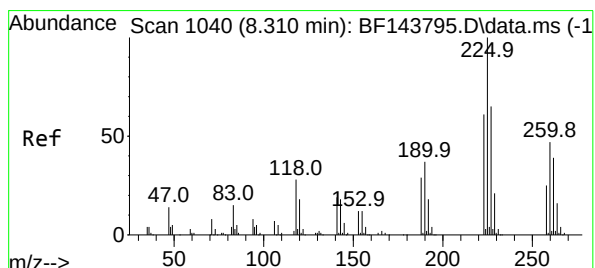
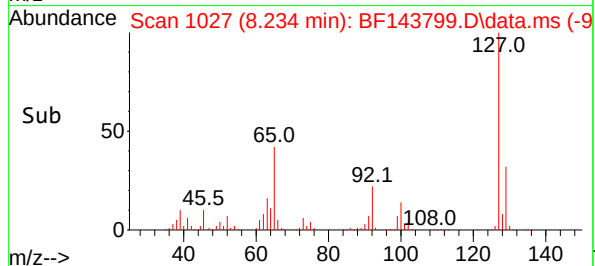
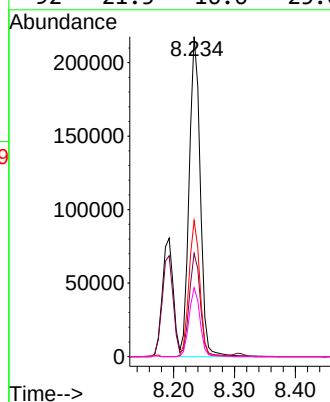
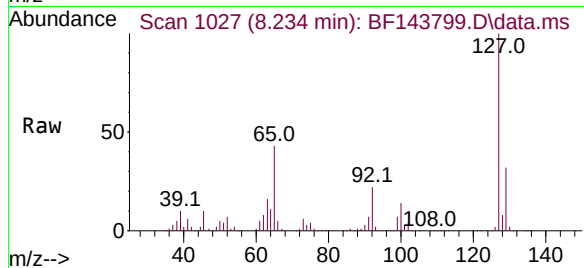
92 21.5 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#34

Hexachlorobutadiene

Concen: 42.413 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

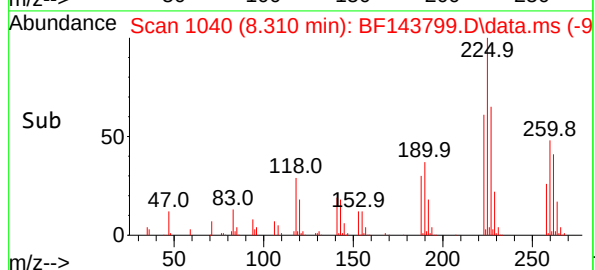
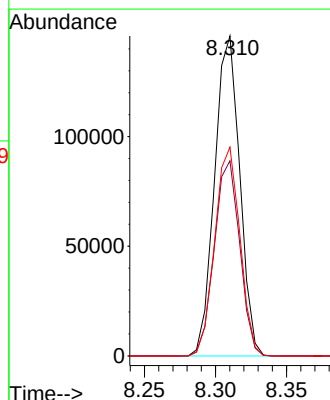
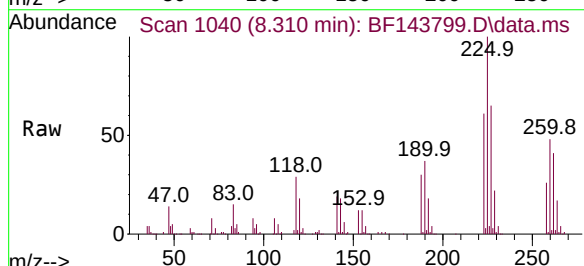
Tgt Ion:225 Resp: 179313

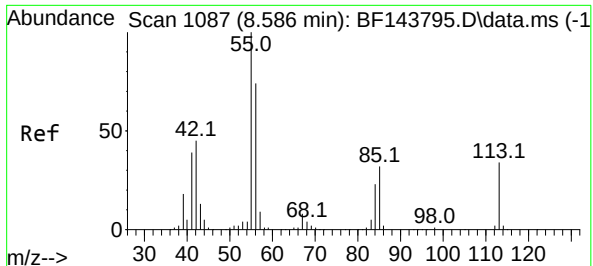
Ion Ratio Lower Upper

225 100

223 61.0 48.6 72.8

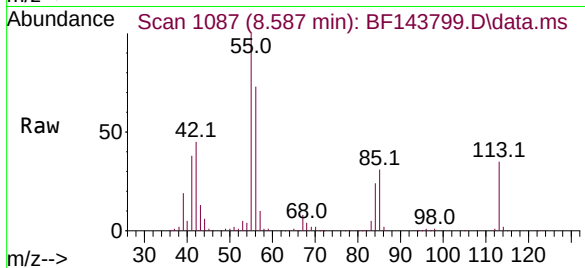
227 65.2 51.9 77.9





#35
Caprolactam
Concen: 44.018 ng
RT: 8.587 min Scan# 1087
Delta R.T. -0.023 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

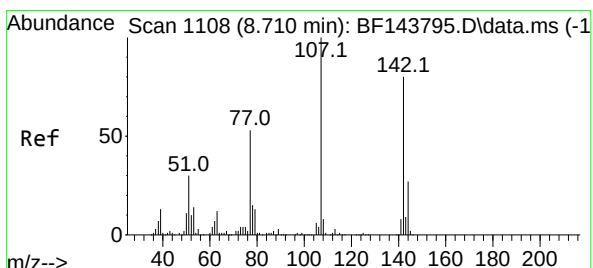
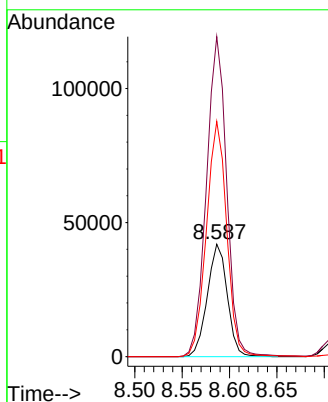
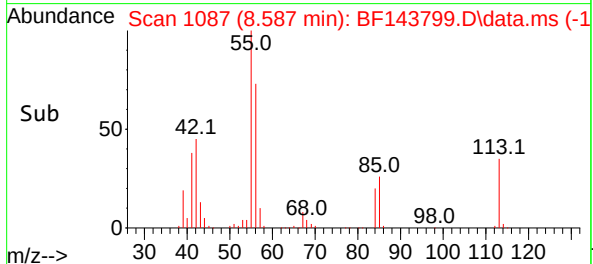
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:113 Resp: 61486
Ion Ratio Lower Upper
113 100
55 284.8 271.7 311.7
56 209.2 194.5 234.5

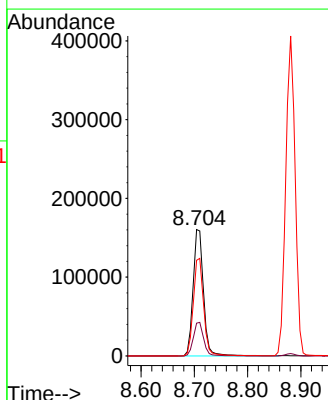
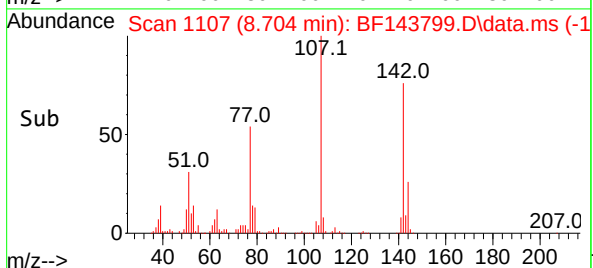
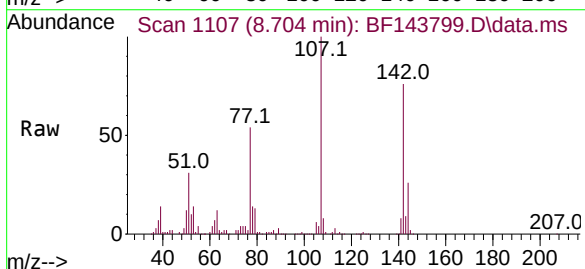
Manual Integrations
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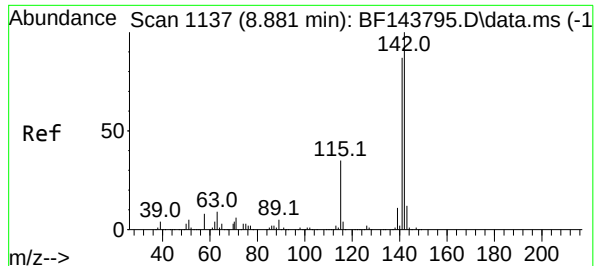
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#36
4-Chloro-3-methylphenol
Concen: 42.485 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:107 Resp: 217750
Ion Ratio Lower Upper
107 100
144 26.0 21.8 32.8
142 75.7 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.689 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:142 Resp: 496707

Ion Ratio Lower Upper

142 100

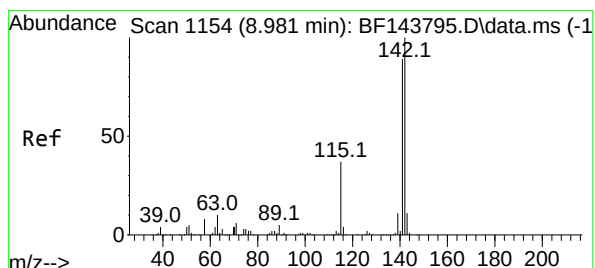
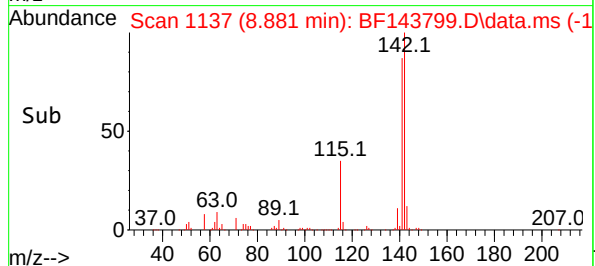
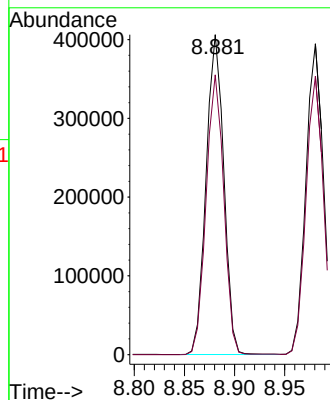
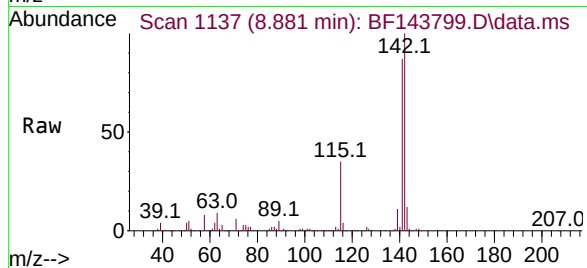
141 87.4 69.4 104.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#38

1-Methylnaphthalene

Concen: 41.968 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143799.D

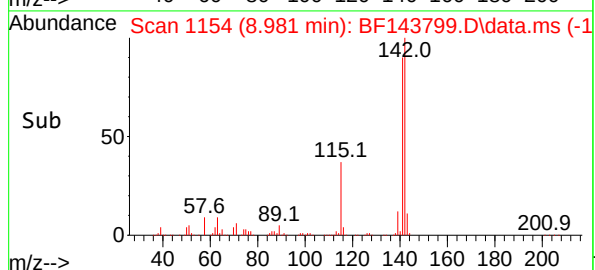
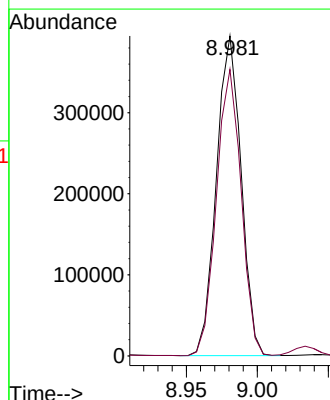
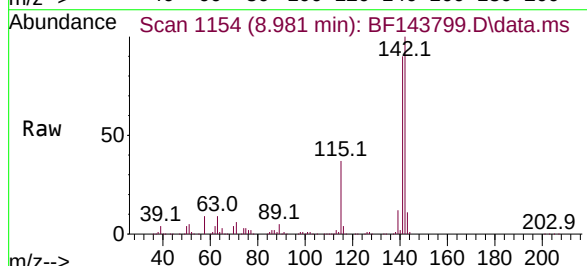
Acq: 23 Sep 2025 17:42

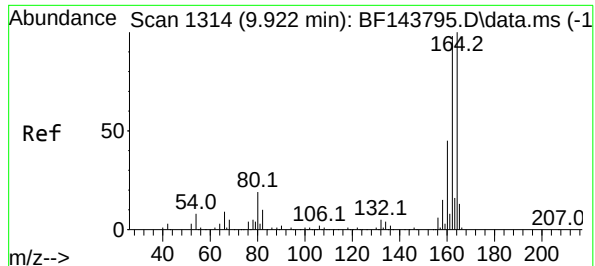
Tgt Ion:142 Resp: 478612

Ion Ratio Lower Upper

142 100

141 89.5 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:164 Resp: 191064

Ion Ratio Lower Upper

164 100

162 97.9 78.8 118.2

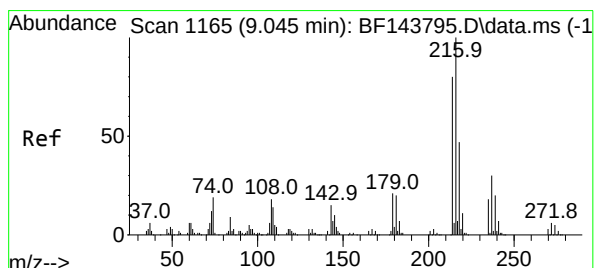
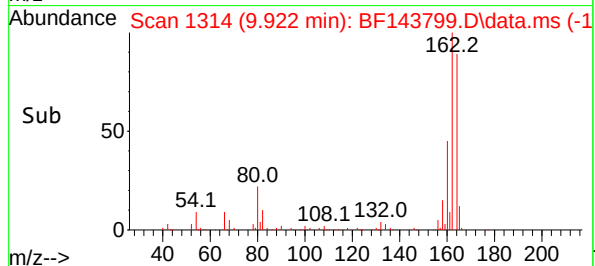
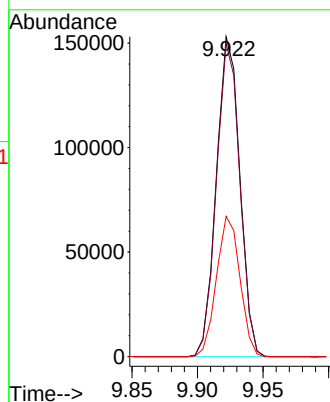
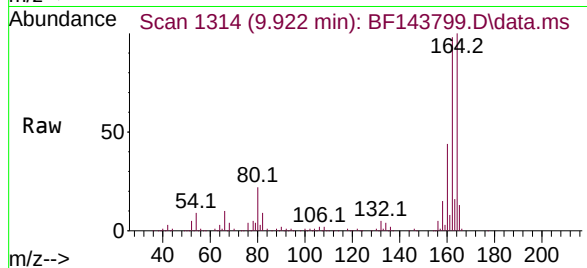
160 43.8 35.8 53.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.989 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion:216 Resp: 242106

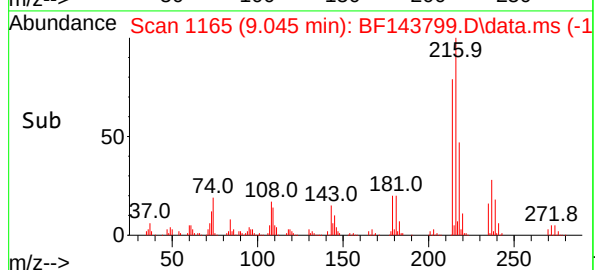
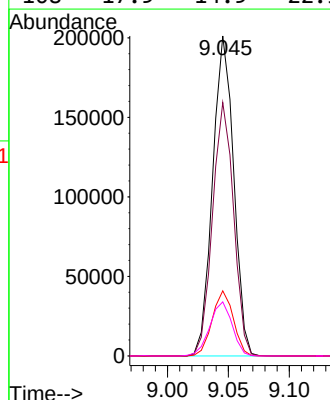
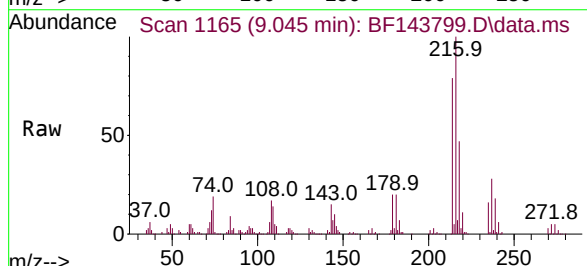
Ion Ratio Lower Upper

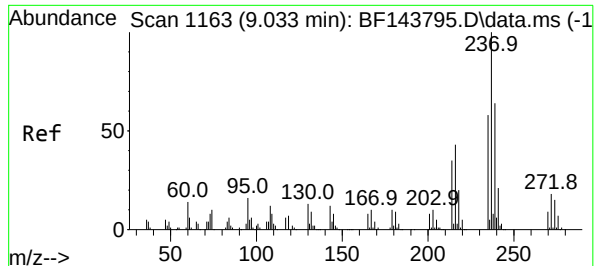
216 100

214 79.0 63.7 95.5

179 20.4 16.5 24.7

108 17.9 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 43.786 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

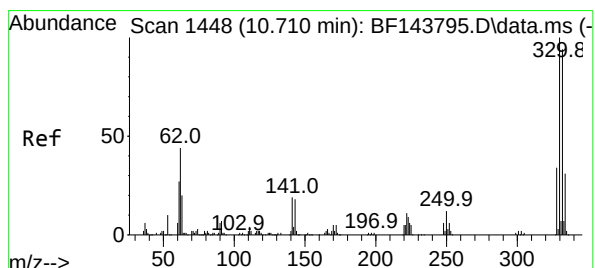
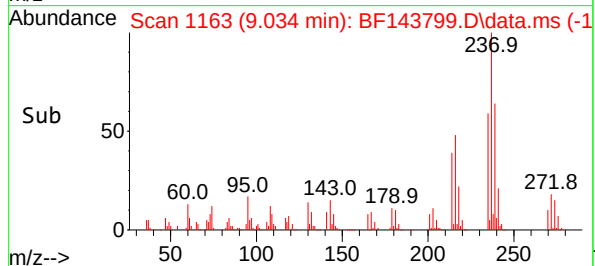
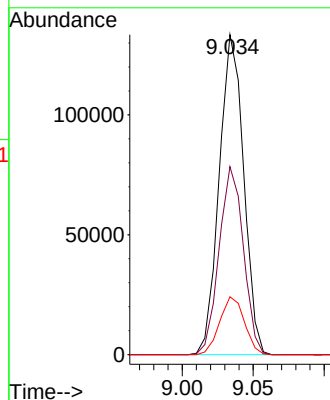
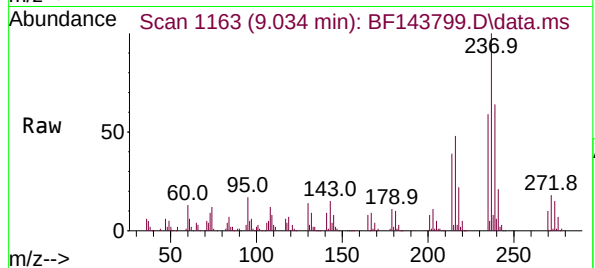
Tgt Ion:237	Resp: 160009
Ion Ratio	Lower Upper
237 100	
235 58.7	38.1 78.1
272 18.1	0.0 37.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#42

2,4,6-Tribromophenol

Concen: 95.600 ng

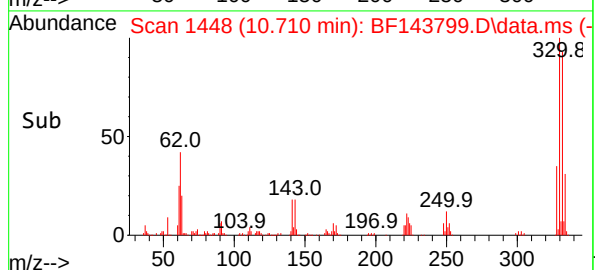
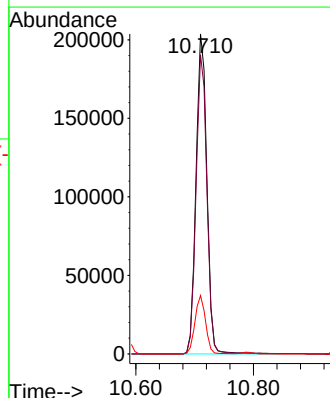
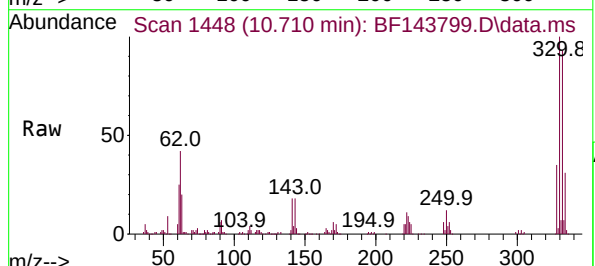
RT: 10.710 min Scan# 1448

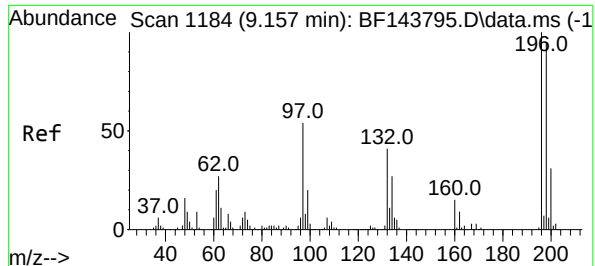
Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Tgt Ion:330	Resp: 260676
Ion Ratio	Lower Upper
330 100	
332 93.5	74.7 112.1
141 17.8	14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 45.018 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143799.D

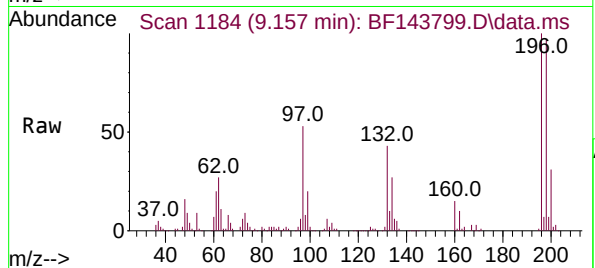
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:196 Resp: 16253

Ion Ratio Lower Upper

196 100

198 97.4 76.2 114.2

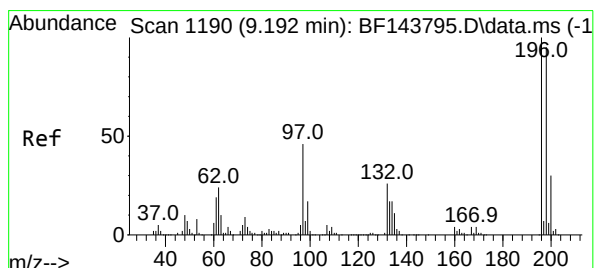
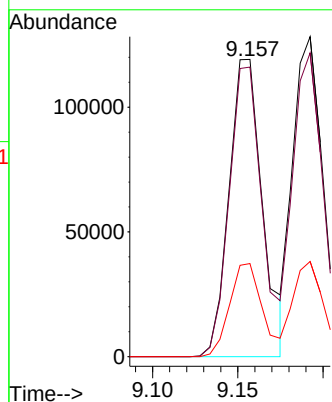
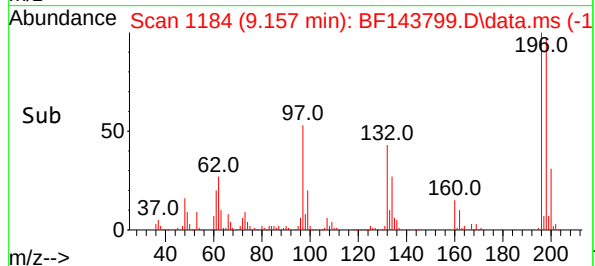
200 31.3 24.7 37.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#44

2,4,5-Trichlorophenol

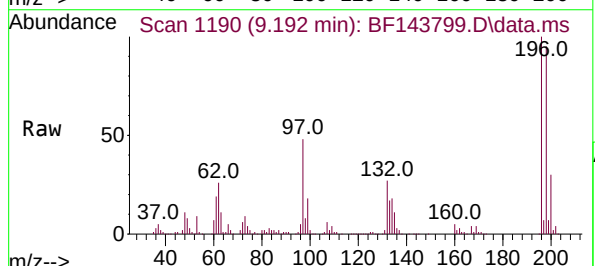
Concen: 42.310 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42



Tgt Ion:196 Resp: 159783

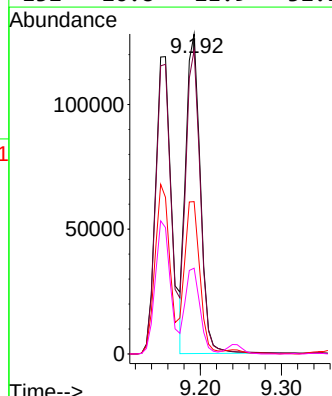
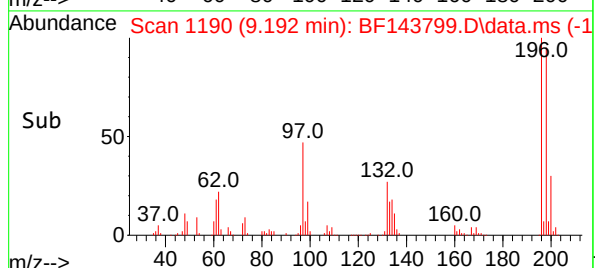
Ion Ratio Lower Upper

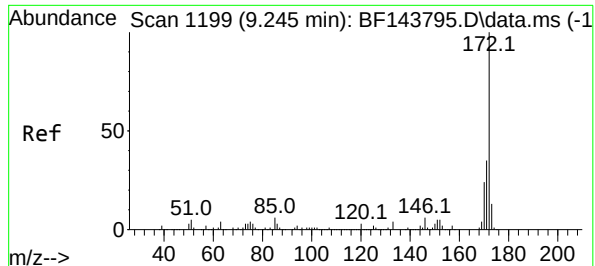
196 100

198 94.9 75.9 113.9

97 47.6 38.3 57.5

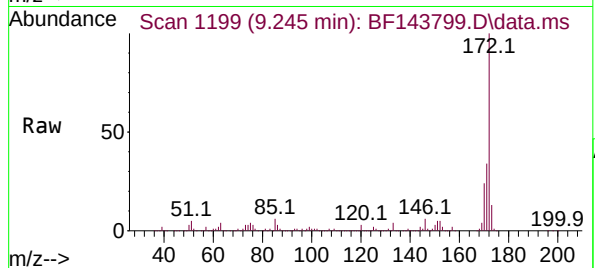
132 26.8 21.9 32.9





#45
2-Fluorobiphenyl
Concen: 79.843 ng
RT: 9.245 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

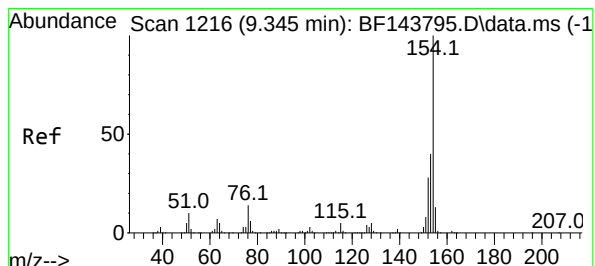
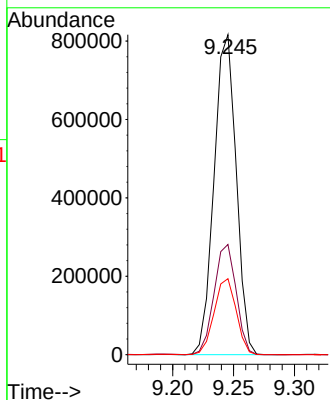
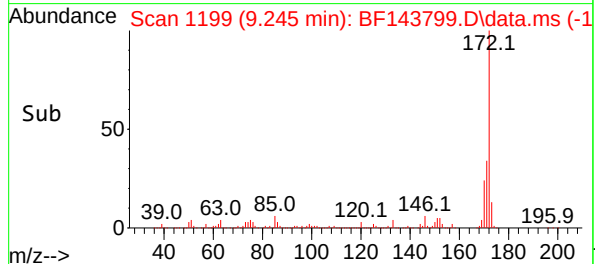
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:172 Resp: 1032314
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.7 19.1 28.7

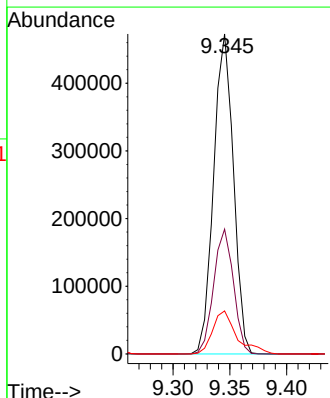
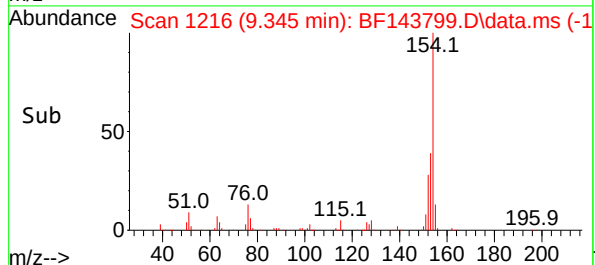
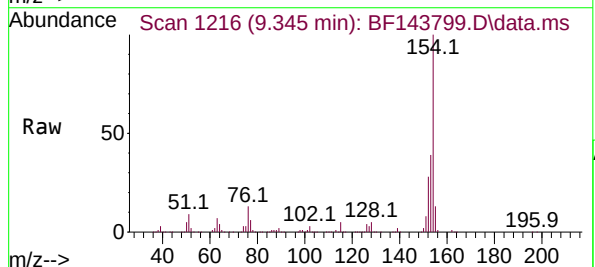
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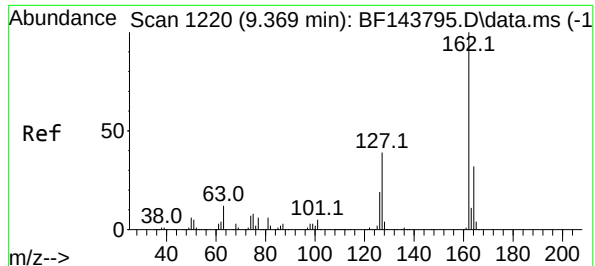
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#46
1,1'-Biphenyl
Concen: 41.254 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:154 Resp: 570562
Ion Ratio Lower Upper
154 100
153 39.0 19.7 59.7
76 13.4 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.133 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143799.D

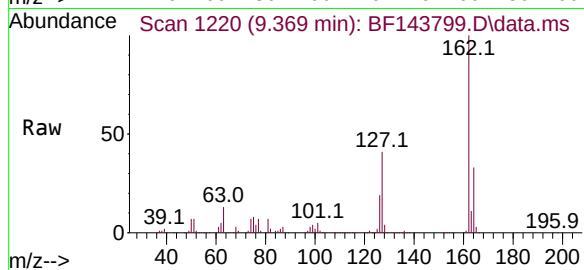
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:162 Resp: 457929

Ion Ratio Lower Upper

162 100

127 40.7 31.5 47.3

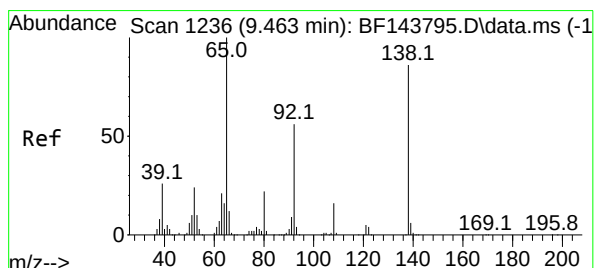
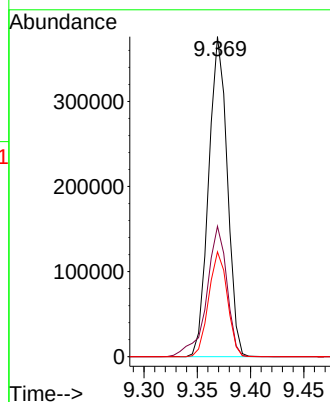
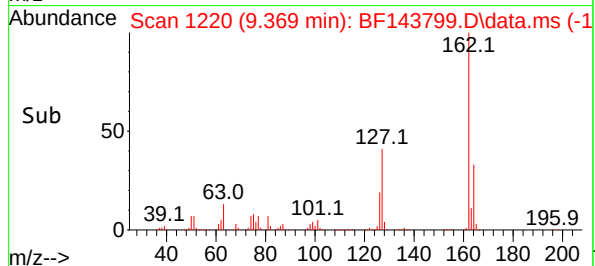
164 32.7 25.9 38.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#48

2-Nitroaniline

Concen: 48.090 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

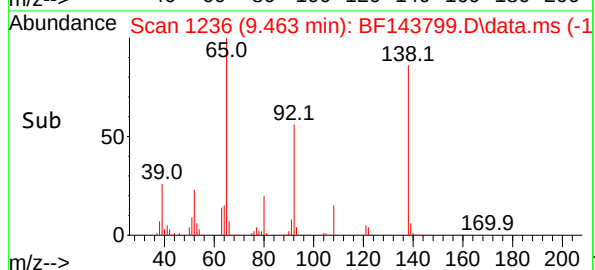
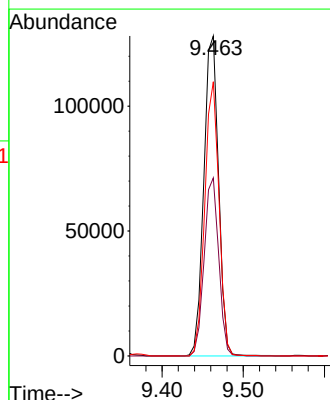
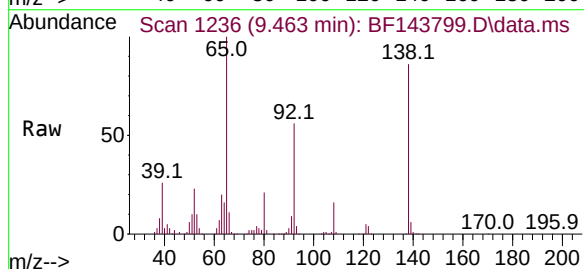
Tgt Ion: 65 Resp: 161814

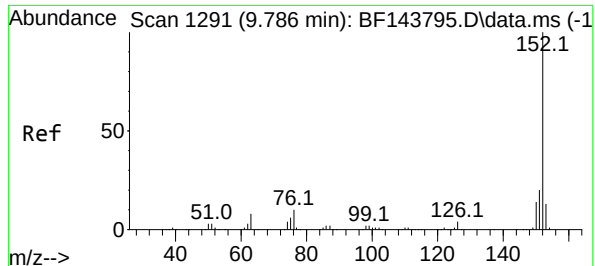
Ion Ratio Lower Upper

65 100

92 55.6 44.9 67.3

138 85.7 69.0 103.4





#49

Acenaphthylene

Concen: 42.279 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143799.D

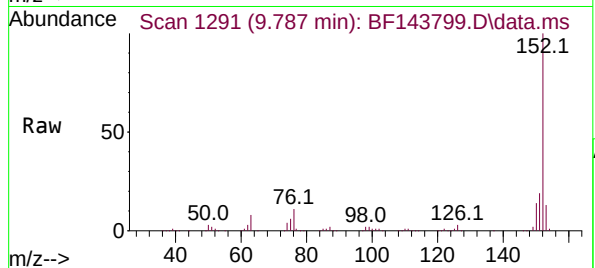
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:152 Resp: 647976

Ion Ratio Lower Upper

152 100

151 19.3 15.7 23.5

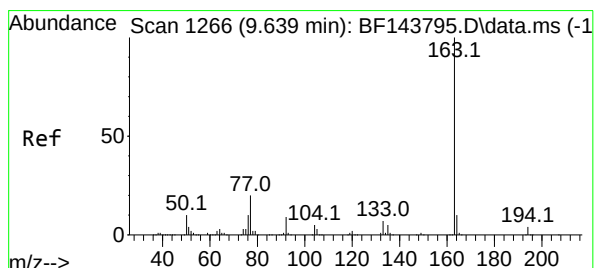
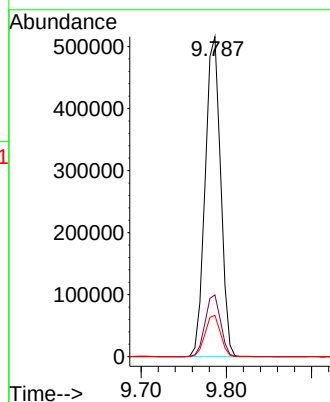
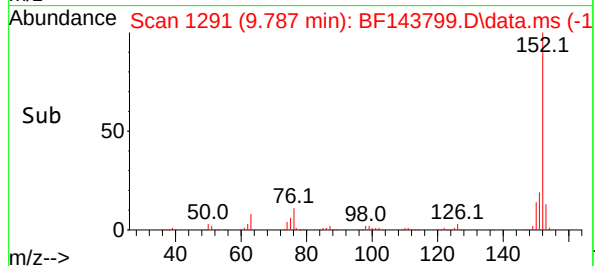
153 12.9 10.6 15.8

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#50

Dimethylphthalate

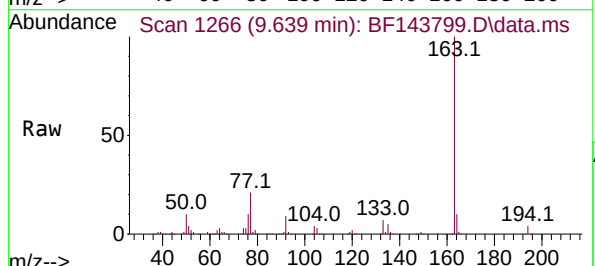
Concen: 42.624 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42



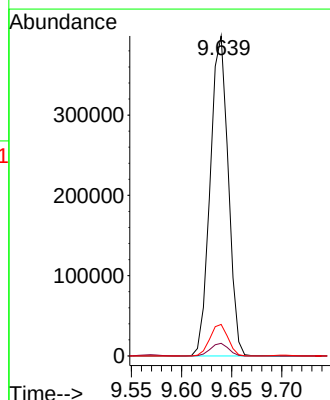
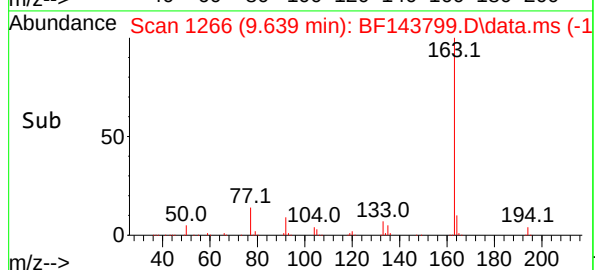
Tgt Ion:163 Resp: 496374

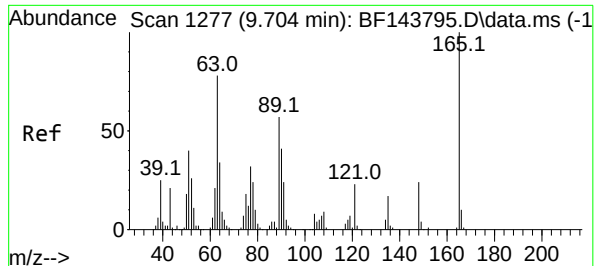
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

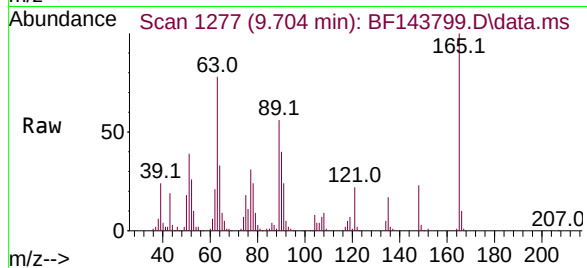
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.254 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

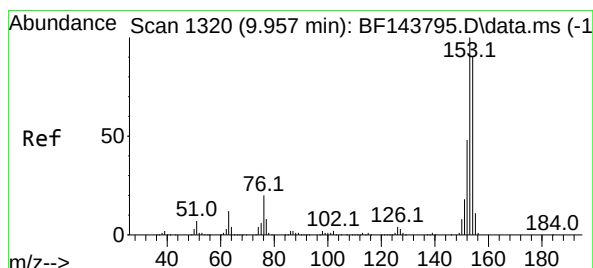
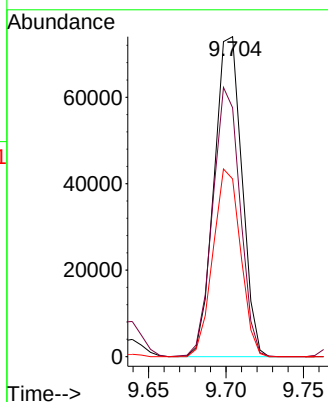
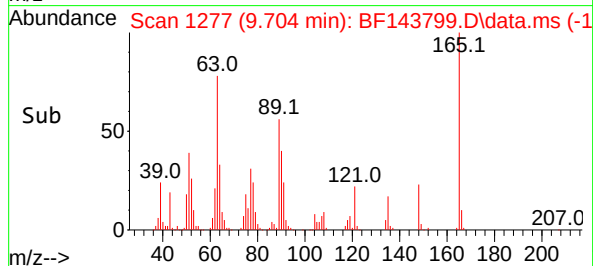
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:165 Resp: 92326
Ion Ratio Lower Upper
165 100
63 77.8 62.6 94.0
89 55.5 45.2 67.8

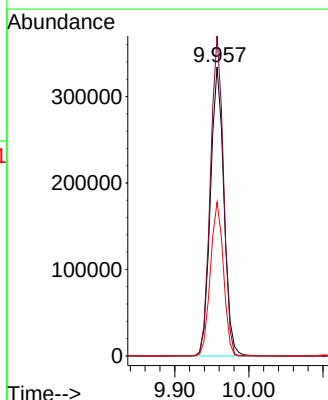
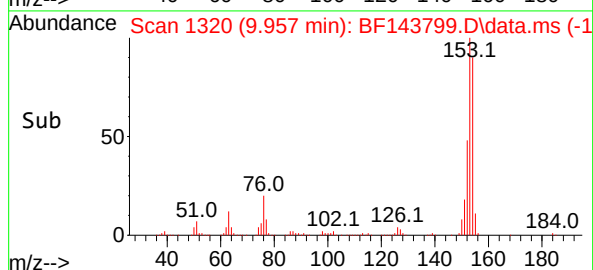
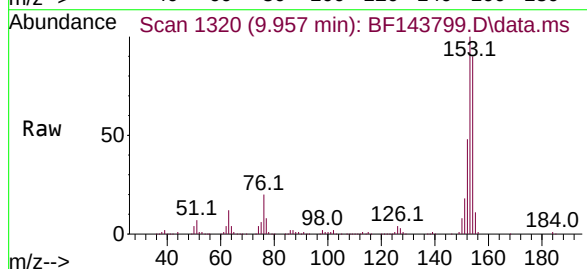
Manual Integrations
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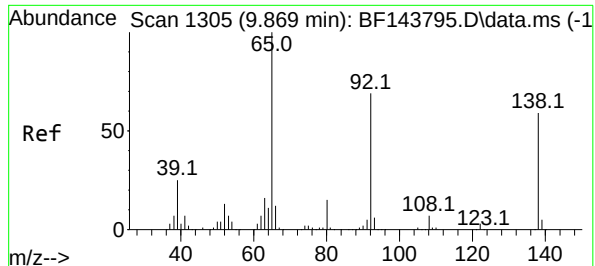
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#52
Acenaphthene
Concen: 41.869 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:154 Resp: 422277
Ion Ratio Lower Upper
154 100
153 110.8 88.7 133.1
152 53.2 42.7 64.1





#53

3-Nitroaniline

Concen: 47.665 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:138 Resp: 110544

Ion Ratio Lower Upper

138 100

108 11.8 9.9 14.9

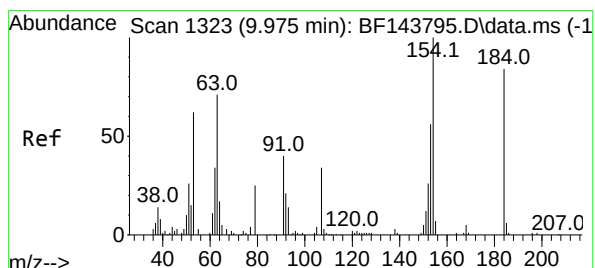
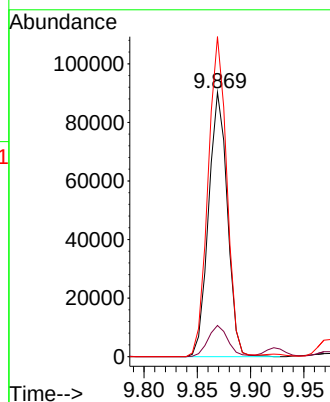
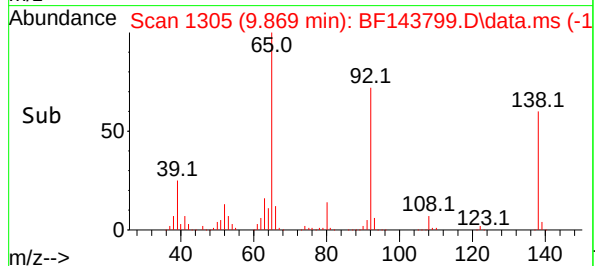
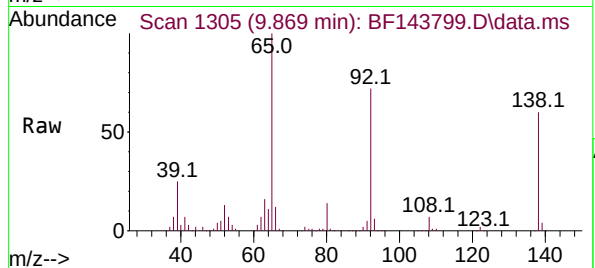
92 121.1 93.5 140.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#54

2,4-Dinitrophenol

Concen: 46.217 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

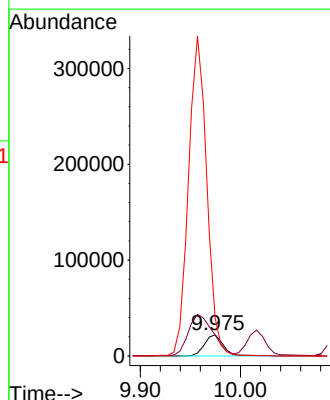
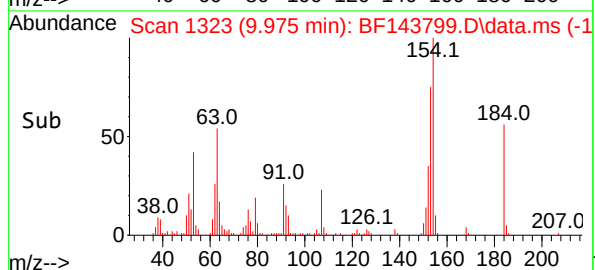
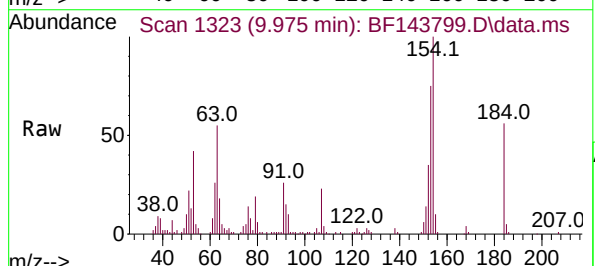
Tgt Ion:184 Resp: 28355

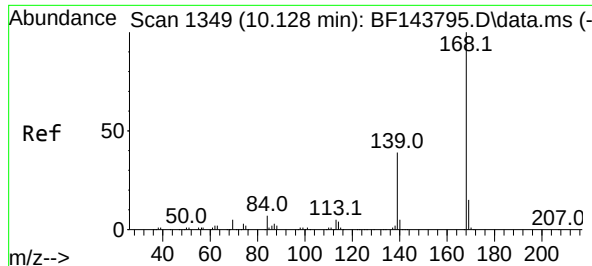
Ion Ratio Lower Upper

184 100

63 97.8 84.6 127.0

154 177.3 199.3 298.9#





#55

Dibenzofuran

Concen: 42.251 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325

Tgt Ion:168 Resp: 602575

Ion Ratio Lower Upper

168 100

139 38.5 31.0 46.6

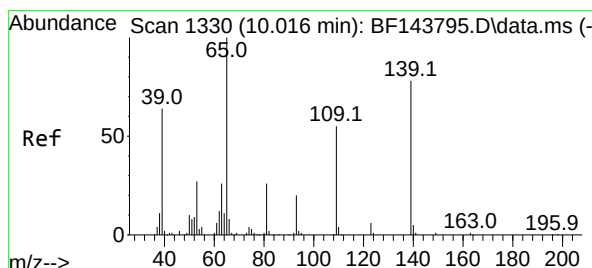
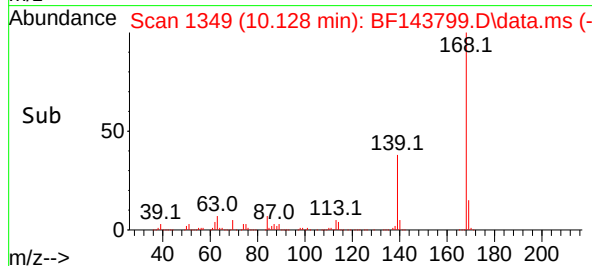
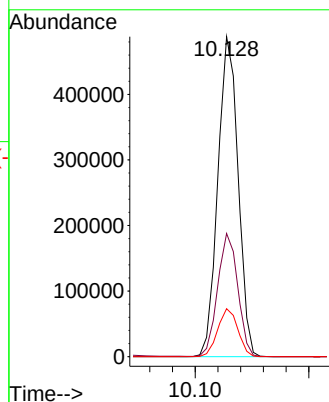
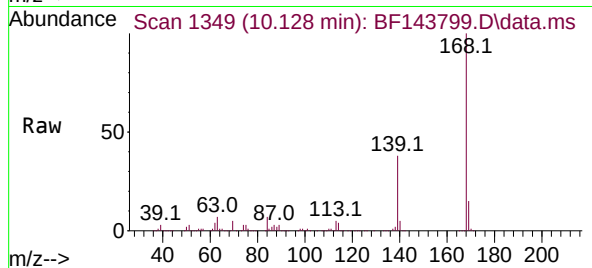
169 15.0 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#56

4-Nitrophenol

Concen: 45.864 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42

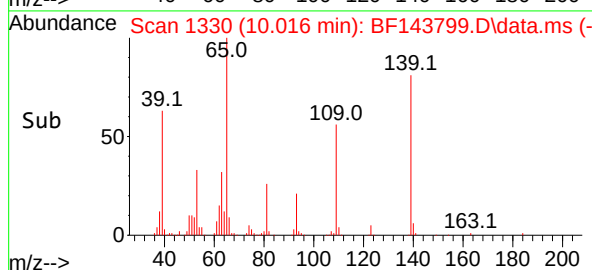
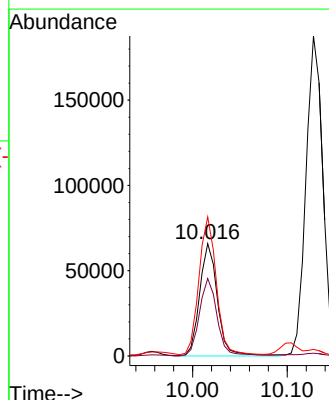
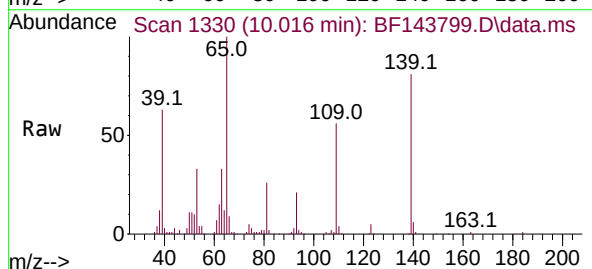
Tgt Ion:139 Resp: 85715

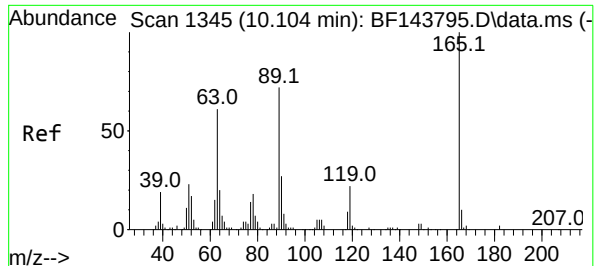
Ion Ratio Lower Upper

139 100

109 68.8 50.2 90.2

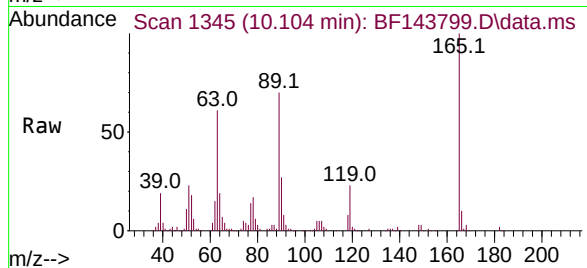
65 123.7 109.2 149.2





#57
2,4-Dinitrotoluene
Concen: 44.618 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

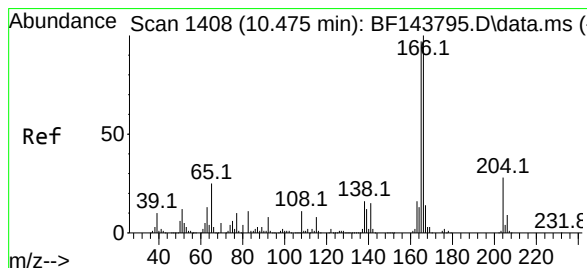
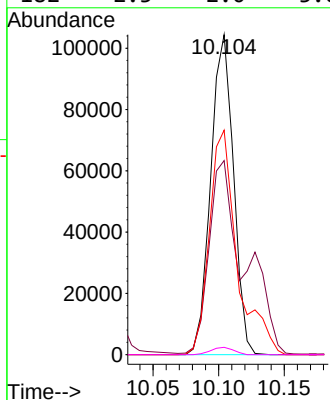
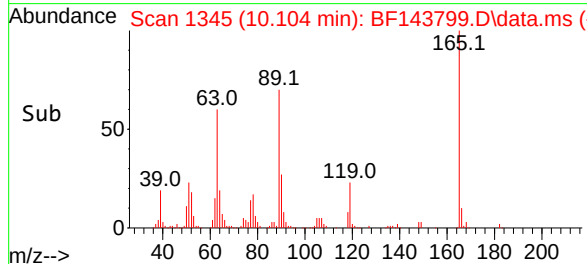
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



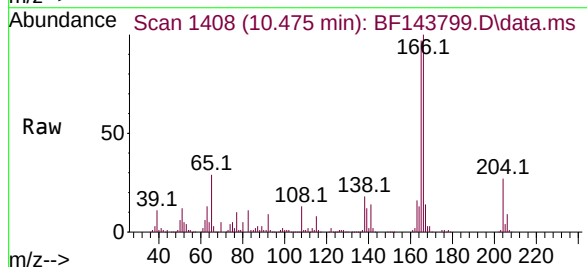
Tgt Ion:165 Resp: 126090
Ion Ratio Lower Upper
165 100
63 60.6 48.9 73.3
89 70.1 57.5 86.3
182 2.3 2.0 3.0

Manual Integrations
APPROVED

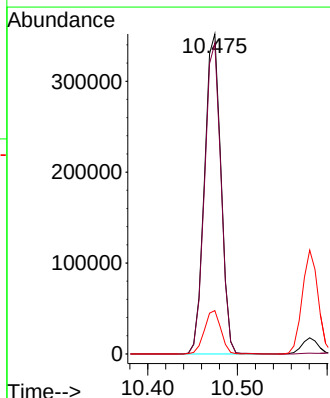
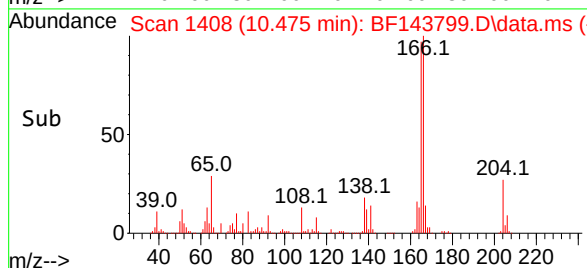
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

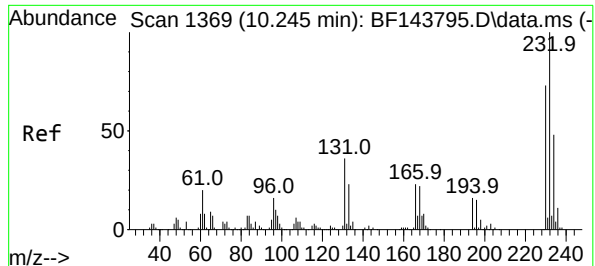


#58
Fluorene
Concen: 42.132 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



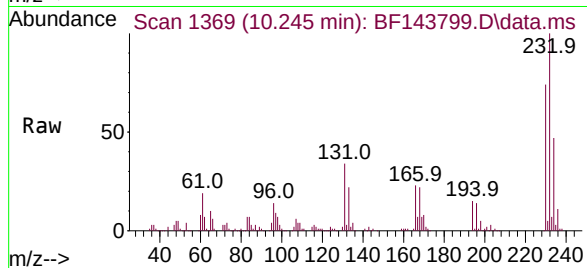
Tgt Ion:166 Resp: 446712
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.097 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

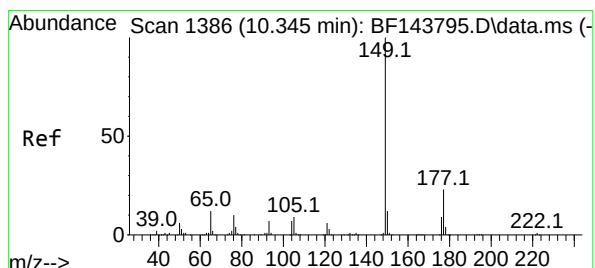
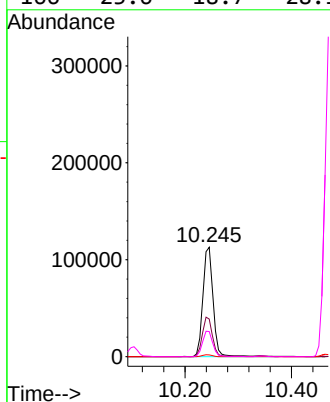
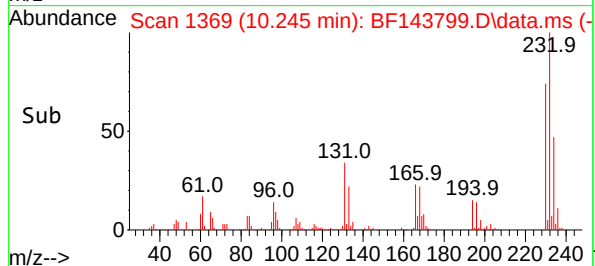
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:232 Resp: 149133
Ion Ratio Lower Upper
232 100
131 35.9 29.4 44.2
130 1.6 1.3 1.9
166 23.6 18.7 28.1

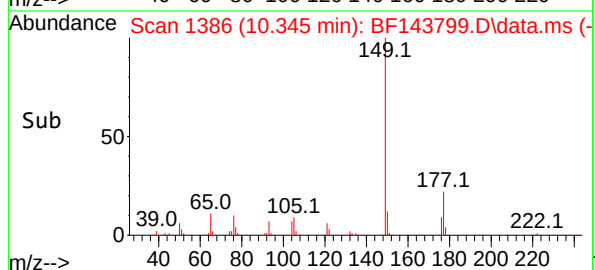
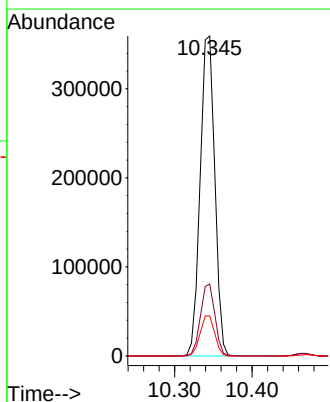
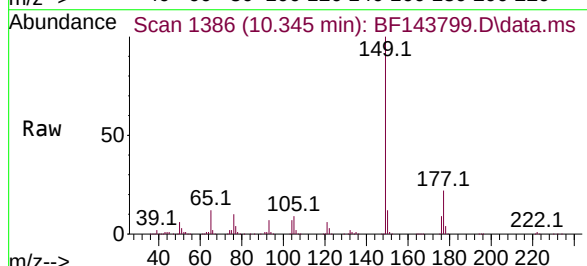
Manual Integrations
APPROVED

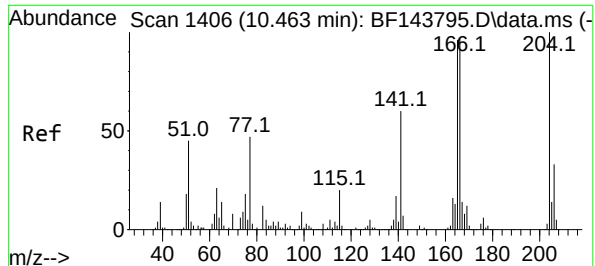
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#60
Diethylphthalate
Concen: 43.199 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

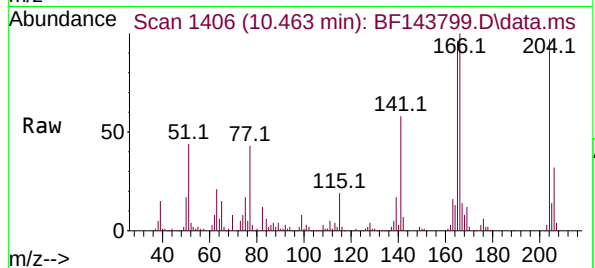
Tgt Ion:149 Resp: 470914
Ion Ratio Lower Upper
149 100
177 22.4 18.1 27.1
150 12.5 9.7 14.5





#61
4-Chlorophenyl-phenylether
Concen: 42.203 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

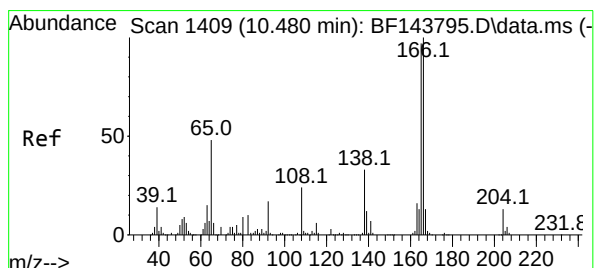
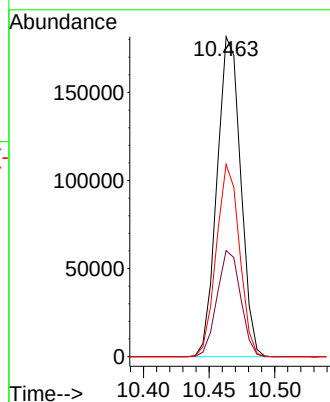
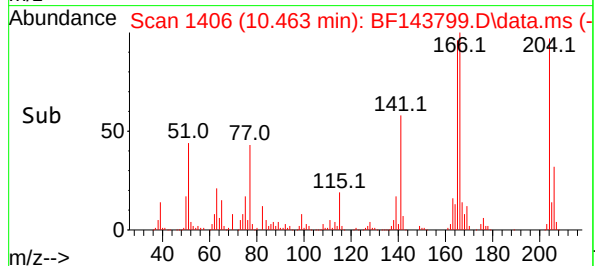
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



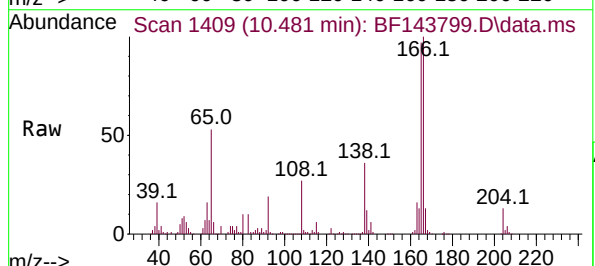
Tgt Ion:204 Resp: 227995
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 60.1 48.2 72.2

Manual Integrations
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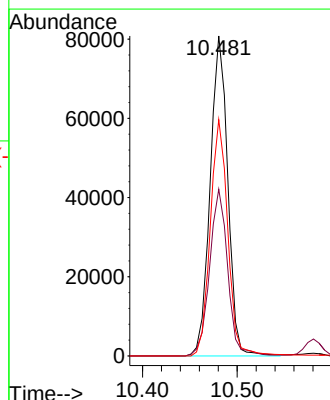
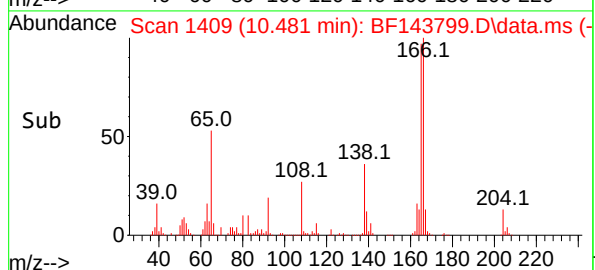
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

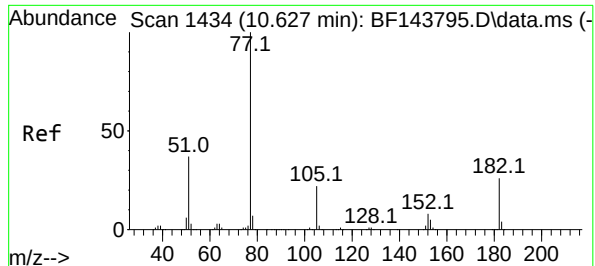


#62
4-Nitroaniline
Concen: 47.936 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



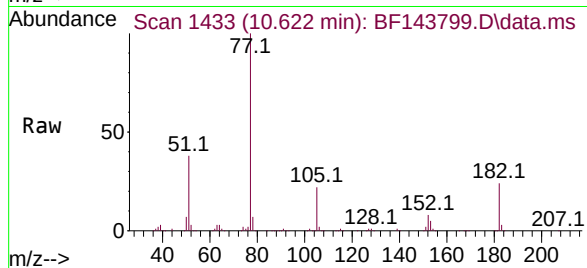
Tgt Ion:138 Resp: 104533
Ion Ratio Lower Upper
138 100
92 52.1 31.5 71.5
108 73.8 51.9 91.9





#63
Azobenzene
Concen: 42.769 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

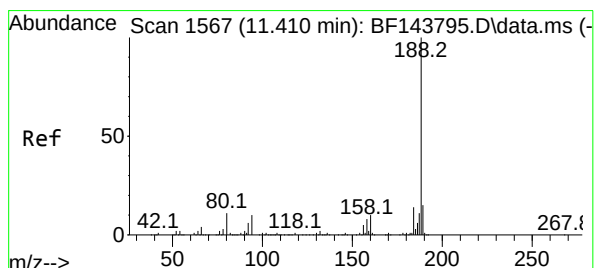
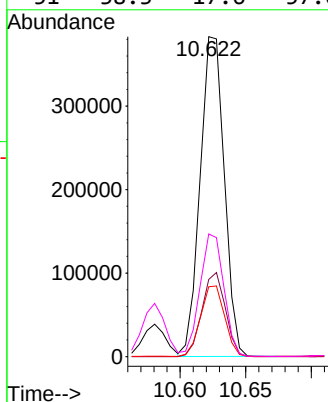
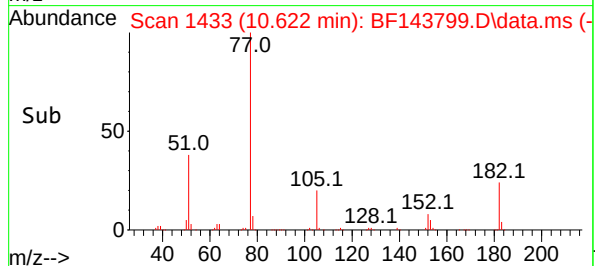
Instrument :
BNA_F
Client Sample Id :
ICVBF092325



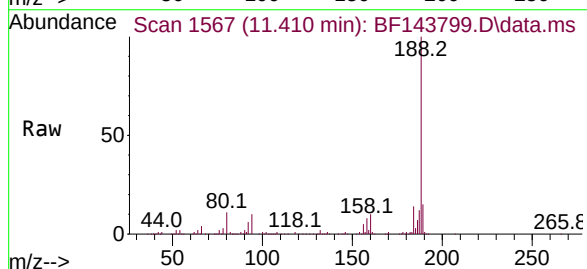
Tgt Ion: 77 Resp: 491364
Ion Ratio Lower Upper
77 100
182 24.1 5.9 45.9
105 21.8 2.3 42.3
51 38.3 17.6 57.6

Manual Integrations
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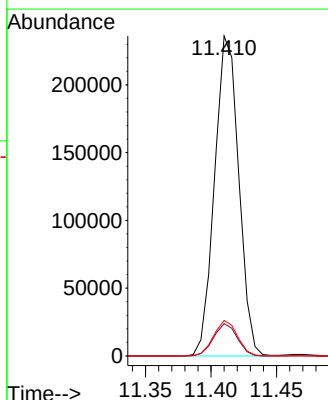
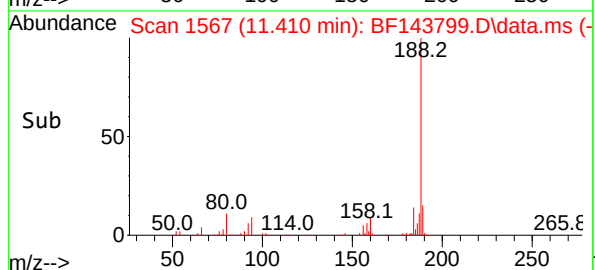
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

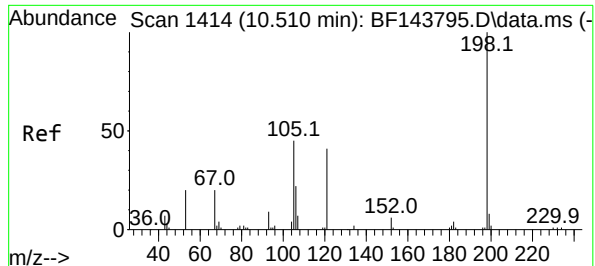


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



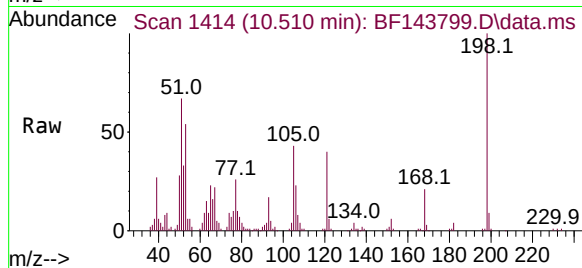
Tgt Ion:188 Resp: 302827
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 11.1 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 45.452 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

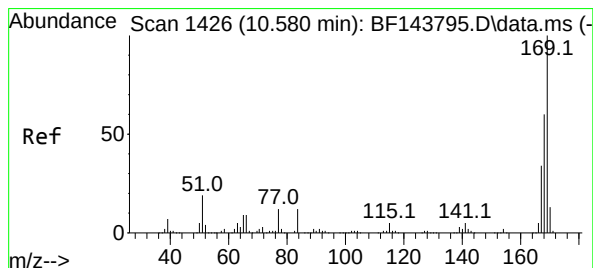
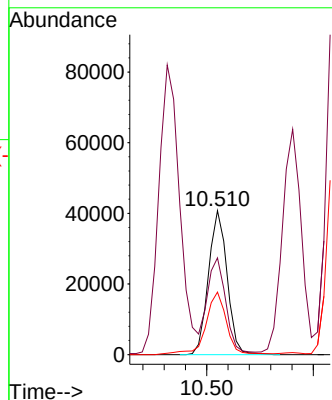
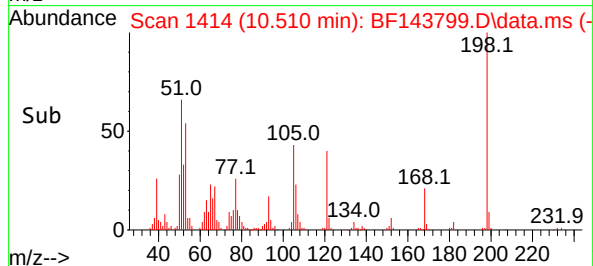
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:198 Resp: 49519
Ion Ratio Lower Upper
198 100
51 67.2 52.0 92.0
105 43.5 27.5 67.5

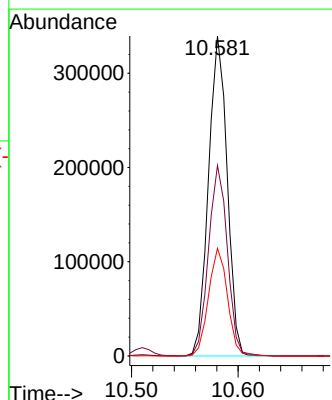
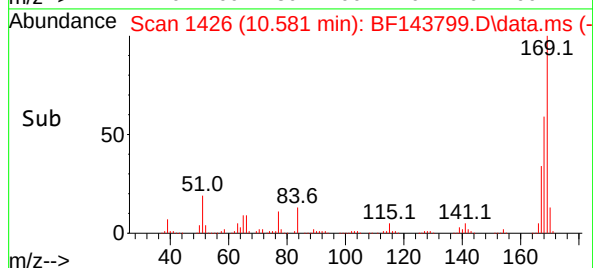
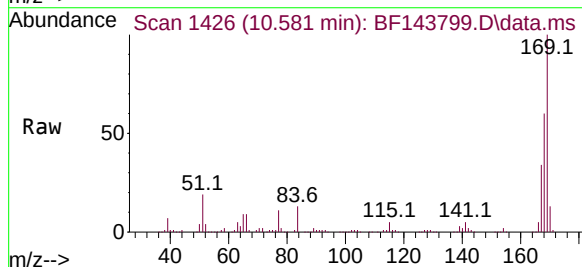
Manual Integrations
APPROVED

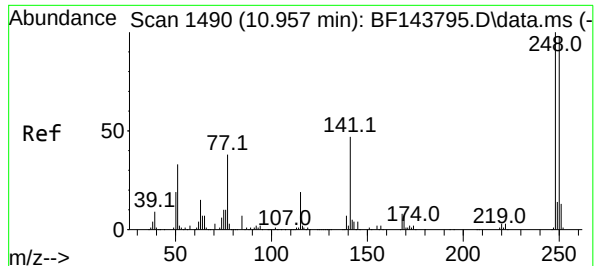
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#66
n-Nitrosodiphenylamine
Concen: 41.480 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

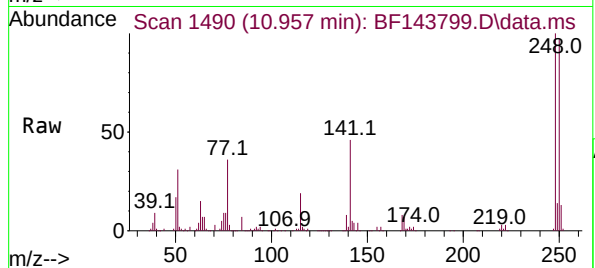
Tgt Ion:169 Resp: 413097
Ion Ratio Lower Upper
169 100
168 59.5 47.9 71.9
167 33.6 27.0 40.6





#67
4-Bromophenyl-phenylether
Concen: 42.884 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

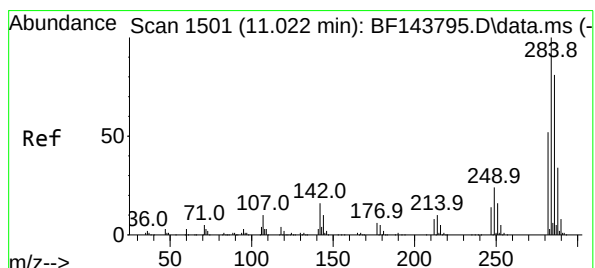
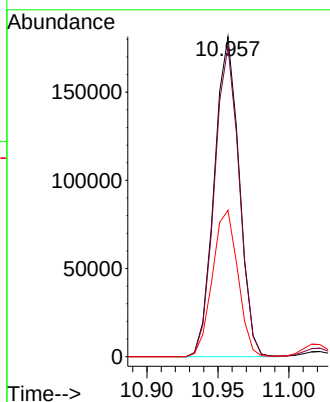
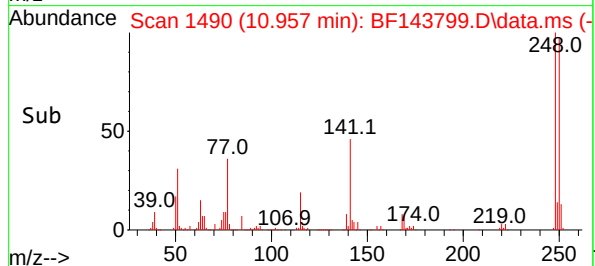
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:248 Resp: 221312
Ion Ratio Lower Upper
248 100
250 96.9 78.7 118.1
141 45.7 37.9 56.9

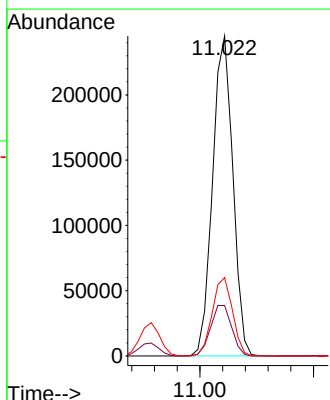
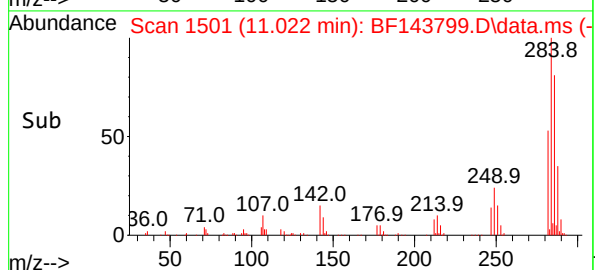
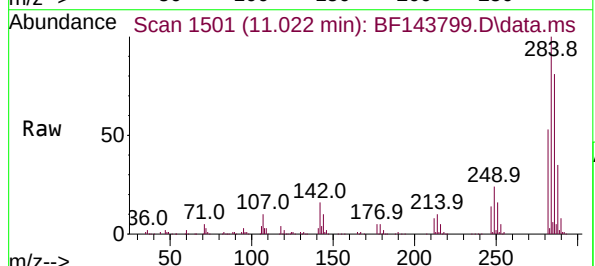
Manual Integrations
APPROVED

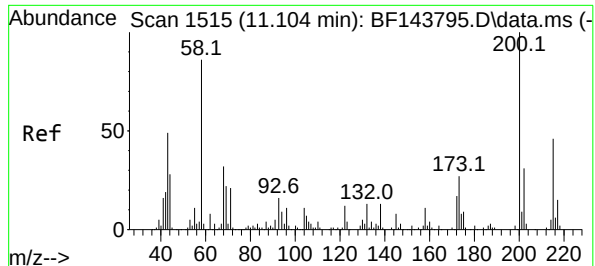
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#68
Hexachlorobenzene
Concen: 42.661 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:284 Resp: 303404
Ion Ratio Lower Upper
284 100
142 15.7 13.1 19.7
249 24.5 19.5 29.3





#69

Atrazine

Concen: 45.083 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143799.D

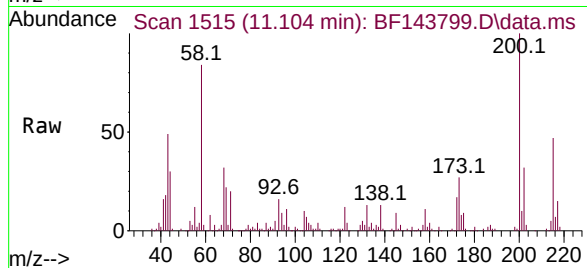
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



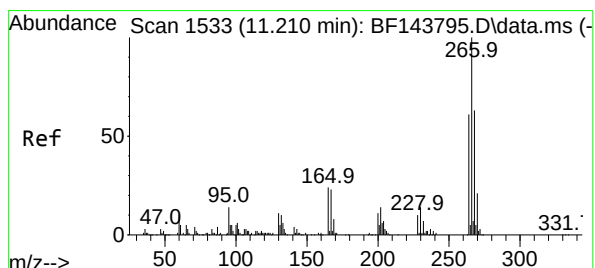
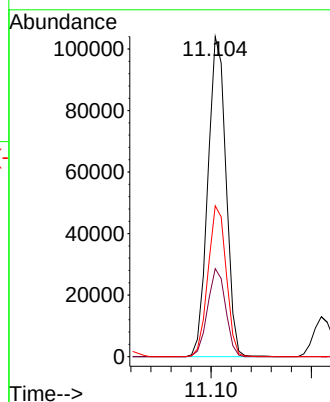
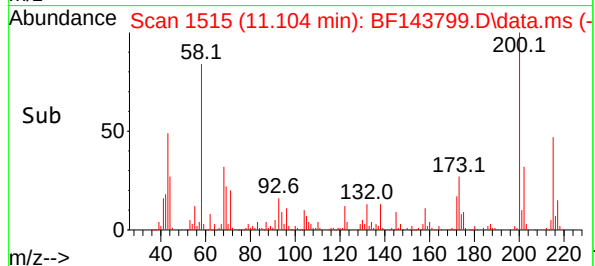
Tgt Ion:200 Resp: 130018
Ion Ratio Lower Upper
200 100
173 27.5 7.2 47.2
215 47.1 26.0 66.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#70

Pentachlorophenol

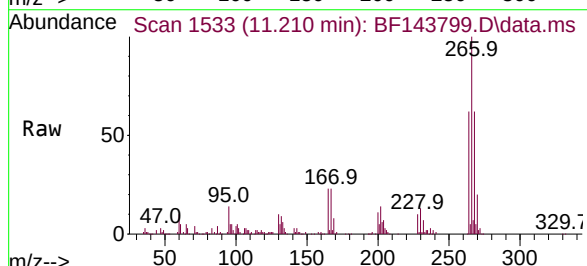
Concen: 46.307 ng

RT: 11.210 min Scan# 1533

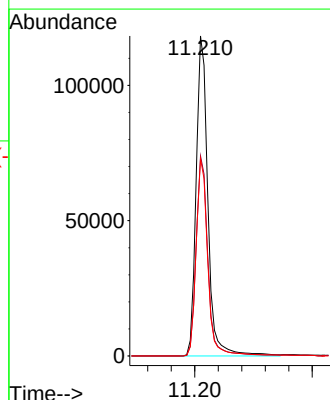
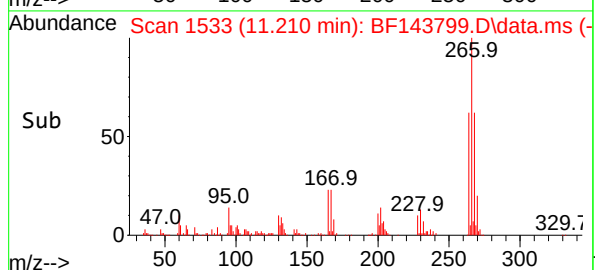
Delta R.T. -0.006 min

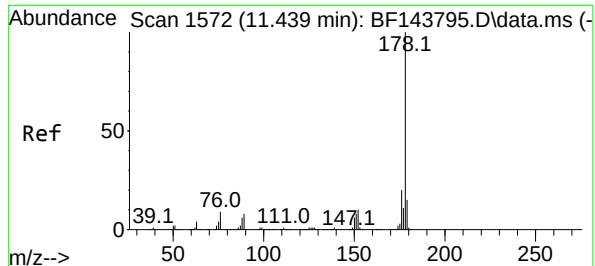
Lab File: BF143799.D

Acq: 23 Sep 2025 17:42



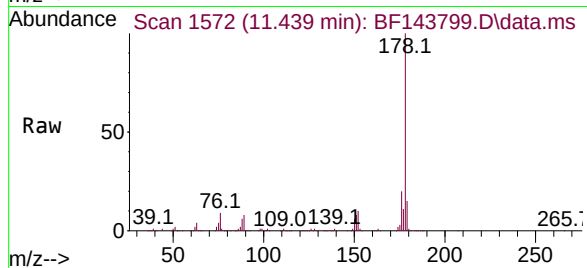
Tgt Ion:266 Resp: 163934
Ion Ratio Lower Upper
266 100
268 62.5 50.5 75.7
264 61.7 48.8 73.2





#71
Phenanthrene
Concen: 42.299 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

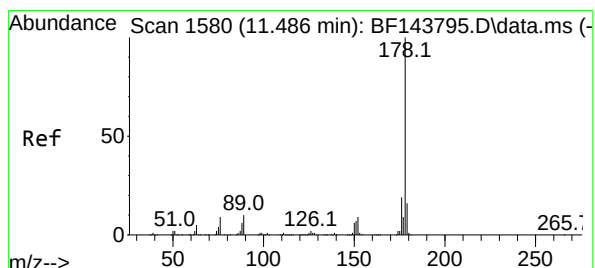
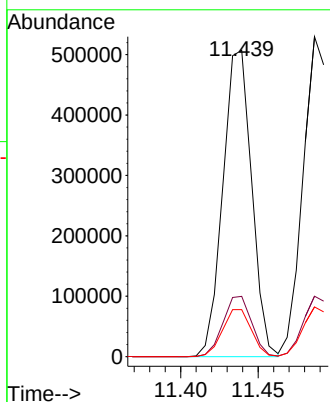
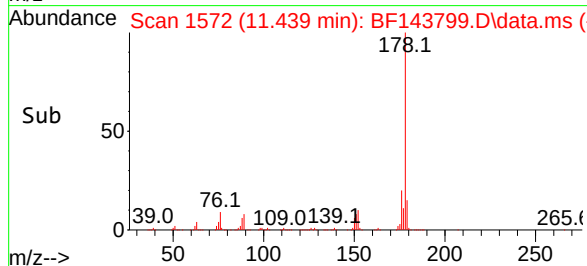
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:178 Resp: 657630
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.3 12.2 18.4

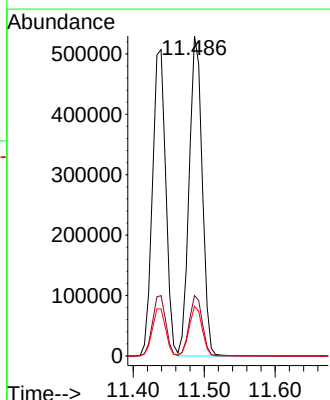
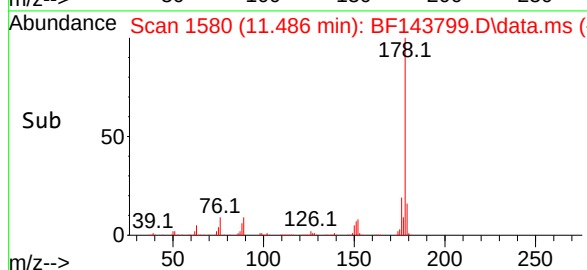
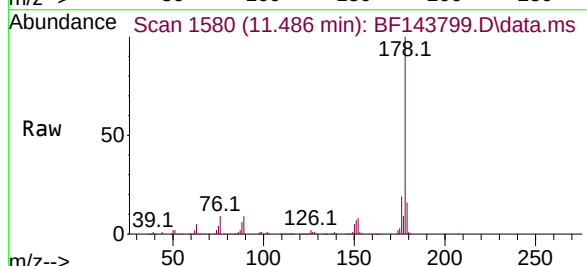
Manual Integrations
APPROVED

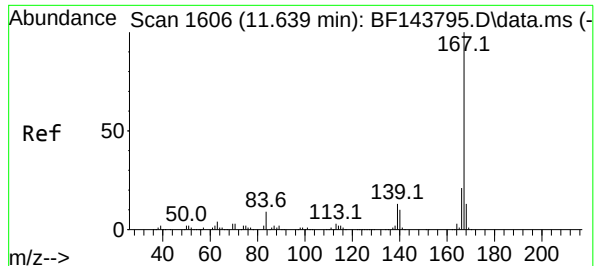
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#72
Anthracene
Concen: 43.252 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

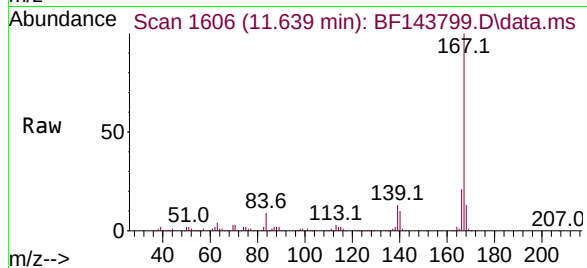
Tgt Ion:178 Resp: 674513
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.5 12.8 19.2





#73
Carbazole
Concen: 44.114 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

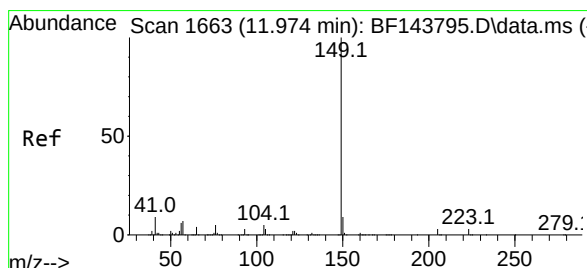
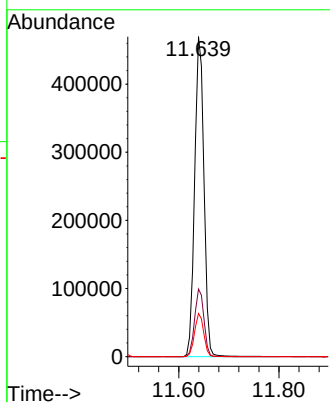
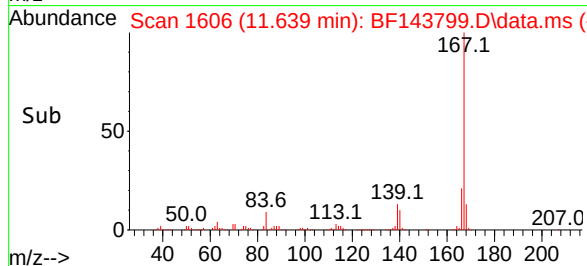
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



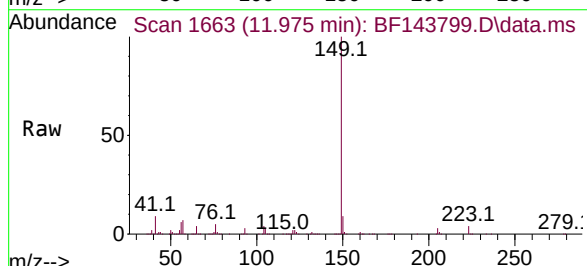
Tgt Ion:167 Resp: 601493
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.4
139 13.5 10.6 15.8

Manual Integrations
APPROVED

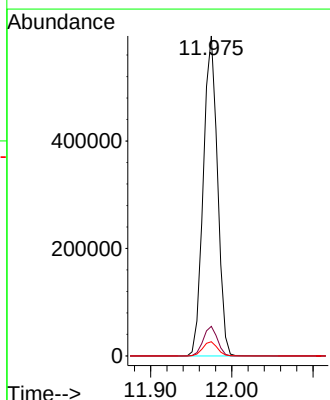
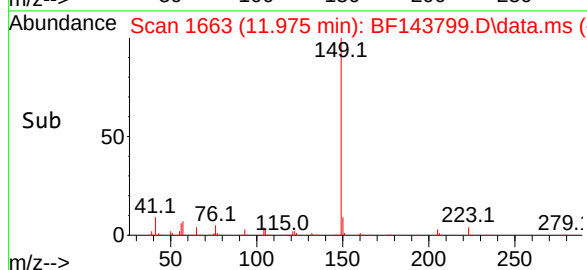
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

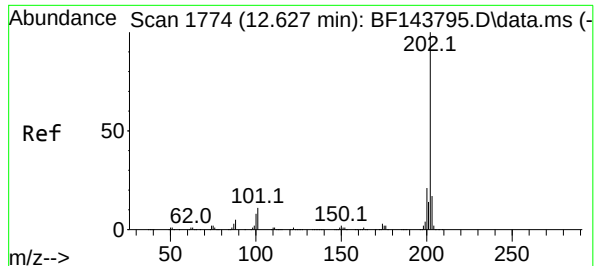


#74
Di-n-butylphthalate
Concen: 46.182 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



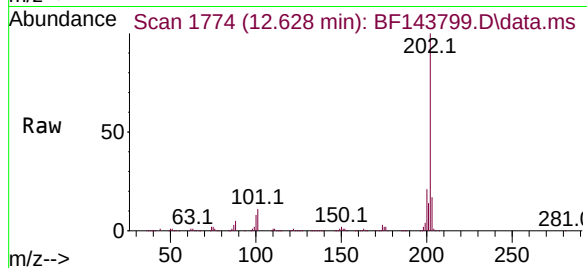
Tgt Ion:149 Resp: 724195
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 46.027 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

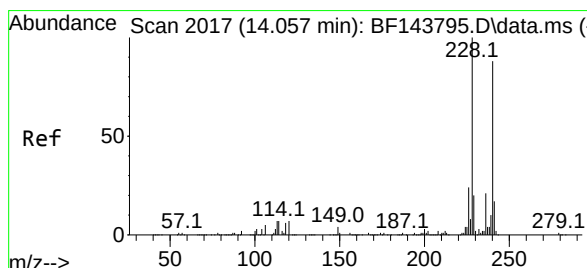
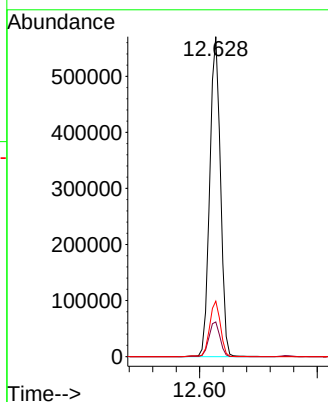
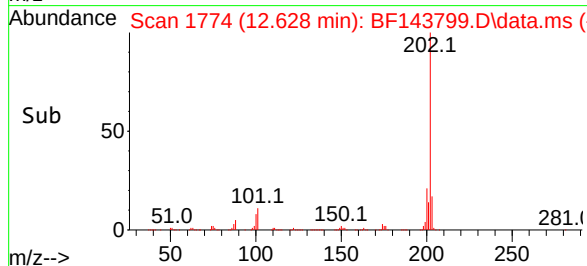
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



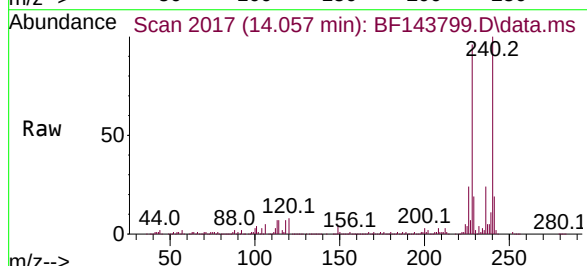
Tgt Ion:202 Resp: 719722
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.1
203 17.3 0.0 37.4

Manual Integrations
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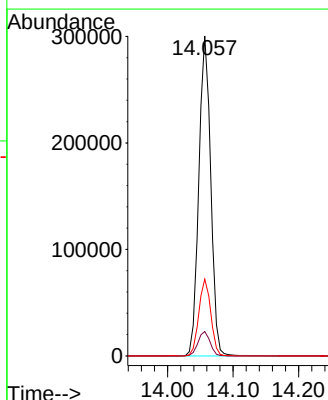
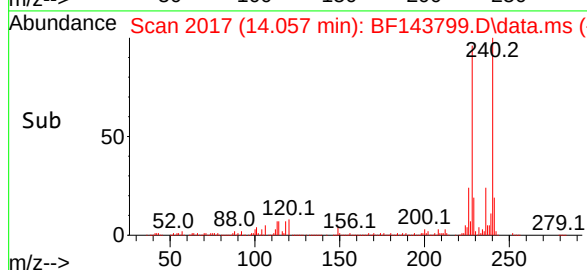
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

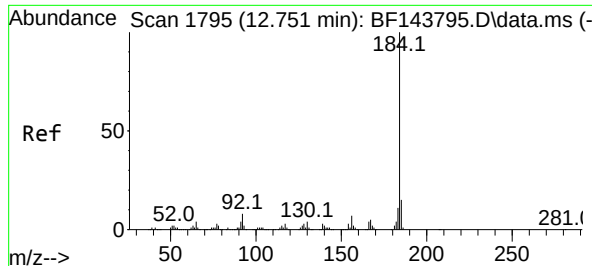


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



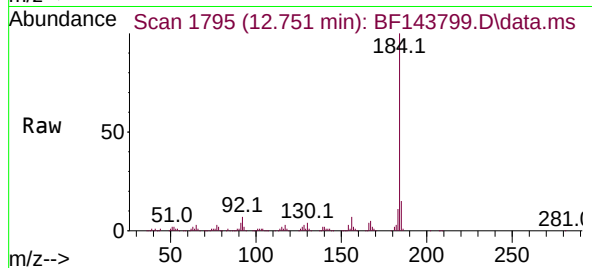
Tgt Ion:240 Resp: 375572
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 24.0 19.4 29.2





#77
Benzidine
Concen: 40.236 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

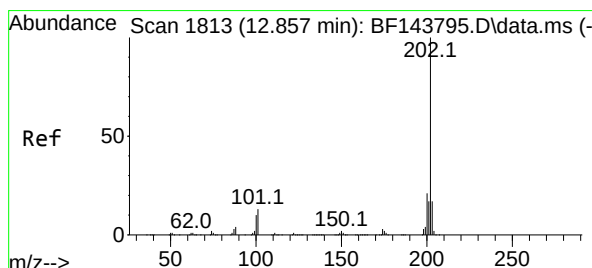
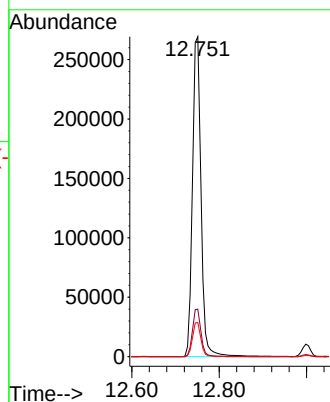
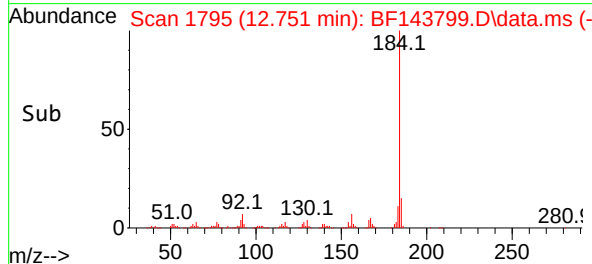
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:184 Resp: 368236
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 10.6 8.6 13.0

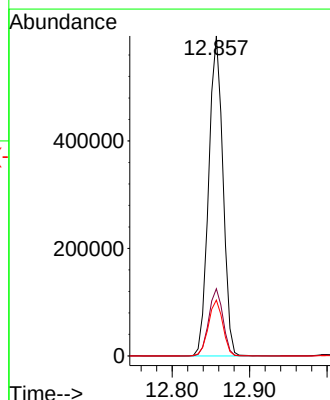
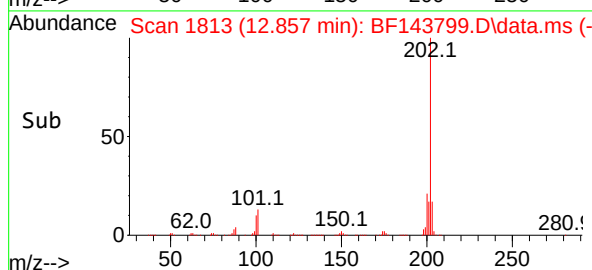
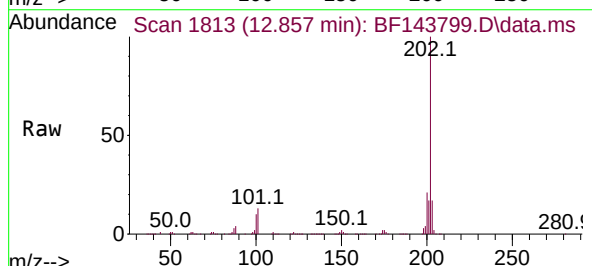
Manual Integrations
APPROVED

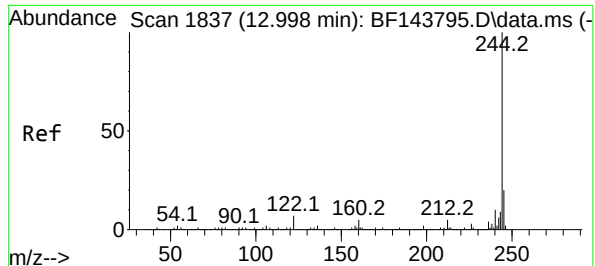
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#78
Pyrene
Concen: 41.117 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

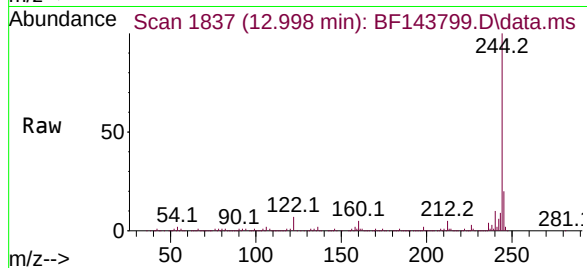
Tgt Ion:202 Resp: 759210
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.4 13.9 20.9





#79
 Terphenyl-d14
 Concen: 80.752 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143799.D
 Acq: 23 Sep 2025 17:42

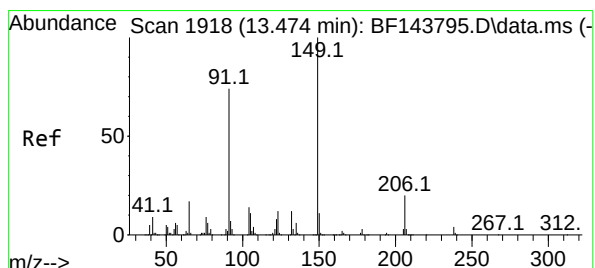
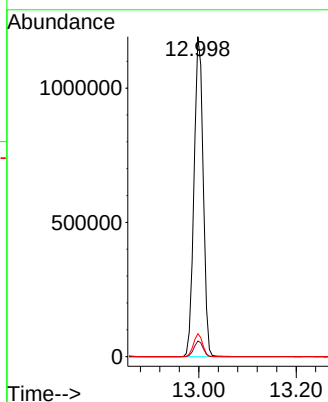
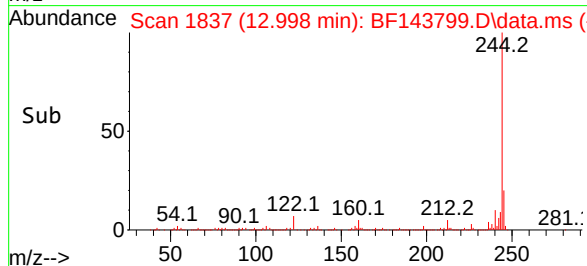
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325



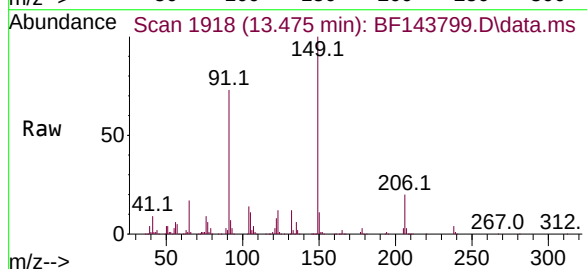
Tgt Ion:244 Resp: 1544756
 Ion Ratio Lower Upper
 244 100
 212 4.9 3.9 5.9
 122 7.1 5.6 8.4

Manual Integrations
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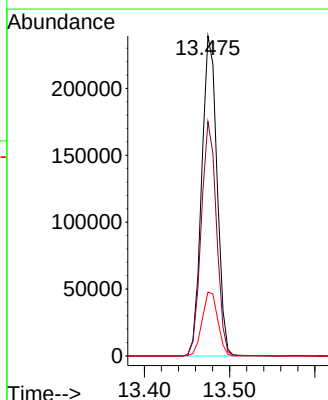
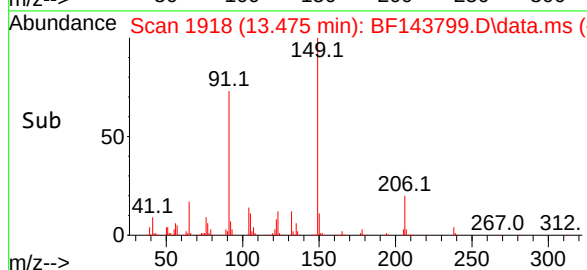
Reviewed By :Rahul Chavli 09/24/2025
 Supervised By :Jagrut Upadhyay 09/24/2025

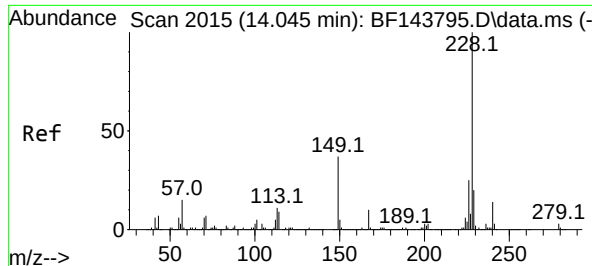


#80
 Butylbenzylphthalate
 Concen: 46.674 ng
 RT: 13.475 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF143799.D
 Acq: 23 Sep 2025 17:42



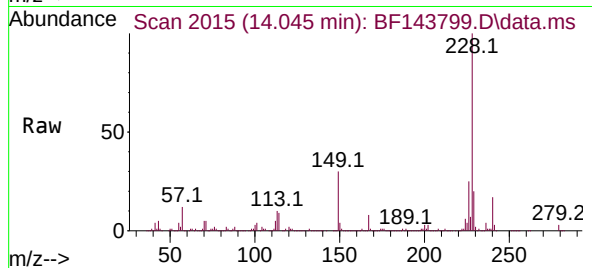
Tgt Ion:149 Resp: 298166
 Ion Ratio Lower Upper
 149 100
 91 73.2 59.5 89.3
 206 20.0 16.1 24.1





#81
Benzo(a)anthracene
Concen: 41.296 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

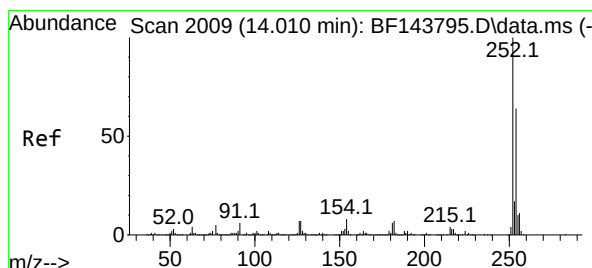
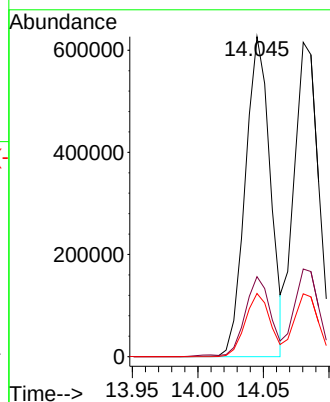
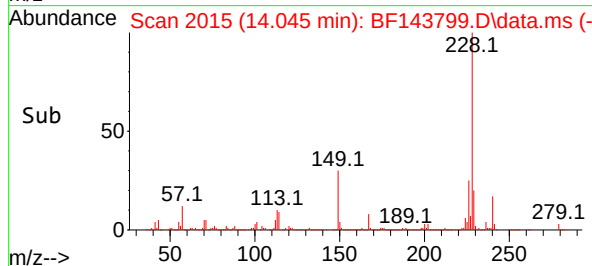
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



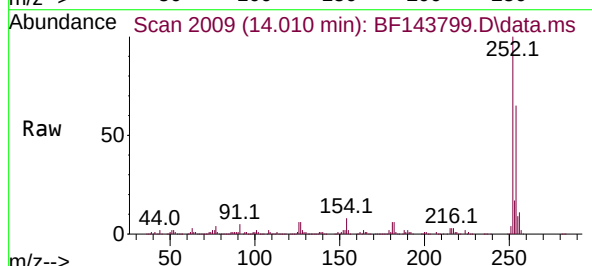
Tgt Ion:228 Resp: 833201
Ion Ratio Lower Upper
228 100
226 25.0 20.2 30.2
229 19.7 16.1 24.1

Manual Integrations
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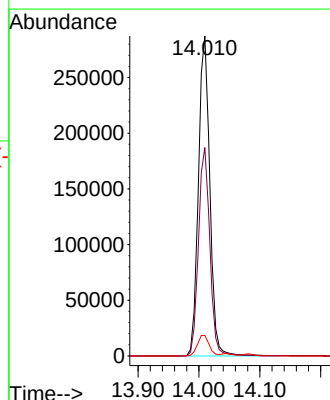
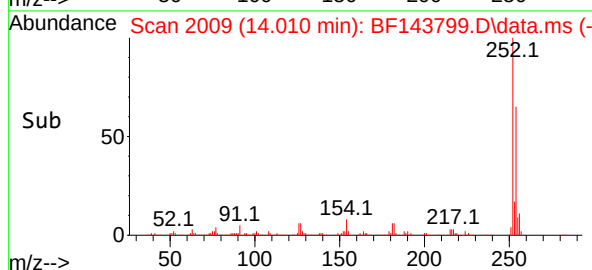
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025

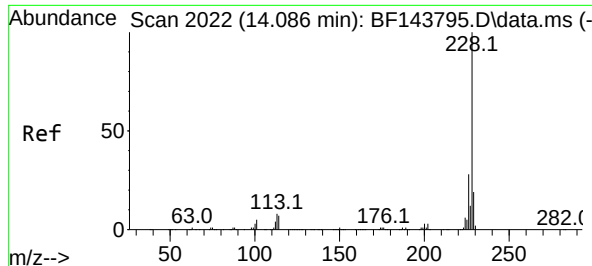


#82
3,3'-Dichlorobenzidine
Concen: 42.723 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42



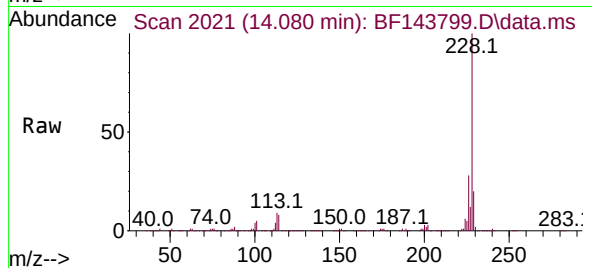
Tgt Ion:252 Resp: 373433
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 6.4 5.4 8.2





#83
Chrysene
Concen: 43.791 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

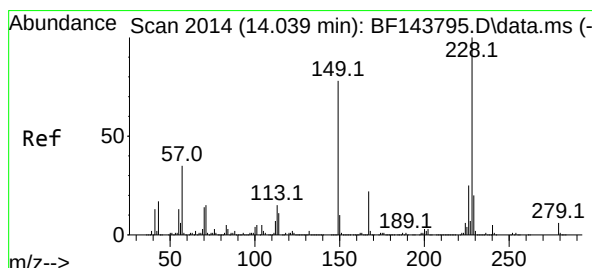
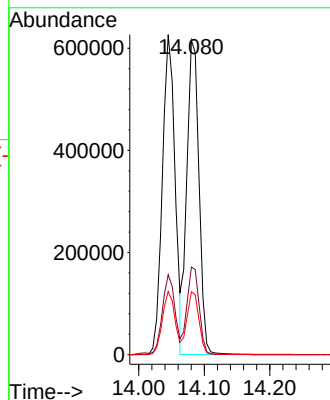
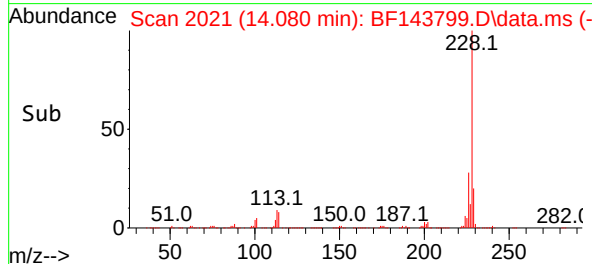
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:228 Resp: 799482
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.0 15.6 23.4

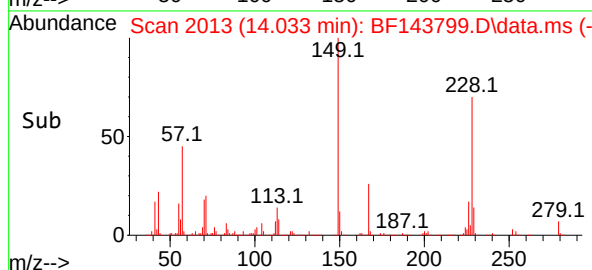
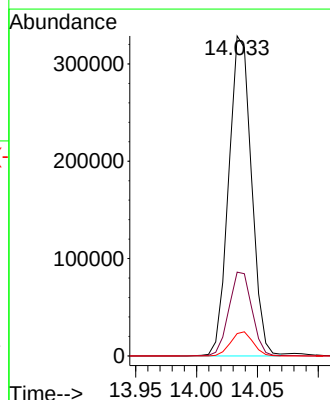
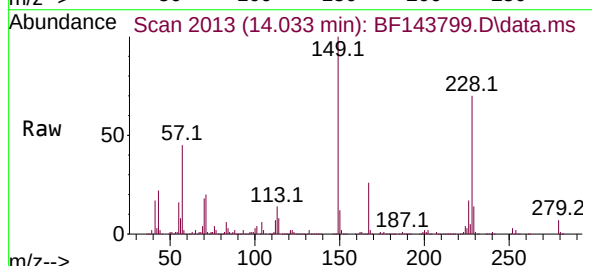
Manual Integrations
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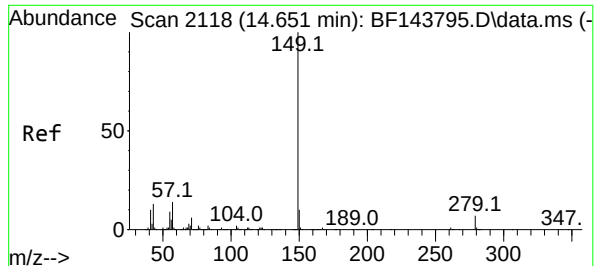
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.704 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

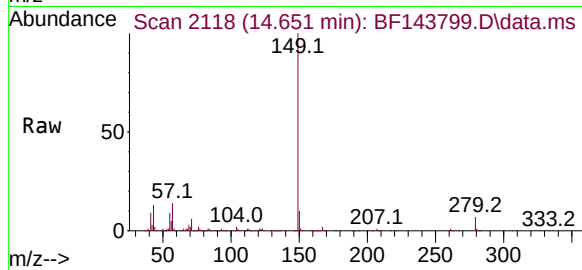
Tgt Ion:149 Resp: 427966
Ion Ratio Lower Upper
149 100
167 26.2 22.2 33.2
279 7.0 6.0 9.0





#85
Di-n-octyl phthalate
Concen: 44.512 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

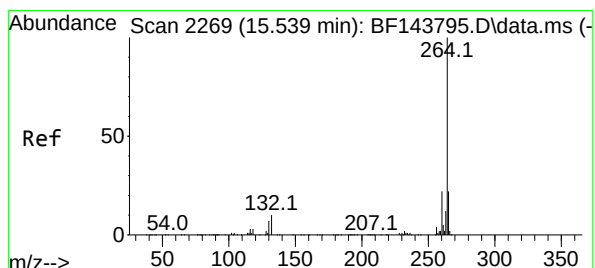
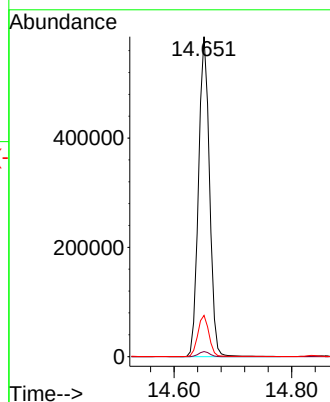
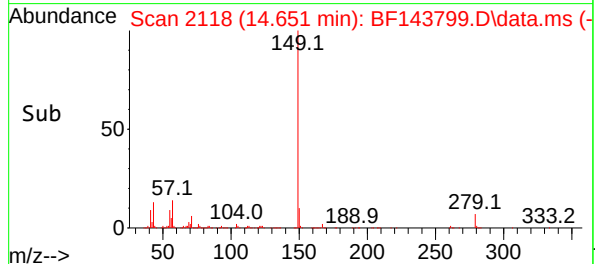
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:149 Resp: 756048
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.1 10.7 16.1

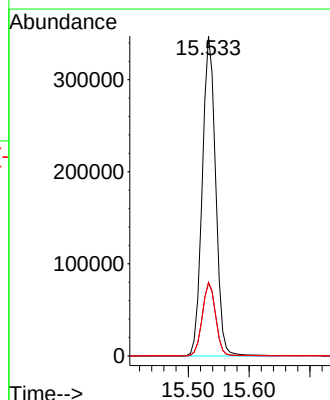
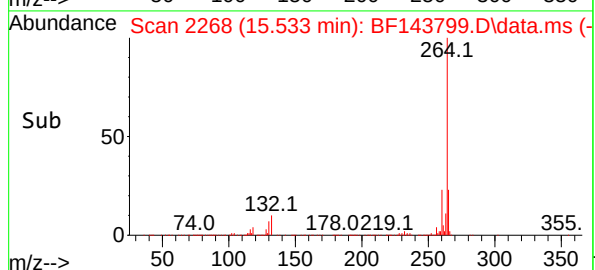
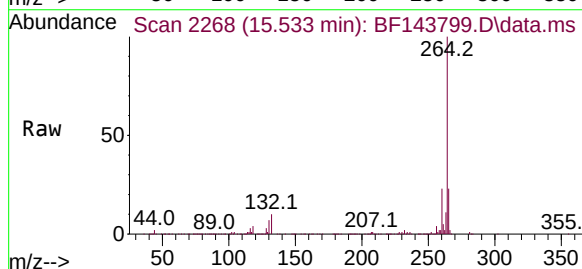
Manual Integrations
APPROVED

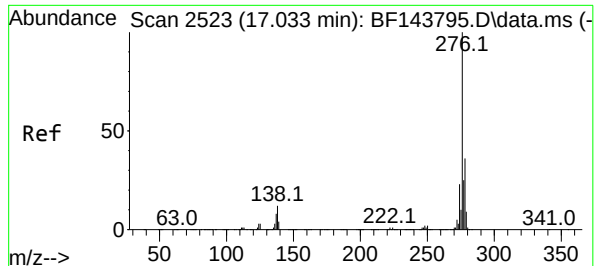
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

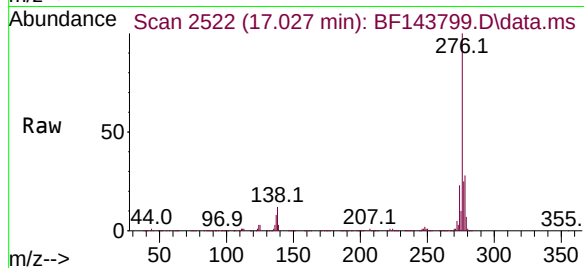
Tgt Ion:264 Resp: 528363
Ion Ratio Lower Upper
264 100
260 23.0 17.9 26.9
265 22.8 17.7 26.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.111 ng
RT: 17.027 min Scan# 2194
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

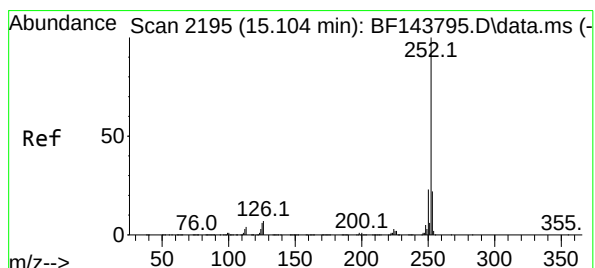
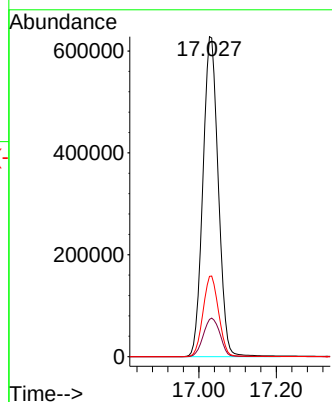
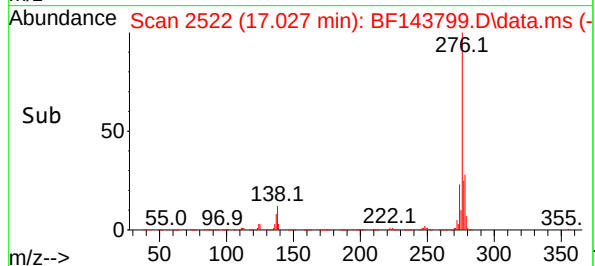
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:276 Resp: 172826
Ion Ratio Lower Upper
276 100
138 13.0 10.6 15.8
277 25.6 20.7 31.1

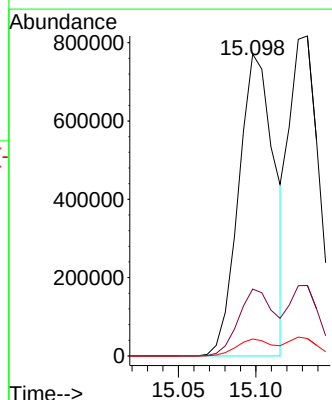
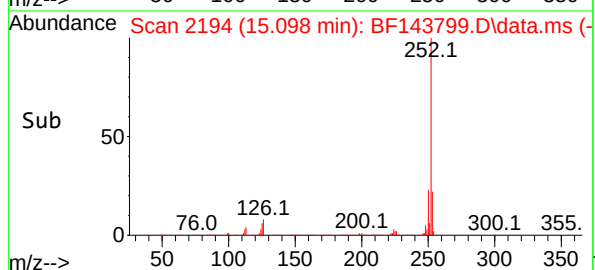
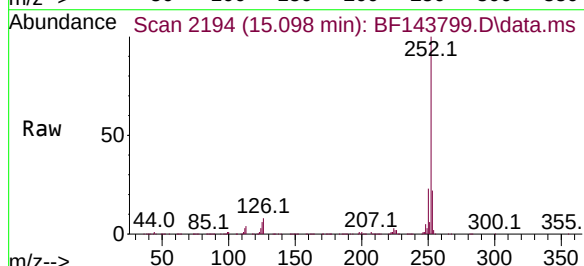
Manual Integrations
APPROVED

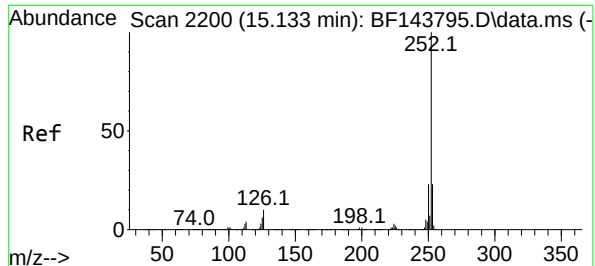
Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#88
Benzo(b)fluoranthene
Concen: 45.894 ng
RT: 15.098 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:252 Resp: 1234859
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.6 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 40.882 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF143799.D

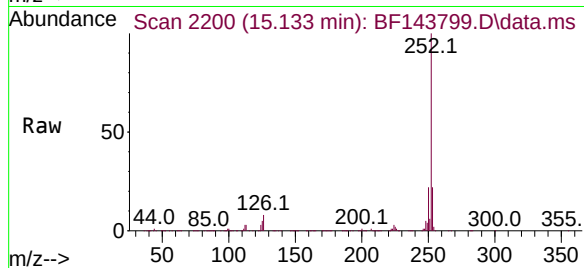
Acq: 23 Sep 2025 17:42

Instrument :

BNA_F

ClientSampleId :

ICVBF092325



Tgt Ion:252 Resp: 1105146

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

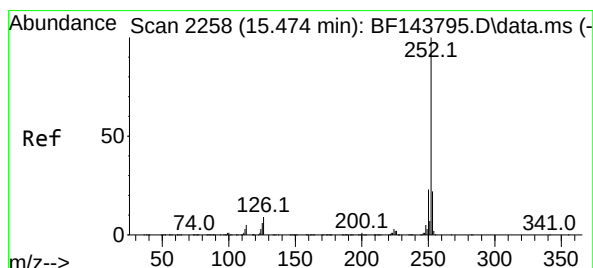
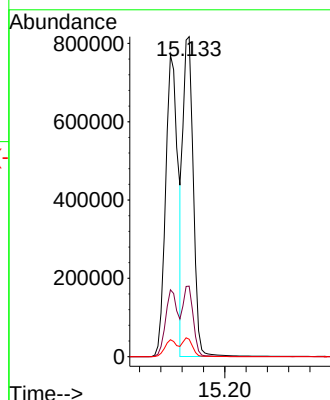
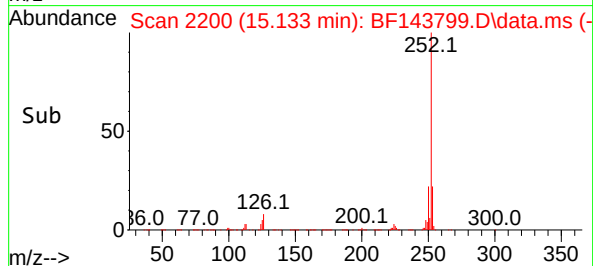
125 5.4 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/24/2025

Supervised By :Jagrut Upadhyay 09/24/2025



#90

Benzo(a)pyrene

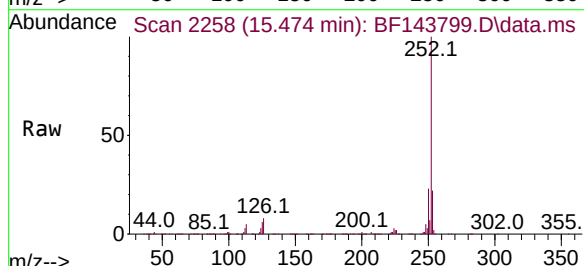
Concen: 43.246 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143799.D

Acq: 23 Sep 2025 17:42



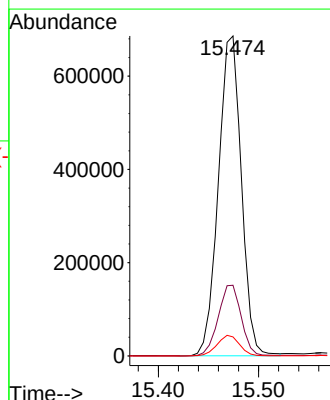
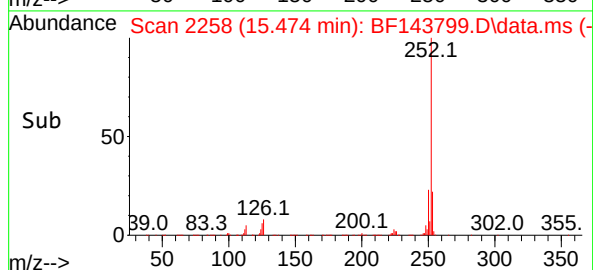
Tgt Ion:252 Resp: 1093771

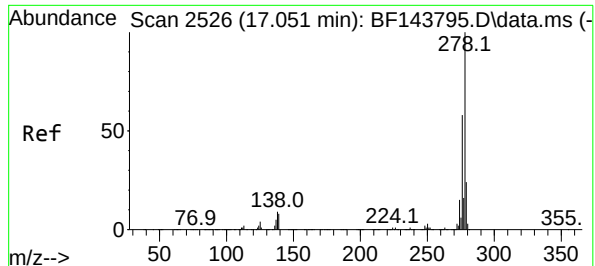
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

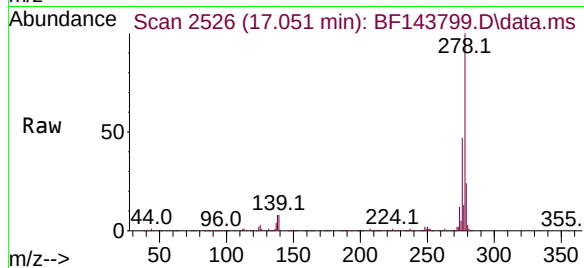
125 6.0 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 43.395 ng
RT: 17.051 min Scan# 2511
Delta R.T. -0.017 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

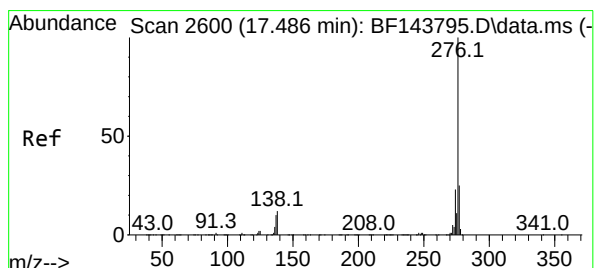
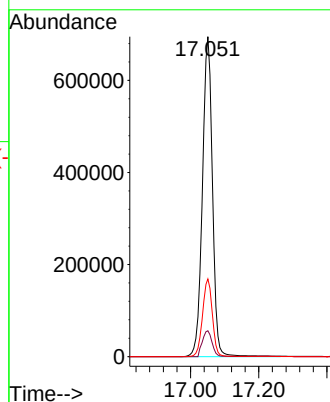
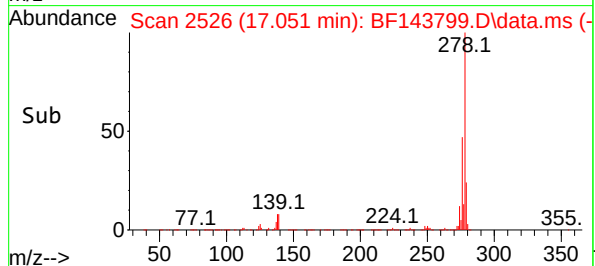
Instrument :
BNA_F
ClientSampleId :
ICVBF092325



Tgt Ion:278 Resp: 142288
Ion Ratio Lower Upper
278 100
139 8.1 6.7 10.1
279 24.3 19.3 28.9

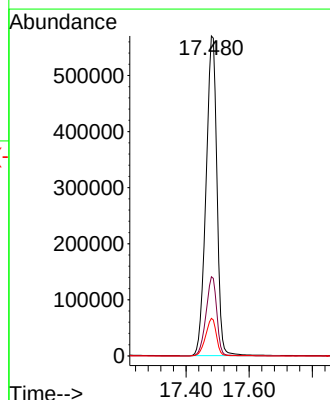
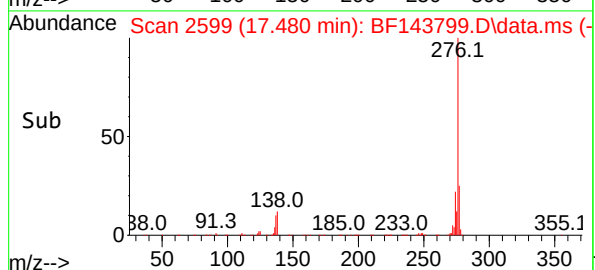
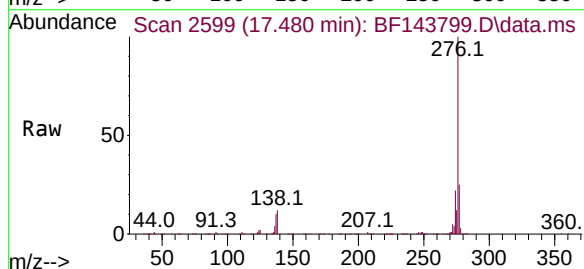
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/24/2025
Supervised By :Jagrut Upadhyay 09/24/2025



#92
Benzo(g,h,i)perylene
Concen: 43.247 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.023 min
Lab File: BF143799.D
Acq: 23 Sep 2025 17:42

Tgt Ion:276 Resp: 1366956
Ion Ratio Lower Upper
276 100
277 24.7 19.6 29.4
138 11.7 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
2	1,4-Dioxane	0.589	0.643	-9.2	97	0.00
3	Pyridine	1.590	1.711	-7.6	96	0.00
4	n-Nitrosodimethylamine	0.797	0.846	-6.1	96	-0.02
5 S	2-Fluorophenol	1.231	1.345	-9.3	98	0.00
6	Aniline	2.064	2.147	-4.0	96	0.00
7 S	Phenol-d6	1.422	1.500	-5.5	95	0.00
8	2-Chlorophenol	1.260	1.338	-6.2	97	0.00
9	Benzaldehyde	1.246	1.453	-16.6	95	0.00
10 C	Phenol	1.653	1.734	-4.9	96	-0.01
11	bis(2-Chloroethyl)ether	1.296	1.357	-4.7	96	0.00
12	1,3-Dichlorobenzene	1.463	1.546	-5.7	97	0.00
13 C	1,4-Dichlorobenzene	1.460	1.528	-4.7	96	0.00
14	1,2-Dichlorobenzene	1.383	1.443	-4.3	96	0.00
15	Benzyl Alcohol	1.028	1.093	-6.3	97	0.00
16	2,2'-oxybis(1-Chloropropane	3.073	3.217	-4.7	96	0.00
17	2-Methylphenol	0.976	1.032	-5.7	97	0.00
18	Hexachloroethane	0.514	0.550	-7.0	98	0.00
19 P	n-Nitroso-di-n-propylamine	0.915	0.910	0.5	96	-0.01
20	3+4-Methylphenols	1.188	1.296	-9.1	98	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	96	0.00
22	Acetophenone	0.439	0.456	-3.9	95	0.00
23 S	Nitrobenzene-d5	0.327	0.361	-10.4	98	0.00
24	Nitrobenzene	0.362	0.395	-9.1	98	-0.01
25	Isophorone	0.637	0.665	-4.4	95	0.00
26 C	2-Nitrophenol	0.132	0.163	-23.5#	106	0.00
27	2,4-Dimethylphenol	0.285	0.304	-6.7	96	0.00
28	bis(2-Chloroethoxy)methane	0.414	0.429	-3.6	94	0.00
29 C	2,4-Dichlorophenol	0.280	0.300	-7.1	97	0.00
30	1,2,4-Trichlorobenzene	0.291	0.308	-5.8	96	0.00
31	Naphthalene	0.957	1.006	-5.1	96	0.00
32	Benzoic acid	0.137	0.151	-10.2	103	-0.03
33	4-Chloroaniline	0.336	0.353	-5.1	96	0.00
34 C	Hexachlorobutadiene	0.217	0.230	-6.0	95	0.00
35	Caprolactam	0.072	0.079	-9.7	101	-0.02
36 C	4-Chloro-3-methylphenol	0.263	0.279	-6.1	97	0.00
37	2-Methylnaphthalene	0.611	0.636	-4.1	96	0.00
38	1-Methylnaphthalene	0.584	0.613	-5.0	96	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
40	1,2,4,5-Tetrachlorobenzene	0.604	0.634	-5.0	99	0.00
41 P	Hexachlorocyclopentadiene	0.383	0.419	-9.4	98	0.00
42 S	2,4,6-Tribromophenol	0.296	0.341	-15.2	102	0.00
43 C	2,4,6-Trichlorophenol	0.378	0.425	-12.4	99	0.00
44	2,4,5-Trichlorophenol	0.395	0.418	-5.8	97	0.00
45 S	2-Fluorobiphenyl	1.282	1.351	-5.4	98	0.00
46	1,1'-Biphenyl	1.448	1.493	-3.1	98	0.00
47	2-Chloronaphthalene	1.165	1.198	-2.8	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.352	0.423	-20.2	104	0.00
49	Acenaphthylene	1.604	1.696	-5.7	98	0.00
50	Dimethylphthalate	1.219	1.299	-6.6	99	0.00
51	2,6-Dinitrotoluene	0.200	0.242	-21.0	104	0.00
52 C	Acenaphthene	1.056	1.105	-4.6	97	0.00
53	3-Nitroaniline	0.243	0.289	-18.9	100	0.00
54 P	2,4-Dinitrophenol	0.064	0.074	-15.6	115	0.00
55	Dibenzofuran	1.493	1.577	-5.6	99	0.00
56 P	4-Nitrophenol	0.196	0.224	-14.3	106	0.00
57	2,4-Dinitrotoluene	0.261	0.330	-26.4#	105	0.00
58	Fluorene	1.110	1.169	-5.3	100	0.00
59	2,3,4,6-Tetrachlorophenol	0.339	0.390	-15.0	102	0.00
60	Diethylphthalate	1.141	1.232	-8.0	99	0.00
61	4-Chlorophenyl-phenylether	0.566	0.597	-5.5	99	0.00
62	4-Nitroaniline	0.228	0.274	-20.2	101	-0.01
63	Azobenzene	1.203	1.286	-6.9	98	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.082	-22.4	117	0.00
66 c	n-Nitrosodiphenylamine	0.658	0.682	-3.6	99	0.00
67	4-Bromophenyl-phenylether	0.341	0.365	-7.0	101	0.00
68	Hexachlorobenzene	0.470	0.501	-6.6	101	0.00
69	Atrazine	0.190	0.215	-13.2	101	0.00
70 C	Pentachlorophenol	0.234	0.271	-15.8	105	0.00
71	Phenanthrene	1.027	1.086	-5.7	100	0.00
72	Anthracene	1.030	1.114	-8.2	102	0.00
73	Carbazole	0.901	0.993	-10.2	101	0.00
74	Di-n-butylphthalate	1.036	1.196	-15.4	103	0.00
75 C	Fluoranthene	1.033	1.188	-15.0	103	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	103	0.00
77	Benzydine	0.487	0.490	-0.6	98	0.00
78	Pyrene	0.983	1.011	-2.8	103	0.00
79 S	Terphenyl-d14	0.983	1.028	-4.6	103	0.00
80	Butylbenzylphthalate	0.340	0.397	-16.8	104	0.00
81	Benzo(a)anthracene	1.074	1.109	-3.3	99	0.00
82	3,3'-Dichlorobenzidine	0.465	0.497	-6.9	103	0.00
83	Chrysene	0.972	1.064	-9.5	107	0.00
84	Bis(2-ethylhexyl)phthalate	0.499	0.570	-14.2	105	0.00
85 c	Di-n-octyl phthalate	0.905	1.007	-11.3	102	0.00
86 I	Perylene-d12	1.000	1.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	1.517	1.635	-7.8	102	-0.02
88	Benzo(b)fluoranthene	1.018	1.169	-14.8	106	0.00
89	Benzo(k)fluoranthene	1.023	1.046	-2.2	97	0.00
90 C	Benzo(a)pyrene	0.957	1.035	-8.2	101	0.00
91	Dibenzo(a,h)anthracene	1.241	1.347	-8.5	102	-0.02
92	Benzo(g,h,i)perylene	1.196	1.294	-8.2	102	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	96	0.00
2	1,4-Dioxane	40.000	43.647	-9.1	97	0.00
3	Pyridine	40.000	43.022	-7.6	96	0.00
4	n-Nitrosodimethylamine	40.000	42.441	-6.1	96	-0.02
5 S	2-Fluorophenol	80.000	86.573	-8.2	98	0.00
6	Aniline	40.000	41.592	-4.0	96	0.00
7 S	Phenol-d6	80.000	81.847	-2.3	95	0.00
8	2-Chlorophenol	40.000	42.456	-6.1	97	0.00
9	Benzaldehyde	40.000	46.667	-16.7	95	0.00
10 C	Phenol	40.000	41.956	-4.9	96	-0.01
11	bis(2-Chloroethyl)ether	40.000	41.891	-4.7	96	0.00
12	1,3-Dichlorobenzene	40.000	42.271	-5.7	97	0.00
13 C	1,4-Dichlorobenzene	40.000	41.859	-4.6	96	0.00
14	1,2-Dichlorobenzene	40.000	41.736	-4.3	96	0.00
15	Benzyl Alcohol	40.000	42.558	-6.4	97	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	41.868	-4.7	96	0.00
17	2-Methylphenol	40.000	42.304	-5.8	97	0.00
18	Hexachloroethane	40.000	42.878	-7.2	98	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	39.810	0.5	96	-0.01
20	3+4-Methylphenols	40.000	43.619	-9.0	98	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	96	0.00
22	Acetophenone	40.000	41.524	-3.8	95	0.00
23 S	Nitrobenzene-d5	80.000	90.799	-13.5	98	0.00
24	Nitrobenzene	40.000	43.582	-9.0	98	-0.01
25	Isophorone	40.000	41.778	-4.4	95	0.00
26 C	2-Nitrophenol	40.000	44.135	-10.3	106	0.00
27	2,4-Dimethylphenol	40.000	42.725	-6.8	96	0.00
28	bis(2-Chloroethoxy)methane	40.000	41.459	-3.6	94	0.00
29 C	2,4-Dichlorophenol	40.000	42.921	-7.3	97	0.00
30	1,2,4-Trichlorobenzene	40.000	42.395	-6.0	96	0.00
31	Naphthalene	40.000	42.019	-5.0	96	0.00
32	Benzoic acid	40.000	43.922	-9.8	103	-0.03
33	4-Chloroaniline	40.000	41.955	-4.9	96	0.00
34 C	Hexachlorobutadiene	40.000	42.413	-6.0	95	0.00
35	Caprolactam	40.000	44.018	-10.0	101	-0.02
36 C	4-Chloro-3-methylphenol	40.000	42.485	-6.2	97	0.00
37	2-Methylnaphthalene	40.000	41.689	-4.2	96	0.00
38	1-Methylnaphthalene	40.000	41.968	-4.9	96	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	98	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.989	-5.0	99	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.786	-9.5	98	0.00
42 S	2,4,6-Tribromophenol	80.000	95.600	-19.5	102	0.00
43 C	2,4,6-Trichlorophenol	40.000	45.018	-12.5	99	0.00
44	2,4,5-Trichlorophenol	40.000	42.310	-5.8	97	0.00
45 S	2-Fluorobiphenyl	80.000	79.843	0.2	98	0.00
46	1,1'-Biphenyl	40.000	41.254	-3.1	98	0.00
47	2-Chloronaphthalene	40.000	41.133	-2.8	96	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143799.D
 Acq On : 23 Sep 2025 17:42
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092325

Quant Time: Sep 23 18:09:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	48.090	-20.2	104	0.00
49	Acenaphthylene	40.000	42.279	-5.7	98	0.00
50	Dimethylphthalate	40.000	42.624	-6.6	99	0.00
51	2,6-Dinitrotoluene	40.000	48.254	-20.6	104	0.00
52 C	Acenaphthene	40.000	41.869	-4.7	97	0.00
53	3-Nitroaniline	40.000	47.665	-19.2	100	0.00
54 P	2,4-Dinitrophenol	40.000	46.217	-15.5	115	0.00
55	Dibenzofuran	40.000	42.251	-5.6	99	0.00
56 P	4-Nitrophenol	40.000	45.864	-14.7	106	0.00
57	2,4-Dinitrotoluene	40.000	44.618	-11.5	105	0.00
58	Fluorene	40.000	42.132	-5.3	100	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	46.097	-15.2	102	0.00
60	Diethylphthalate	40.000	43.199	-8.0	99	0.00
61	4-Chlorophenyl-phenylether	40.000	42.203	-5.5	99	0.00
62	4-Nitroaniline	40.000	47.936	-19.8	101	-0.01
63	Azobenzene	40.000	42.769	-6.9	98	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	99	0.00
65	4,6-Dinitro-2-methylphenol	40.000	45.452	-13.6	117	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.480	-3.7	99	0.00
67	4-Bromophenyl-phenylether	40.000	42.884	-7.2	101	0.00
68	Hexachlorobenzene	40.000	42.661	-6.7	101	0.00
69	Atrazine	40.000	45.083	-12.7	101	0.00
70 C	Pentachlorophenol	40.000	46.307	-15.8	105	0.00
71	Phenanthrene	40.000	42.299	-5.7	100	0.00
72	Anthracene	40.000	43.252	-8.1	102	0.00
73	Carbazole	40.000	44.114	-10.3	101	0.00
74	Di-n-butylphthalate	40.000	46.182	-15.5	103	0.00
75 C	Fluoranthene	40.000	46.027	-15.1	103	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	103	0.00
77	Benzidine	40.000	40.236	-0.6	98	0.00
78	Pyrene	40.000	41.117	-2.8	103	0.00
79 S	Terphenyl-d14	80.000	80.752	-0.9	103	0.00
80	Butylbenzylphthalate	40.000	46.674	-16.7	104	0.00
81	Benzo(a)anthracene	40.000	41.296	-3.2	99	0.00
82	3,3'-Dichlorobenzidine	40.000	42.723	-6.8	103	0.00
83	Chrysene	40.000	43.791	-9.5	107	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	45.704	-14.3	105	0.00
85 c	Di-n-octyl phthalate	40.000	44.512	-11.3	102	0.00
86 I	Perylene-d12	20.000	20.000	0.0	101	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.111	-7.8	102	-0.02
88	Benzo(b)fluoranthene	40.000	45.894	-14.7	106	0.00
89	Benzo(k)fluoranthene	40.000	40.882	-2.2	97	0.00
90 C	Benzo(a)pyrene	40.000	43.246	-8.1	101	0.00
91	Dibenzo(a,h)anthracene	40.000	43.395	-8.5	102	-0.02
92	Benzo(g,h,i)perylene	40.000	43.247	-8.1	102	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143799.D
Acq On : 23 Sep 2025 17:42
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF092325

Quant Time: Sep 23 18:09:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 17:50:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG No.: Q3266Instrument ID: BNA_FCalibration Date(s): 10/06/2025 10/06/2025Calibration Time(s): 09:59 14:22

LAB FILE ID:		RRF2.5 = BF143875.D			RRF005 = BF143876.D		RRF010 = BF143877.D	
		RRF020 = BF143878.D			RRF040 = BF143879.D		RRF050 = BF143880.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.259	9.1
Benzaldehyde			1.115	1.026	1.329	1.198	1.158	16.2
Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.501	8.6
Phenol		1.934	1.814	1.889	1.841	1.756	1.795	6.3
bis(2-Chloroethyl) ether		1.487	1.457	1.467	1.446	1.308	1.386	7.2
2-Chlorophenol		1.324	1.229	1.274	1.294	1.201	1.231	5.9
2-Methylphenol		1.064	1.057	1.049	1.054	0.985	1.017	5.1
2,2-oxybis(1-Chloropropane)		3.520	3.385	3.273	3.239	3.008	3.156	8.8
Acetophenone		0.515	0.461	0.462	0.433	0.374	0.423	14.7
3+4-Methylphenols			1.401	1.342	1.266	1.068	1.179	15.6
n-Nitroso-di-n-propylamine	1.052	1.135	1.134	1.054	1.026	0.970	1.028	8.1
Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.329	4.2
Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.485	8.4
Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.366	5.3
Isophorone		0.754	0.708	0.708	0.705	0.665	0.694	5.0
2-Nitrophenol		0.121	0.133	0.163	0.174	0.167	0.157	13.4
2,4-Dimethylphenol		0.287	0.288	0.292	0.295	0.271	0.282	4.1
bis(2-Chloroethoxy) methane		0.510	0.474	0.463	0.444	0.398	0.438	10.8
2,4-Dichlorophenol		0.317	0.292	0.313	0.307	0.280	0.294	6.5
Naphthalene		1.103	0.996	0.972	0.932	0.817	0.910	14.1
4-Chloroaniline		0.368	0.370	0.357	0.355	0.319	0.341	8.2
Hexachlorobutadiene		0.231	0.214	0.210	0.207	0.183	0.201	10.1
Caprolactam			0.092	0.091	0.095	0.094	0.093	1.6
4-Chloro-3-methylphenol		0.301	0.302	0.289	0.287	0.269	0.282	6.3
2-Methylnaphthalene		0.742	0.683	0.654	0.616	0.527	0.606	15.5
Hexachlorocyclopentadiene			0.182	0.216	0.257	0.246	0.229	11.8
2,4,6-Trichlorophenol		0.408	0.394	0.426	0.445	0.383	0.404	6.1
2-Fluorobiphenyl		1.568	1.424	1.335	1.224	0.984	1.260	18.0
2,4,5-Trichlorophenol		0.443	0.444	0.460	0.456	0.401	0.427	7.3
1,1-Biphenyl		1.617	1.476	1.448	1.374	1.134	1.324	15.8
2-Chloronaphthalene		1.294	1.196	1.197	1.137	0.988	1.104	12.5
2-Nitroaniline		0.293	0.322	0.371	0.392	0.354	0.349	9.4
Dimethylphthalate		1.442	1.351	1.334	1.291	1.166	1.270	9.3
Acenaphthylene		1.797	1.701	1.648	1.623	1.386	1.552	12.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG No.: Q3266Instrument ID: BNA_FCalibration Date(s): 10/06/2025 10/06/2025Calibration Time(s): 09:59 14:22

LAB FILE ID:		RRF2.5 = BF143875.D			RRF005 = BF143876.D		RRF010 = BF143877.D	
		RRF020 = BF143878.D			RRF040 = BF143879.D		RRF050 = BF143880.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.201	0.204	0.245	0.262	0.250	0.236	10.1
3-Nitroaniline		0.256	0.270	0.306	0.306	0.296	0.288	6.6
Acenaphthene		1.177	1.115	1.096	1.052	0.897	1.017	12.2
2,4-Dinitrophenol			0.061	0.094	0.120	0.143	0.118	29.3
4-Nitrophenol			0.173	0.215	0.234	0.230	0.218	10.5
Dibenzofuran		1.680	1.608	1.572	1.494	1.253	1.436	14.1
2,4-Dinitrotoluene		0.252	0.284	0.341	0.365	0.335	0.320	12.3
Diethylphthalate		1.319	1.281	1.273	1.222	1.070	1.180	10.6
4-Chlorophenyl-phenylether		0.689	0.662	0.626	0.596	0.485	0.573	16.4
Fluorene		1.393	1.266	1.173	1.097	0.897	1.083	19.2
4-Nitroaniline		0.257	0.259	0.285	0.292	0.287	0.277	5.3
4,6-Dinitro-2-methylphenol			0.065	0.092	0.111	0.112	0.101	19.3
n-Nitrosodiphenylamine		0.712	0.683	0.675	0.656	0.560	0.628	11.2
2,4,6-Tribromophenol		0.194	0.192	0.210	0.207	0.198	0.199	3.5
4-Bromophenyl-phenylether		0.247	0.234	0.231	0.231	0.201	0.221	8.7
Hexachlorobenzene		0.277	0.268	0.263	0.267	0.242	0.256	6.6
Atrazine		0.197	0.206	0.213	0.195	0.184	0.190	9.4
Pentachlorophenol			0.117	0.152	0.157	0.154	0.147	10.1
Phenanthrene		1.164	1.092	1.066	0.976	0.842	0.970	14.9
Anthracene		1.161	1.097	1.057	1.025	0.854	0.980	14.4
Carbazole		1.015	0.962	0.939	0.884	0.766	0.868	13.1
Di-n-butylphthalate		1.089	1.094	1.108	1.053	0.910	1.005	10.8
Fluoranthene		1.156	1.153	1.094	1.032	0.876	1.002	14.4
Pyrene		1.838	1.663	1.769	1.863	1.541	1.667	9.9
Terphenyl-d14		1.301	1.209	1.271	1.279	1.066	1.170	10.7
Butylbenzylphthalate		0.466	0.503	0.579	0.620	0.545	0.542	9.3
3,3-Dichlorobenzidine			0.364	0.403	0.440	0.401	0.399	6.4
Benzo (a) anthracene		1.342	1.347	1.354	1.398	1.232	1.309	5.5
Chrysene		1.373	1.188	1.267	1.294	1.116	1.211	8.4
Bis (2-ethylhexyl) phthalate		0.591	0.619	0.687	0.739	0.642	0.653	7.7
Di-n-octyl phthalate			0.837	1.009	1.194	1.108	1.072	12.2
Benzo (b) fluoranthene		1.207	1.138	1.131	1.269	1.095	1.149	7.6
Benzo (k) fluoranthene		1.138	1.173	1.228	1.108	0.923	1.063	12.1
Benzo (a) pyrene		1.000	1.006	1.037	1.102	0.936	0.996	6.2
Indeno (1,2,3-cd) pyrene		1.114	1.104	1.222	1.393	1.235	1.225	8.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG No.: Q3266Instrument ID: BNA_FCalibration Date(s): 10/06/2025 10/06/2025Calibration Time(s): 09:59 14:22

LAB FILE ID:		RRF2.5 = BF143875.D			RRF005 = BF143876.D		RRF010 = BF143877.D	
		RRF020 = BF143878.D			RRF040 = BF143879.D		RRF050 = BF143880.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		0.888	0.915	1.015	1.128	0.975	0.986	7.9
Benzo(g,h,i)perylene		0.889	0.888	0.983	1.117	0.991	0.986	8.1
1,2,4,5-Tetrachlorobenzene		0.610	0.592	0.595	0.590	0.500	0.553	10.4
1,4-Dioxane		0.614	0.595	0.597	0.609	0.544	0.583	5.0
2,3,4,6-Tetrachlorophenol		0.276	0.303	0.315	0.325	0.300	0.302	5.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF100625.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Oct 06 15:29:47 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF143882.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96	
3)	Pyridine	1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74	
4)	n-Nitrosodimet...	0.825	0.895	0.909	0.917	0.909	0.900	0.900	0.893	3.81	
5) S	2-Fluorophenol	1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15	
6)	Aniline	2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58	
7) S	Phenol-d6	1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62	
8)	2-Chlorophenol	1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90	
9)	Benzaldehyde	1.115	1.026	1.329	1.198	1.390	0.890	1.158	1.158	16.18	
10) C	Phenol	1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33	
11)	bis(2-Chloroet...	1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25	
12)	1,3-Dichlorobe...	1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64	
13) C	1,4-Dichlorobe...	1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88	
14)	1,2-Dichlorobe...	1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06	
15)	Benzyl Alcohol	1.118	1.138	1.173	1.134	1.104	1.082	1.125	1.125	2.79	
16)	2,2'-oxybis(1-...	3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79	
17)	2-Methylphenol	1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10	
18)	Hexachloroethane	0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39	
19) P	n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20)	3+4-Methylphenols	1.401	1.342	1.266	1.067	1.068	0.933	1.179	1.179	15.58	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67	
23) S	Nitrobenzene-d5	0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19	
24)	Nitrobenzene	0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26	
25)	Isophorone	0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04	
26) C	2-Nitrophenol	0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39	
27)	2,4-Dimethylph...	0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08	
28)	bis(2-Chloroet...	0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79	
29) C	2,4-Dichloroph...	0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54	
30)	1,2,4-Trichlor...	0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57	
31)	Naphthalene	1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06	
32)	Benzoic acid	0.131	0.173	0.200	0.216	0.222	0.228	0.195	0.195	18.95	
33)	4-Chloroaniline	0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20	
34) C	Hexachlorobuta...	0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11	
35)	Caprolactam	0.092	0.091	0.095	0.094	0.093	0.094	0.094	0.093	1.59	
36) C	4-Chloro-3-met...	0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27	
37)	2-Methylnaphth...	0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46	
38)	1-Methylnaphth...	0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF100625.M

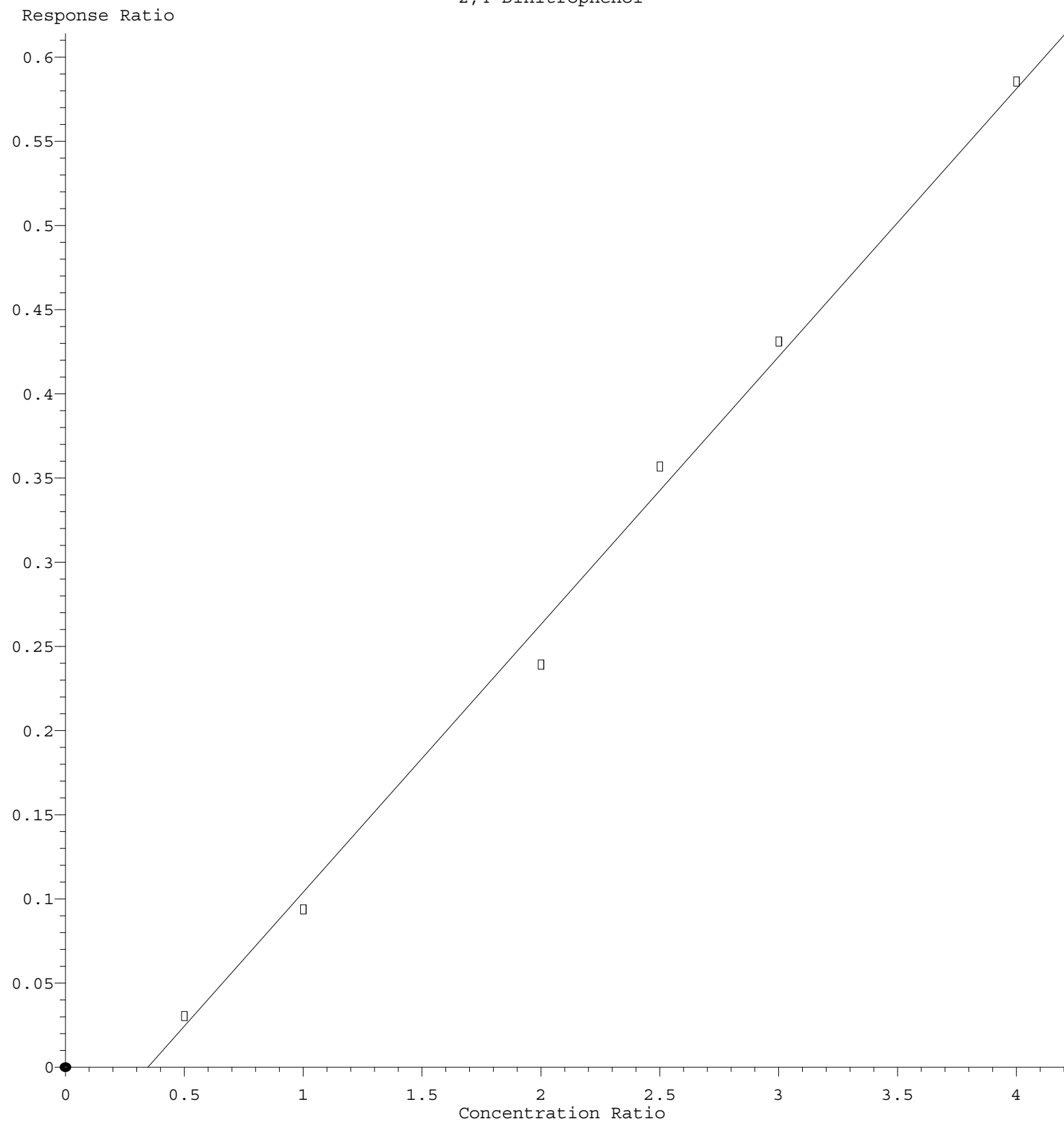
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38	
41) P	Hexachlorocycl...	0.182	0.216	0.257	0.246	0.240	0.235	0.229		11.77	
42) S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51	
43) C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07	
44)	2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34	
45) S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04	
46)	1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77	
47)	2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50	
48)	2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43	
49)	Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11	
50)	Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29	
51)	2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13	
52) C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21	
53)	3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59	
54) P	2,4-Dinitrophenol	0.061	0.094	0.120	0.143	0.144	0.146	0.118		29.25	
55)	Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13	
56) P	4-Nitrophenol	0.173	0.215	0.234	0.230	0.228	0.230	0.218		10.55	
57)	2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30	
58)	Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21	
59)	2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49	
60)	Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62	
61)	4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43	
62)	4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25	
63)	Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.065	0.092	0.111	0.112	0.114	0.110	0.101		19.26	
66) c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22	
67)	4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74	
68)	Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59	
69)	Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44	
70) C	Pentachlorophenol	0.117	0.152	0.157	0.154	0.154	0.147	0.147		10.10	
71)	Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94	
72)	Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43	
73)	Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10	
74)	Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76	
75) C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.701	0.719	0.761	0.651	0.640		0.694		7.16	
78)	Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87	
79) S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70	
80)	Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31	
81)	Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49	
82)	3,3'-Dichlorob...	0.364	0.403	0.440	0.401	0.404	0.381	0.399		6.41	
83)	Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41	
84)	Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70	
85) c	Di-n-octyl pht...	0.837	1.009	1.194	1.108	1.151	1.133	1.072		12.19	

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

		-----ISTD-----									
86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225		7.97
88)	Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149		7.63
89)	Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11	
90) C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996		6.17
91)	Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986		7.89
92)	Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986		8.08

(#) = Out of Range

2,4-Dinitrophenol



Response = $1.591 \times 10^{-1} \times \text{Amt} - 5.521 \times 10^{-2}$
 Coef of Det (r^2) = 0.995474 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF100625.M
 Calibration Table Last Updated: Mon Oct 06 15:29:47 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143875.D
 Acq On : 06 Oct 2025 09:59
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Oct 06 15:37:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

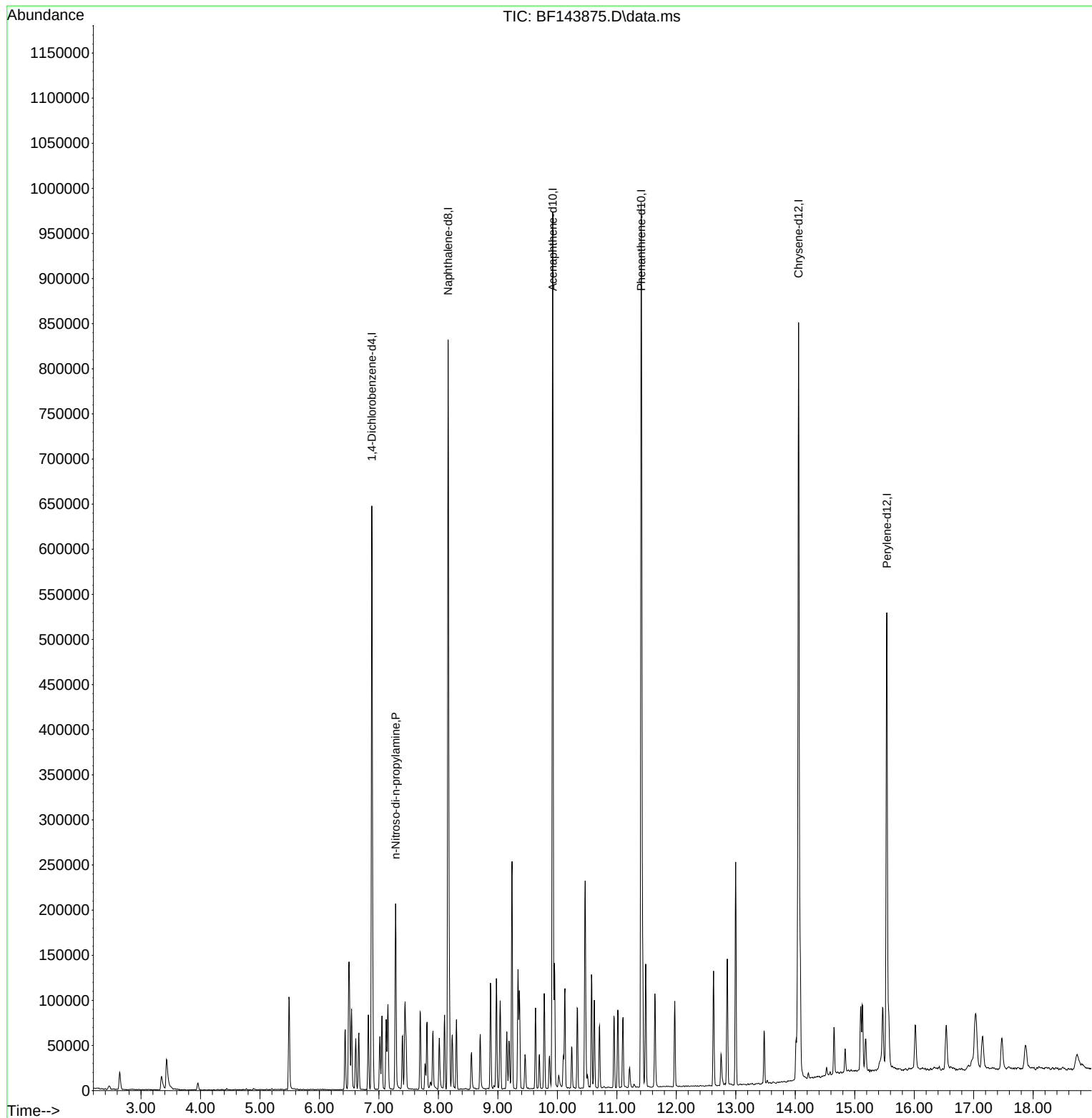
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	128129	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	501174	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	285618	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	520523	20.000	ng	0.00
76) Chrysene-d12	14.057	240	373433	20.000	ng	-0.01
86) Perylene-d12	15.539	264	316147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.281	70	16847	2.559	ng	Qvalue 98

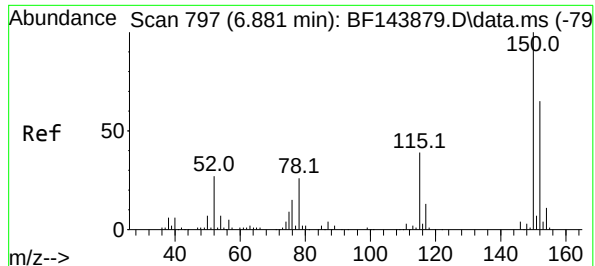
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143875.D
Acq On : 06 Oct 2025 09:59
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 06 15:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

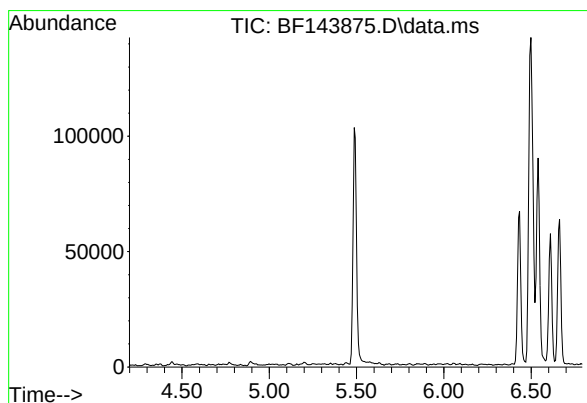
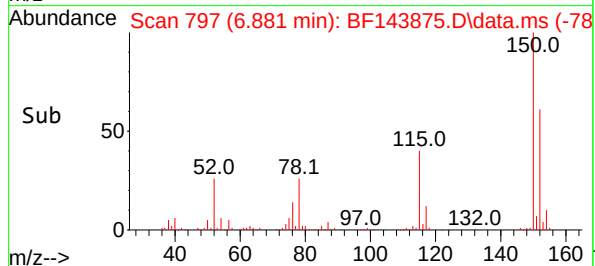
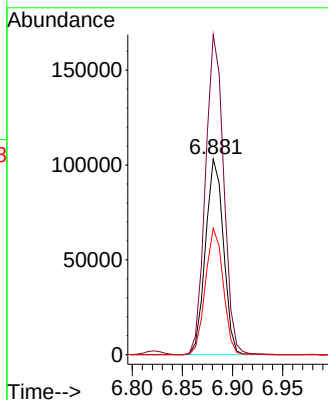
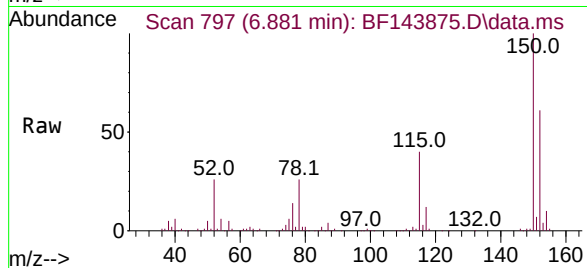




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

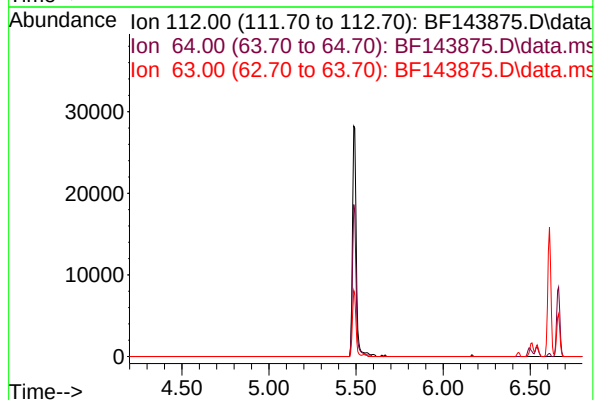
Tgt Ion:152 Resp: 128129
Ion Ratio Lower Upper
152 100
150 163.6 124.4 186.6
115 64.7 48.1 72.1

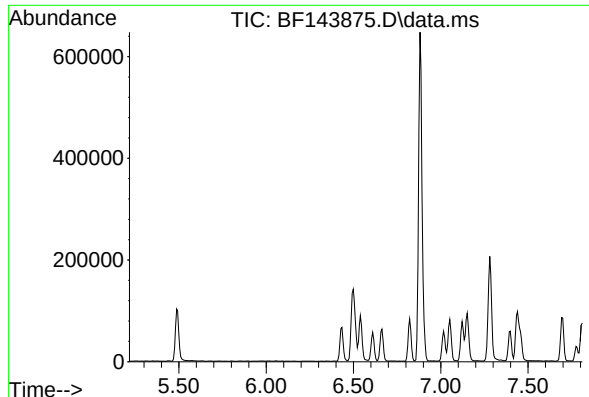


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 112
Sig Exp Ratio
112 100
64 61.4
63 30.6





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.52 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

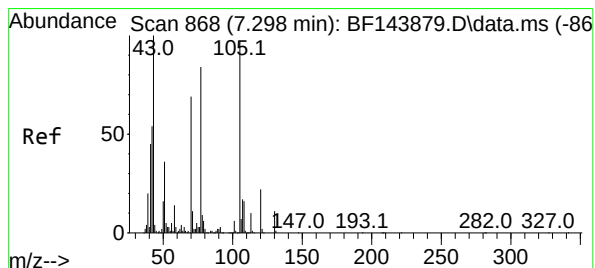
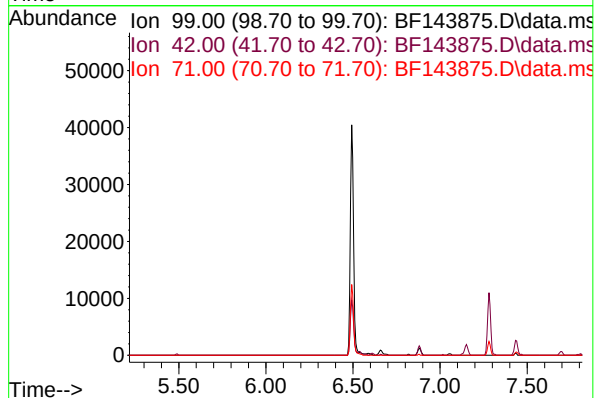
Tgt Ion: 99

Sig Exp Ratio

99 100

42 26.2

71 34.8



#19

n-Nitroso-di-n-propylamine

Concen: 2.559 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.035 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Tgt Ion: 70 Resp: 16847

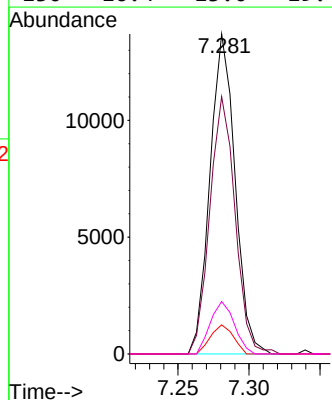
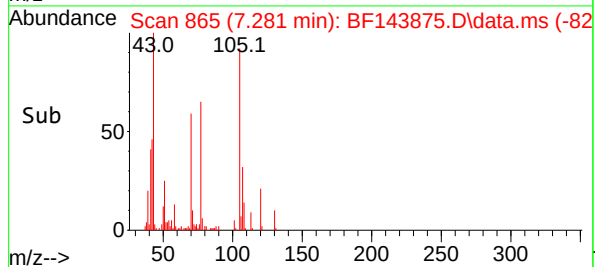
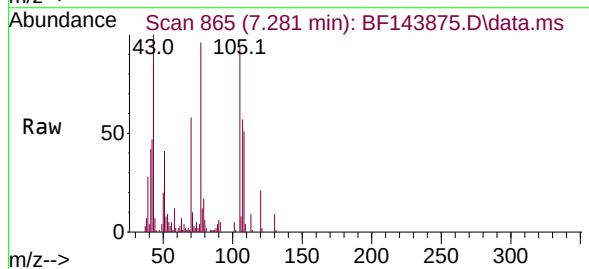
Ion Ratio Lower Upper

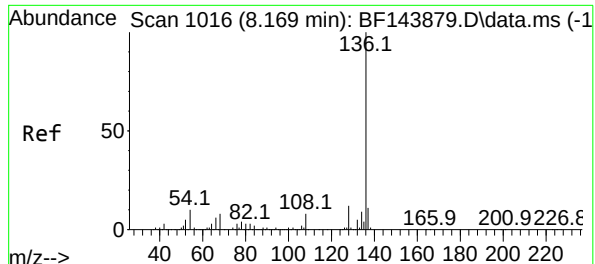
70 100

42 80.4 62.8 94.2

101 9.1 6.7 10.1

130 16.4 13.0 19.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143875.D

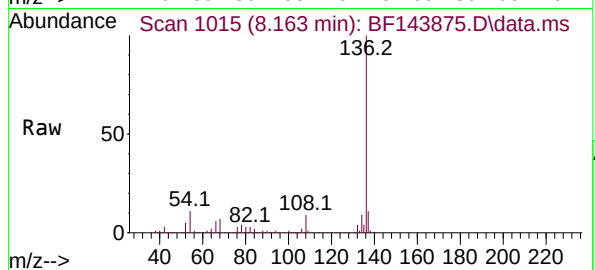
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 501174

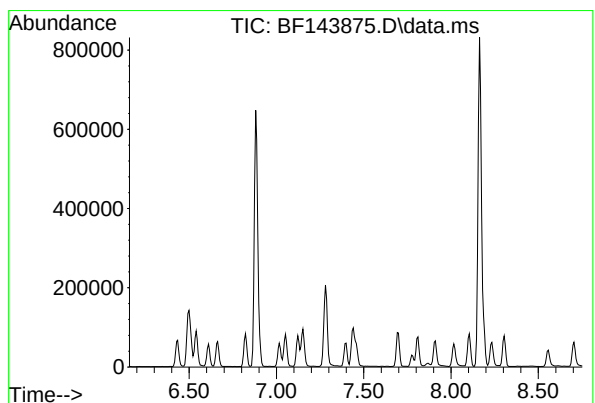
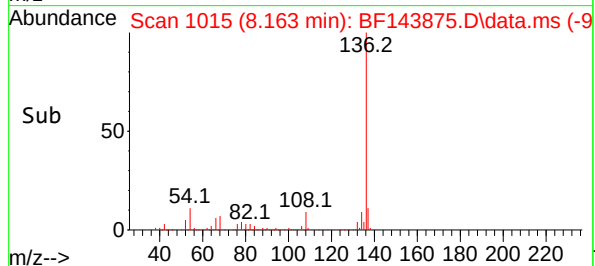
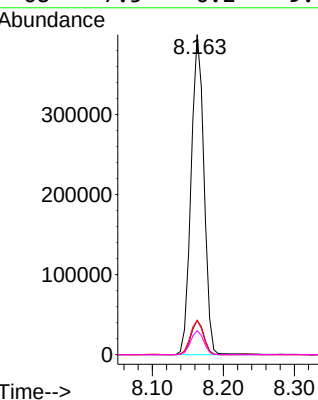
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.7 8.2 12.4

68 7.5 6.2 9.4



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.46 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

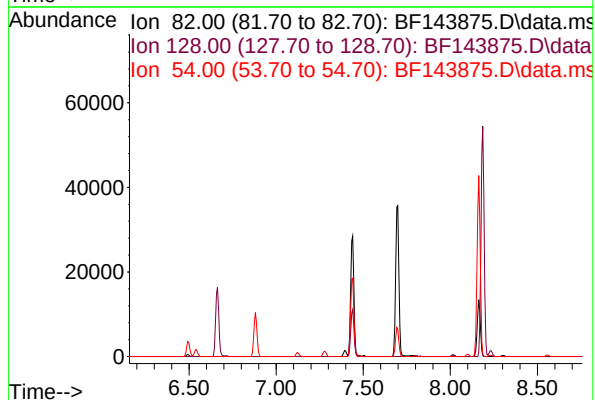
Tgt Ion: 82

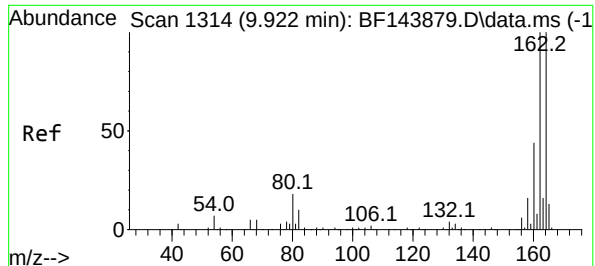
Sig Exp Ratio

82 100

128 42.5

54 66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143875.D

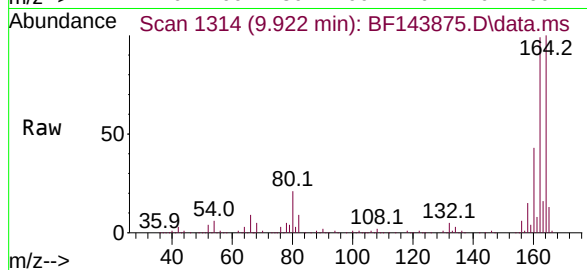
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



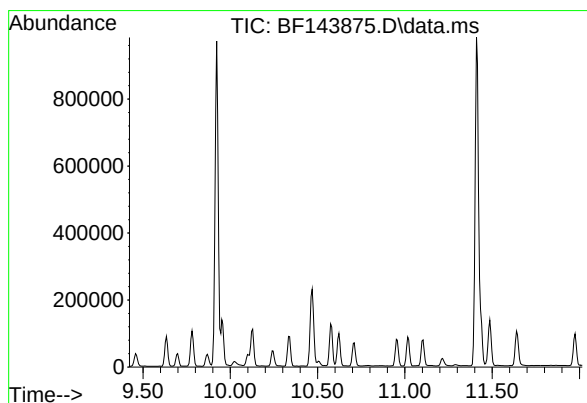
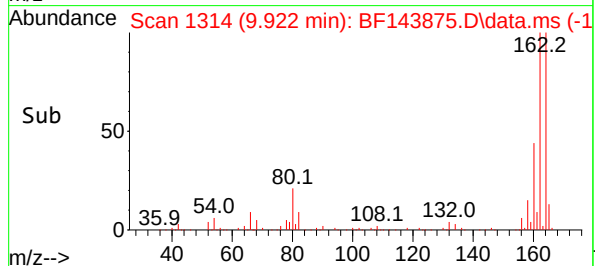
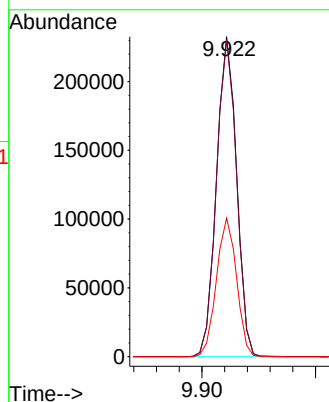
Tgt Ion:164 Resp: 285618

Ion Ratio Lower Upper

164 100

162 98.9 80.2 120.2

160 43.3 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

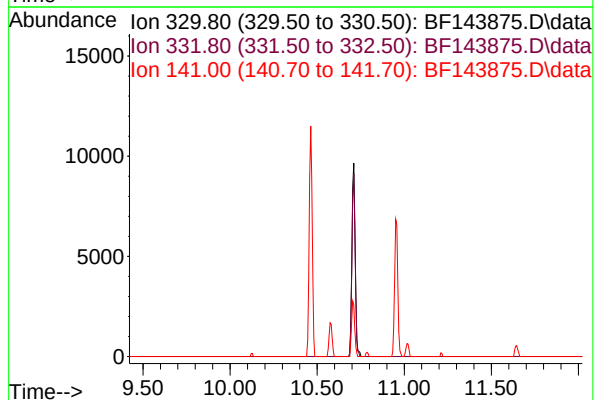
Tgt Ion: 330

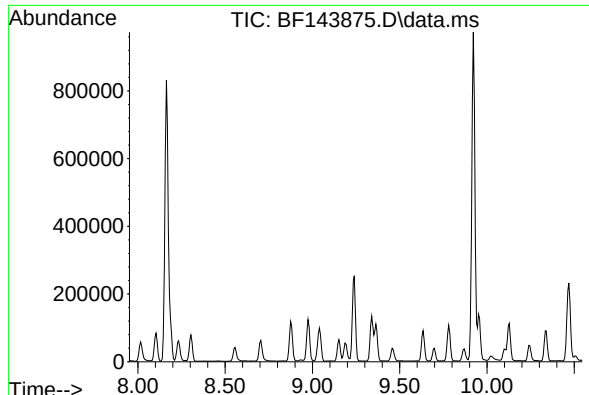
Sig Exp Ratio

330 100

332 96.1

141 25.3





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.25 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

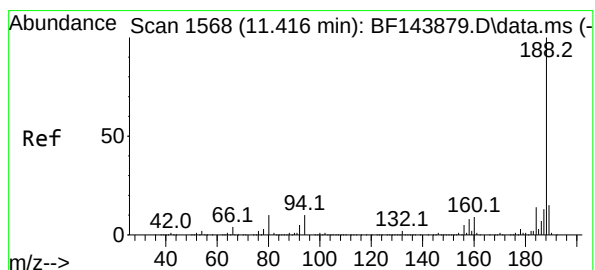
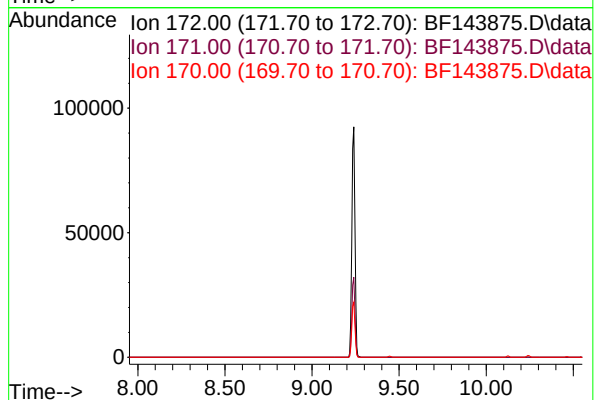
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.2

170 23.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. -0.006 min

Lab File: BF143875.D

Acq: 06 Oct 2025 09:59

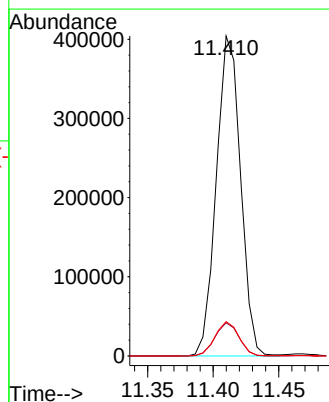
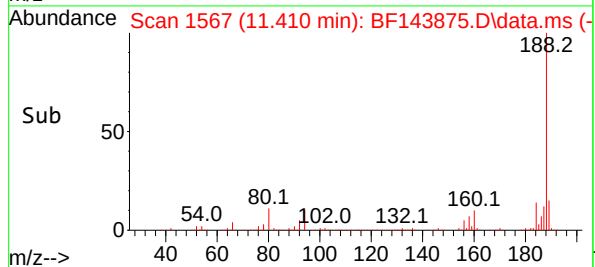
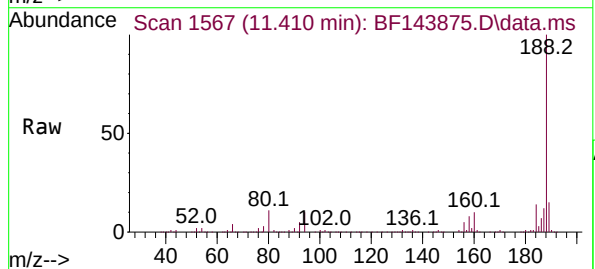
Tgt Ion:188 Resp: 520523

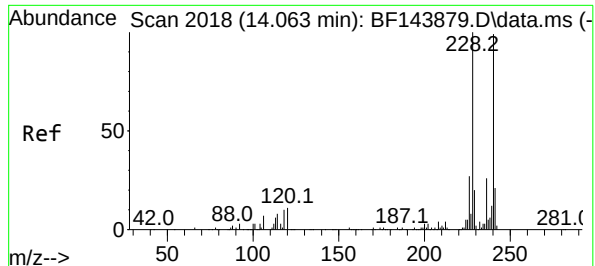
Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

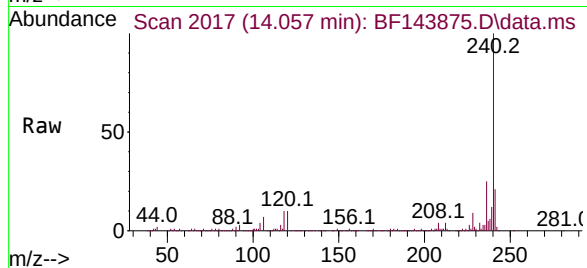
80 10.7 7.9 11.9



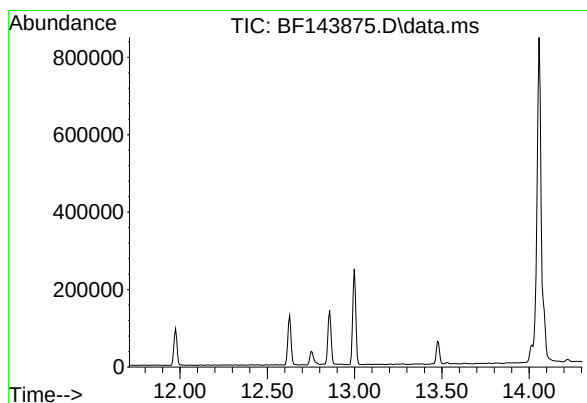
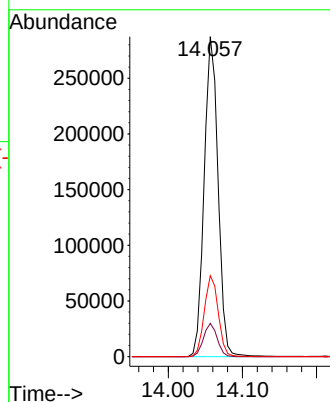
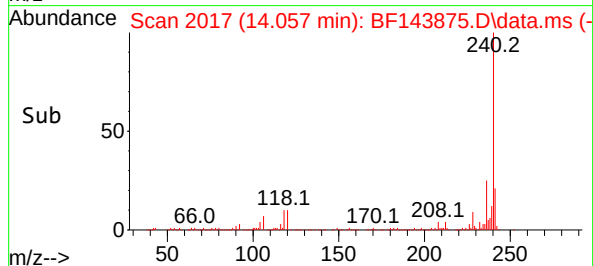


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



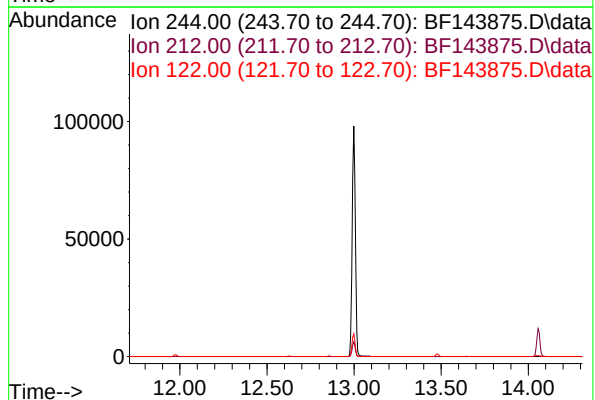
Tgt Ion:240 Resp: 373433
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.3 21.1 31.7



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.01 min

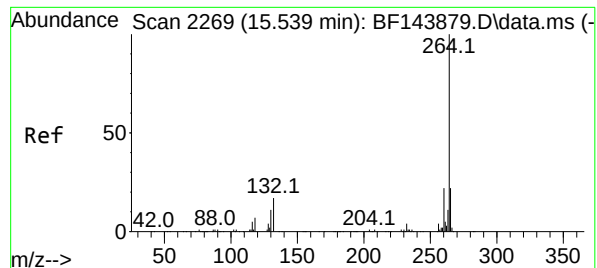
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.7
122 8.0



Ion 212.00 (211.70 to 212.70): BF143875.D\data

Ion 122.00 (121.70 to 122.70): BF143875.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143875.D

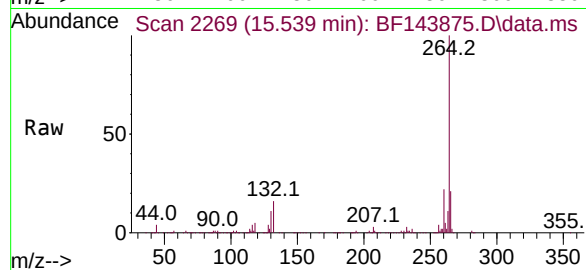
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



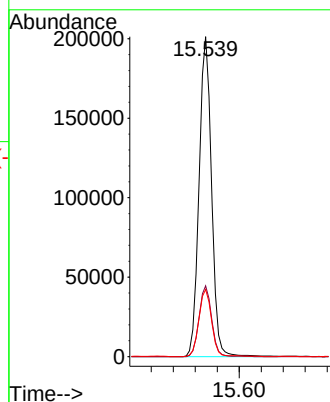
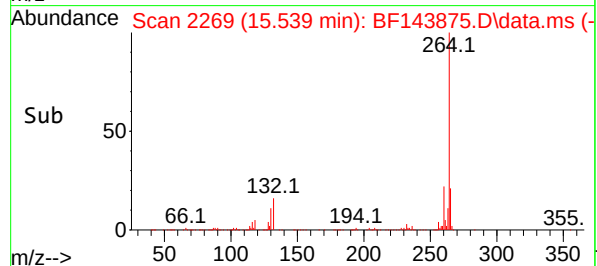
Tgt Ion:264 Resp: 316147

Ion Ratio Lower Upper

264 100

260 22.1 17.8 26.8

265 21.0 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143876.D
 Acq On : 06 Oct 2025 10:28
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Oct 06 16:14:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	137596	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	524114	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	303230	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	538298	20.000	ng	0.00
76) Chrysene-d12	14.057	240	379937	20.000	ng	-0.01
86) Perylene-d12	15.539	264	317181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	94810	10.942	ng	-0.01
7) Phenol-d6	6.493	99	111877	10.832	ng	-0.02
23) Nitrobenzene-d5	7.440	82	85080	9.862	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	29360	9.721	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	237689	12.438	ng	-0.01
79) Terphenyl-d14	12.998	244	247223	11.121	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	21110	5.265	ng	96
3) Pyridine	3.422	79	58179	4.984	ng	96
6) Aniline	6.540	93	82563	5.335	ng	99
8) 2-Chlorophenol	6.663	128	45534	5.376	ng	96
10) Phenol	6.510	94	66523m	5.388	ng	
11) bis(2-Chloroethyl)ether	6.610	93	51163	5.364	ng	98
12) 1,3-Dichlorobenzene	6.822	146	59929	5.911	ng	96
13) 1,4-Dichlorobenzene	6.898	146	56869	5.686	ng	98
14) 1,2-Dichlorobenzene	7.051	146	54371	5.676	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	121082	5.577	ng	99
17) 2-Methylphenol	7.122	107	36595	5.228	ng	97
18) Hexachloroethane	7.398	117	18346	5.501	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	39050	5.524	ng	98
22) Acetophenone	7.287	105	67515	6.092	ng	95
24) Nitrobenzene	7.457	77	48413	5.054	ng	96
25) Isophorone	7.692	82	98761	5.429	ng	100
26) 2-Nitrophenol	7.775	139	15870	3.864	ng	93
27) 2,4-Dimethylphenol	7.810	122	37645	5.095	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	66779	5.812	ng	99
29) 2,4-Dichlorophenol	8.016	162	41484	5.390	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	43309	5.722	ng	100
31) Naphthalene	8.187	128	144561	6.063	ng	100
33) 4-Chloroaniline	8.234	127	48181	5.388	ng	97
34) Hexachlorobutadiene	8.304	225	30246	5.751	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	39500	5.343	ng	99
37) 2-Methylnaphthalene	8.875	142	97227	6.122	ng	100
38) 1-Methylnaphthalene	8.975	142	94190	6.114	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	46252	5.519	ng	93
43) 2,4,6-Trichlorophenol	9.151	196	30908	5.047	ng	98
44) 2,4,5-Trichlorophenol	9.187	196	33613	5.194	ng	94
46) 1,1'-Biphenyl	9.339	154	122568	6.105	ng	100
47) 2-Chloronaphthalene	9.363	162	98102	5.861	ng	98
48) 2-Nitroaniline	9.457	65	22188	4.193	ng	98
49) Acenaphthylene	9.781	152	136204	5.788	ng	98
50) Dimethylphthalate	9.634	163	109323	5.677	ng	98
51) 2,6-Dinitrotoluene	9.698	165	15228	4.265	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143876.D
 Acq On : 06 Oct 2025 10:28
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

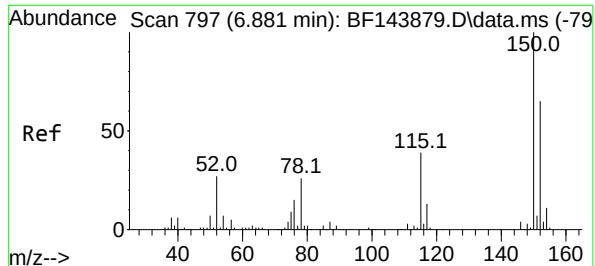
Quant Time: Oct 06 16:14:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.951	154	89242	5.787	ng	98
53) 3-Nitroaniline	9.869	138	19400	4.437	ng #	97
55) Dibenzofuran	10.128	168	127374	5.852	ng	99
57) 2,4-Dinitrotoluene	10.098	165	19103	3.932	ng #	97
58) Fluorene	10.469	166	105607	6.430	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	20888	4.560	ng #	96
60) Diethylphthalate	10.339	149	100010	5.590	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	52199	6.011	ng	95
62) 4-Nitroaniline	10.475	138	19447	4.625	ng	95
63) Azobenzene	10.622	77	105174	5.625	ng	98
66) n-Nitrosodiphenylamine	10.575	169	95847	5.671	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	33236	5.587	ng	95
68) Hexachlorobenzene	11.016	284	37233	5.406	ng	97
69) Atrazine	11.104	200	26507	5.174	ng	93
71) Phenanthrene	11.433	178	156676	6.004	ng	99
72) Anthracene	11.486	178	156289	5.928	ng	99
73) Carbazole	11.639	167	136597	5.850	ng	97
74) Di-n-butylphthalate	11.975	149	146596	5.417	ng	98
75) Fluoranthene	12.627	202	155574	5.771	ng	98
78) Pyrene	12.857	202	174542	5.510	ng	99
80) Butylbenzylphthalate	13.474	149	44252	4.302	ng	99
81) Benzo(a)anthracene	14.045	228	127434	5.125	ng	98
83) Chrysene	14.080	228	130450	5.669	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	56165	4.529	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	88321	4.544	ng	95
88) Benzo(b)fluoranthene	15.098	252	95737	5.255	ng	100
89) Benzo(k)fluoranthene	15.127	252	90226	5.352	ng	99
90) Benzo(a)pyrene	15.474	252	79275	5.018	ng #	96
91) Dibenzo(a,h)anthracene	17.045	278	70452	4.507	ng	97
92) Benzo(g,h,i)perylene	17.474	276	70468	4.508	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

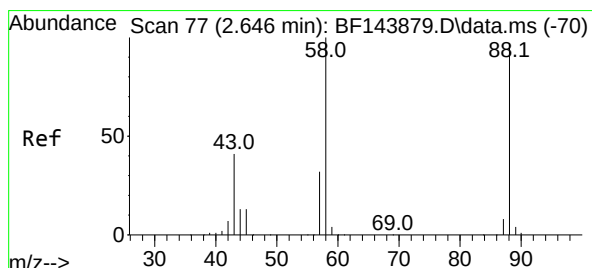
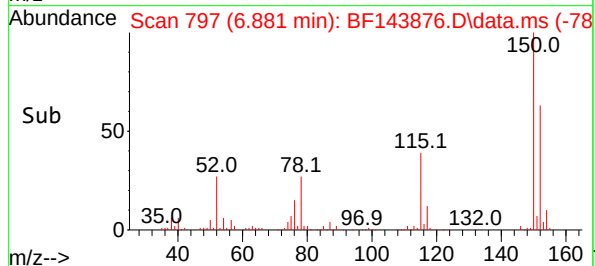
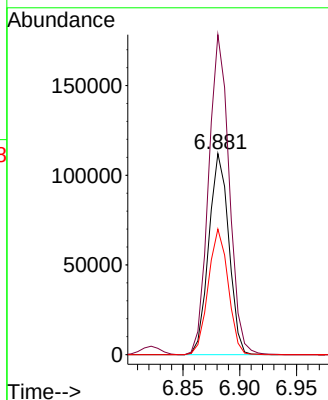
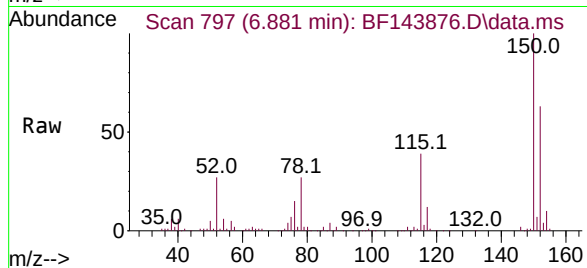
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

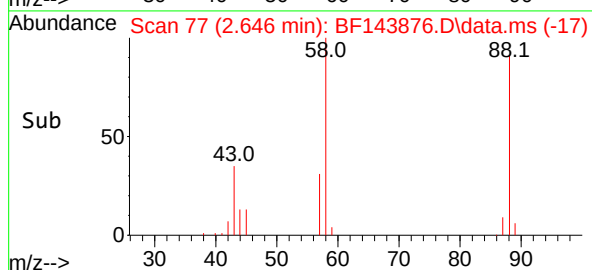
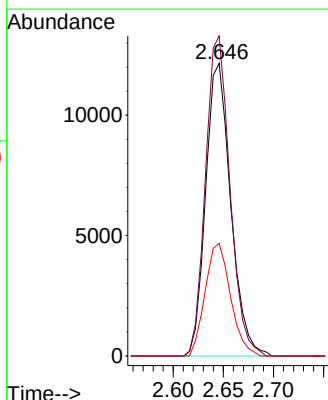
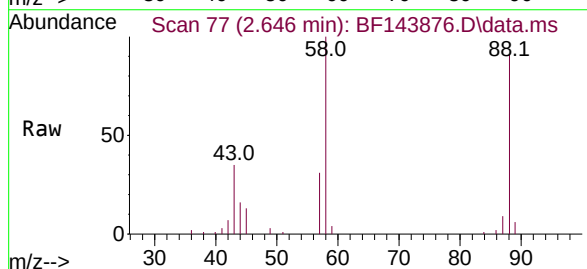
Instrument :
BNA_F
ClientSampleId :
SSTDIC005

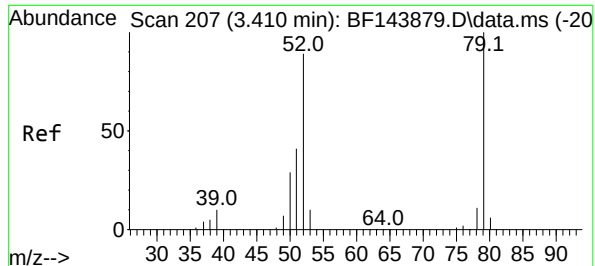
Tgt Ion:152 Resp: 137596
Ion Ratio Lower Upper
152 100
150 159.1 124.4 186.6
115 62.4 48.1 72.1



#2
1,4-Dioxane
Concen: 5.265 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 88 Resp: 21110
Ion Ratio Lower Upper
88 100
58 106.6 83.0 124.6
43 38.9 33.9 50.9





#3

Pyridine

Concen: 4.984 ng

RT: 3.422 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

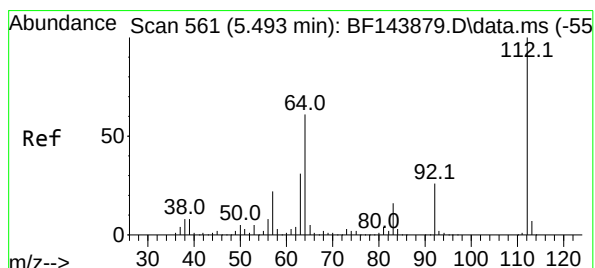
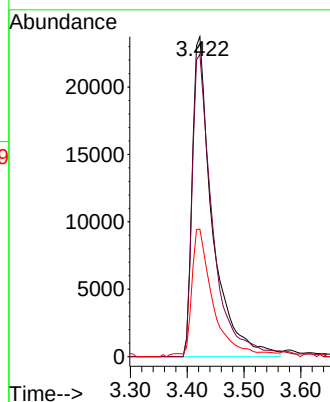
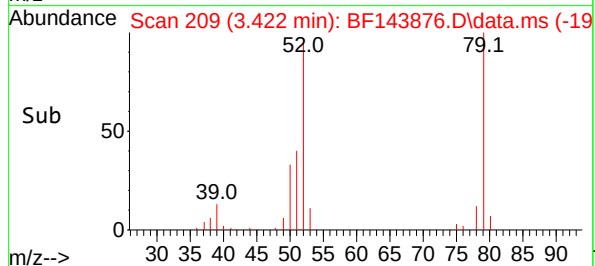
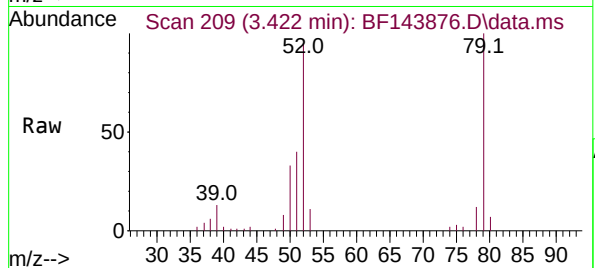
Tgt Ion: 79 Resp: 58179

Ion Ratio Lower Upper

79 100

52 94.5 71.5 107.3

51 39.8 32.9 49.3



#5

2-Fluorophenol

Concen: 10.942 ng

RT: 5.487 min Scan# 560

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

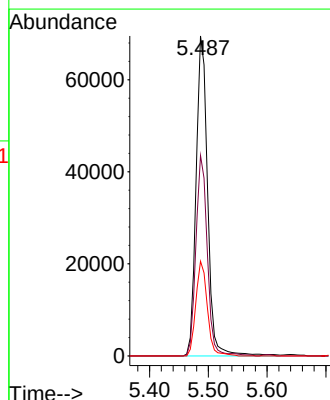
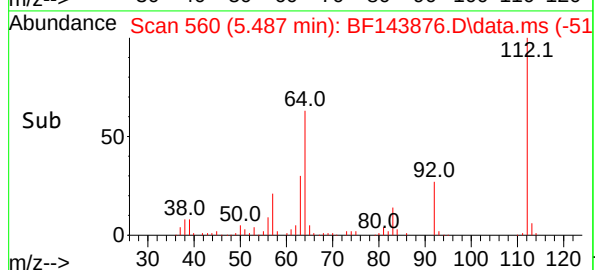
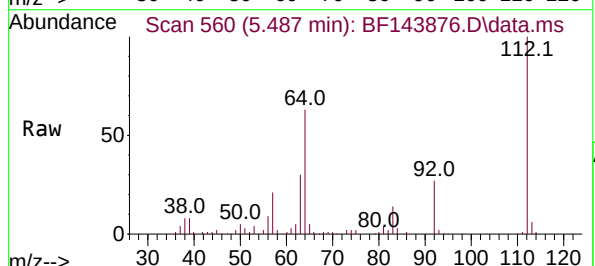
Tgt Ion:112 Resp: 94810

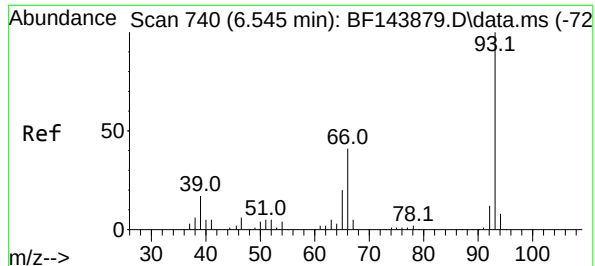
Ion Ratio Lower Upper

112 100

64 62.6 49.1 73.7

63 29.6 24.5 36.7

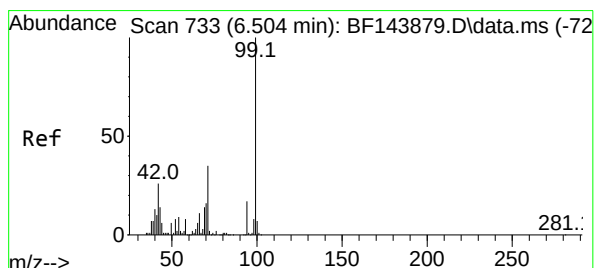
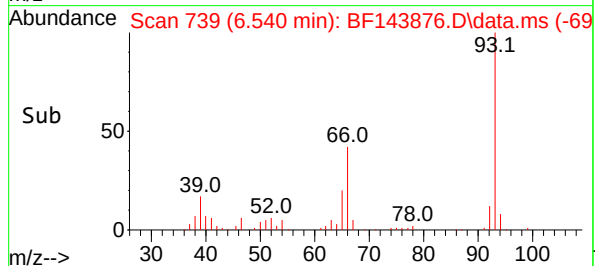
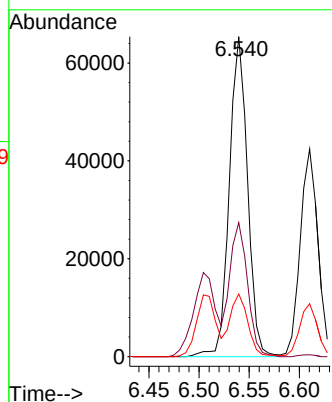
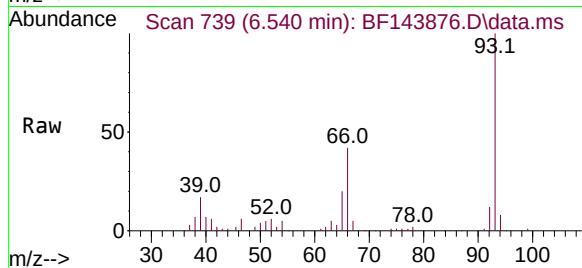




#6
Aniline
Concen: 5.335 ng
RT: 6.540 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

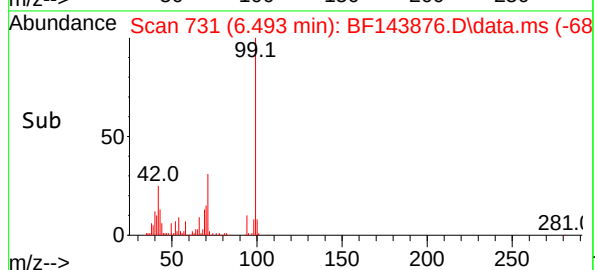
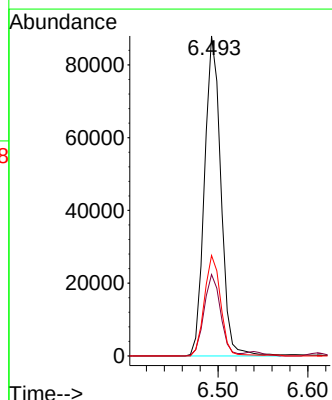
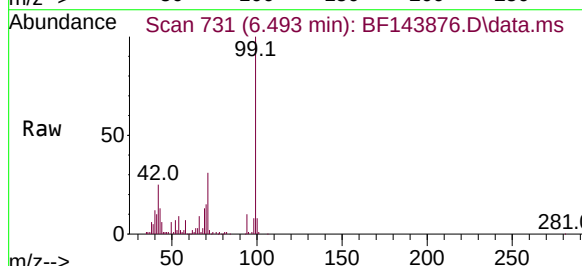
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

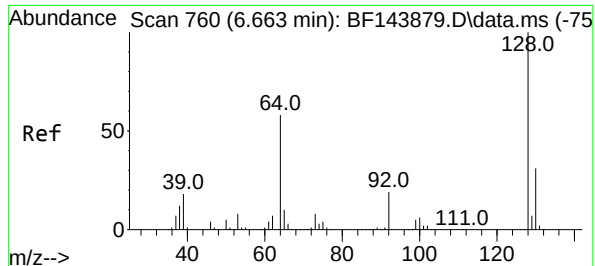
Tgt Ion	93	Resp	82563
Ion Ratio	Lower	Upper	
93	100		
66	41.9	33.0 49.6	
65	19.6	15.8 23.8	



#7
Phenol-d6
Concen: 10.832 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion	99	Resp	111877
Ion Ratio	Lower	Upper	
99	100		
42	25.4	21.0 31.4	
71	31.4	27.8 41.8	

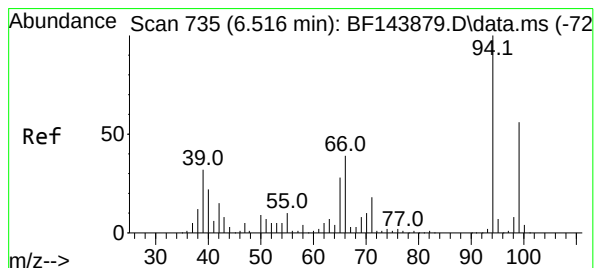
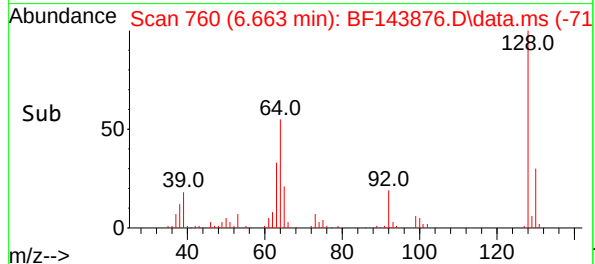
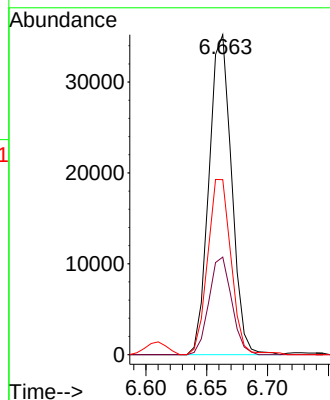
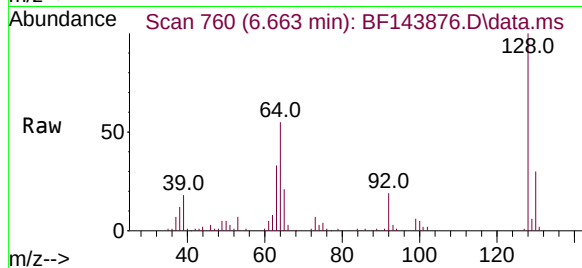




#8
2-Chlorophenol
Concen: 5.376 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

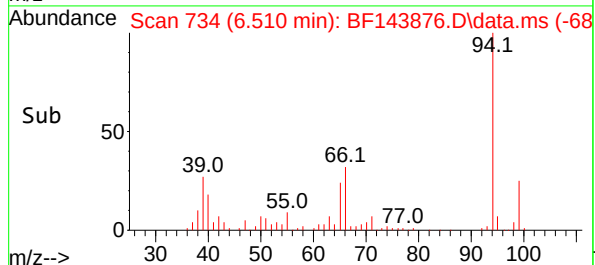
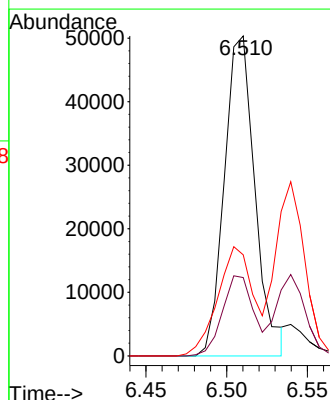
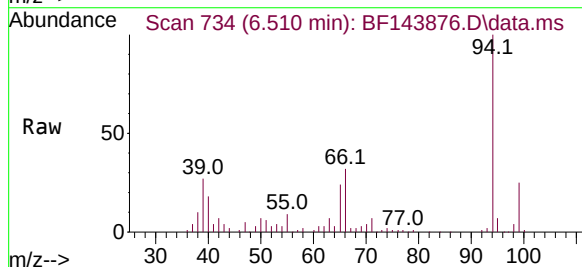
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

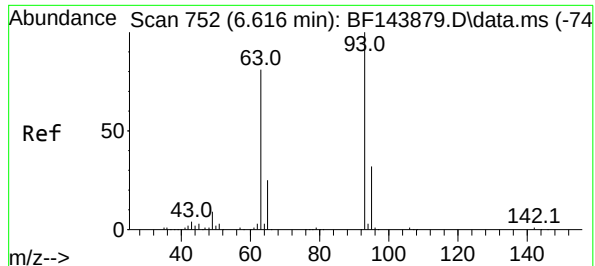
Tgt Ion:128 Resp: 45534
Ion Ratio Lower Upper
128 100
130 30.5 10.7 50.7
64 54.7 39.0 79.0



#10
Phenol
Concen: 5.388 ng m
RT: 6.510 min Scan# 734
Delta R.T. -0.023 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 94 Resp: 66523
Ion Ratio Lower Upper
94 100
65 24.5 8.5 48.5
66 31.6 19.9 59.9

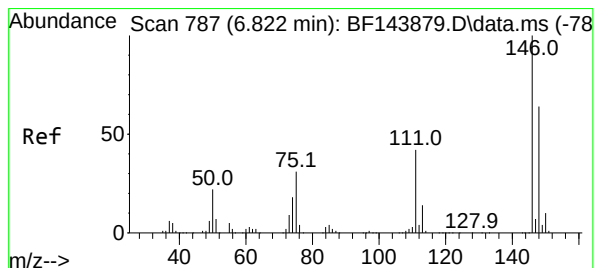
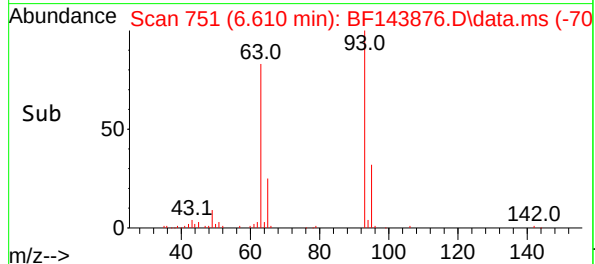
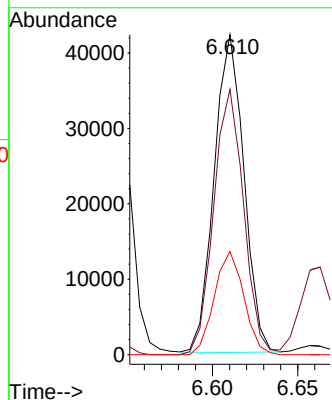
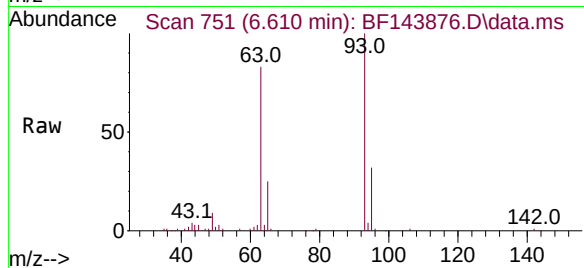




#11
bis(2-Chloroethyl)ether
Concen: 5.364 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

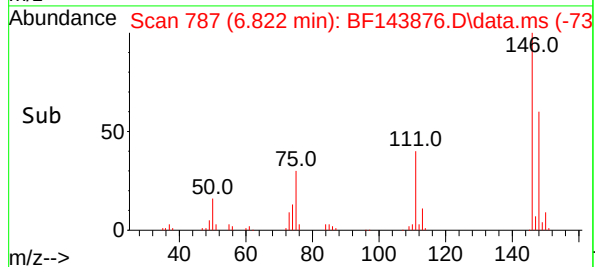
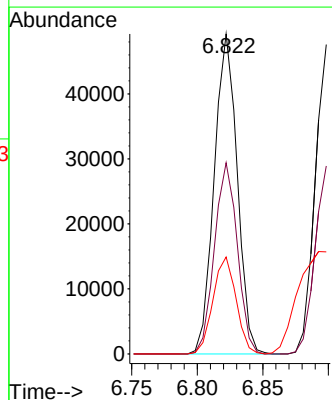
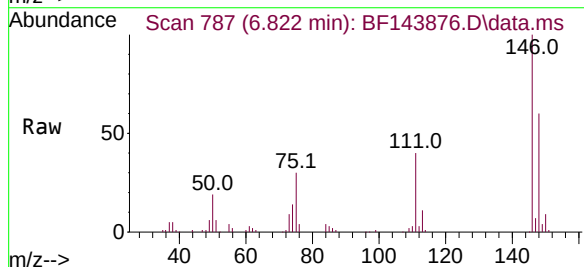
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

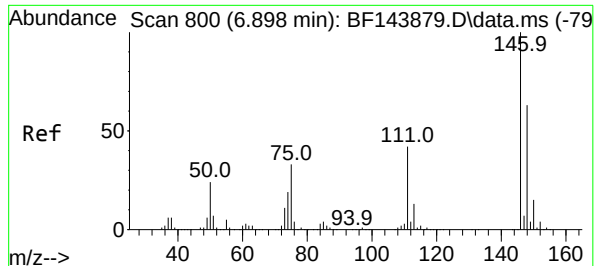
Tgt Ion: 93 Resp: 51163
Ion Ratio Lower Upper
93 100
63 82.9 60.9 100.9
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 5.911 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 146 Resp: 59929
Ion Ratio Lower Upper
146 100
148 59.7 51.0 76.4
75 30.3 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 5.686 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

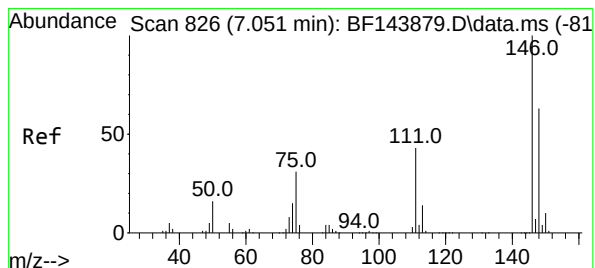
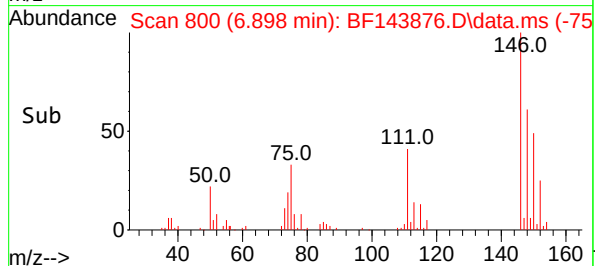
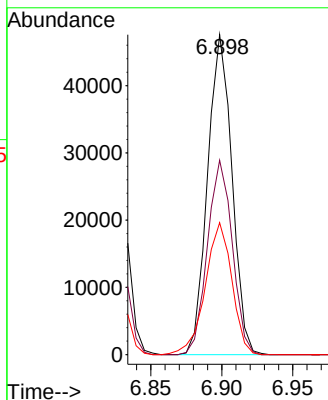
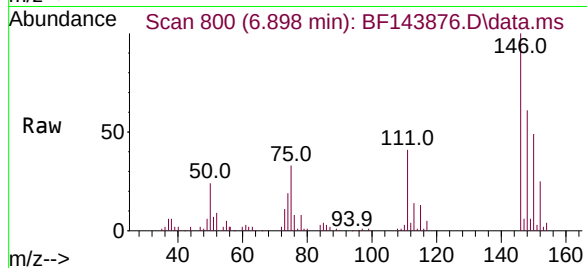
Tgt Ion:146 Resp: 56869

Ion Ratio Lower Upper

146 100

148 60.7 50.5 75.7

111 41.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 5.676 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

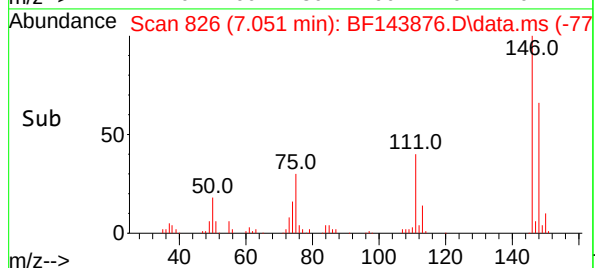
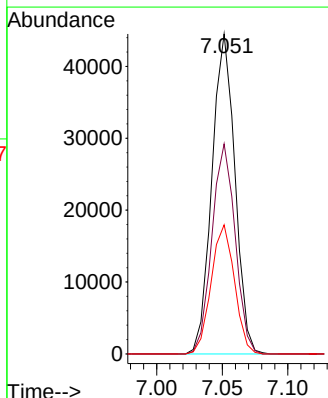
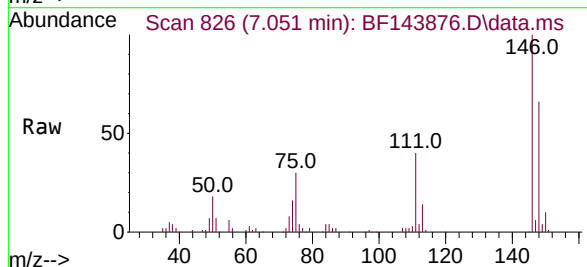
Tgt Ion:146 Resp: 54371

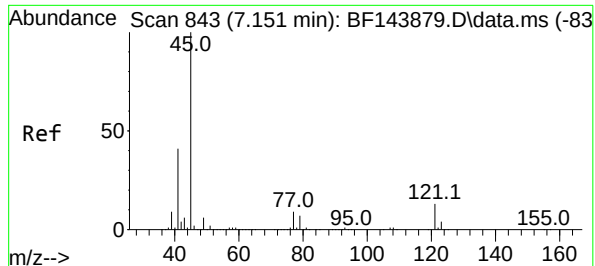
Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

111 40.3 34.6 51.8

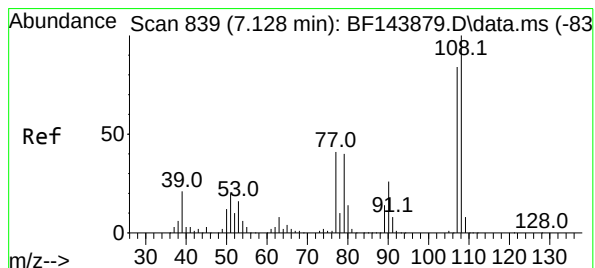
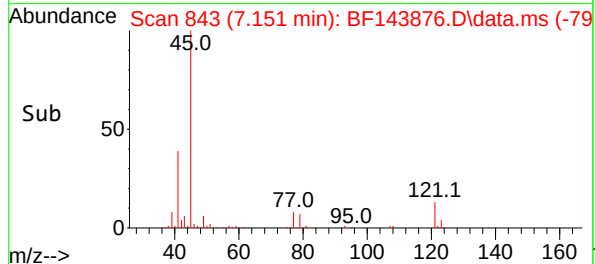
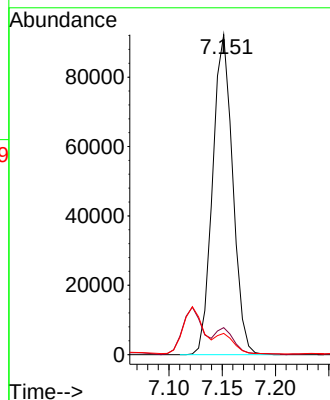
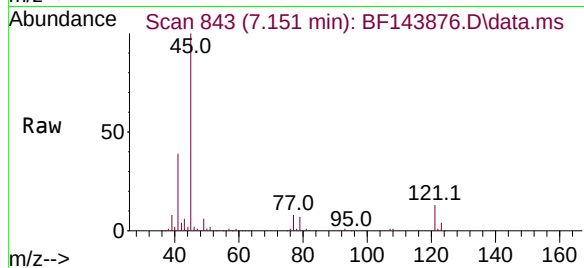




#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.577 ng
RT: 7.151 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

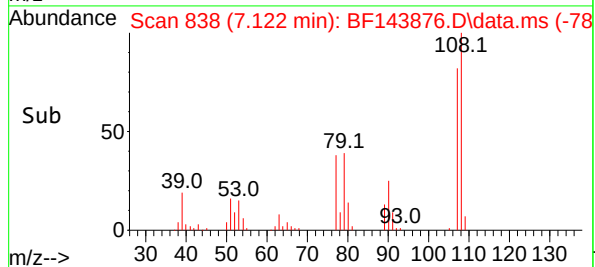
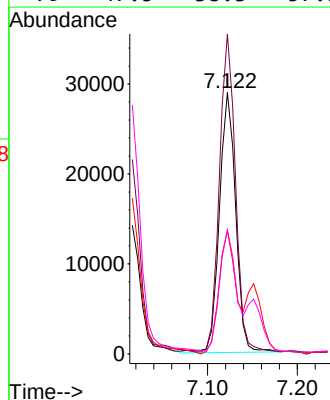
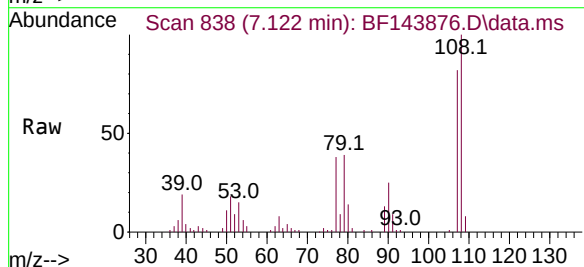
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

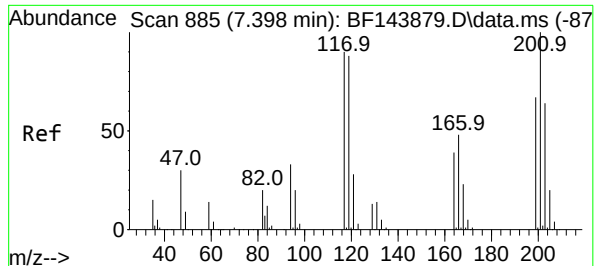
Tgt Ion: 45 Resp: 121082
Ion Ratio Lower Upper
45 100
77 8.4 0.0 29.0
79 6.6 0.0 26.8



#17
2-Methylphenol
Concen: 5.228 ng
RT: 7.122 min Scan# 838
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

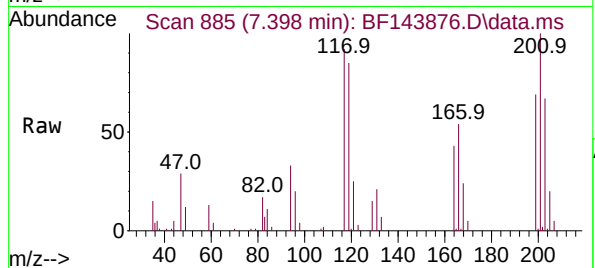
Tgt Ion: 107 Resp: 36595
Ion Ratio Lower Upper
107 100
108 122.4 94.7 142.1
77 47.0 38.8 58.2
79 47.5 38.3 57.5



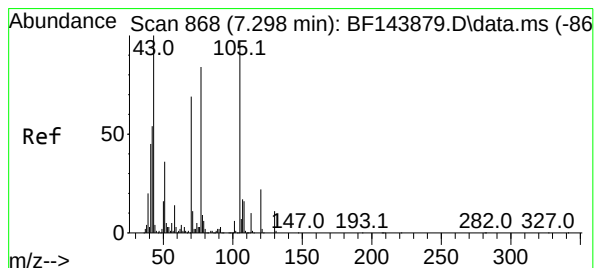
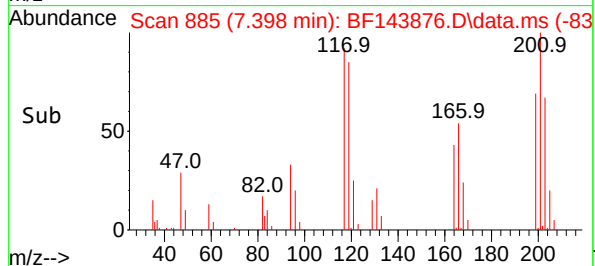
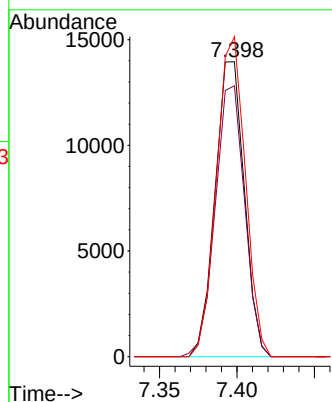


#18
Hexachloroethane
Concen: 5.501 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

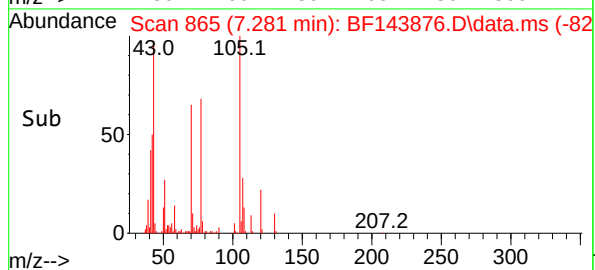
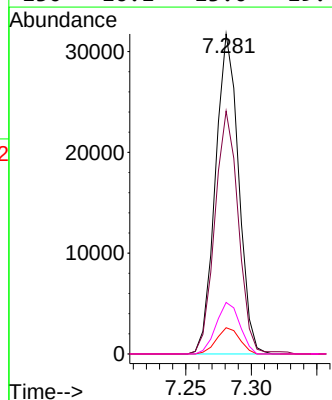
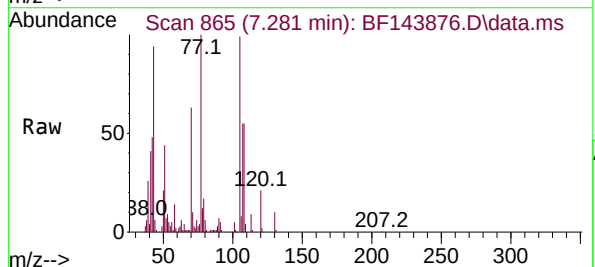


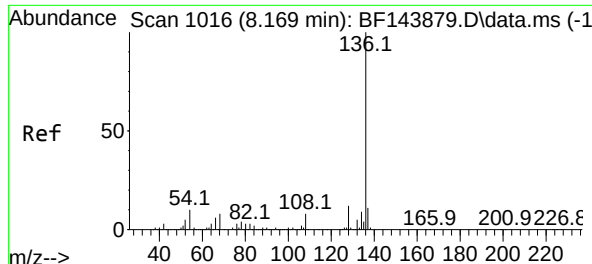
Tgt Ion:117 Resp: 18346
Ion Ratio Lower Upper
117 100
119 91.8 77.8 116.8
201 108.5 88.5 132.7



#19
n-Nitroso-di-n-propylamine
Concen: 5.524 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 70 Resp: 39050
Ion Ratio Lower Upper
70 100
42 75.9 62.8 94.2
101 8.2 6.7 10.1
130 16.1 13.0 19.4



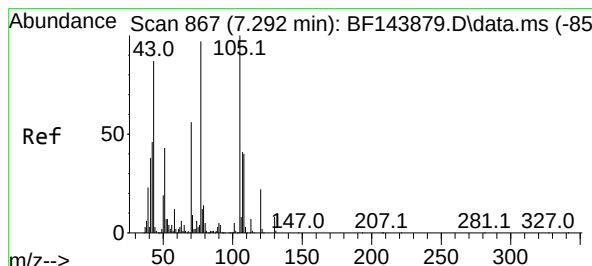
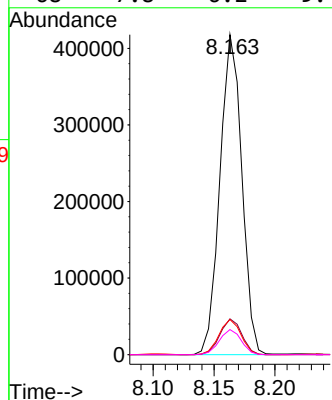
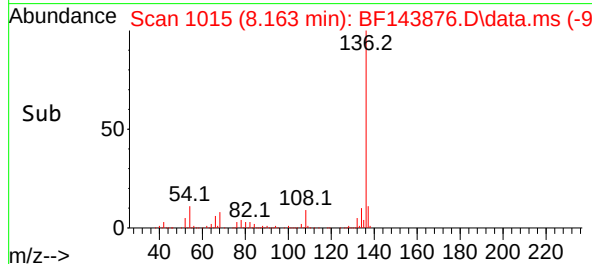
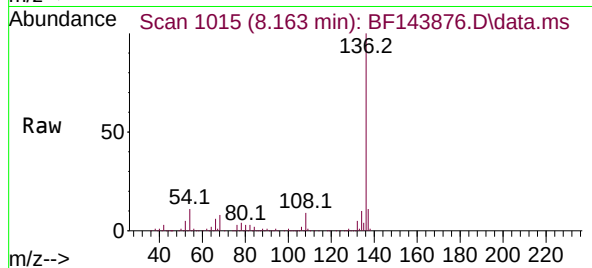


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:136 Resp: 524114

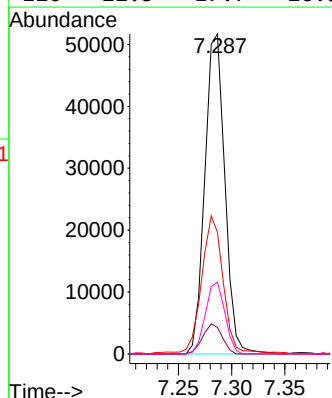
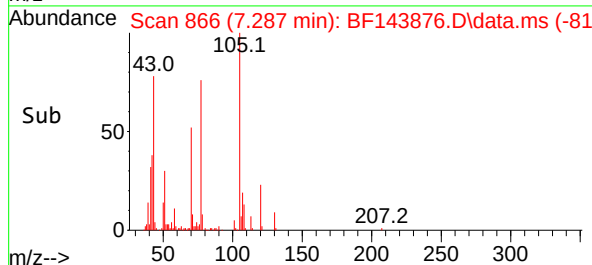
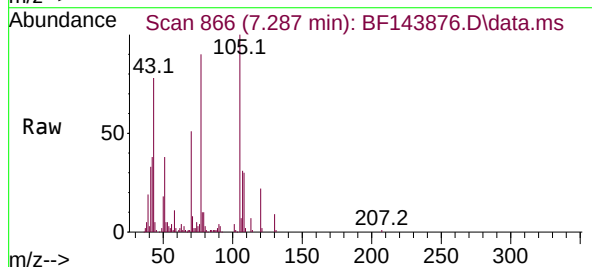
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.0	8.2	12.4
68	7.8	6.2	9.4

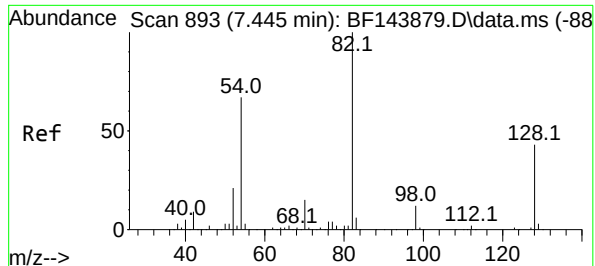


#22
Acetophenone
Concen: 6.092 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:105 Resp: 67515

Ion	Ratio	Lower	Upper
105	100		
71	8.3	7.4	11.0
51	38.0	34.2	51.4
120	22.5	17.7	26.5





#23

Nitrobenzene-d5

Concen: 9.862 ng

RT: 7.440 min Scan# 891

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

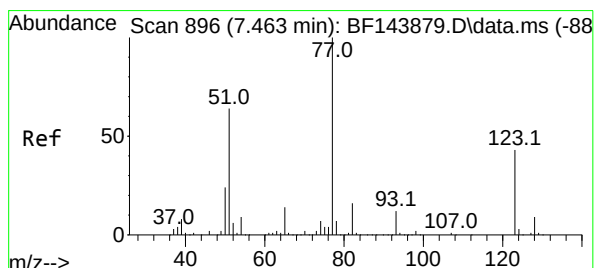
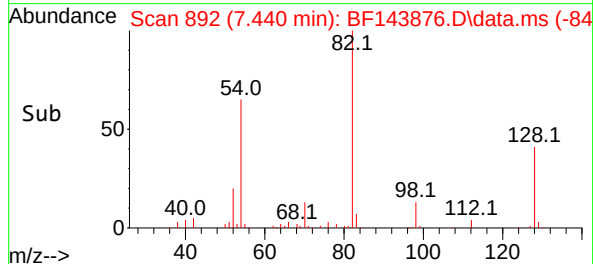
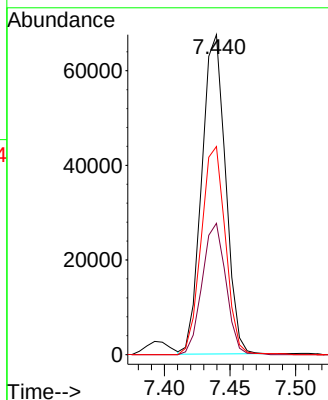
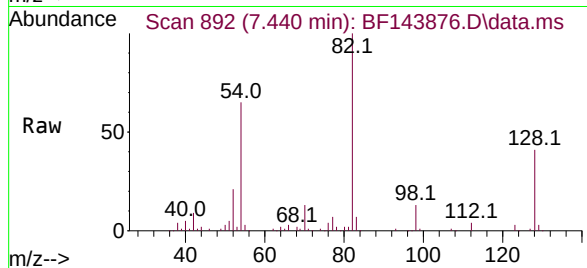
Tgt Ion: 82 Resp: 85080

Ion Ratio Lower Upper

82 100

128 41.0 34.0 51.0

54 65.0 53.2 79.8



#24

Nitrobenzene

Concen: 5.054 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

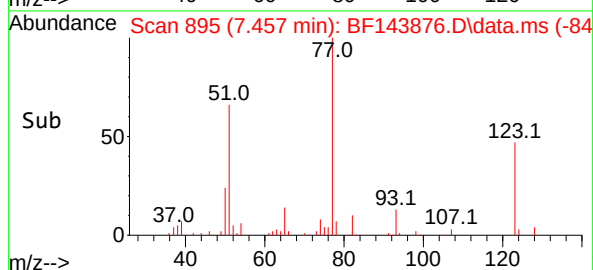
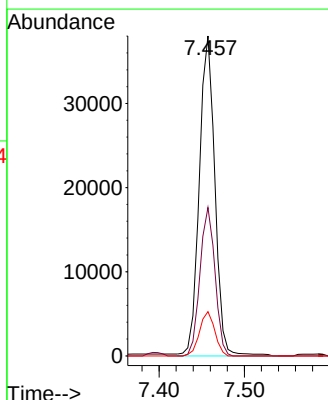
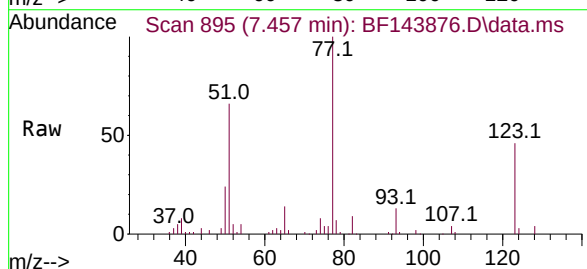
Tgt Ion: 77 Resp: 48413

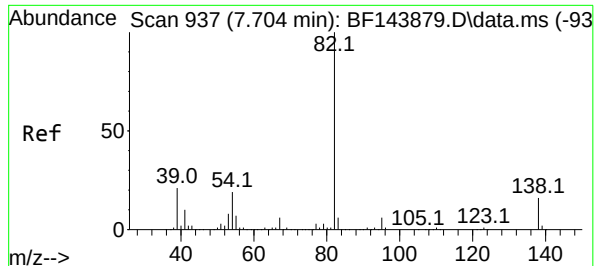
Ion Ratio Lower Upper

77 100

123 46.4 34.2 51.4

65 13.8 11.0 16.6





#25

Isophorone

Concen: 5.429 ng

RT: 7.692 min Scan# 937

Delta R.T. -0.029 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

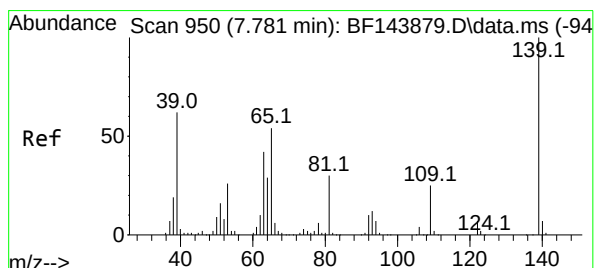
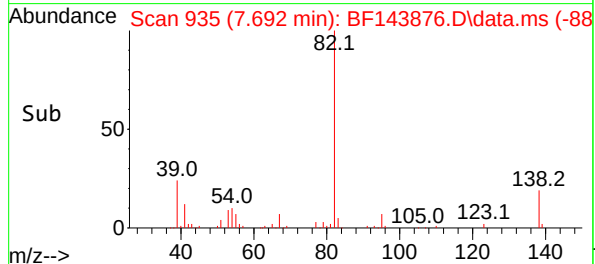
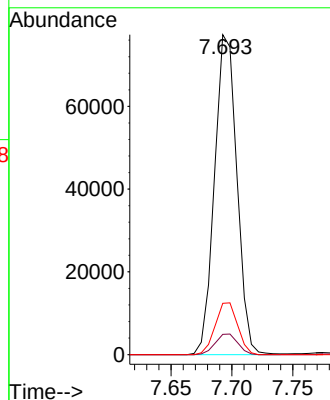
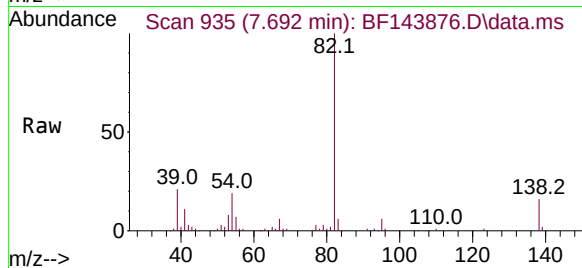
Tgt Ion: 82 Resp: 98761

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

138 16.0 12.9 19.3



#26

2-Nitrophenol

Concen: 3.864 ng

RT: 7.775 min Scan# 949

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

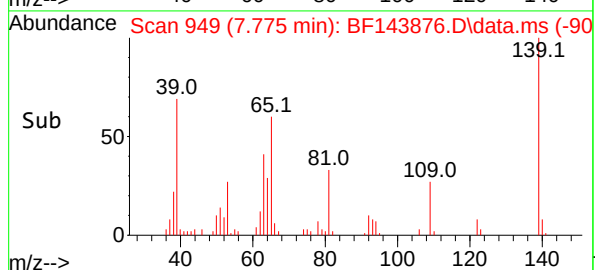
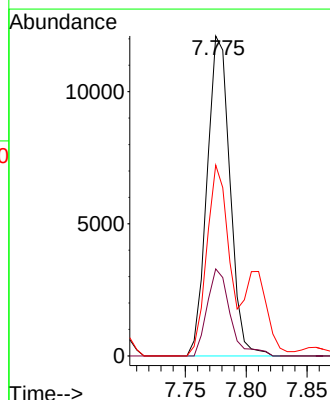
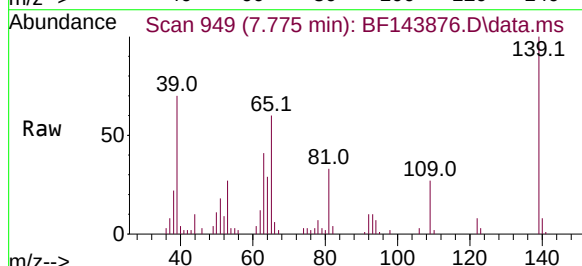
Tgt Ion: 139 Resp: 15870

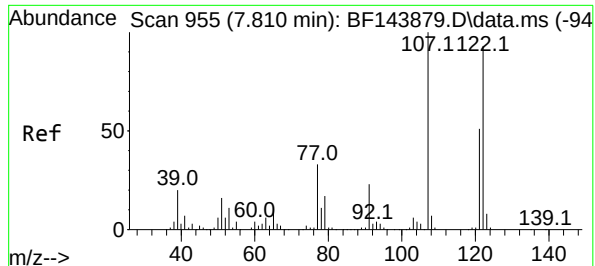
Ion Ratio Lower Upper

139 100

109 27.2 19.8 29.6

65 59.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 5.095 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

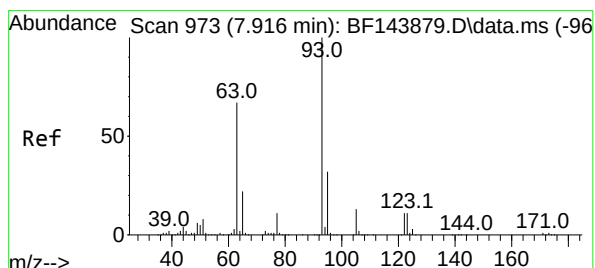
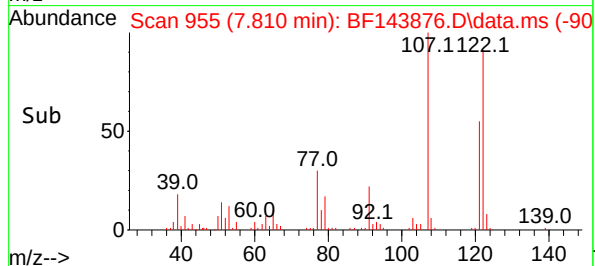
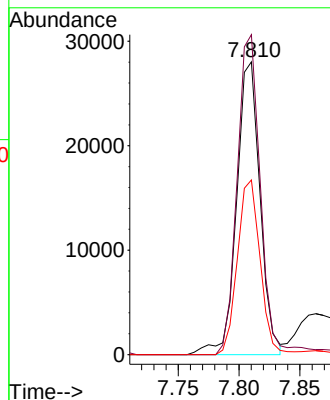
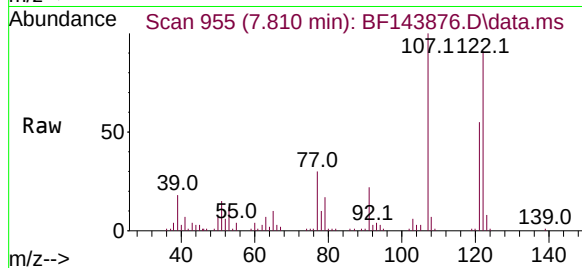
Tgt Ion:122 Resp: 37645

Ion Ratio Lower Upper

122 100

107 109.3 86.1 129.1

121 59.6 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 5.812 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

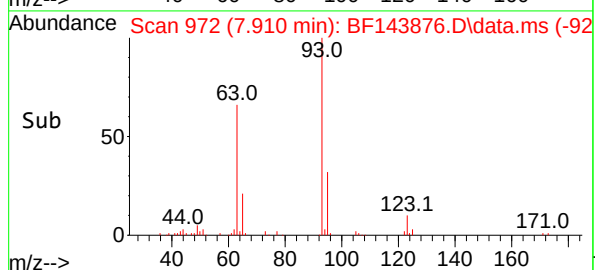
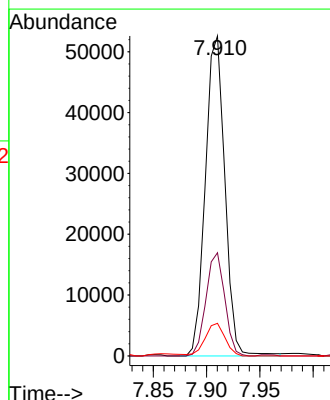
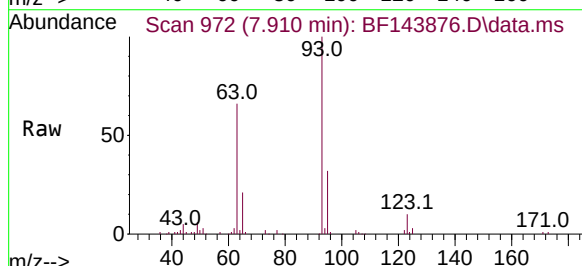
Tgt Ion: 93 Resp: 66779

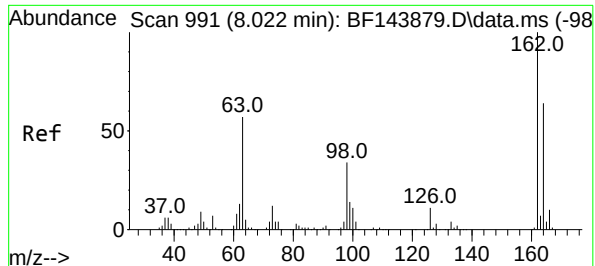
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 10.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 5.390 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

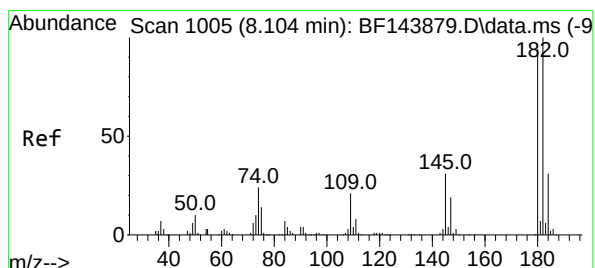
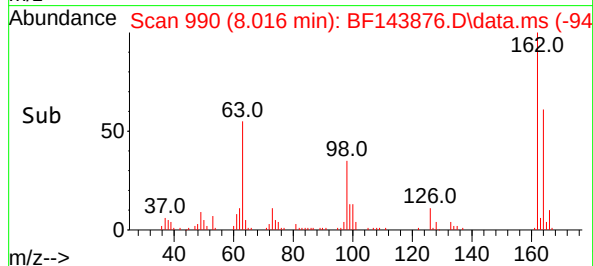
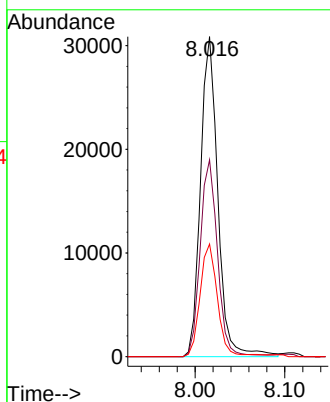
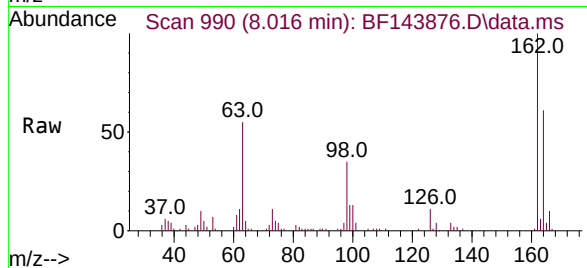
Tgt Ion:162 Resp: 41484

Ion Ratio Lower Upper

162 100

164 61.5 43.9 83.9

98 35.2 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 5.722 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

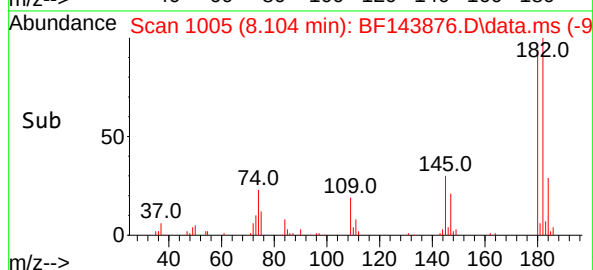
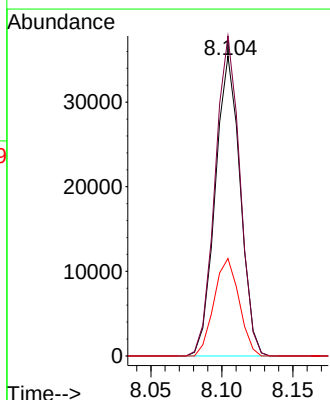
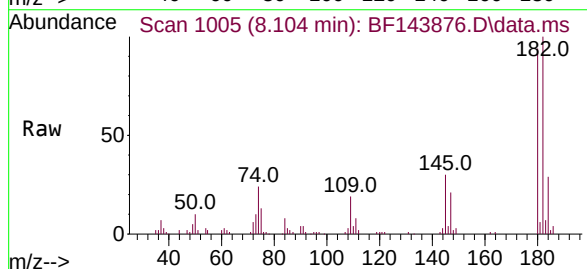
Tgt Ion:180 Resp: 43309

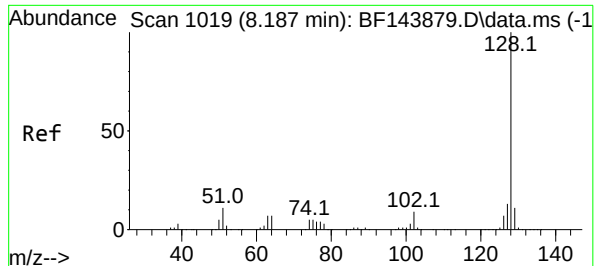
Ion Ratio Lower Upper

180 100

182 106.7 85.4 128.0

145 32.5 26.3 39.5





#31

Naphthalene

Concen: 6.063 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

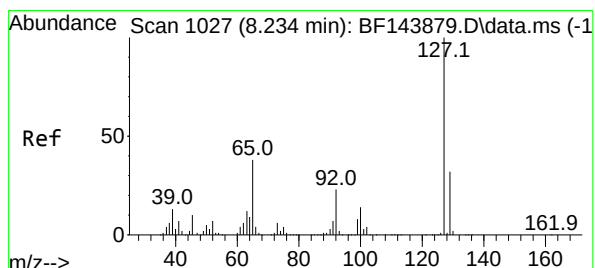
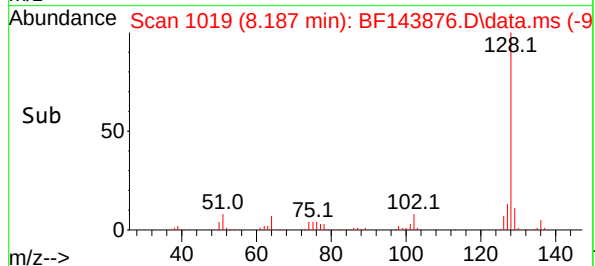
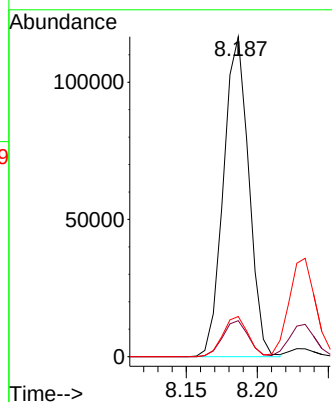
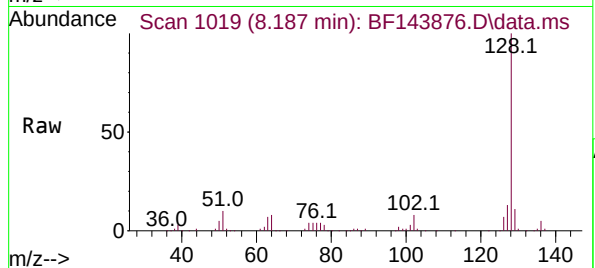
Tgt Ion:128 Resp: 144561

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 12.5 10.0 15.0



#33

4-Chloroaniline

Concen: 5.388 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:127 Resp: 48181

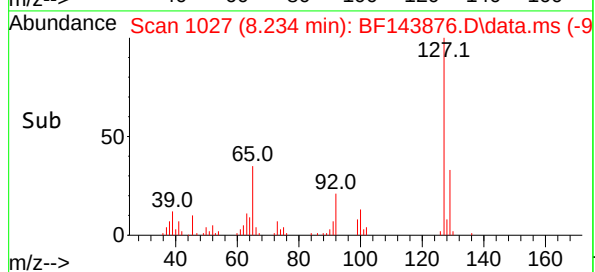
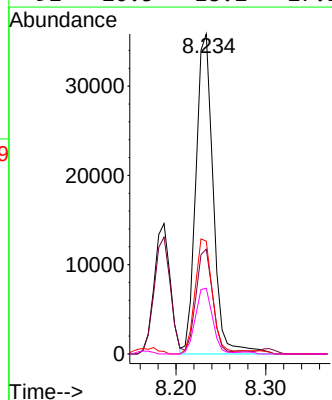
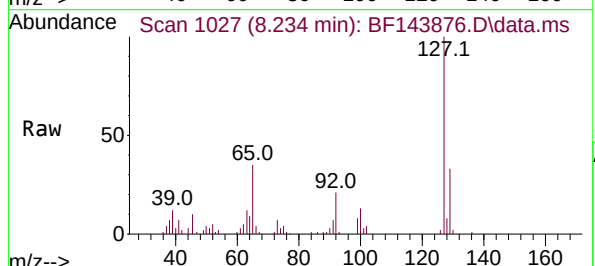
Ion Ratio Lower Upper

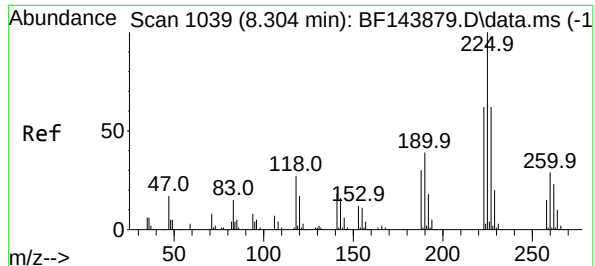
127 100

129 32.7 25.8 38.8

65 35.2 30.0 45.0

92 20.5 18.2 27.2





#34

Hexachlorobutadiene

Concen: 5.751 ng

RT: 8.304 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

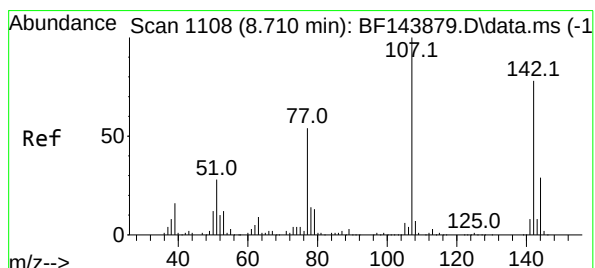
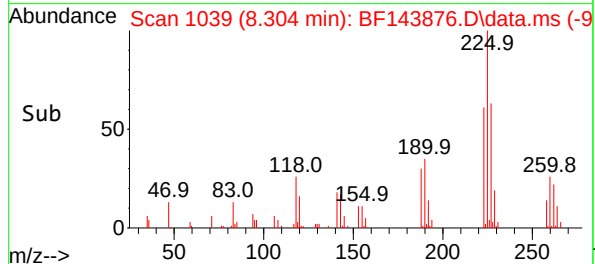
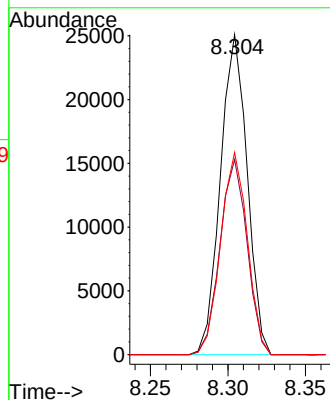
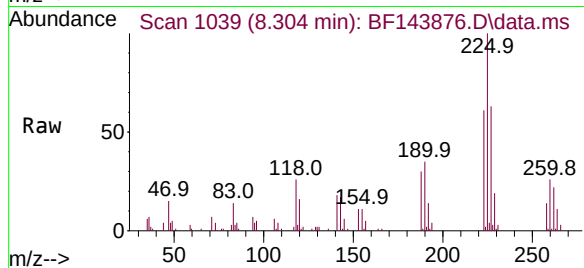
Tgt Ion:225 Resp: 30246

Ion Ratio Lower Upper

225 100

223 61.0 49.4 74.2

227 63.2 49.7 74.5



#36

4-Chloro-3-methylphenol

Concen: 5.343 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

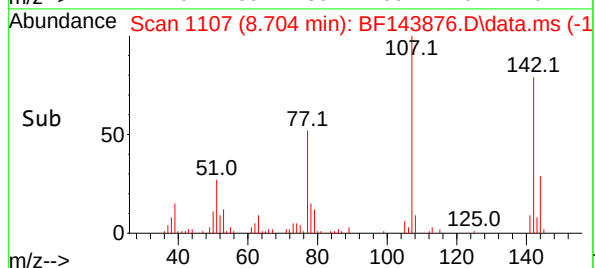
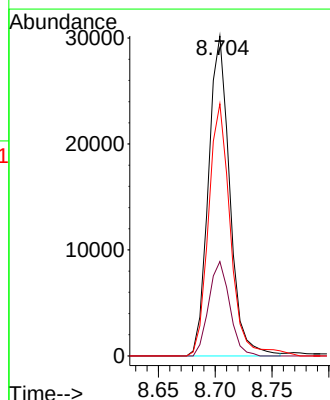
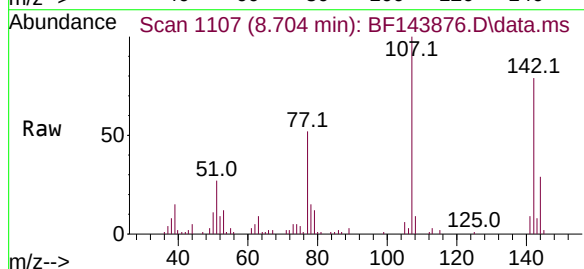
Tgt Ion:107 Resp: 39500

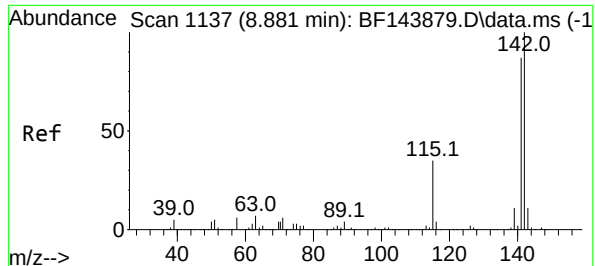
Ion Ratio Lower Upper

107 100

144 29.5 23.1 34.7

142 78.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 6.122 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

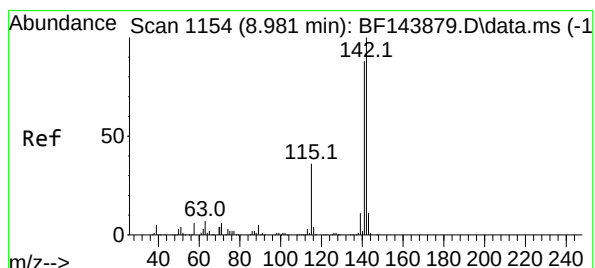
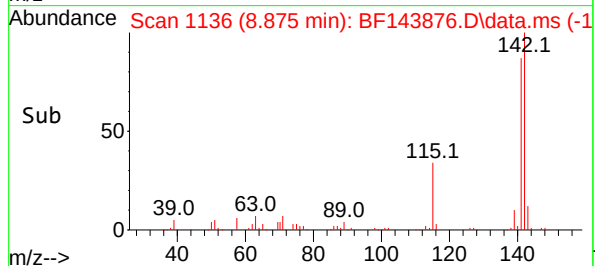
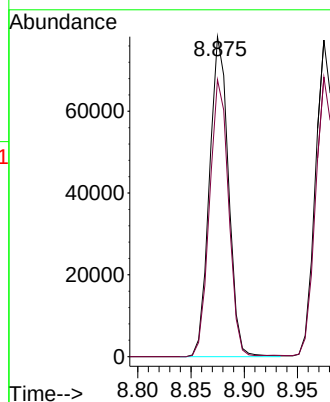
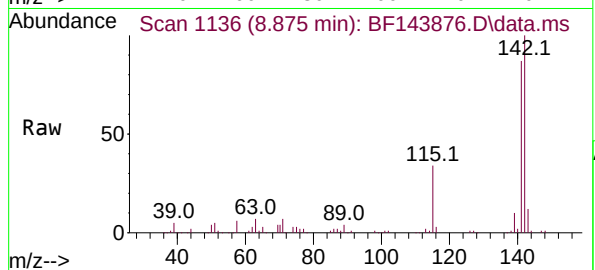
SSTDICC005

Tgt Ion:142 Resp: 97227

Ion Ratio Lower Upper

142 100

141 86.5 69.2 103.8



#38

1-Methylnaphthalene

Concen: 6.114 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143876.D

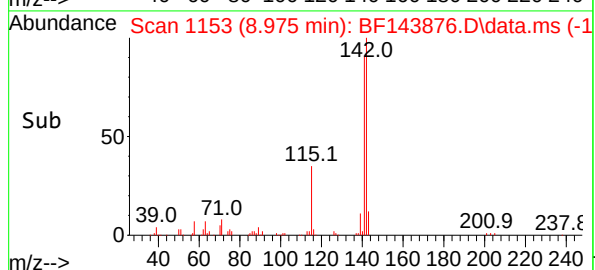
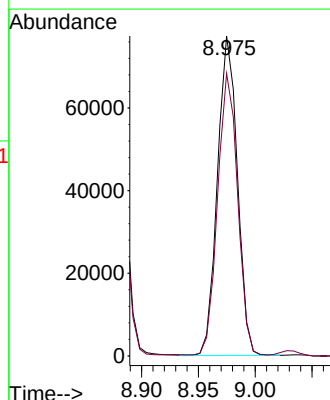
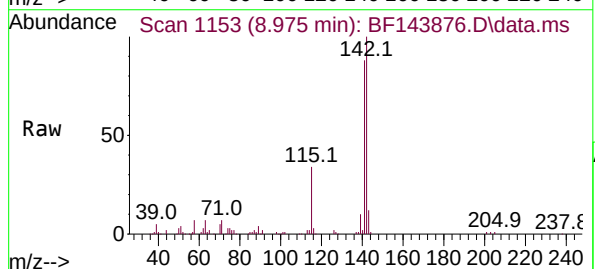
Acq: 06 Oct 2025 10:28

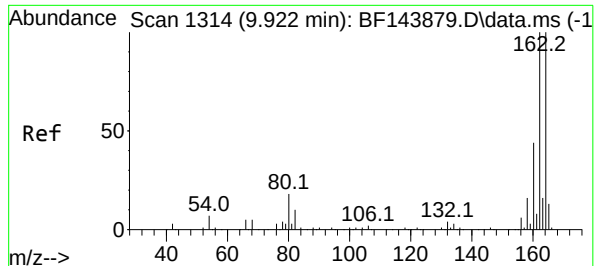
Tgt Ion:142 Resp: 94190

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

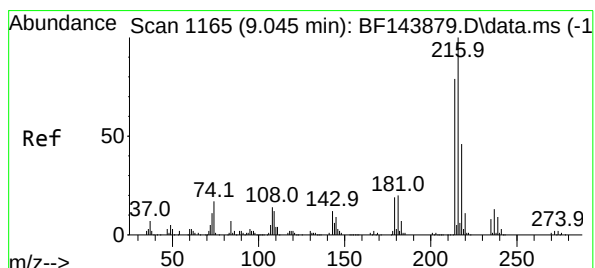
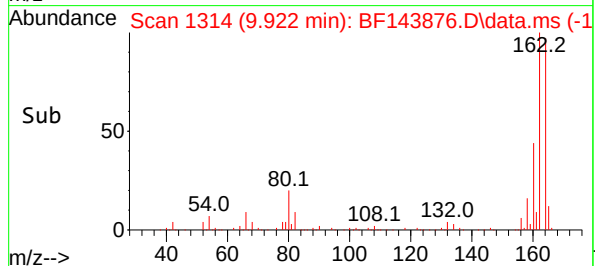
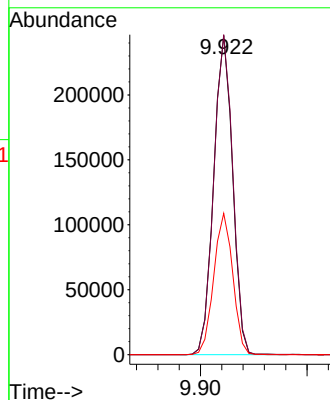
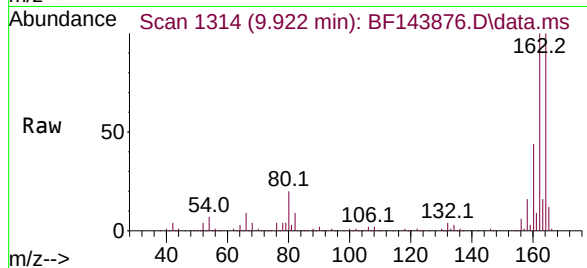
Tgt Ion:164 Resp: 303230

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

160 44.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.519 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:216 Resp: 46252

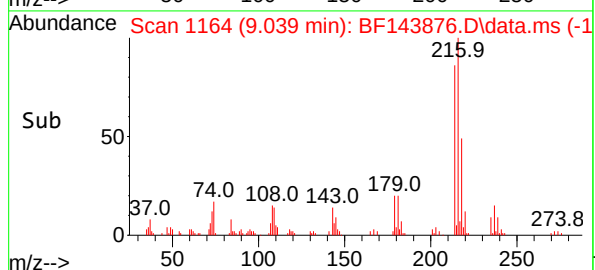
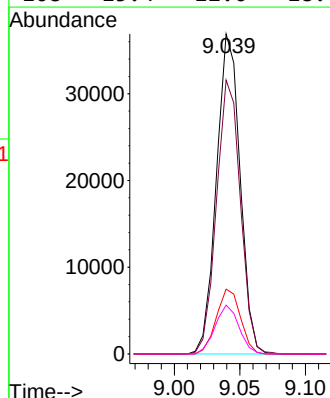
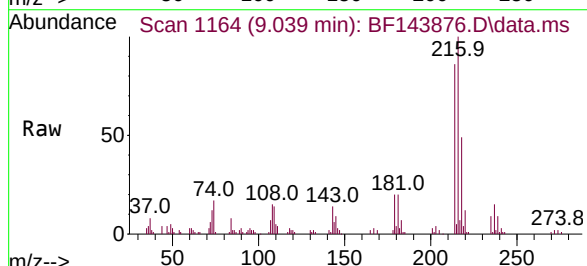
Ion Ratio Lower Upper

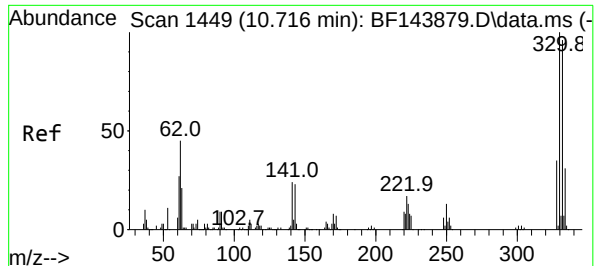
216 100

214 86.6 62.6 94.0

179 20.7 15.4 23.0

108 15.4 12.0 18.0





#42

2,4,6-Tribromophenol

Concen: 9.721 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

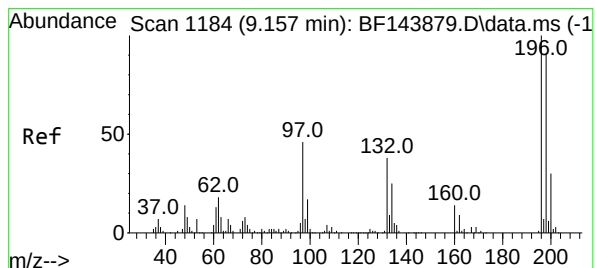
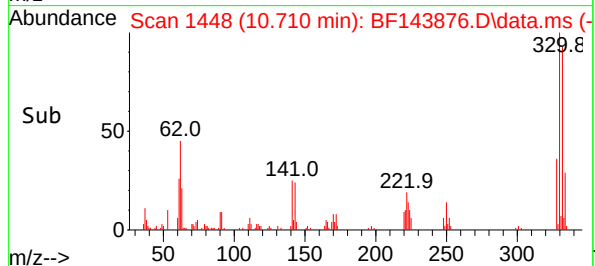
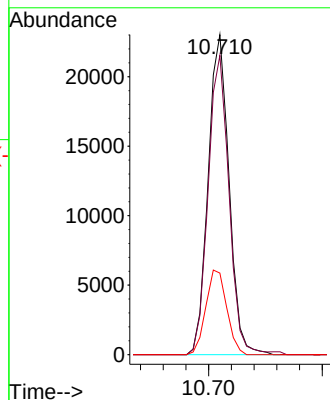
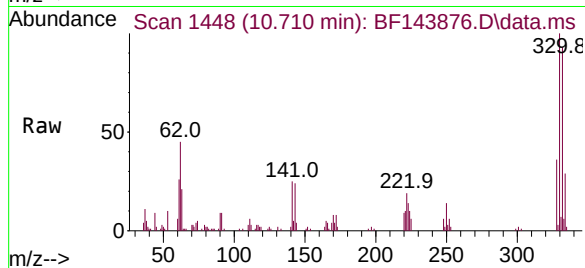
Tgt Ion:330 Resp: 29360

Ion Ratio Lower Upper

330 100

332 93.9 76.9 115.3

141 26.6 20.2 30.4



#43

2,4,6-Trichlorophenol

Concen: 5.047 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

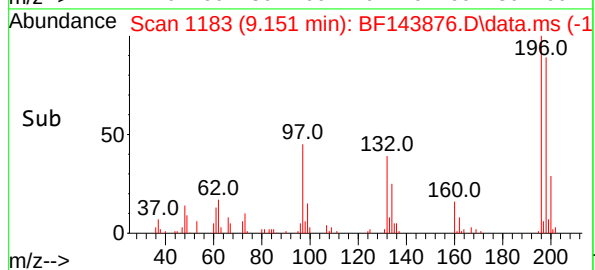
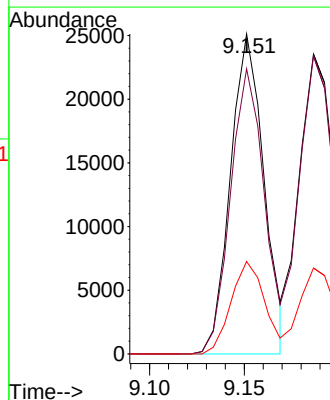
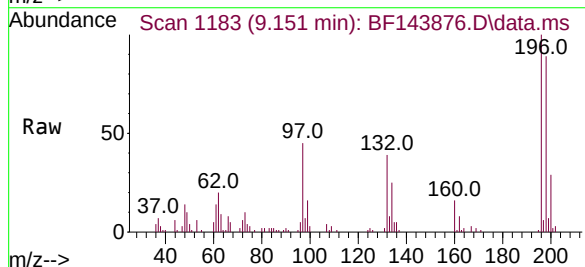
Tgt Ion:196 Resp: 30908

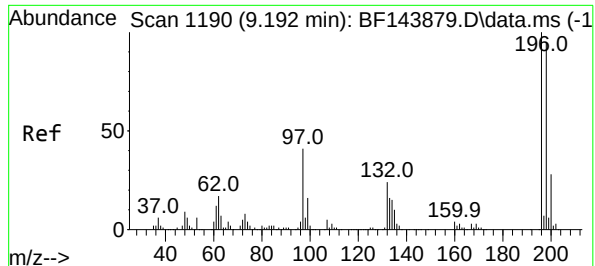
Ion Ratio Lower Upper

196 100

198 89.1 72.8 109.2

200 28.9 24.0 36.0





#44

2,4,5-Trichlorophenol

Concen: 5.194 ng

RT: 9.187 min Scan# 1189

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 33613

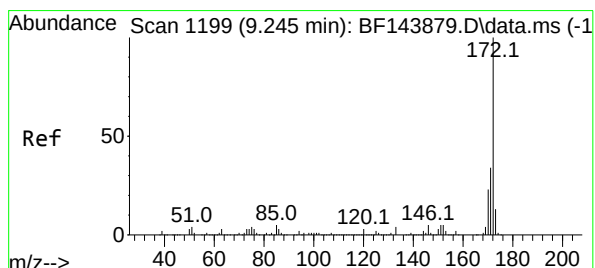
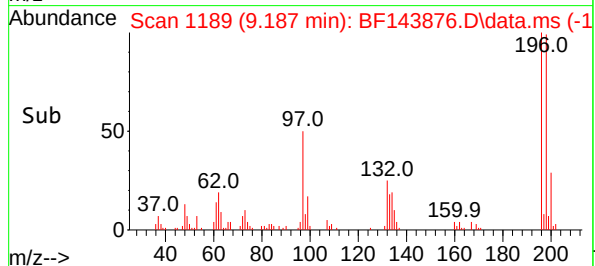
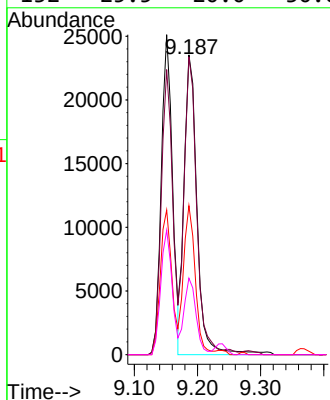
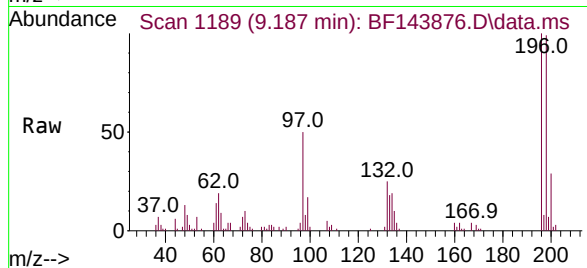
Ion Ratio Lower Upper

196 100

198 99.4 75.5 113.3

97 49.7 33.9 50.9

132 25.5 20.0 30.0



#45

2-Fluorobiphenyl

Concen: 12.438 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

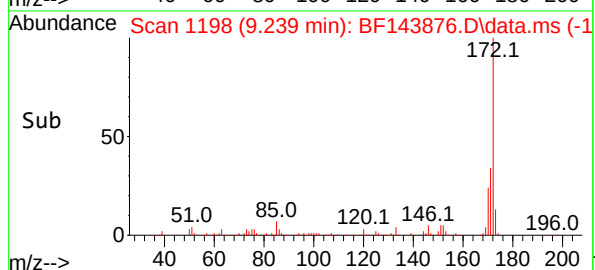
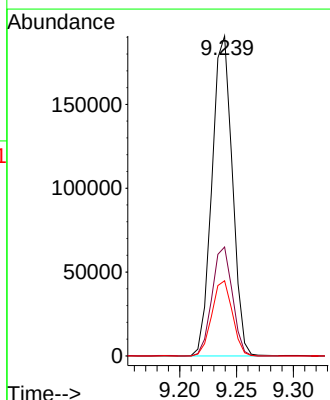
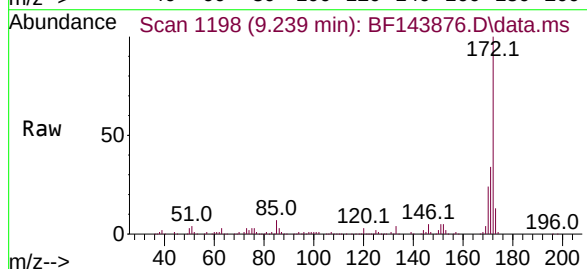
Tgt Ion:172 Resp: 237689

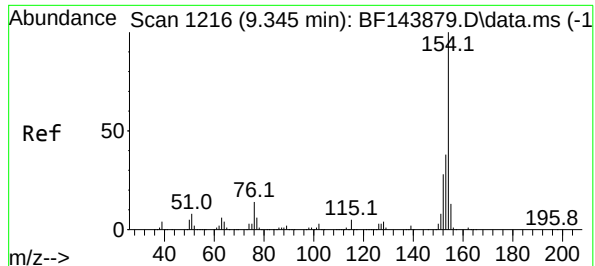
Ion Ratio Lower Upper

172 100

171 34.0 27.4 41.0

170 23.5 18.6 28.0

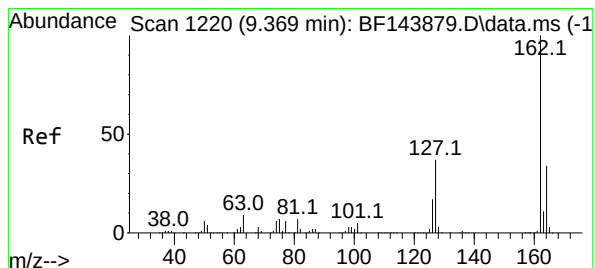
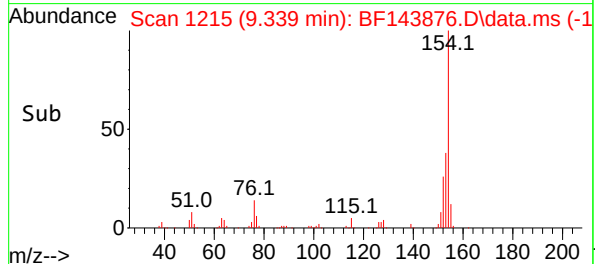
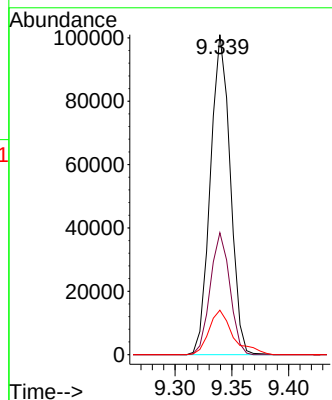
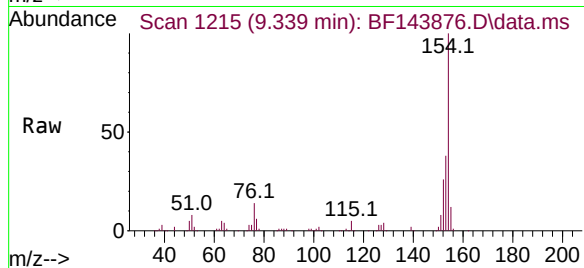




#46
1,1'-Biphenyl
Concen: 6.105 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

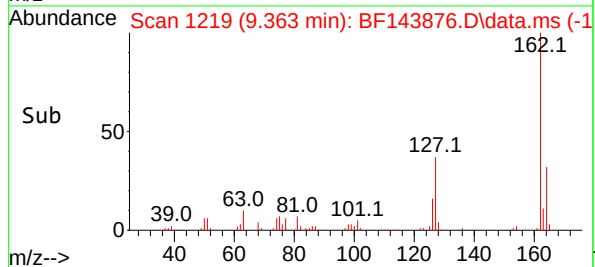
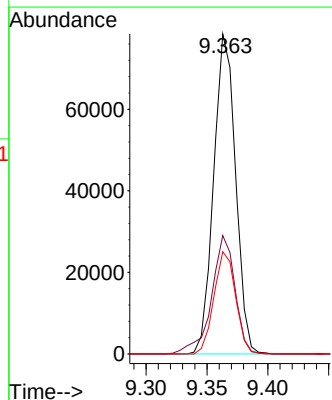
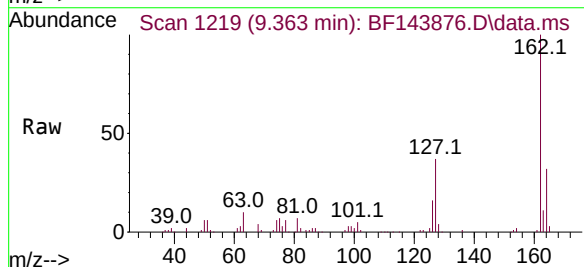
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

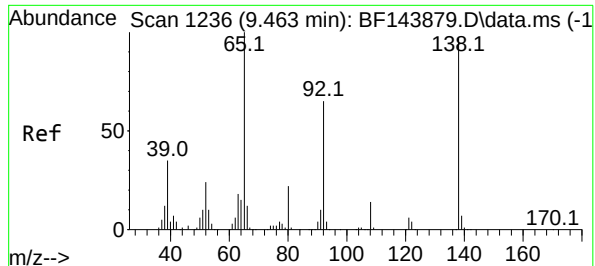
Tgt Ion:154 Resp: 122568
Ion Ratio Lower Upper
154 100
153 38.1 18.4 58.4
76 13.9 0.0 34.0



#47
2-Chloronaphthalene
Concen: 5.861 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:162 Resp: 98102
Ion Ratio Lower Upper
162 100
127 37.0 30.2 45.2
164 32.0 26.9 40.3

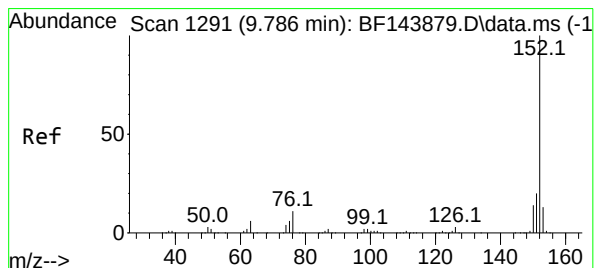
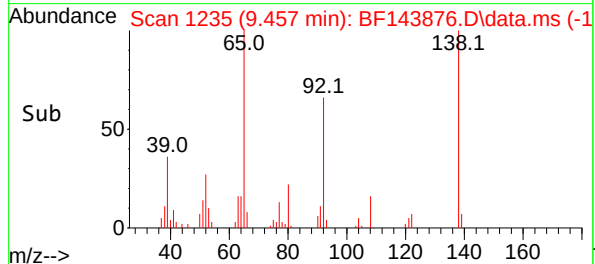
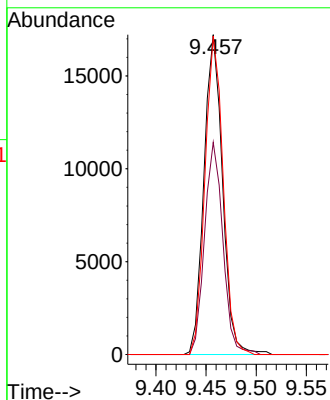
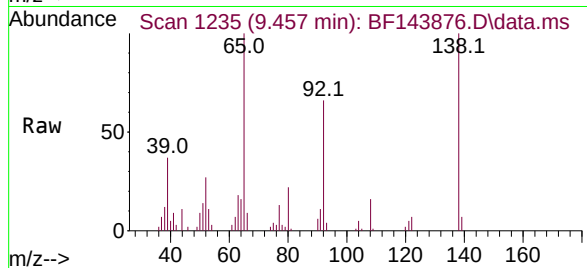




#48
2-Nitroaniline
Concen: 4.193 ng
RT: 9.457 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

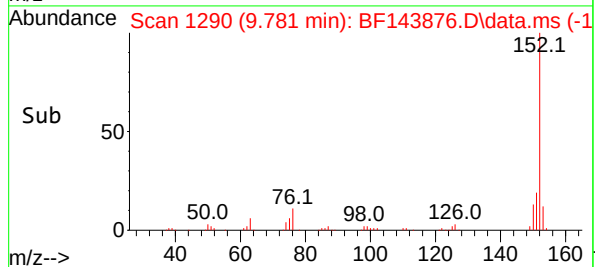
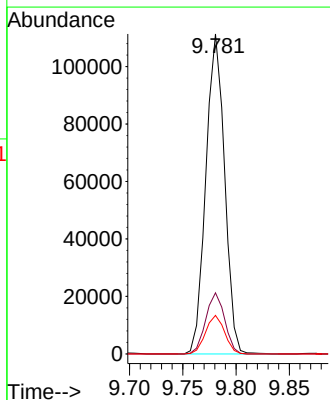
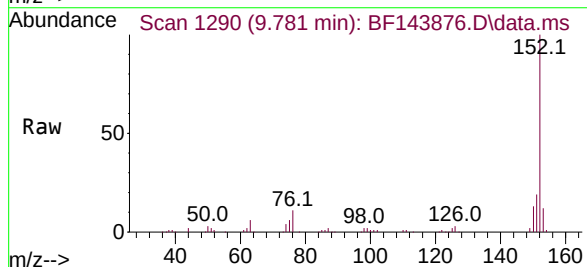
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

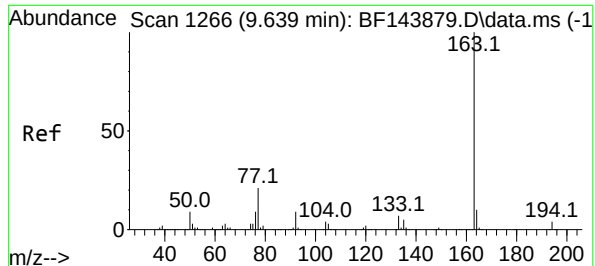
Tgt Ion: 65 Resp: 22188
Ion Ratio Lower Upper
65 100
92 66.3 52.1 78.1
138 99.6 77.4 116.2



#49
Acenaphthylene
Concen: 5.788 ng
RT: 9.781 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion: 152 Resp: 136204
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 12.0 10.5 15.7





#50

Dimethylphthalate

Concen: 5.677 ng

RT: 9.634 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

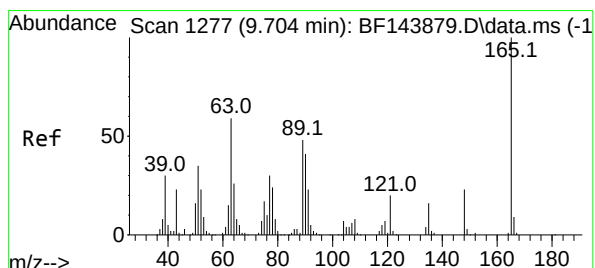
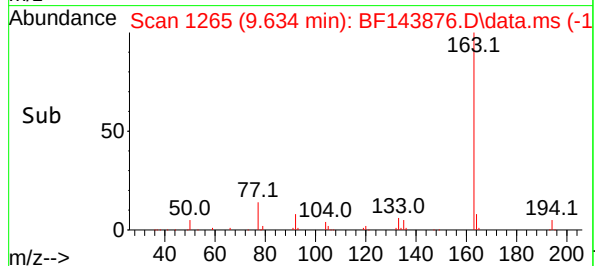
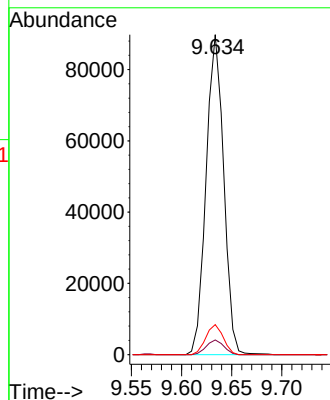
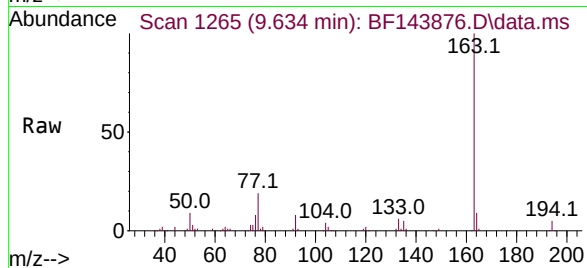
Tgt Ion:163 Resp: 109323

Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 9.4 8.1 12.1



#51

2,6-Dinitrotoluene

Concen: 4.265 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.018 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

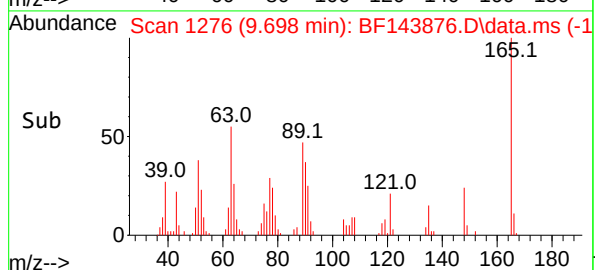
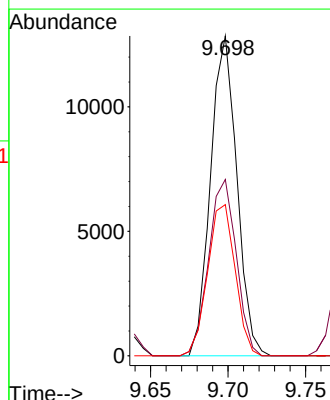
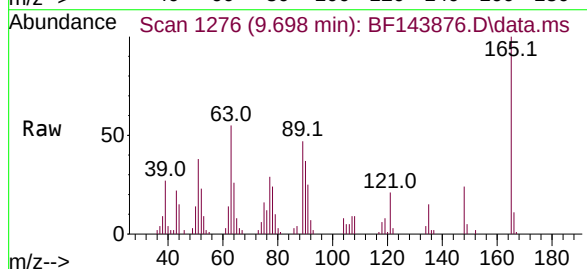
Tgt Ion:165 Resp: 15228

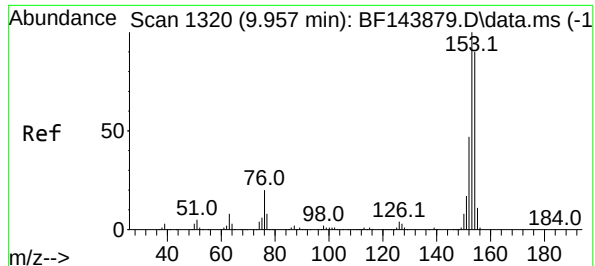
Ion Ratio Lower Upper

165 100

63 55.1 47.3 70.9

89 47.3 38.2 57.4

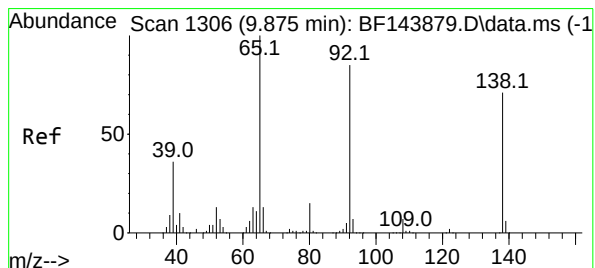
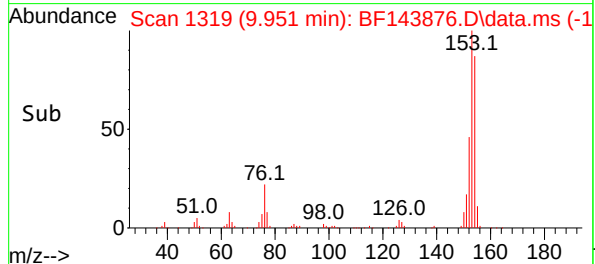
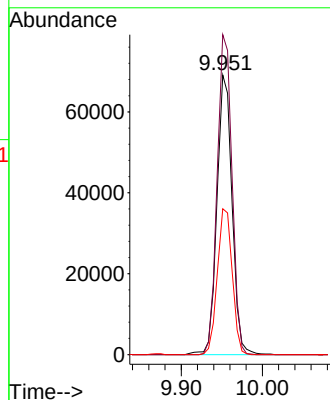
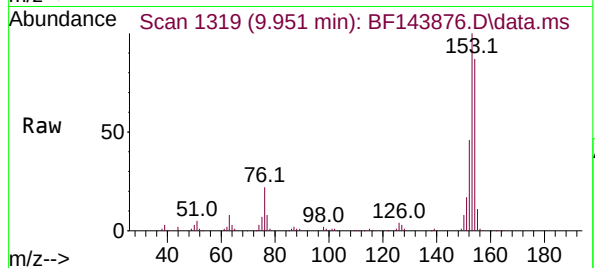




#52
Acenaphthene
Concen: 5.787 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

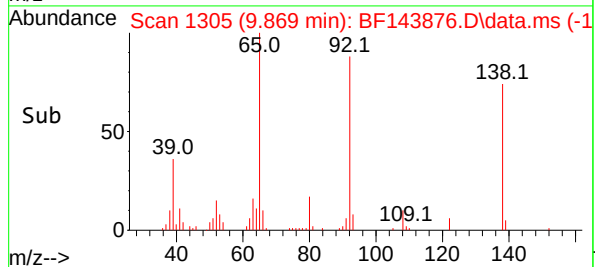
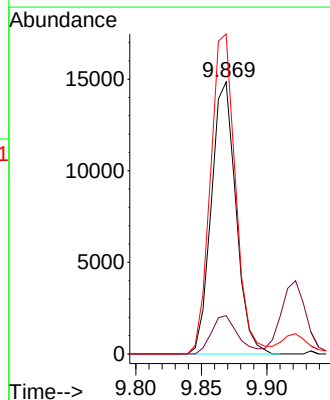
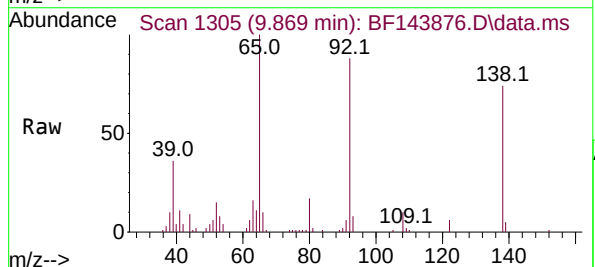
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

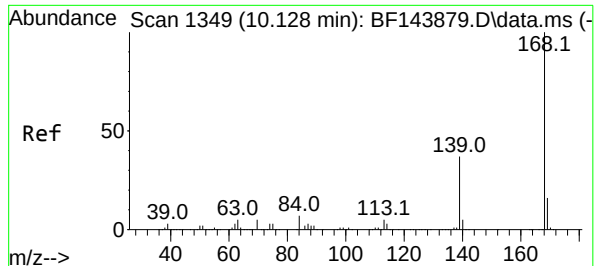
Tgt Ion:154 Resp: 89242
Ion Ratio Lower Upper
154 100
153 114.5 89.3 133.9
152 52.2 42.2 63.2



#53
3-Nitroaniline
Concen: 4.437 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:138 Resp: 19400
Ion Ratio Lower Upper
138 100
108 14.1 8.3 12.5#
92 117.8 96.2 144.2





#55

Dibenzofuran

Concen: 5.852 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

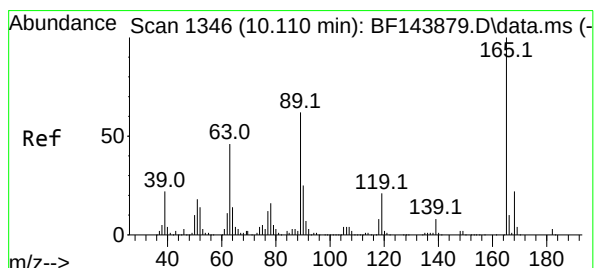
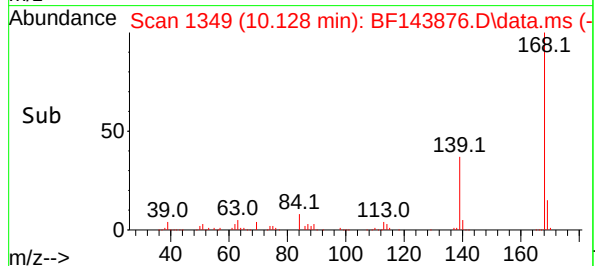
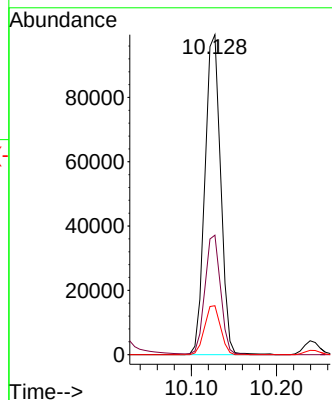
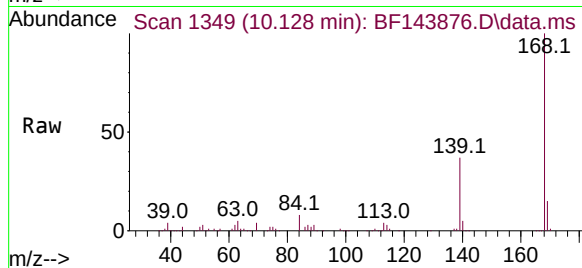
Tgt Ion:168 Resp: 127374

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

169 15.3 12.8 19.2



#57

2,4-Dinitrotoluene

Concen: 3.932 ng

RT: 10.098 min Scan# 1344

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Tgt Ion:165 Resp: 19103

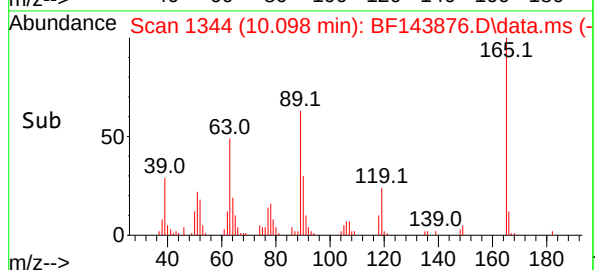
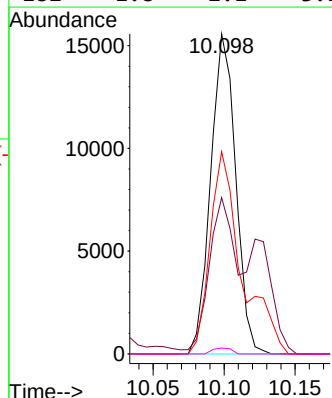
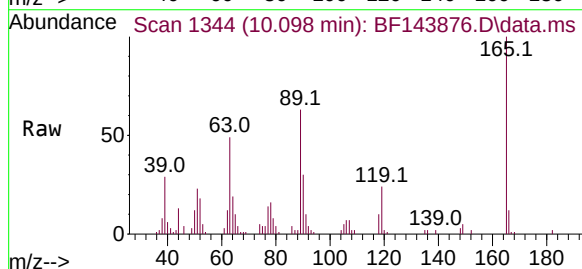
Ion Ratio Lower Upper

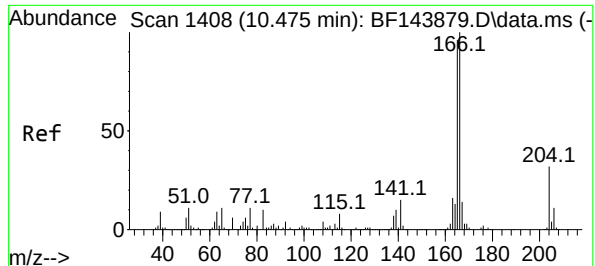
165 100

63 48.8 37.2 55.8

89 63.2 49.4 74.2

182 1.8 2.1 3.1#

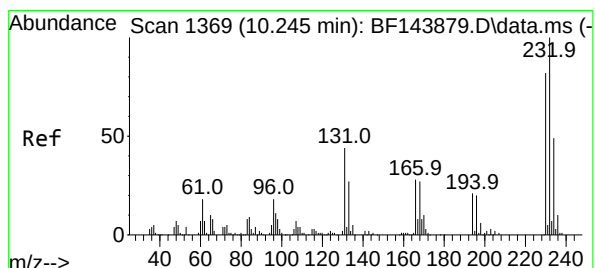
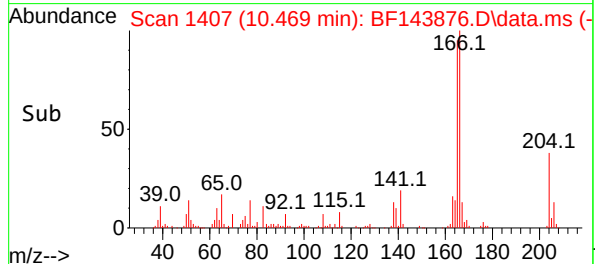
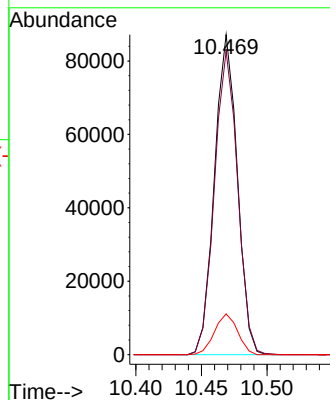
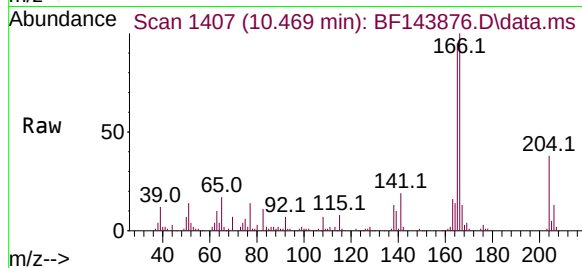




#58
Fluorene
Concen: 6.430 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

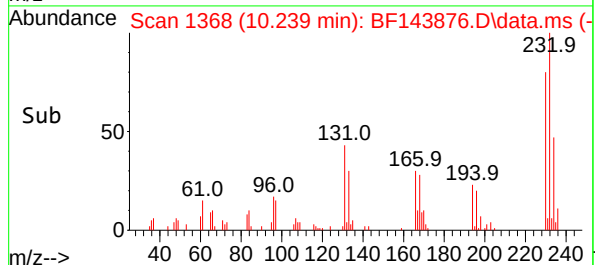
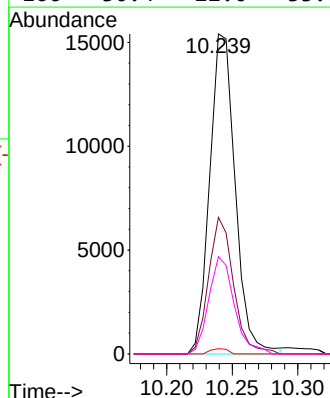
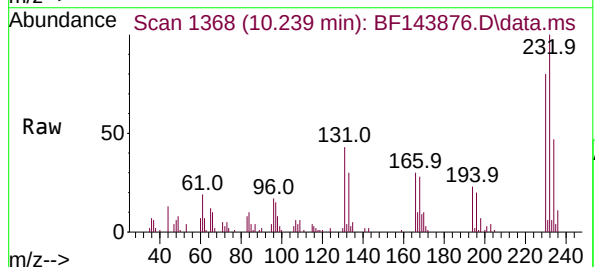
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

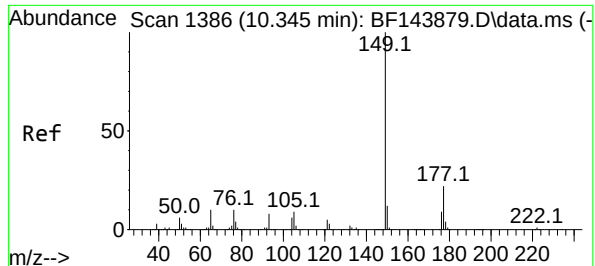
Tgt Ion:166 Resp: 105607
Ion Ratio Lower Upper
166 100
165 94.8 77.0 115.6
167 12.7 11.1 16.7



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.560 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:232 Resp: 20888
Ion Ratio Lower Upper
232 100
131 41.6 34.9 52.3
130 1.1 1.6 2.4#
166 30.4 22.0 33.0





#60

Diethylphthalate

Concen: 5.590 ng

RT: 10.339 min Scan# 1385

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

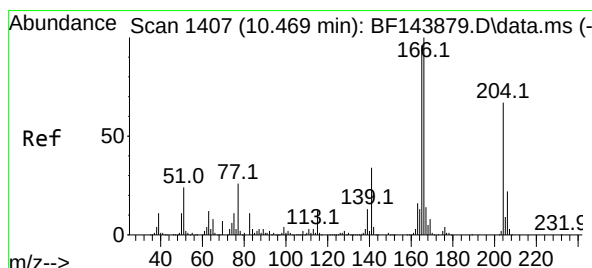
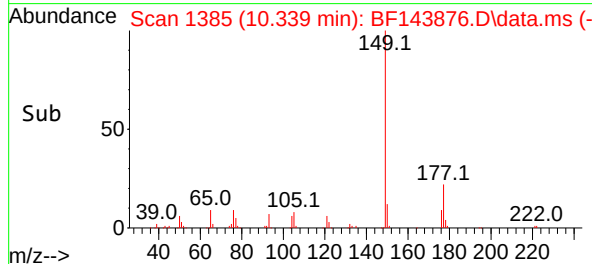
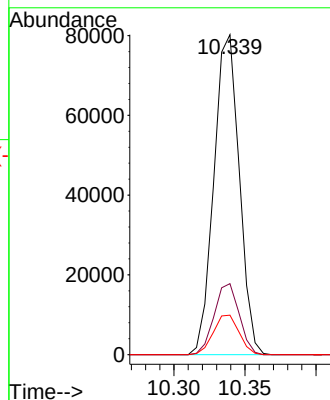
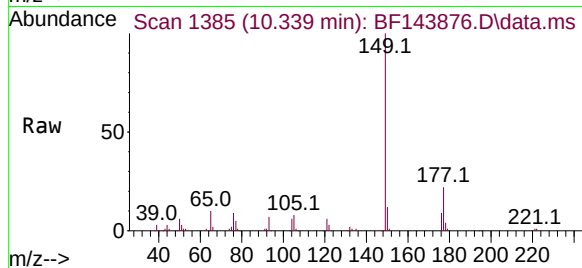
Tgt Ion:149 Resp: 100010

Ion Ratio Lower Upper

149 100

177 22.2 17.9 26.9

150 12.3 9.8 14.8



#61

4-Chlorophenyl-phenylether

Concen: 6.011 ng

RT: 10.463 min Scan# 1406

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

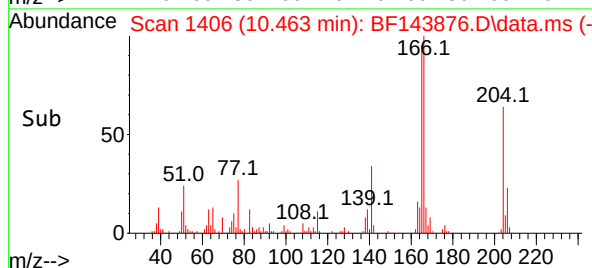
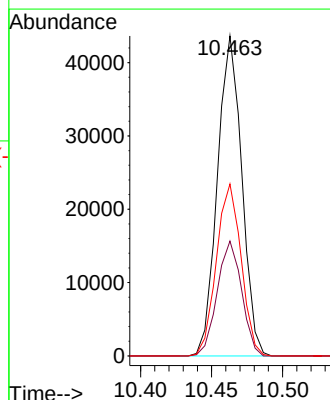
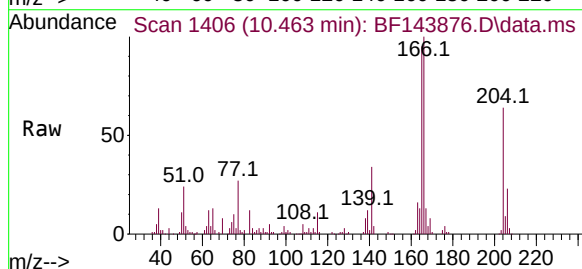
Tgt Ion:204 Resp: 52199

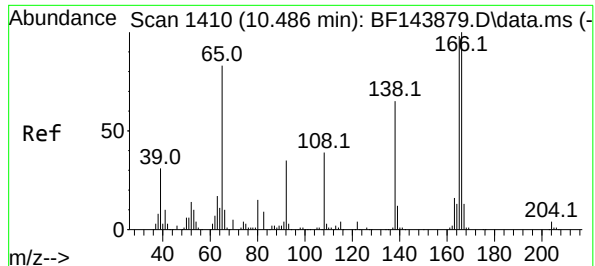
Ion Ratio Lower Upper

204 100

206 35.9 26.6 40.0

141 53.7 40.4 60.6

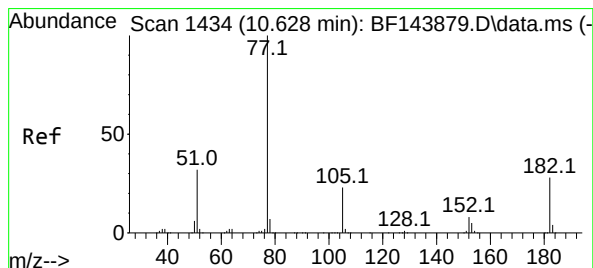
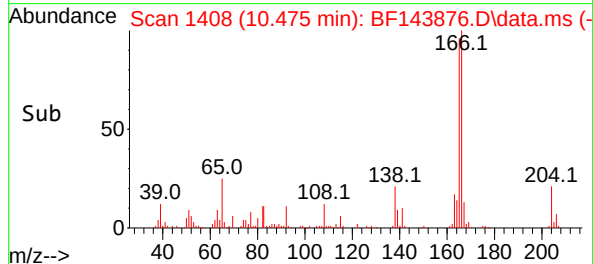
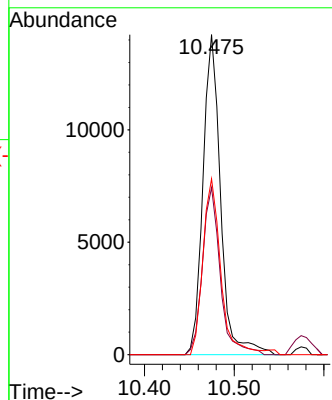
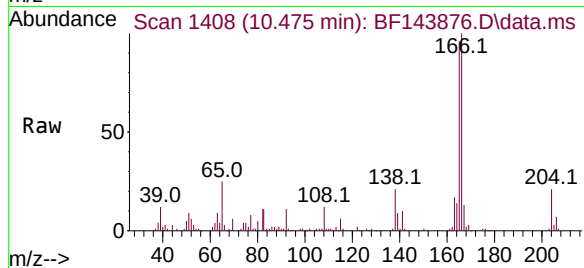




#62
4-Nitroaniline
Concen: 4.625 ng
RT: 10.475 min Scan# 1410
Delta R.T. -0.035 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

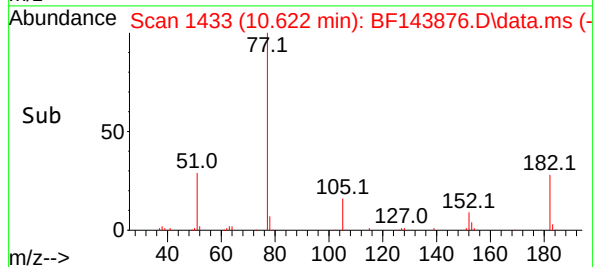
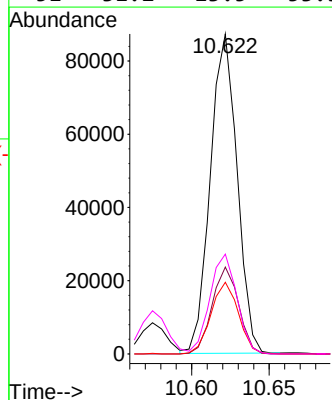
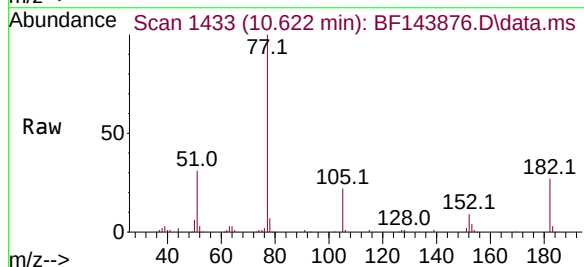
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

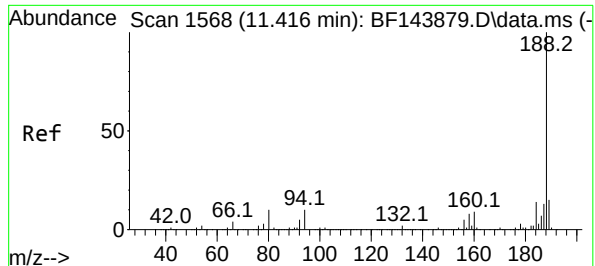
Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	33.9	73.9
108	54.9	40.2	80.2



#63
Azobenzene
Concen: 5.625 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	7.3	47.3
105	22.4	3.0	43.0
51	31.2	13.5	53.5

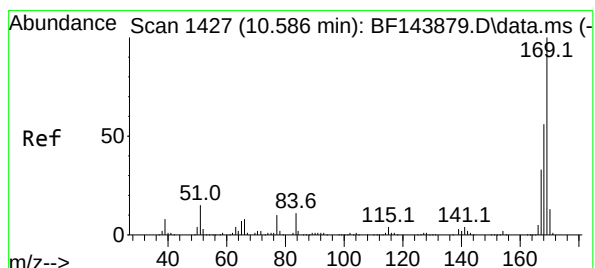
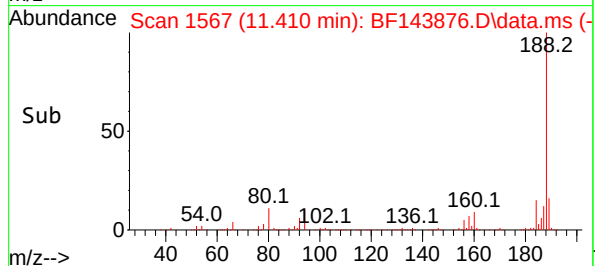
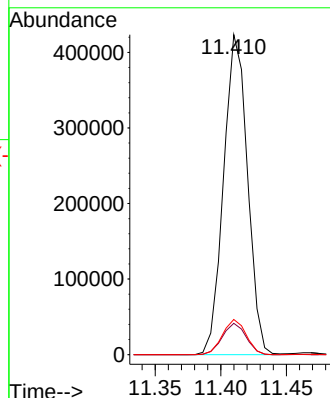
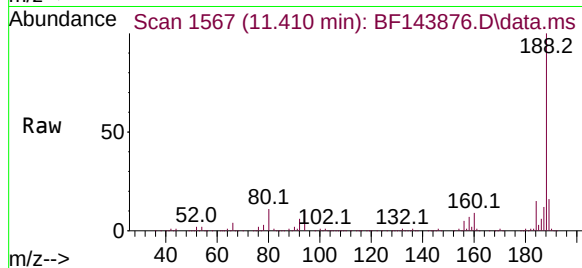




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

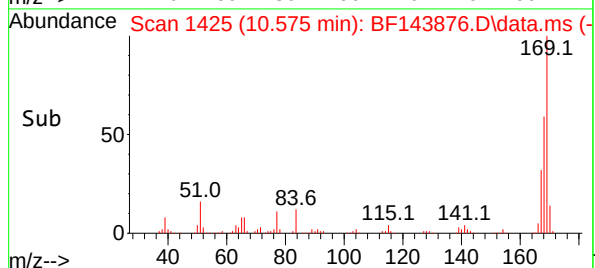
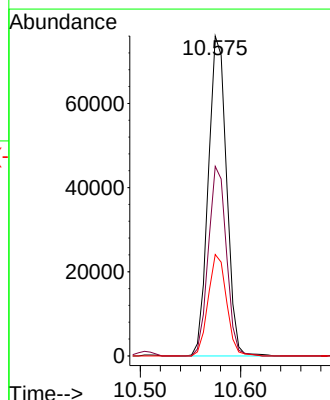
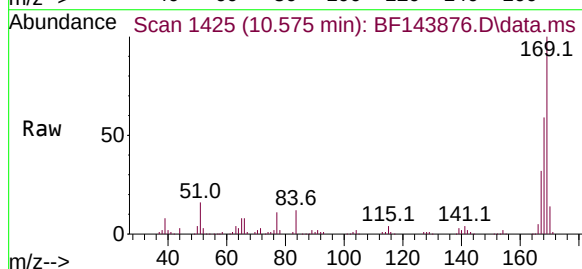
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

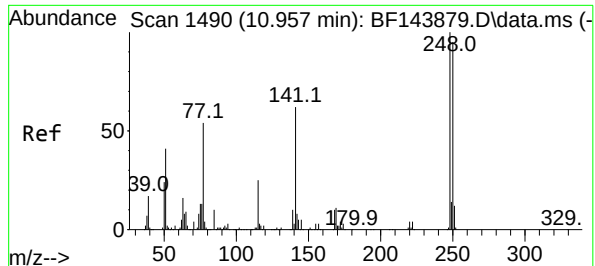
Tgt Ion:188 Resp: 538298
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 11.0 7.9 11.9



#66
n-Nitrosodiphenylamine
Concen: 5.671 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:169 Resp: 95847
Ion Ratio Lower Upper
169 100
168 59.2 44.9 67.3
167 31.7 26.3 39.5

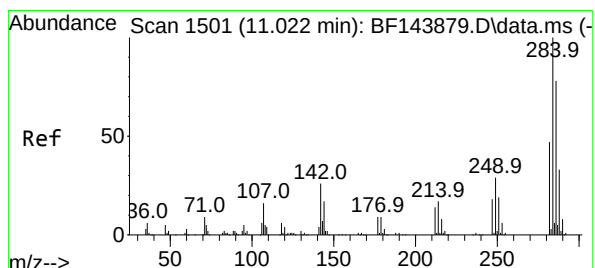
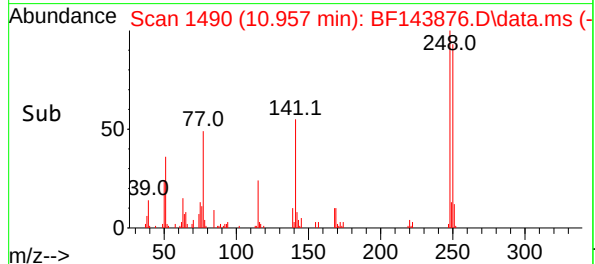
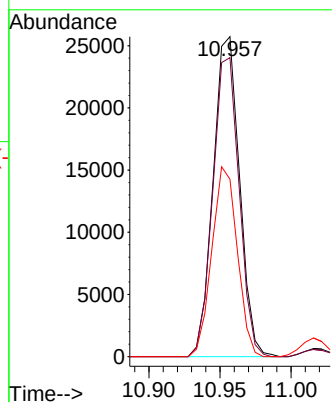
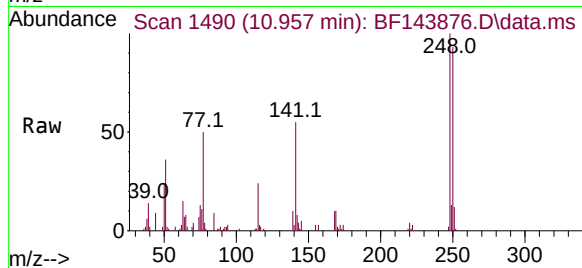




#67
4-Bromophenyl-phenylether
Concen: 5.587 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

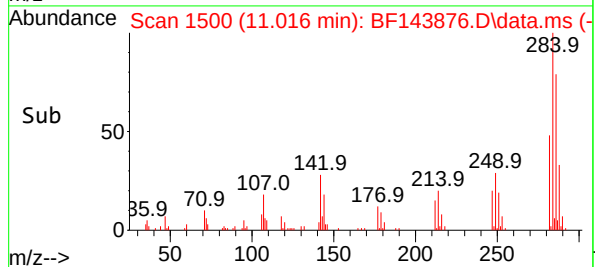
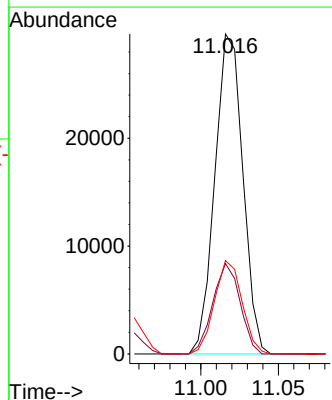
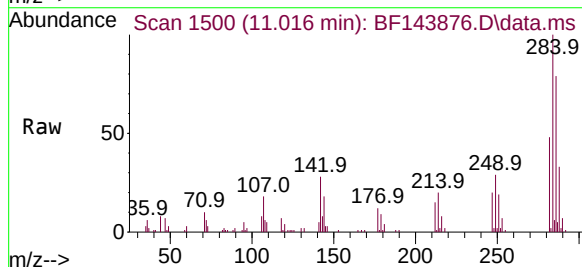
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

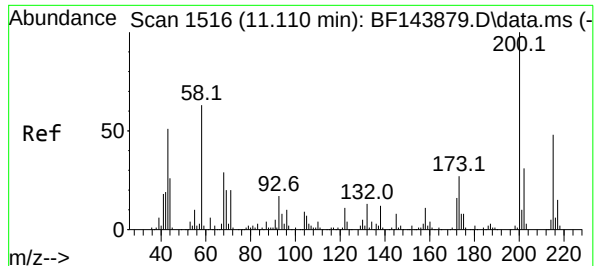
Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.4	76.3	114.5
141	55.4	49.7	74.5



#68
Hexachlorobenzene
Concen: 5.406 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	20.6	30.8
249	29.2	23.2	34.8





#69

Atrazine

Concen: 5.174 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

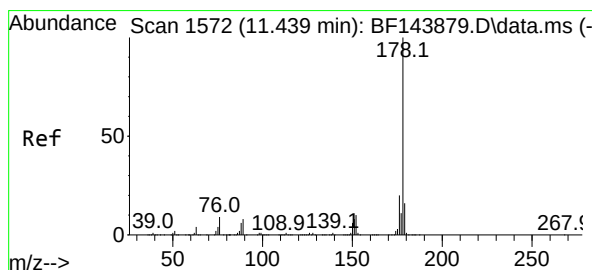
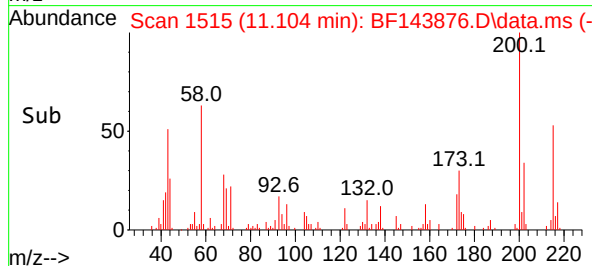
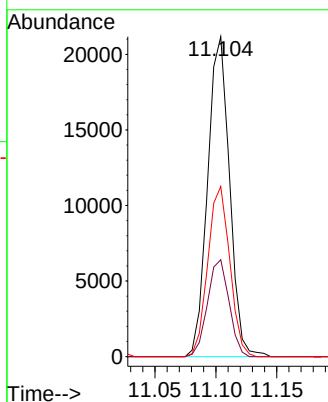
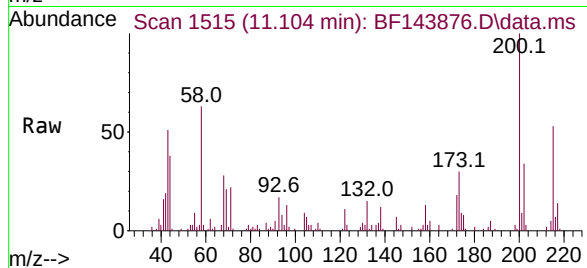
Tgt Ion:200 Resp: 26507

Ion Ratio Lower Upper

200 100

173 30.3 7.0 47.0

215 53.2 27.8 67.8



#71

Phenanthrene

Concen: 6.004 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

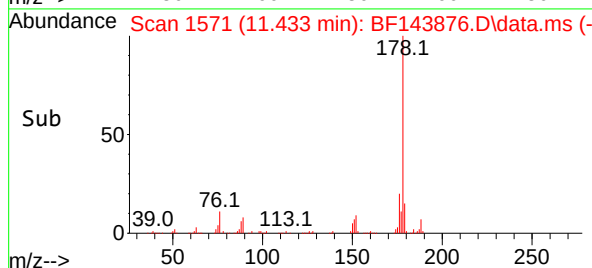
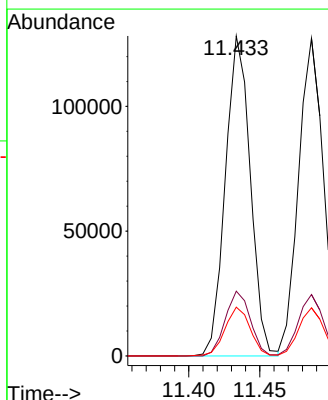
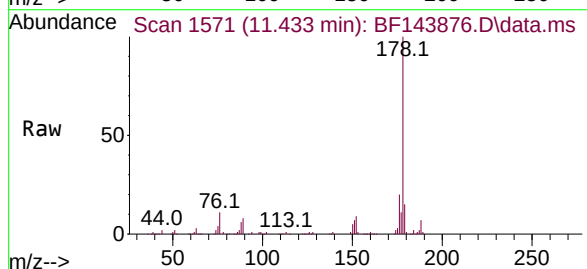
Tgt Ion:178 Resp: 156676

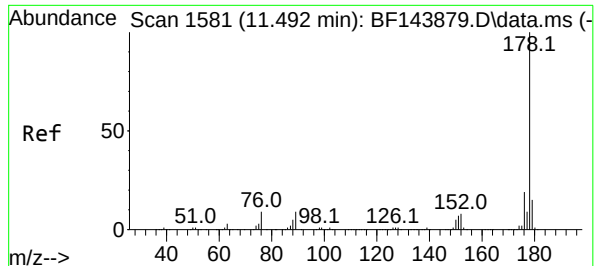
Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

179 15.2 12.4 18.6





#72

Anthracene

Concen: 5.928 ng

RT: 11.486 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

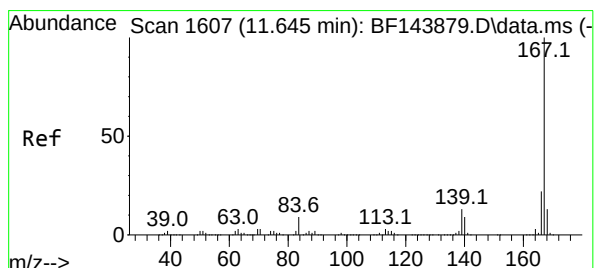
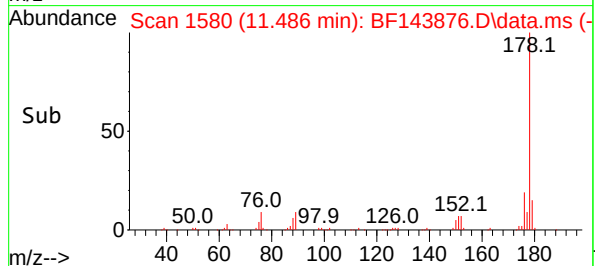
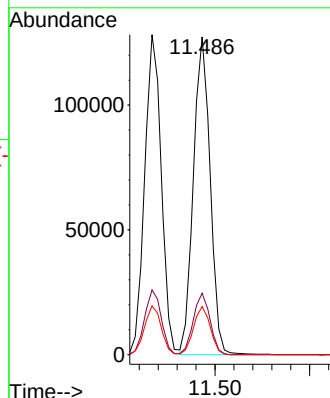
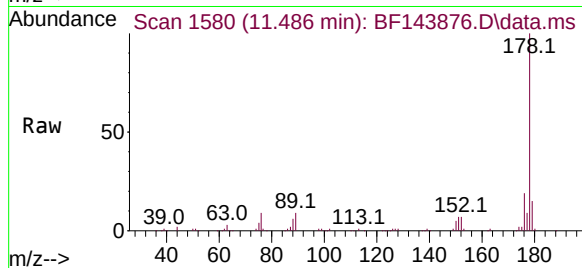
Tgt Ion:178 Resp: 156289

Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

179 15.1 12.2 18.2



#73

Carbazole

Concen: 5.850 ng

RT: 11.639 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

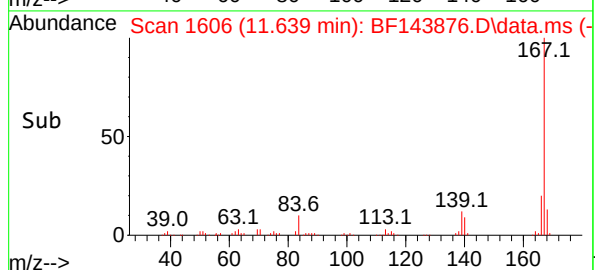
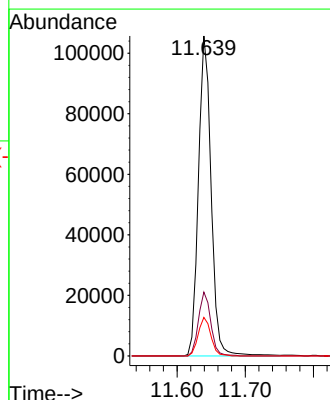
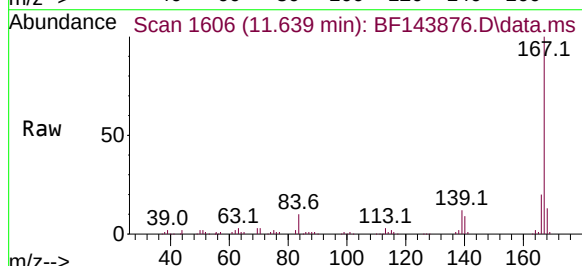
Tgt Ion:167 Resp: 136597

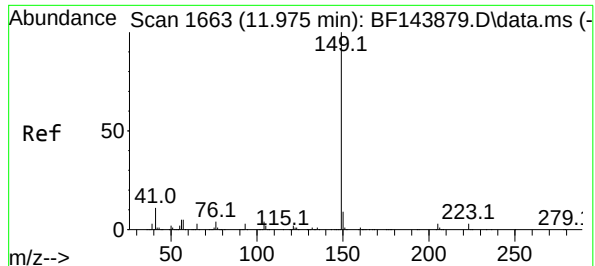
Ion Ratio Lower Upper

167 100

166 19.9 17.2 25.8

139 12.0 10.1 15.1

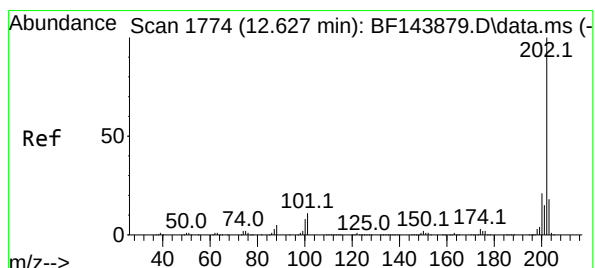
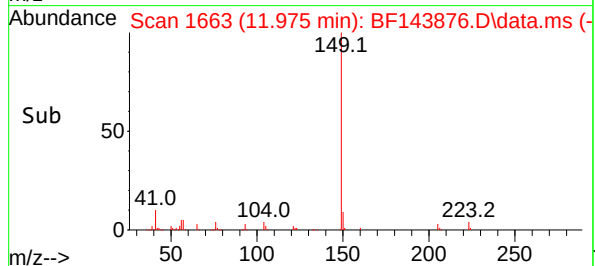
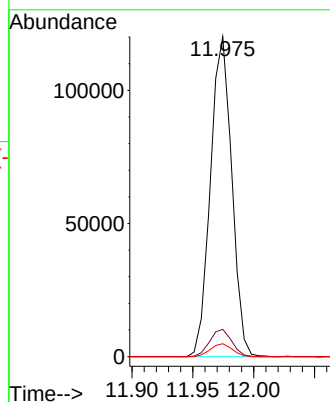
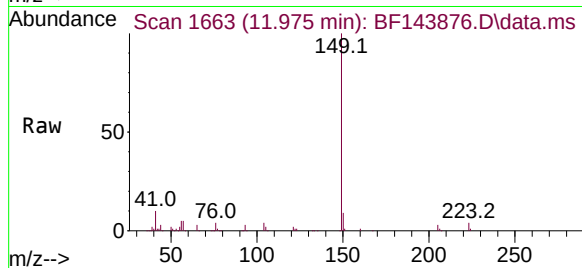




#74
Di-n-butylphthalate
Concen: 5.417 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

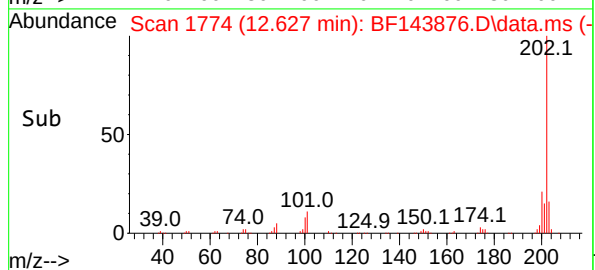
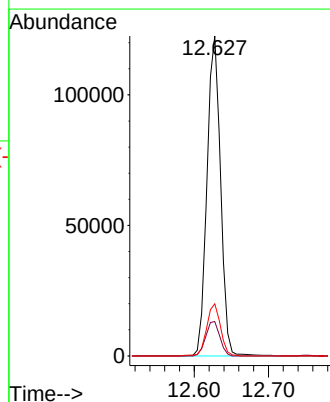
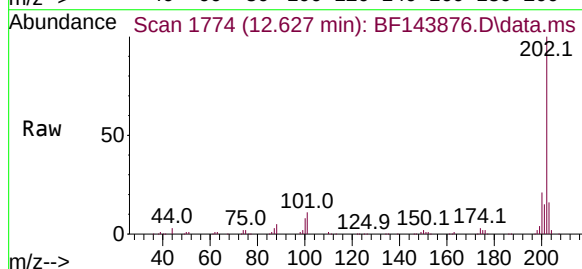
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

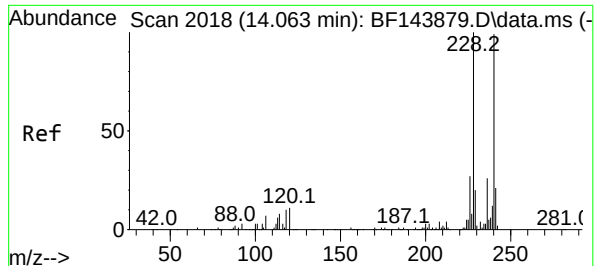
Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.4	11.2
104	4.0	3.4	5.2



#75
Fluoranthene
Concen: 5.771 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.7
203	16.3	0.0	37.8

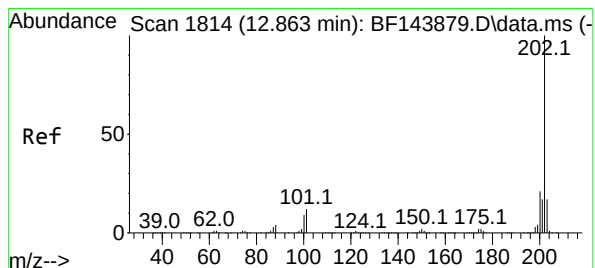
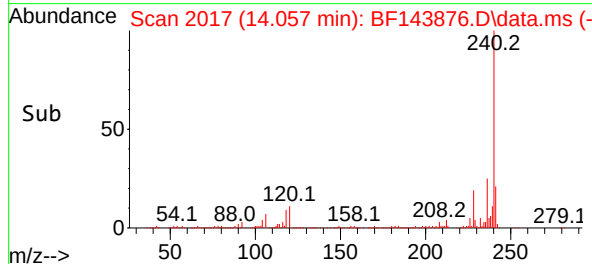
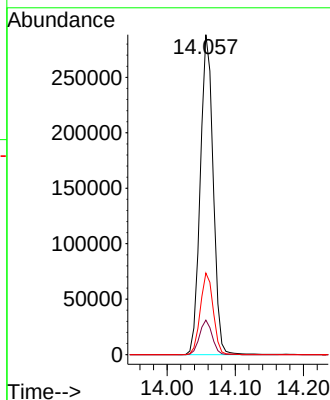
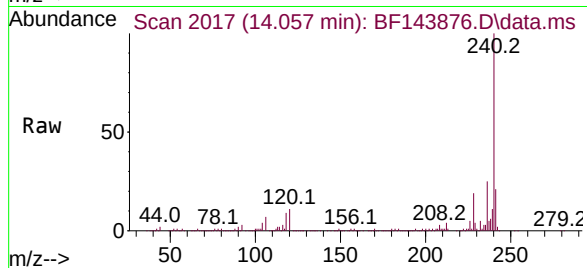




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

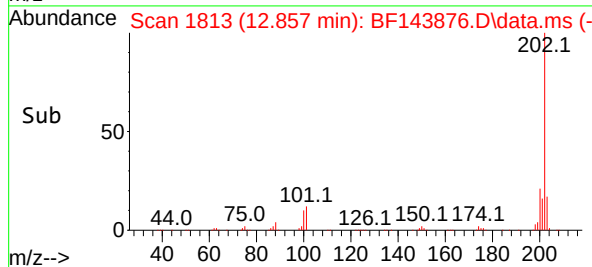
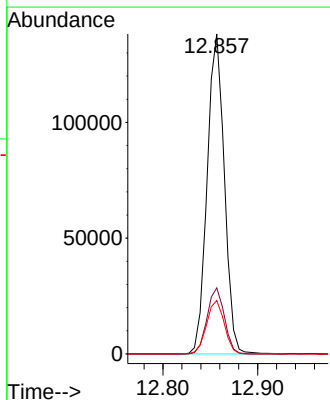
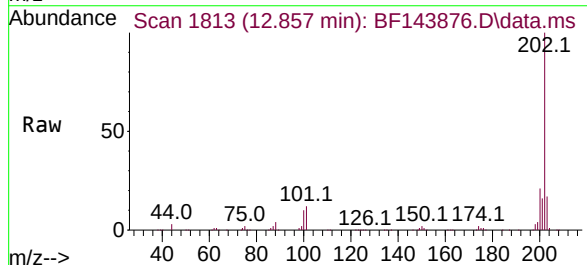
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

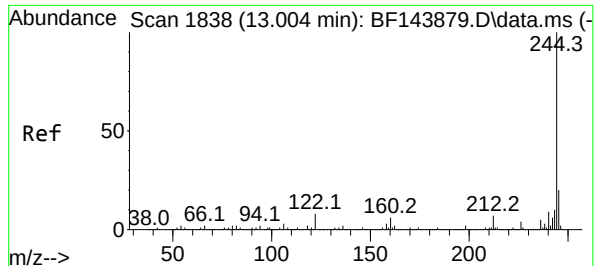
Tgt Ion:240 Resp: 379937
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 25.5 21.1 31.7



#78
Pyrene
Concen: 5.510 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:202 Resp: 174542
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 16.7 13.8 20.6





#79

Terphenyl-d14

Concen: 11.121 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

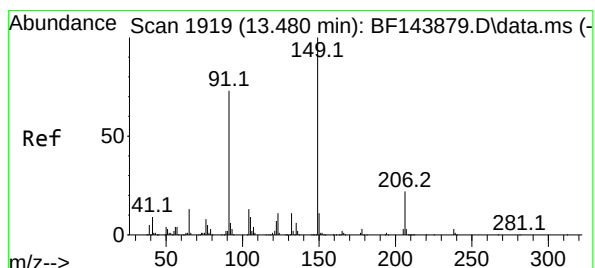
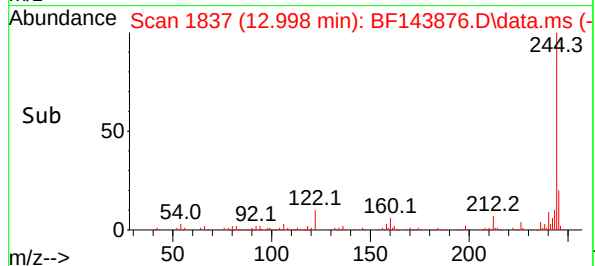
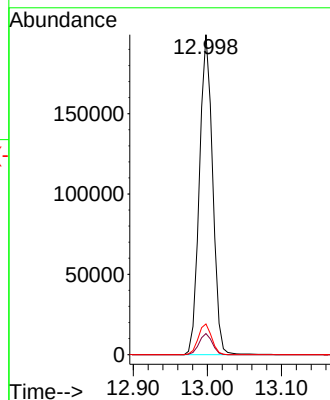
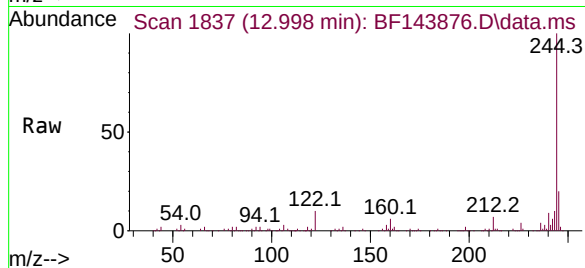
Tgt Ion:244 Resp: 247223

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 9.6 6.4 9.6



#80

Butylbenzylphthalate

Concen: 4.302 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

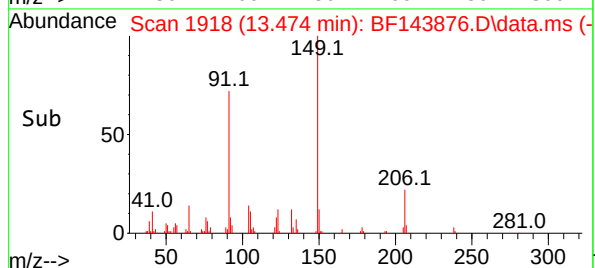
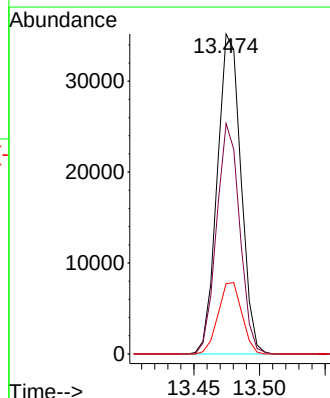
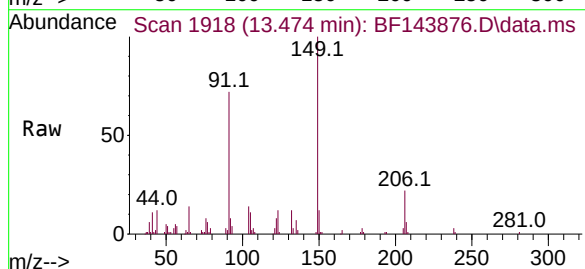
Tgt Ion:149 Resp: 44252

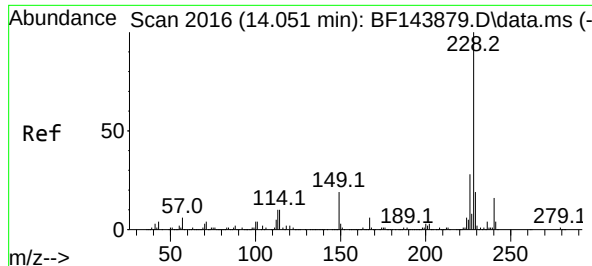
Ion Ratio Lower Upper

149 100

91 72.0 58.2 87.2

206 22.0 17.9 26.9

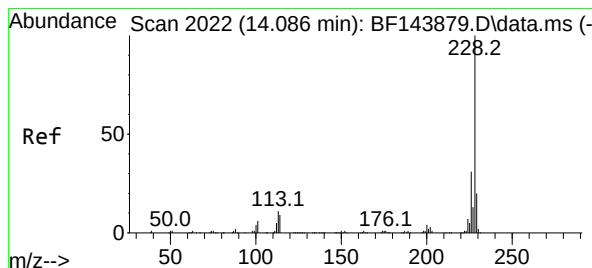
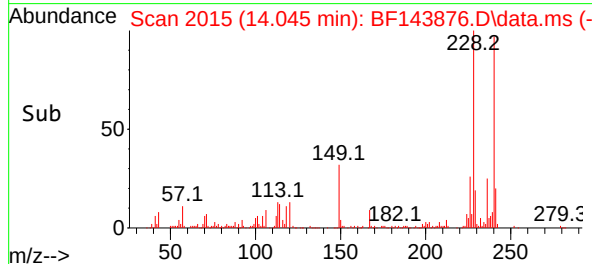
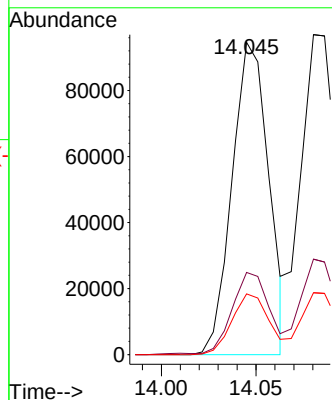
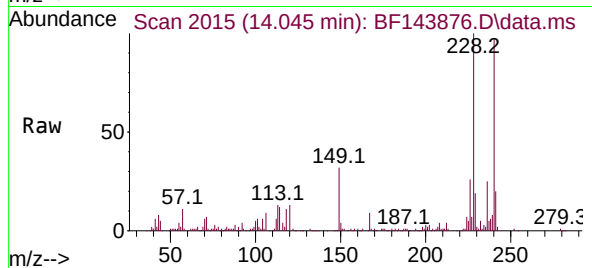




#81
Benzo(a)anthracene
Concen: 5.125 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

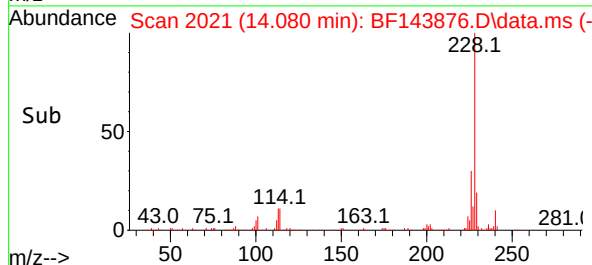
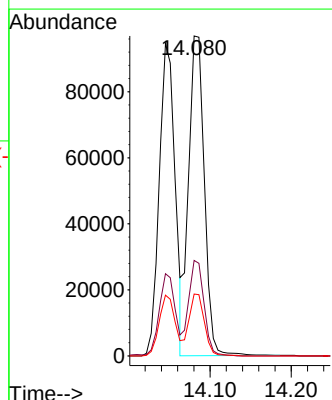
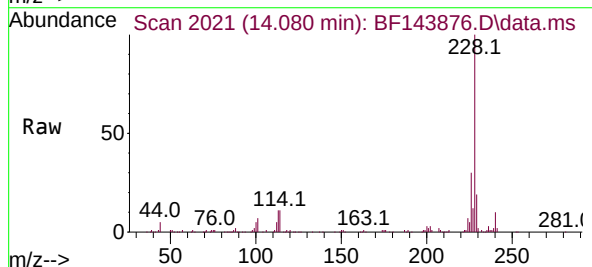
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

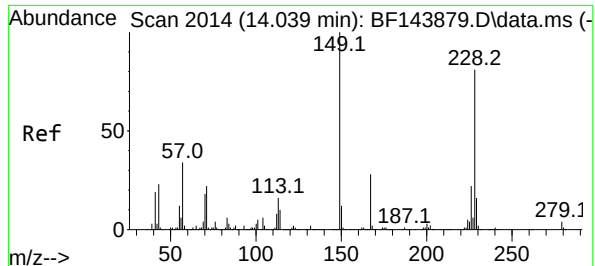
Tgt Ion:228 Resp: 127434
Ion Ratio Lower Upper
228 100
226 26.3 22.2 33.2
229 19.4 15.6 23.4



#83
Chrysene
Concen: 5.669 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:228 Resp: 130450
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.3 15.9 23.9

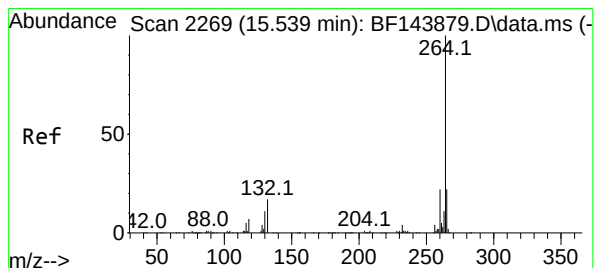
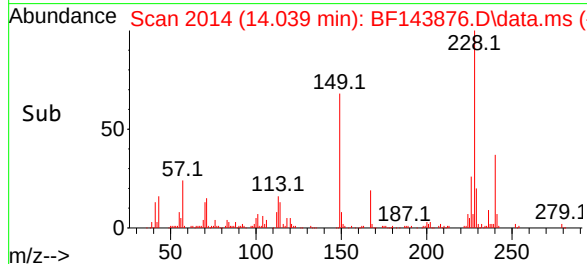
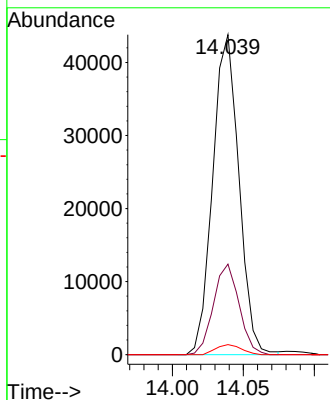
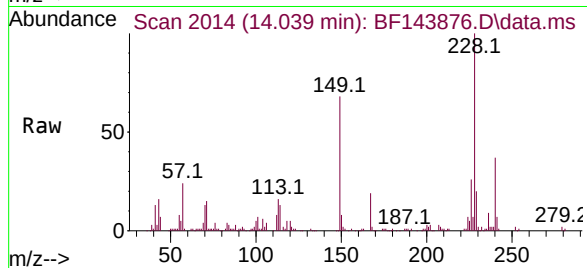




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.529 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

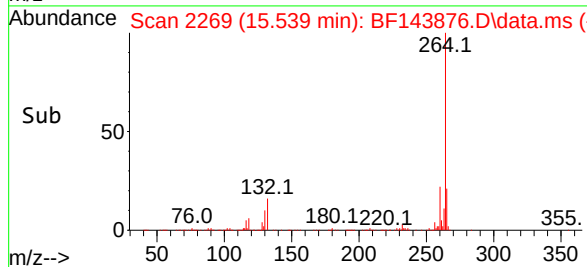
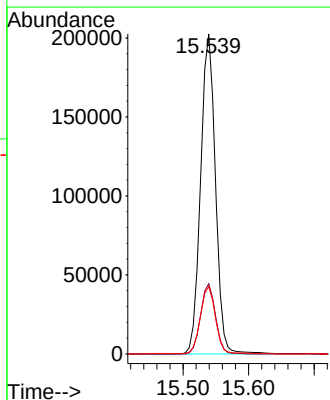
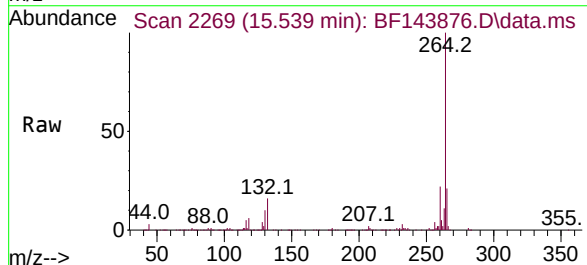
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

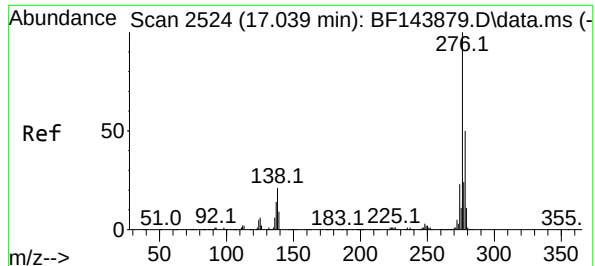
Tgt Ion:149 Resp: 56165
Ion Ratio Lower Upper
149 100
167 28.3 22.2 33.4
279 3.1 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Tgt Ion:264 Resp: 317181
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 21.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.544 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

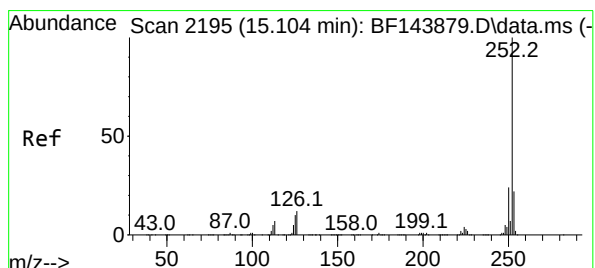
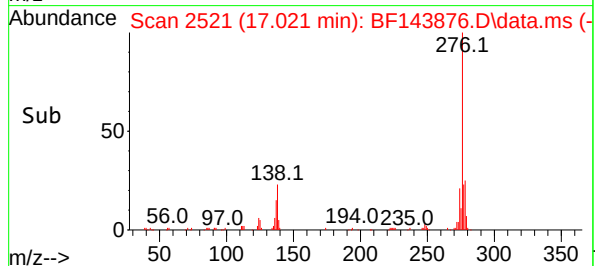
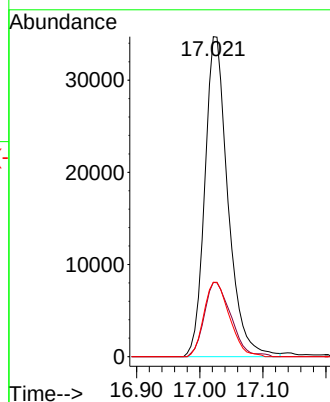
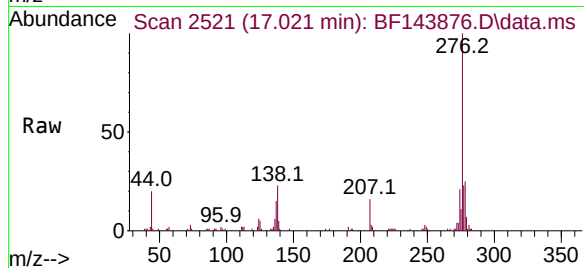
Tgt Ion:276 Resp: 88321

Ion Ratio Lower Upper

276 100

138 26.7 18.2 27.2

277 25.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 5.255 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

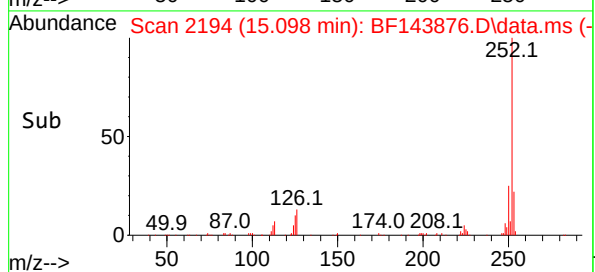
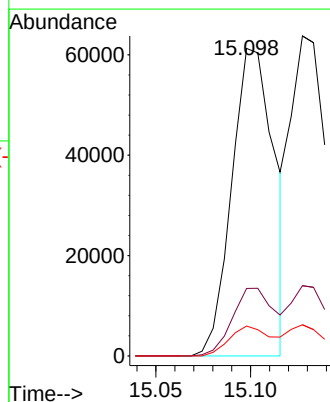
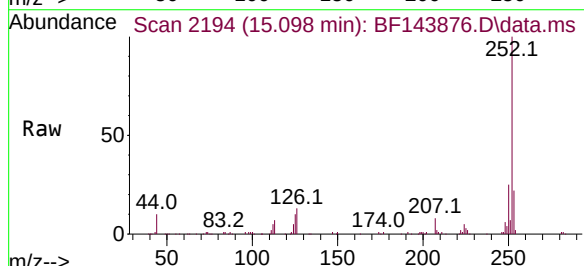
Tgt Ion:252 Resp: 95737

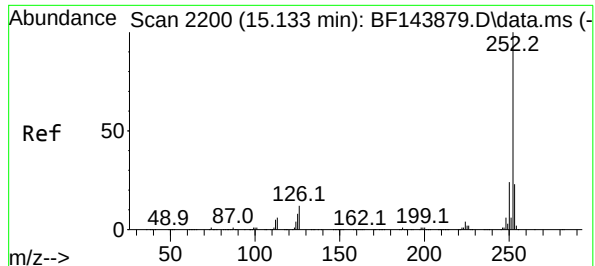
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 9.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 5.352 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

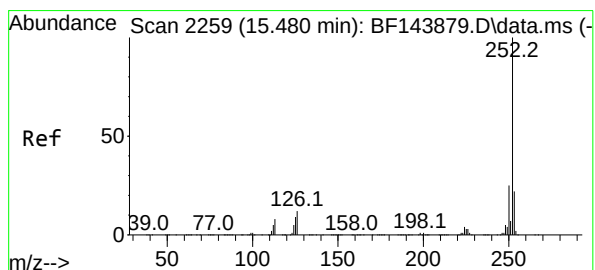
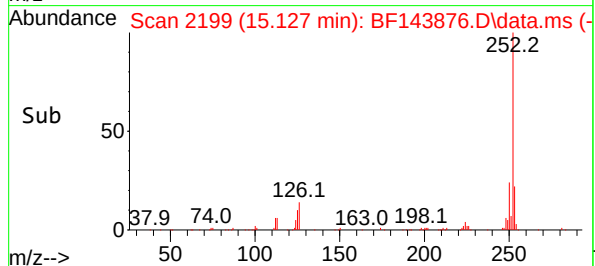
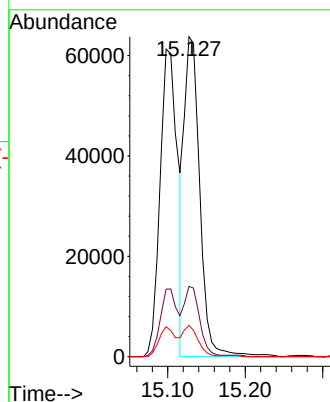
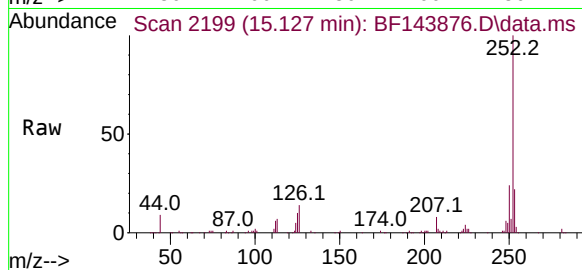
Tgt Ion:252 Resp: 90226

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 9.7 7.4 11.2



#90

Benzo(a)pyrene

Concen: 5.018 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

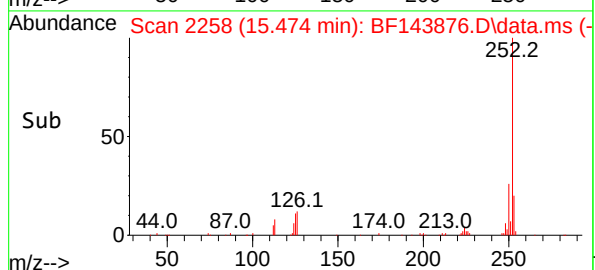
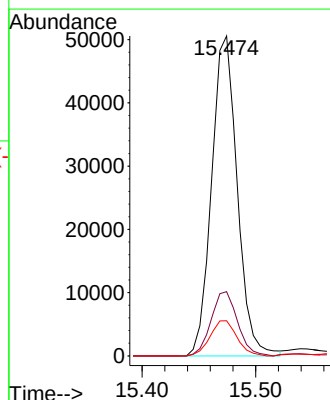
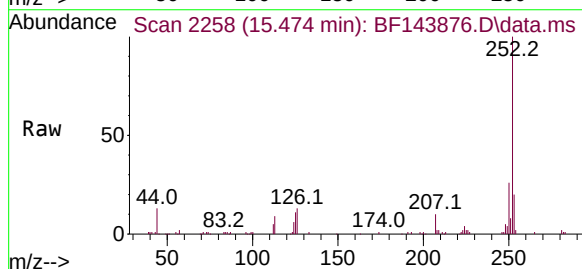
Tgt Ion:252 Resp: 79275

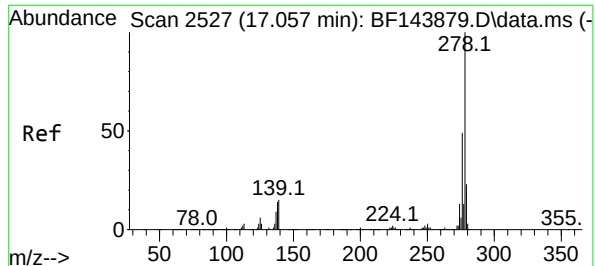
Ion Ratio Lower Upper

252 100

253 20.1 17.3 25.9

125 11.0 7.0 10.4#





#91

Dibenzo(a,h)anthracene

Concen: 4.507 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

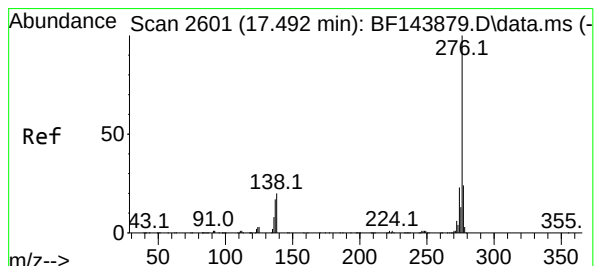
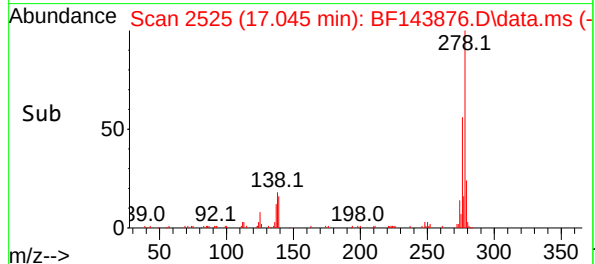
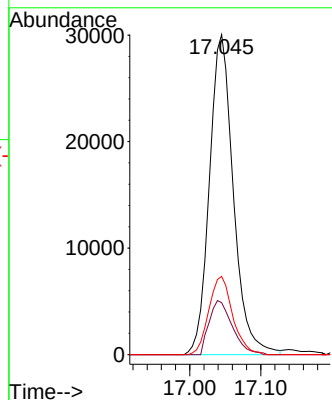
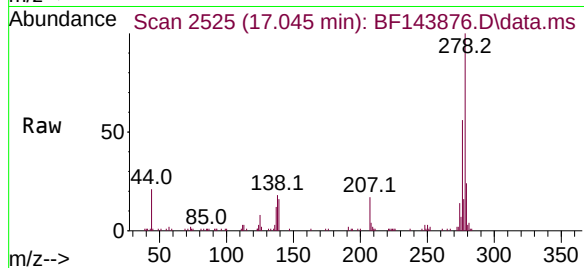
Tgt Ion:278 Resp: 70452

Ion Ratio Lower Upper

278 100

139 16.2 11.7 17.5

279 24.4 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 4.508 ng

RT: 17.474 min Scan# 2598

Delta R.T. -0.041 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

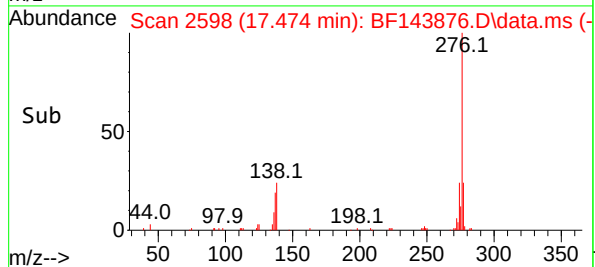
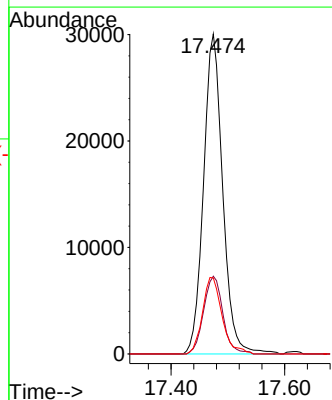
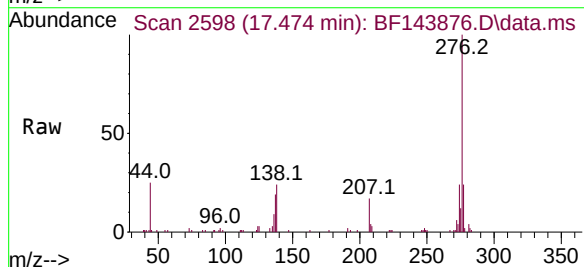
Tgt Ion:276 Resp: 70468

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.6

138 23.7 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143877.D
 Acq On : 06 Oct 2025 10:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Oct 06 15:38:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126533	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	493548	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	283821	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	504357	20.000	ng	0.00
76) Chrysene-d12	14.057	240	366499	20.000	ng	-0.01
86) Perylene-d12	15.539	264	297391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	170697	21.422	ng	-0.01
7) Phenol-d6	6.493	99	206358	21.727	ng	-0.02
23) Nitrobenzene-d5	7.440	82	164127	20.204	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	54453	19.262	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	404164	22.595	ng	-0.01
79) Terphenyl-d14	12.998	244	442968	20.657	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	37665	10.215	ng	96
3) Pyridine	3.399	79	105800	9.856	ng	99
4) n-Nitrosodimethylamine	3.322	42	49793	8.818	ng	99
6) Aniline	6.540	93	147222	10.344	ng	98
8) 2-Chlorophenol	6.663	128	77754	9.983	ng	97
9) Benzaldehyde	6.434	77	70546	9.629	ng	98
10) Phenol	6.510	94	114780m	10.109	ng	
11) bis(2-Chloroethyl)ether	6.610	93	92208	10.513	ng	98
12) 1,3-Dichlorobenzene	6.822	146	100630	10.793	ng	96
13) 1,4-Dichlorobenzene	6.898	146	101588	11.046	ng	97
14) 1,2-Dichlorobenzene	7.051	146	95345	10.824	ng	98
15) Benzyl Alcohol	7.016	79	70756	9.943	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	214183	10.728	ng	99
17) 2-Methylphenol	7.122	107	66872	10.389	ng	96
18) Hexachloroethane	7.398	117	32160	10.486	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	71731	11.034	ng	94
20) 3+4-Methylphenols	7.275	107	88634	11.881	ng	95
22) Acetophenone	7.287	105	113751	10.900	ng	96
24) Nitrobenzene	7.457	77	86228	9.558	ng	96
25) Isophorone	7.698	82	174767	10.203	ng	98
26) 2-Nitrophenol	7.781	139	32787	8.477	ng	95
27) 2,4-Dimethylphenol	7.810	122	70960	10.199	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	116898	10.804	ng	95
29) 2,4-Dichlorophenol	8.016	162	72141	9.954	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	73668	10.336	ng	98
31) Naphthalene	8.187	128	245857	10.951	ng	99
32) Benzoic acid	7.869	122	32361m	6.721	ng	
33) 4-Chloroaniline	8.234	127	91294	10.842	ng	95
34) Hexachlorobutadiene	8.304	225	52824	10.665	ng	98
35) Caprolactam	8.569	113	22813	9.900	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	74546	10.708	ng	96
37) 2-Methylnaphthalene	8.875	142	168581	11.272	ng	98
38) 1-Methylnaphthalene	8.975	142	161895	11.160	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	83972	10.705	ng	97
41) Hexachlorocyclopentadiene	9.034	237	25812	7.932	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	55929	9.758	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143877.D
 Acq On : 06 Oct 2025 10:57
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Oct 06 15:38:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

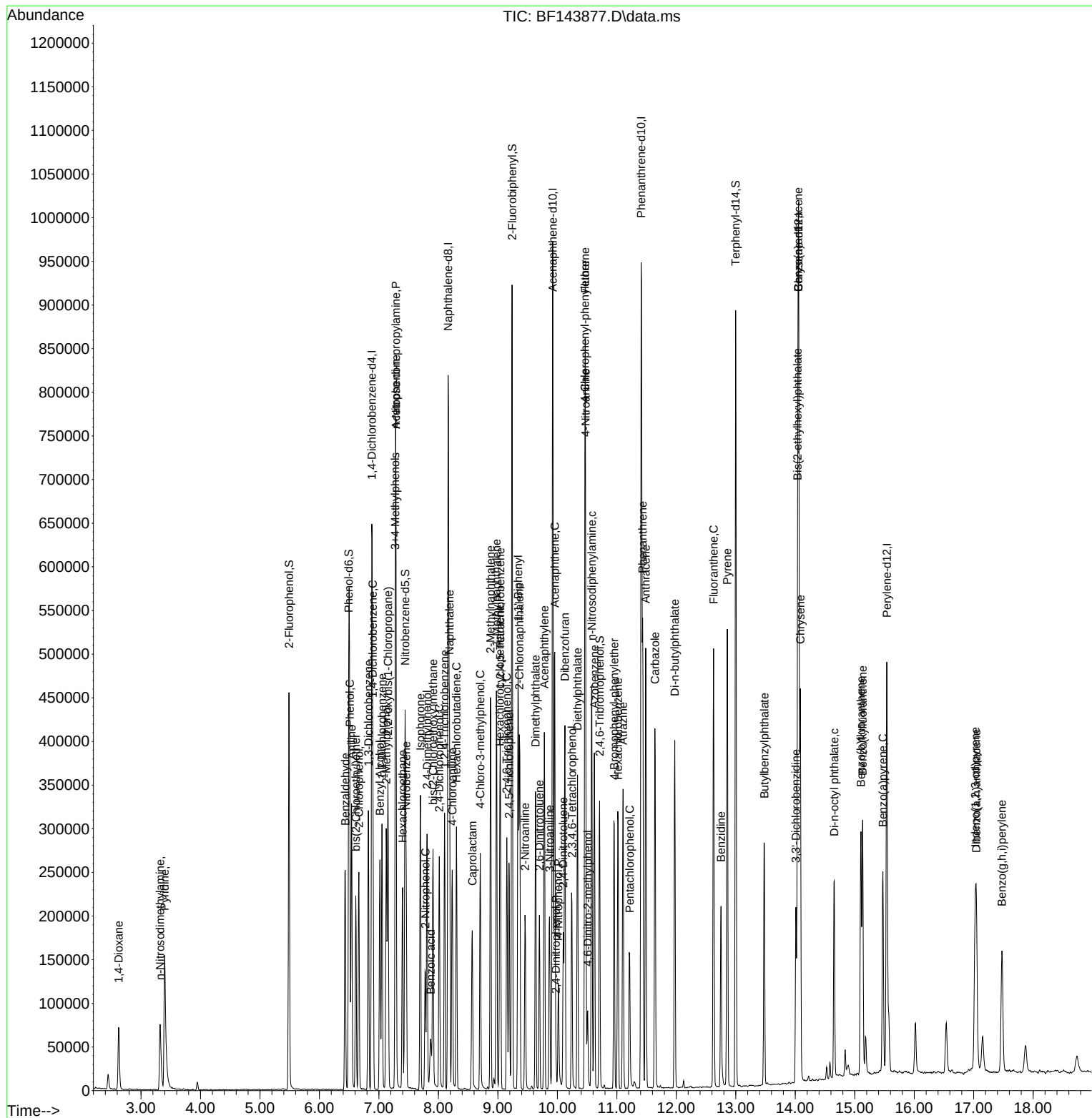
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	63036	10.407	ng	98
46) 1,1'-Biphenyl	9.339	154	209528	11.150	ng	99
47) 2-Chloronaphthalene	9.363	162	169672	10.829	ng	96
48) 2-Nitroaniline	9.457	65	45663	9.219	ng	96
49) Acenaphthylene	9.781	152	241454	10.962	ng	98
50) Dimethylphthalate	9.633	163	191729	10.638	ng	99
51) 2,6-Dinitrotoluene	9.698	165	28928	8.655	ng	95
52) Acenaphthene	9.957	154	158214	10.962	ng	99
53) 3-Nitroaniline	9.869	138	38386	9.380	ng	99
54) 2,4-Dinitrophenol	9.975	184	8624	10.761	ng	# 60
55) Dibenzofuran	10.128	168	228160	11.199	ng	97
56) 4-Nitrophenol	10.016	139	24585	7.934	ng	89
57) 2,4-Dinitrotoluene	10.098	165	40299	8.862	ng	95
58) Fluorene	10.469	166	179607	11.683	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	43052	10.041	ng	# 95
60) Diethylphthalate	10.339	149	181846	10.860	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	94000	11.565	ng	98
62) 4-Nitroaniline	10.475	138	36684	9.322	ng	95
63) Azobenzene	10.622	77	188888	10.794	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	16274	6.421	ng	96
66) n-Nitrosodiphenylamine	10.580	169	172118	10.869	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	58980	10.581	ng	96
68) Hexachlorobenzene	11.022	284	67494	10.459	ng	98
69) Atrazine	11.104	200	52016	10.837	ng	98
70) Pentachlorophenol	11.216	266	29608	7.989	ng	96
71) Phenanthrene	11.433	178	275484	11.267	ng	99
72) Anthracene	11.486	178	276694	11.201	ng	99
73) Carbazole	11.639	167	242534	11.086	ng	99
74) Di-n-butylphthalate	11.975	149	275838	10.879	ng	99
75) Fluoranthene	12.627	202	290713	11.510	ng	99
77) Benzidine	12.751	184	128424	10.092	ng	98
78) Pyrene	12.857	202	304789	9.975	ng	99
80) Butylbenzylphthalate	13.480	149	92241	9.296	ng	97
81) Benzo(a)anthracene	14.051	228	246871	10.293	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	66722	9.129	ng	# 99
83) Chrysene	14.086	228	217741	9.809	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	113431	9.483	ng	97
85) Di-n-octyl phthalate	14.657	149	153434	7.810	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	164200	9.011	ng	96
88) Benzo(b)fluoranthene	15.104	252	169146	9.901	ng	99
89) Benzo(k)fluoranthene	15.133	252	174390	11.032	ng	98
90) Benzo(a)pyrene	15.474	252	149543	10.096	ng	100
91) Dibenzo(a,h)anthracene	17.045	278	135992	9.279	ng	97
92) Benzo(g,h,i)perylene	17.474	276	132076	9.012	ng	98

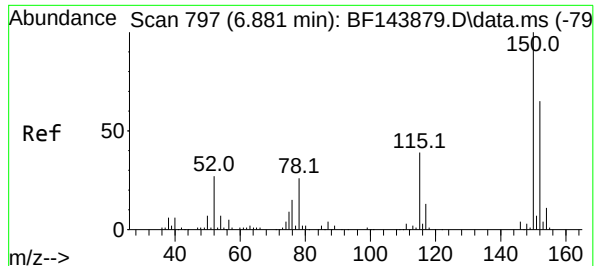
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF143877.D
Acq On    : 06 Oct 2025  10:57
Operator  : RC/JU
Sample    : SSTDICC010
Misc      :
ALS Vial  : 4    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

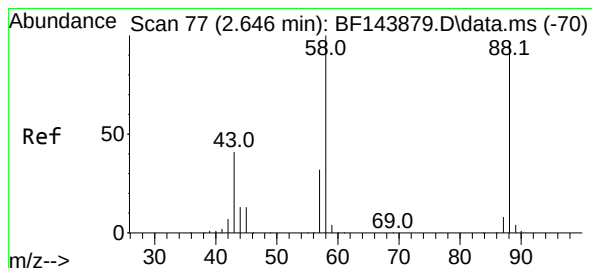
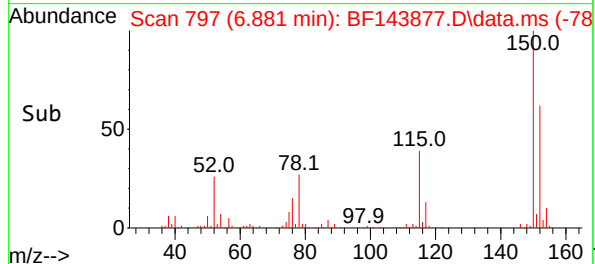
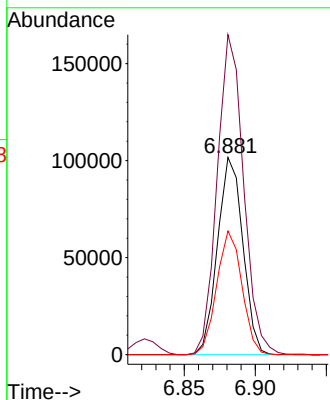
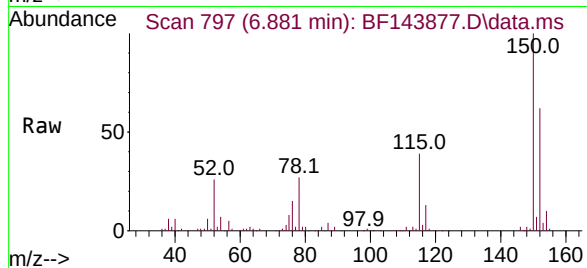




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

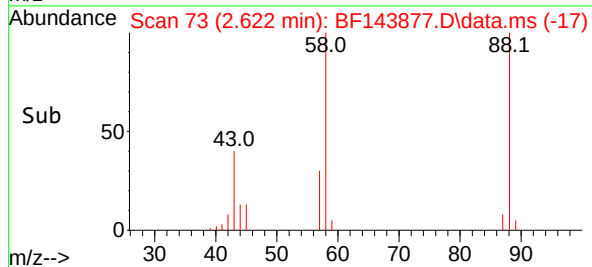
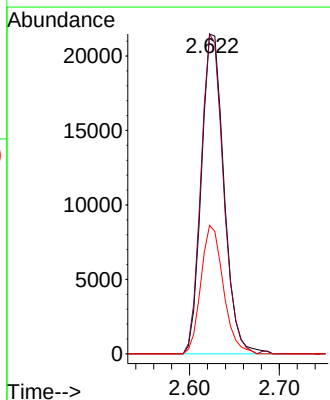
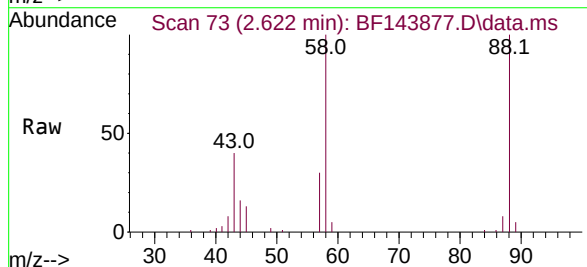
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

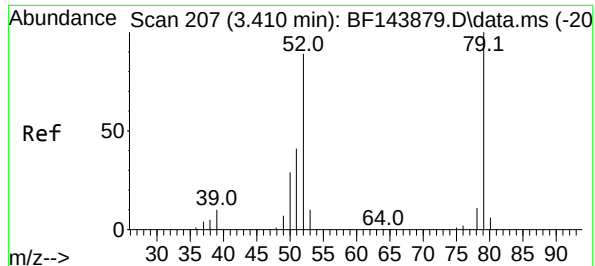
Tgt Ion:152 Resp: 126533
Ion Ratio Lower Upper
152 100
150 162.3 124.4 186.6
115 62.7 48.1 72.1



#2
1,4-Dioxane
Concen: 10.215 ng
RT: 2.622 min Scan# 73
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 88 Resp: 37665
Ion Ratio Lower Upper
88 100
58 99.3 83.0 124.6
43 39.9 33.9 50.9





#3

Pyridine

Concen: 9.856 ng

RT: 3.399 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

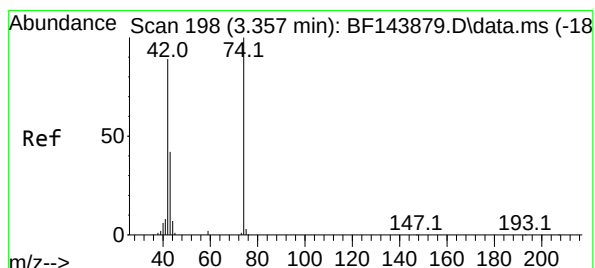
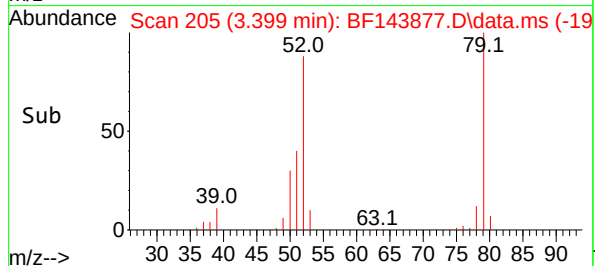
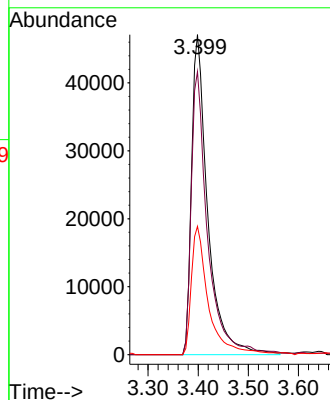
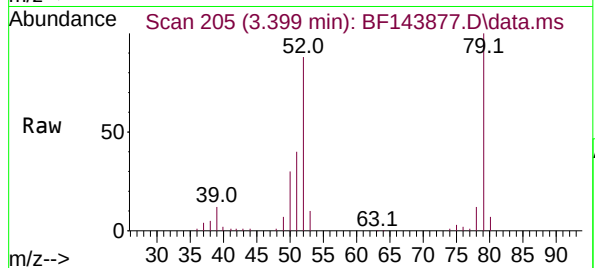
Tgt Ion: 79 Resp: 105800

Ion Ratio Lower Upper

79 100

52 88.4 71.5 107.3

51 40.1 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 8.818 ng

RT: 3.322 min Scan# 192

Delta R.T. -0.065 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

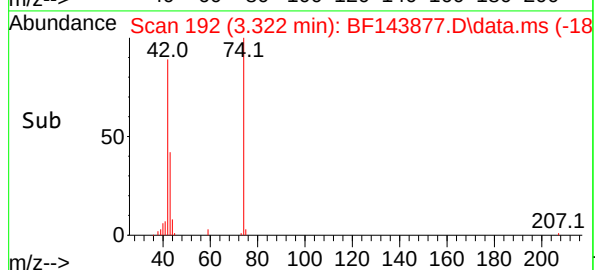
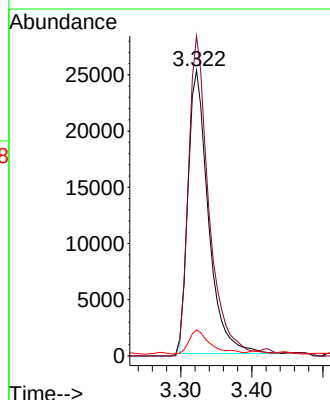
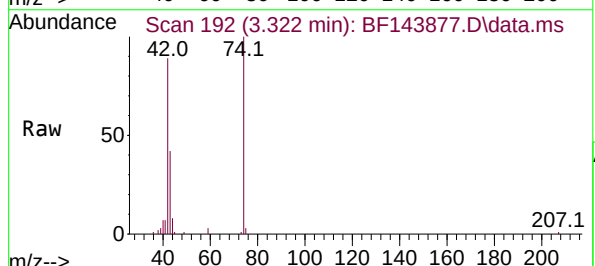
Tgt Ion: 42 Resp: 49793

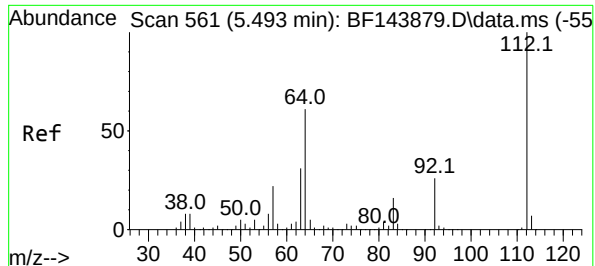
Ion Ratio Lower Upper

42 100

74 112.1 90.0 135.0

44 9.1 6.2 9.2

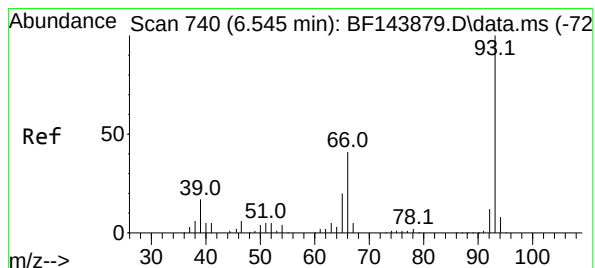
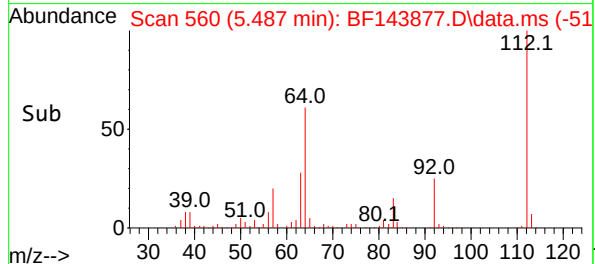
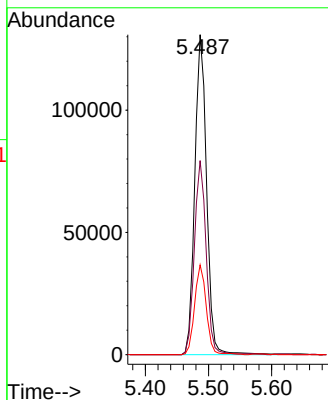
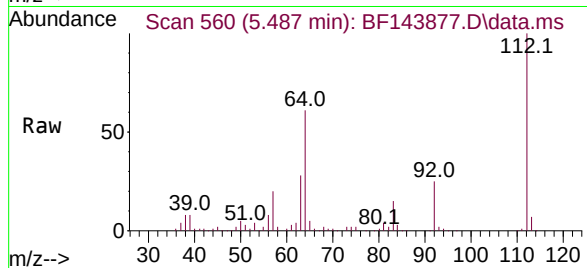




#5
2-Fluorophenol
Concen: 21.422 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

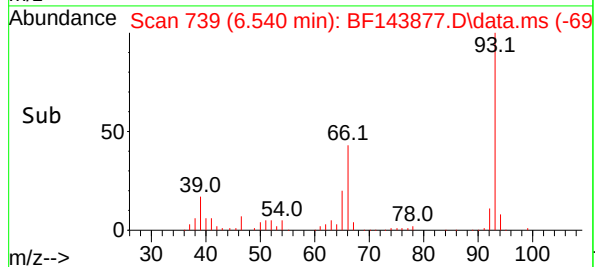
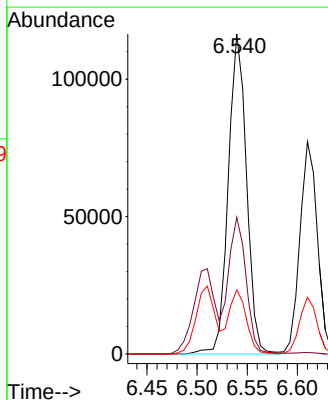
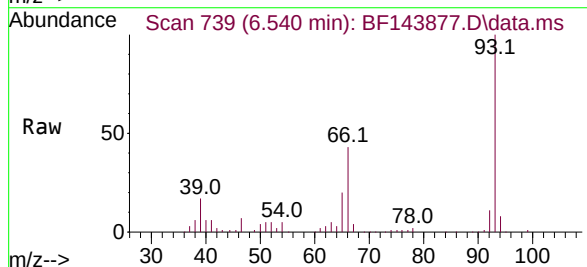
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

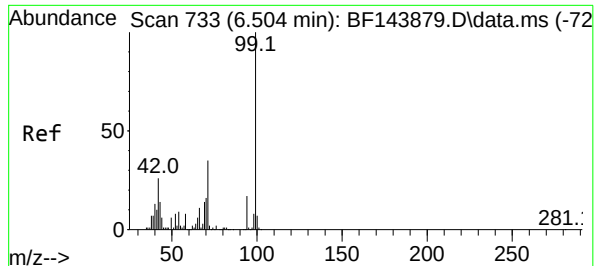
Tgt Ion:112 Resp: 170697
Ion Ratio Lower Upper
112 100
64 60.6 49.1 73.7
63 28.0 24.5 36.7



#6
Aniline
Concen: 10.344 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 93 Resp: 147222
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.6
65 20.0 15.8 23.8





#7

Phenol-d6

Concen: 21.727 ng

RT: 6.493 min Scan# 731

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

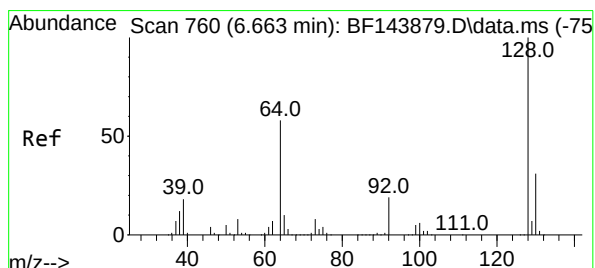
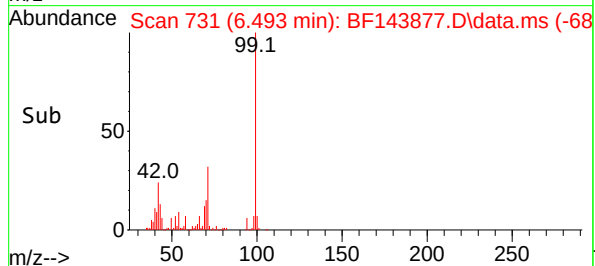
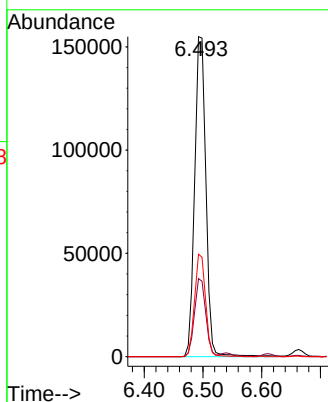
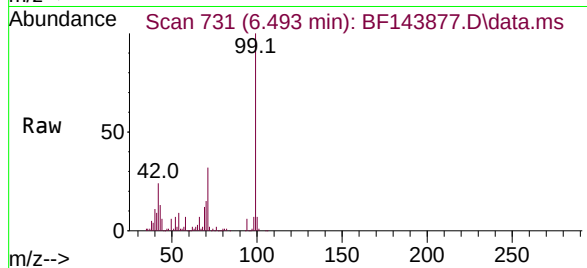
Tgt Ion: 99 Resp: 206358

Ion Ratio Lower Upper

99 100

42 24.4 21.0 31.4

71 32.0 27.8 41.8



#8

2-Chlorophenol

Concen: 9.983 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

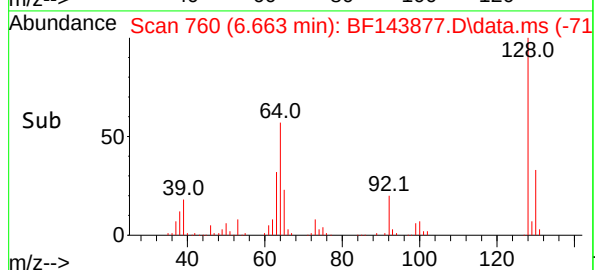
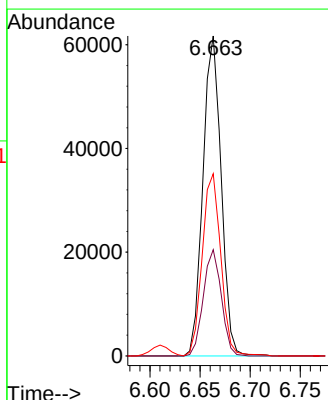
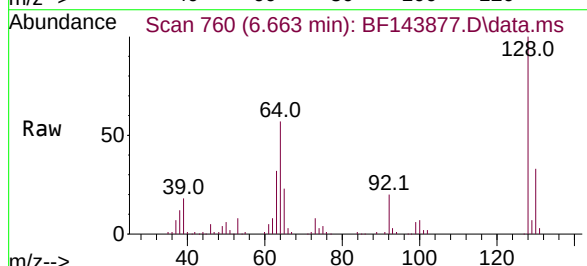
Tgt Ion: 128 Resp: 77754

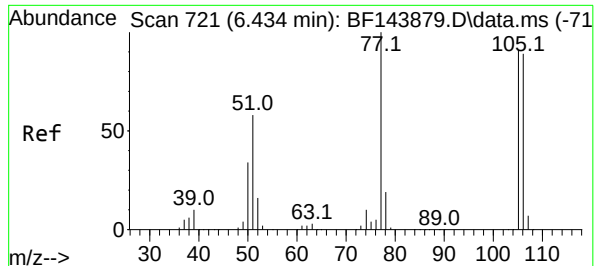
Ion Ratio Lower Upper

128 100

130 33.2 10.7 50.7

64 56.9 39.0 79.0





#9

Benzaldehyde

Concen: 9.629 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

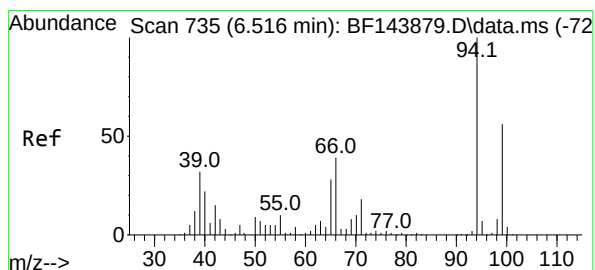
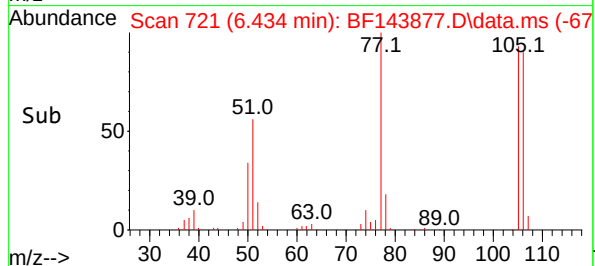
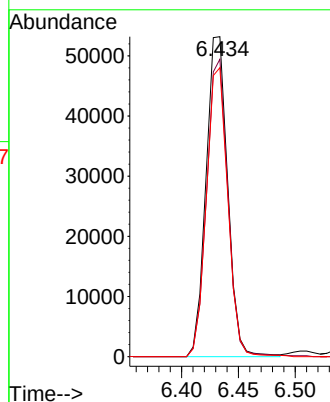
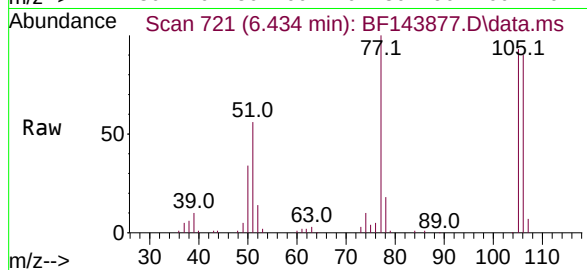
Tgt Ion: 77 Resp: 70546

Ion Ratio Lower Upper

77 100

105 92.9 70.9 110.9

106 90.3 68.9 108.9



#10

Phenol

Concen: 10.109 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

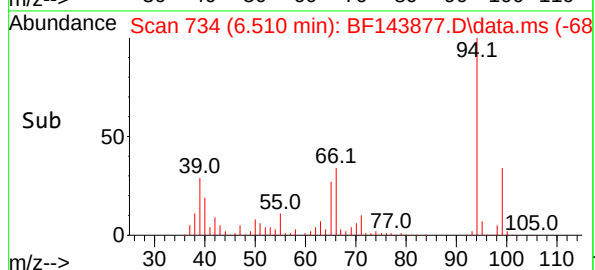
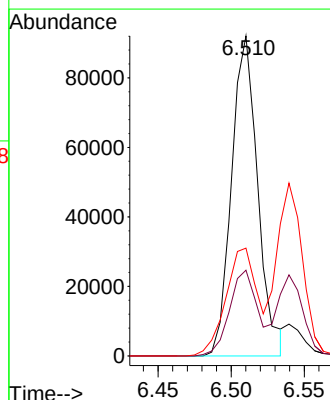
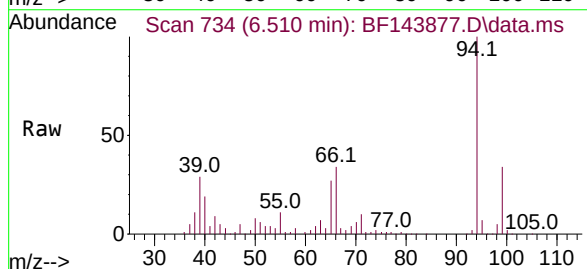
Tgt Ion: 94 Resp: 114780

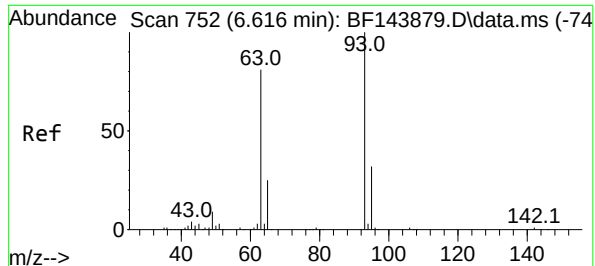
Ion Ratio Lower Upper

94 100

65 26.8 8.5 48.5

66 33.7 19.9 59.9

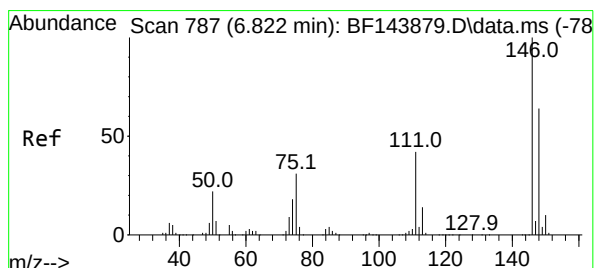
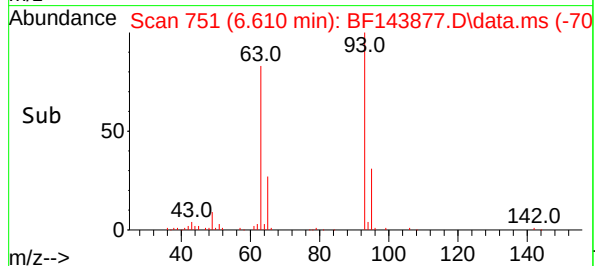
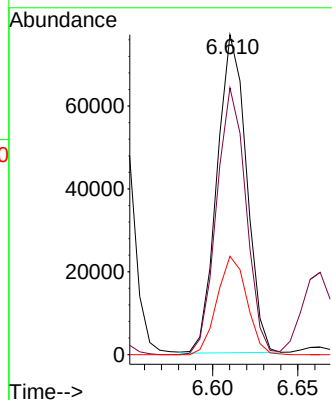
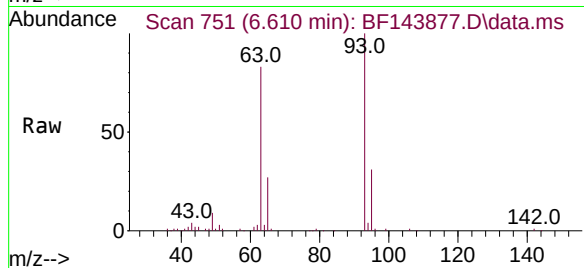




#11
bis(2-Chloroethyl)ether
Concen: 10.513 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

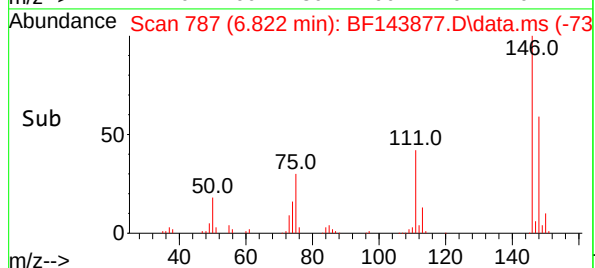
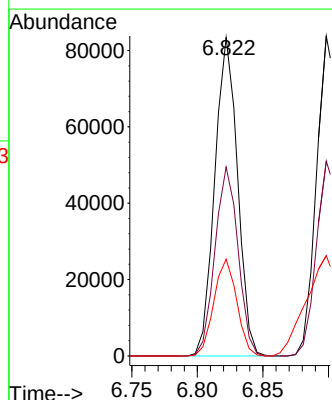
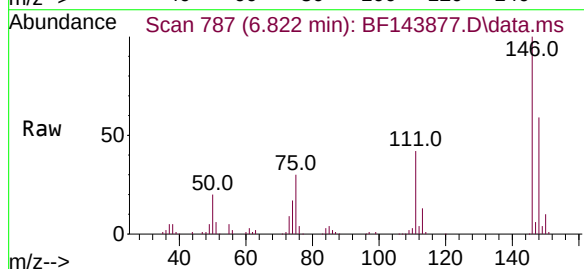
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

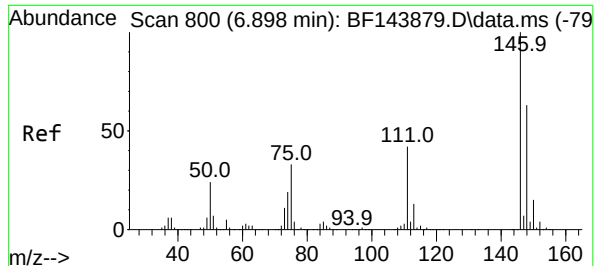
Tgt Ion: 93 Resp: 92208
Ion Ratio Lower Upper
93 100
63 83.4 60.9 100.9
95 30.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 10.793 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 146 Resp: 100630
Ion Ratio Lower Upper
146 100
148 59.3 51.0 76.4
75 30.4 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 11.046 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

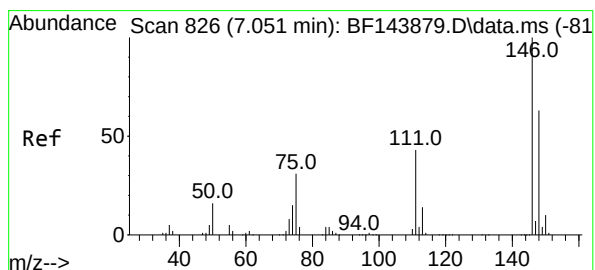
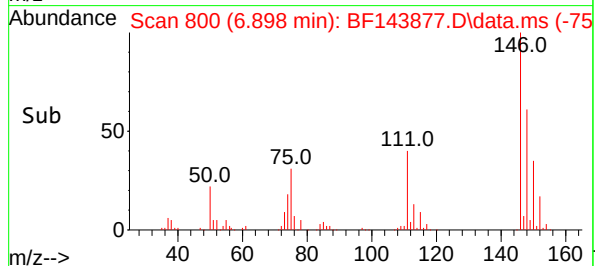
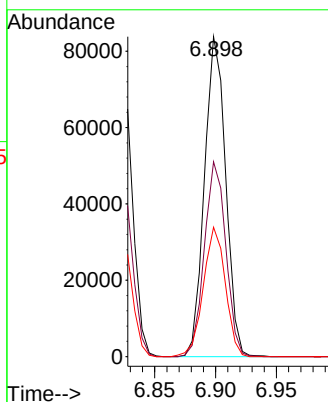
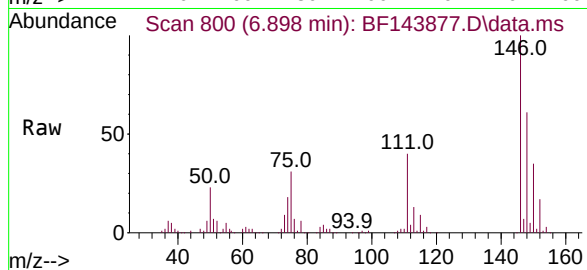
Tgt Ion:146 Resp: 101588

Ion Ratio Lower Upper

146 100

148 60.9 50.5 75.7

111 40.4 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 10.824 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

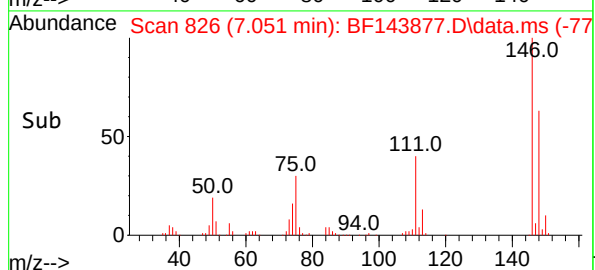
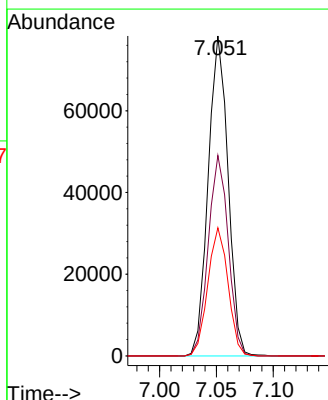
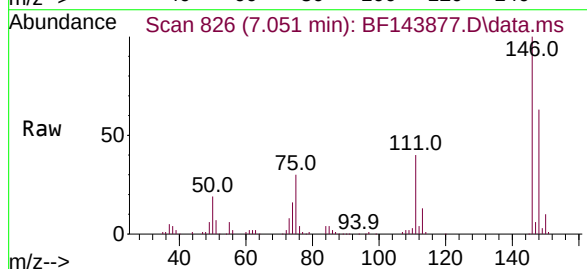
Tgt Ion:146 Resp: 95345

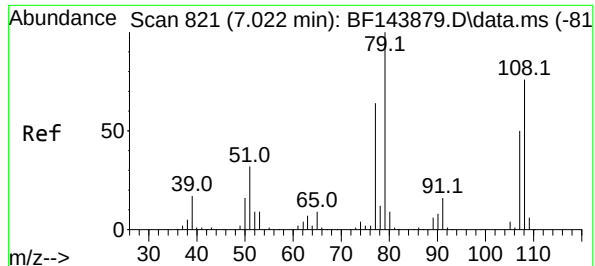
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

111 40.0 34.6 51.8

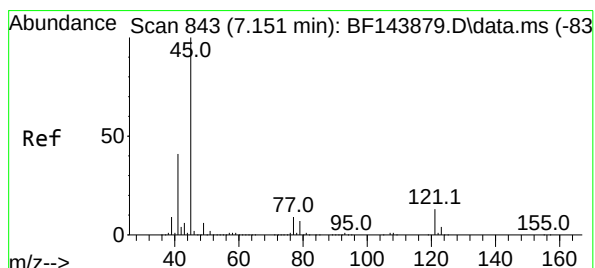
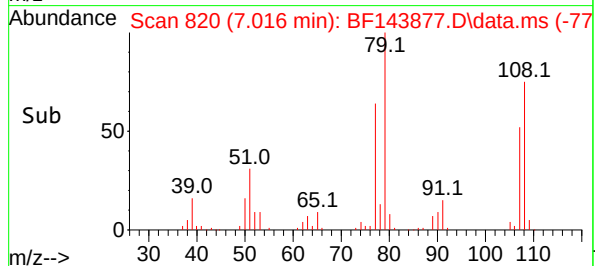
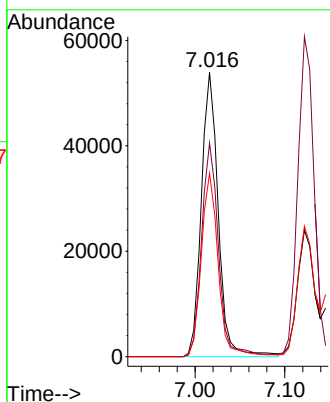
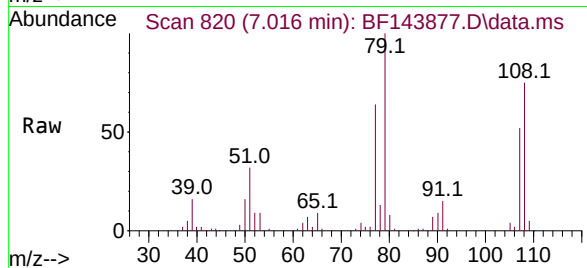




#15
Benzyl Alcohol
Concen: 9.943 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

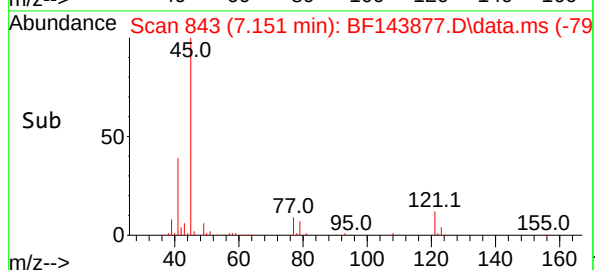
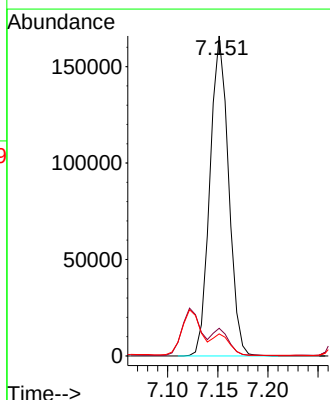
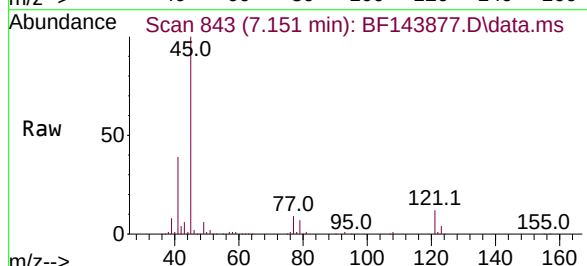
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

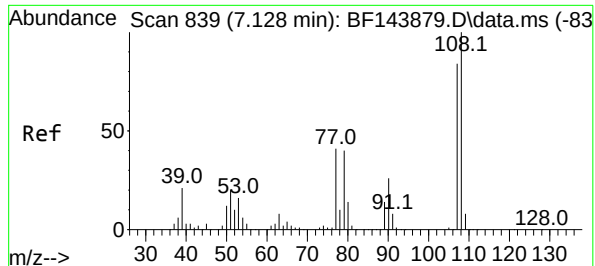
Tgt Ion: 79 Resp: 70756
Ion Ratio Lower Upper
79 100
108 75.1 60.8 91.2
77 64.5 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 10.728 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

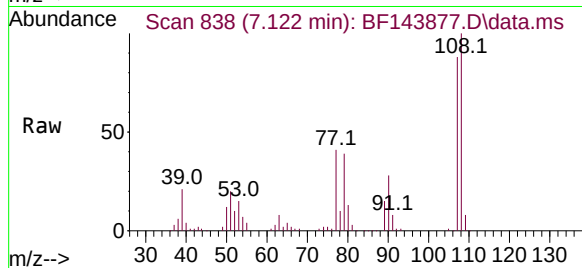
Tgt Ion: 45 Resp: 214183
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.0
79 6.9 0.0 26.8



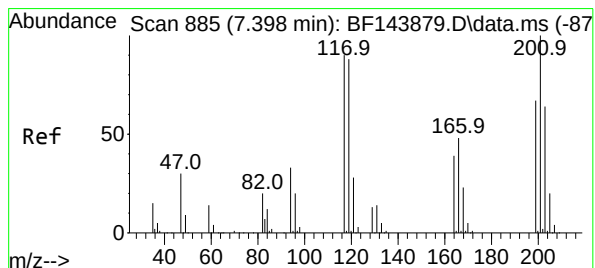
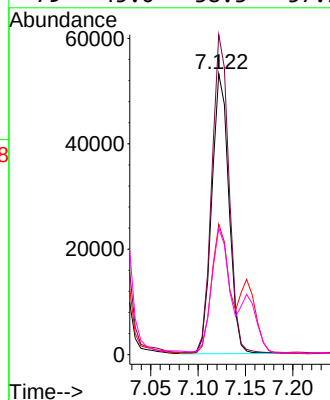
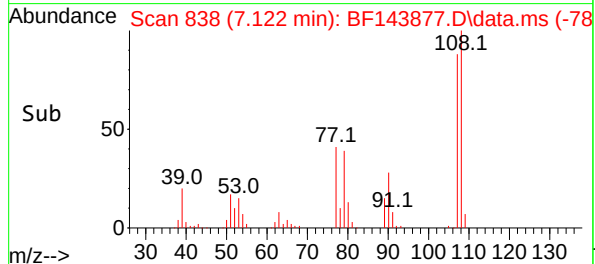


#17
2-Methylphenol
Concen: 10.389 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

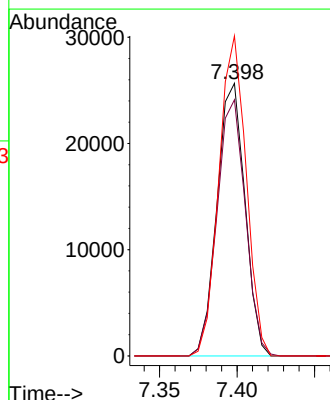
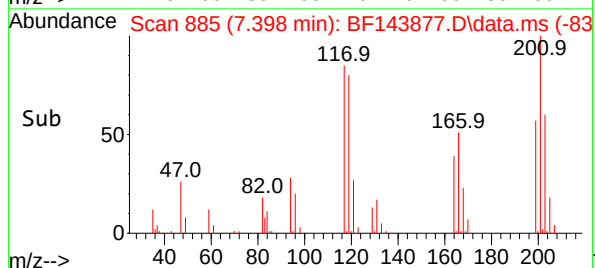
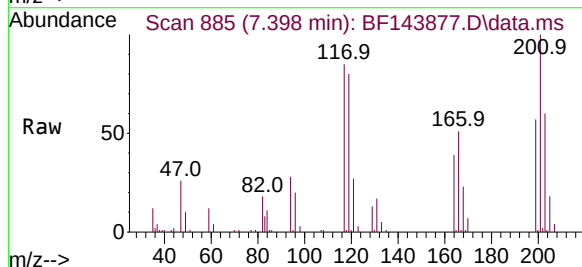


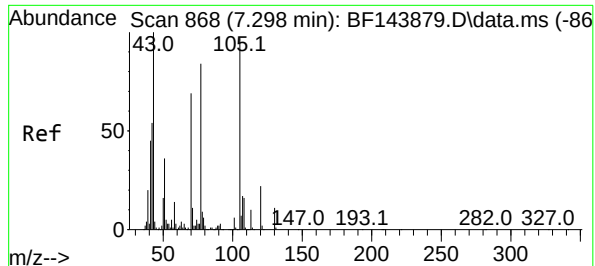
Tgt Ion:	107	Resp:	66872
Ion	Ratio	Lower	Upper
107	100		
108	113.9	94.7	142.1
77	46.4	38.8	58.2
79	45.0	38.3	57.5



#18
Hexachloroethane
Concen: 10.486 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:	117	Resp:	32160
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.8	116.8
201	117.4	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 11.034 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 71731

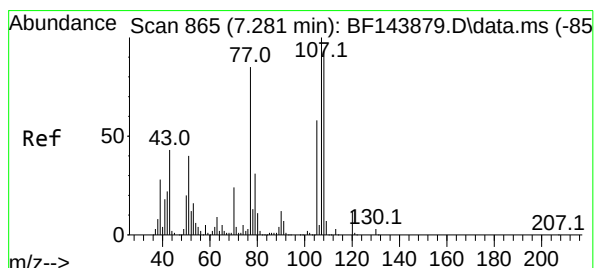
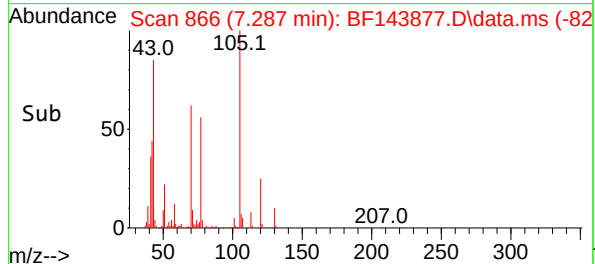
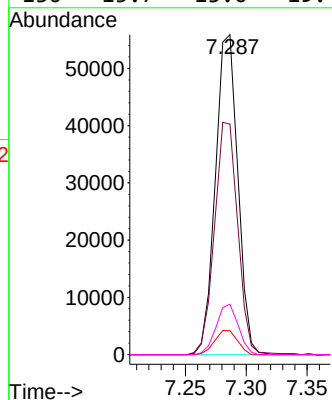
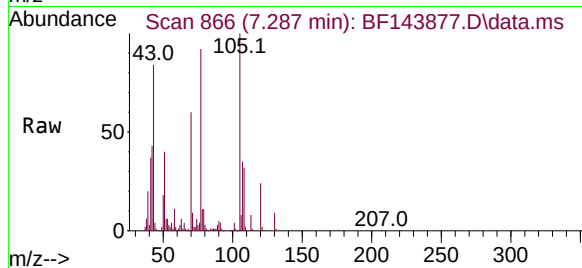
Ion Ratio Lower Upper

70 100

42 72.0 62.8 94.2

101 7.5 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 11.881 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion: 107 Resp: 88634

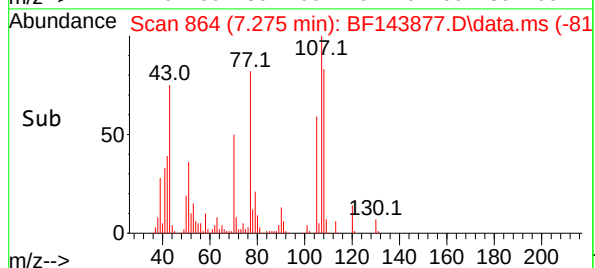
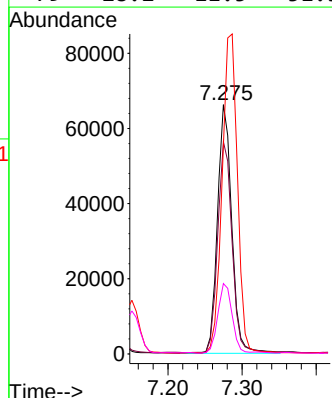
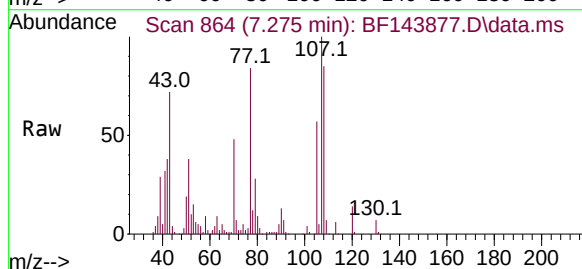
Ion Ratio Lower Upper

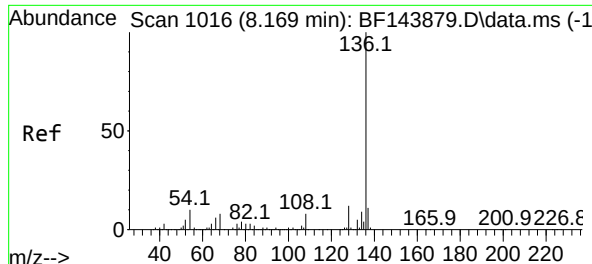
107 100

108 85.2 73.0 113.0

77 83.5 64.6 104.6

79 28.2 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 493548

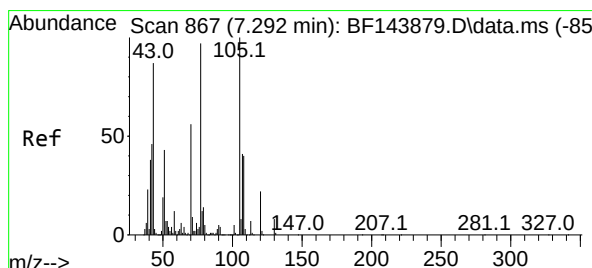
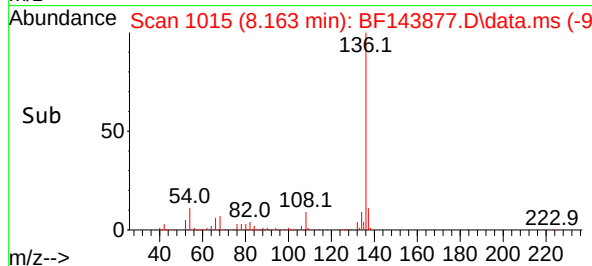
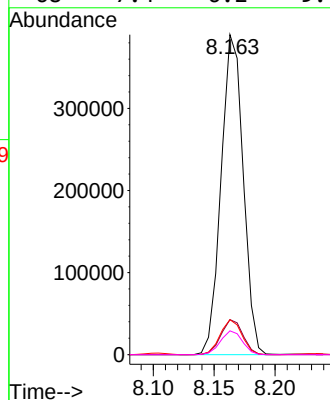
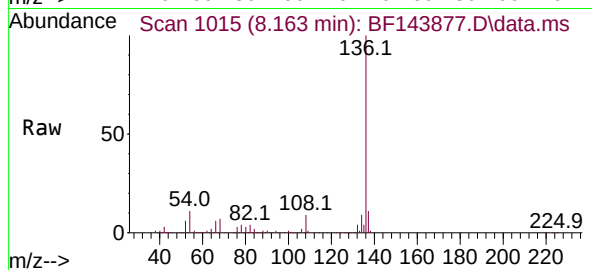
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.0 8.2 12.4

68 7.4 6.2 9.4



#22

Acetophenone

Concen: 10.900 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:105 Resp: 113751

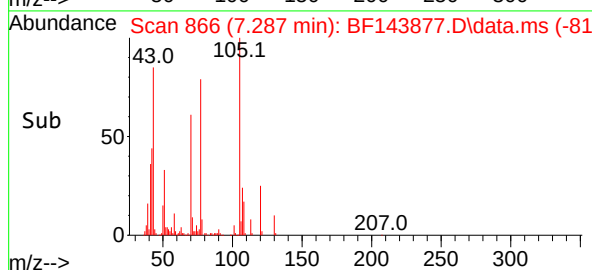
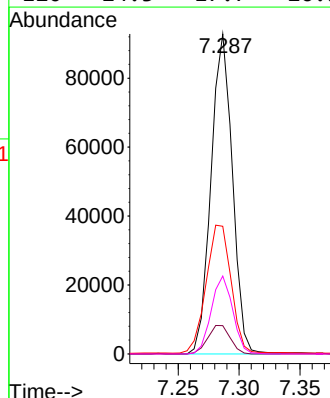
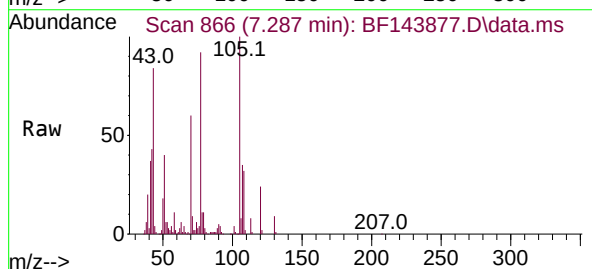
Ion Ratio Lower Upper

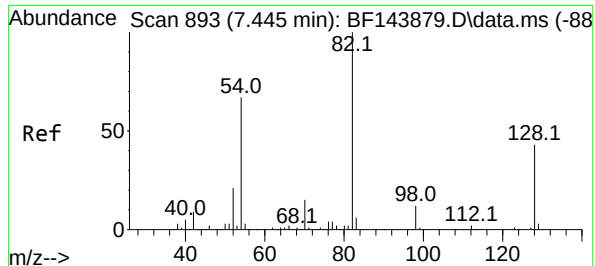
105 100

71 8.8 7.4 11.0

51 39.9 34.2 51.4

120 24.3 17.7 26.5

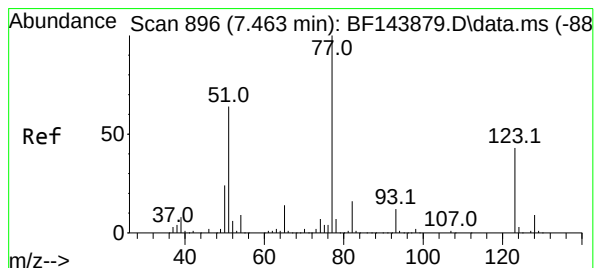
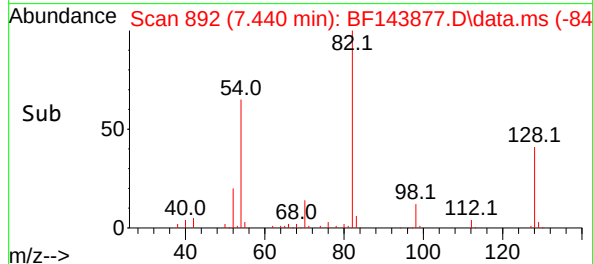
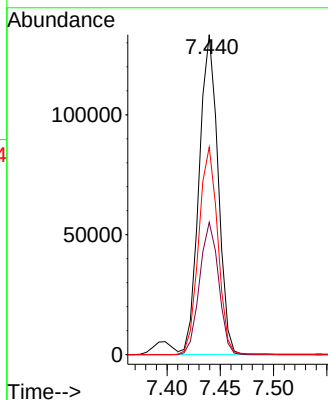
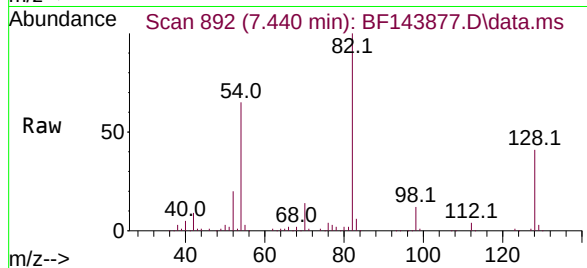




#23
Nitrobenzene-d5
Concen: 20.204 ng
RT: 7.440 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

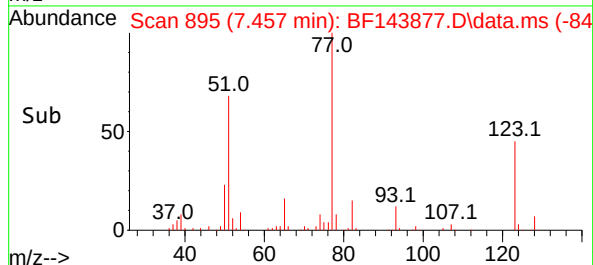
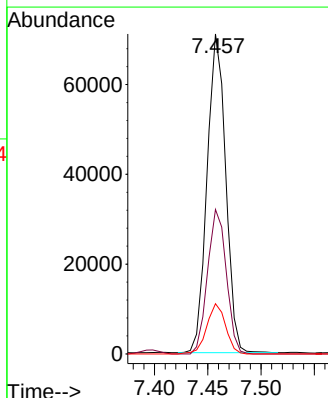
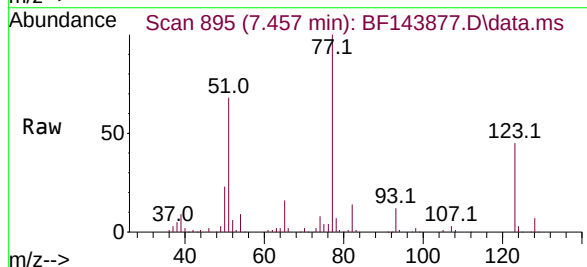
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

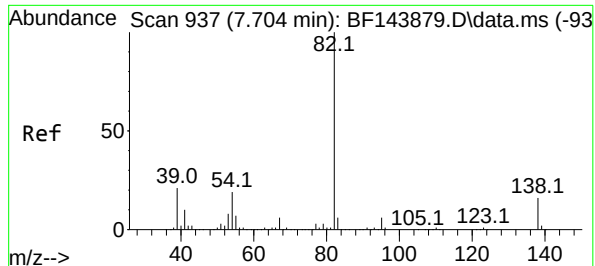
Tgt Ion: 82 Resp: 164127
Ion Ratio Lower Upper
82 100
128 41.3 34.0 51.0
54 64.9 53.2 79.8



#24
Nitrobenzene
Concen: 9.558 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 77 Resp: 86228
Ion Ratio Lower Upper
77 100
123 45.1 34.2 51.4
65 15.7 11.0 16.6

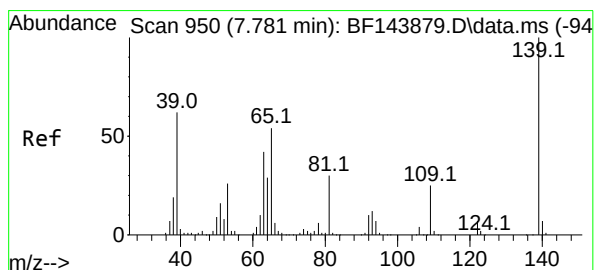
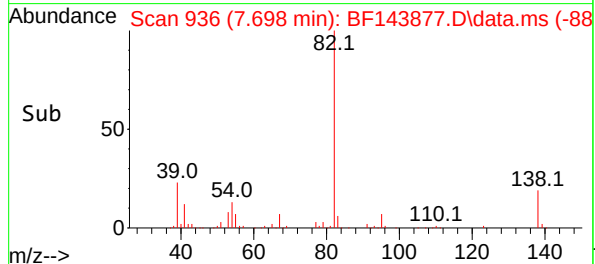
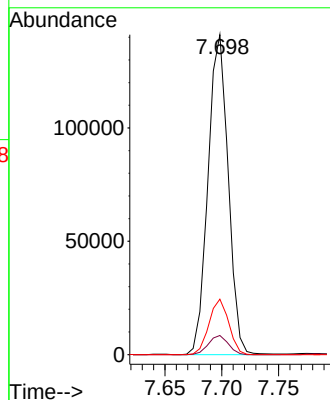
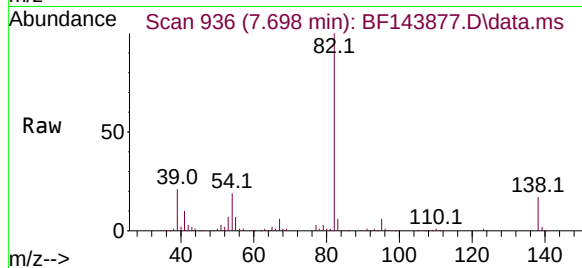




#25
Isophorone
Concen: 10.203 ng
RT: 7.698 min Scan# 937
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

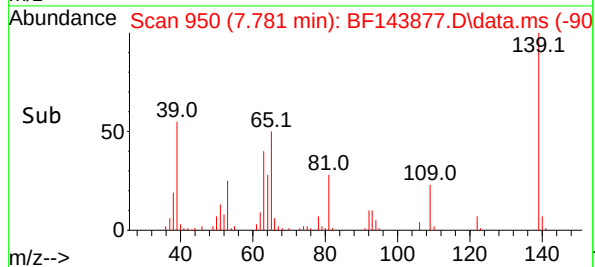
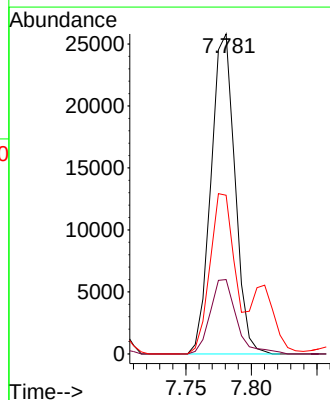
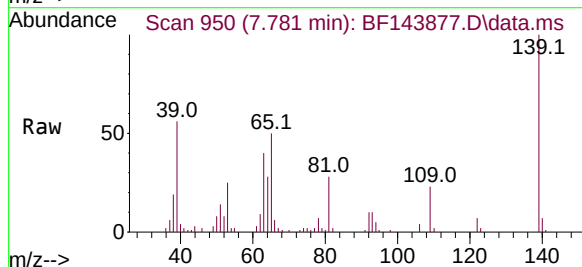
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

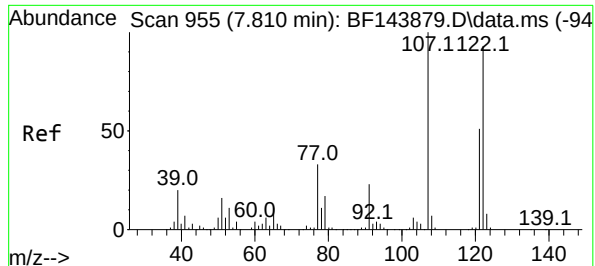
Tgt Ion: 82 Resp: 174767
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 17.3 12.9 19.3



#26
2-Nitrophenol
Concen: 8.477 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 139 Resp: 32787
Ion Ratio Lower Upper
139 100
109 23.2 19.8 29.6
65 49.6 42.9 64.3

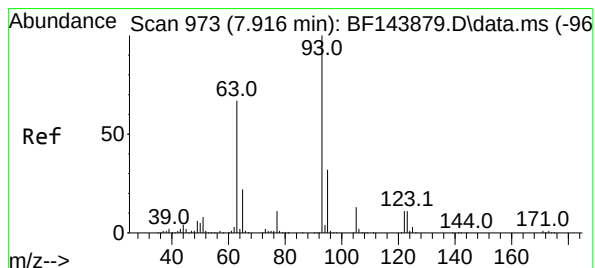
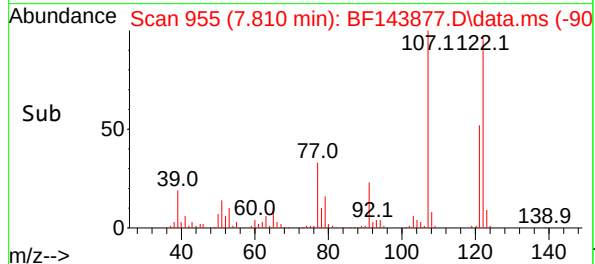
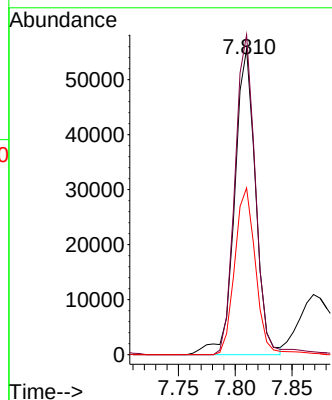
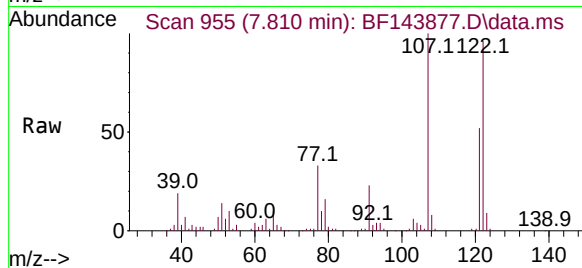




#27
2,4-Dimethylphenol
Concen: 10.199 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

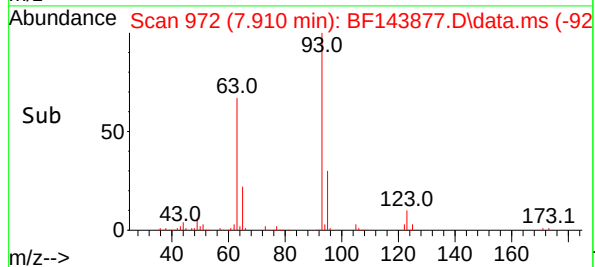
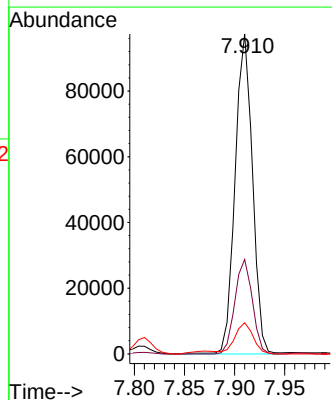
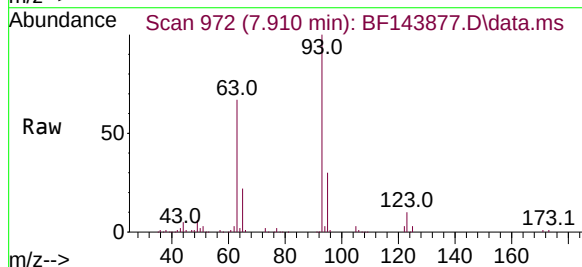
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

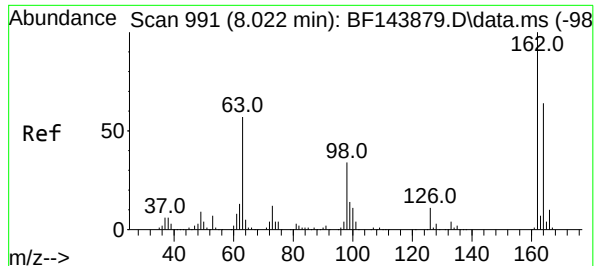
Tgt Ion	Ratio	Lower	Upper
122	100		
107	104.7	86.1	129.1
121	54.5	43.8	65.6



#28
bis(2-Chloroethoxy)methane
Concen: 10.804 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.5	25.9	38.9
123	9.7	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 9.954 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

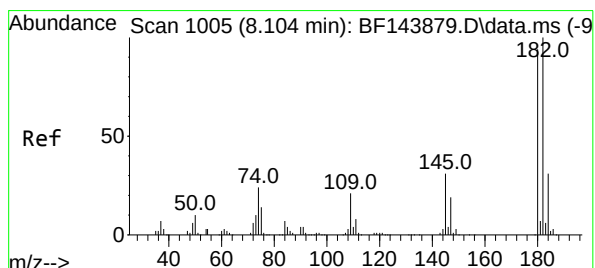
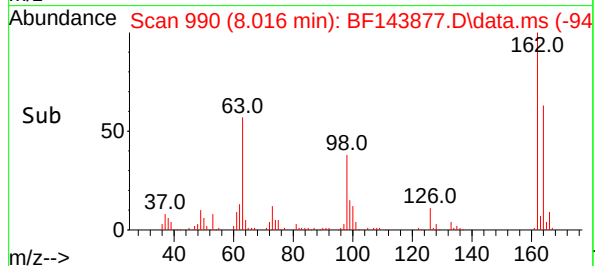
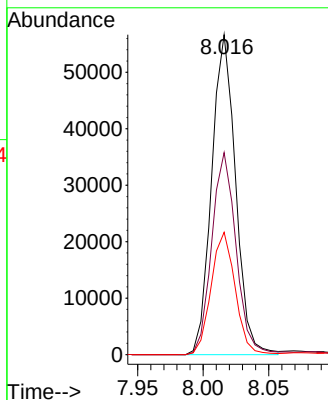
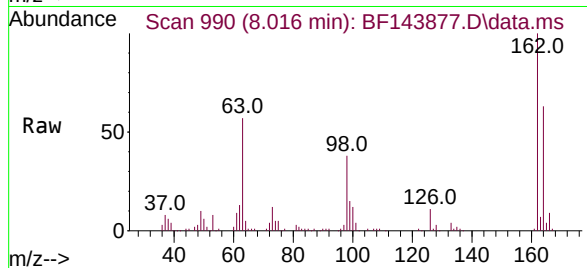
Tgt Ion:162 Resp: 72141

Ion Ratio Lower Upper

162 100

164 63.1 43.9 83.9

98 38.2 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 10.336 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

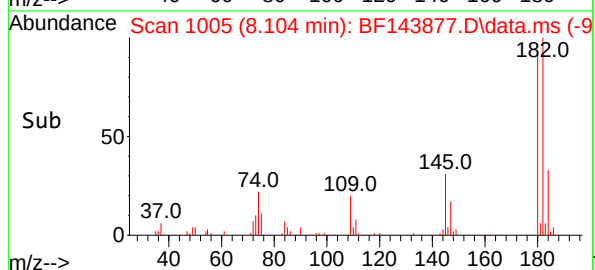
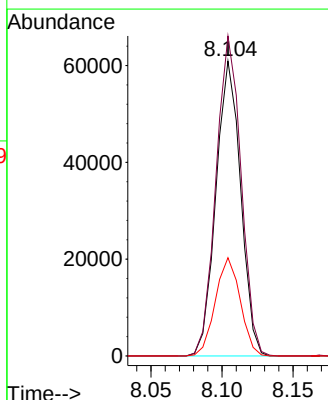
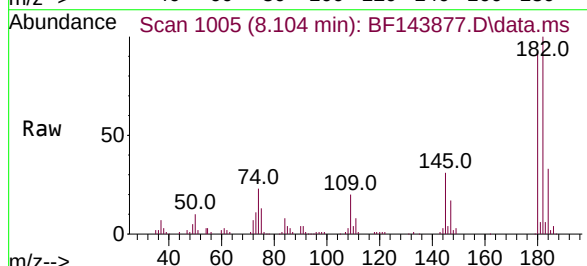
Tgt Ion:180 Resp: 73668

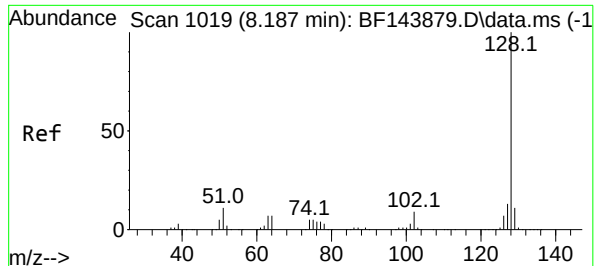
Ion Ratio Lower Upper

180 100

182 108.6 85.4 128.0

145 33.3 26.3 39.5





#31

Naphthalene

Concen: 10.951 ng

RT: 8.187 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

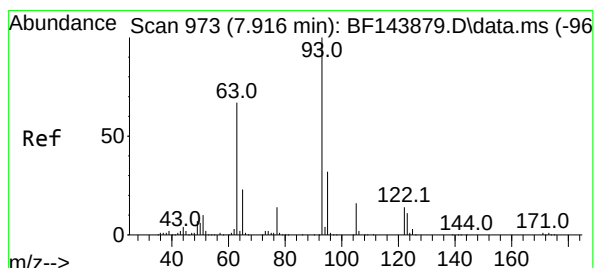
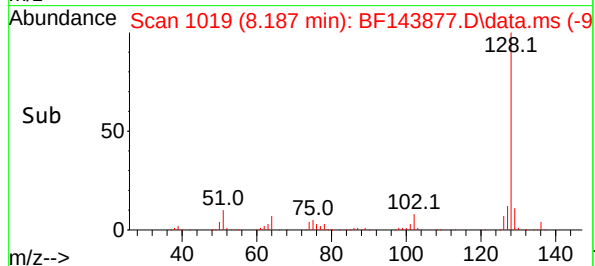
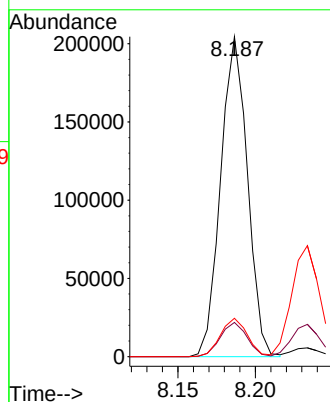
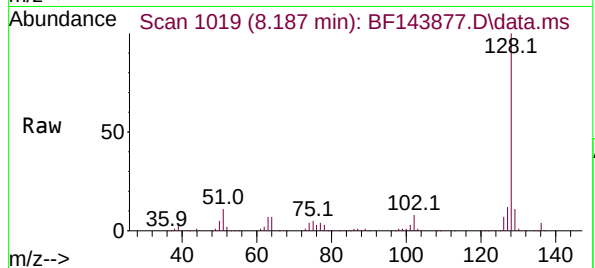
Tgt Ion:128 Resp: 245857

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 12.0 10.0 15.0



#32

Benzoic acid

Concen: 6.721 ng m

RT: 7.869 min Scan# 965

Delta R.T. -0.094 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

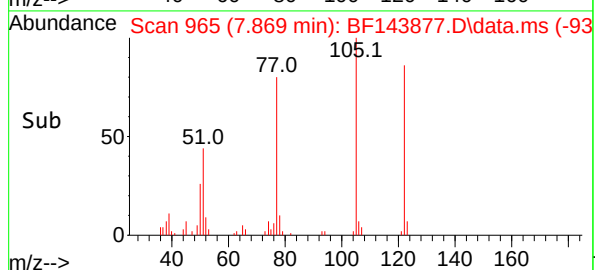
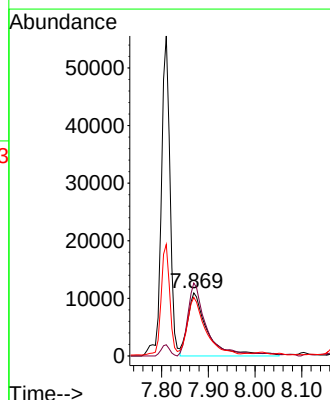
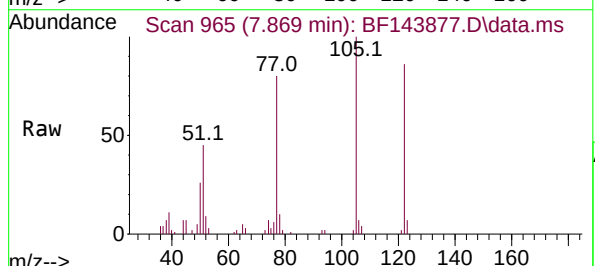
Tgt Ion:122 Resp: 32361

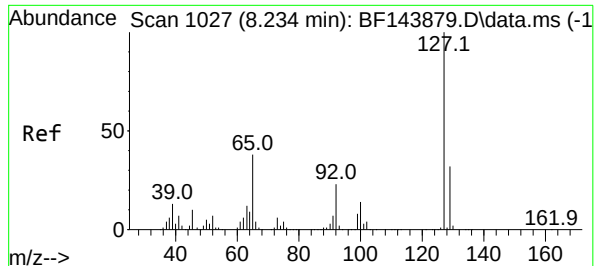
Ion Ratio Lower Upper

122 100

105 115.7 93.5 133.5

77 92.9 76.3 116.3

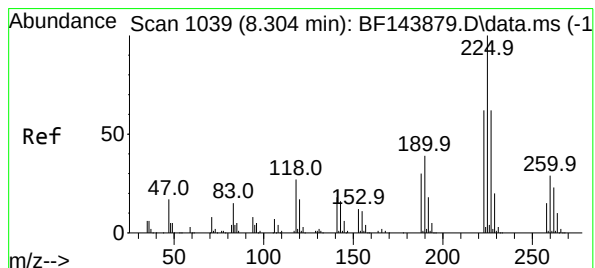
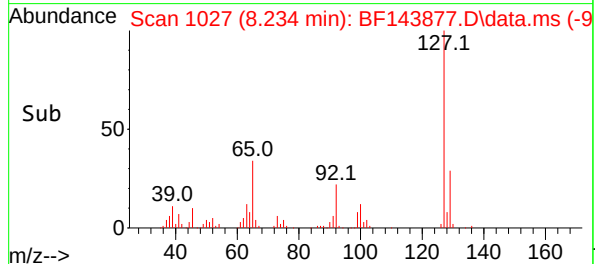
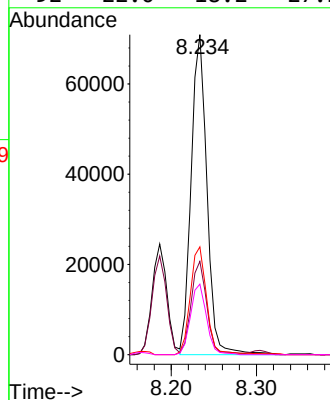
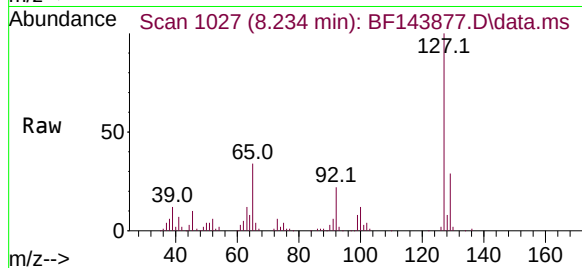




#33
4-Chloroaniline
Concen: 10.842 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

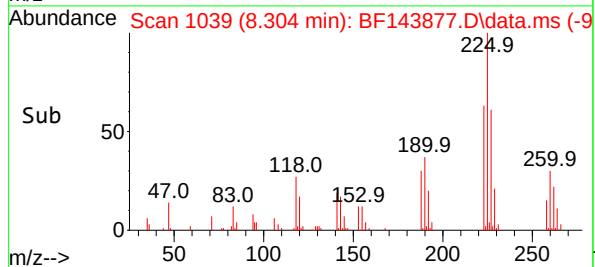
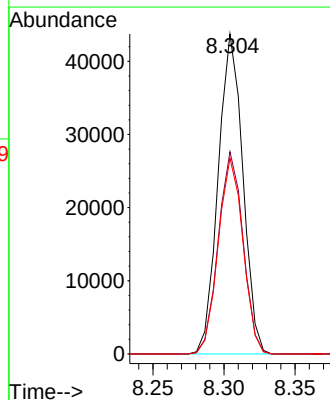
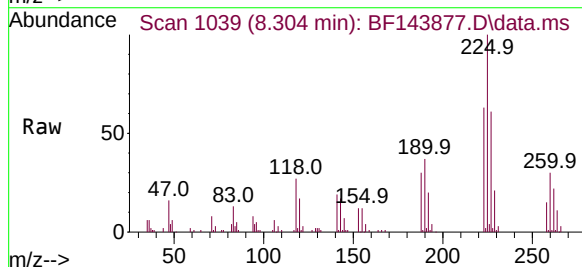
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

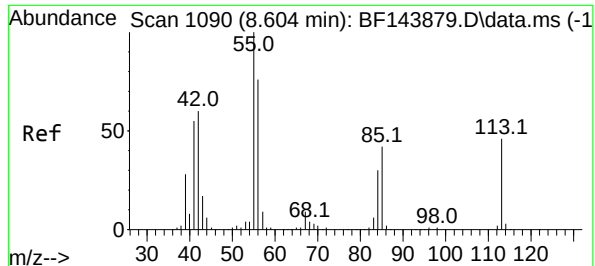
Tgt Ion:	127	Resp:	91294
Ion	Ratio	Lower	Upper
127	100		
129	29.1	25.8	38.8
65	33.7	30.0	45.0
92	22.0	18.2	27.2



#34
Hexachlorobutadiene
Concen: 10.665 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:	225	Resp:	52824
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.4	74.2
227	61.1	49.7	74.5





#35

Caprolactam

Concen: 9.900 ng

RT: 8.569 min Scan# 1107

Delta R.T. -0.076 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

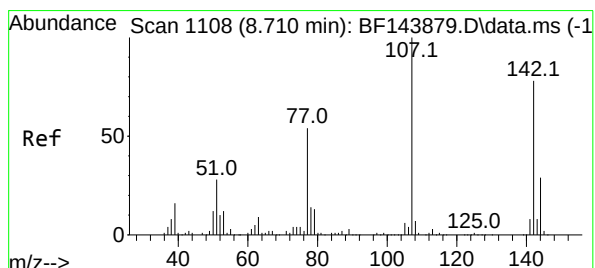
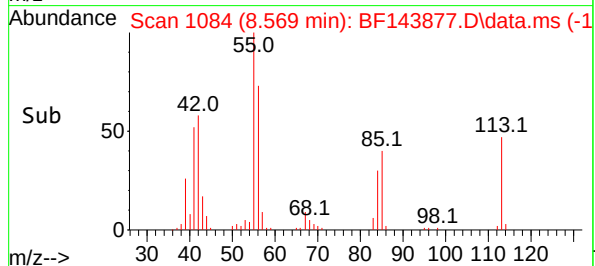
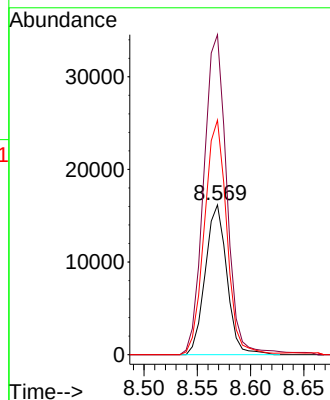
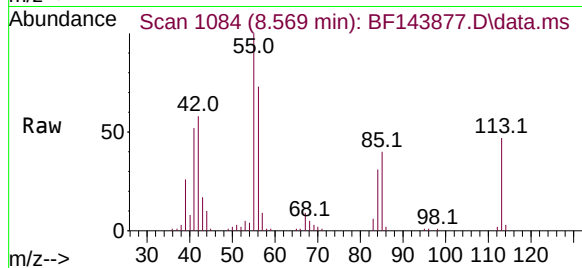
Tgt Ion:113 Resp: 22813

Ion Ratio Lower Upper

113 100

55 213.8 199.6 239.6

56 156.7 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 10.708 ng

RT: 8.704 min Scan# 1107

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

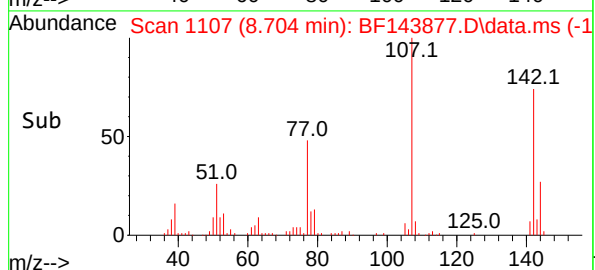
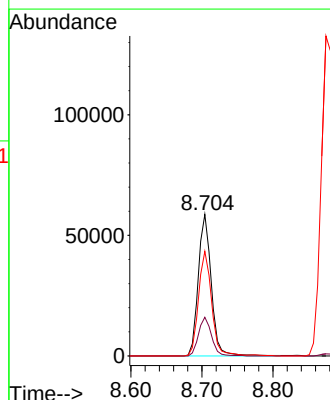
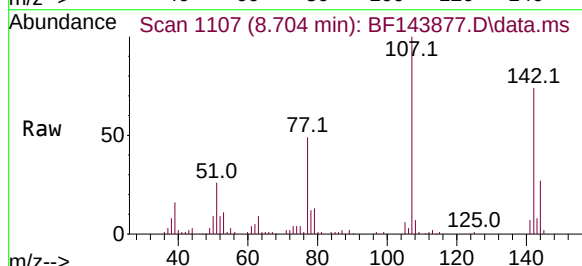
Tgt Ion:107 Resp: 74546

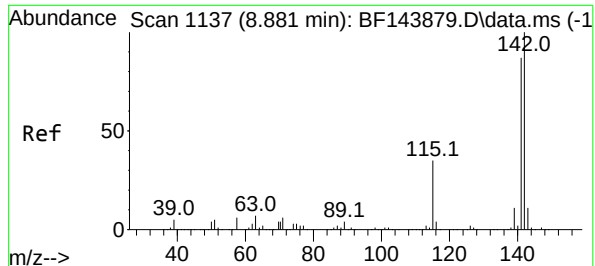
Ion Ratio Lower Upper

107 100

144 27.3 23.1 34.7

142 74.0 62.6 94.0





#37

2-Methylnaphthalene

Concen: 11.272 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

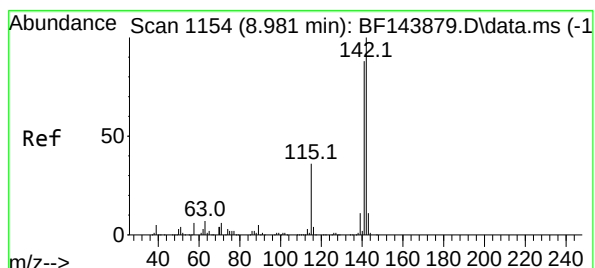
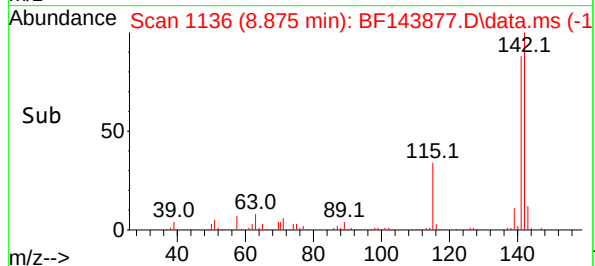
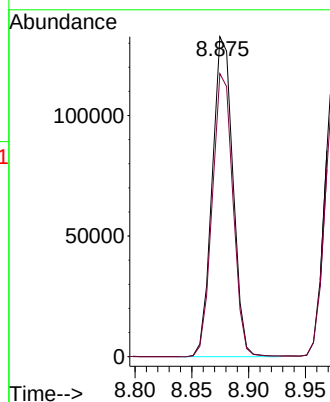
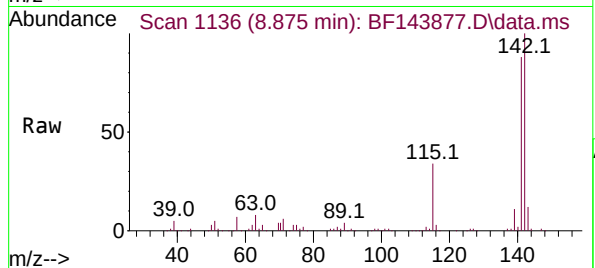
SSTDICC010

Tgt Ion:142 Resp: 168581

Ion Ratio Lower Upper

142 100

141 88.4 69.2 103.8



#38

1-Methylnaphthalene

Concen: 11.160 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143877.D

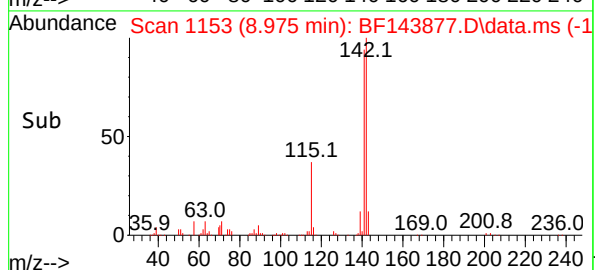
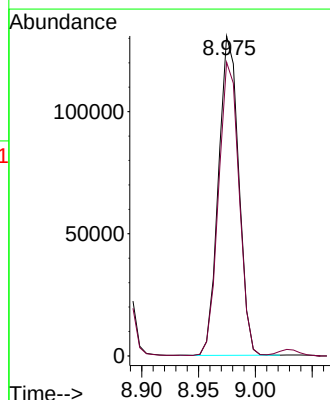
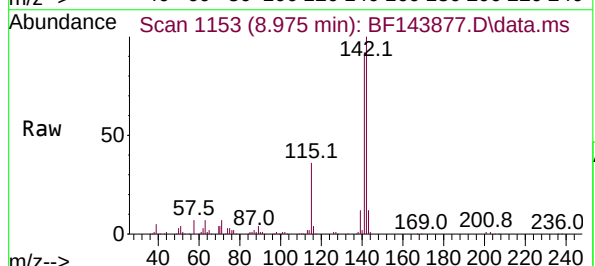
Acq: 06 Oct 2025 10:57

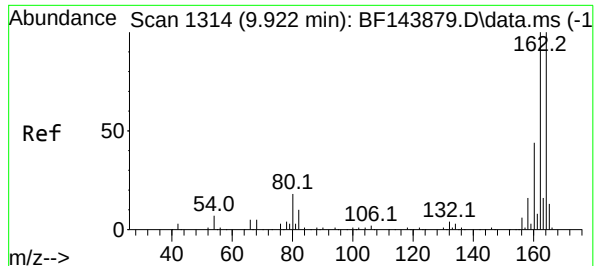
Tgt Ion:142 Resp: 161895

Ion Ratio Lower Upper

142 100

141 91.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

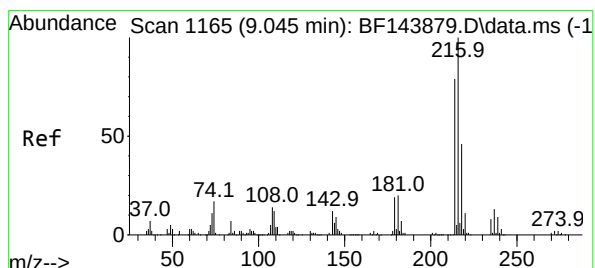
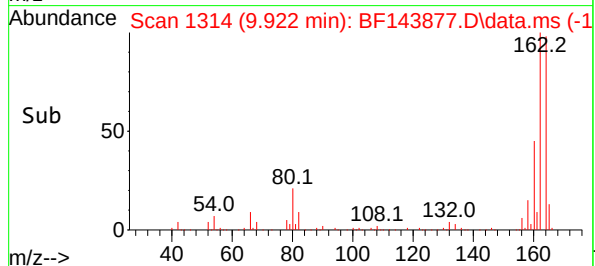
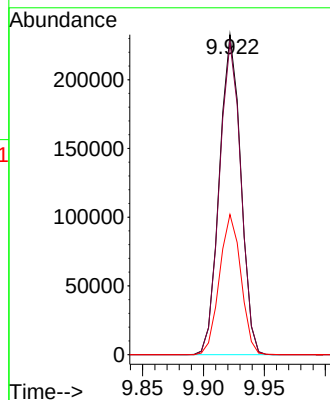
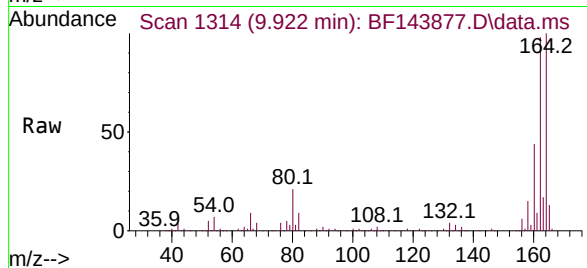
Tgt Ion:164 Resp: 283821

Ion Ratio Lower Upper

164 100

162 97.5 80.2 120.2

160 43.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.705 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Tgt Ion:216 Resp: 83972

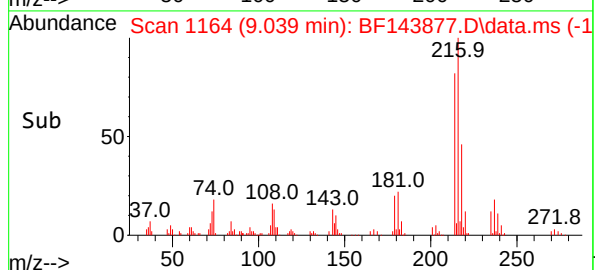
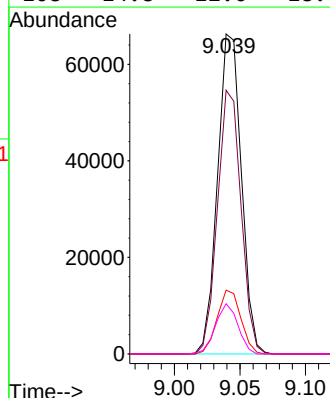
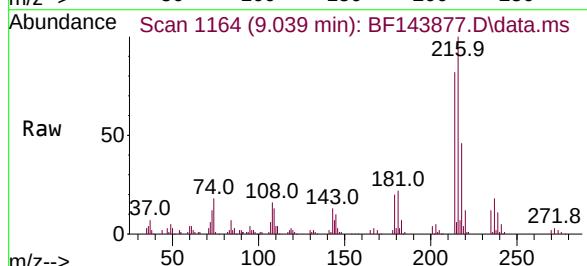
Ion Ratio Lower Upper

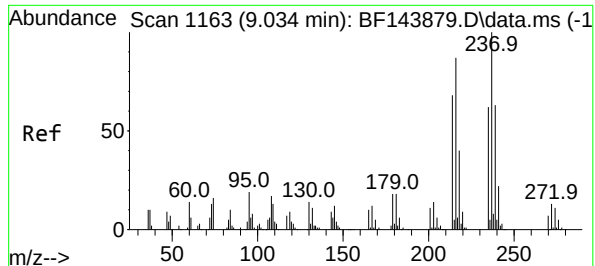
216 100

214 81.4 62.6 94.0

179 19.8 15.4 23.0

108 14.8 12.0 18.0

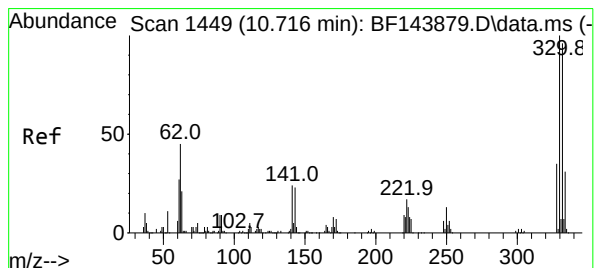
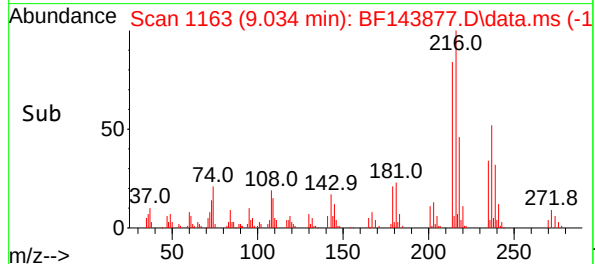
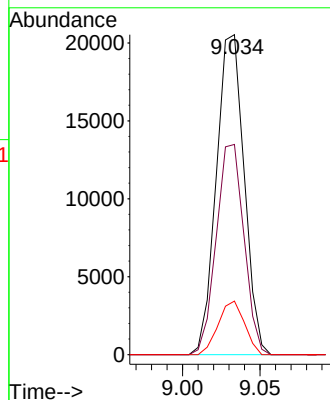
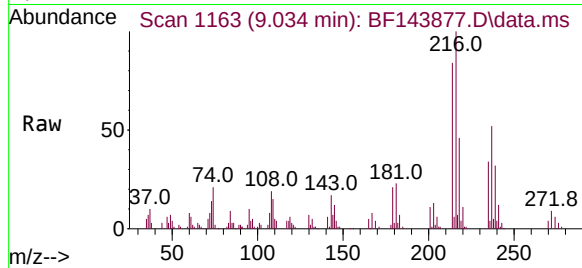




#41
Hexachlorocyclopentadiene
Concen: 7.932 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

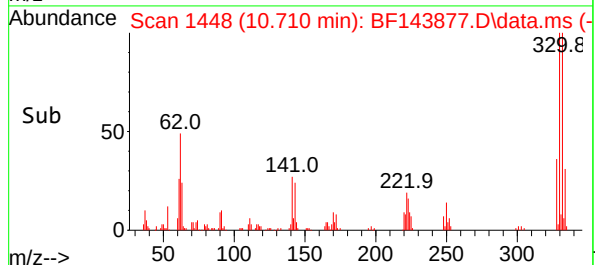
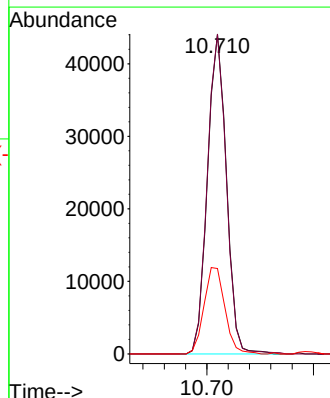
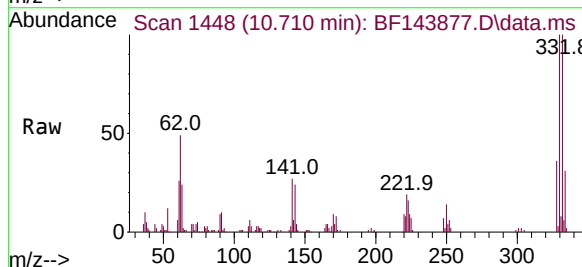
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

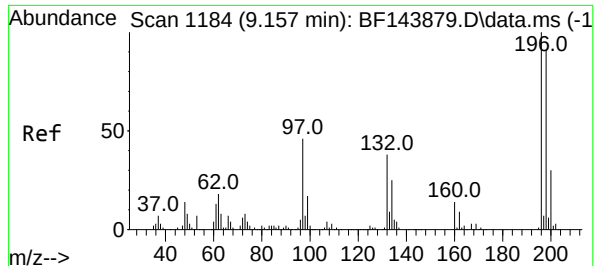
Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.7	42.3	82.3
272	16.7	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 19.262 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	100.2	76.9	115.3
141	29.7	20.2	30.4





#43

2,4,6-Trichlorophenol

Concen: 9.758 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143877.D

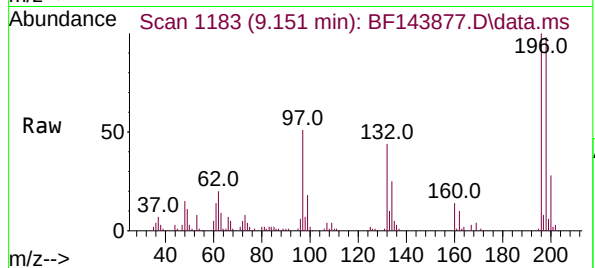
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



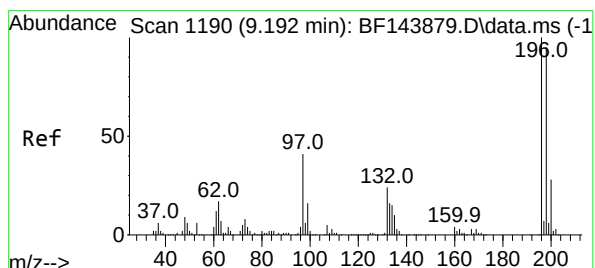
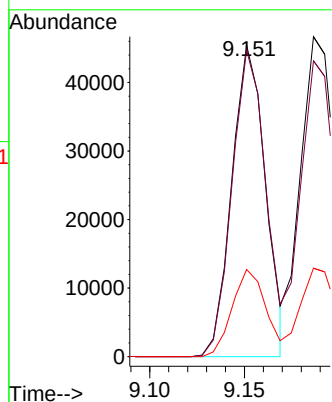
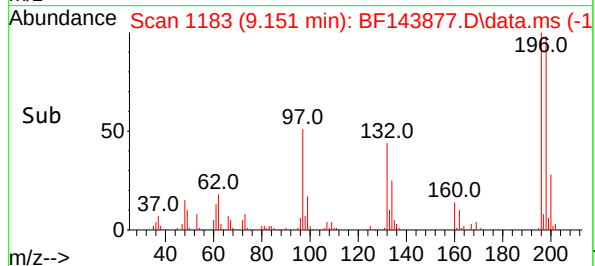
Tgt Ion:196 Resp: 55929

Ion Ratio Lower Upper

196 100

198 98.4 72.8 109.2

200 28.0 24.0 36.0



#44

2,4,5-Trichlorophenol

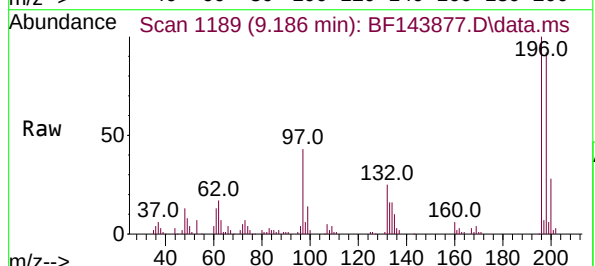
Concen: 10.407 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



Tgt Ion:196 Resp: 63036

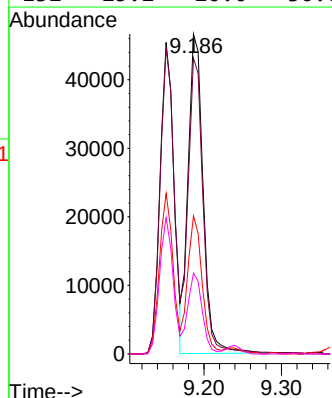
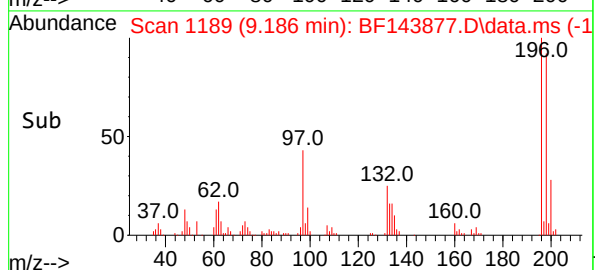
Ion Ratio Lower Upper

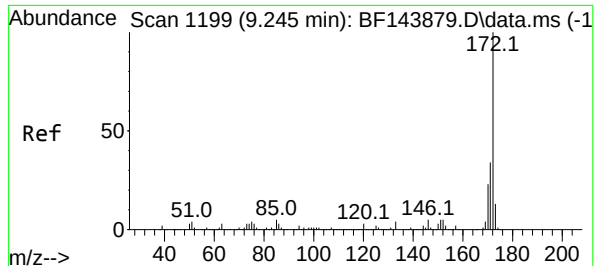
196 100

198 92.4 75.5 113.3

97 43.1 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 22.595 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

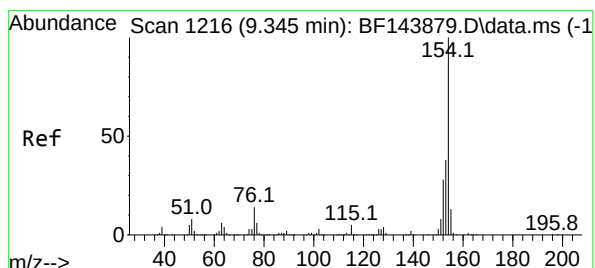
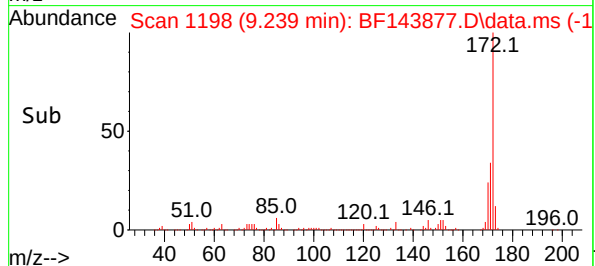
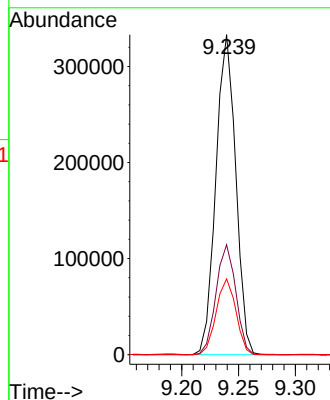
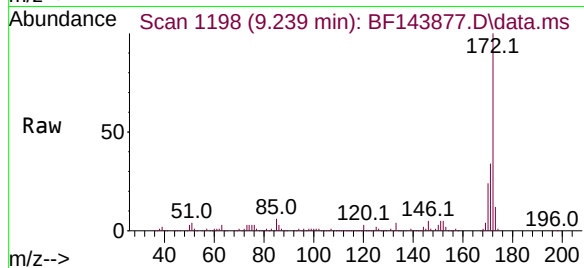
Tgt Ion:172 Resp: 404164

Ion Ratio Lower Upper

172 100

171 34.3 27.4 41.0

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 11.150 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

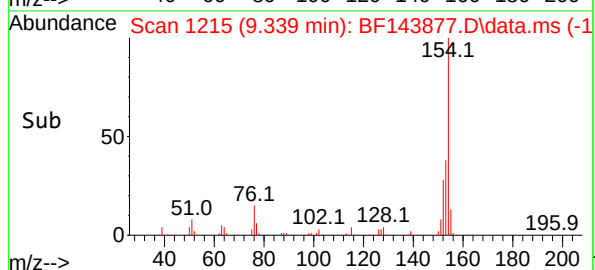
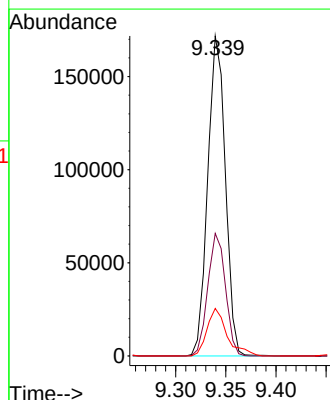
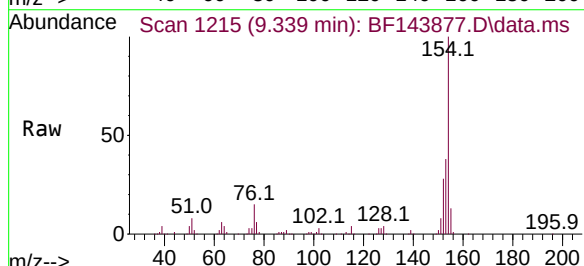
Tgt Ion:154 Resp: 209528

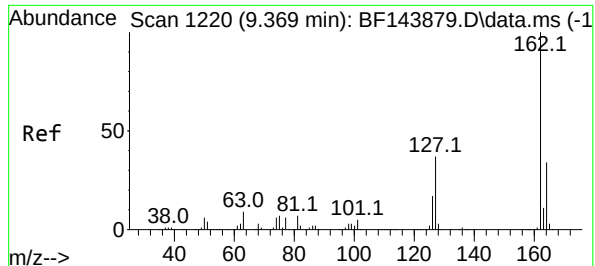
Ion Ratio Lower Upper

154 100

153 38.3 18.4 58.4

76 14.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 10.829 ng

RT: 9.363 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143877.D

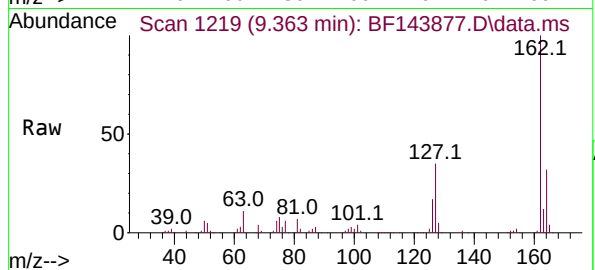
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



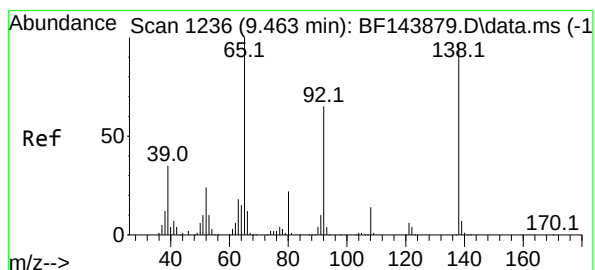
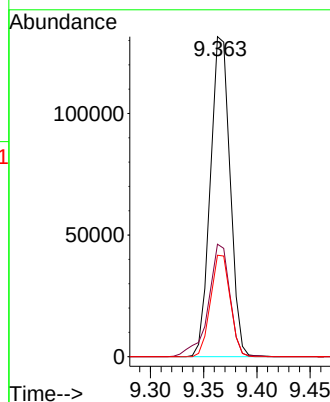
Tgt Ion:162 Resp: 169672

Ion Ratio Lower Upper

162 100

127 35.1 30.2 45.2

164 31.7 26.9 40.3



#48

2-Nitroaniline

Concen: 9.219 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

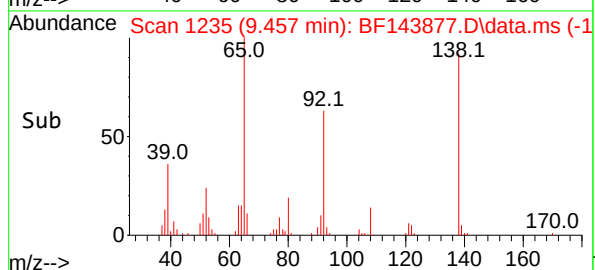
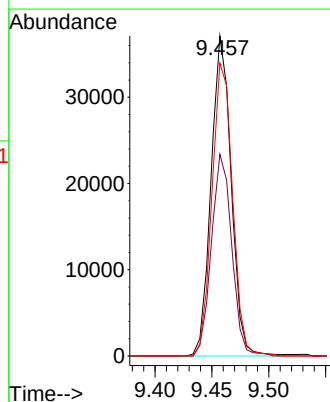
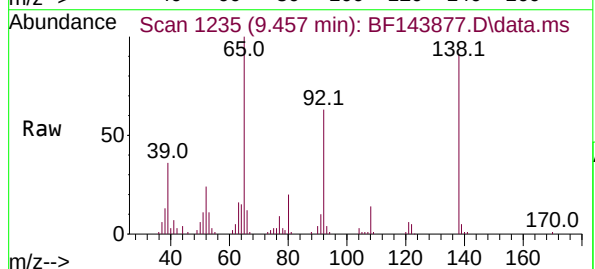
Tgt Ion: 65 Resp: 45663

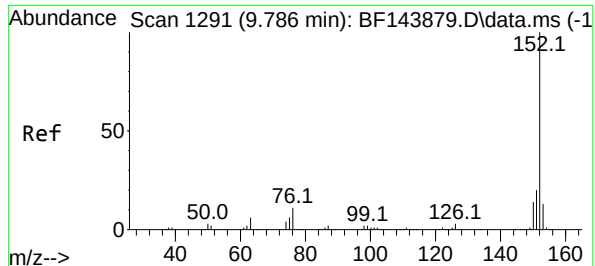
Ion Ratio Lower Upper

65 100

92 63.0 52.1 78.1

138 91.5 77.4 116.2





#49

Acenaphthylene

Concen: 10.962 ng

RT: 9.781 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

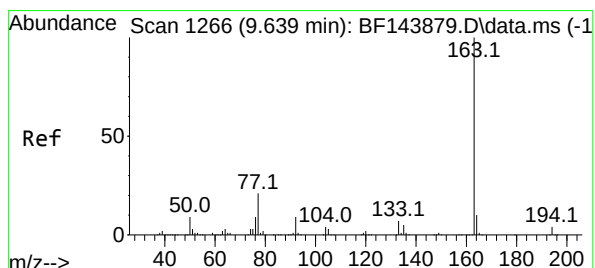
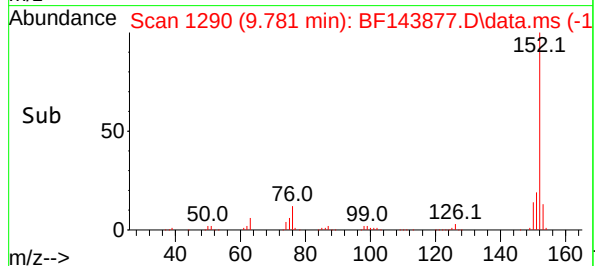
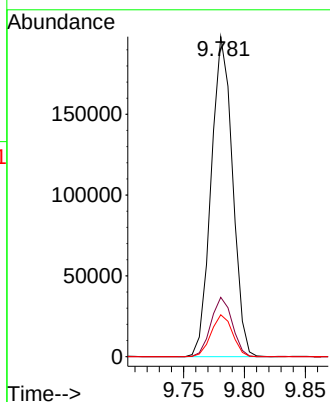
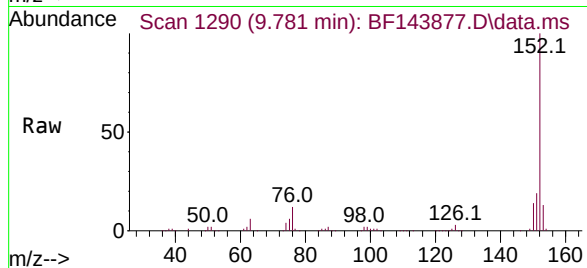
Tgt Ion:152 Resp: 241454

Ion Ratio Lower Upper

152 100

151 18.5 15.8 23.6

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 10.638 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

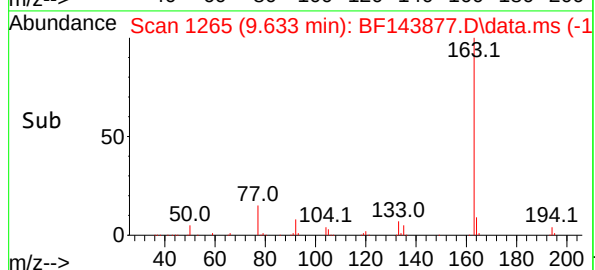
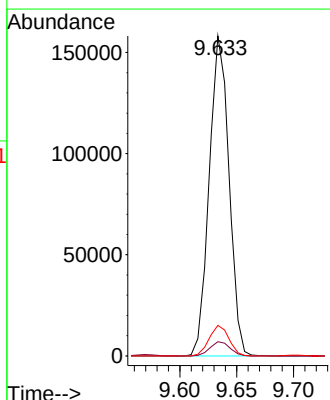
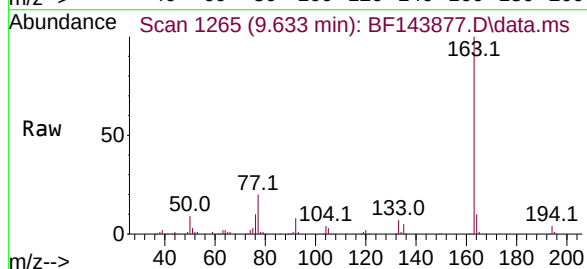
Tgt Ion:163 Resp: 191729

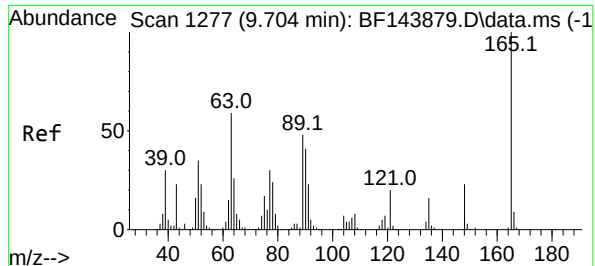
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 9.5 8.1 12.1

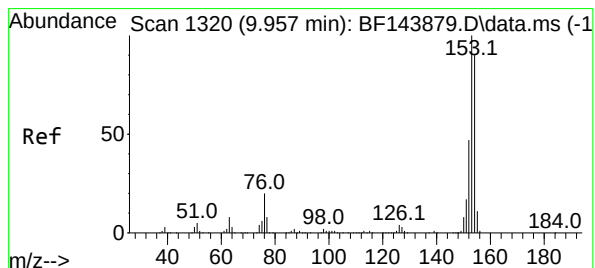
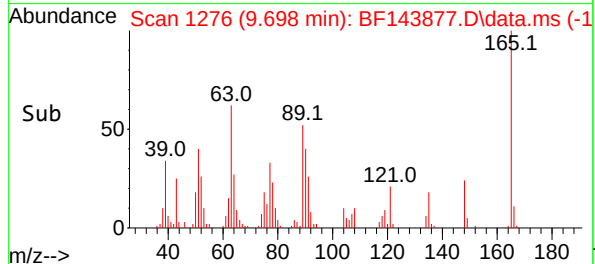
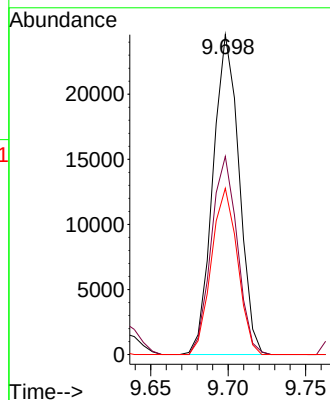
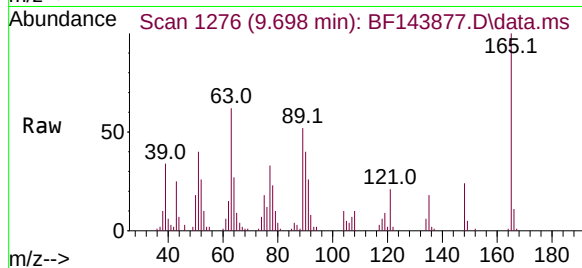




#51
2,6-Dinitrotoluene
Concen: 8.655 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

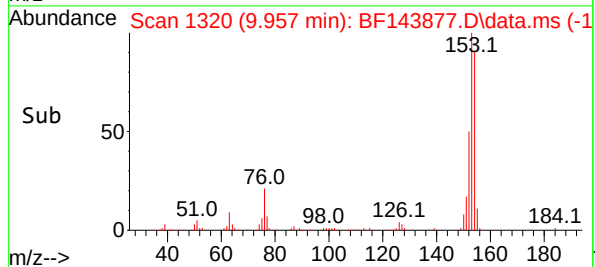
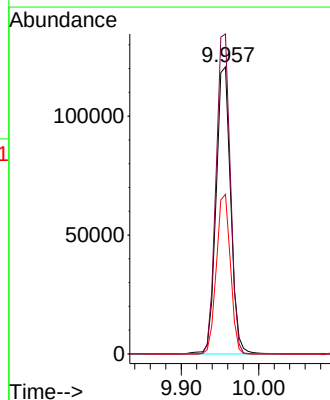
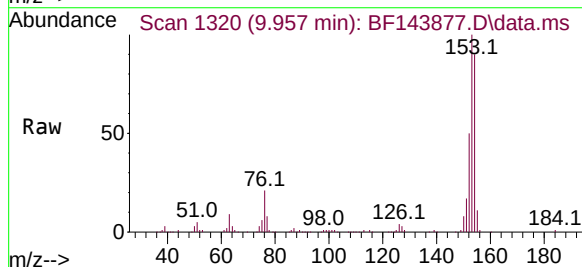
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

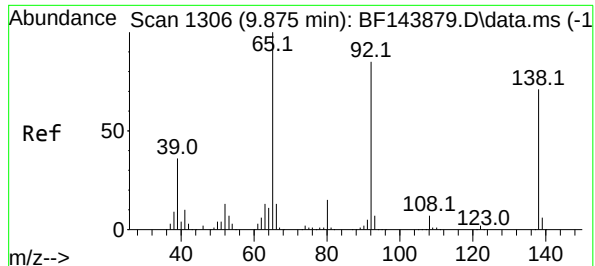
Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.9	47.3	70.9
89	52.0	38.2	57.4



#52
Acenaphthene
Concen: 10.962 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.3	133.9
152	55.6	42.2	63.2

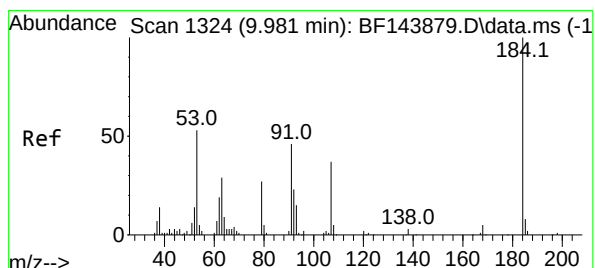
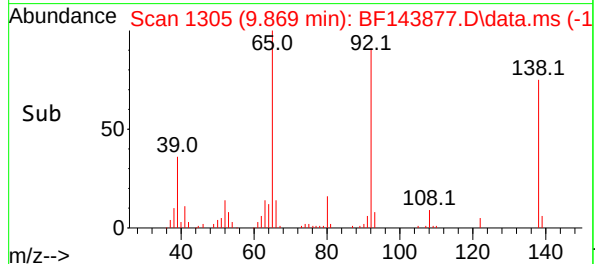
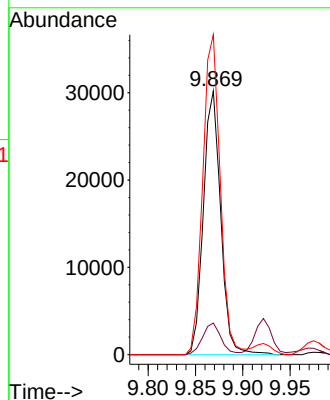
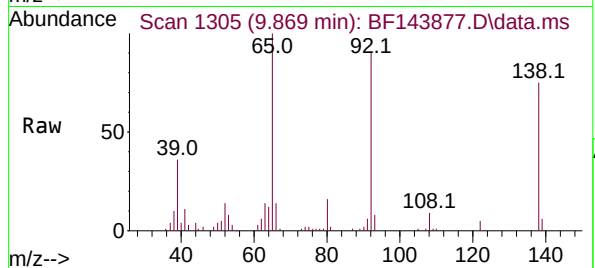




#53
3-Nitroaniline
Concen: 9.380 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

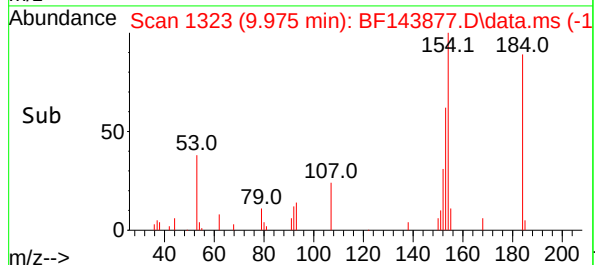
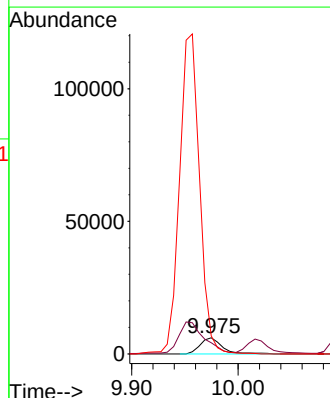
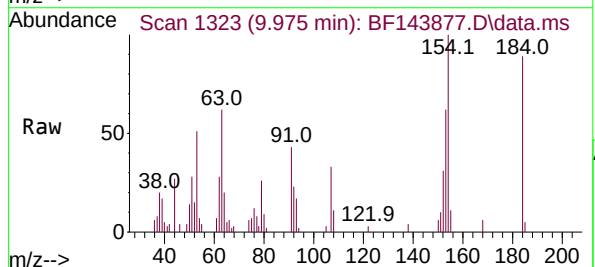
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

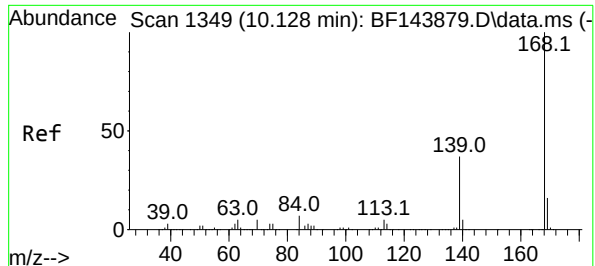
Tgt Ion:138 Resp: 38386
Ion Ratio Lower Upper
138 100
108 12.0 8.3 12.5
92 121.4 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 10.761 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:184 Resp: 8624
Ion Ratio Lower Upper
184 100
63 69.4 48.2 72.4
154 112.7 49.2 73.8#





#55

Dibenzenofuran

Concen: 11.199 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

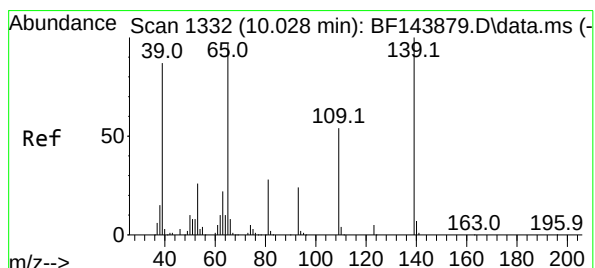
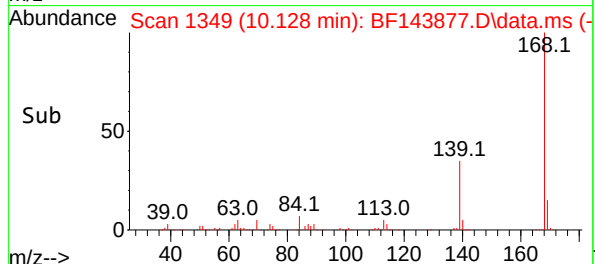
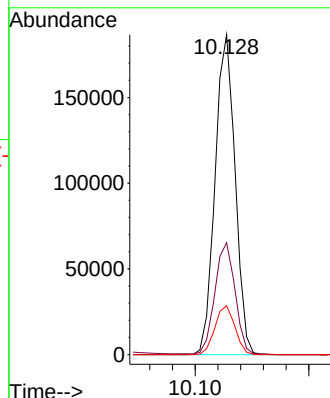
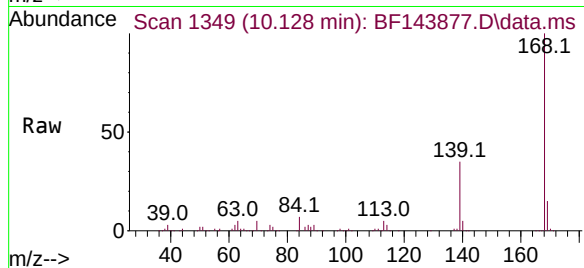
Tgt Ion:168 Resp: 228160

Ion Ratio Lower Upper

168 100

139 35.0 29.8 44.8

169 15.3 12.8 19.2



#56

4-Nitrophenol

Concen: 7.934 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

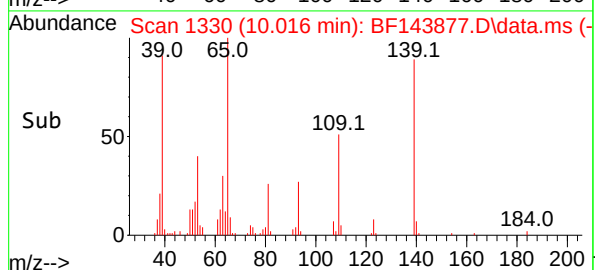
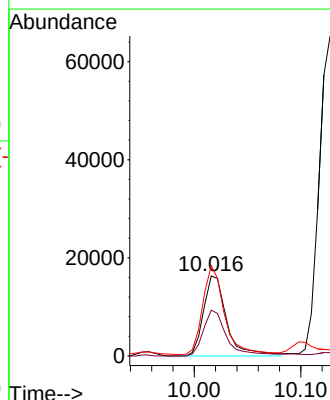
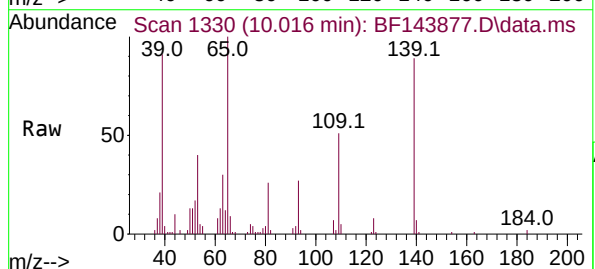
Tgt Ion:139 Resp: 24585

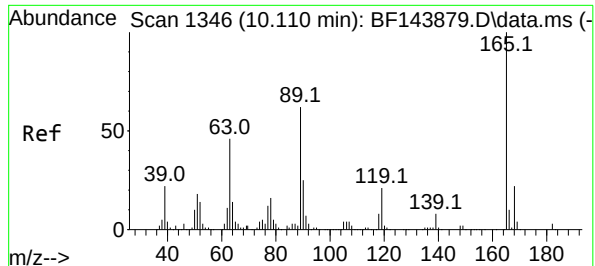
Ion Ratio Lower Upper

139 100

109 57.1 34.5 74.5

65 112.8 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 8.862 ng

RT: 10.098 min Scan# 1346

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:165 Resp: 40299

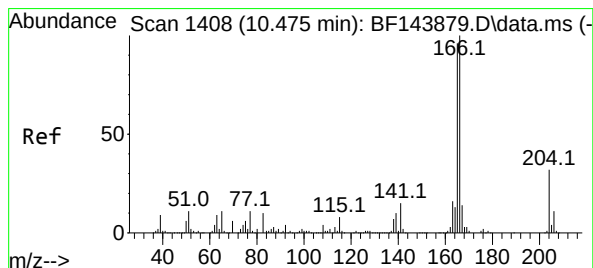
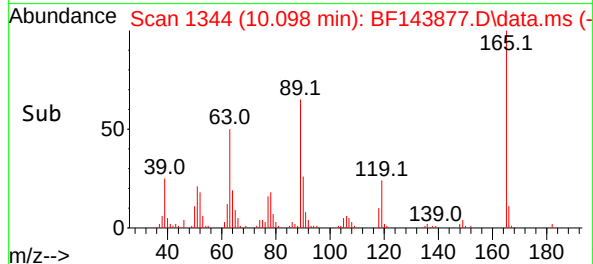
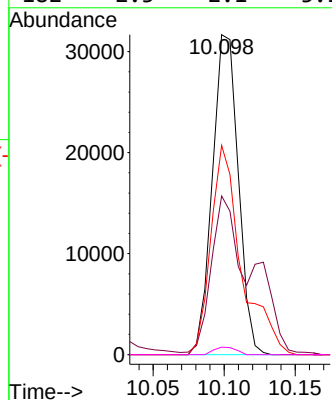
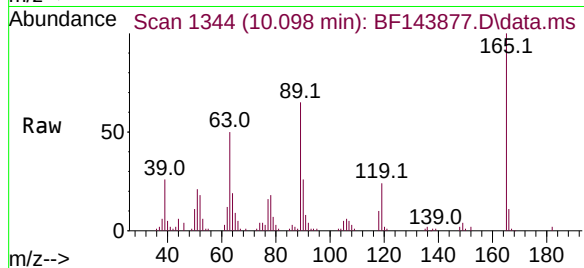
Ion Ratio Lower Upper

165 100

63 49.6 37.2 55.8

89 65.4 49.4 74.2

182 2.3 2.1 3.1



#58

Fluorene

Concen: 11.683 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

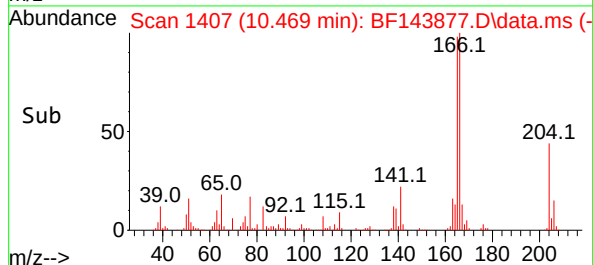
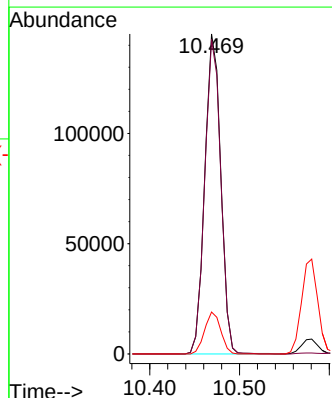
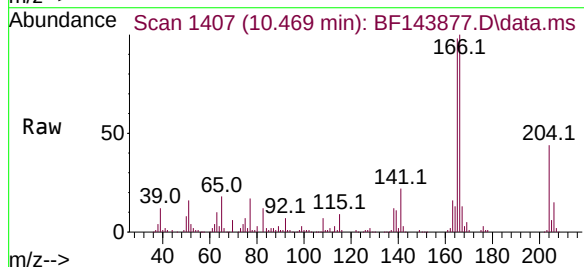
Tgt Ion:166 Resp: 179607

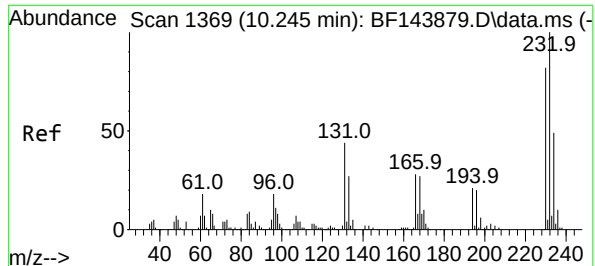
Ion Ratio Lower Upper

166 100

165 98.2 77.0 115.6

167 13.1 11.1 16.7

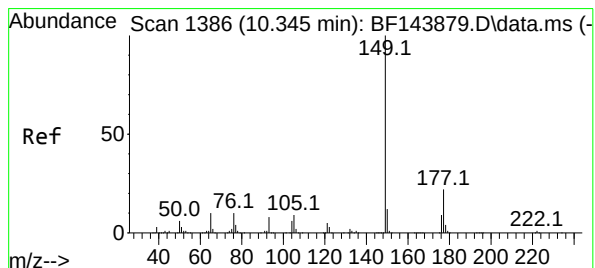
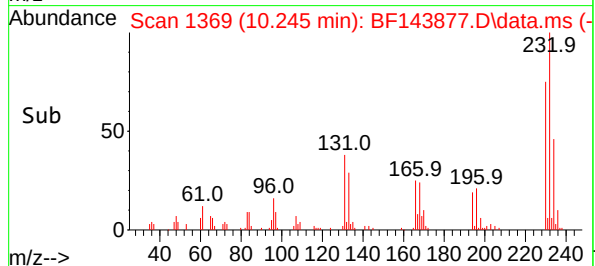
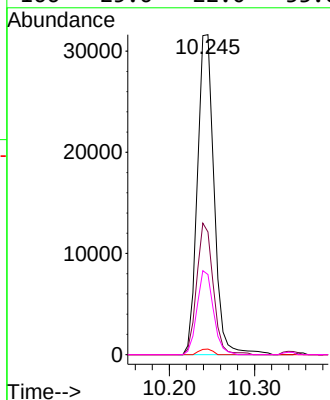
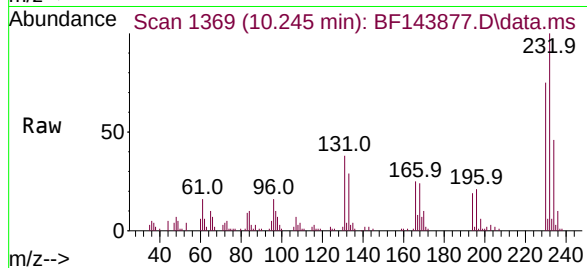




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.041 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

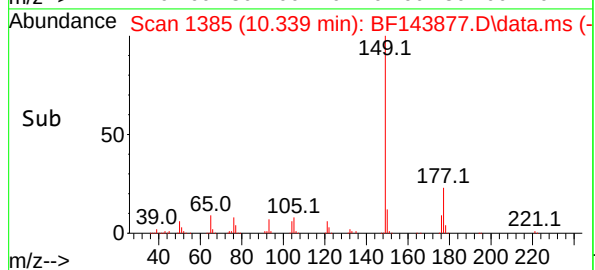
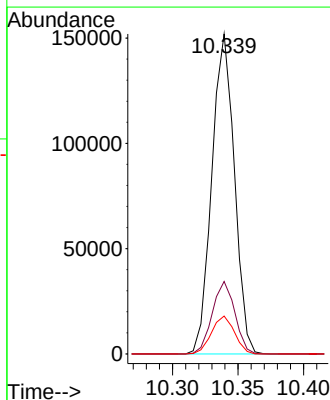
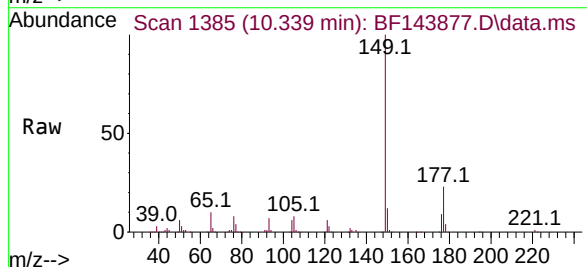
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

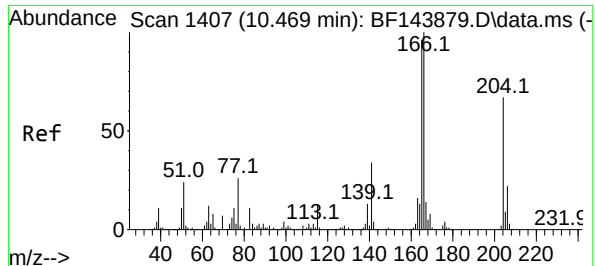
Tgt Ion:232 Resp: 43052
Ion Ratio Lower Upper
232 100
131 40.3 34.9 52.3
130 1.4 1.6 2.4#
166 25.6 22.0 33.0



#60
Diethylphthalate
Concen: 10.860 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:149 Resp: 181846
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 11.8 9.8 14.8

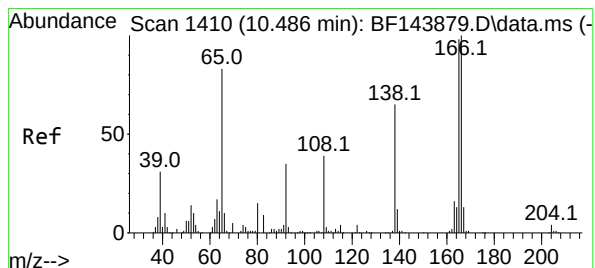
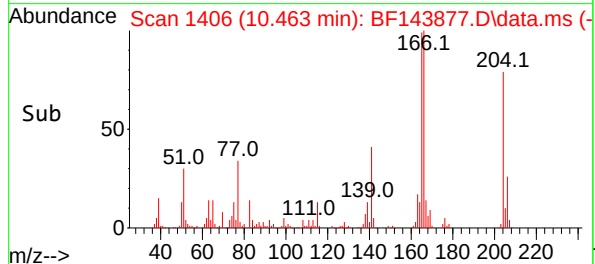
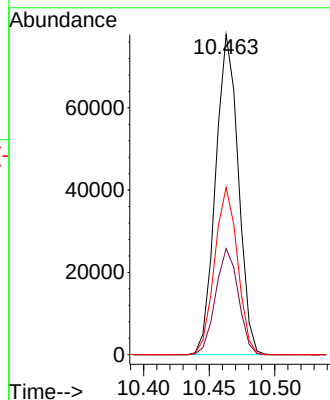
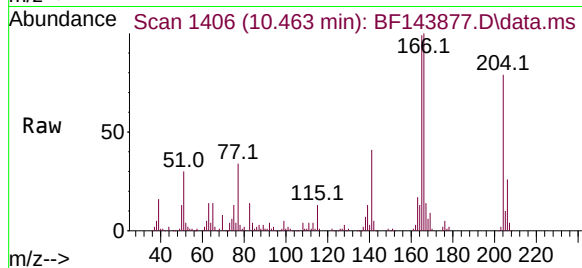




#61
4-Chlorophenyl-phenylether
Concen: 11.565 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

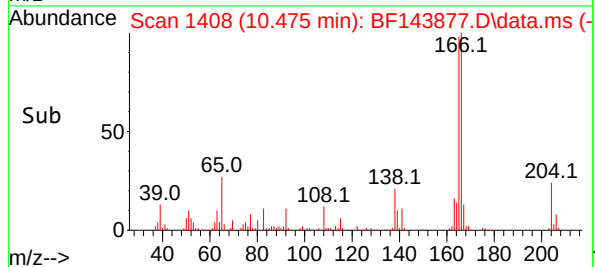
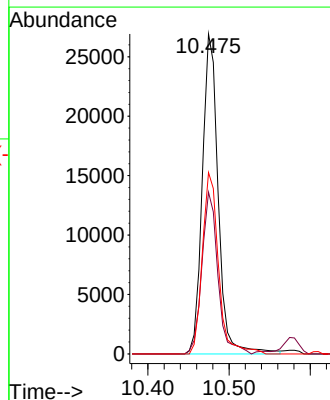
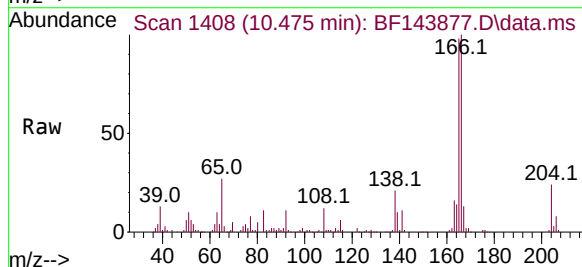
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

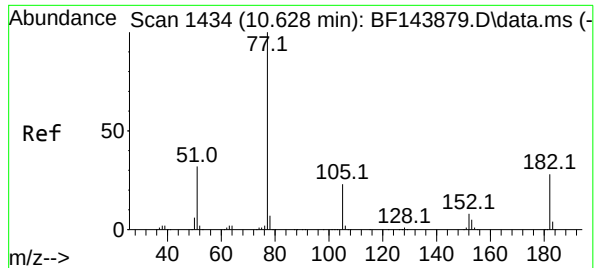
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	40.0
141	52.2	40.4	60.6



#62
4-Nitroaniline
Concen: 9.322 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	33.9	73.9
108	56.7	40.2	80.2

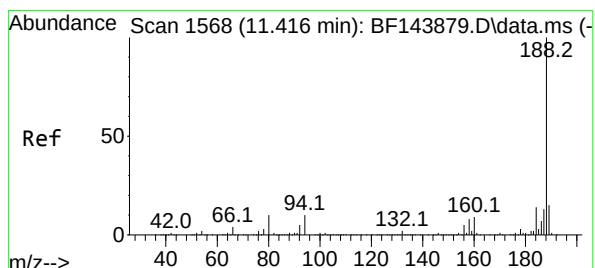
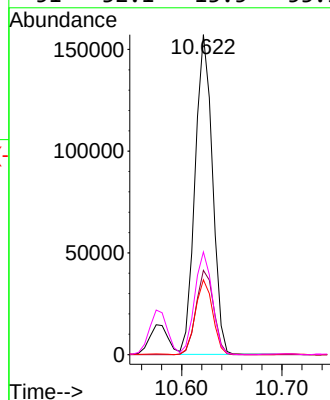
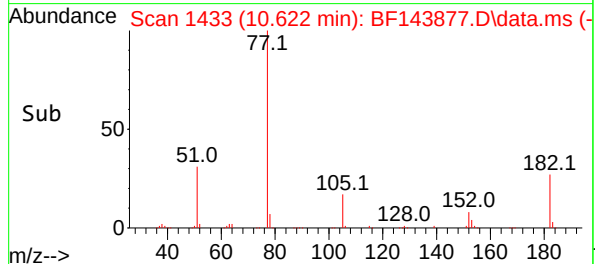
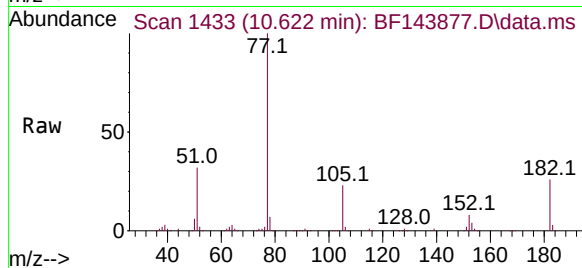




#63
Azobenzene
Concen: 10.794 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

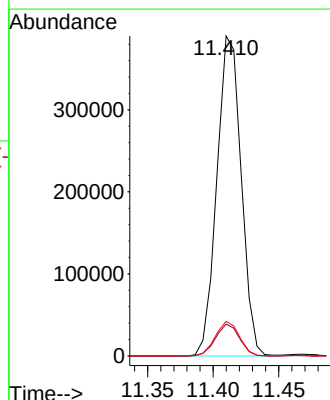
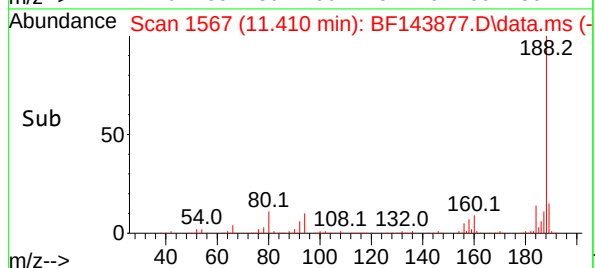
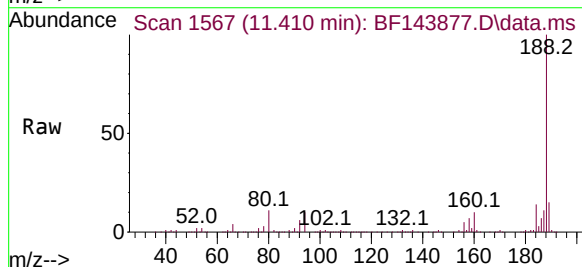
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

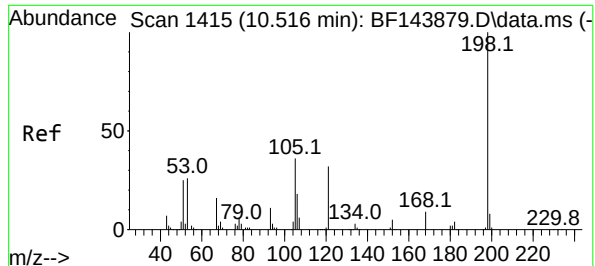
Tgt Ion: 77 Resp: 188888
Ion Ratio Lower Upper
77 100
182 26.3 7.3 47.3
105 23.4 3.0 43.0
51 32.1 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion: 188 Resp: 504357
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.8 7.9 11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 6.421 ng

RT: 10.510 min Scan# 1415

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

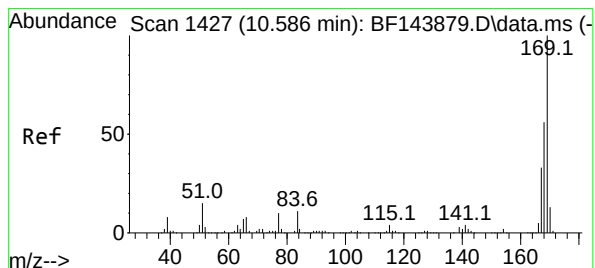
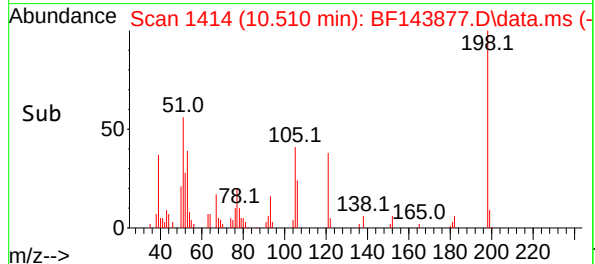
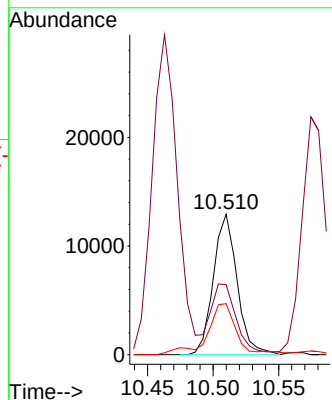
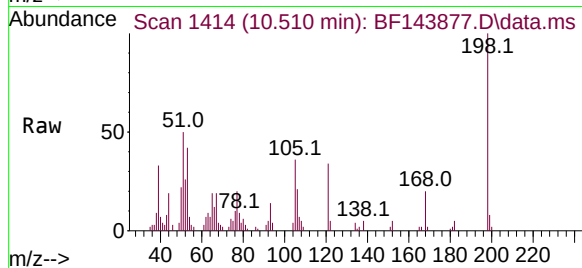
Tgt Ion:198 Resp: 16274

Ion Ratio Lower Upper

198 100

51 49.9 33.8 73.8

105 36.3 17.0 57.0



#66

n-Nitrosodiphenylamine

Concen: 10.869 ng

RT: 10.580 min Scan# 1426

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

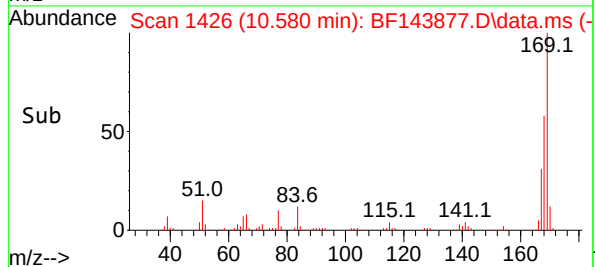
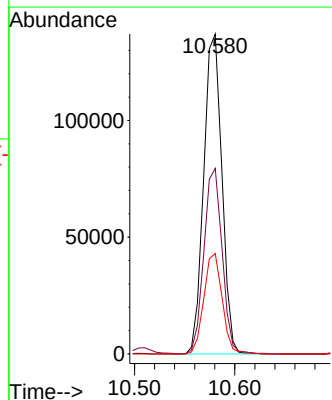
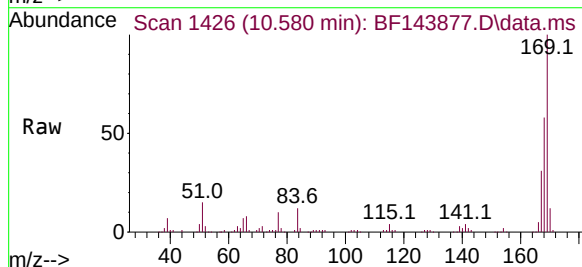
Tgt Ion:169 Resp: 172118

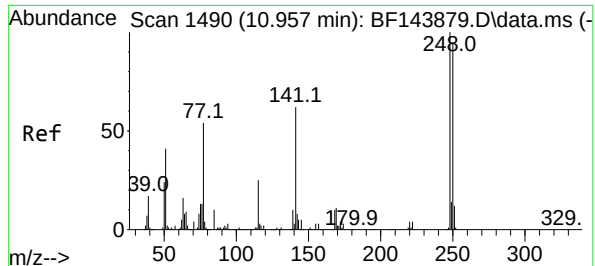
Ion Ratio Lower Upper

169 100

168 58.0 44.9 67.3

167 31.4 26.3 39.5

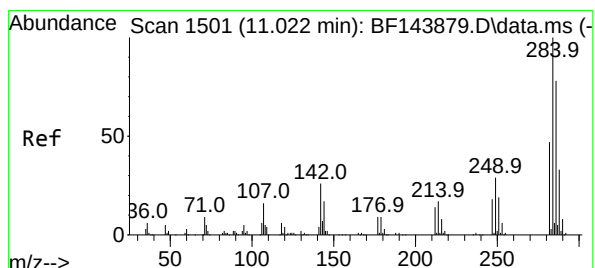
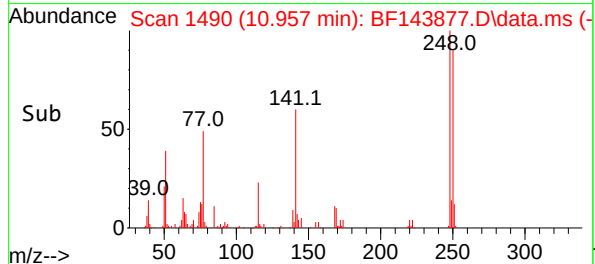
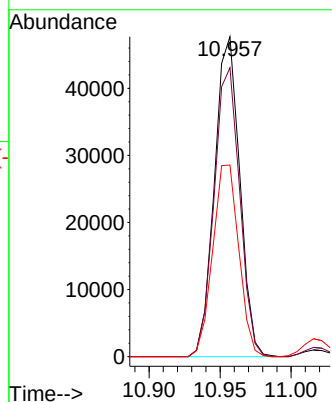
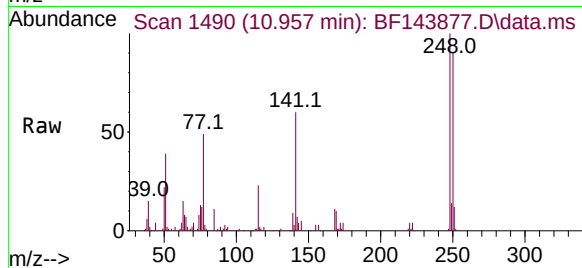




#67
4-Bromophenyl-phenylether
Concen: 10.581 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

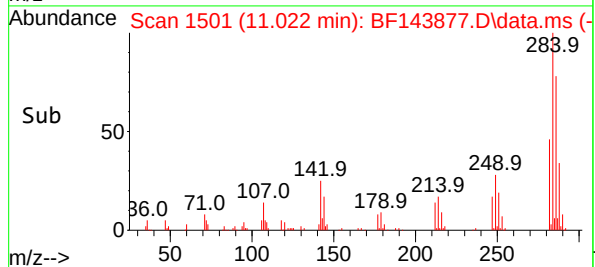
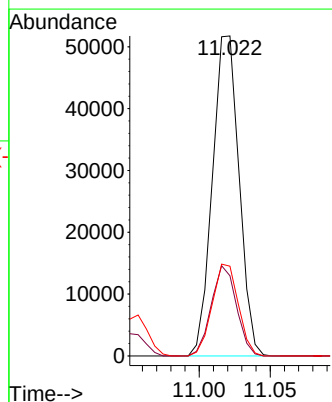
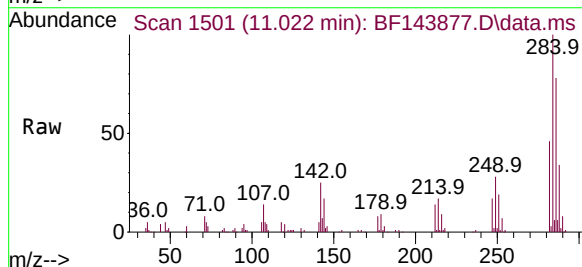
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

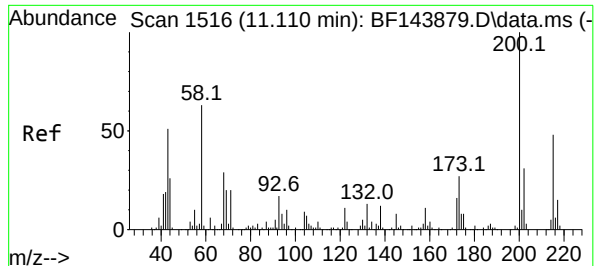
Tgt Ion:	248	Resp:	58980
Ion Ratio	Lower	Upper	
248	100		
250	90.3	76.3	114.5
141	59.9	49.7	74.5



#68
Hexachlorobenzene
Concen: 10.459 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:	284	Resp:	67494
Ion Ratio	Lower	Upper	
284	100		
142	25.0	20.6	30.8
249	28.0	23.2	34.8





#69

Atrazine

Concen: 10.837 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

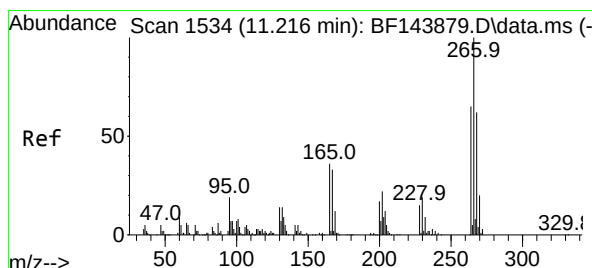
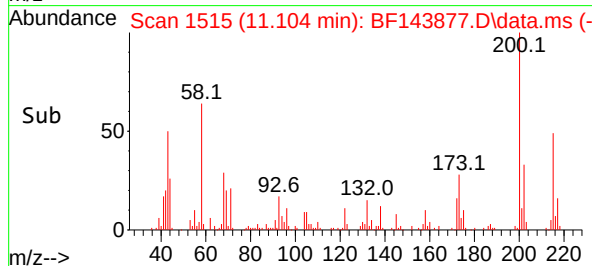
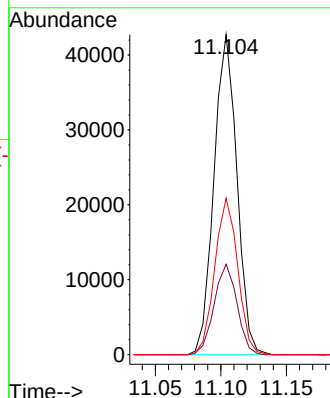
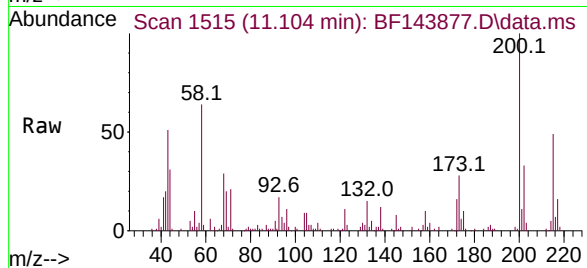
Tgt Ion:200 Resp: 52016

Ion Ratio Lower Upper

200 100

173 28.2 7.0 47.0

215 48.9 27.8 67.8



#70

Pentachlorophenol

Concen: 7.989 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

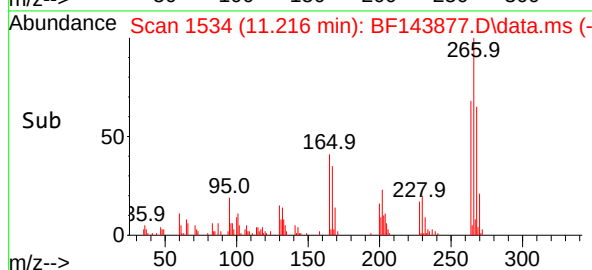
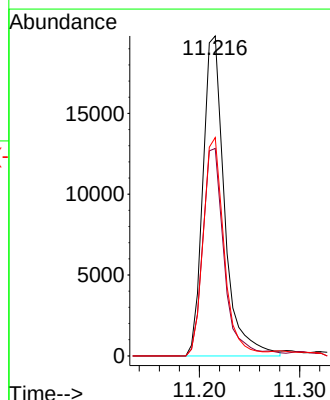
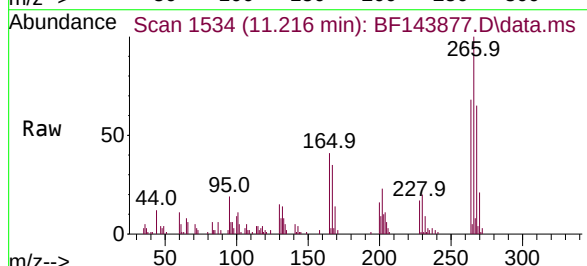
Tgt Ion:266 Resp: 29608

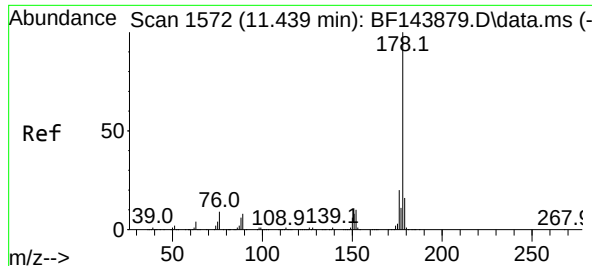
Ion Ratio Lower Upper

266 100

268 64.8 49.4 74.0

264 68.2 51.8 77.6

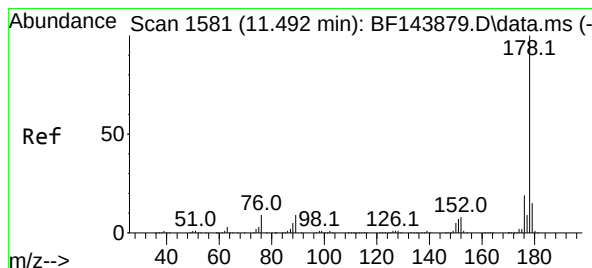
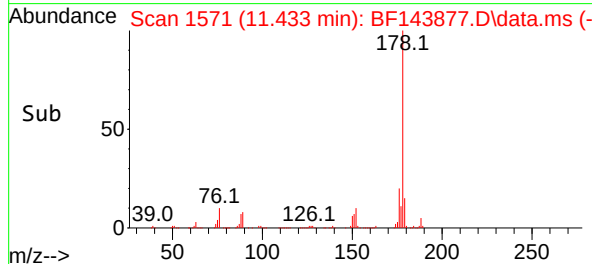
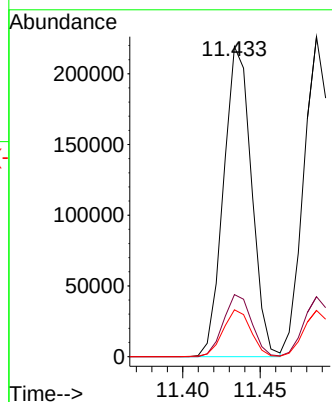
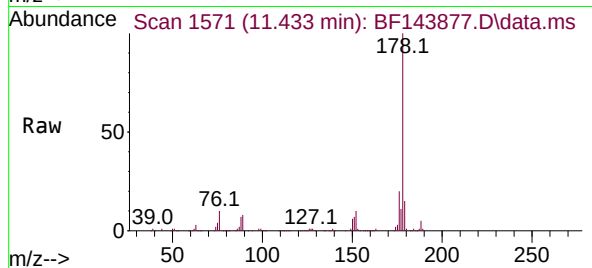




#71
Phenanthrene
Concen: 11.267 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

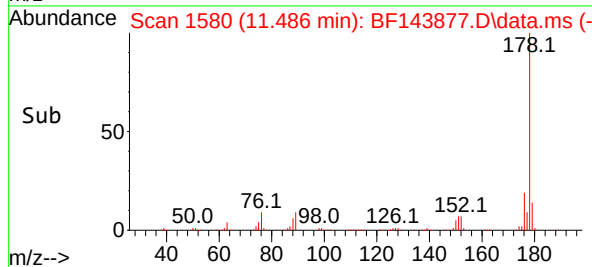
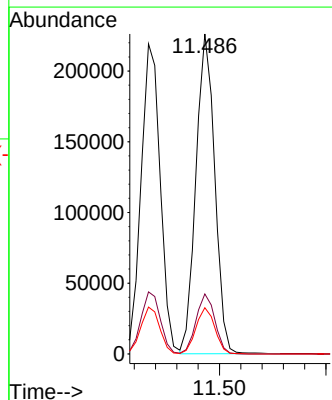
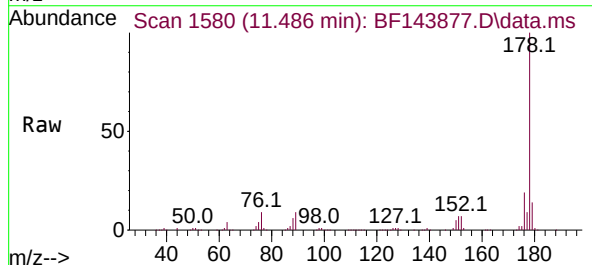
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

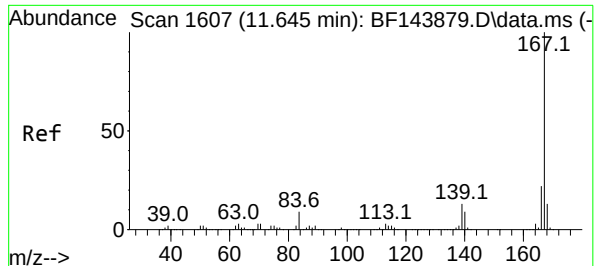
Tgt Ion:178 Resp: 275484
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 15.1 12.4 18.6



#72
Anthracene
Concen: 11.201 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

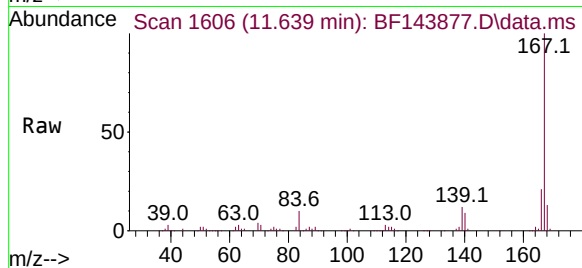
Tgt Ion:178 Resp: 276694
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 14.4 12.2 18.2



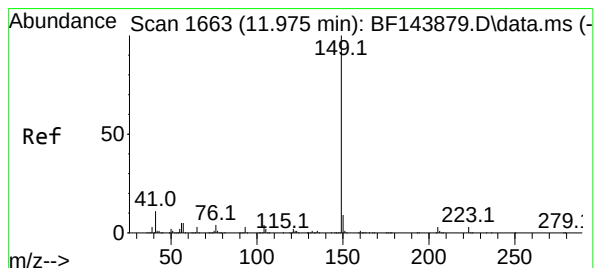
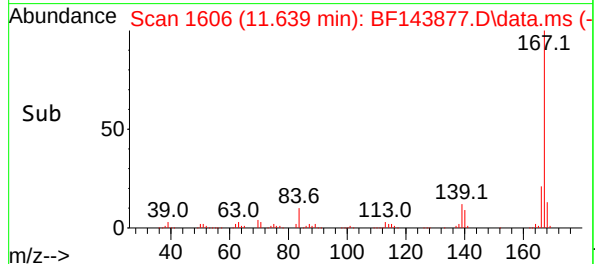
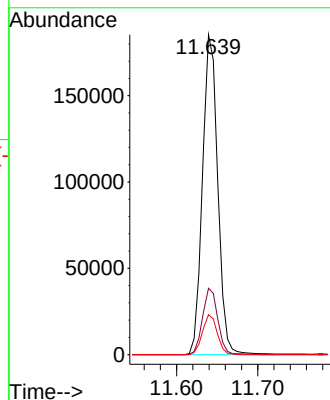


#73
Carbazole
Concen: 11.086 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

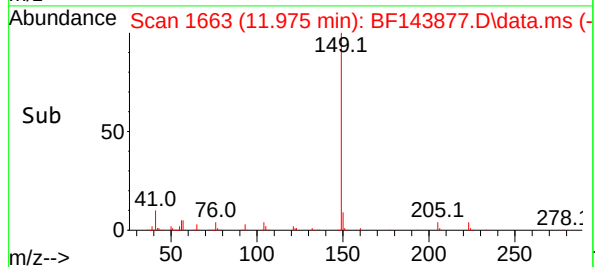
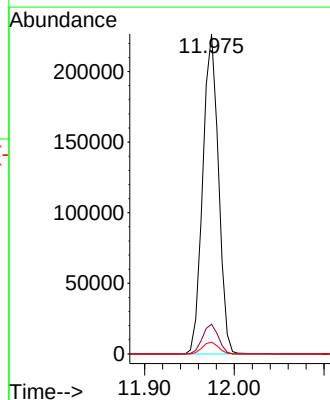
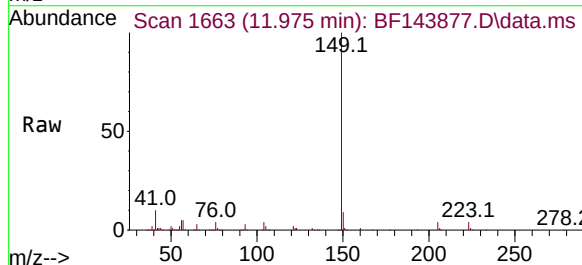


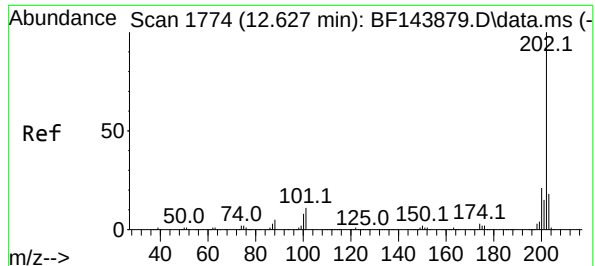
Tgt Ion:167 Resp: 242534
Ion Ratio Lower Upper
167 100
166 20.7 17.2 25.8
139 12.5 10.1 15.1



#74
Di-n-butylphthalate
Concen: 10.879 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:149 Resp: 275838
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 3.7 3.4 5.2

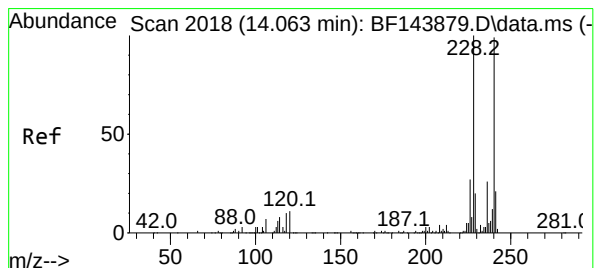
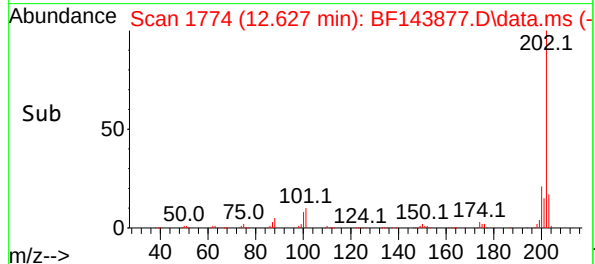
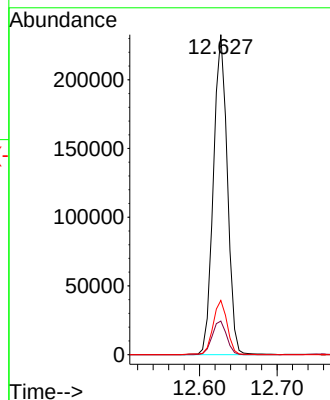
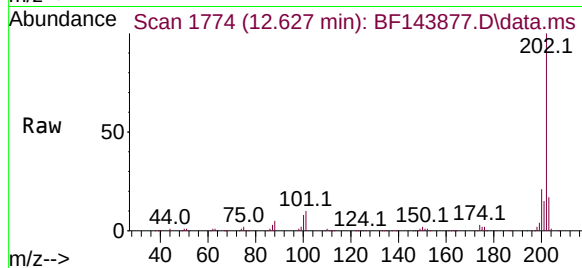




#75
Fluoranthene
Concen: 11.510 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

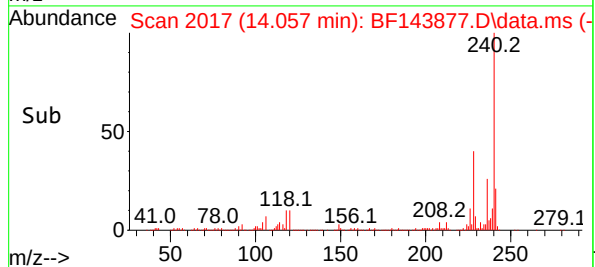
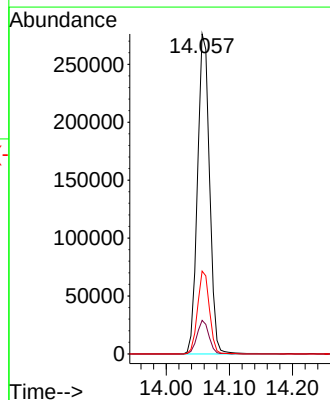
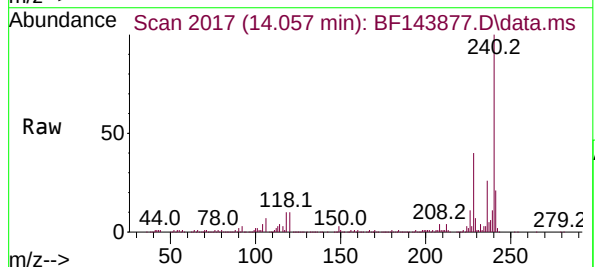
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

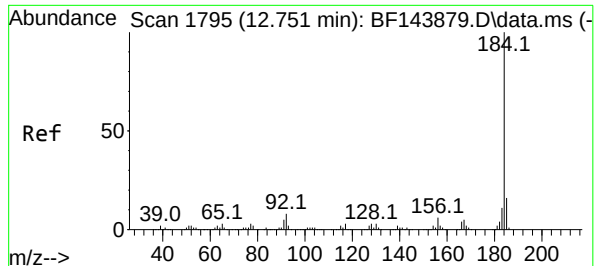
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.7
203	16.9	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	25.9	21.1	31.7





#77

Benzidine

Concen: 10.092 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

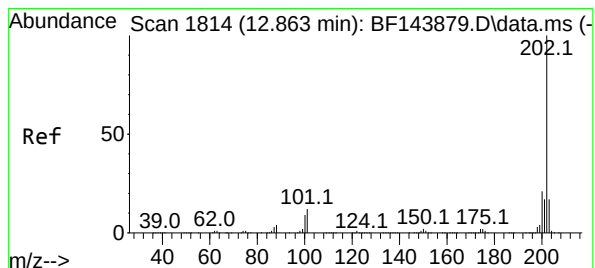
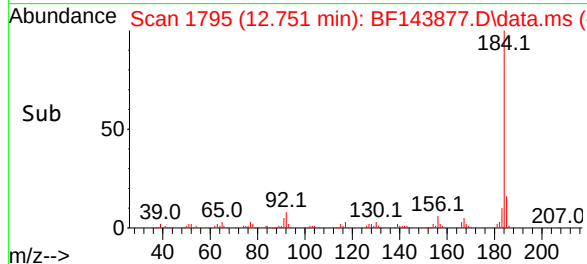
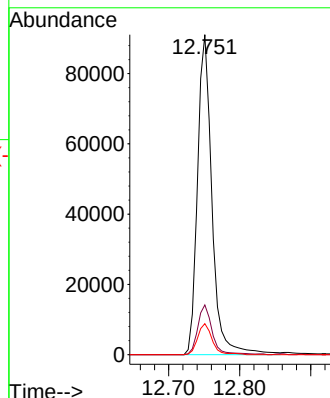
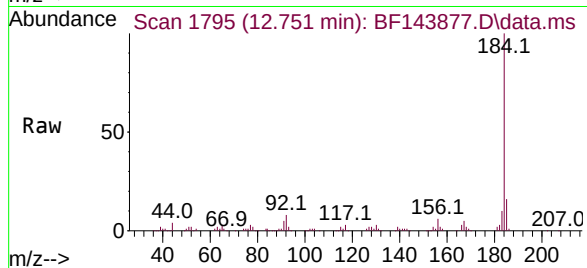
Tgt Ion:184 Resp: 128424

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

183 9.7 8.8 13.2



#78

Pyrene

Concen: 9.975 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

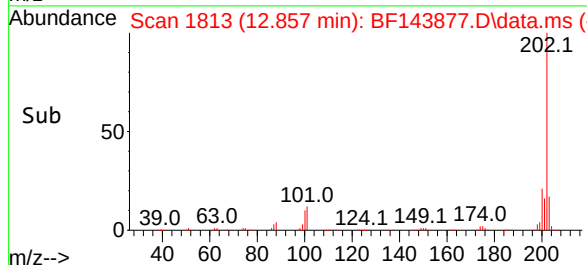
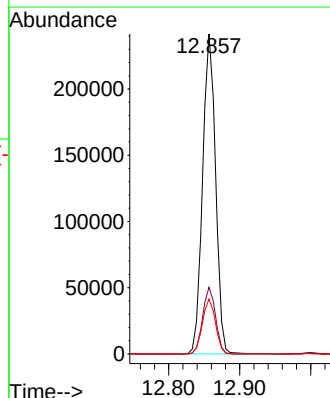
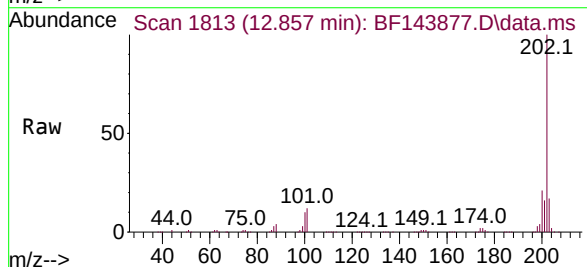
Tgt Ion:202 Resp: 304789

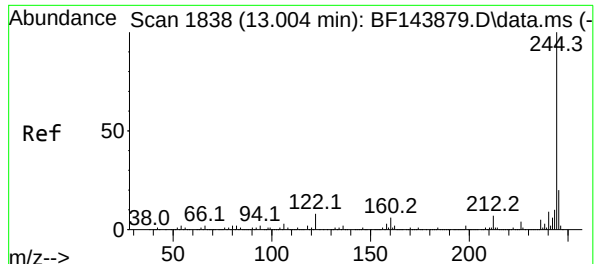
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 20.657 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

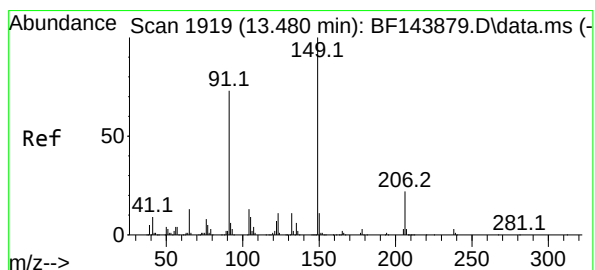
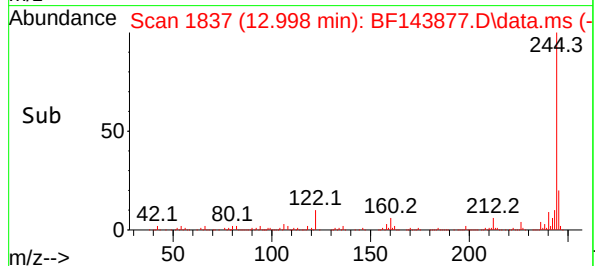
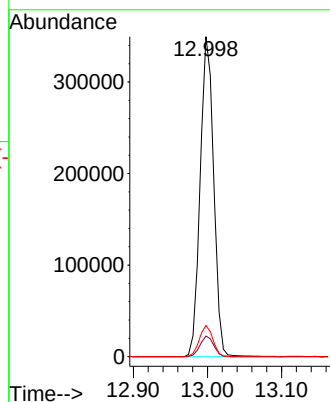
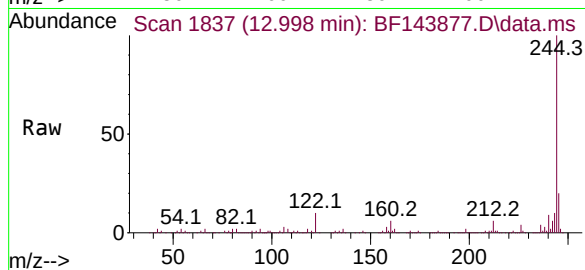
Tgt Ion:244 Resp: 442968

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 9.7 6.4 9.6#



#80

Butylbenzylphthalate

Concen: 9.296 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

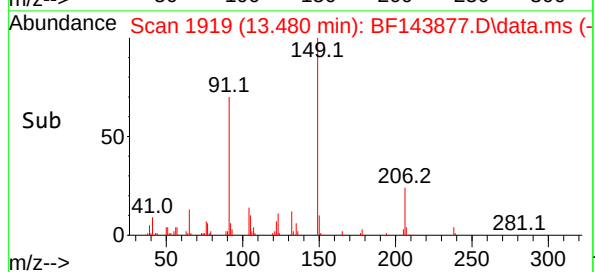
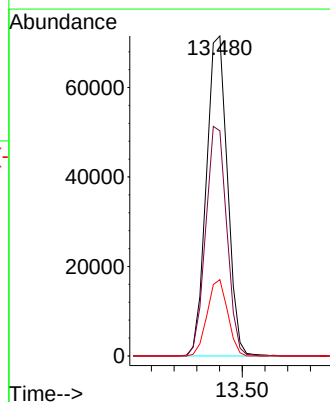
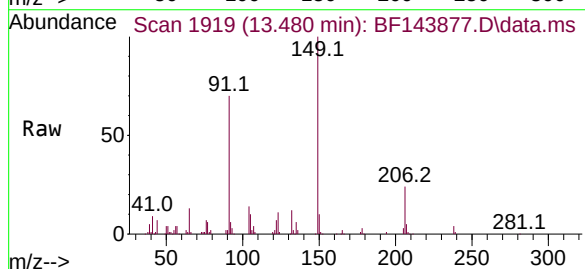
Tgt Ion:149 Resp: 92241

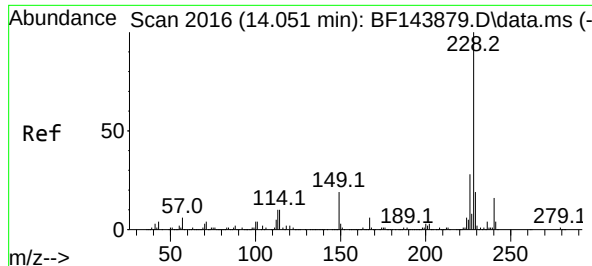
Ion Ratio Lower Upper

149 100

91 70.3 58.2 87.2

206 23.8 17.9 26.9





#81

Benzo(a)anthracene

Concen: 10.293 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

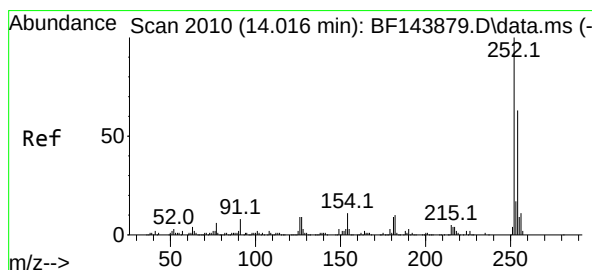
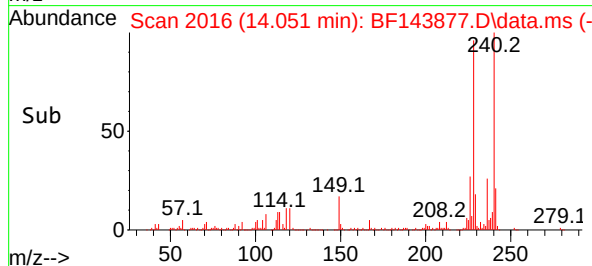
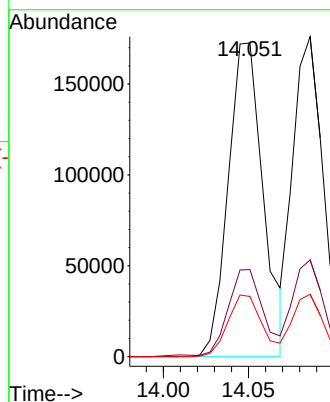
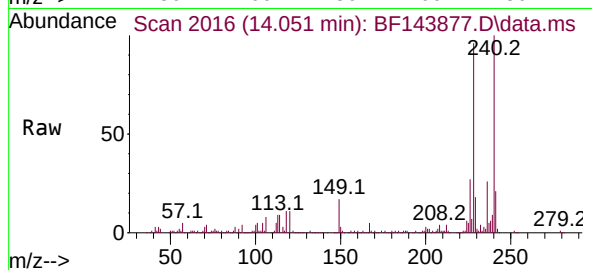
Tgt Ion:228 Resp: 246871

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 19.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 9.129 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

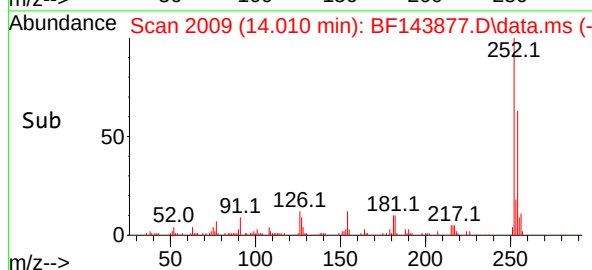
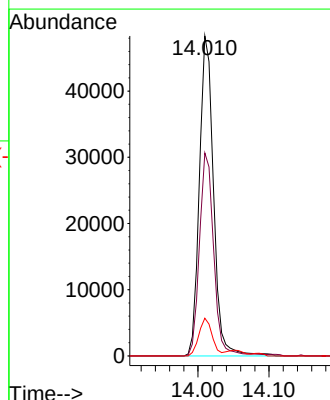
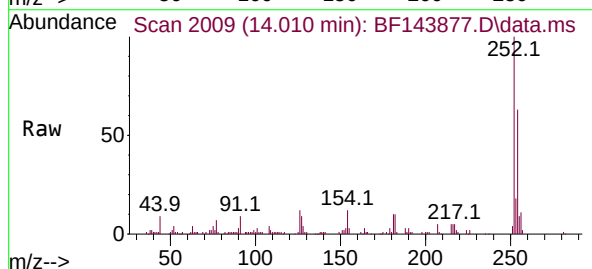
Tgt Ion:252 Resp: 66722

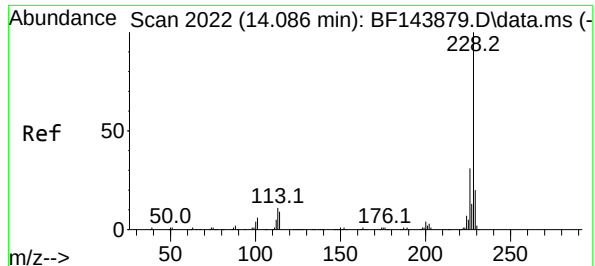
Ion Ratio Lower Upper

252 100

254 63.4 50.6 76.0

126 11.8 7.0 10.6#





#83

Chrysene

Concen: 9.809 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

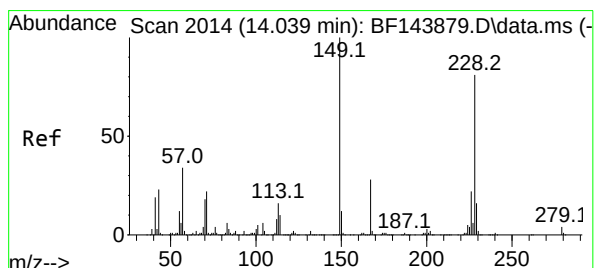
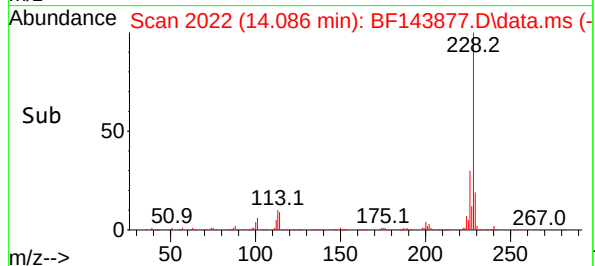
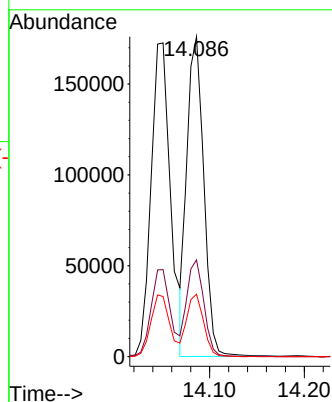
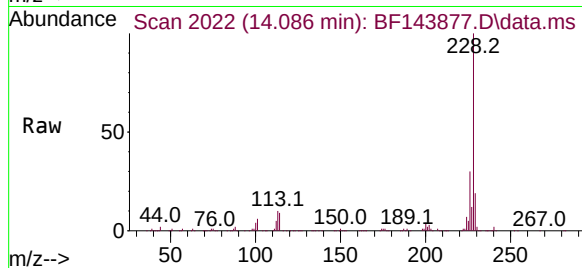
Tgt Ion:228 Resp: 217741

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.483 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

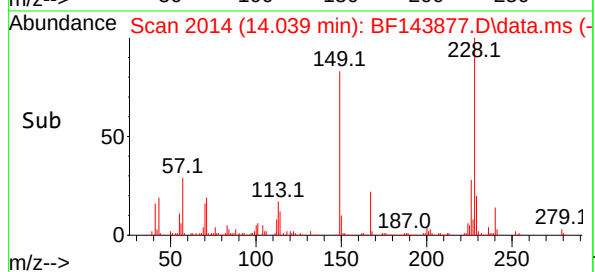
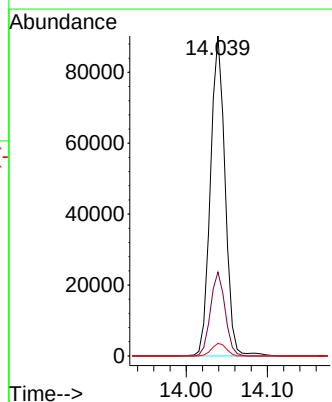
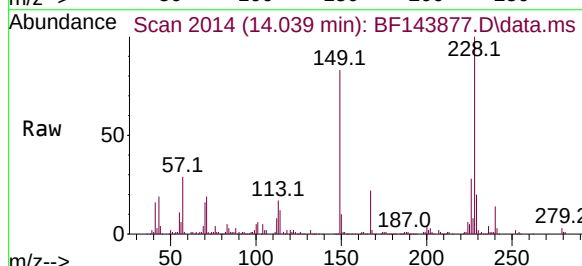
Tgt Ion:149 Resp: 113431

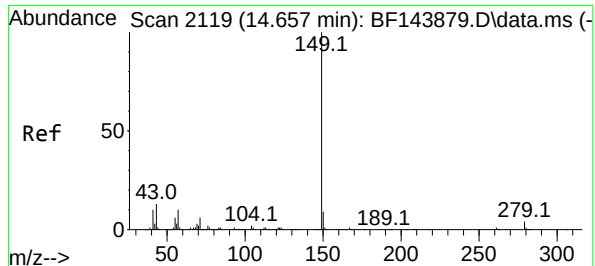
Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.4

279 3.9 3.1 4.7

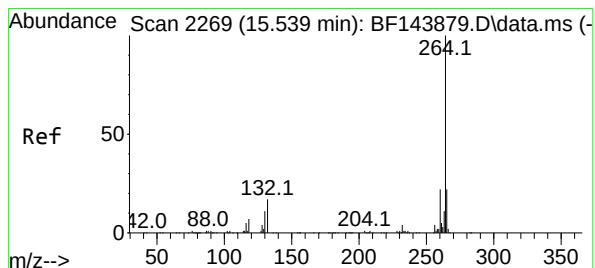
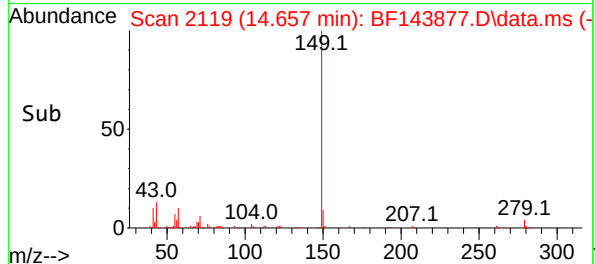
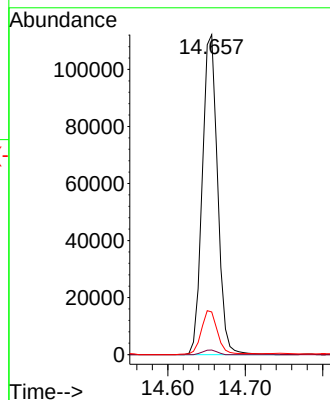
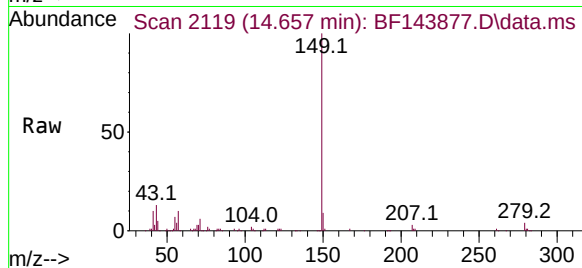




#85
Di-n-octyl phthalate
Concen: 7.810 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

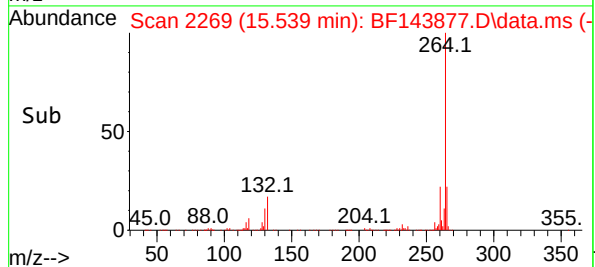
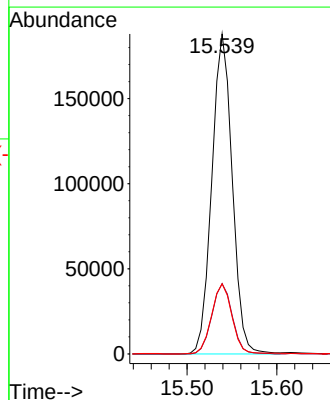
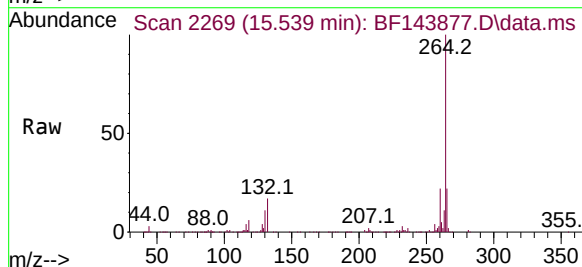
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

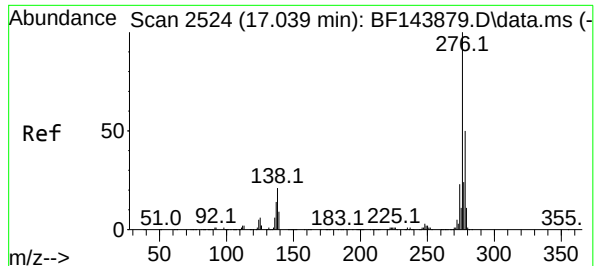
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	14.8	11.0	16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.8	26.8
265	21.9	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.011 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

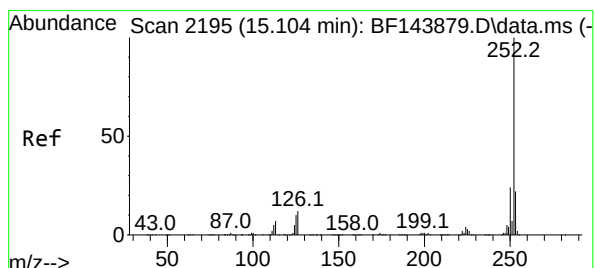
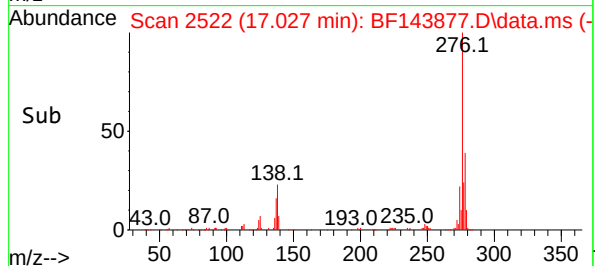
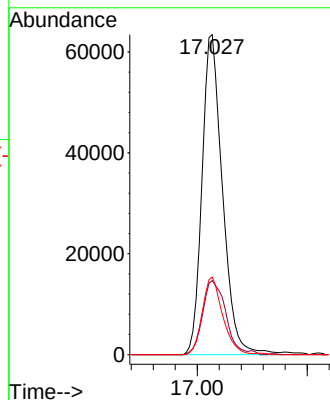
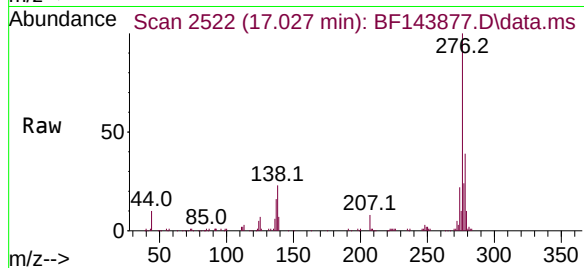
Tgt Ion:276 Resp: 164200

Ion Ratio Lower Upper

276 100

138 26.2 18.2 27.2

277 24.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 9.901 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

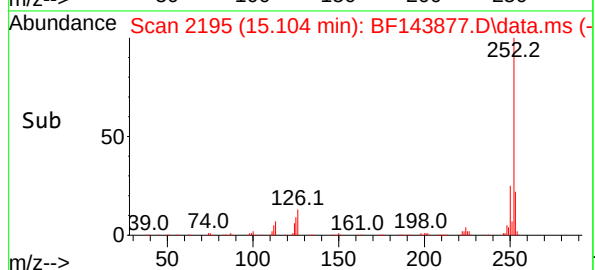
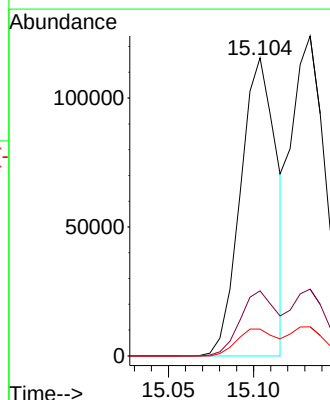
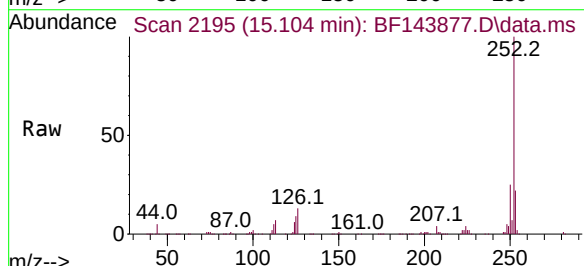
Tgt Ion:252 Resp: 169146

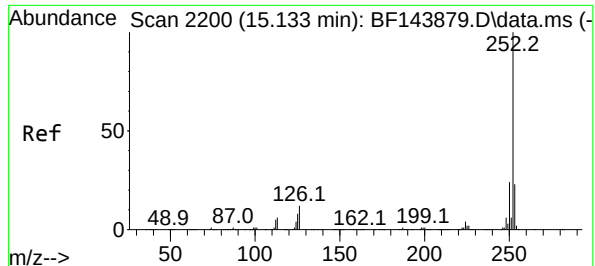
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 9.0 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 11.032 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

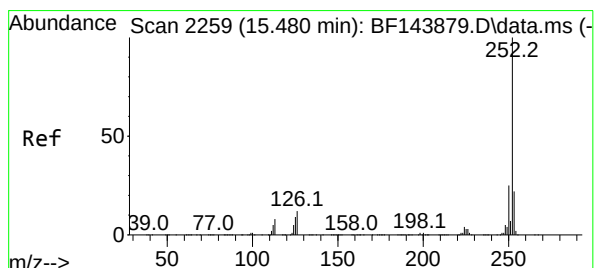
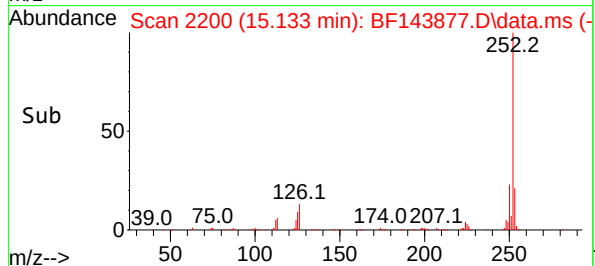
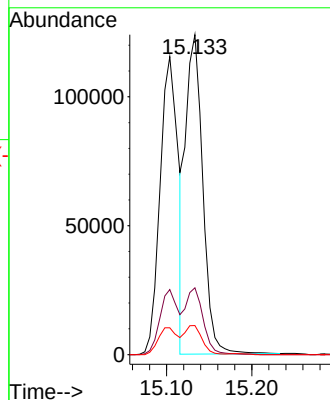
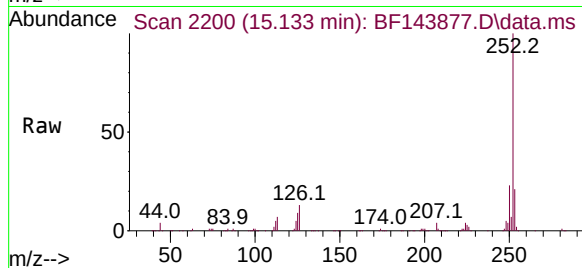
Tgt Ion:252 Resp: 174390

Ion Ratio Lower Upper

252 100

253 20.9 17.8 26.8

125 9.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 10.096 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

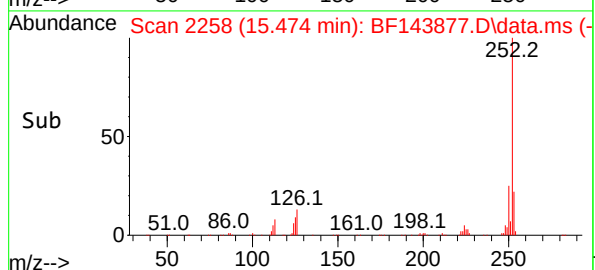
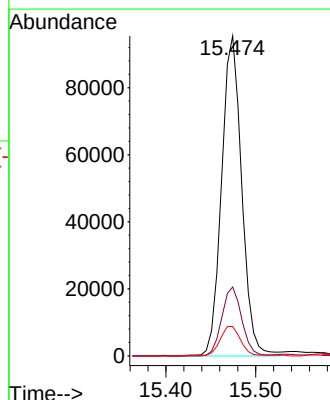
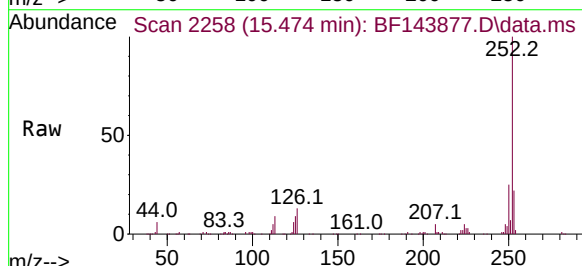
Tgt Ion:252 Resp: 149543

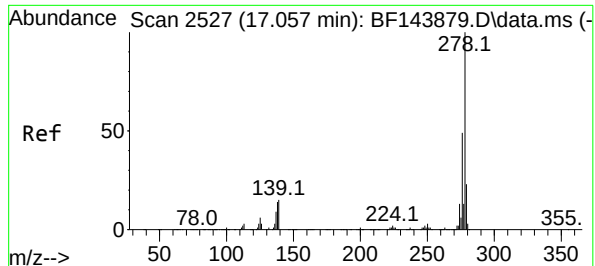
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.2 7.0 10.4

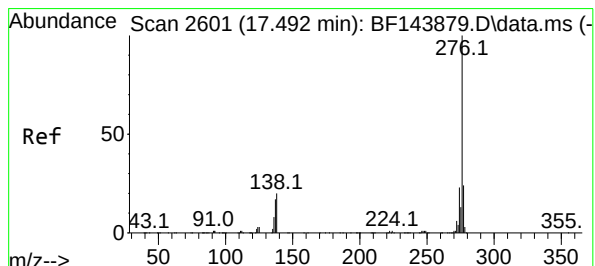
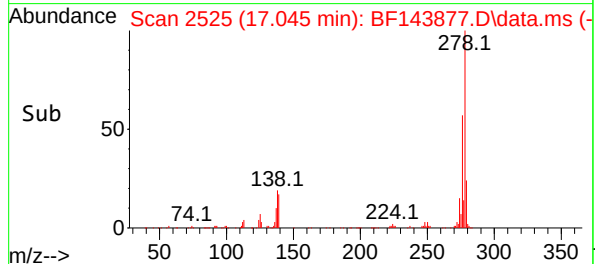
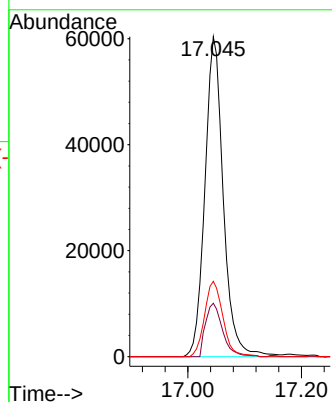
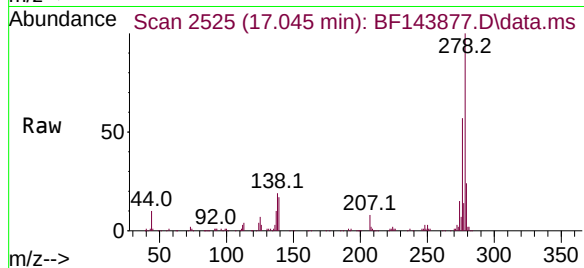




#91
Dibenzo(a,h)anthracene
Concen: 9.279 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

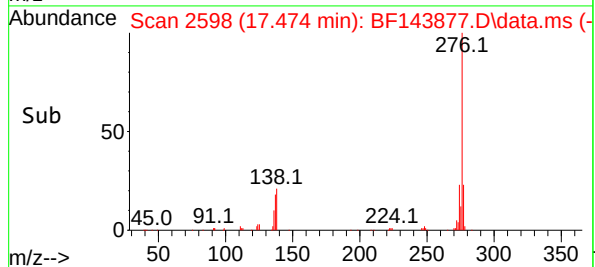
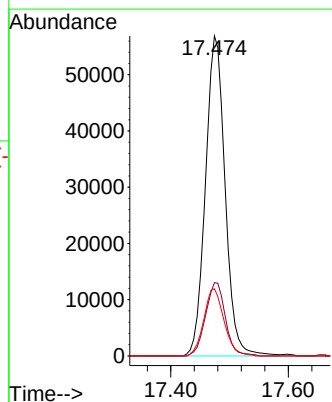
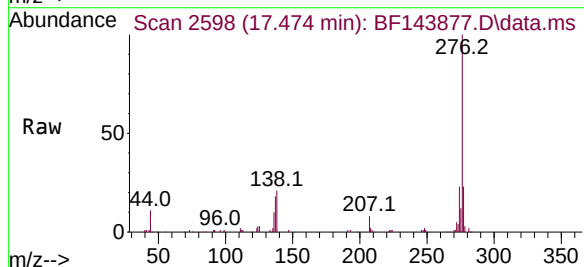
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 135992
Ion Ratio Lower Upper
278 100
139 16.7 11.7 17.5
279 23.5 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 9.012 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Tgt Ion:276 Resp: 132076
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 21.0 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143878.D
 Acq On : 06 Oct 2025 11:56
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Oct 06 15:38:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	144072	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	561772	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	311297	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	536961	20.000	ng	0.00
76) Chrysene-d12	14.063	240	346764	20.000	ng	0.00
86) Perylene-d12	15.539	264	314616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	389641	42.947	ng	0.00
7) Phenol-d6	6.498	99	461437	42.670	ng	-0.02
23) Nitrobenzene-d5	7.439	82	389584	42.133	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	130577	42.114	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	831185	42.367	ng	-0.01
79) Terphenyl-d14	12.998	244	881486	43.445	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	86079	20.503	ng	97
3) Pyridine	3.410	79	251988	20.618	ng	99
4) n-Nitrosodimethylamine	3.346	42	128915	20.051	ng	96
6) Aniline	6.540	93	340202	20.994	ng	99
8) 2-Chlorophenol	6.663	128	183611	20.704	ng	99
9) Benzaldehyde	6.434	77	147781	17.715	ng	99
10) Phenol	6.510	94	272100m	21.046	ng	
11) bis(2-Chloroethyl)ether	6.616	93	211296	21.157	ng	100
12) 1,3-Dichlorobenzene	6.822	146	228938	21.566	ng	98
13) 1,4-Dichlorobenzene	6.898	146	225703	21.554	ng	99
14) 1,2-Dichlorobenzene	7.051	146	216196	21.555	ng	98
15) Benzyl Alcohol	7.016	79	164008	20.241	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	471598	20.745	ng	100
17) 2-Methylphenol	7.128	107	151099	20.616	ng	99
18) Hexachloroethane	7.398	117	74147	21.232	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	151838	20.512	ng	99
20) 3+4-Methylphenols	7.281	107	193273	22.753	ng	# 86
22) Acetophenone	7.287	105	259382	21.837	ng	100
24) Nitrobenzene	7.463	77	218497	21.279	ng	100
25) Isophorone	7.698	82	397606	20.393	ng	99
26) 2-Nitrophenol	7.781	139	91336	20.747	ng	96
27) 2,4-Dimethylphenol	7.810	122	163783	20.682	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	260252	21.131	ng	98
29) 2,4-Dichlorophenol	8.016	162	175934	21.328	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	172265	21.234	ng	98
31) Naphthalene	8.186	128	545971	21.365	ng	99
32) Benzoic acid	7.892	122	98172m	17.912	ng	
33) 4-Chloroaniline	8.233	127	200545	20.924	ng	98
34) Hexachlorobutadiene	8.304	225	118056	20.941	ng	98
35) Caprolactam	8.586	113	51159	19.505	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	162629	20.524	ng	97
37) 2-Methylnaphthalene	8.875	142	367401	21.583	ng	99
38) 1-Methylnaphthalene	8.975	142	353459	21.407	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	185181	21.523	ng	98
41) Hexachlorocyclopentadiene	9.033	237	67128	18.807	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	132747	21.116	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143878.D
 Acq On : 06 Oct 2025 11:56
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Oct 06 15:38:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

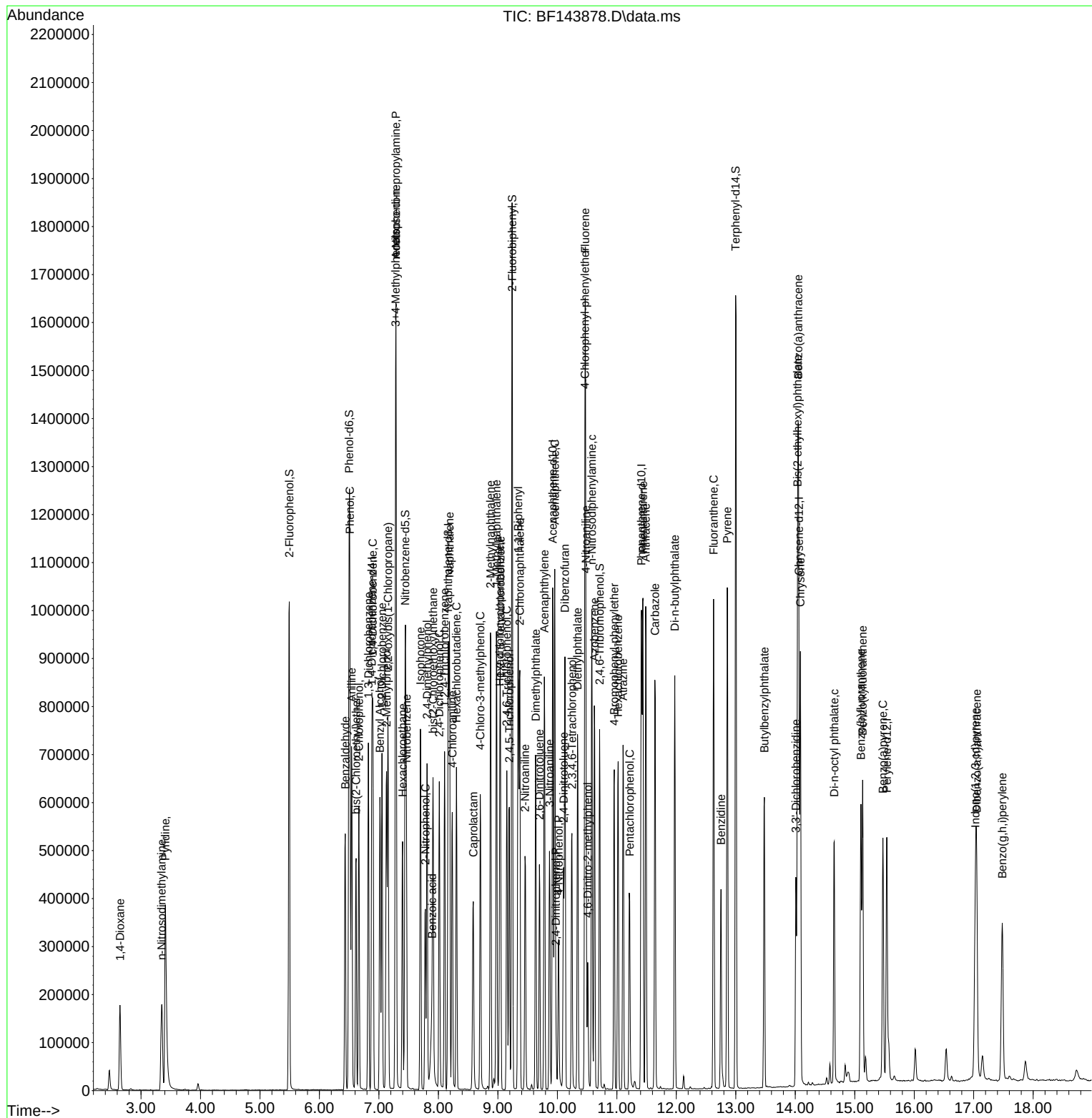
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143043	21.532	ng	98
46) 1,1'-Biphenyl	9.339	154	450706	21.868	ng	100
47) 2-Chloronaphthalene	9.369	162	372531	21.679	ng	96
48) 2-Nitroaniline	9.457	65	115519	21.263	ng	98
49) Acenaphthylene	9.780	152	512980	21.234	ng	100
50) Dimethylphthalate	9.639	163	415359	21.011	ng	100
51) 2,6-Dinitrotoluene	9.698	165	76360	20.831	ng	96
52) Acenaphthene	9.957	154	341066	21.545	ng	99
53) 3-Nitroaniline	9.869	138	95127	21.194	ng	99
54) 2,4-Dinitrophenol	9.975	184	29199	18.734	ng	# 67
55) Dibenzofuran	10.128	168	489250	21.894	ng	98
56) 4-Nitrophenol	10.022	139	66930	19.694	ng	97
57) 2,4-Dinitrotoluene	10.104	165	106136	21.280	ng	99
58) Fluorene	10.469	166	365206	21.659	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	98138	20.869	ng	99
60) Diethylphthalate	10.339	149	396233	21.575	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	194875	21.860	ng	97
62) 4-Nitroaniline	10.480	138	88594	20.526	ng	98
63) Azobenzene	10.622	77	407261	21.218	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	49405	18.309	ng	100
66) n-Nitrosodiphenylamine	10.580	169	362217	21.484	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	123882	20.876	ng	98
68) Hexachlorobenzene	11.022	284	141316	20.570	ng	99
69) Atrazine	11.104	200	114492	22.405	ng	99
70) Pentachlorophenol	11.216	266	81624	20.687	ng	95
71) Phenanthrene	11.439	178	572157	21.979	ng	98
72) Anthracene	11.486	178	567724	21.588	ng	100
73) Carbazole	11.639	167	504282	21.651	ng	99
74) Di-n-butylphthalate	11.974	149	595140	22.047	ng	99
75) Fluoranthene	12.627	202	587348	21.843	ng	98
77) Benzidine	12.751	184	249358	20.710	ng	97
78) Pyrene	12.857	202	613300	21.215	ng	99
80) Butylbenzylphthalate	13.480	149	200832	21.391	ng	97
81) Benzo(a)anthracene	14.051	228	469566	20.693	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	139822	20.219	ng	# 96
83) Chrysene	14.086	228	439378	20.920	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	238132	21.041	ng	100
85) Di-n-octyl phthalate	14.657	149	349721	18.814	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	384441	19.942	ng	97
88) Benzo(b)fluoranthene	15.104	252	355882	19.692	ng	99
89) Benzo(k)fluoranthene	15.133	252	386399	23.106	ng	98
90) Benzo(a)pyrene	15.474	252	326291	20.822	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	319216	20.589	ng	99
92) Benzo(g,h,i)perylene	17.480	276	309120	19.937	ng	98

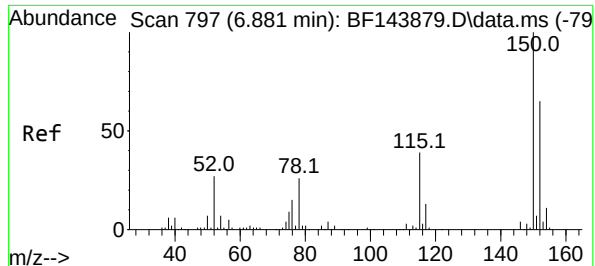
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143878.D
Acq On : 06 Oct 2025 11:56
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Oct 06 15:38:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

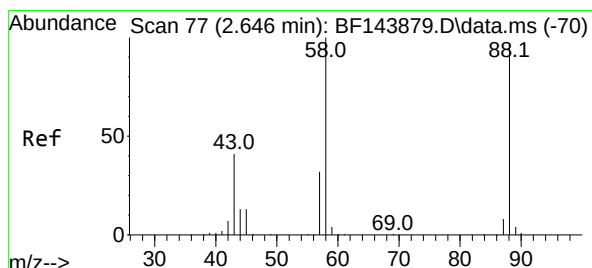
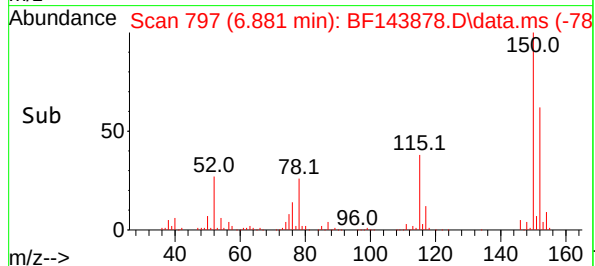
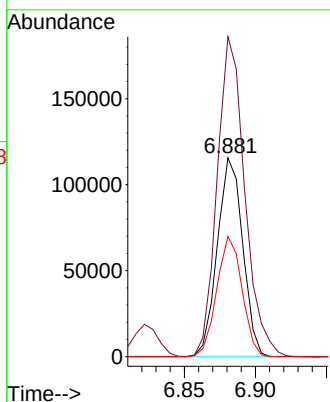
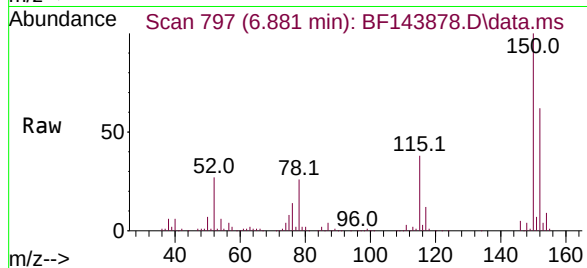




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

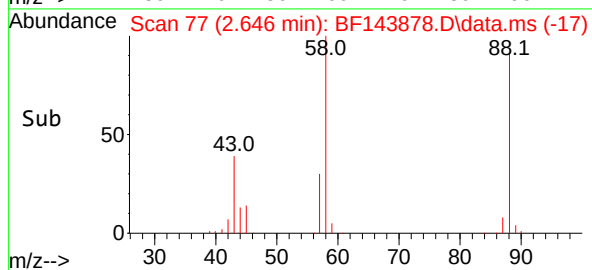
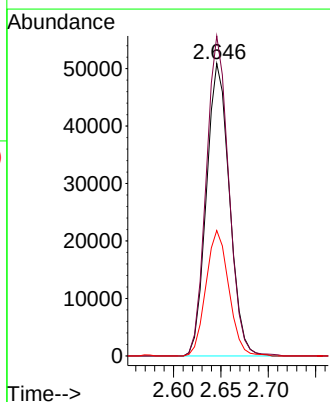
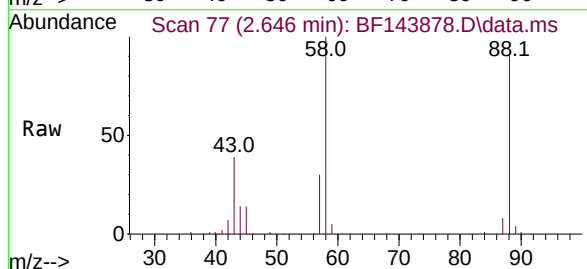
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

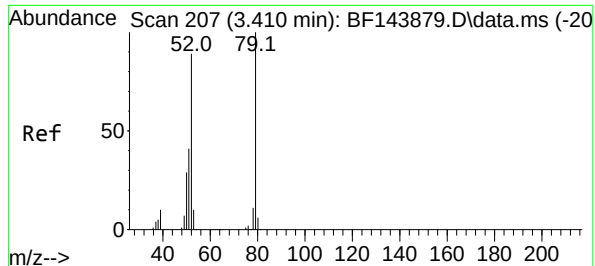
Tgt Ion:152 Resp: 144072
Ion Ratio Lower Upper
152 100
150 160.9 124.4 186.6
115 60.4 48.1 72.1



#2
1,4-Dioxane
Concen: 20.503 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 88 Resp: 86079
Ion Ratio Lower Upper
88 100
58 107.3 83.0 124.6
43 42.6 33.9 50.9

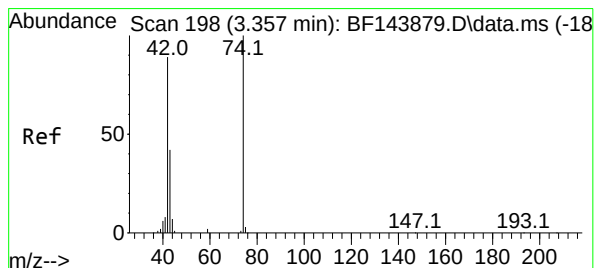
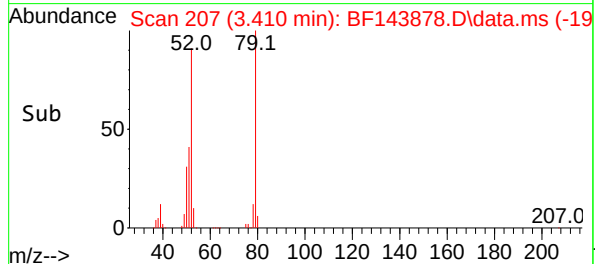
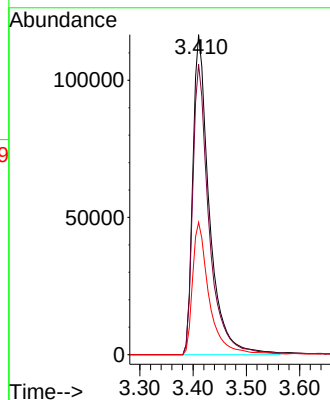
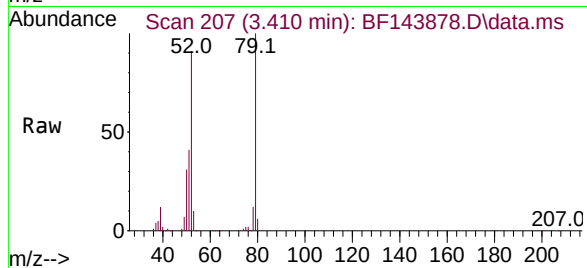




#3
Pyridine
Concen: 20.618 ng
RT: 3.410 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

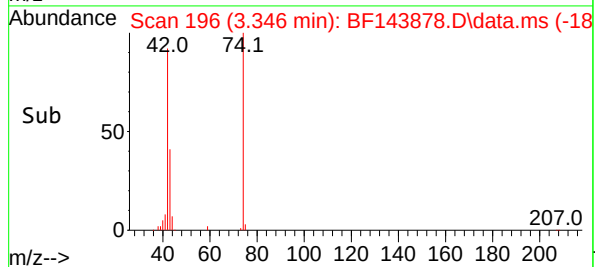
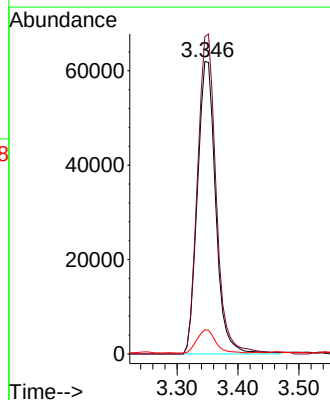
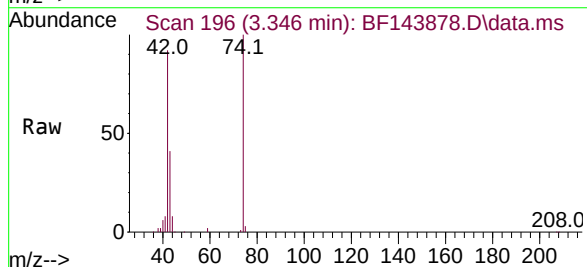
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

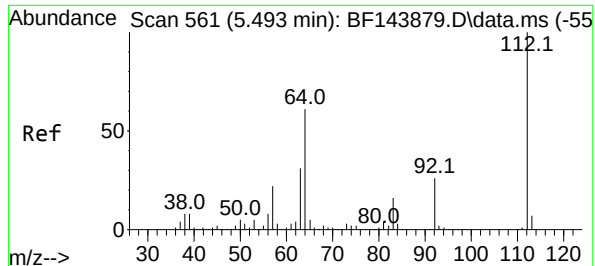
Tgt Ion: 79 Resp: 251988
Ion Ratio Lower Upper
79 100
52 90.7 71.5 107.3
51 41.3 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 20.051 ng
RT: 3.346 min Scan# 196
Delta R.T. -0.041 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 42 Resp: 128915
Ion Ratio Lower Upper
42 100
74 108.5 90.0 135.0
44 8.2 6.2 9.2

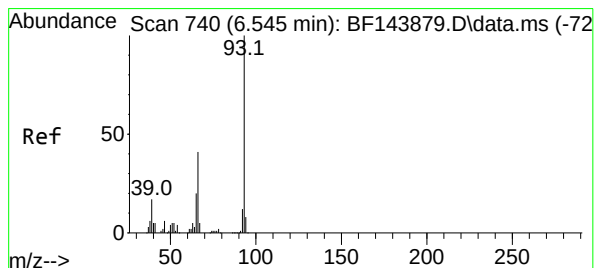
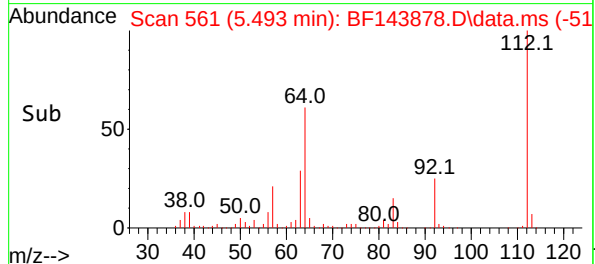
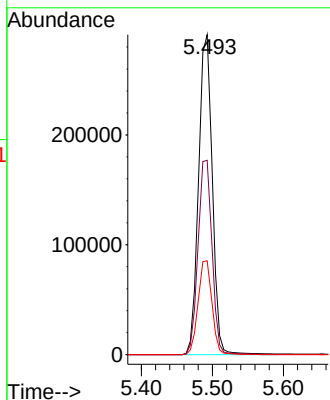
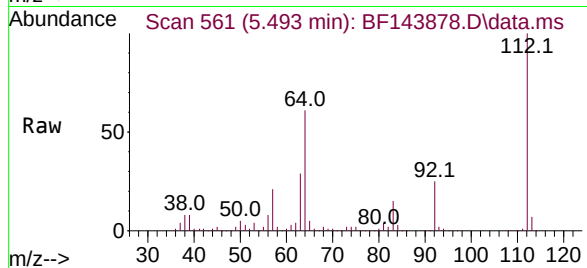




#5
2-Fluorophenol
Concen: 42.947 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

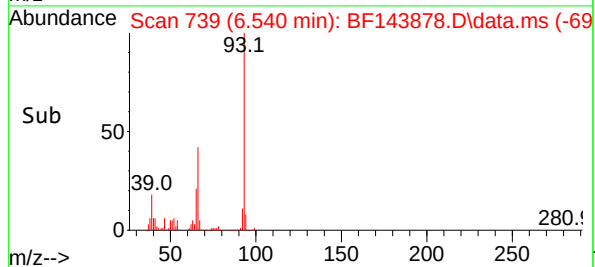
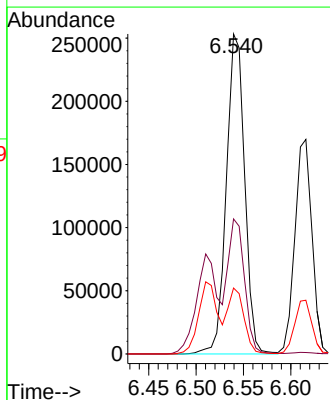
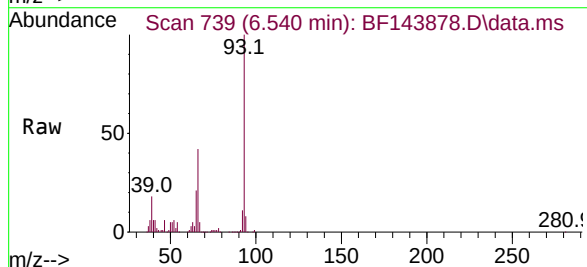
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

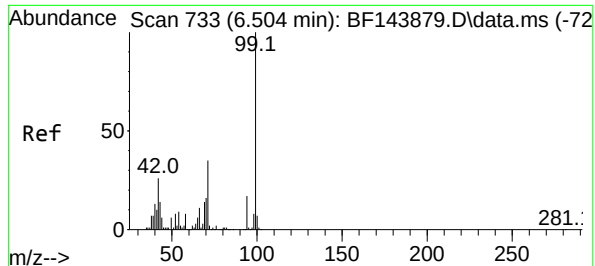
Tgt Ion:112 Resp: 389641
Ion Ratio Lower Upper
112 100
64 60.7 49.1 73.7
63 29.3 24.5 36.7



#6
Aniline
Concen: 20.994 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 340202
Ion Ratio Lower Upper
93 100
66 42.2 33.0 49.6
65 20.6 15.8 23.8

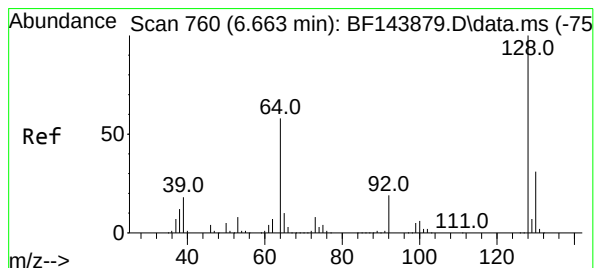
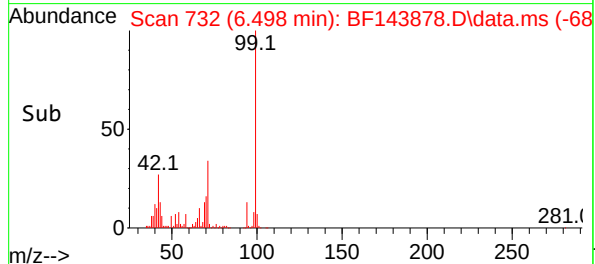
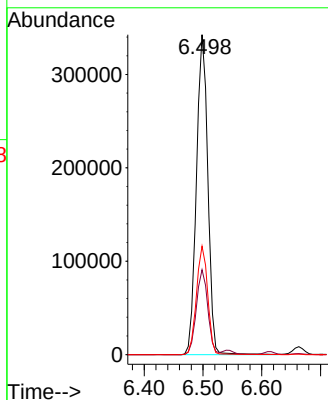
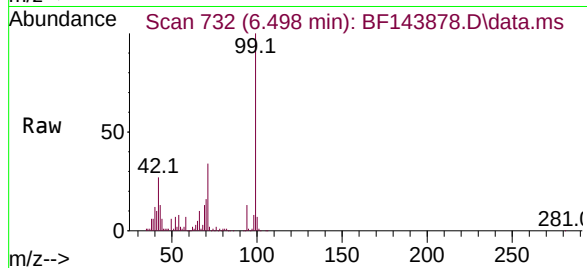




#7
Phenol-d6
Concen: 42.670 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

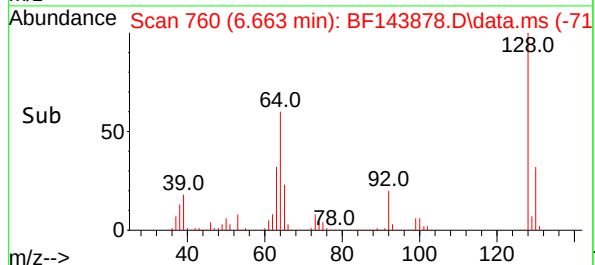
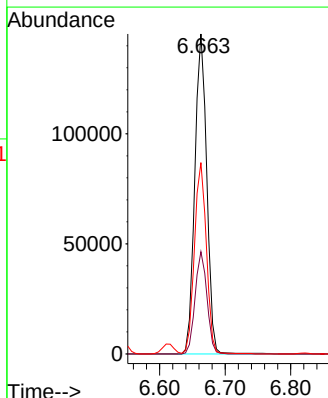
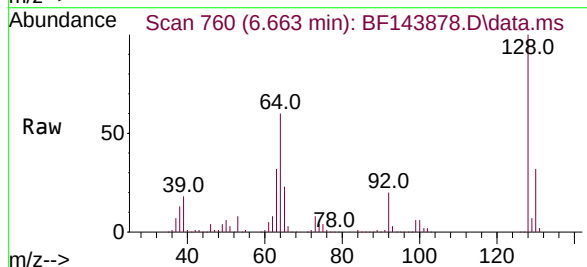
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

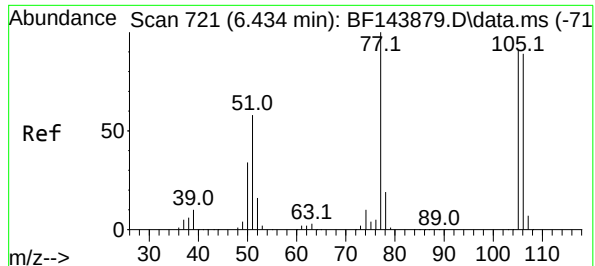
Tgt Ion: 99 Resp: 461437
Ion Ratio Lower Upper
99 100
42 26.5 21.0 31.4
71 33.9 27.8 41.8



#8
2-Chlorophenol
Concen: 20.704 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 128 Resp: 183611
Ion Ratio Lower Upper
128 100
130 31.9 10.7 50.7
64 59.8 39.0 79.0





#9

Benzaldehyde

Concen: 17.715 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

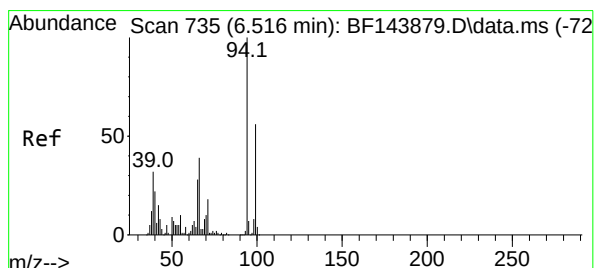
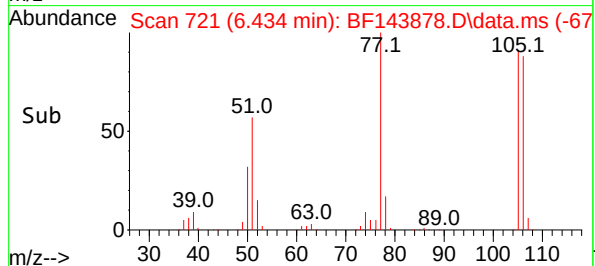
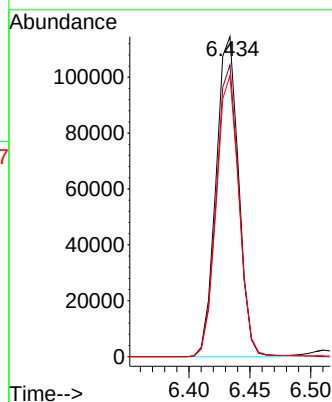
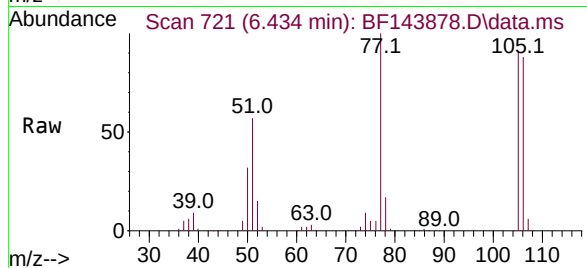
Tgt Ion: 77 Resp: 147781

Ion Ratio Lower Upper

77 100

105 91.2 70.9 110.9

106 87.8 68.9 108.9



#10

Phenol

Concen: 21.046 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

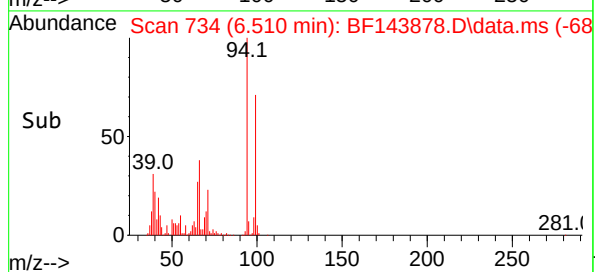
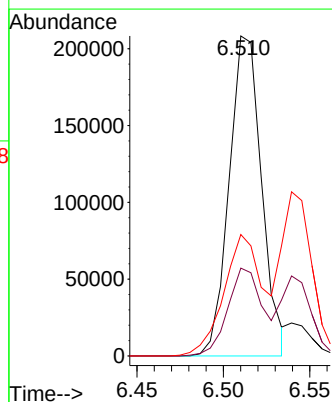
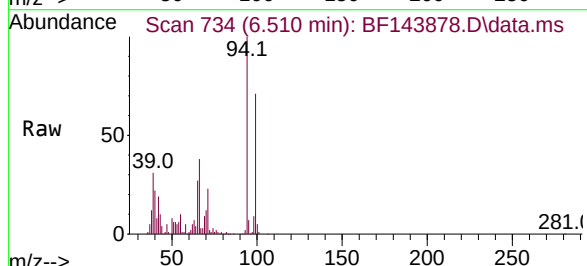
Tgt Ion: 94 Resp: 272100

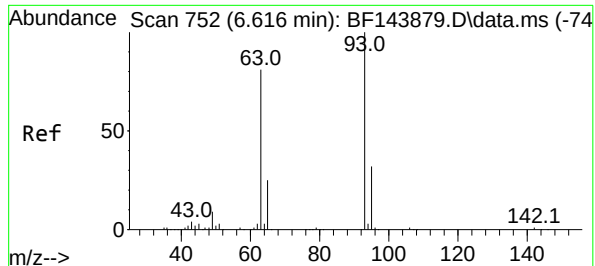
Ion Ratio Lower Upper

94 100

65 27.4 8.5 48.5

66 37.9 19.9 59.9

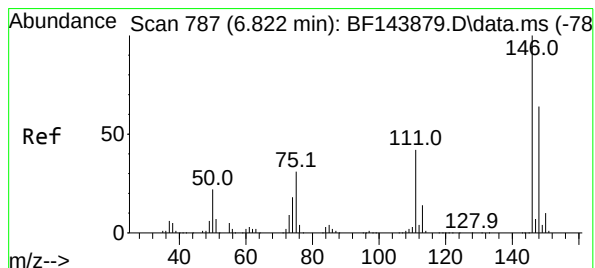
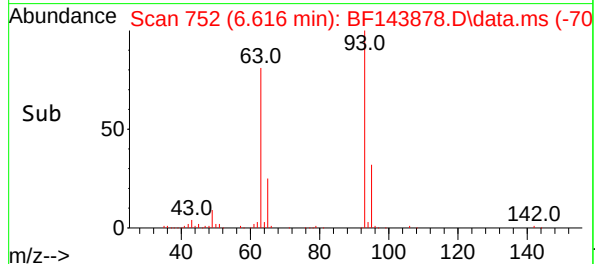
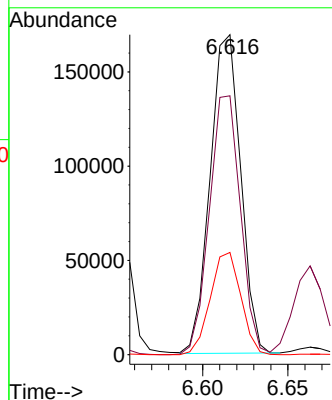
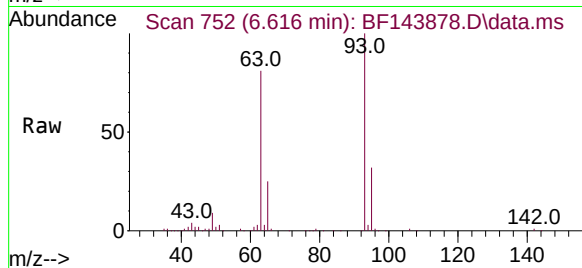




#11
bis(2-Chloroethyl)ether
Concen: 21.157 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

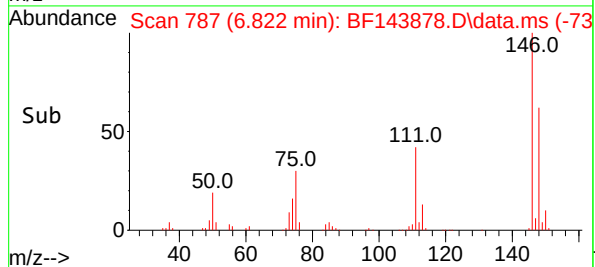
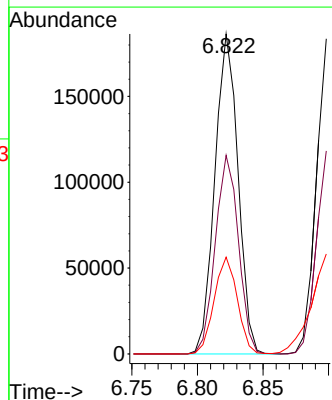
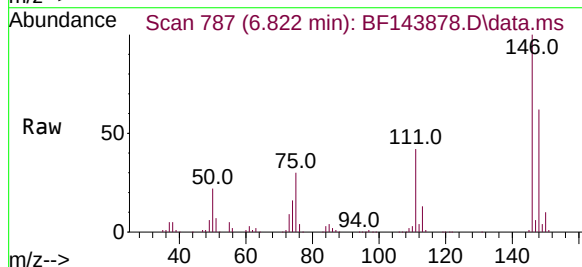
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

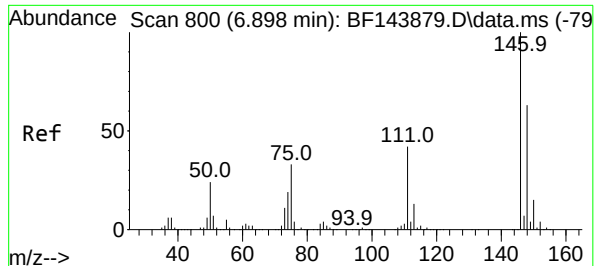
Tgt Ion: 93 Resp: 211296
Ion Ratio Lower Upper
93 100
63 80.9 60.9 100.9
95 31.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 21.566 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 146 Resp: 228938
Ion Ratio Lower Upper
146 100
148 62.0 51.0 76.4
75 30.2 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 21.554 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

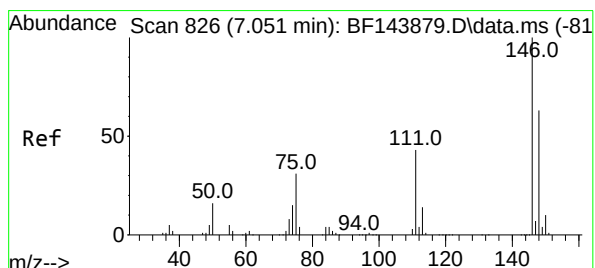
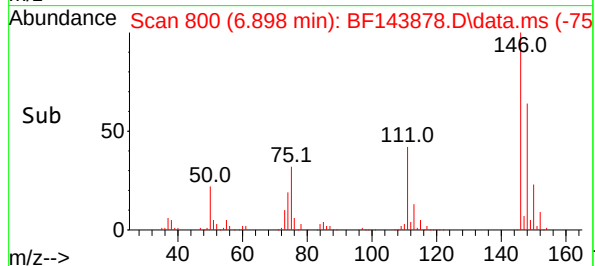
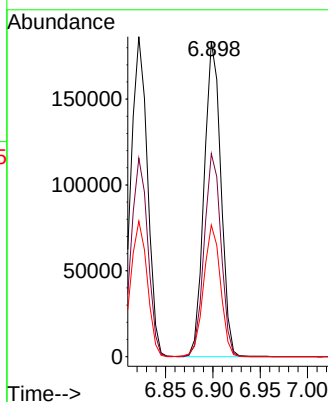
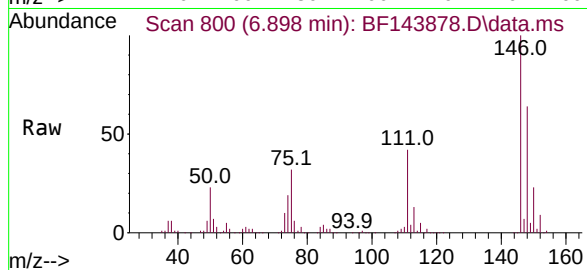
Tgt Ion:146 Resp: 225703

Ion Ratio Lower Upper

146 100

148 64.4 50.5 75.7

111 41.8 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 21.555 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

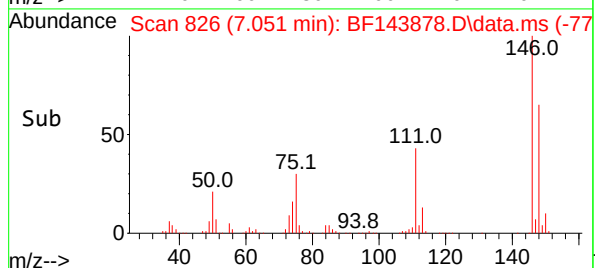
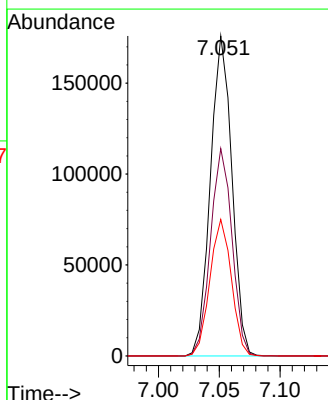
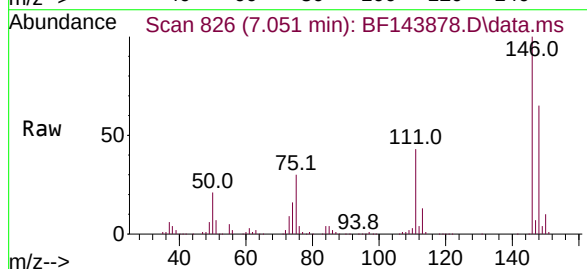
Tgt Ion:146 Resp: 216196

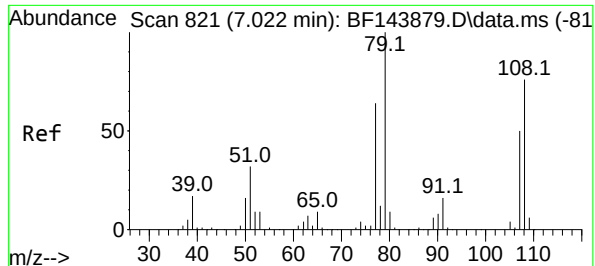
Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

111 42.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 20.241 ng

RT: 7.016 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

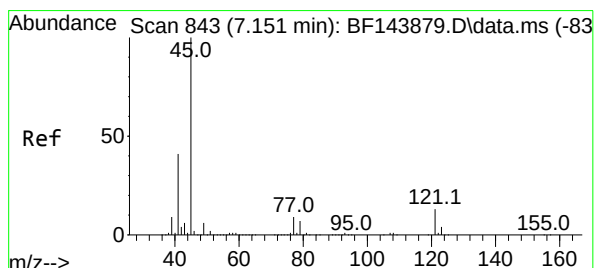
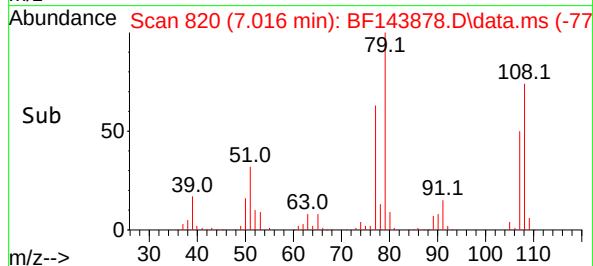
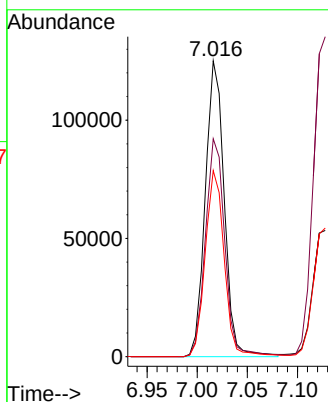
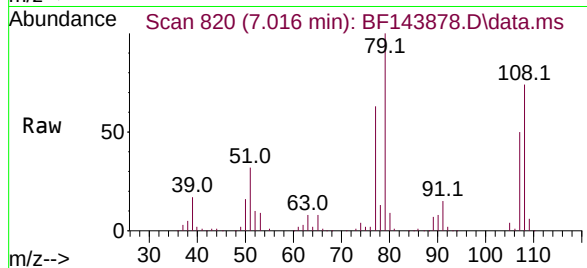
Tgt Ion: 79 Resp: 164008

Ion Ratio Lower Upper

79 100

108 73.6 60.8 91.2

77 62.9 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.745 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

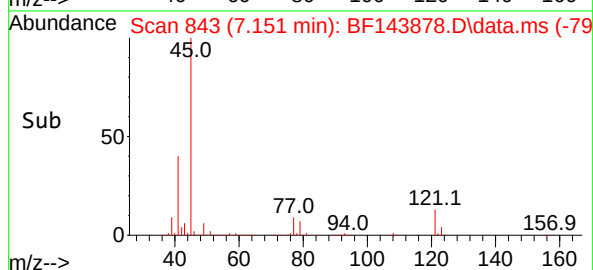
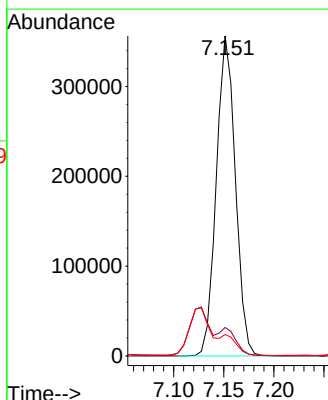
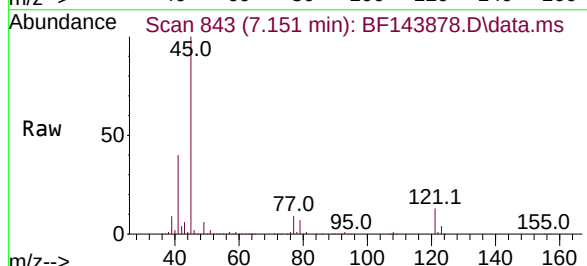
Tgt Ion: 45 Resp: 471598

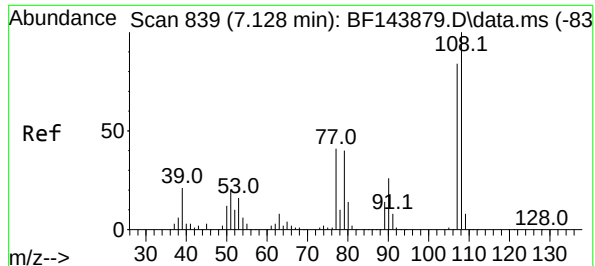
Ion Ratio Lower Upper

45 100

77 8.9 0.0 29.0

79 6.7 0.0 26.8

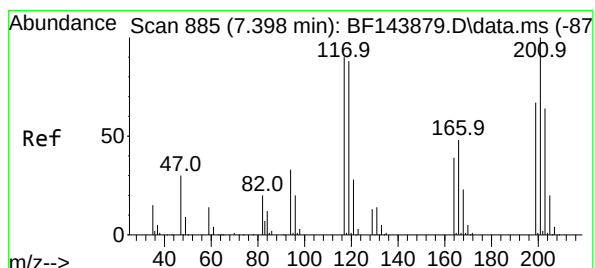
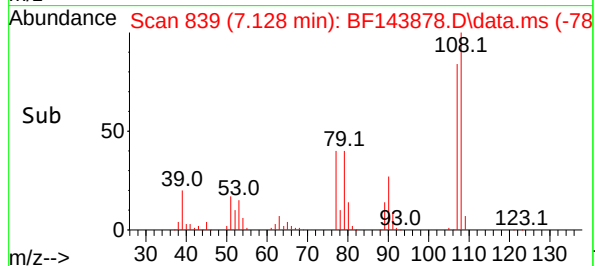
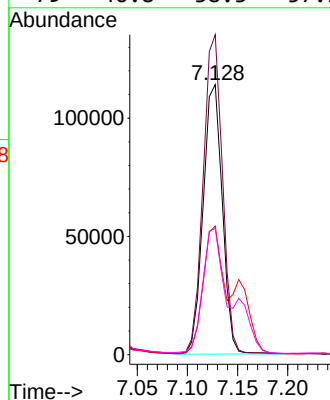
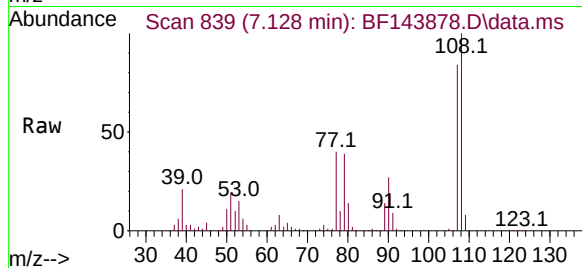




#17
2-Methylphenol
Concen: 20.616 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

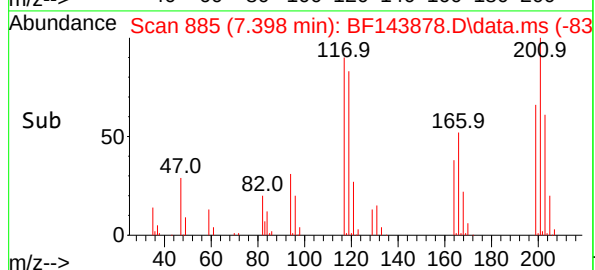
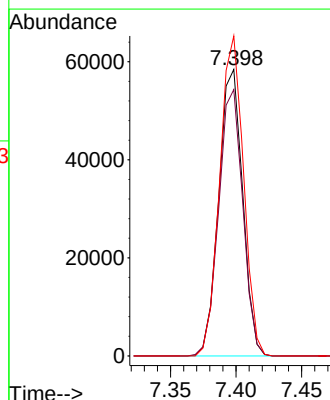
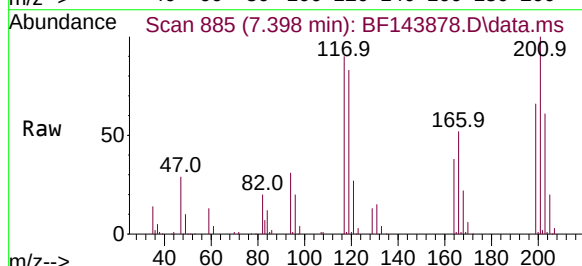
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

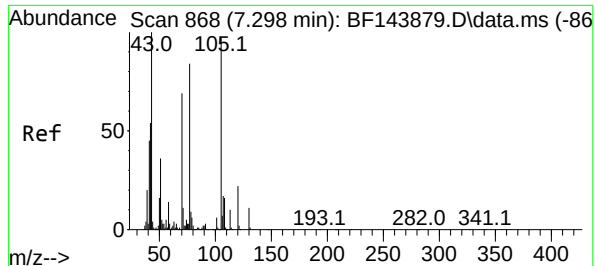
Tgt Ion:	107	Resp:	151099
Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.7	142.1
77	47.6	38.8	58.2
79	46.8	38.3	57.5



#18
Hexachloroethane
Concen: 21.232 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:	117	Resp:	74147
Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.8	116.8
201	111.7	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 20.512 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.029 min

Lab File: BF143878.D

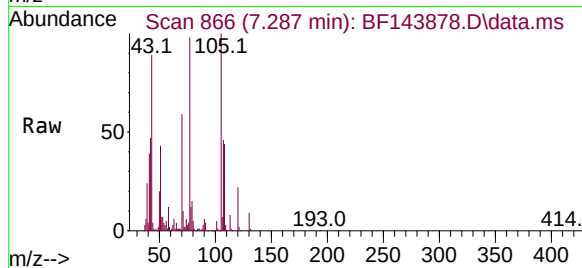
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 70 Resp: 151838

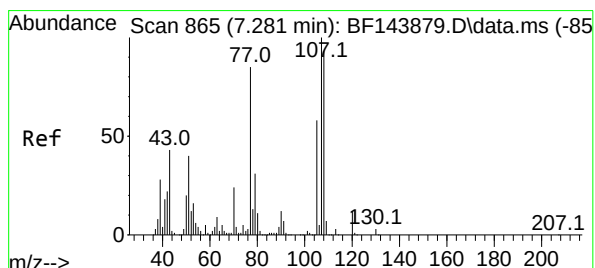
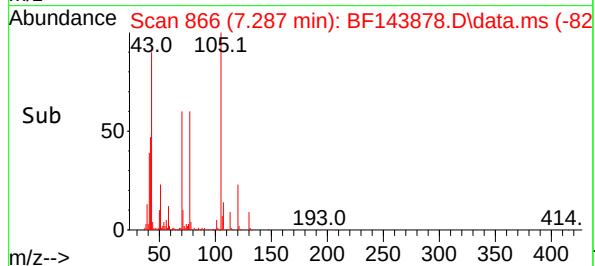
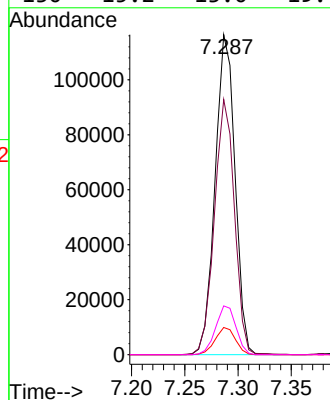
Ion Ratio Lower Upper

70 100

42 79.7 62.8 94.2

101 8.5 6.7 10.1

130 15.2 13.0 19.4



#20

3+4-Methylphenols

Concen: 22.753 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion: 107 Resp: 193273

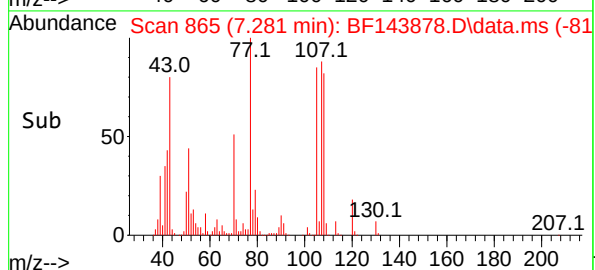
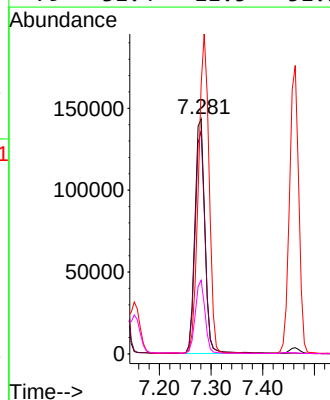
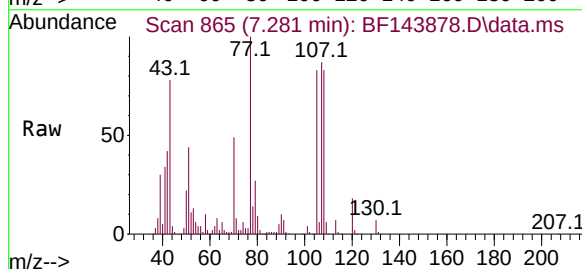
Ion Ratio Lower Upper

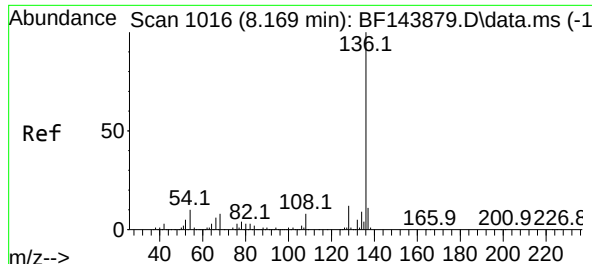
107 100

108 94.8 73.0 113.0

77 114.7 64.6 104.6#

79 31.4 11.5 51.5



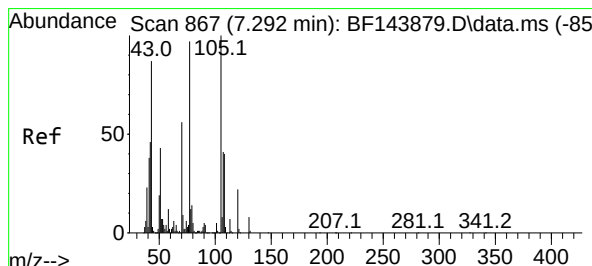
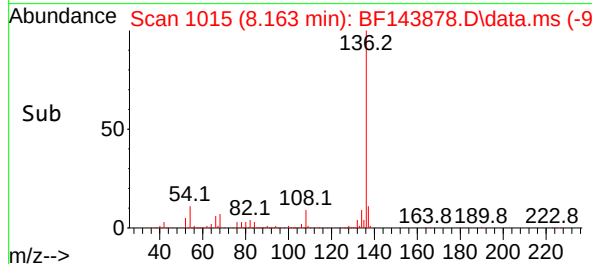
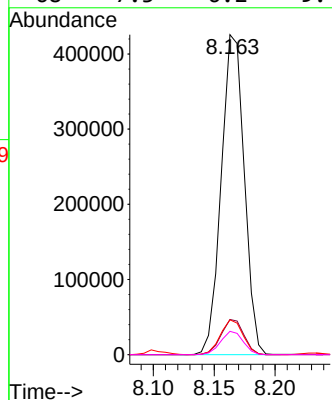
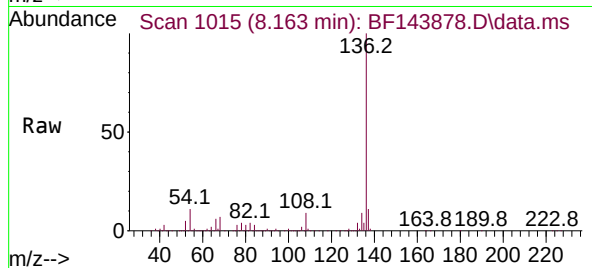


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 561772

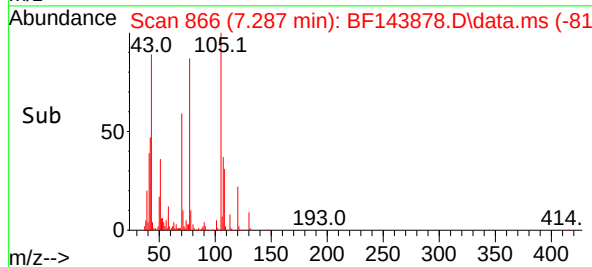
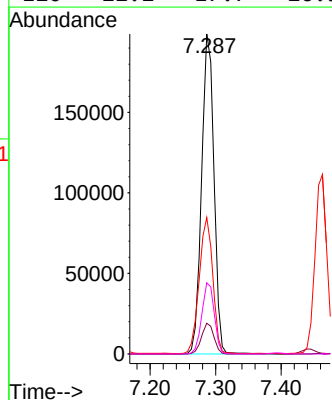
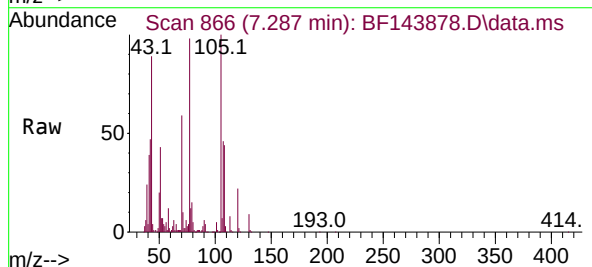
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.9	8.2	12.4
68	7.3	6.2	9.4

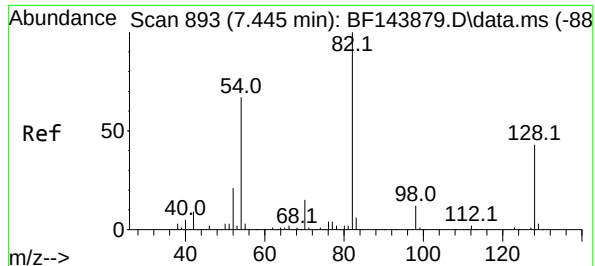


#22
Acetophenone
Concen: 21.837 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:105 Resp: 259382

Ion	Ratio	Lower	Upper
105	100		
71	9.6	7.4	11.0
51	42.6	34.2	51.4
120	22.2	17.7	26.5

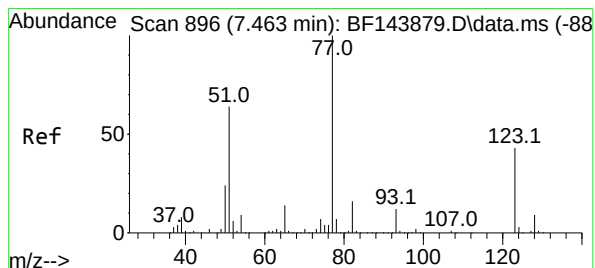
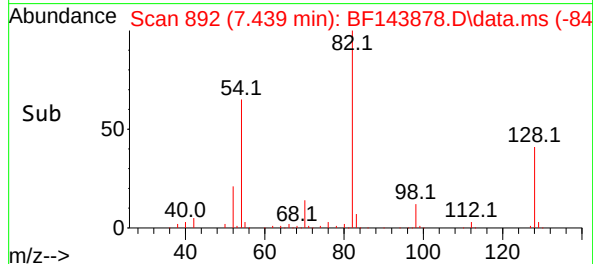
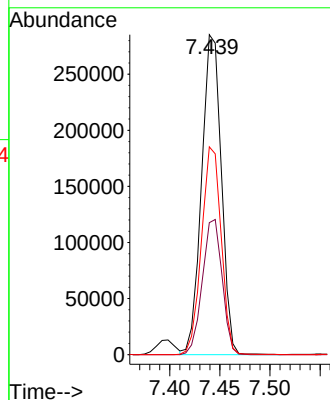
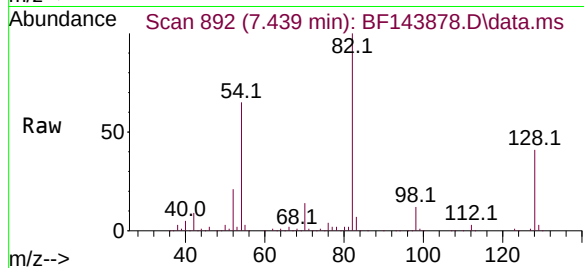




#23
Nitrobenzene-d5
Concen: 42.133 ng
RT: 7.439 min Scan# 891
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

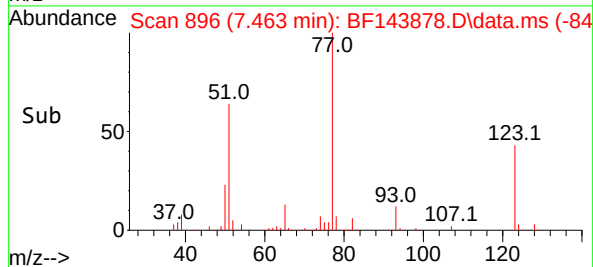
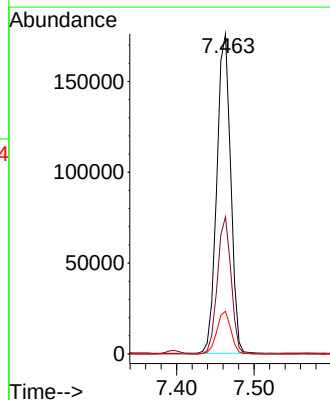
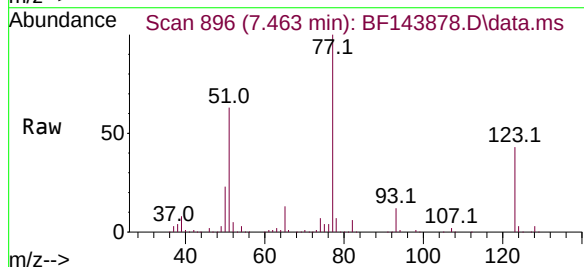
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

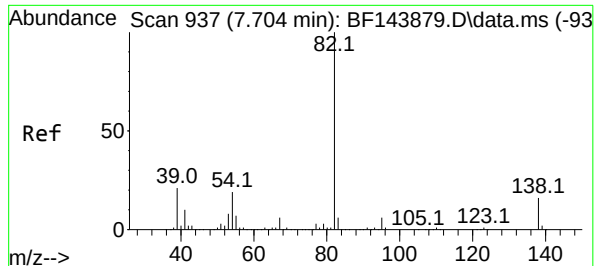
Tgt Ion: 82 Resp: 389584
Ion Ratio Lower Upper
82 100
128 41.2 34.0 51.0
54 64.9 53.2 79.8



#24
Nitrobenzene
Concen: 21.279 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 77 Resp: 218497
Ion Ratio Lower Upper
77 100
123 42.8 34.2 51.4
65 13.3 11.0 16.6





#25

Isophorone

Concen: 20.393 ng

RT: 7.698 min Scan# 937

Delta R.T. -0.023 min

Lab File: BF143878.D

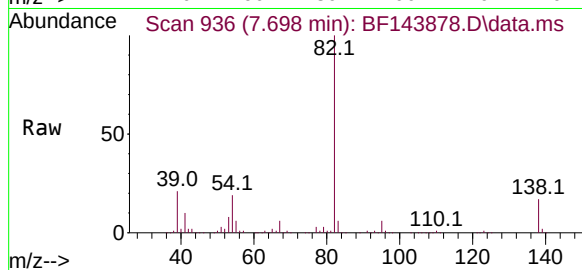
Acq: 06 Oct 2025 11:56

Instrument :

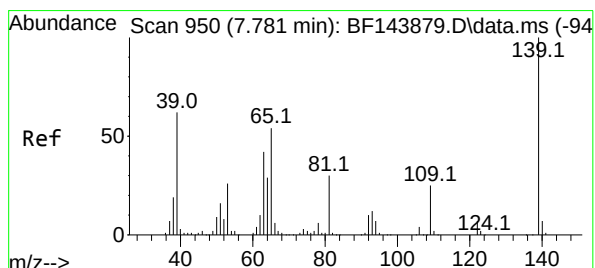
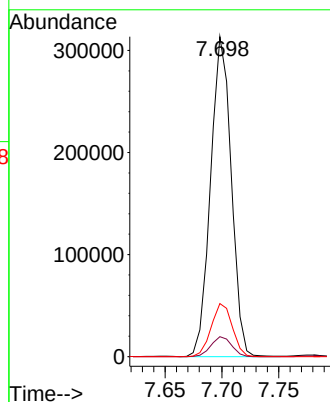
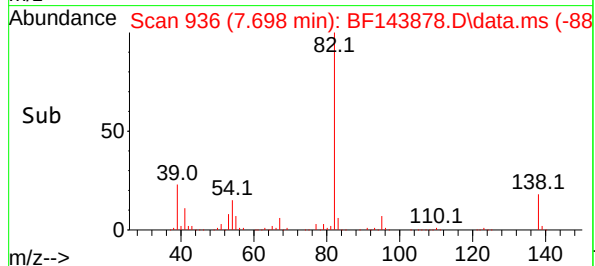
BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:	82	Resp:	397606
Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.1	7.7
138	16.6	12.9	19.3



#26

2-Nitrophenol

Concen: 20.747 ng

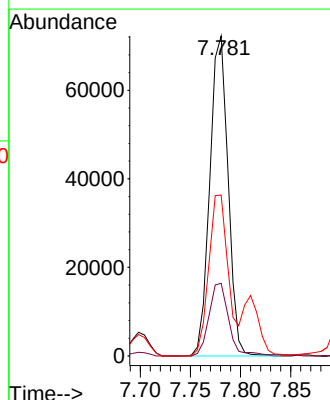
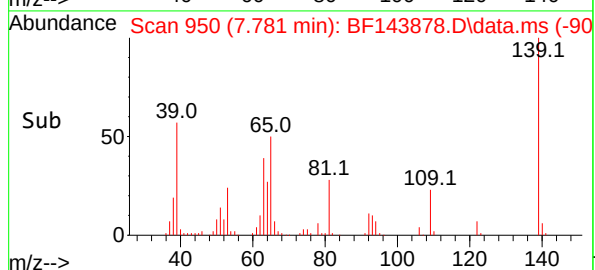
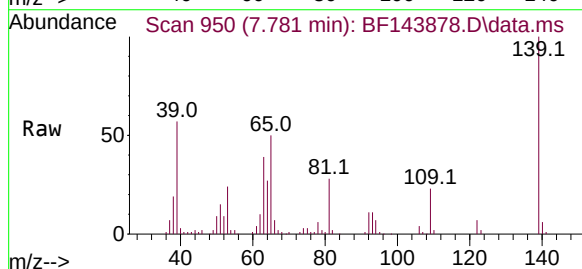
RT: 7.781 min Scan# 950

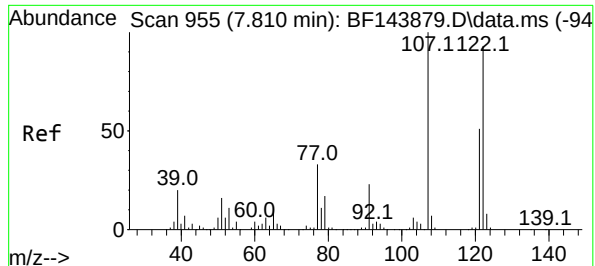
Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:	139	Resp:	91336
Ion	Ratio	Lower	Upper
139	100		
109	22.7	19.8	29.6
65	50.3	42.9	64.3





#27

2,4-Dimethylphenol

Concen: 20.682 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

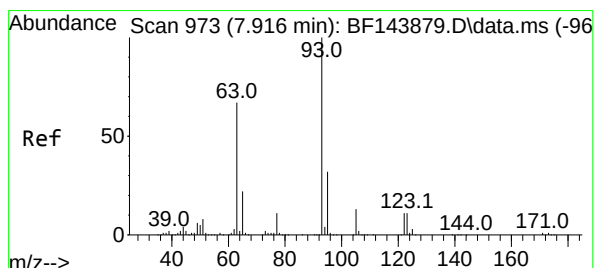
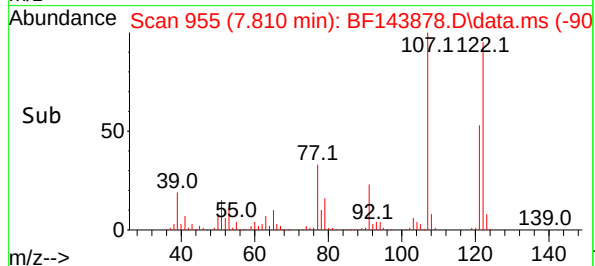
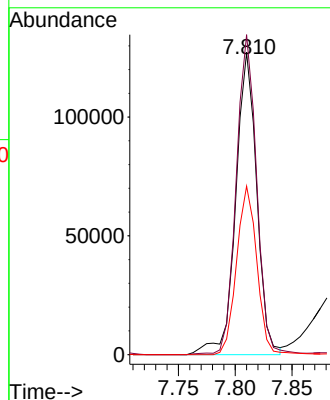
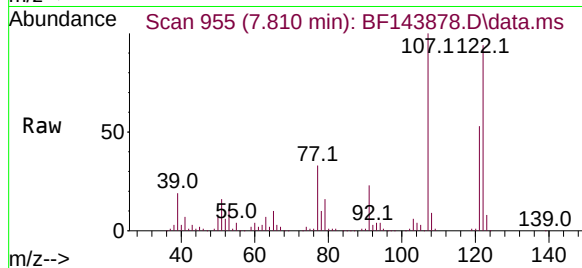
Tgt Ion:122 Resp: 163783

Ion Ratio Lower Upper

122 100

107 105.9 86.1 129.1

121 55.8 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 21.131 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

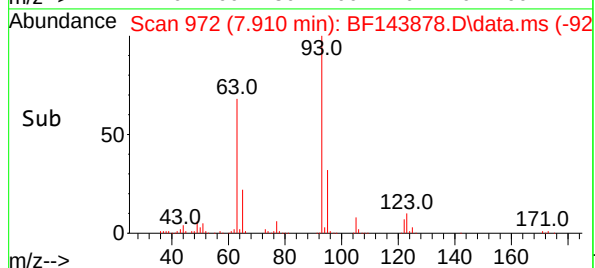
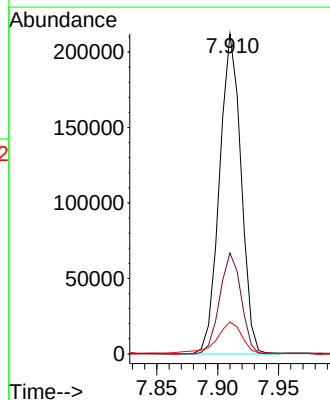
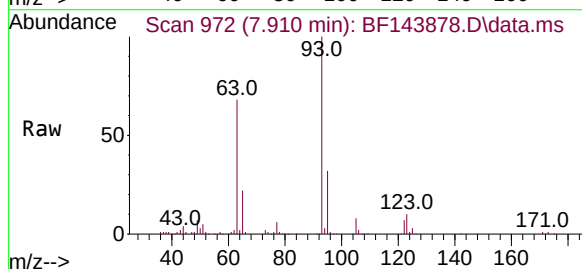
Tgt Ion: 93 Resp: 260252

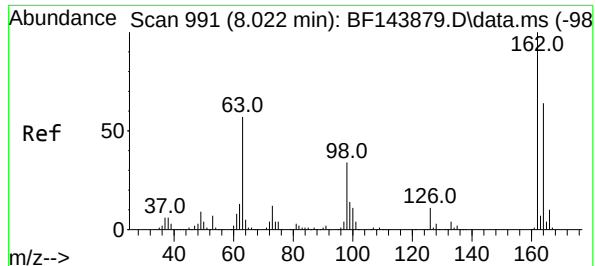
Ion Ratio Lower Upper

93 100

95 31.5 25.9 38.9

123 10.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 21.328 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

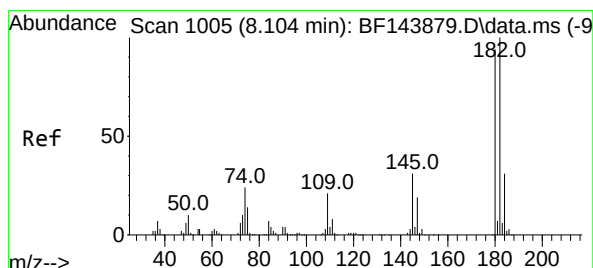
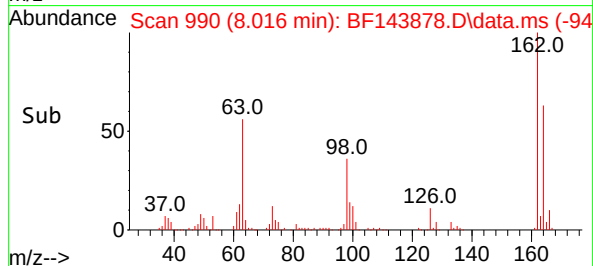
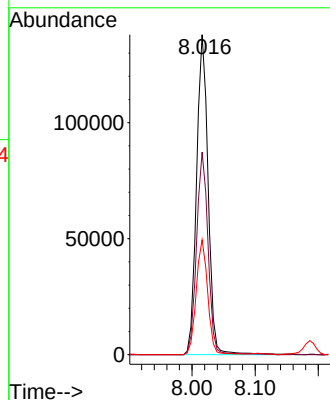
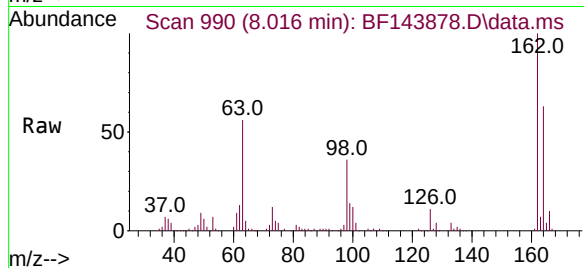
Tgt Ion:162 Resp: 175934

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 21.234 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

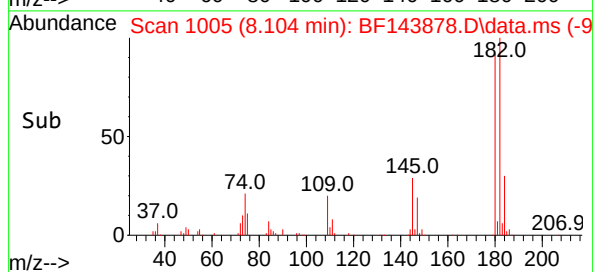
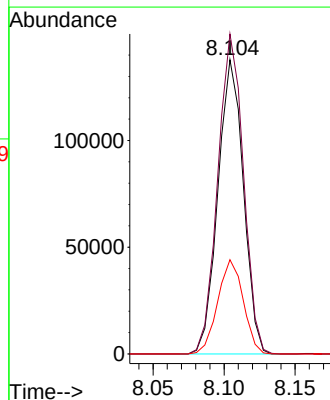
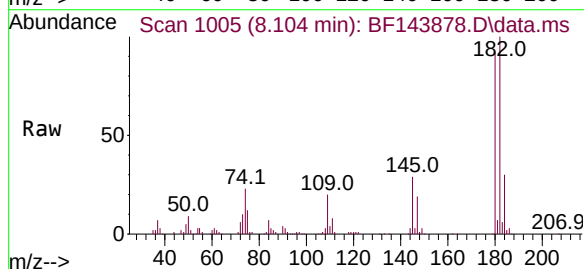
Tgt Ion:180 Resp: 172265

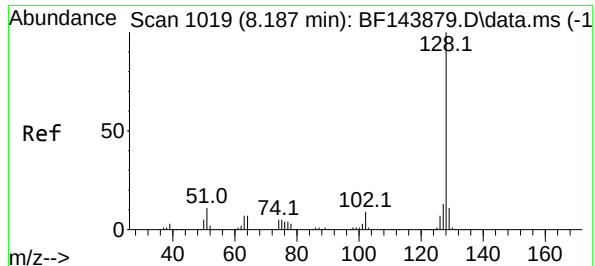
Ion Ratio Lower Upper

180 100

182 108.8 85.4 128.0

145 32.0 26.3 39.5

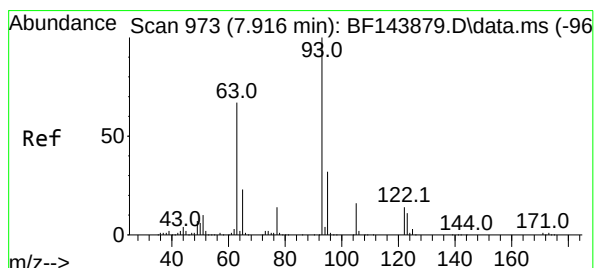
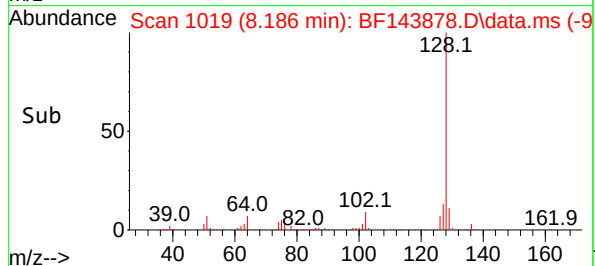
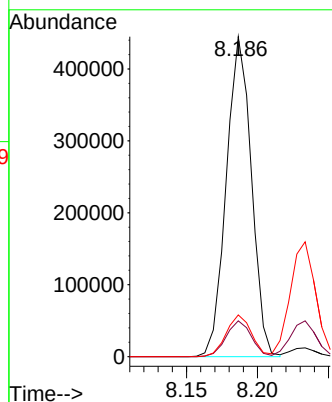
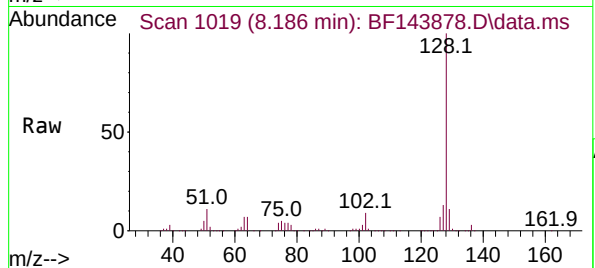




#31
Naphthalene
Concen: 21.365 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

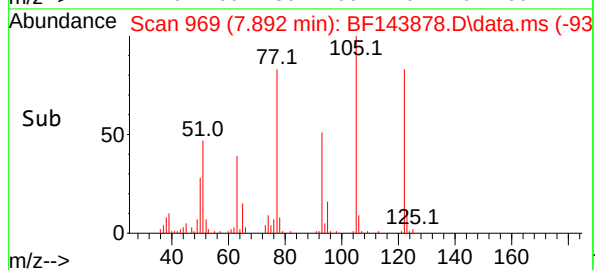
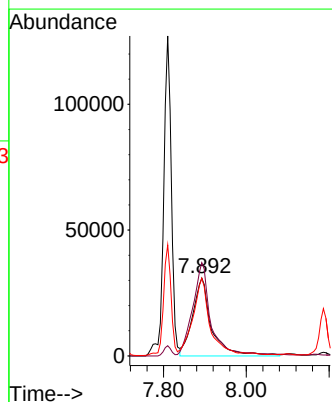
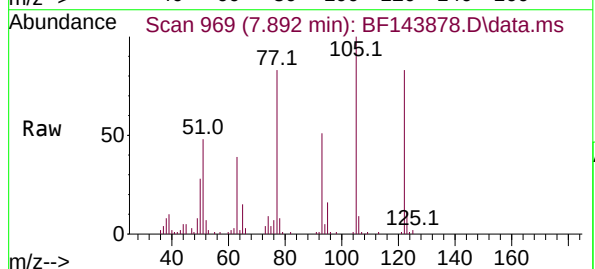
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

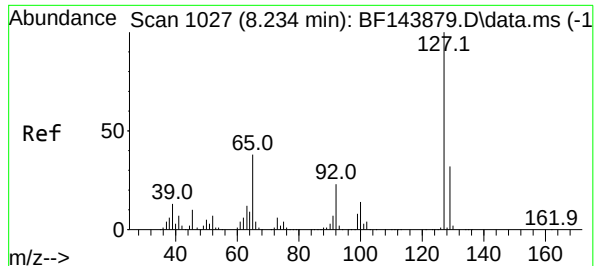
Tgt Ion:128 Resp: 545971
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.0 15.0



#32
Benzoic acid
Concen: 17.912 ng m
RT: 7.892 min Scan# 969
Delta R.T. -0.071 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:122 Resp: 98172
Ion Ratio Lower Upper
122 100
105 120.1 93.5 133.5
77 100.0 76.3 116.3

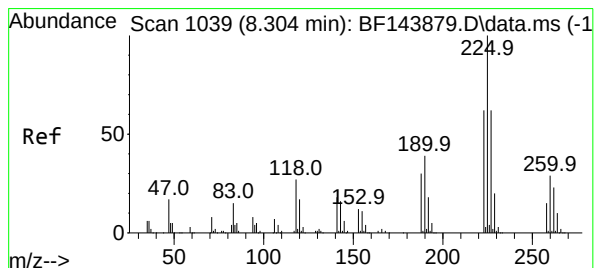
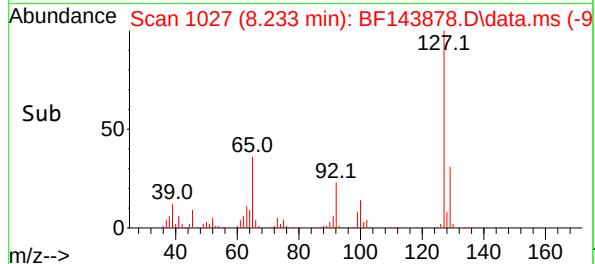
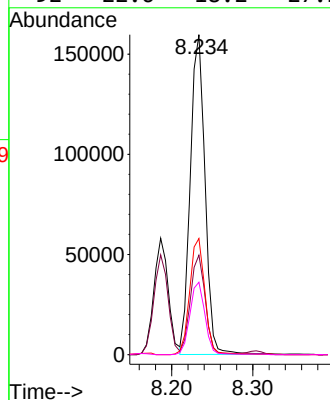
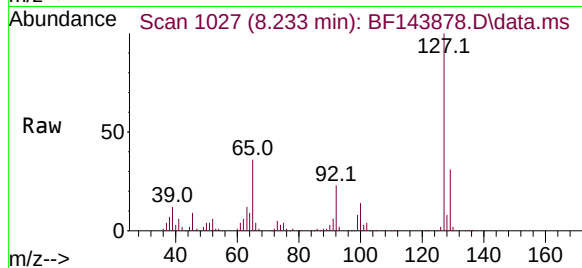




#33
4-Chloroaniline
Concen: 20.924 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

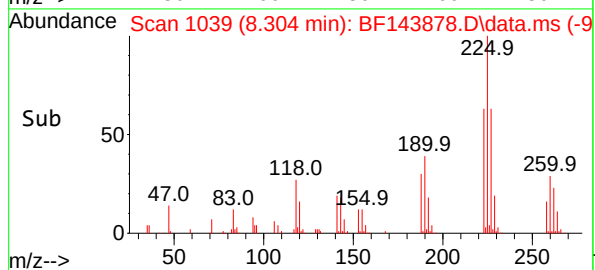
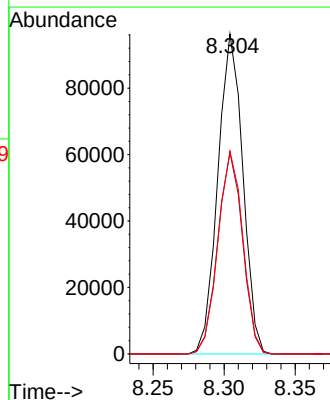
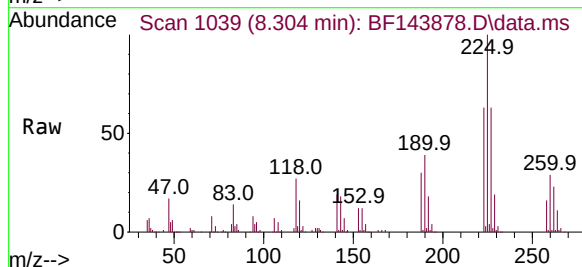
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

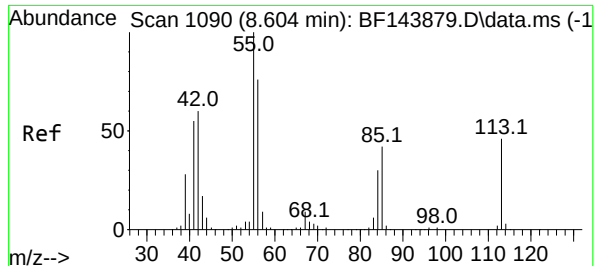
Tgt Ion:	127	Resp:	200545
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	36.3	30.0	45.0
92	22.6	18.2	27.2



#34
Hexachlorobutadiene
Concen: 20.941 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:	225	Resp:	118056
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.4	74.2
227	63.4	49.7	74.5

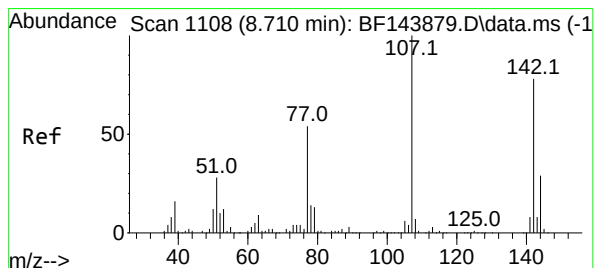
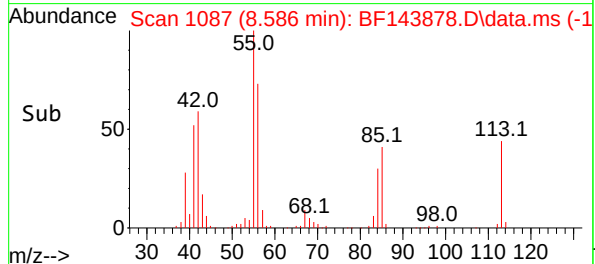
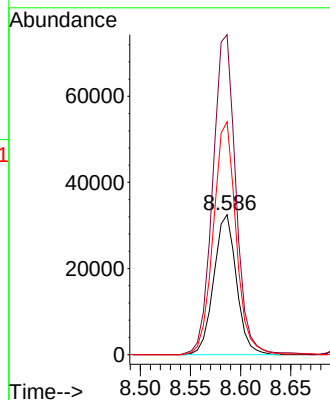
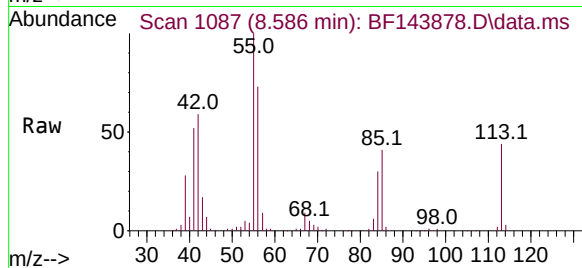




#35
Caprolactam
Concen: 19.505 ng
RT: 8.586 min Scan# 1090
Delta R.T. -0.059 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

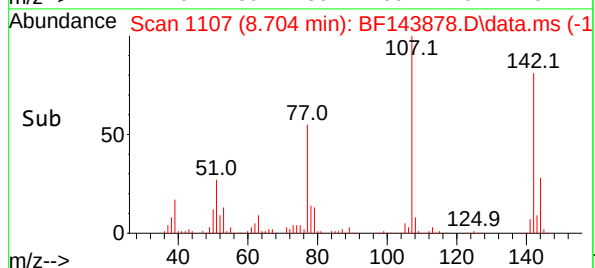
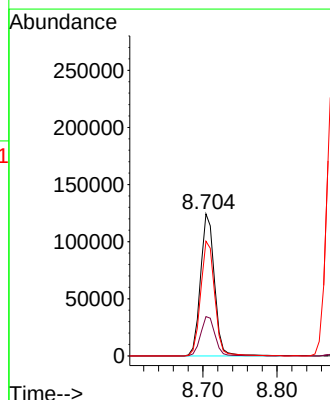
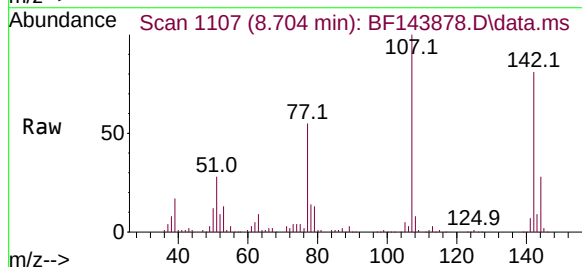
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

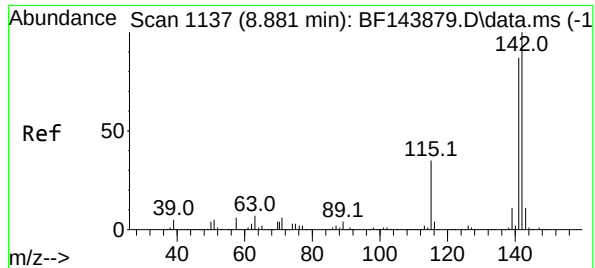
Tgt Ion	Ratio	Lower	Upper
113	100		
55	228.6	199.6	239.6
56	166.4	146.0	186.0



#36
4-Chloro-3-methylphenol
Concen: 20.524 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	23.1	34.7
142	80.8	62.6	94.0





#37

2-Methylnaphthalene

Concen: 21.583 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

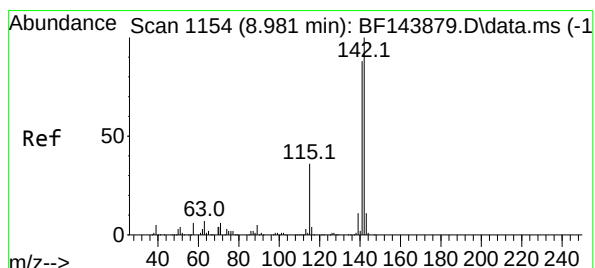
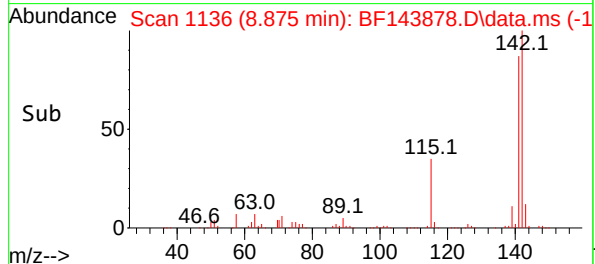
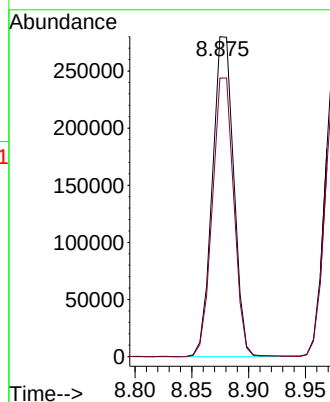
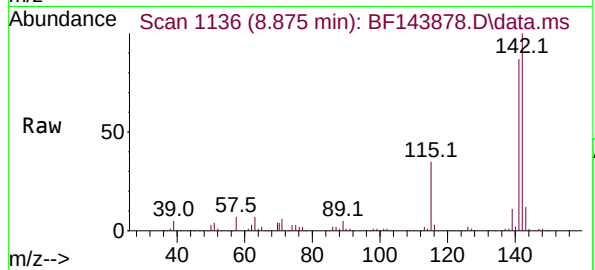
SSTDICC020

Tgt Ion:142 Resp: 367401

Ion Ratio Lower Upper

142 100

141 87.0 69.2 103.8



#38

1-Methylnaphthalene

Concen: 21.407 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143878.D

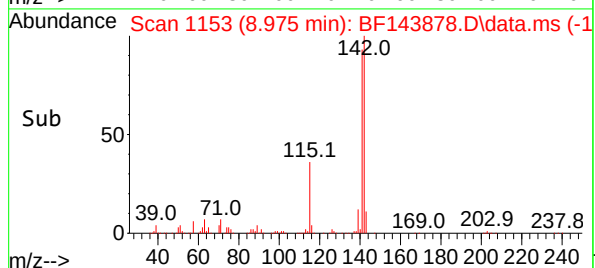
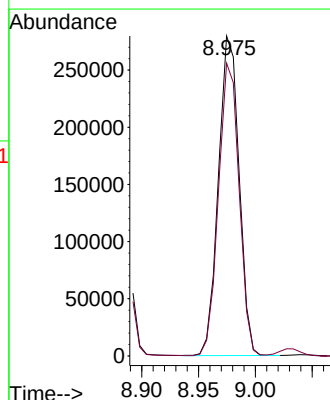
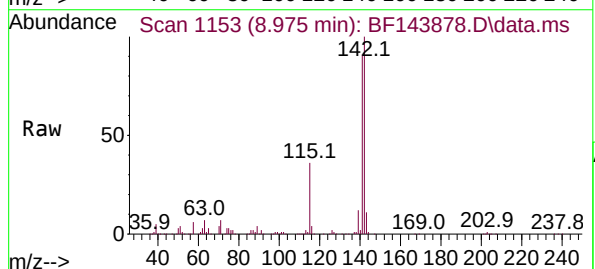
Acq: 06 Oct 2025 11:56

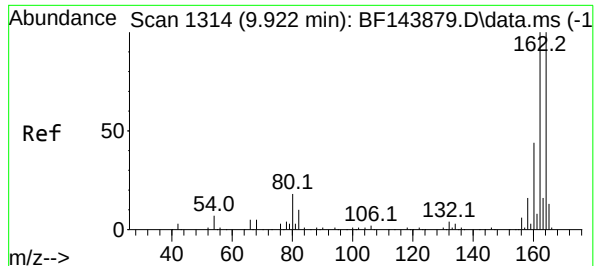
Tgt Ion:142 Resp: 353459

Ion Ratio Lower Upper

142 100

141 91.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

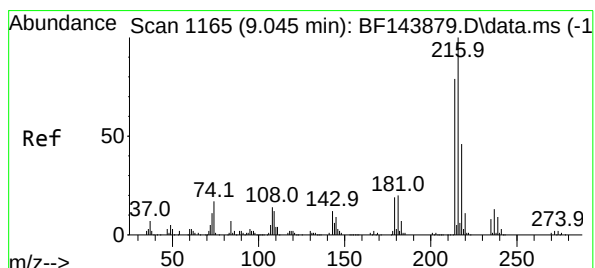
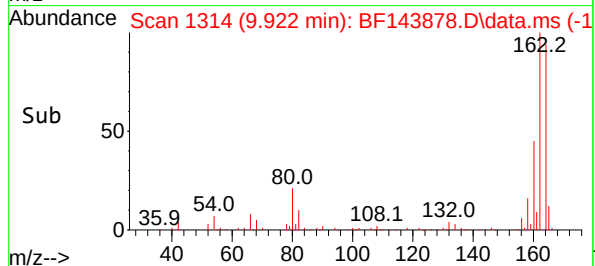
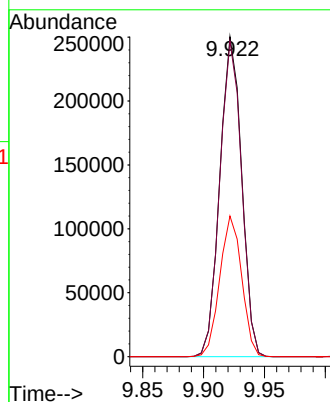
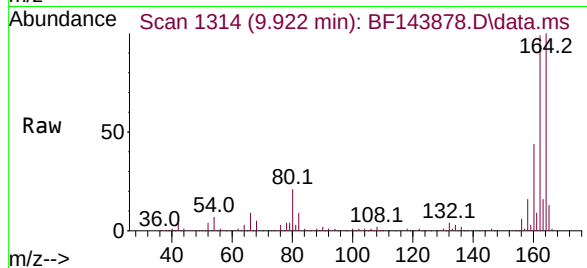
Tgt Ion:164 Resp: 311297

Ion Ratio Lower Upper

164 100

162 98.6 80.2 120.2

160 43.9 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.523 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:216 Resp: 185181

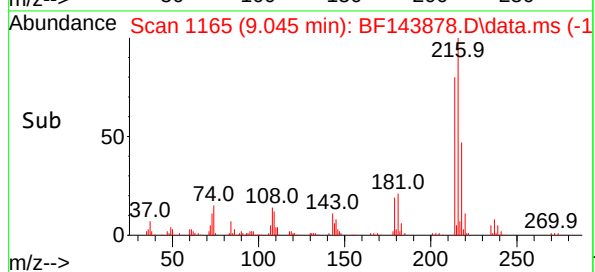
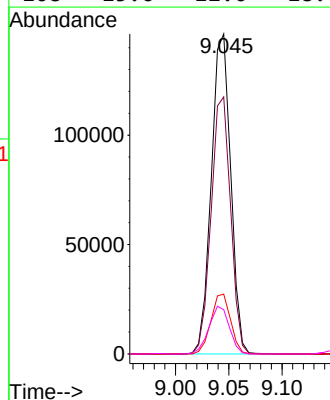
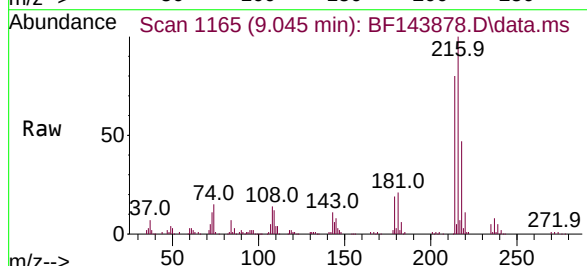
Ion Ratio Lower Upper

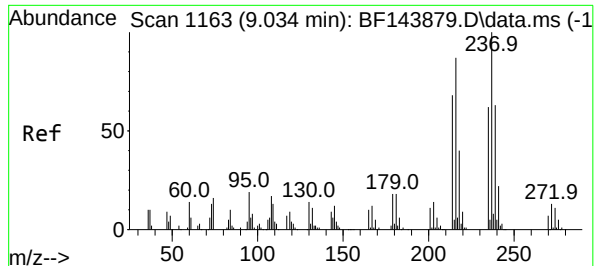
216 100

214 80.8 62.6 94.0

179 18.9 15.4 23.0

108 15.6 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 18.807 ng

RT: 9.033 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

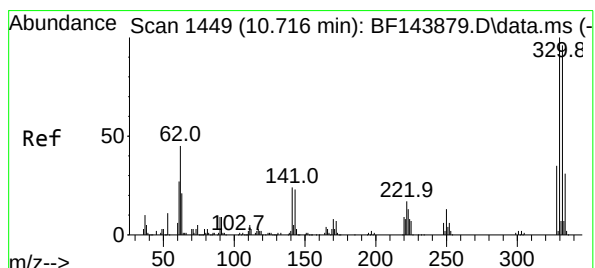
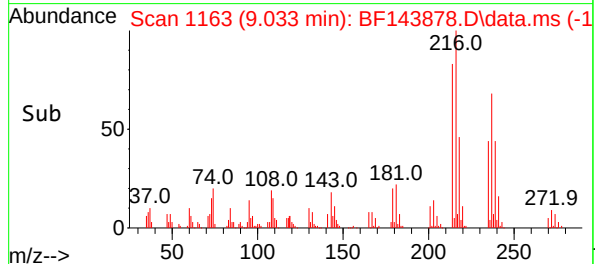
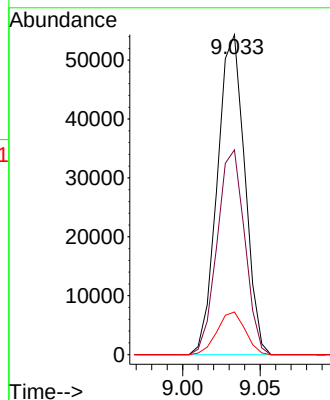
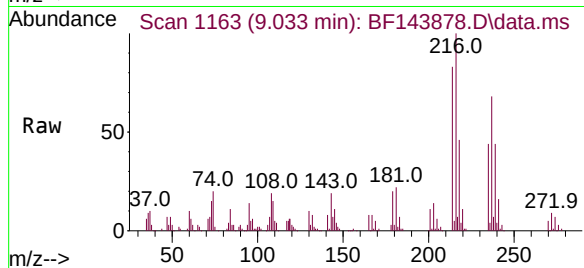
Tgt Ion:237 Resp: 67128

Ion Ratio Lower Upper

237 100

235 64.0 42.3 82.3

272 13.4 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 42.114 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

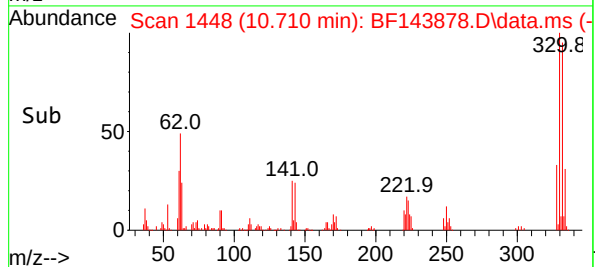
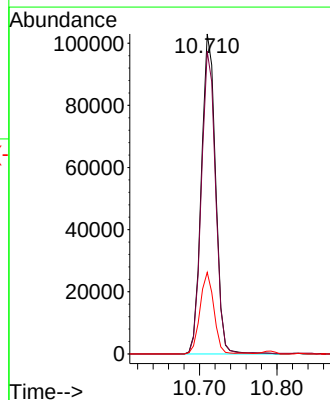
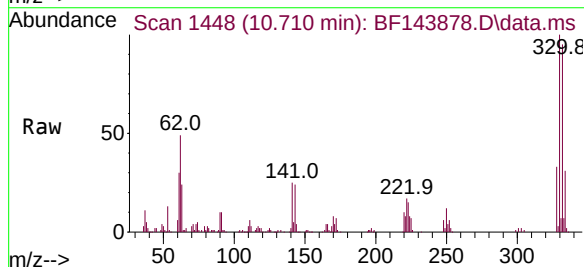
Tgt Ion:330 Resp: 130577

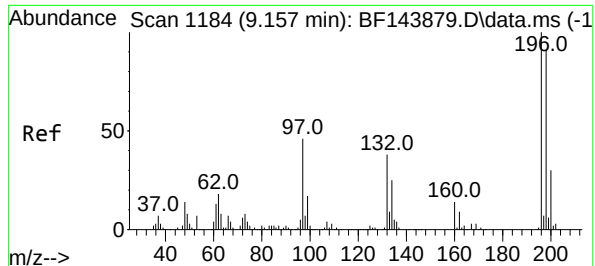
Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

141 24.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 21.116 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

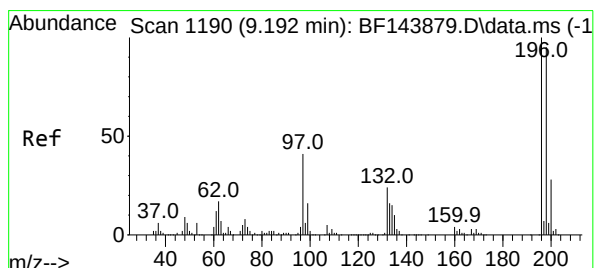
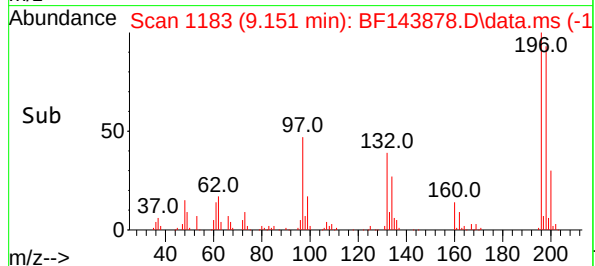
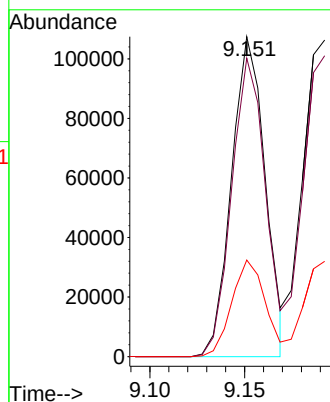
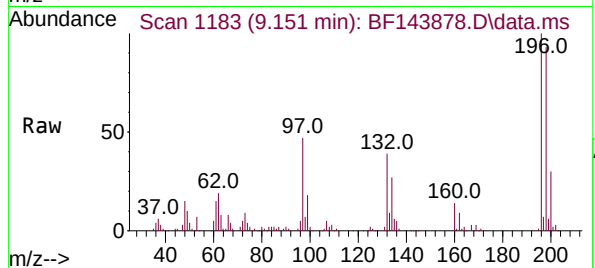
Tgt Ion:196 Resp: 132747

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

200 30.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 21.532 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:196 Resp: 143043

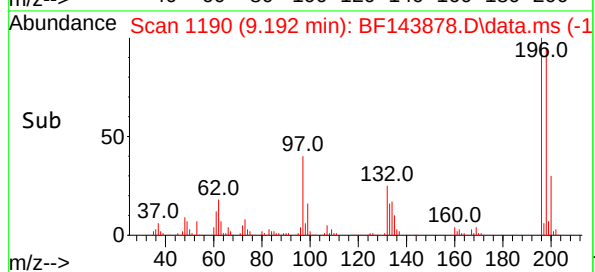
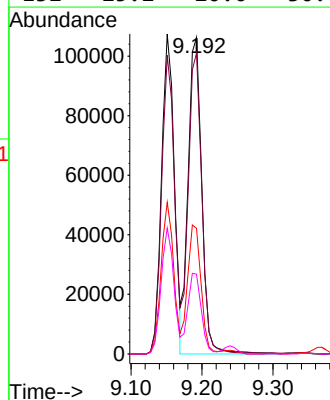
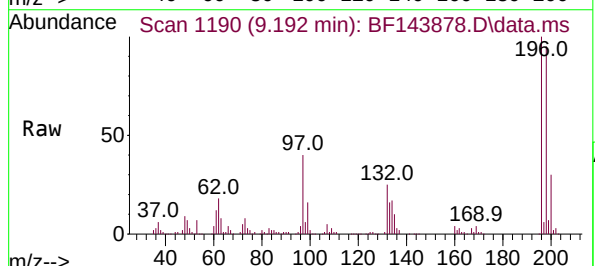
Ion Ratio Lower Upper

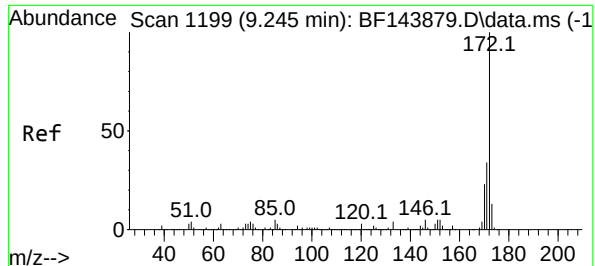
196 100

198 95.0 75.5 113.3

97 39.6 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 42.367 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

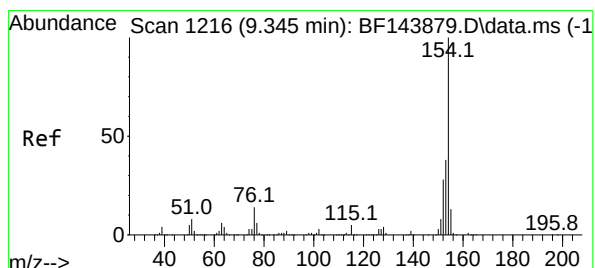
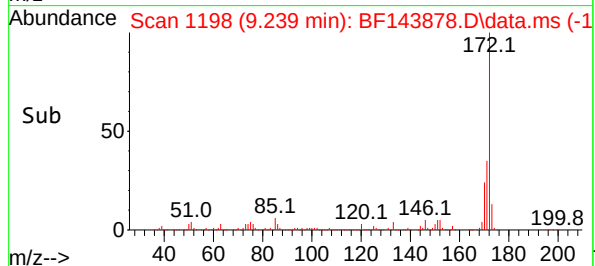
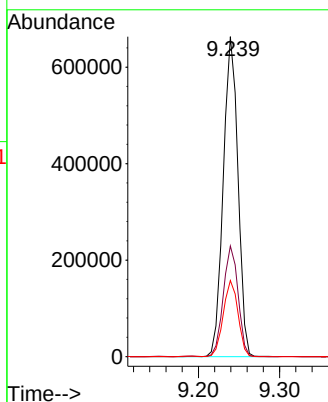
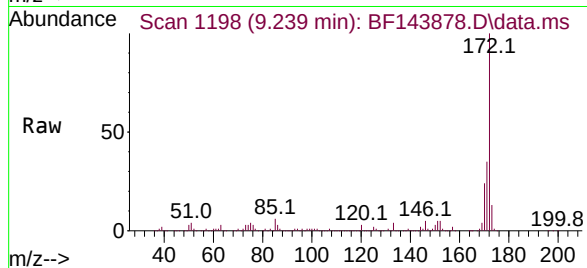
Tgt Ion:172 Resp: 831185

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 21.868 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

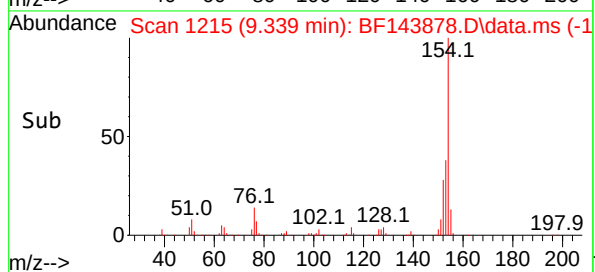
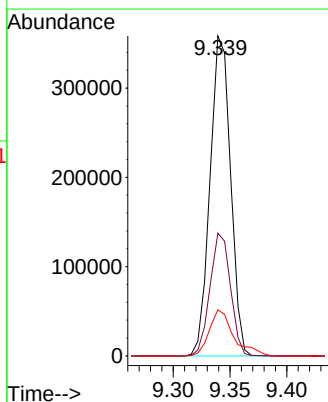
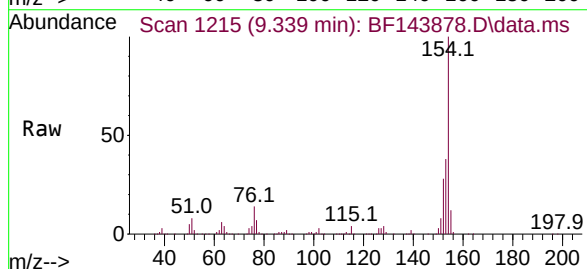
Tgt Ion:154 Resp: 450706

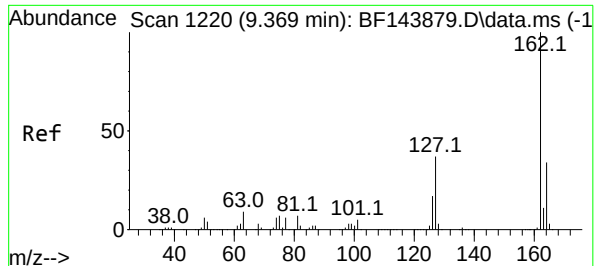
Ion Ratio Lower Upper

154 100

153 38.3 18.4 58.4

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 21.679 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143878.D

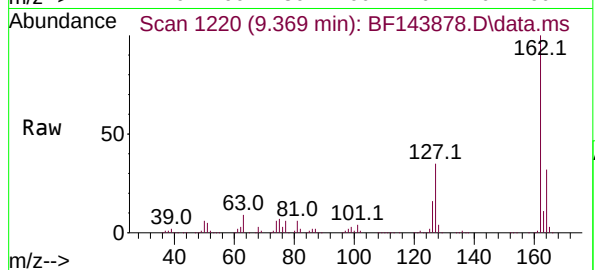
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



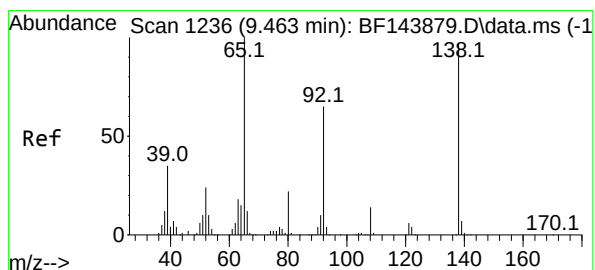
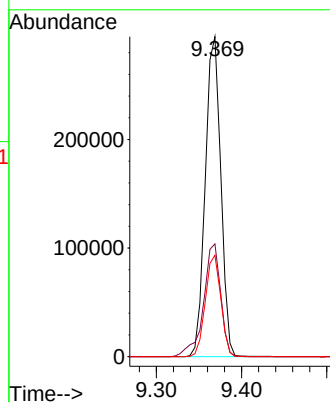
Tgt Ion:162 Resp: 372531

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

164 31.7 26.9 40.3



#48

2-Nitroaniline

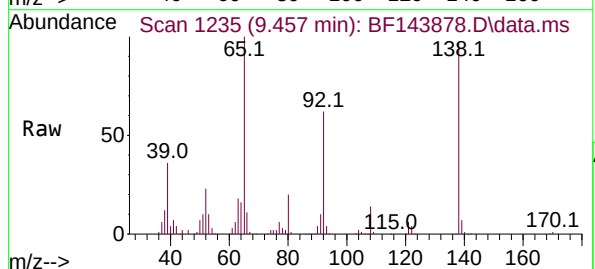
Concen: 21.263 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



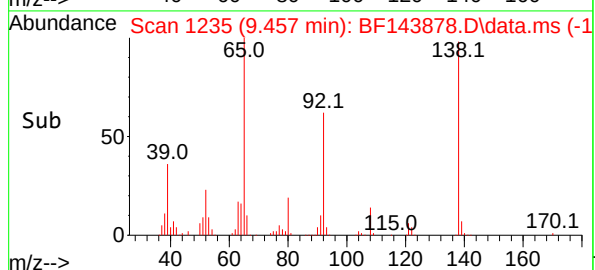
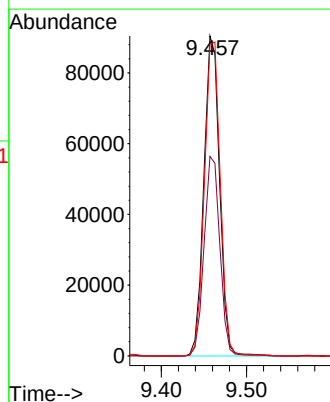
Tgt Ion: 65 Resp: 115519

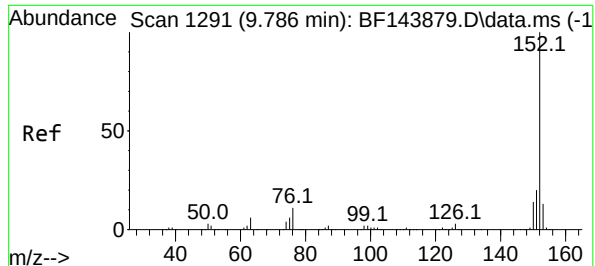
Ion Ratio Lower Upper

65 100

92 62.3 52.1 78.1

138 97.4 77.4 116.2





#49

Acenaphthylene

Concen: 21.234 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

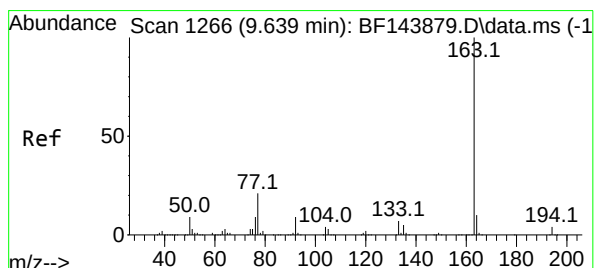
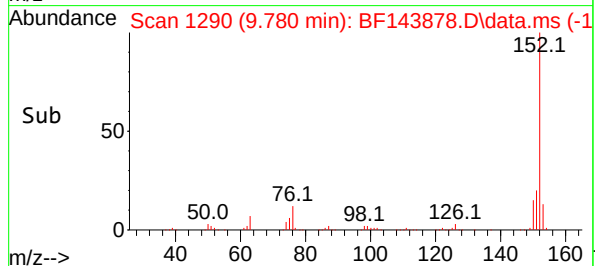
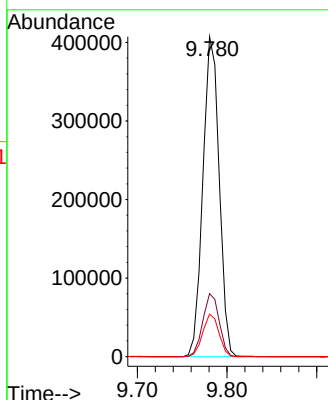
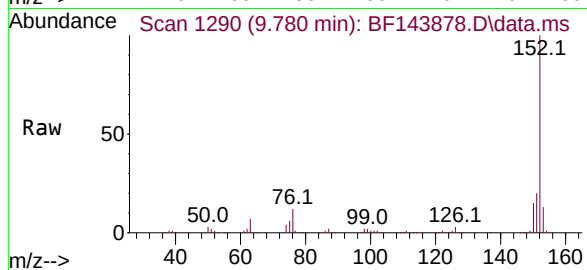
Tgt Ion:152 Resp: 512980

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 21.011 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

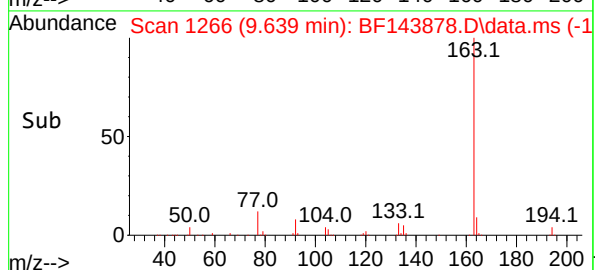
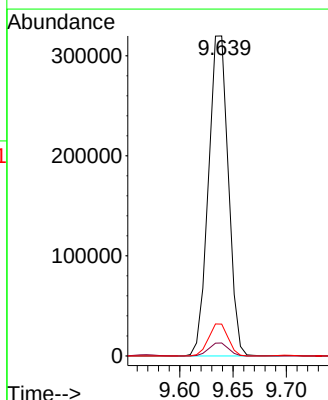
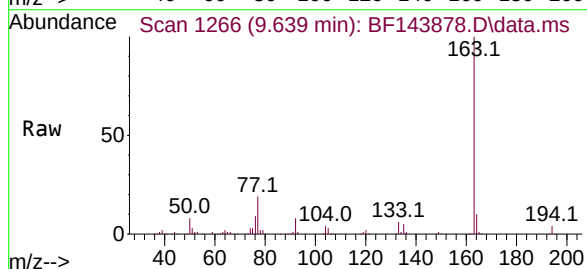
Tgt Ion:163 Resp: 415359

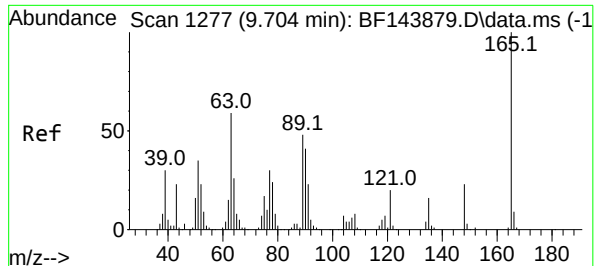
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 8.1 12.1

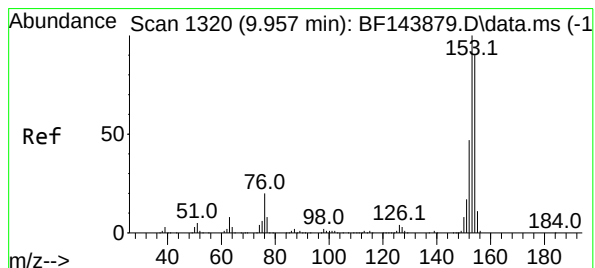
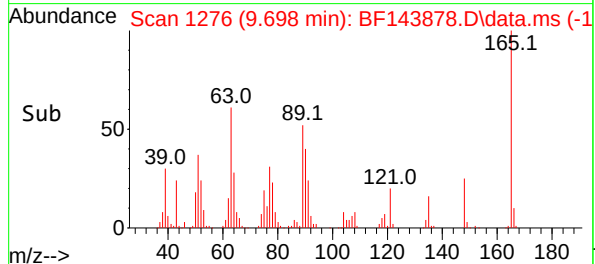
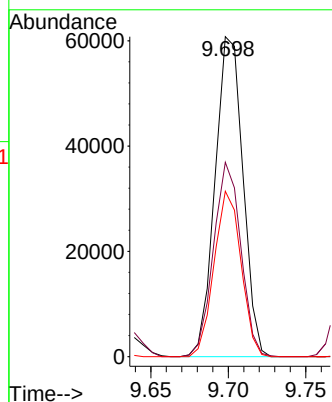
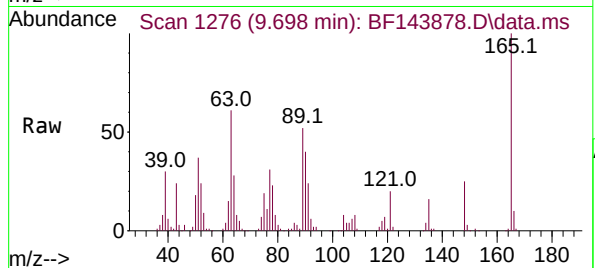




#51
2,6-Dinitrotoluene
Concen: 20.831 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

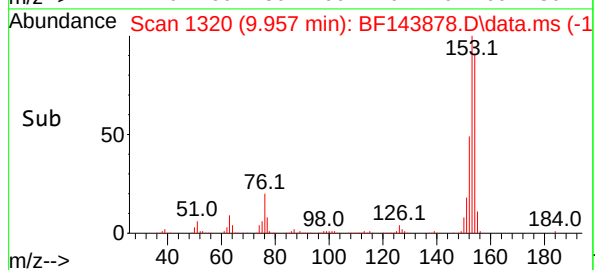
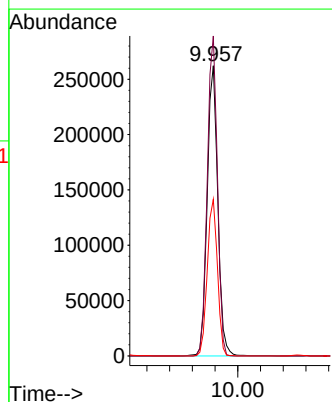
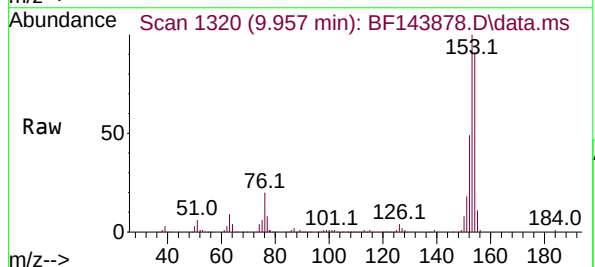
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

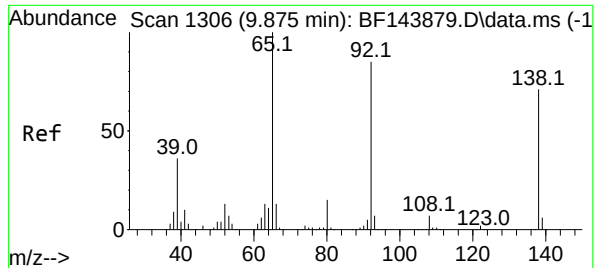
Tgt Ion:165 Resp: 76360
Ion Ratio Lower Upper
165 100
63 60.7 47.3 70.9
89 51.7 38.2 57.4



#52
Acenaphthene
Concen: 21.545 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:154 Resp: 341066
Ion Ratio Lower Upper
154 100
153 110.3 89.3 133.9
152 54.0 42.2 63.2





#53

3-Nitroaniline

Concen: 21.194 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

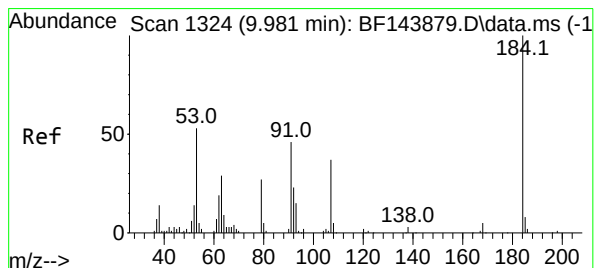
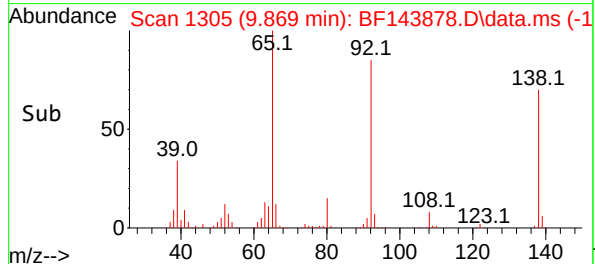
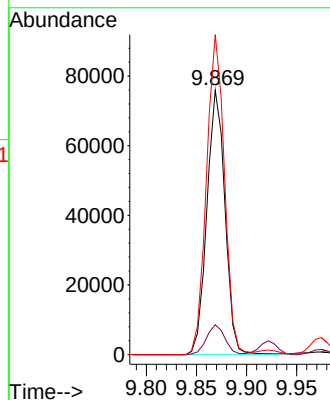
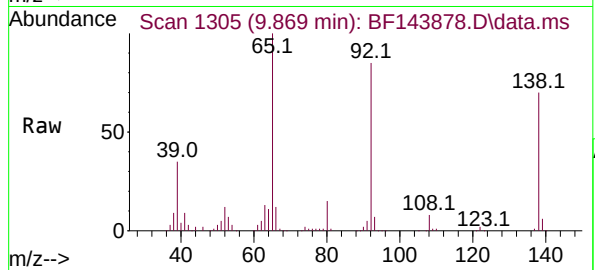
Tgt Ion:138 Resp: 95127

Ion Ratio Lower Upper

138 100

108 11.3 8.3 12.5

92 121.0 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 18.734 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.011 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

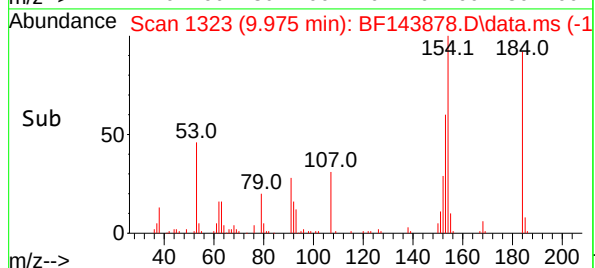
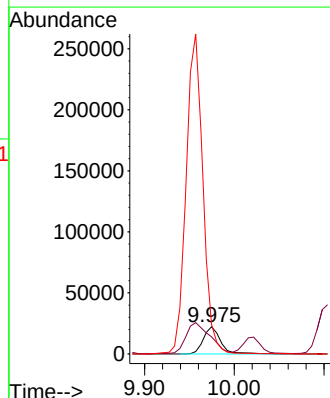
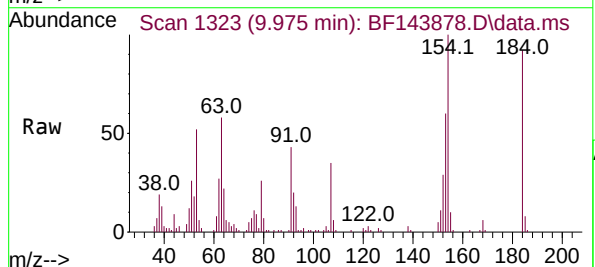
Tgt Ion:184 Resp: 29199

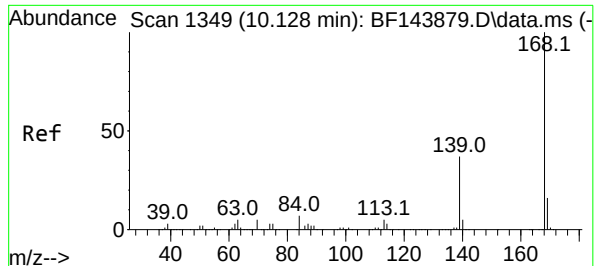
Ion Ratio Lower Upper

184 100

63 63.1 48.2 72.4

154 108.6 49.2 73.8#





#55

Dibenzenofuran

Concen: 21.894 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

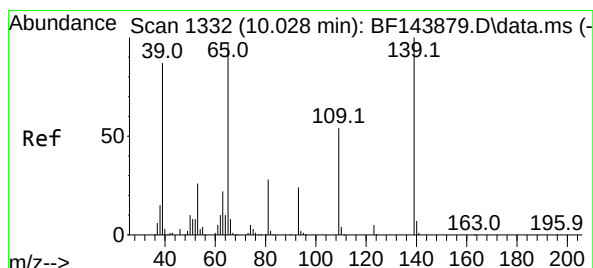
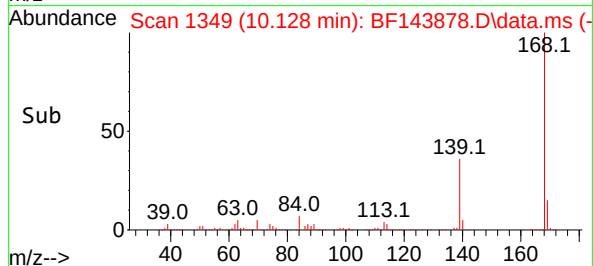
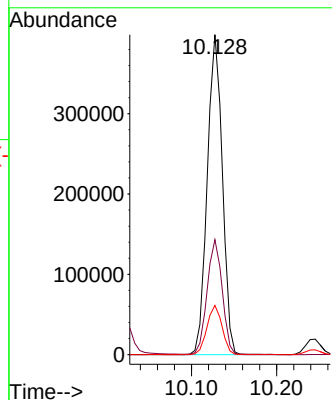
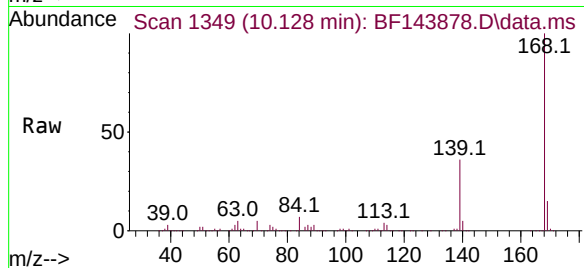
Tgt Ion:168 Resp: 489250

Ion Ratio Lower Upper

168 100

139 35.9 29.8 44.8

169 15.4 12.8 19.2



#56

4-Nitrophenol

Concen: 19.694 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.017 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

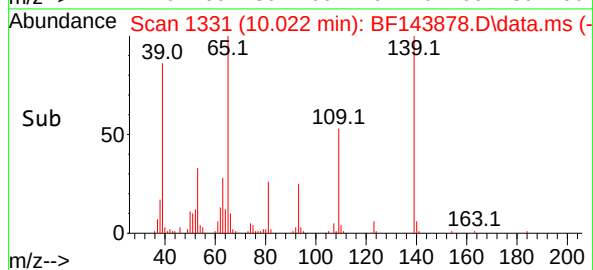
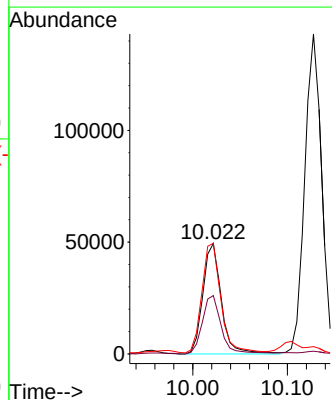
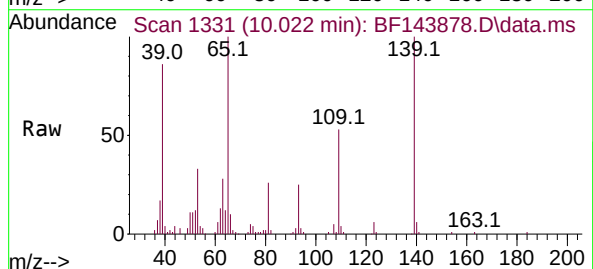
Tgt Ion:139 Resp: 66930

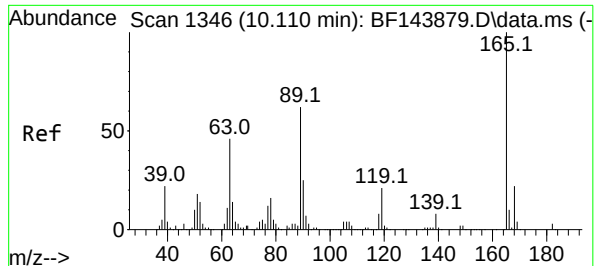
Ion Ratio Lower Upper

139 100

109 52.9 34.5 74.5

65 100.3 77.6 117.6

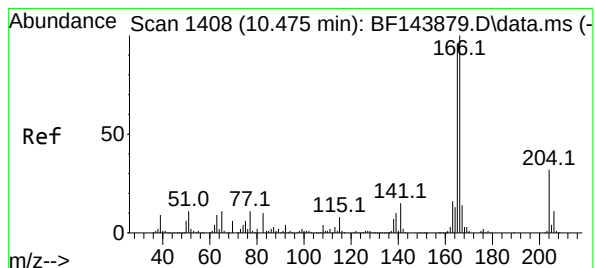
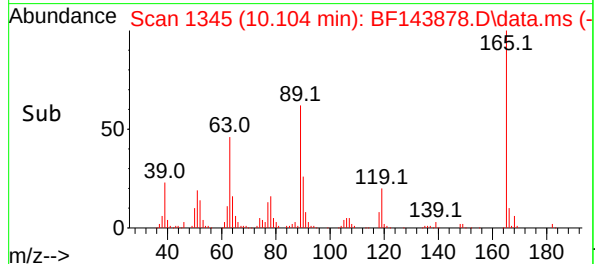
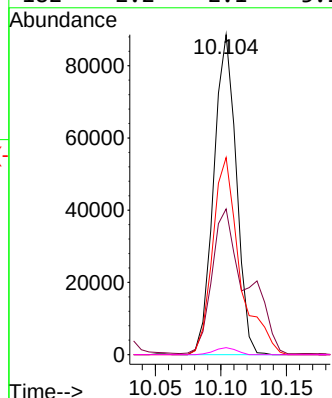
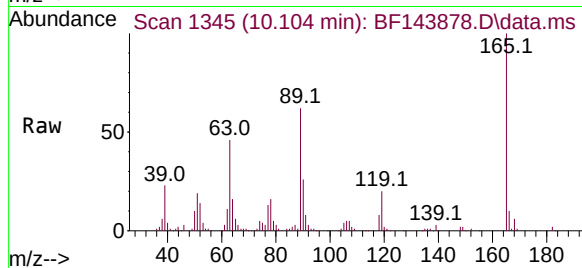




#57
2,4-Dinitrotoluene
Concen: 21.280 ng
RT: 10.104 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

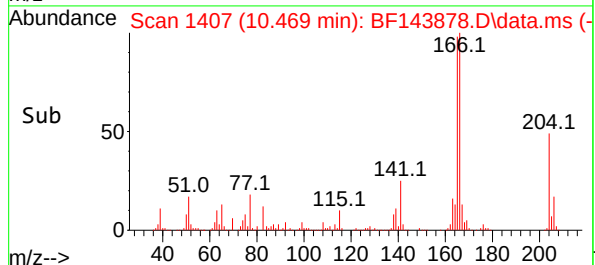
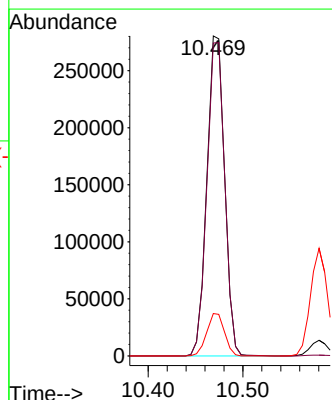
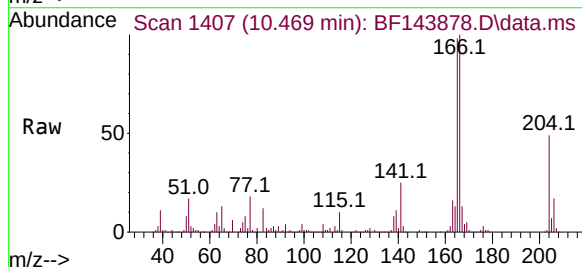
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

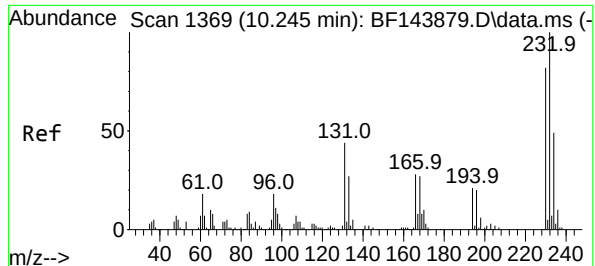
Tgt Ion:165 Resp: 106136
Ion Ratio Lower Upper
165 100
63 45.5 37.2 55.8
89 61.6 49.4 74.2
182 2.2 2.1 3.1



#58
Fluorene
Concen: 21.659 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:166 Resp: 365206
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.6
167 13.2 11.1 16.7

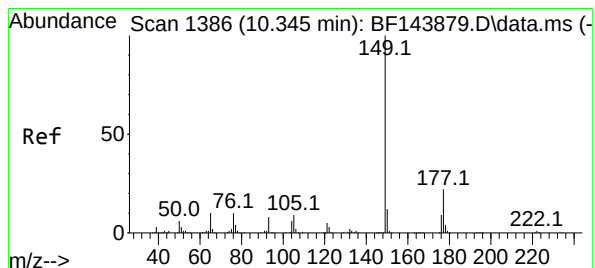
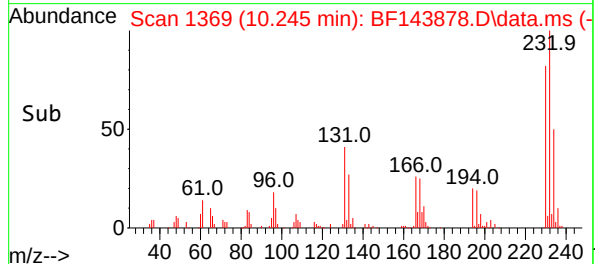
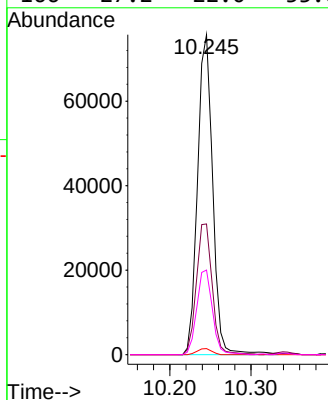
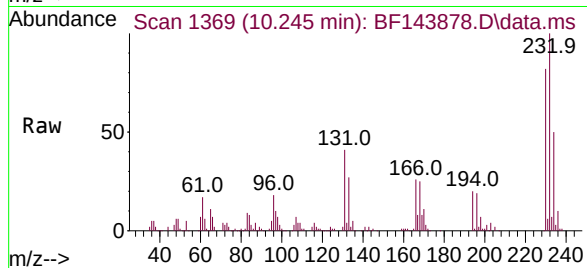




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.869 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

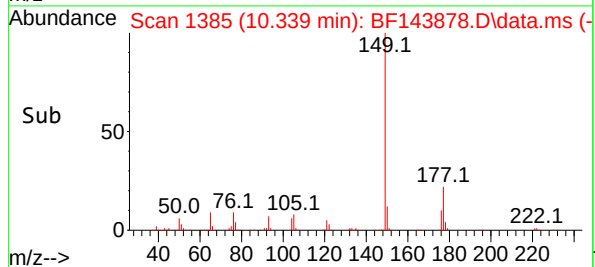
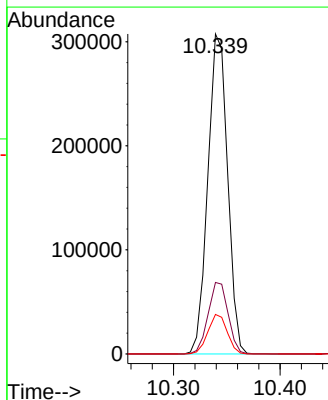
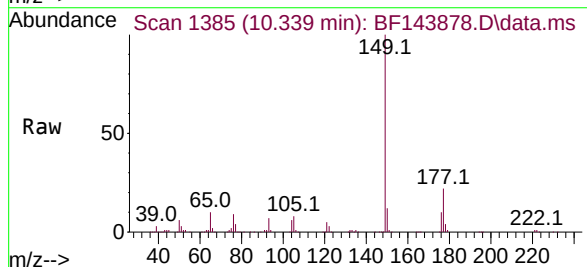
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

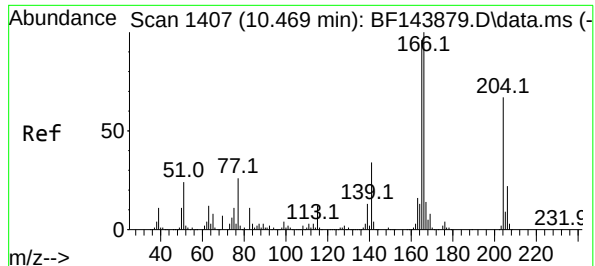
Tgt Ion:232 Resp: 98138
Ion Ratio Lower Upper
232 100
131 42.6 34.9 52.3
130 1.8 1.6 2.4
166 27.2 22.0 33.0



#60
Diethylphthalate
Concen: 21.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 396233
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.3 9.8 14.8

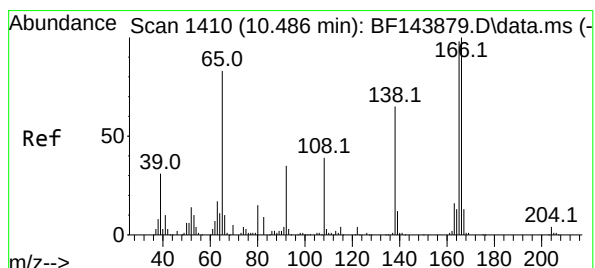
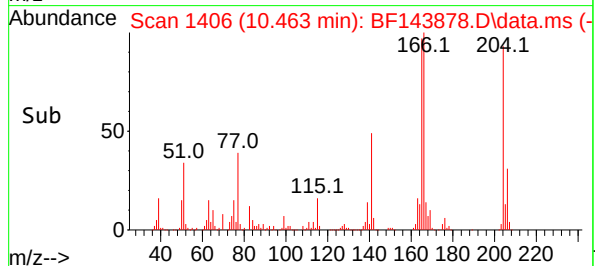
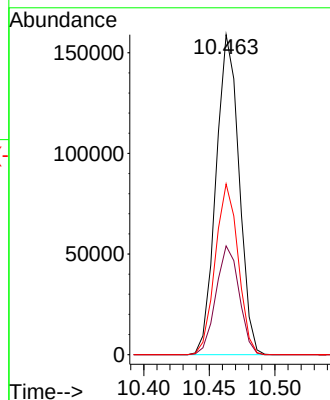
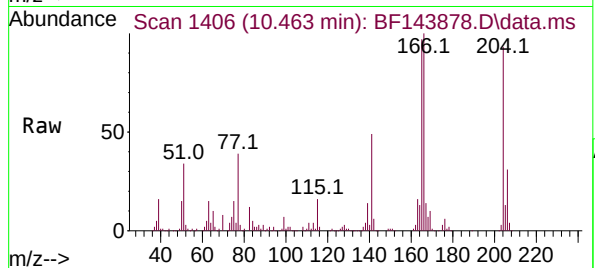




#61
4-Chlorophenyl-phenylether
Concen: 21.860 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

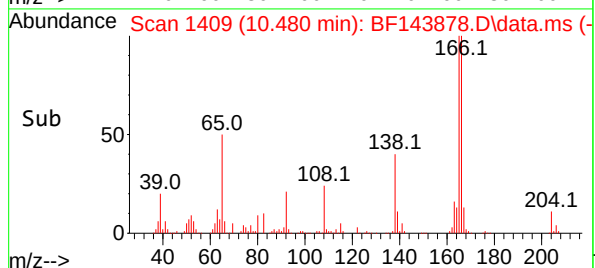
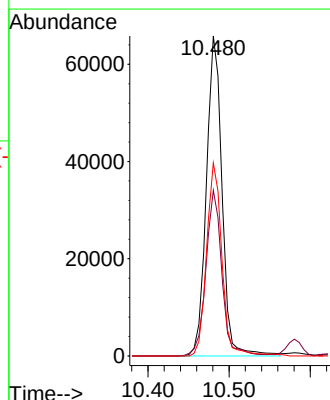
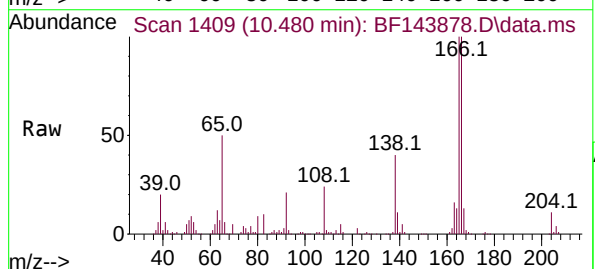
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

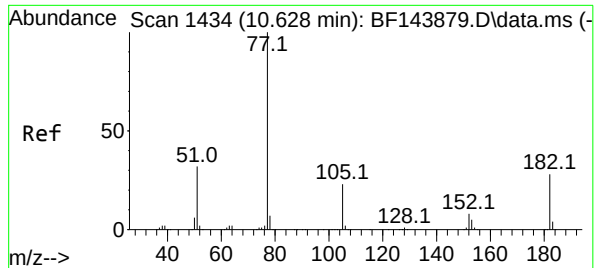
Tgt Ion:204 Resp: 194875
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 53.4 40.4 60.6



#62
4-Nitroaniline
Concen: 20.526 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:138 Resp: 88594
Ion Ratio Lower Upper
138 100
92 51.7 33.9 73.9
108 60.3 40.2 80.2

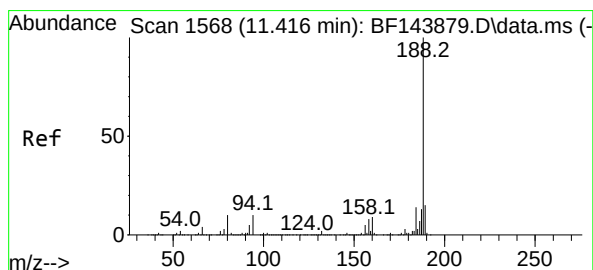
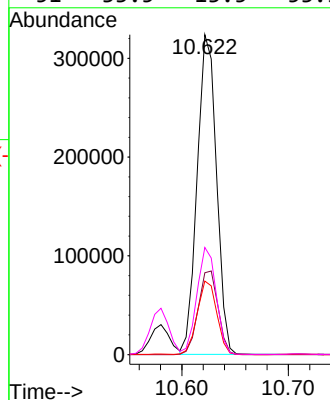
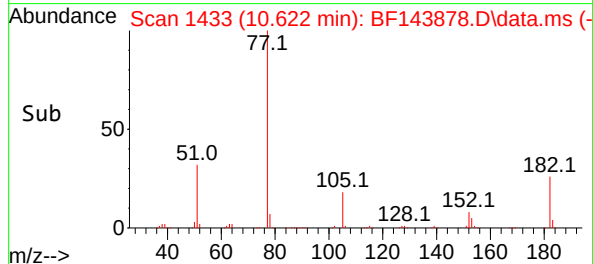
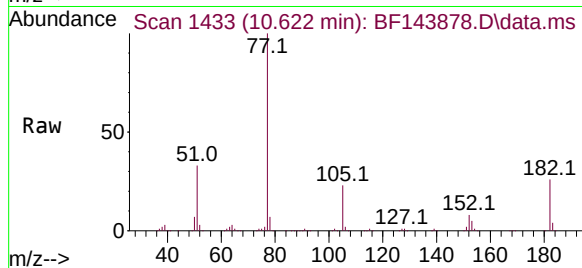




#63
Azobenzene
Concen: 21.218 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

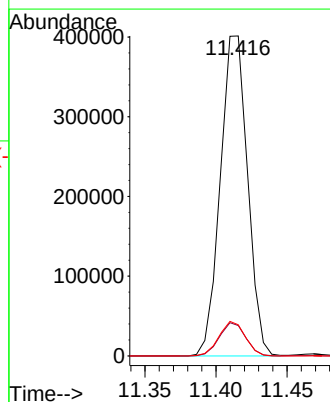
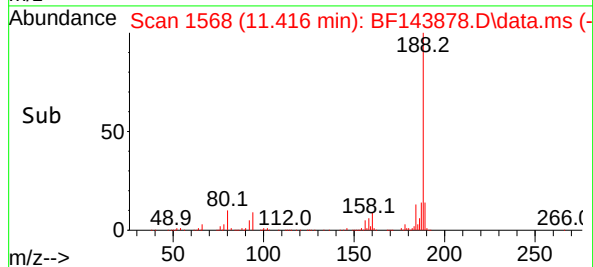
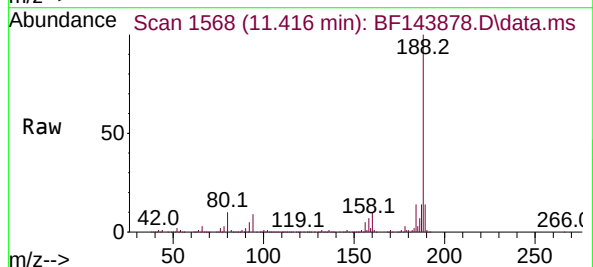
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

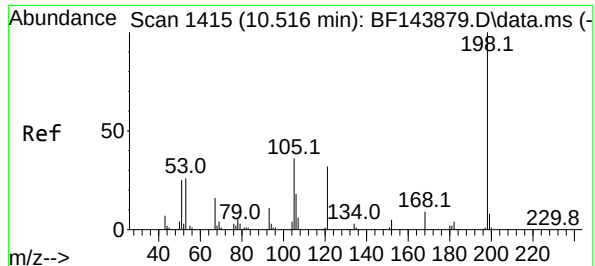
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.6	7.3	47.3
105	23.0	3.0	43.0
51	33.5	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	9.7	7.9	11.9

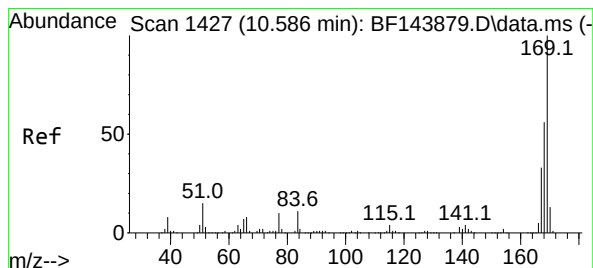
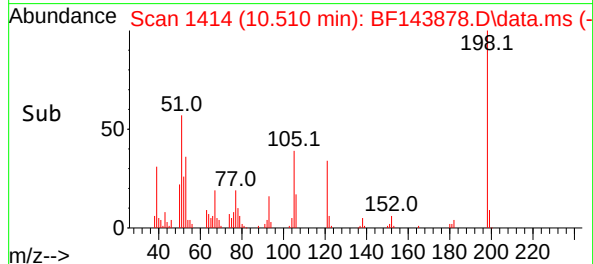
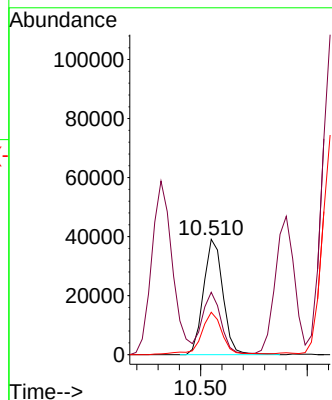
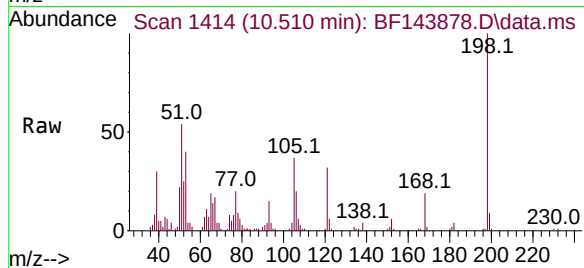




#65
4,6-Dinitro-2-methylphenol
Concen: 18.309 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

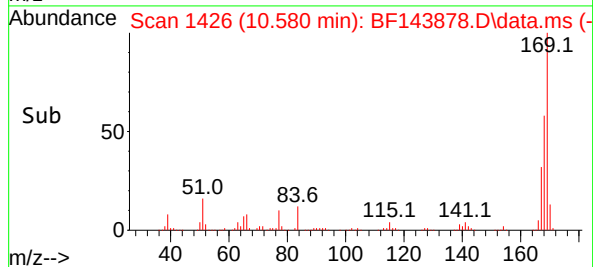
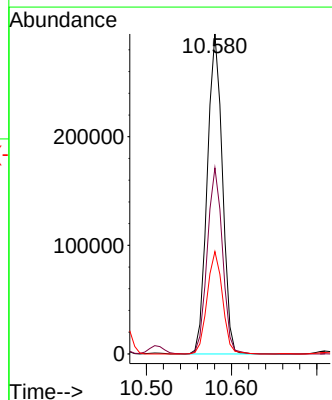
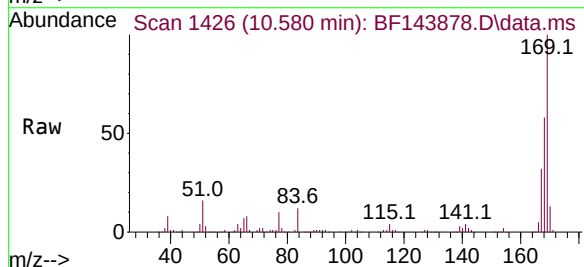
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

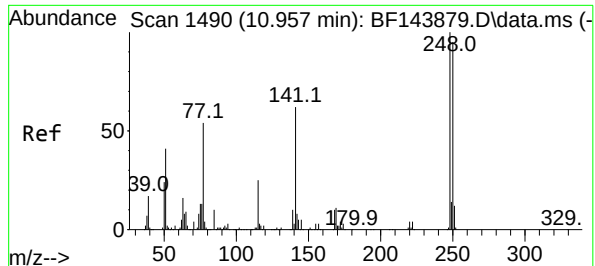
Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.1	33.8	73.8
105	36.7	17.0	57.0



#66
n-Nitrosodiphenylamine
Concen: 21.484 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.1	44.9	67.3
167	32.0	26.3	39.5

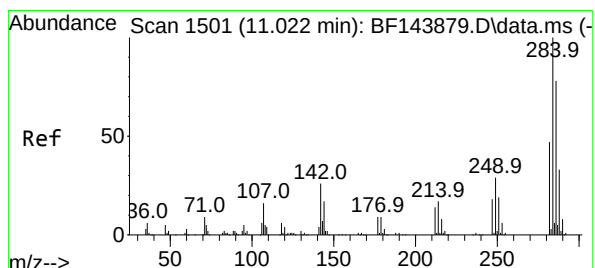
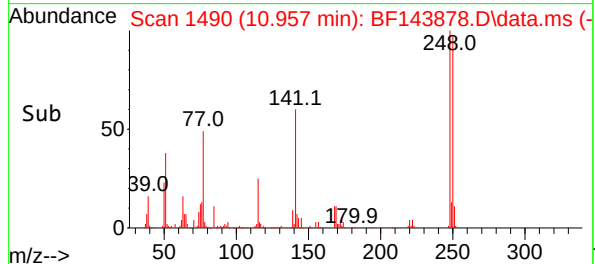
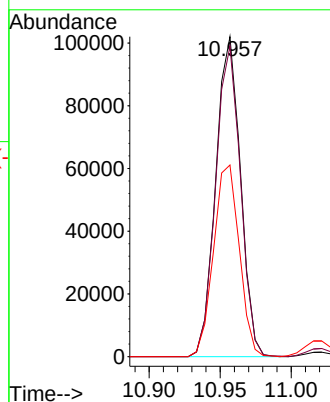
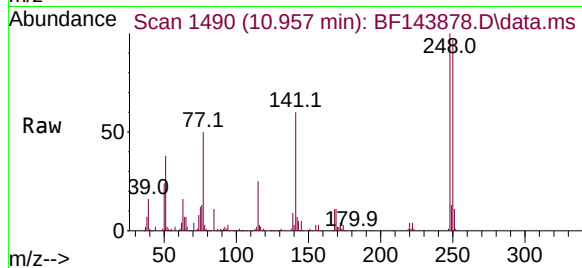




#67
4-Bromophenyl-phenylether
Concen: 20.876 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

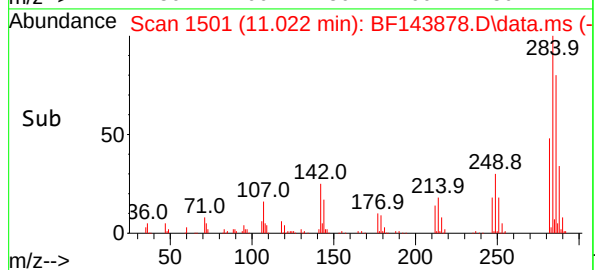
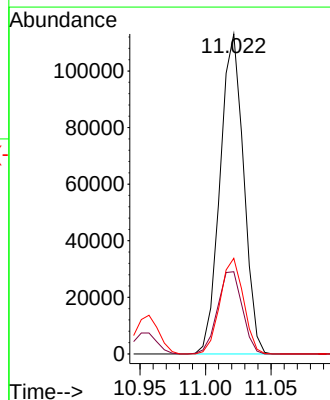
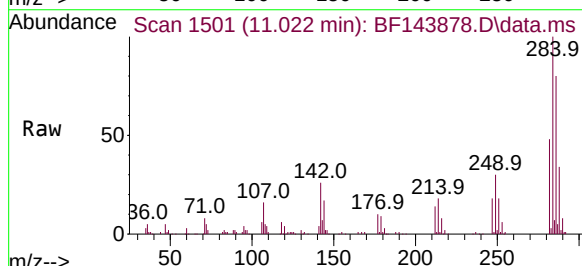
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

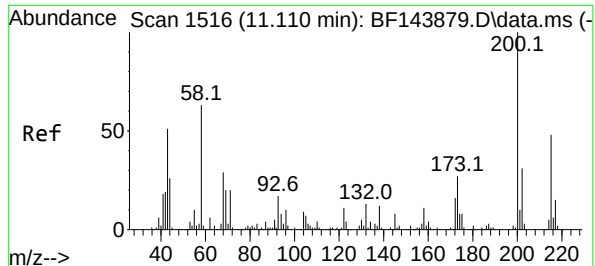
Tgt Ion:248 Resp: 123882
Ion Ratio Lower Upper
248 100
250 97.0 76.3 114.5
141 59.9 49.7 74.5



#68
Hexachlorobenzene
Concen: 20.570 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:284 Resp: 141316
Ion Ratio Lower Upper
284 100
142 25.7 20.6 30.8
249 29.9 23.2 34.8





#69

Atrazine

Concen: 22.405 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

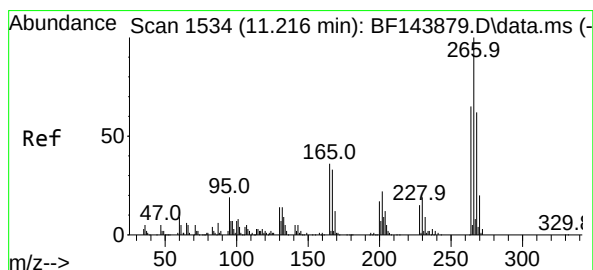
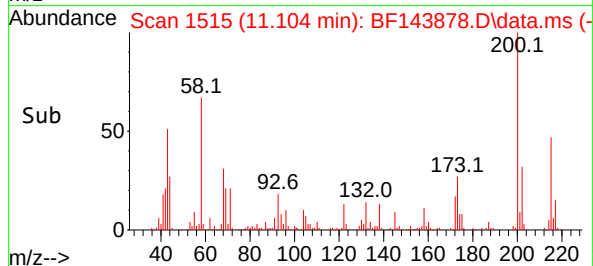
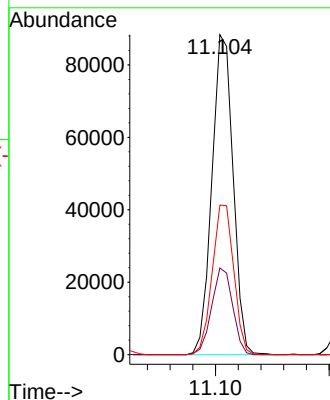
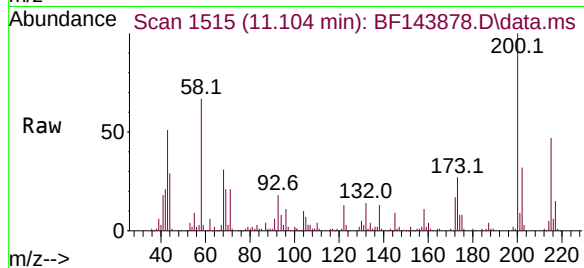
Tgt Ion:200 Resp: 114492

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

215 46.7 27.8 67.8



#70

Pentachlorophenol

Concen: 20.687 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

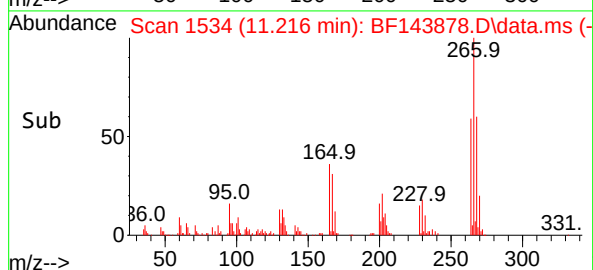
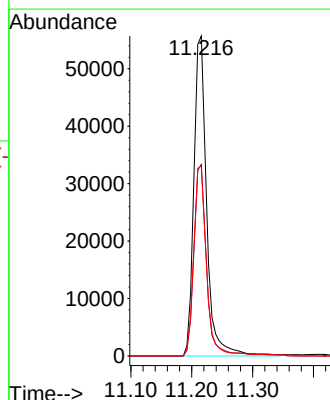
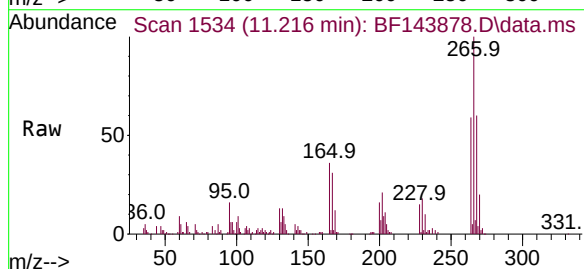
Tgt Ion:266 Resp: 81624

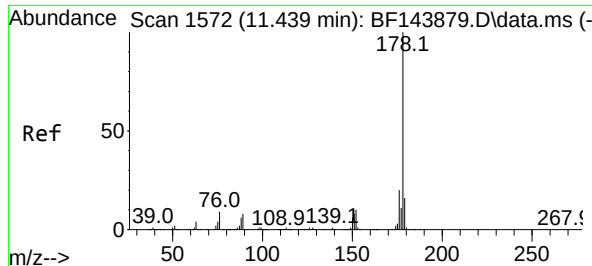
Ion Ratio Lower Upper

266 100

268 59.8 49.4 74.0

264 59.4 51.8 77.6

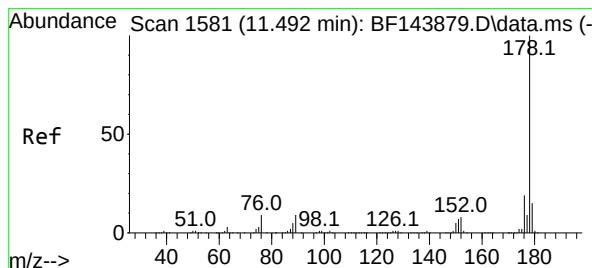
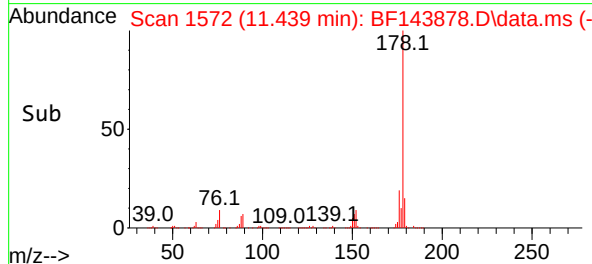
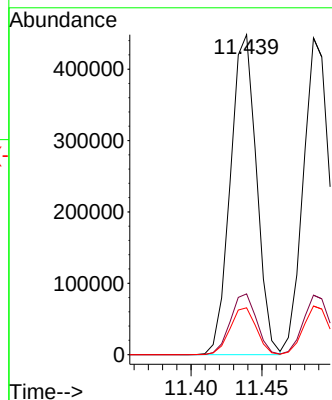
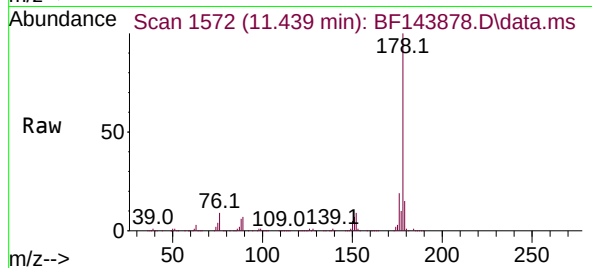




#71
Phenanthrene
Concen: 21.979 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

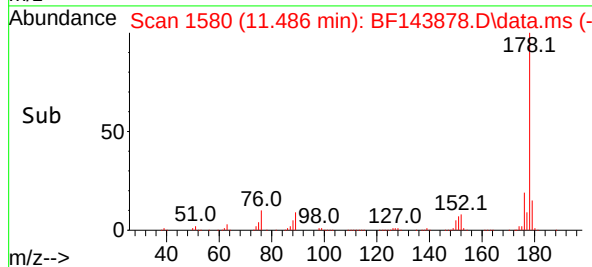
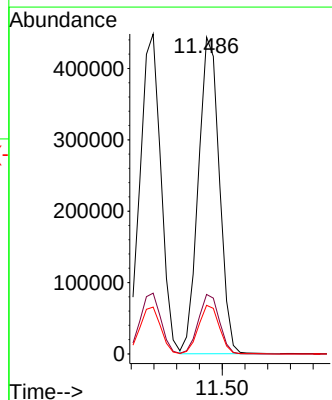
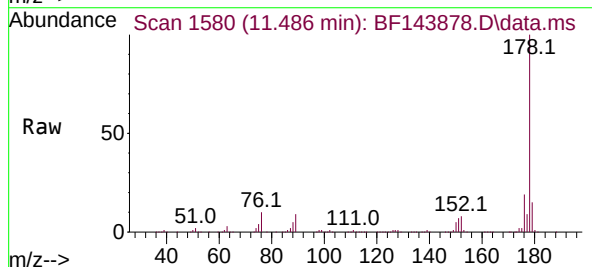
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

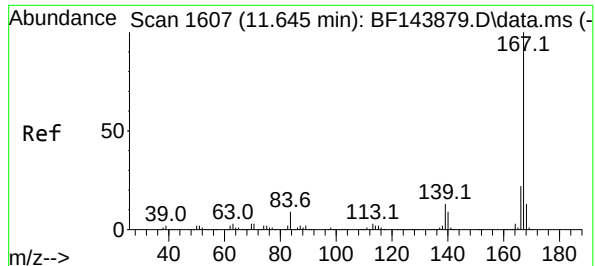
Tgt Ion:178 Resp: 572157
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.6 12.4 18.6



#72
Anthracene
Concen: 21.588 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:178 Resp: 567724
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.3 12.2 18.2

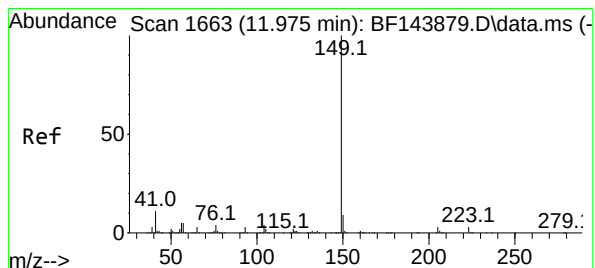
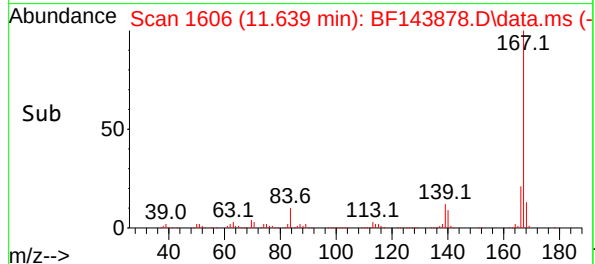
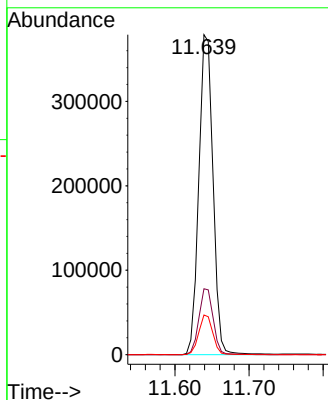
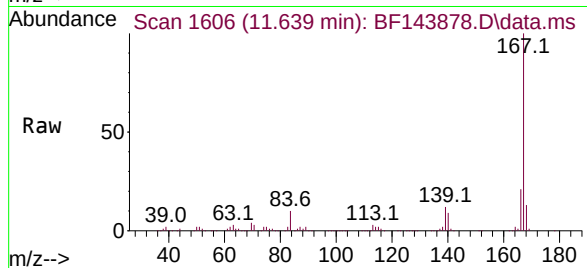




#73
Carbazole
Concen: 21.651 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

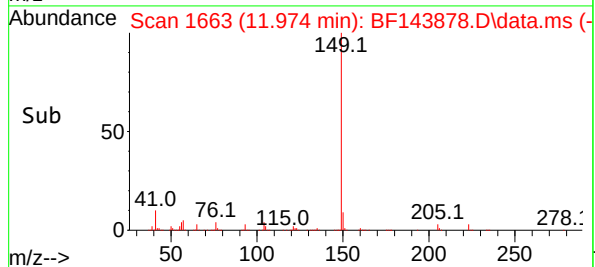
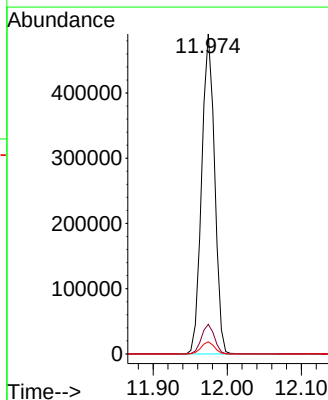
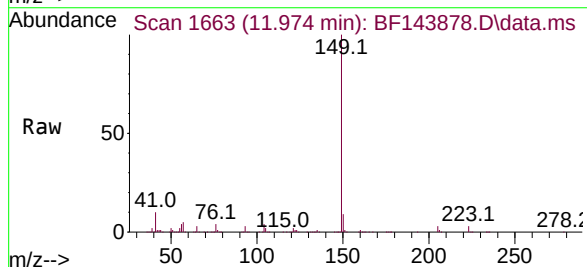
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

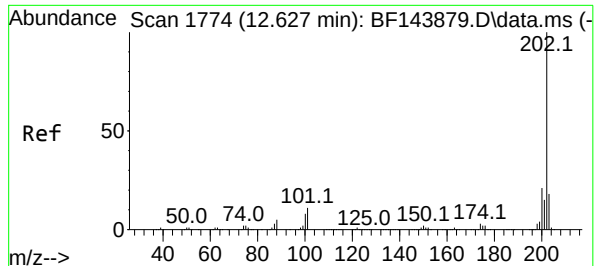
Tgt Ion:167 Resp: 504282
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 12.4 10.1 15.1



#74
Di-n-butylphthalate
Concen: 22.047 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 595140
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 3.8 3.4 5.2

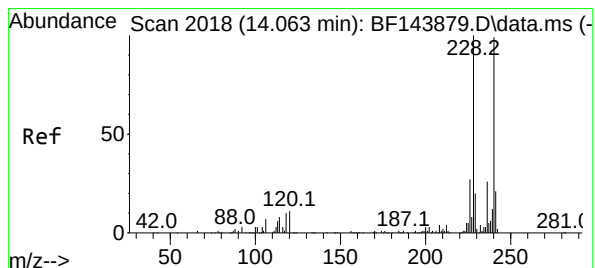
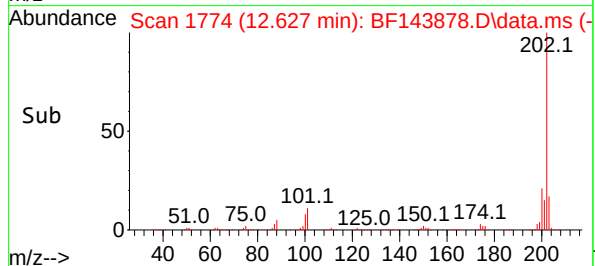
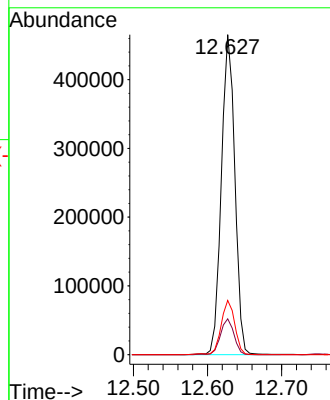
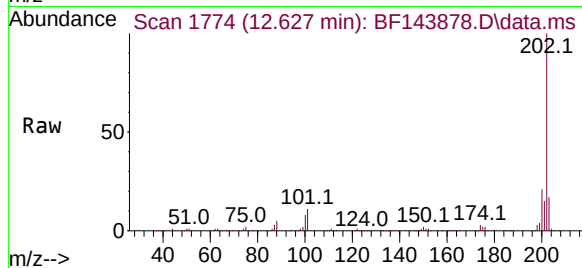




#75
Fluoranthene
Concen: 21.843 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

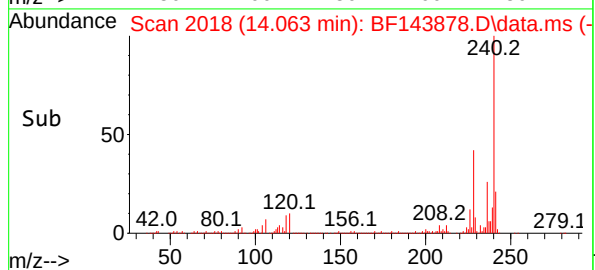
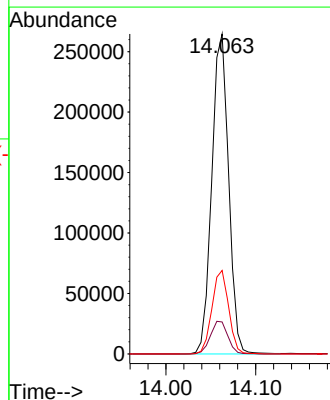
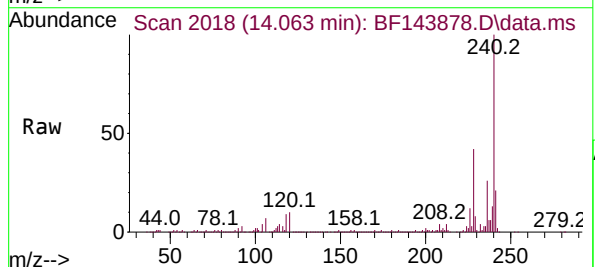
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

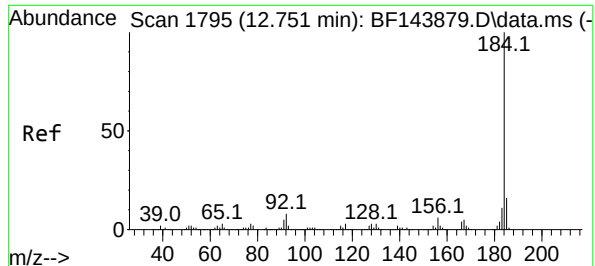
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.7
203	16.9	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.6	13.0
236	26.1	21.1	31.7





#77

Benzidine

Concen: 20.710 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

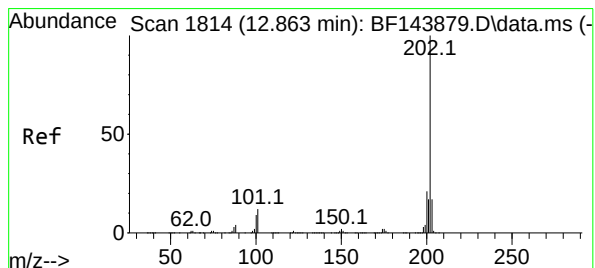
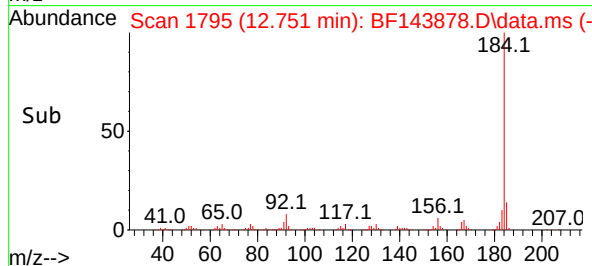
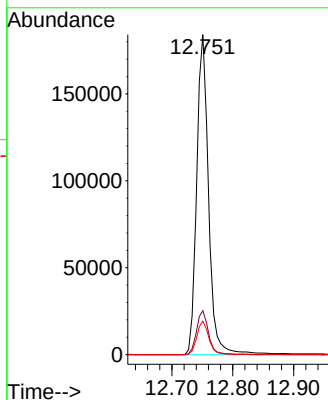
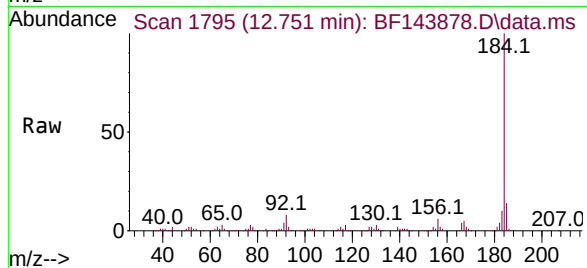
Tgt Ion:184 Resp: 249358

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

183 10.5 8.8 13.2



#78

Pyrene

Concen: 21.215 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

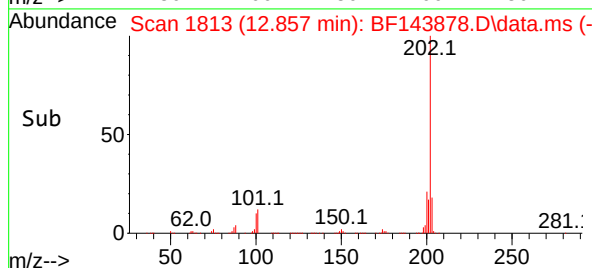
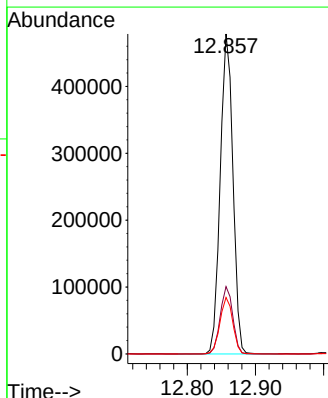
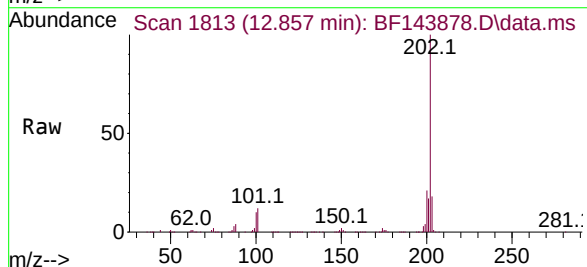
Tgt Ion:202 Resp: 613300

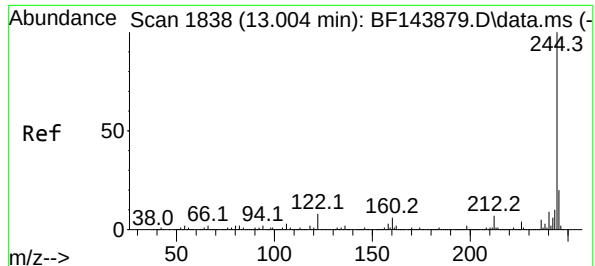
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 43.445 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF143878.D

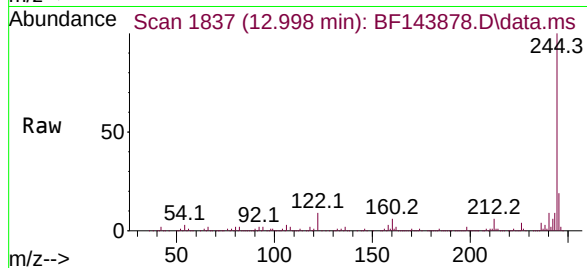
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



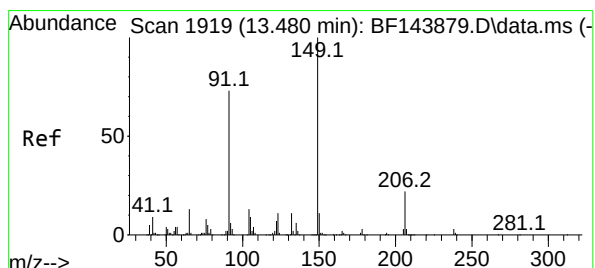
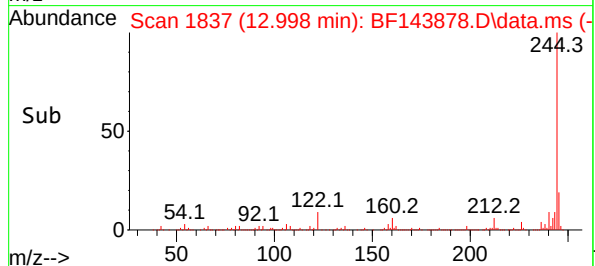
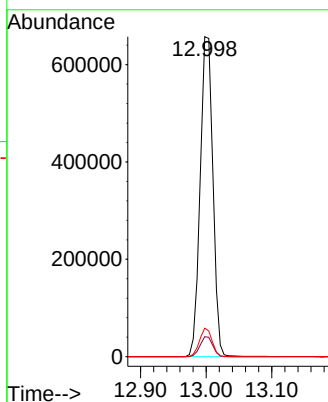
Tgt Ion:244 Resp: 881486

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

122 8.9 6.4 9.6



#80

Butylbenzylphthalate

Concen: 21.391 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

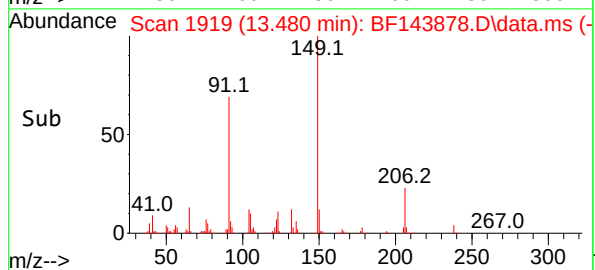
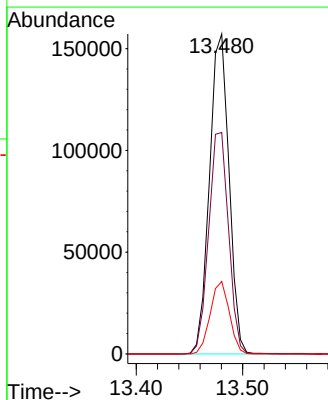
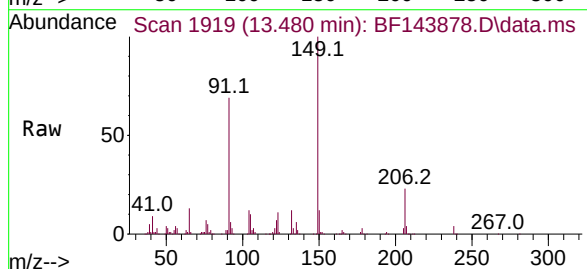
Tgt Ion:149 Resp: 200832

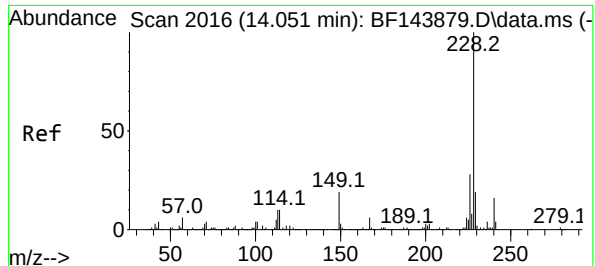
Ion Ratio Lower Upper

149 100

91 69.2 58.2 87.2

206 22.6 17.9 26.9





#81

Benzo(a)anthracene

Concen: 20.693 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

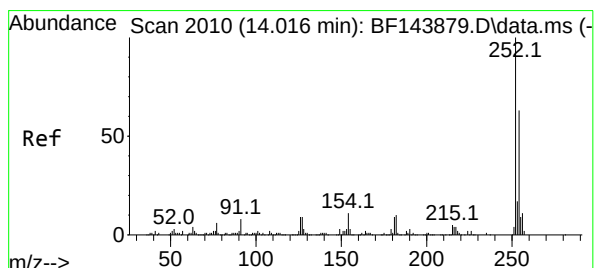
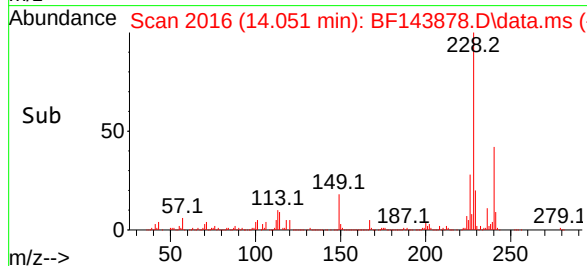
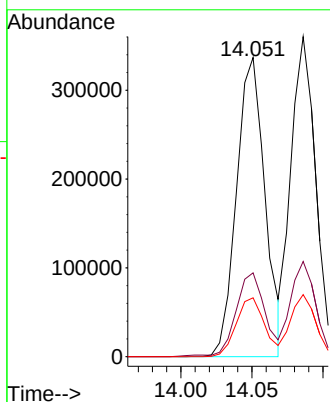
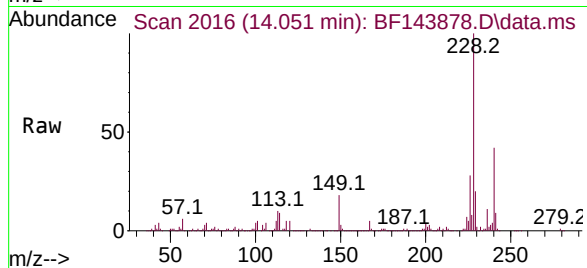
Tgt Ion:228 Resp: 469566

Ion Ratio Lower Upper

228 100

226 28.0 22.2 33.2

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 20.219 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

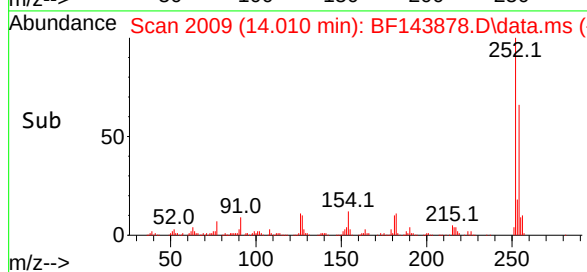
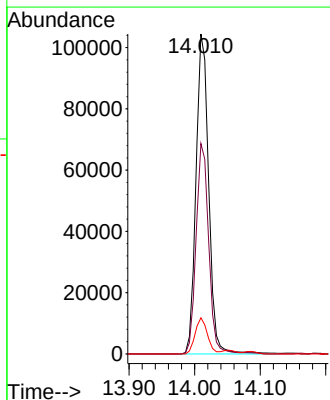
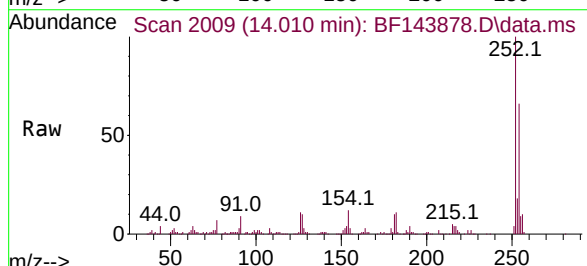
Tgt Ion:252 Resp: 139822

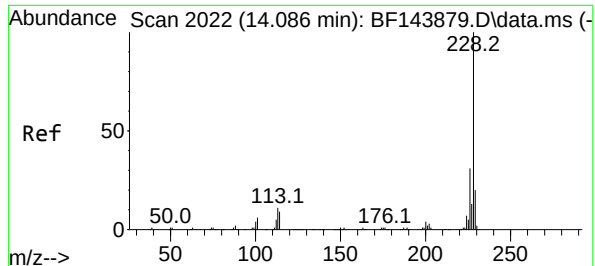
Ion Ratio Lower Upper

252 100

254 65.7 50.6 76.0

126 11.3 7.0 10.6#

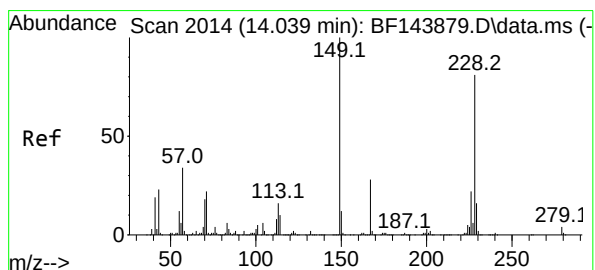
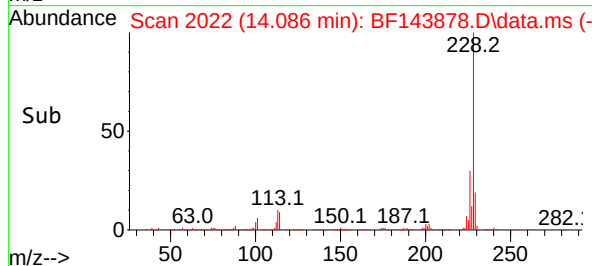
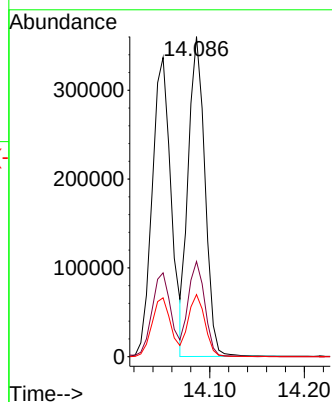
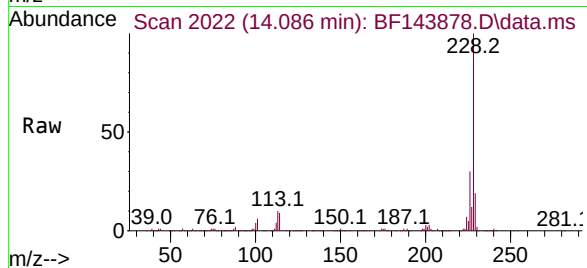




#83
Chrysene
Concen: 20.920 ng
RT: 14.086 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

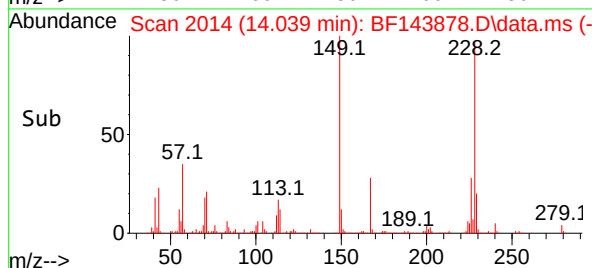
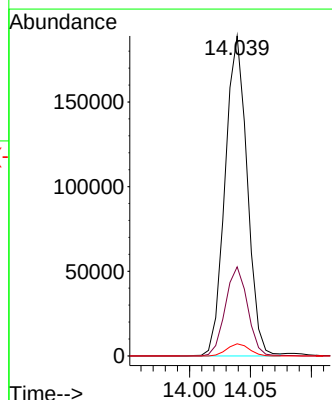
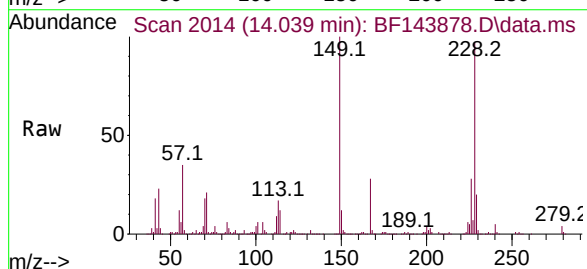
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

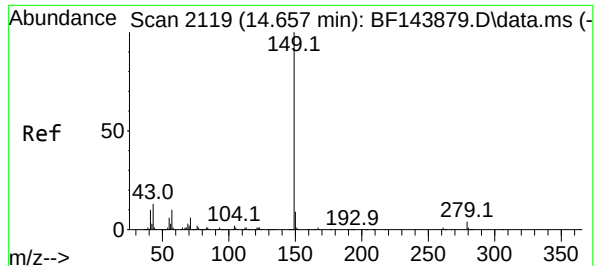
Tgt Ion:228 Resp: 439378
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 19.4 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 21.041 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 238132
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.4
279 3.8 3.1 4.7

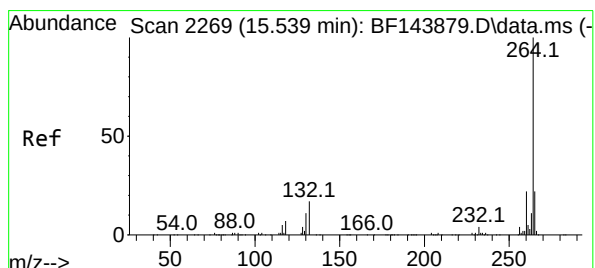
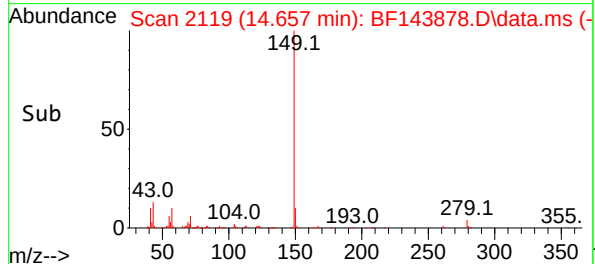
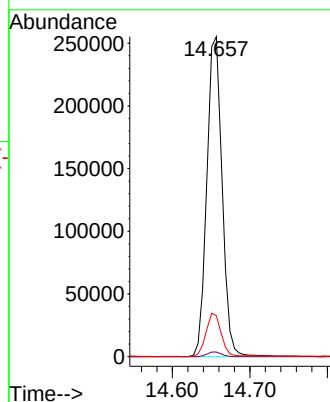
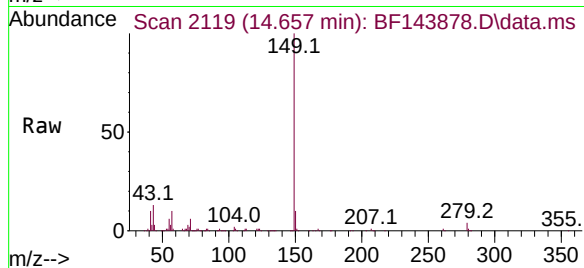




#85
Di-n-octyl phthalate
Concen: 18.814 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

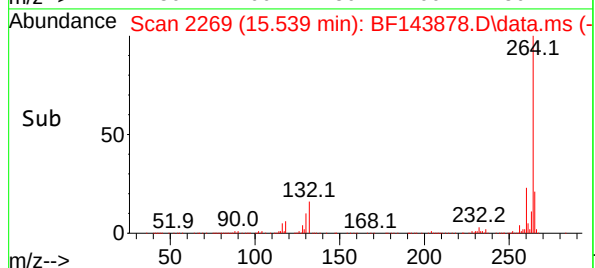
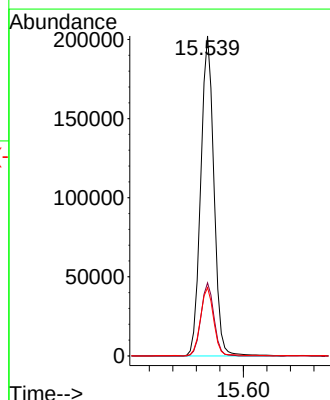
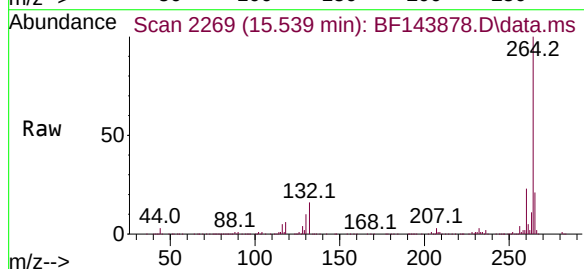
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

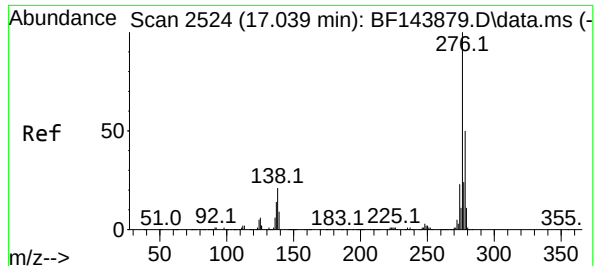
Tgt Ion:149 Resp: 349721
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.8 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:264 Resp: 314616
Ion Ratio Lower Upper
264 100
260 22.8 17.8 26.8
265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.942 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

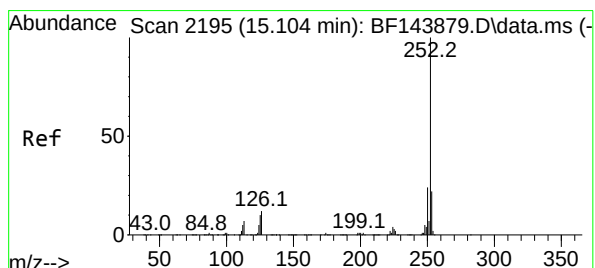
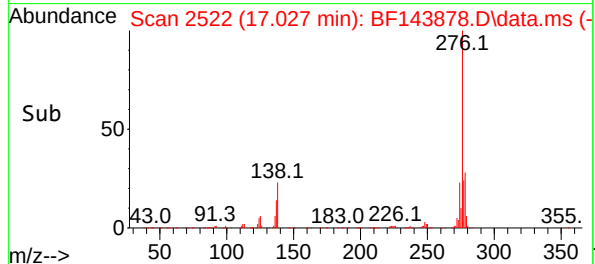
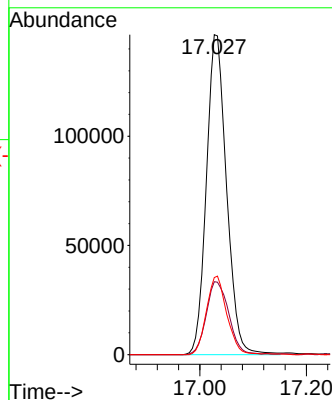
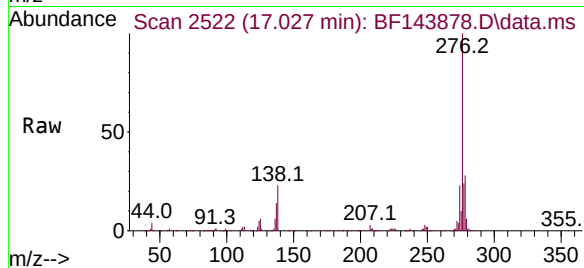
Tgt Ion:276 Resp: 384441

Ion Ratio Lower Upper

276 100

138 25.5 18.2 27.2

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 19.692 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

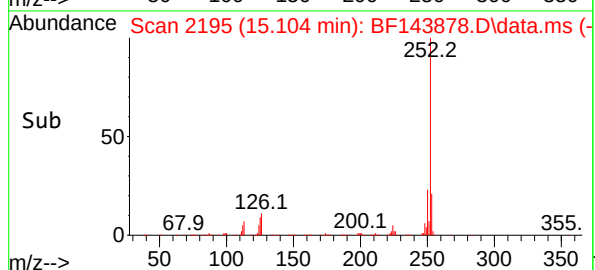
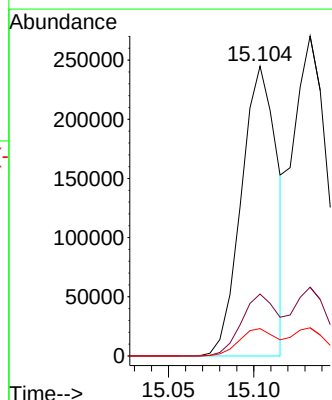
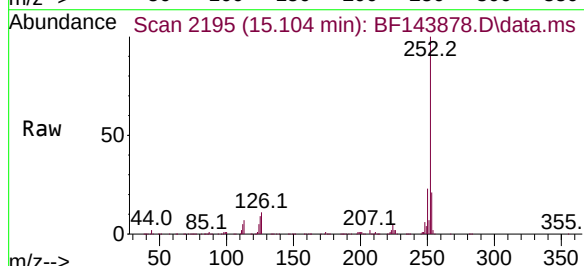
Tgt Ion:252 Resp: 355882

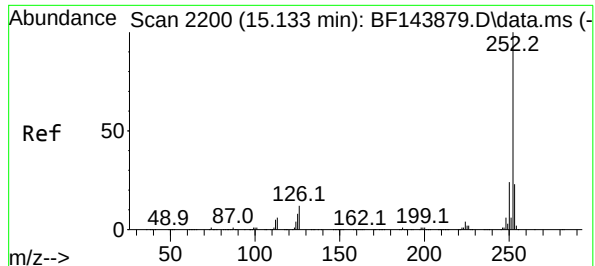
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 9.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 23.106 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

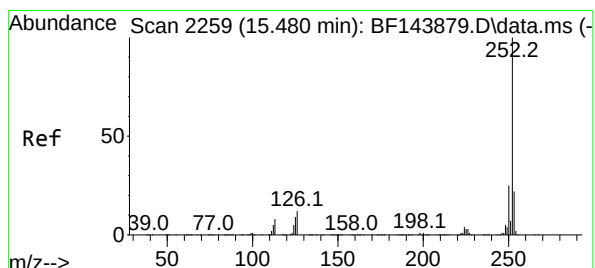
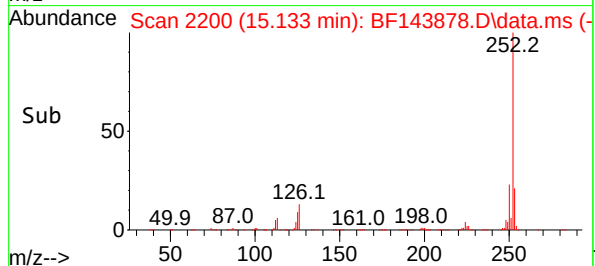
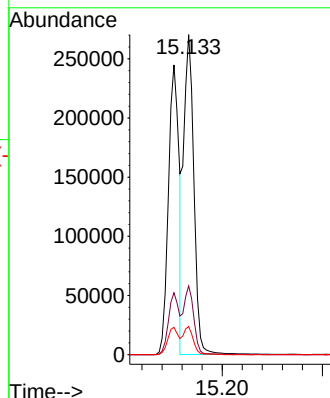
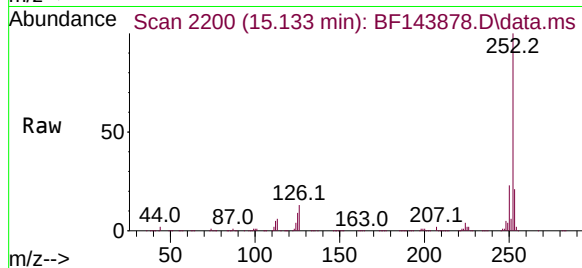
Tgt Ion:252 Resp: 386399

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 8.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 20.822 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

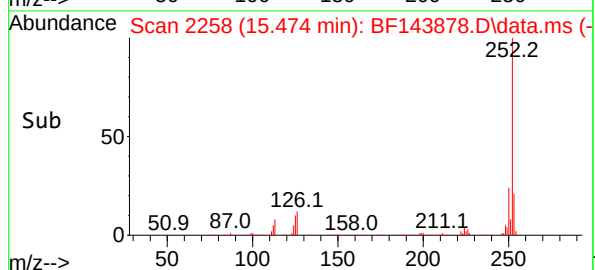
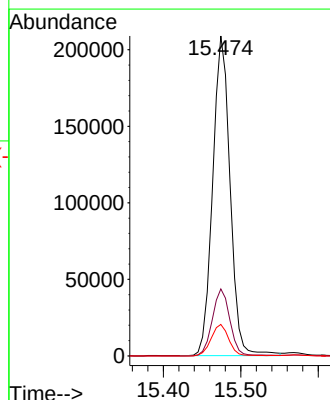
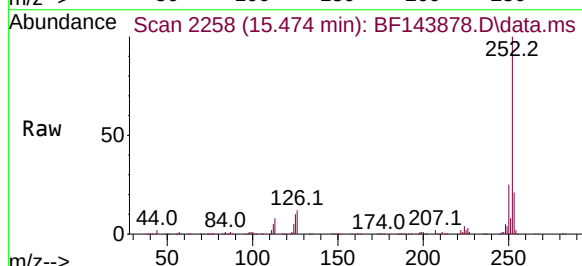
Tgt Ion:252 Resp: 326291

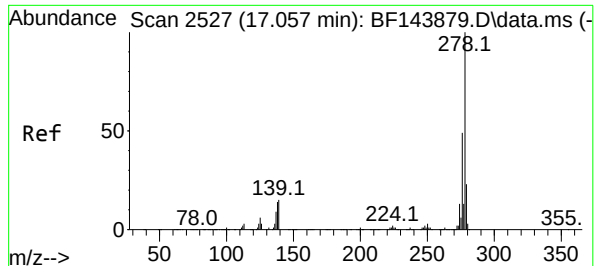
Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

125 9.8 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 20.589 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

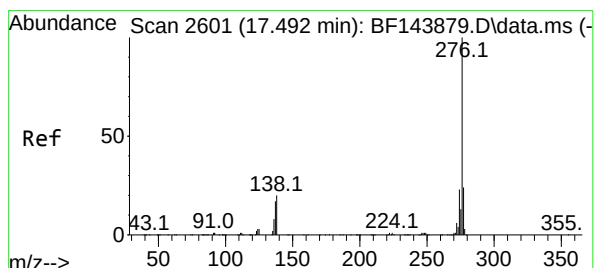
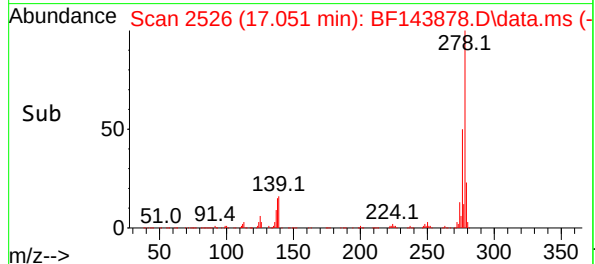
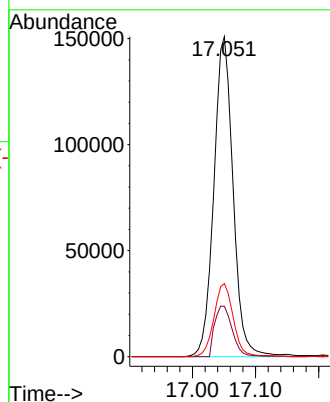
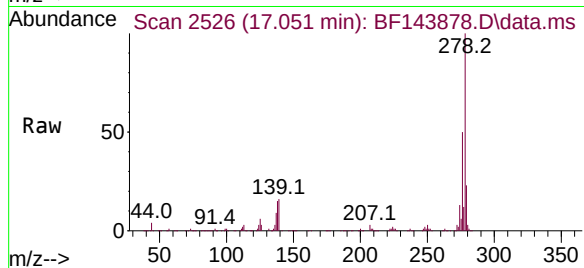
Tgt Ion:278 Resp: 319216

Ion Ratio Lower Upper

278 100

139 15.7 11.7 17.5

279 22.8 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 19.937 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.035 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

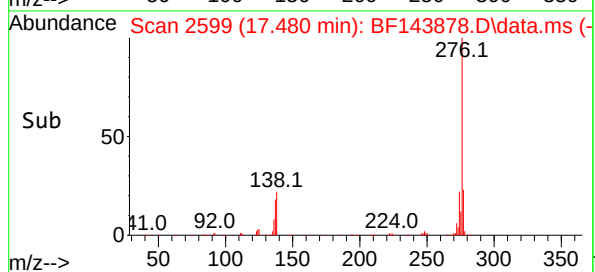
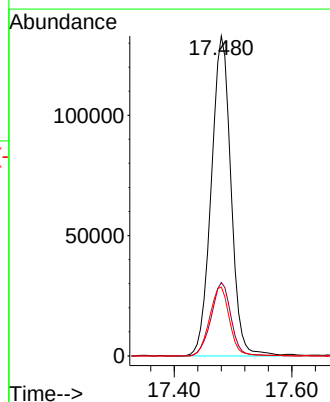
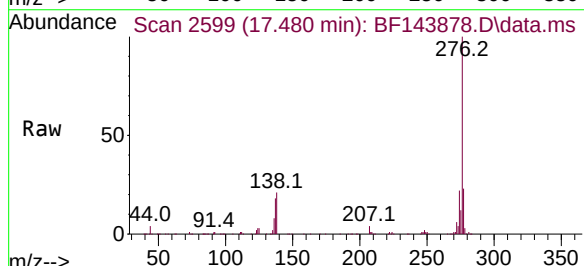
Tgt Ion:276 Resp: 309120

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.6

138 21.5 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143879.D
 Acq On : 06 Oct 2025 12:54
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 06 15:38:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	124152	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	479933	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	260024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	444949	20.000	ng	0.00
76) Chrysene-d12	14.063	240	254576	20.000	ng	0.00
86) Perylene-d12	15.539	264	250969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	649121	83.027	ng	0.00
7) Phenol-d6	6.504	99	765629	82.158	ng	-0.01
23) Nitrobenzene-d5	7.445	82	662754	83.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	215478	83.200	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1273210	77.695	ng	0.00
79) Terphenyl-d14	13.004	244	1302632	87.451	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	151157	41.781	ng	100
3) Pyridine	3.410	79	439985	41.775	ng	100
4) n-Nitrosodimethylamine	3.357	42	225827	40.760	ng	100
6) Aniline	6.545	93	581779	41.662	ng	100
8) 2-Chlorophenol	6.663	128	321394	42.055	ng	100
9) Benzaldehyde	6.434	77	330062	45.914	ng	100
10) Phenol	6.516	94	457250m	41.042	ng	
11) bis(2-Chloroethyl)ether	6.616	93	358980	41.712	ng	100
12) 1,3-Dichlorobenzene	6.822	146	376359	41.141	ng	100
13) 1,4-Dichlorobenzene	6.898	146	372118	41.238	ng	100
14) 1,2-Dichlorobenzene	7.051	146	356137	41.204	ng	100
15) Benzyl Alcohol	7.022	79	291212	41.707	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	804199	41.052	ng	100
17) 2-Methylphenol	7.128	107	261669	41.430	ng	100
18) Hexachloroethane	7.398	117	124325	41.313	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	254701	39.929	ng	100
20) 3+4-Methylphenols	7.281	107	314281	42.934	ng	100
22) Acetophenone	7.292	105	415513	40.946	ng	100
24) Nitrobenzene	7.463	77	375708	42.828	ng	100
25) Isophorone	7.704	82	677007	40.645	ng	100
26) 2-Nitrophenol	7.781	139	167096	44.428	ng	100
27) 2,4-Dimethylphenol	7.810	122	282923	41.818	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	425986	40.486	ng	100
29) 2,4-Dichlorophenol	8.022	162	294452	41.782	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	286330	41.312	ng	100
31) Naphthalene	8.187	128	894263	40.961	ng	100
32) Benzoic acid	7.916	122	199609m	42.630	ng	
33) 4-Chloroaniline	8.234	127	340866	41.630	ng	100
34) Hexachlorobutadiene	8.304	225	198282	41.170	ng	100
35) Caprolactam	8.604	113	91458	40.816	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	275908	40.758	ng	100
37) 2-Methylnaphthalene	8.881	142	591428	40.669	ng	100
38) 1-Methylnaphthalene	8.981	142	581114	41.196	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	306622	42.665	ng	100
41) Hexachlorocyclopentadiene	9.034	237	133694	44.842	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	231469	44.081	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143879.D
 Acq On : 06 Oct 2025 12:54
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 06 15:38:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

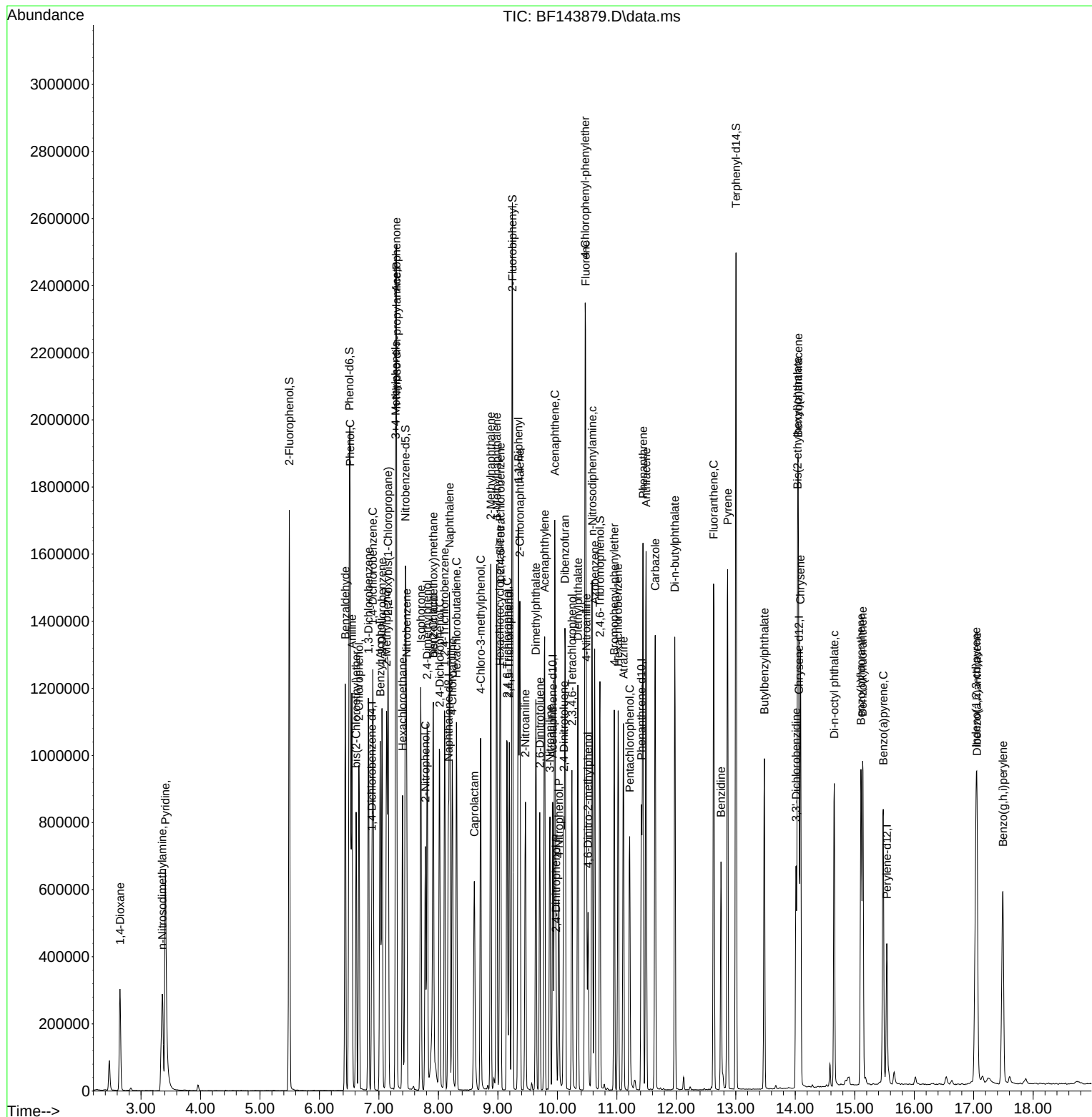
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	237161	42.739	ng	100
46) 1,1'-Biphenyl	9.345	154	714293	41.490	ng	100
47) 2-Chloronaphthalene	9.369	162	591442	41.204	ng	100
48) 2-Nitroaniline	9.463	65	203733	44.894	ng	100
49) Acenaphthylene	9.786	152	844067	41.828	ng	100
50) Dimethylphthalate	9.639	163	671290	40.653	ng	100
51) 2,6-Dinitrotoluene	9.704	165	136198	44.481	ng	100
52) Acenaphthene	9.957	154	547286	41.390	ng	100
53) 3-Nitroaniline	9.875	138	159366	42.507	ng	100
54) 2,4-Dinitrophenol	9.981	184	62187	37.010	ng	100
55) Dibenzofuran	10.128	168	776950	41.625	ng	100
56) 4-Nitrophenol	10.028	139	121519	42.807	ng	100
57) 2,4-Dinitrotoluene	10.110	165	189965	45.597	ng	100
58) Fluorene	10.475	166	570508	40.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	168932	43.006	ng	100
60) Diethylphthalate	10.345	149	635433	41.422	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	310008	41.632	ng	100
62) 4-Nitroaniline	10.486	138	151866	42.123	ng	100
63) Azobenzene	10.628	77	665698	41.521	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	98551	44.075	ng	100
66) n-Nitrosodiphenylamine	10.586	169	583617	41.773	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	205559	41.803	ng	100
68) Hexachlorobenzene	11.022	284	237363	41.695	ng	100
69) Atrazine	11.110	200	173212	40.905	ng	100
70) Pentachlorophenol	11.216	266	140140	42.862	ng	100
71) Phenanthrene	11.439	178	868592	40.266	ng	100
72) Anthracene	11.492	178	912011	41.850	ng	100
73) Carbazole	11.645	167	786783	40.765	ng	100
74) Di-n-butylphthalate	11.975	149	936899	41.884	ng	100
75) Fluoranthene	12.627	202	918503	41.223	ng	100
77) Benzidine	12.751	184	387464	43.833	ng	100
78) Pyrene	12.863	202	948521	44.692	ng	100
80) Butylbenzylphthalate	13.480	149	315716	45.804	ng	100
81) Benzo(a)anthracene	14.051	228	711609	42.715	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	224071	44.135	ng	100
83) Chrysene	14.086	228	658639	42.717	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	376273	45.286	ng	100
85) Di-n-octyl phthalate	14.657	149	608123	44.561	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	699234	45.470	ng	100
88) Benzo(b)fluoranthene	15.104	252	636888	44.178	ng	100
89) Benzo(k)fluoranthene	15.133	252	556111	41.688	ng	100
90) Benzo(a)pyrene	15.480	252	553098	44.246	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	566134	45.774	ng	100
92) Benzo(g,h,i)perylene	17.492	276	560761	45.340	ng	100

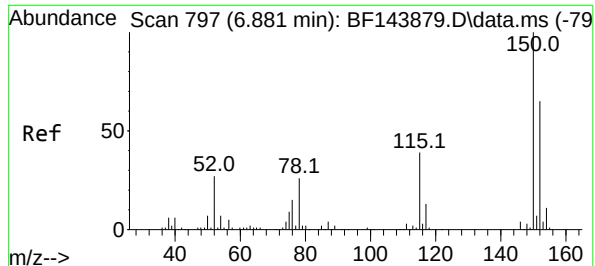
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\  
Data File : BF143879.D  
Acq On    : 06 Oct 2025 12:54  
Operator  : RC/JU  
Sample    : SSTDIDCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Oct 06 15:38:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

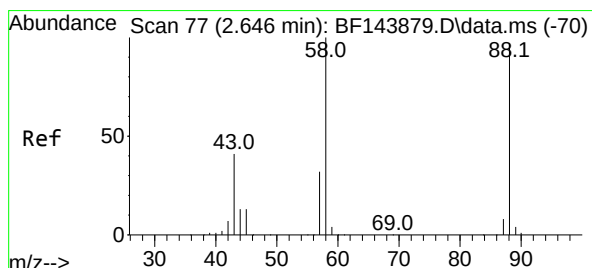
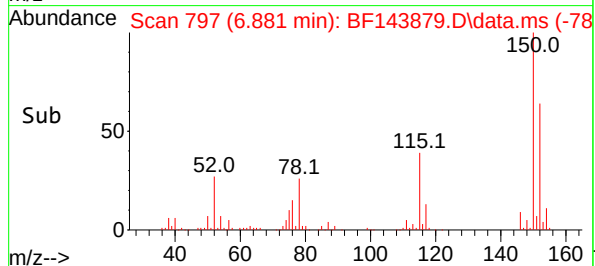
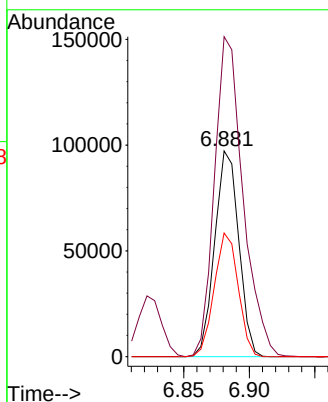
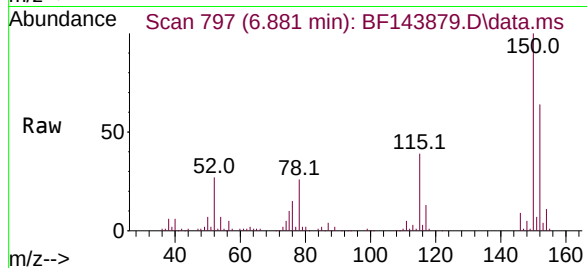




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

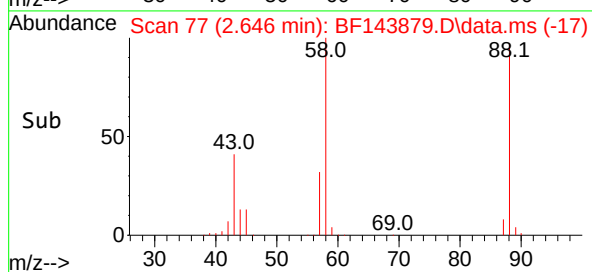
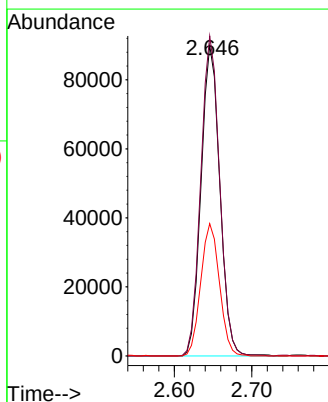
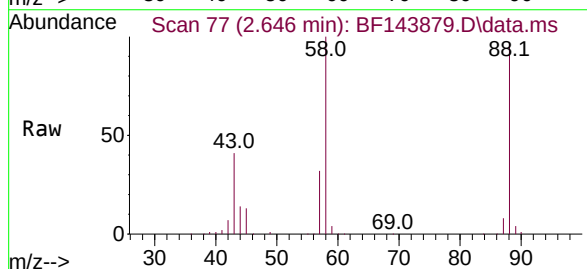
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

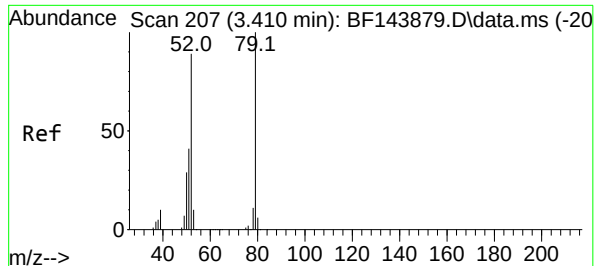
Tgt Ion:152 Resp: 124152
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 60.1 48.1 72.1



#2
1,4-Dioxane
Concen: 41.781 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 88 Resp: 151157
Ion Ratio Lower Upper
88 100
58 103.8 83.0 124.6
43 42.4 33.9 50.9





#3

Pyridine

Concen: 41.775 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

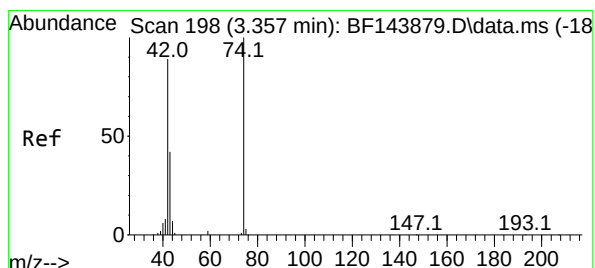
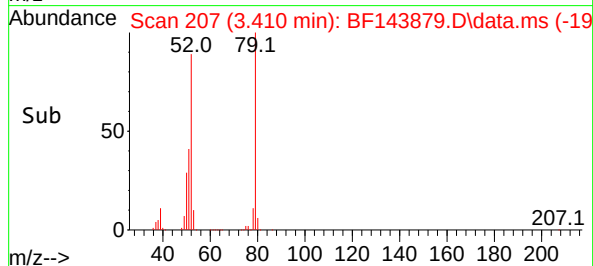
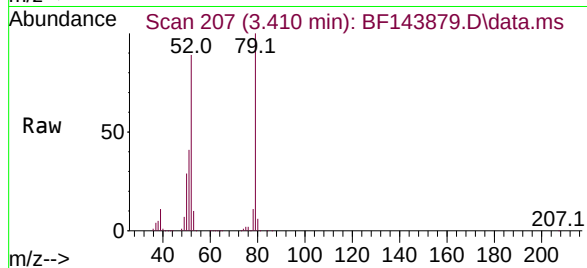
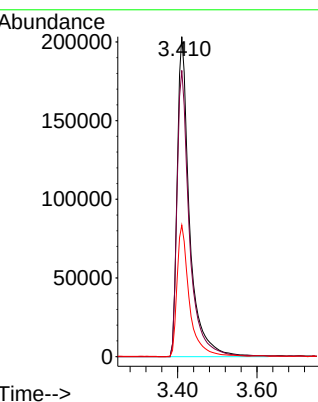
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 439985

Ion	Ratio	Lower	Upper
79	100		
52	89.4	71.5	107.3
51	41.1	32.9	49.3



#4

n-Nitrosodimethylamine

Concen: 40.760 ng

RT: 3.357 min Scan# 198

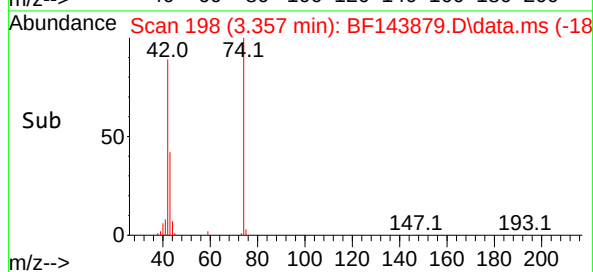
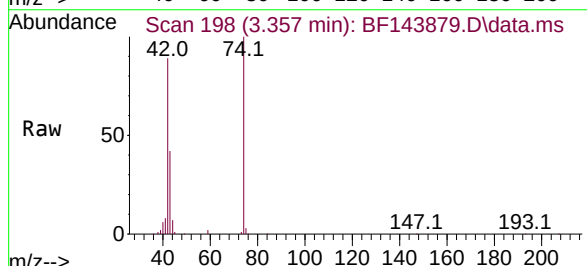
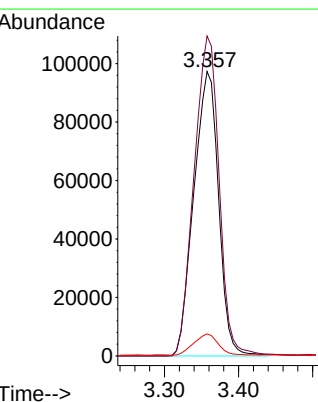
Delta R.T. -0.029 min

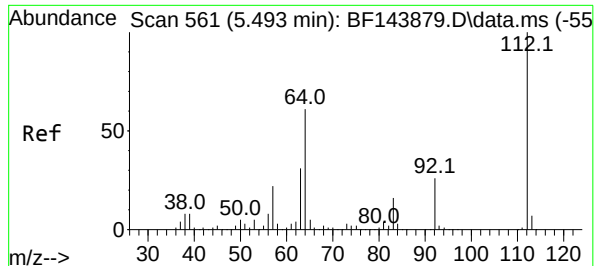
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion: 42 Resp: 225827

Ion	Ratio	Lower	Upper
42	100		
74	112.5	90.0	135.0
44	7.7	6.2	9.2





#5
2-Fluorophenol

Concen: 83.027 ng

RT: 5.493 min Scan# 561

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

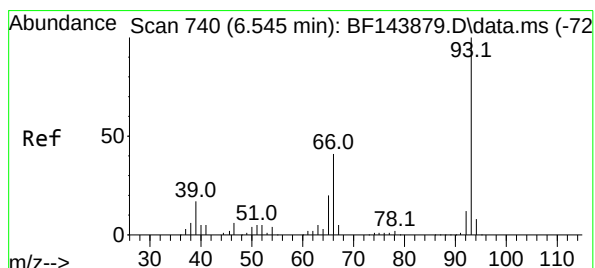
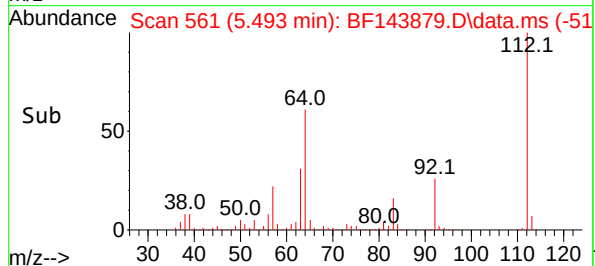
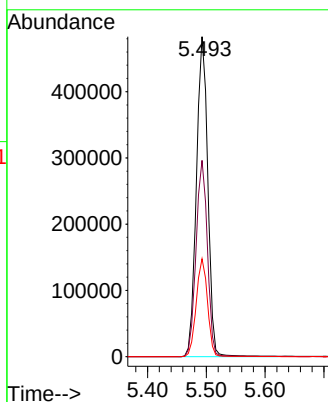
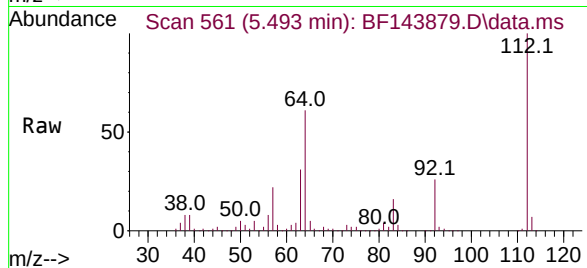
Tgt Ion:112 Resp: 649121

Ion Ratio Lower Upper

112 100

64 61.4 49.1 73.7

63 30.6 24.5 36.7



#6

Aniline

Concen: 41.662 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

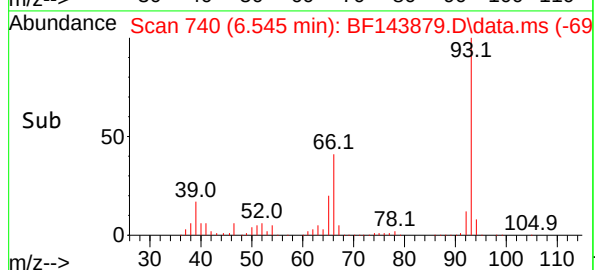
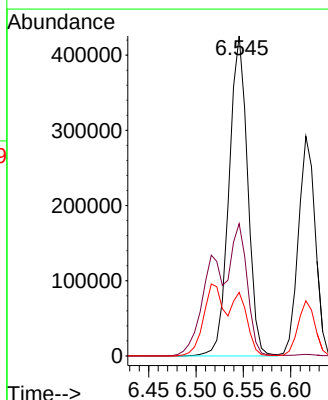
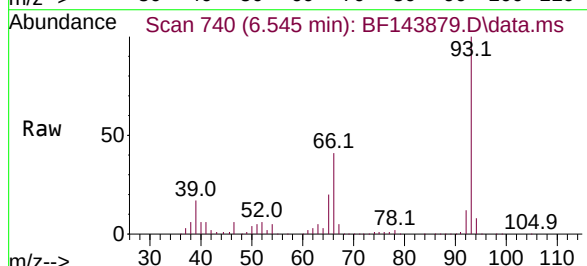
Tgt Ion: 93 Resp: 581779

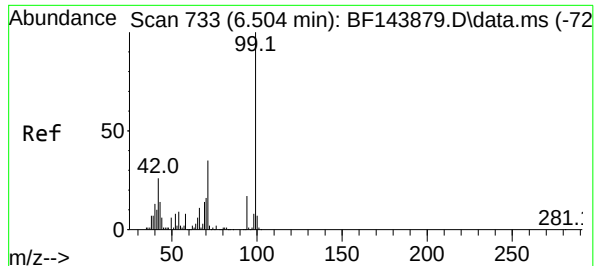
Ion Ratio Lower Upper

93 100

66 41.3 33.0 49.6

65 19.8 15.8 23.8





#7

Phenol-d6

Concen: 82.158 ng

RT: 6.504 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

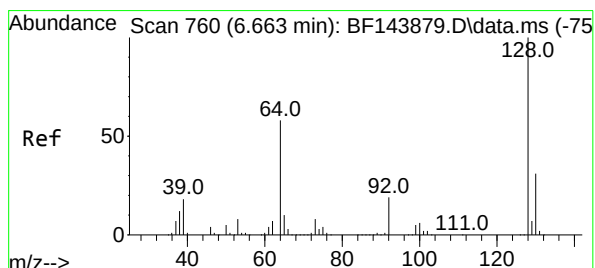
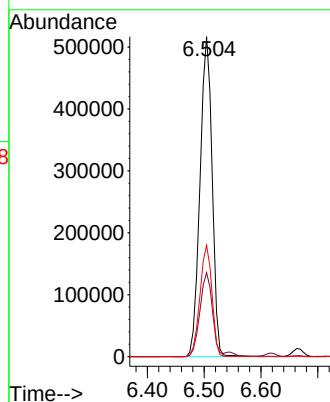
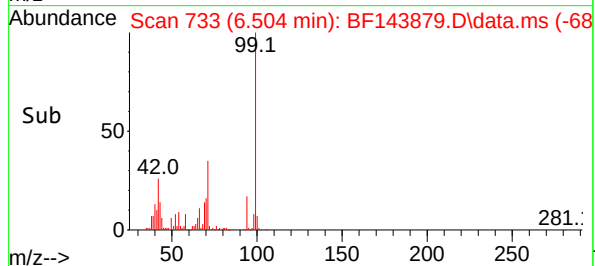
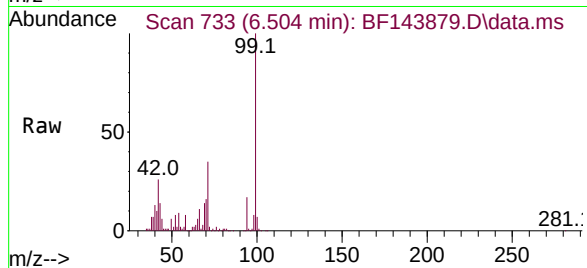
Tgt Ion: 99 Resp: 765629

Ion Ratio Lower Upper

99 100

42 26.2 21.0 31.4

71 34.8 27.8 41.8



#8

2-Chlorophenol

Concen: 42.055 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

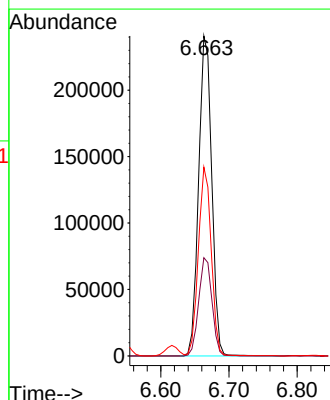
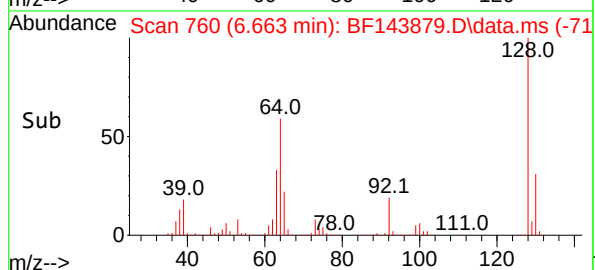
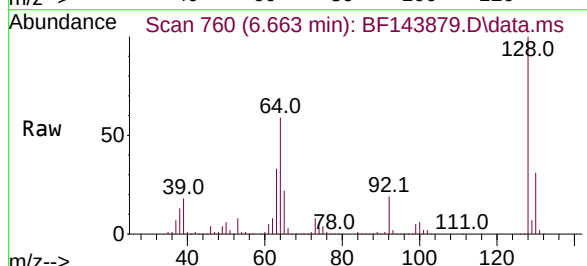
Tgt Ion: 128 Resp: 321394

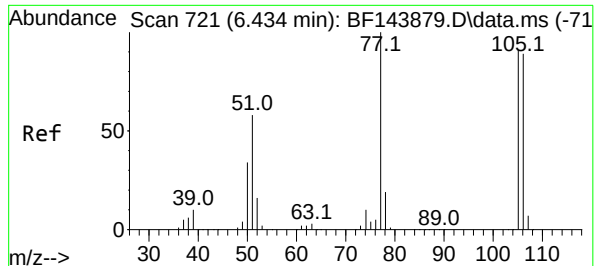
Ion Ratio Lower Upper

128 100

130 30.7 10.7 50.7

64 59.0 39.0 79.0





#9
Benzaldehyde

Concen: 45.914 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

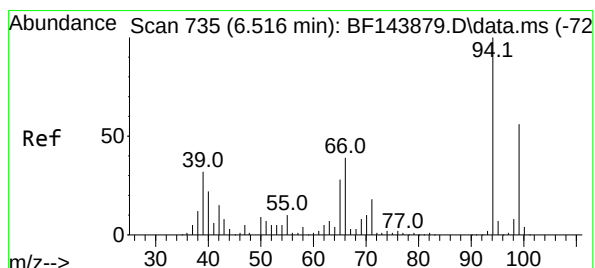
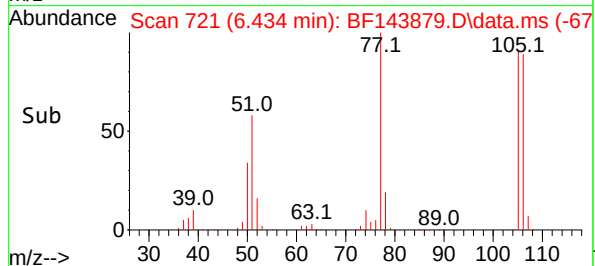
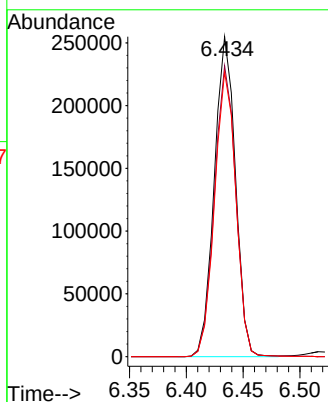
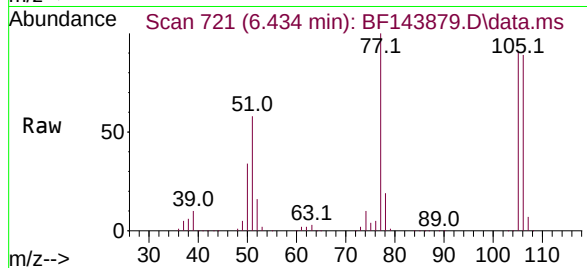
Tgt Ion: 77 Resp: 330062

Ion Ratio Lower Upper

77 100

105 90.9 70.9 110.9

106 88.9 68.9 108.9



#10

Phenol

Concen: 41.042 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

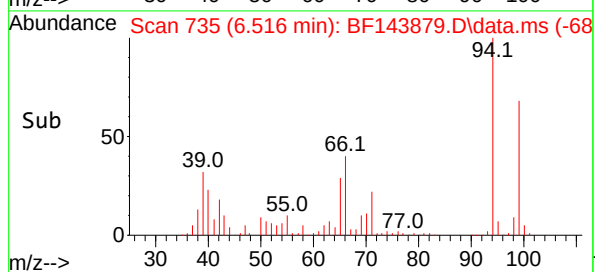
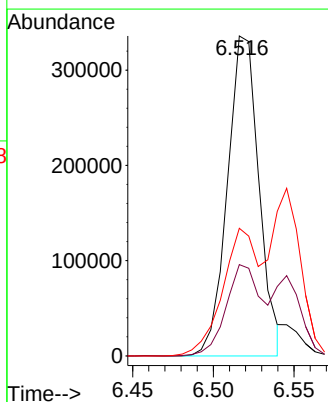
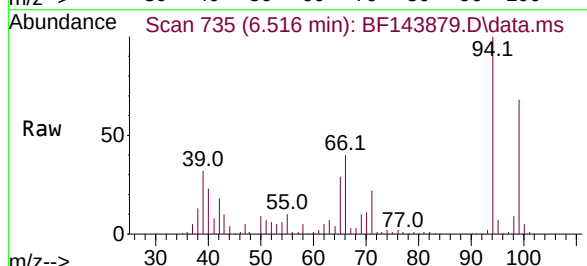
Tgt Ion: 94 Resp: 457250

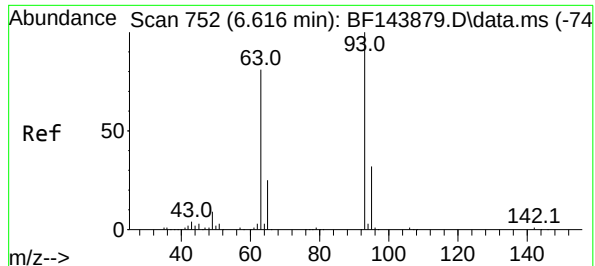
Ion Ratio Lower Upper

94 100

65 28.5 8.5 48.5

66 39.9 19.9 59.9

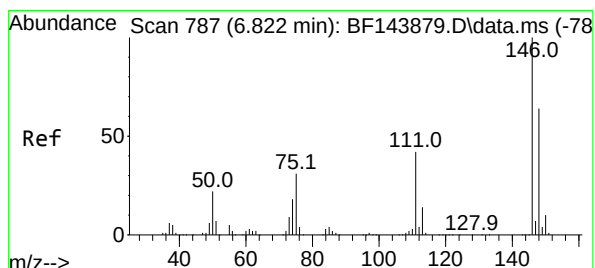
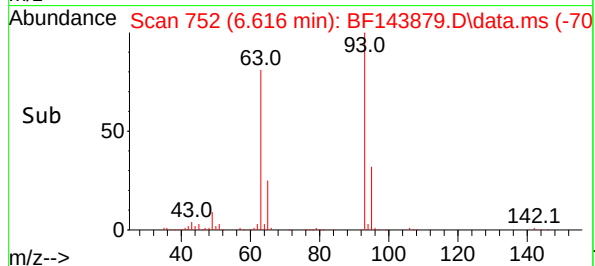
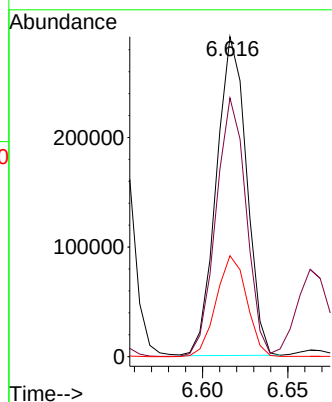
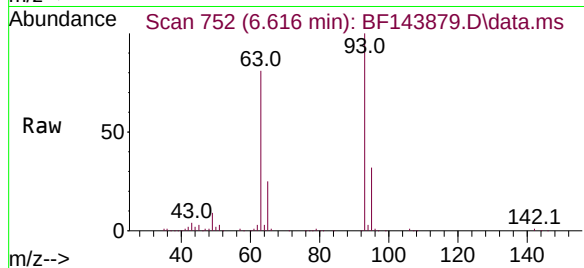




#11
bis(2-Chloroethyl)ether
Concen: 41.712 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

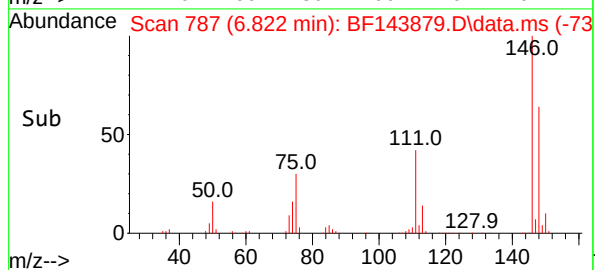
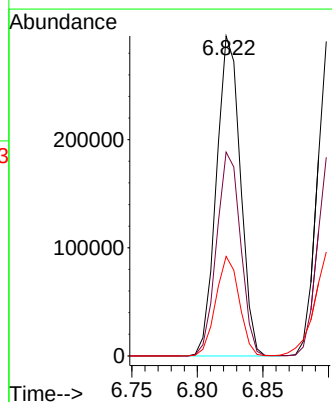
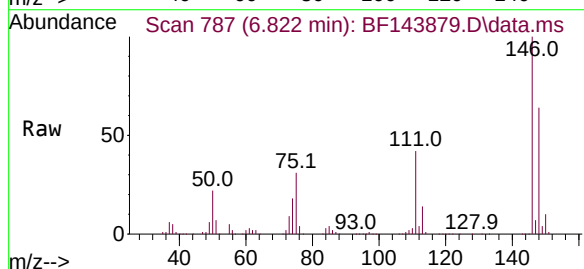
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

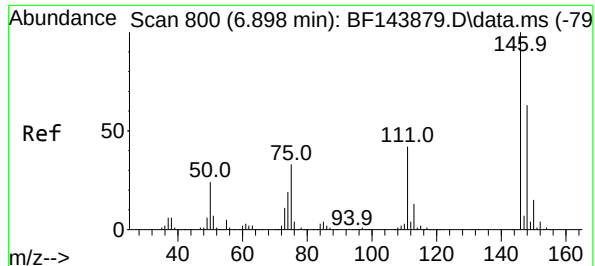
Tgt Ion: 93 Resp: 358980
Ion Ratio Lower Upper
93 100
63 80.9 60.9 100.9
95 31.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.141 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 146 Resp: 376359
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 31.1 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 41.238 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

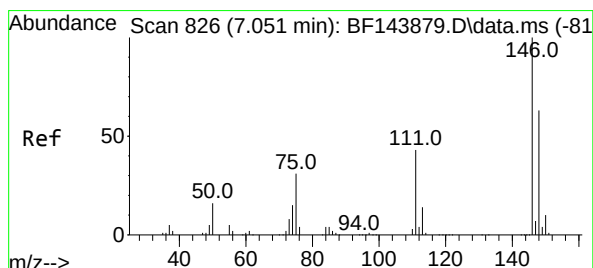
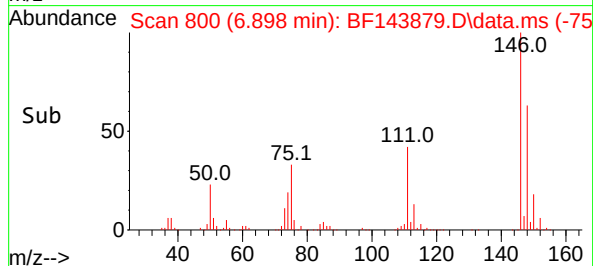
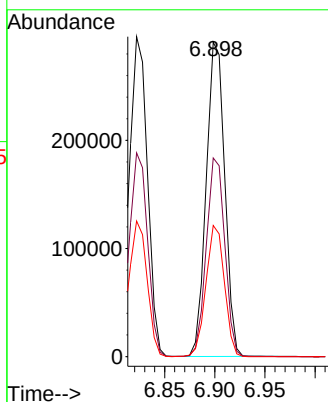
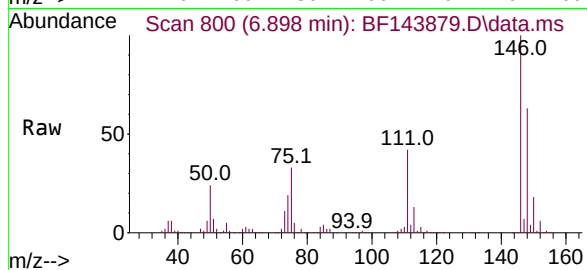
Tgt Ion:146 Resp: 372118

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 41.7 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 41.204 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

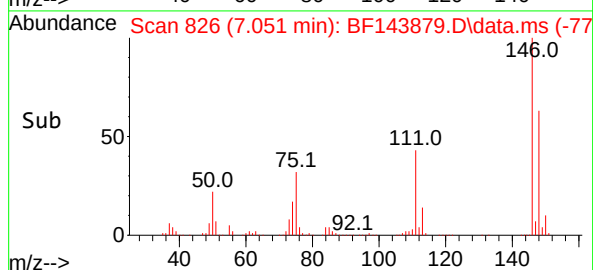
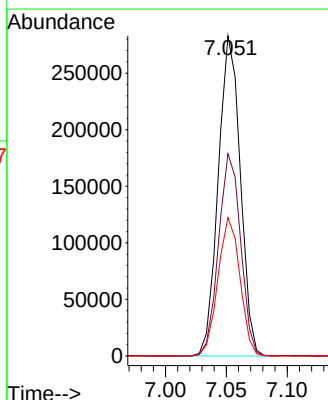
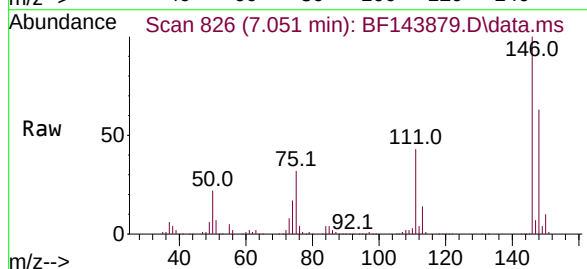
Tgt Ion:146 Resp: 356137

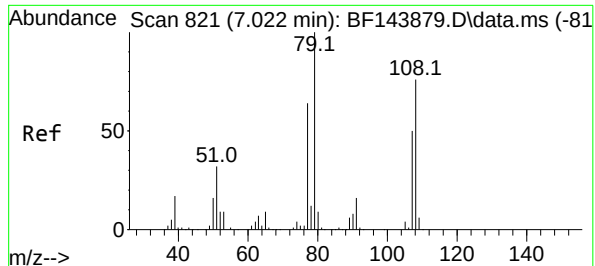
Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

111 43.2 34.6 51.8

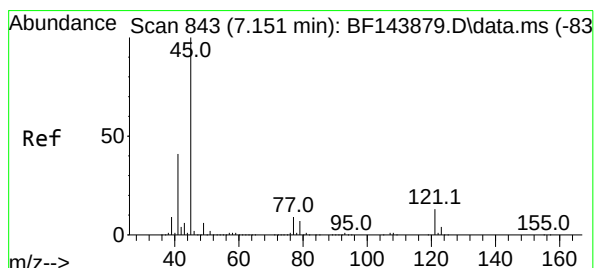
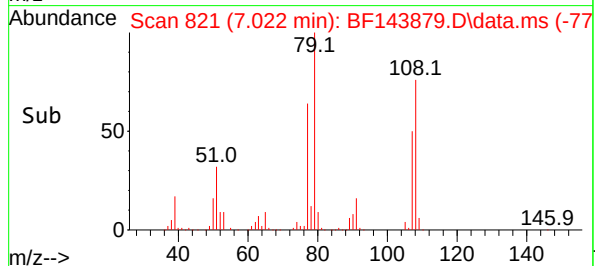
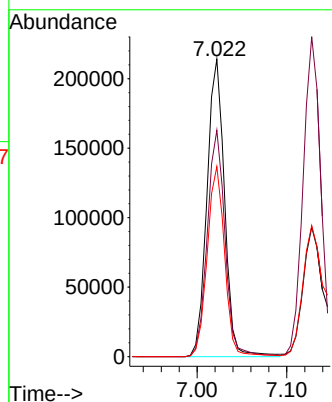
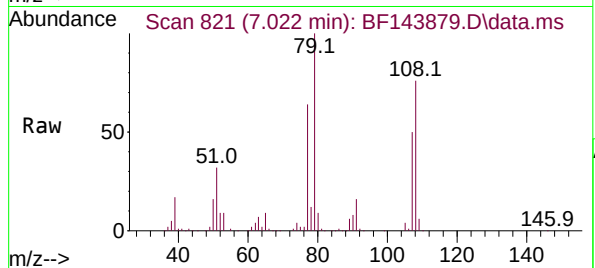




#15
Benzyl Alcohol
Concen: 41.707 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

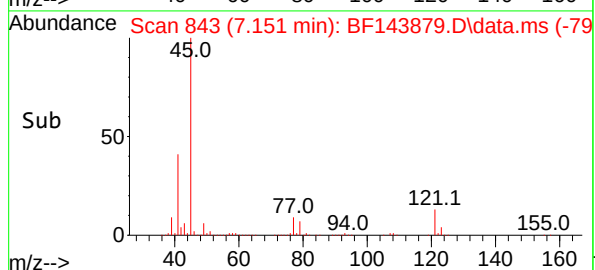
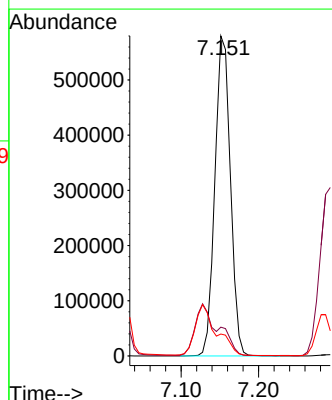
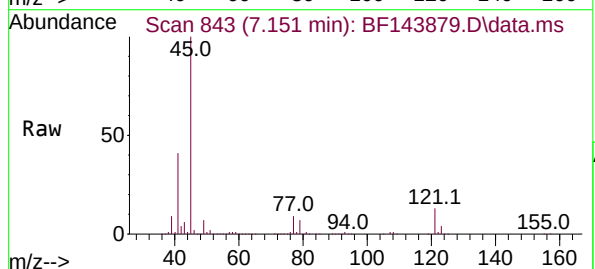
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

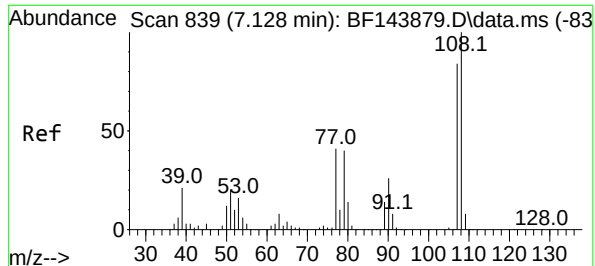
Tgt Ion: 79 Resp: 291212
Ion Ratio Lower Upper
79 100
108 76.0 60.8 91.2
77 63.8 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.052 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 45 Resp: 804199
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.8 0.0 26.8

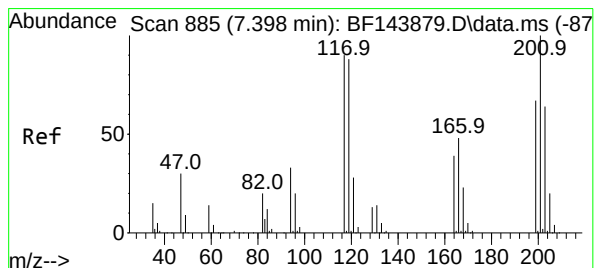
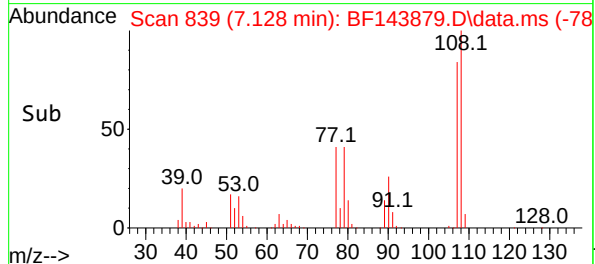
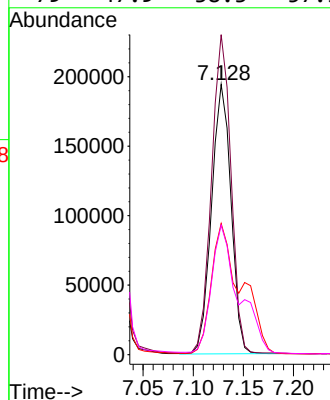
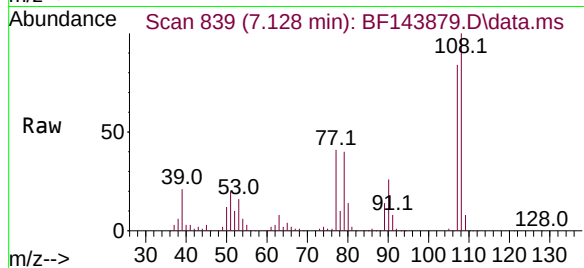




#17
2-Methylphenol
Concen: 41.430 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

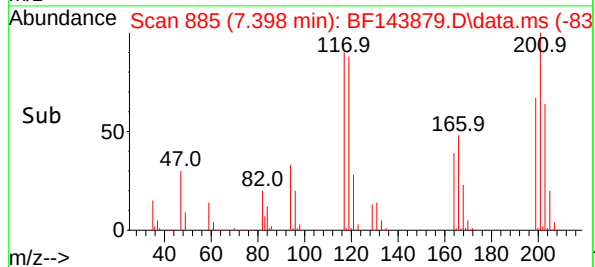
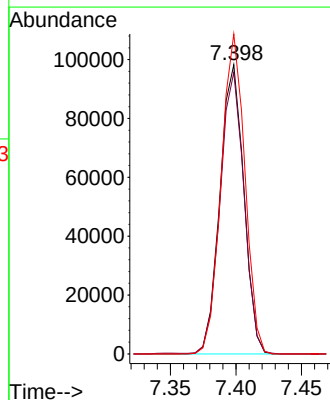
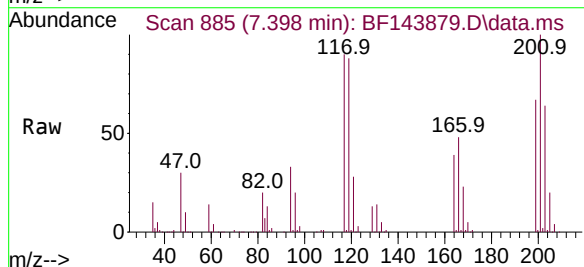
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

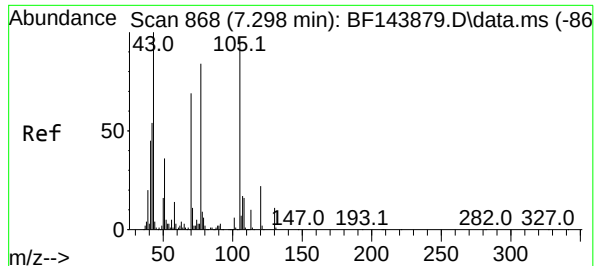
Tgt Ion:	107	Resp:	261669
Ion	Ratio	Lower	Upper
107	100		
108	118.4	94.7	142.1
77	48.5	38.8	58.2
79	47.9	38.3	57.5



#18
Hexachloroethane
Concen: 41.313 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:	117	Resp:	124325
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.8
201	110.6	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 39.929 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 254701

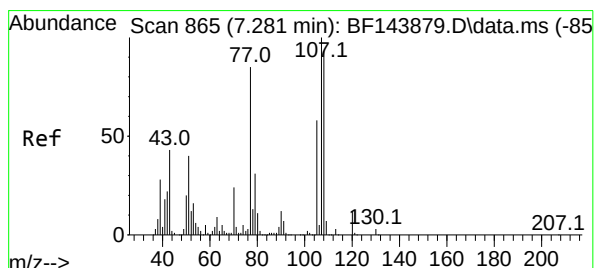
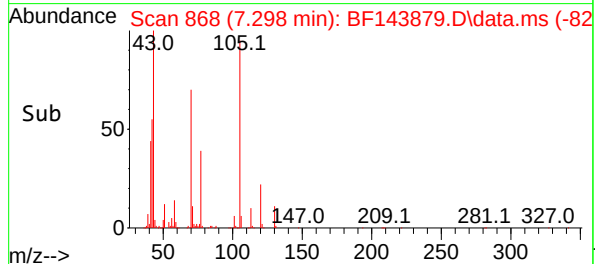
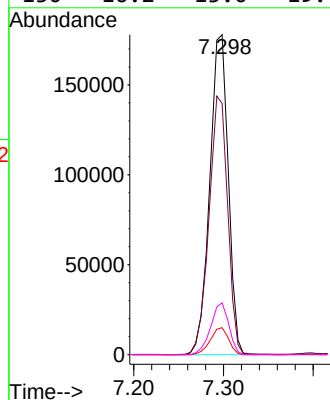
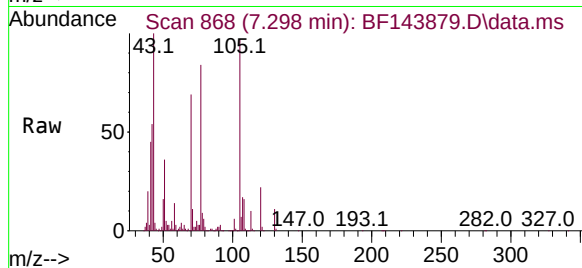
Ion Ratio Lower Upper

70 100

42 78.5 62.8 94.2

101 8.4 6.7 10.1

130 16.2 13.0 19.4



#20

3+4-Methylphenols

Concen: 42.934 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion: 107 Resp: 314281

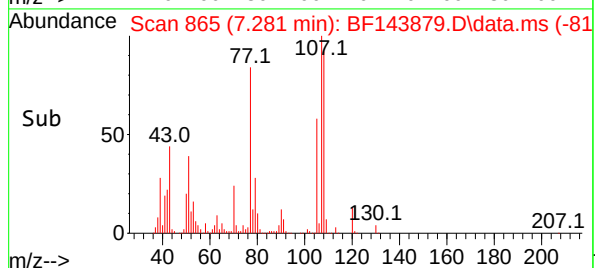
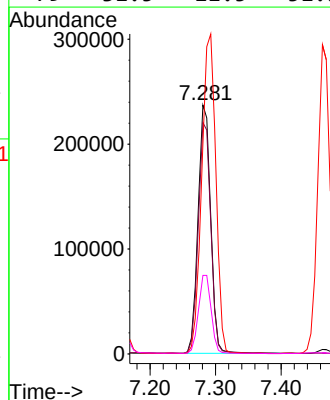
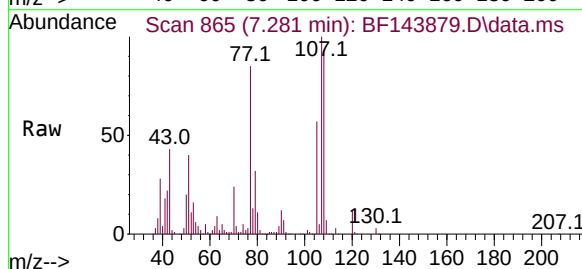
Ion Ratio Lower Upper

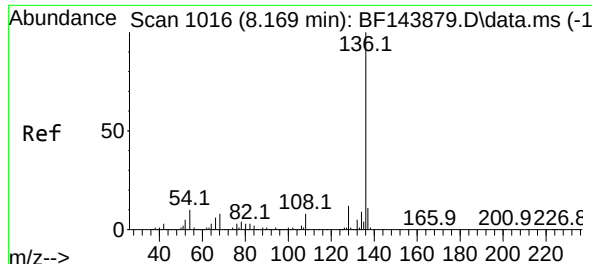
107 100

108 93.0 73.0 113.0

77 84.6 64.6 104.6

79 31.5 11.5 51.5



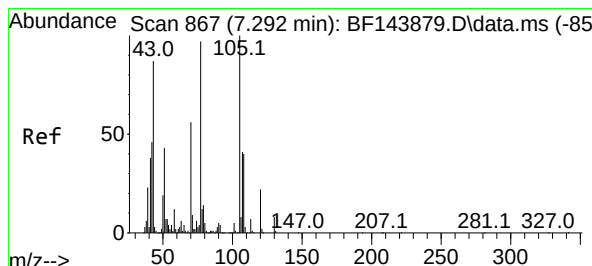
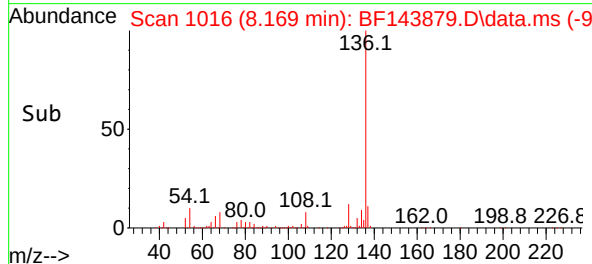
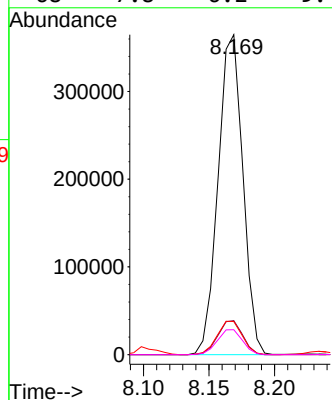
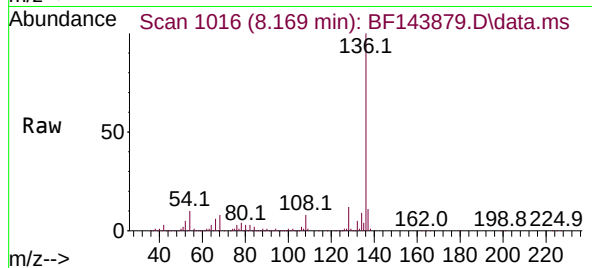


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:136 Resp: 479933

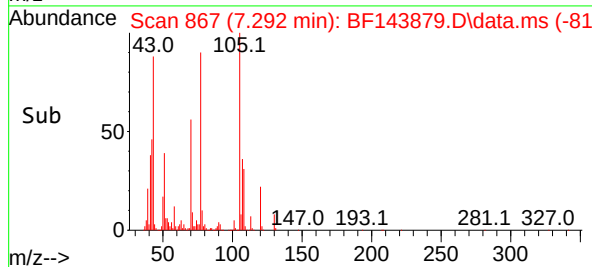
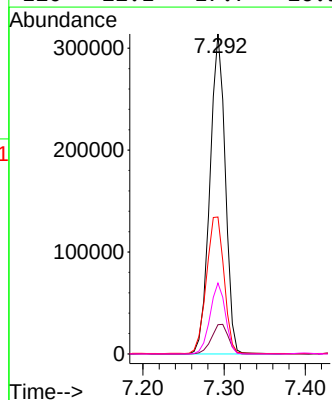
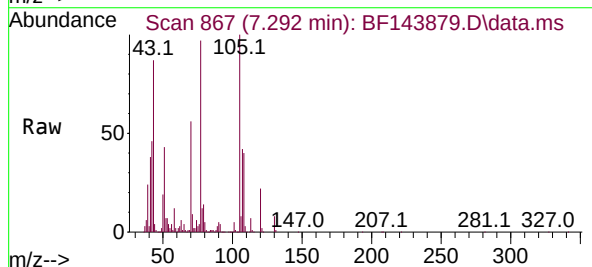
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.3	8.2	12.4
68	7.8	6.2	9.4

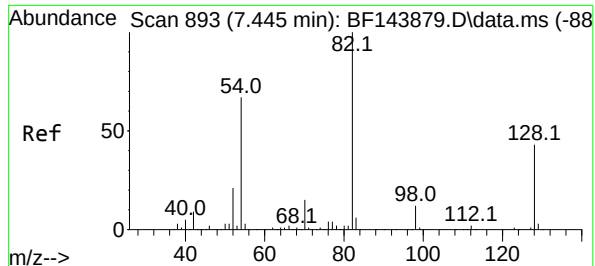


#22
Acetophenone
Concen: 40.946 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:105 Resp: 415513

Ion	Ratio	Lower	Upper
105	100		
71	9.2	7.4	11.0
51	42.8	34.2	51.4
120	22.1	17.7	26.5





#23

Nitrobenzene-d5

Concen: 83.898 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

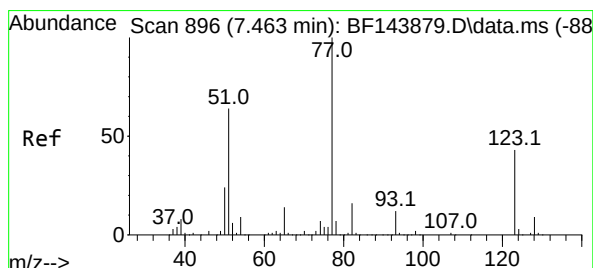
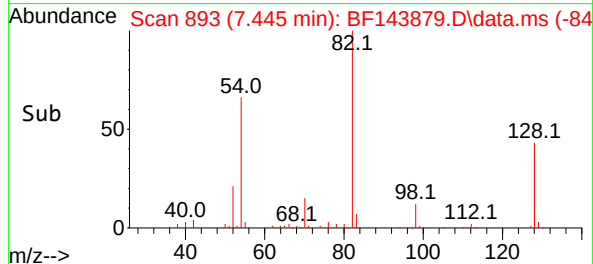
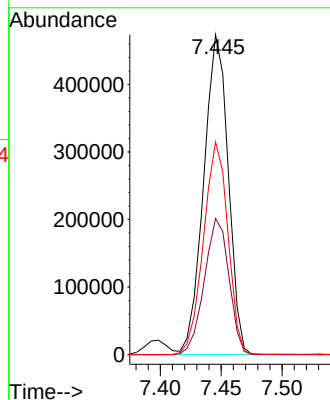
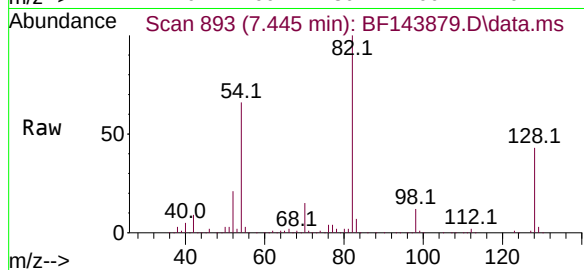
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 662754

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	66.5	53.2	79.8



#24

Nitrobenzene

Concen: 42.828 ng

RT: 7.463 min Scan# 896

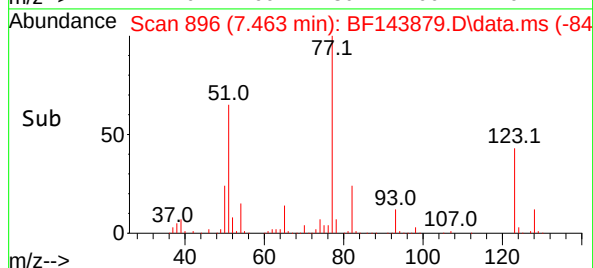
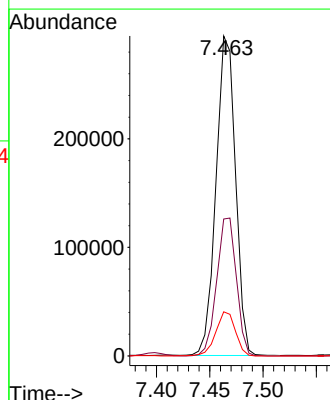
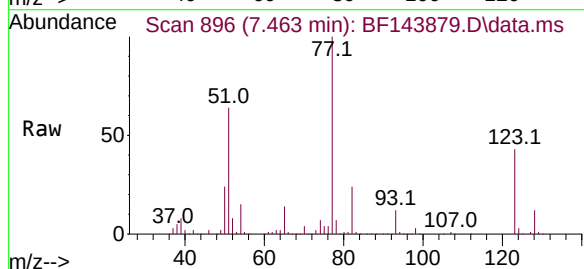
Delta R.T. -0.012 min

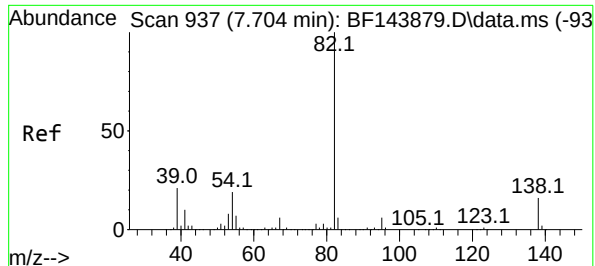
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion: 77 Resp: 375708

Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.2	51.4
65	13.8	11.0	16.6





#25

Isophorone

Concen: 40.645 ng

RT: 7.704 min Scan# 937

Delta R.T. -0.018 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

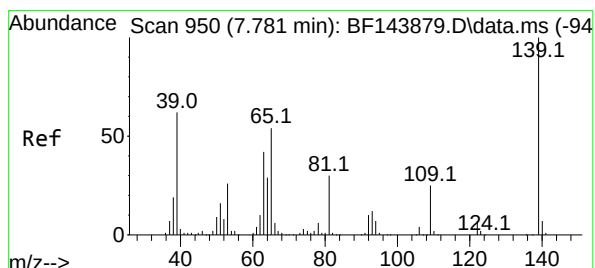
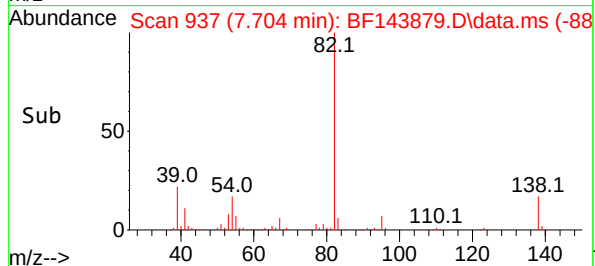
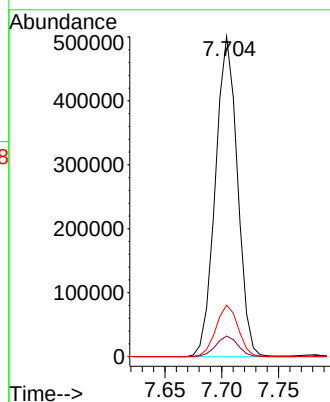
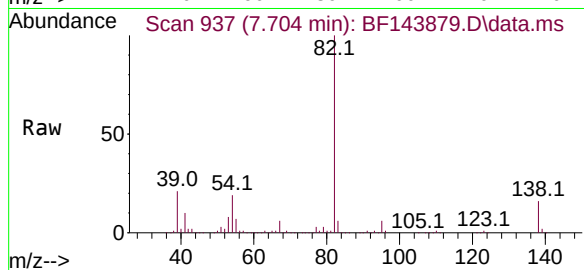
Tgt Ion: 82 Resp: 677007

Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 16.1 12.9 19.3



#26

2-Nitrophenol

Concen: 44.428 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

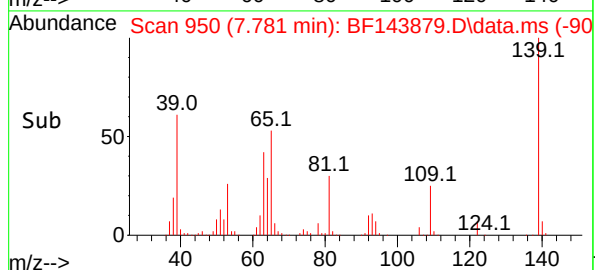
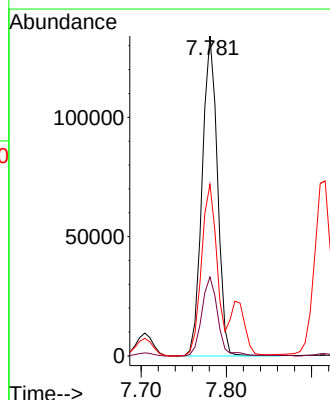
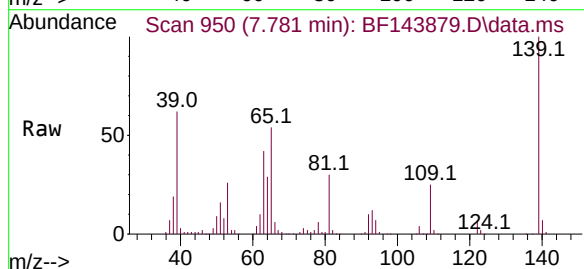
Tgt Ion: 139 Resp: 167096

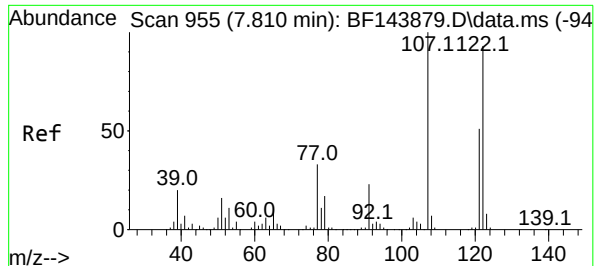
Ion Ratio Lower Upper

139 100

109 24.7 19.8 29.6

65 53.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 41.818 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

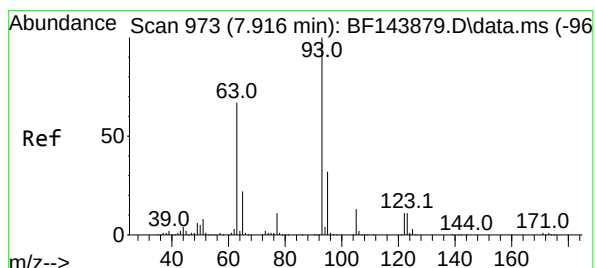
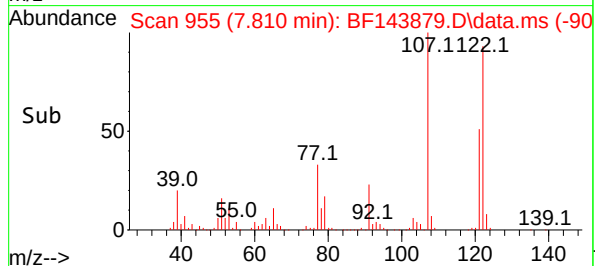
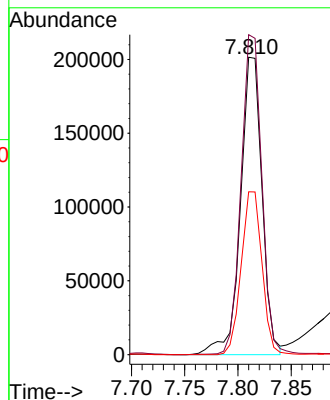
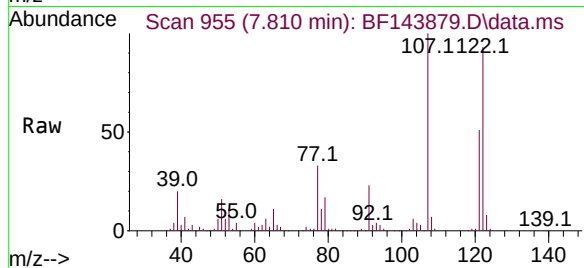
Tgt Ion:122 Resp: 282923

Ion Ratio Lower Upper

122 100

107 107.6 86.1 129.1

121 54.7 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.486 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

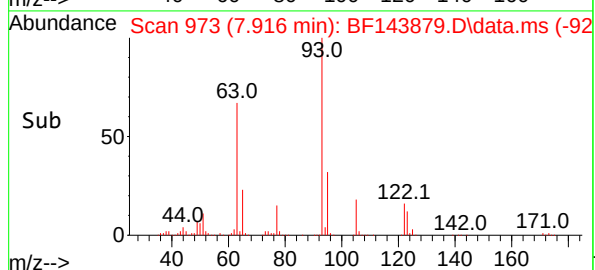
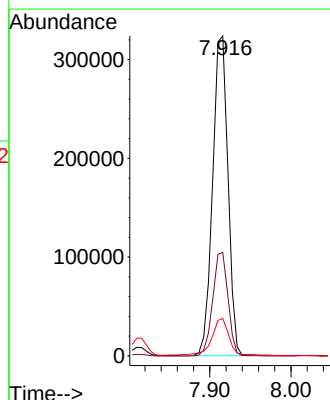
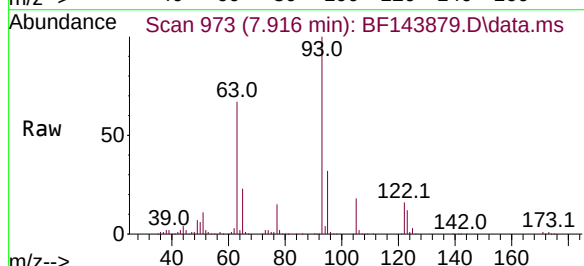
Tgt Ion: 93 Resp: 425986

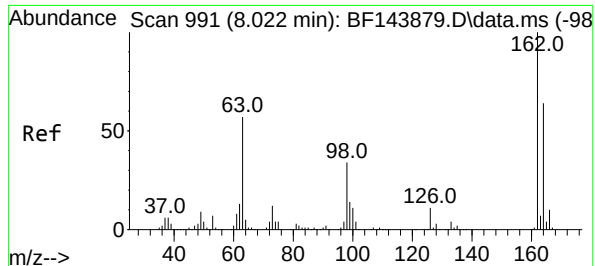
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 41.782 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

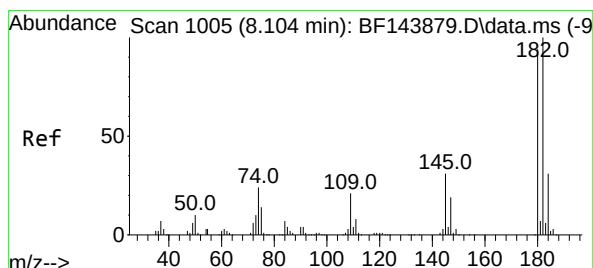
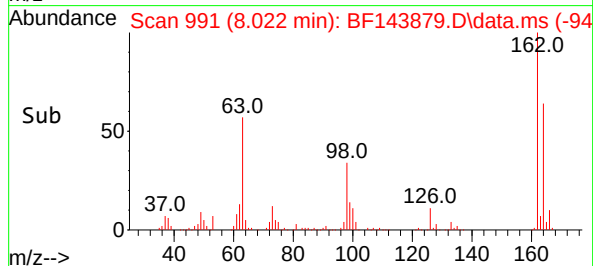
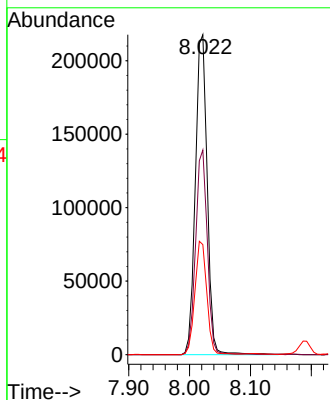
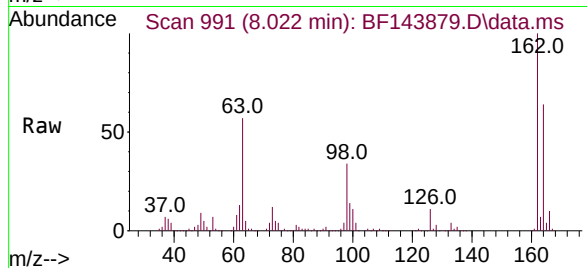
Tgt Ion:162 Resp: 294452

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 34.4 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 41.312 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

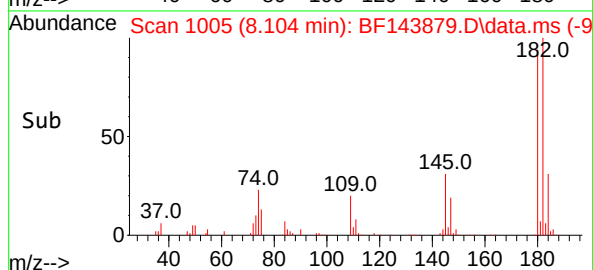
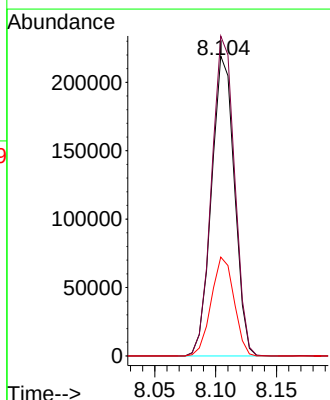
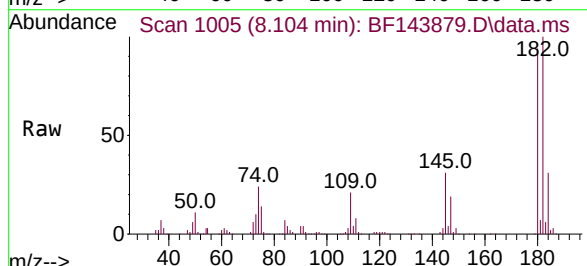
Tgt Ion:180 Resp: 286330

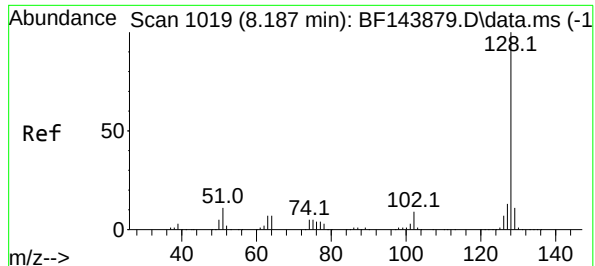
Ion Ratio Lower Upper

180 100

182 106.7 85.4 128.0

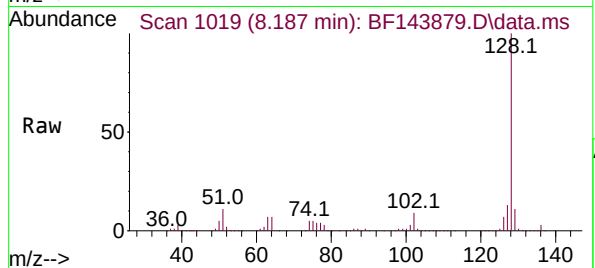
145 32.9 26.3 39.5



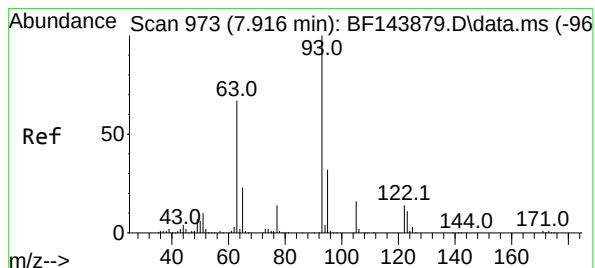
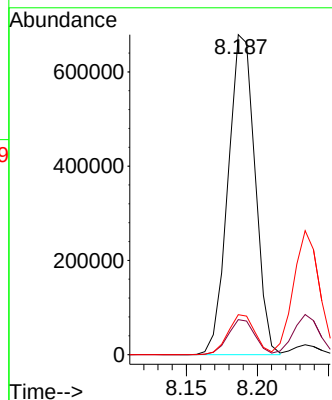
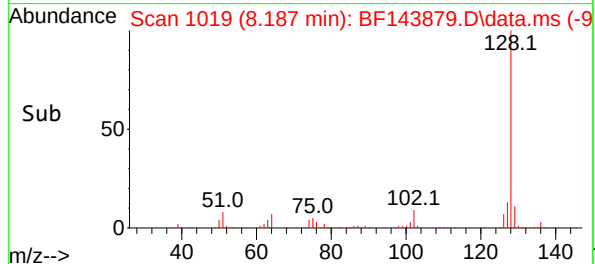


#31
Naphthalene
Concen: 40.961 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

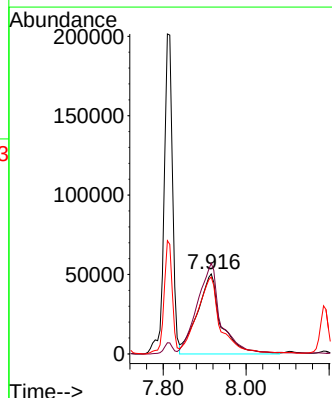
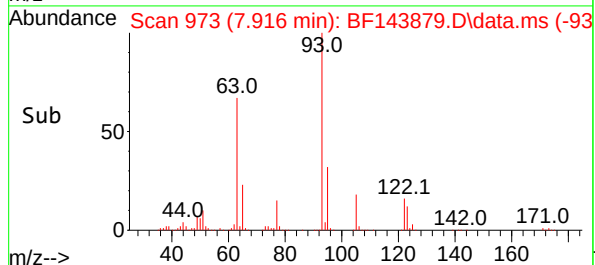
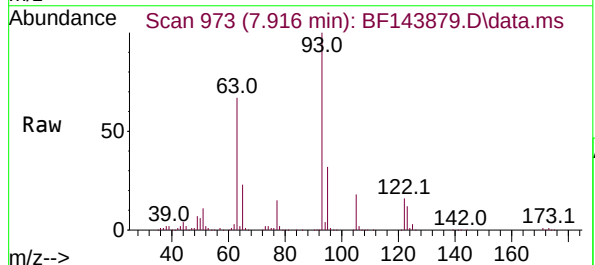


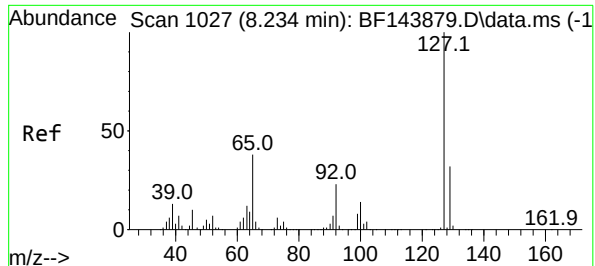
Tgt Ion:128 Resp: 894263
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.5 10.0 15.0



#32
Benzoic acid
Concen: 42.630 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.047 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:122 Resp: 199609
Ion Ratio Lower Upper
122 100
105 113.5 93.5 133.5
77 96.3 76.3 116.3





#33

4-Chloroaniline

Concen: 41.630 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 340866

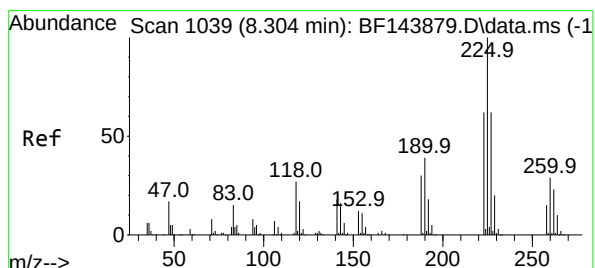
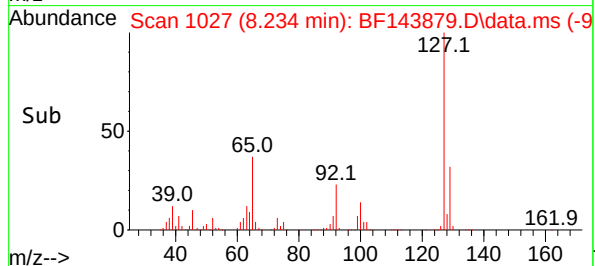
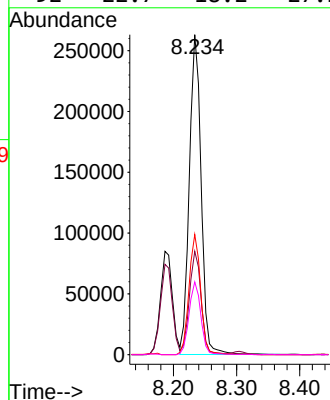
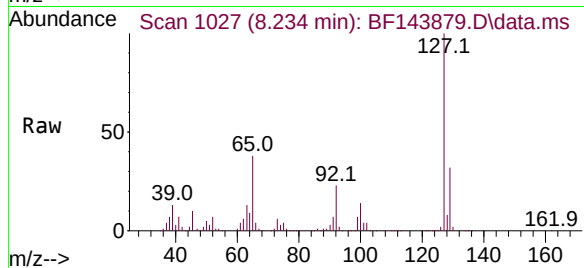
Ion Ratio Lower Upper

127 100

129 32.3 25.8 38.8

65 37.5 30.0 45.0

92 22.7 18.2 27.2



#34

Hexachlorobutadiene

Concen: 41.170 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

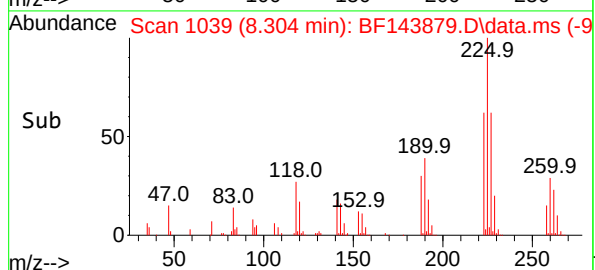
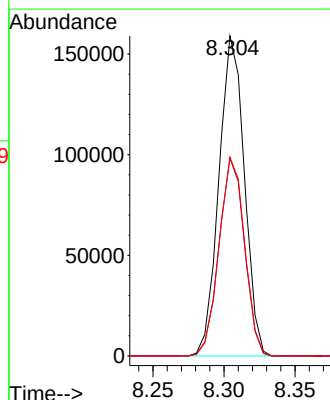
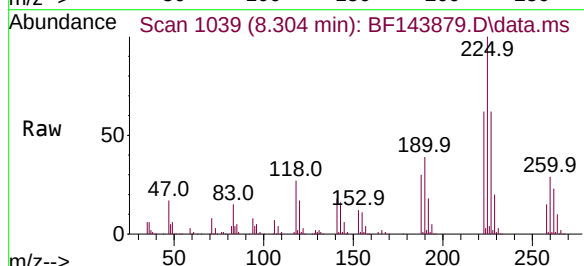
Tgt Ion:225 Resp: 198282

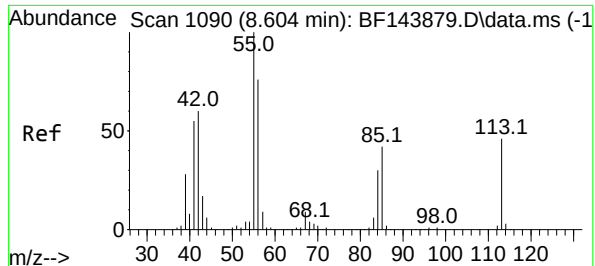
Ion Ratio Lower Upper

225 100

223 61.8 49.4 74.2

227 62.1 49.7 74.5

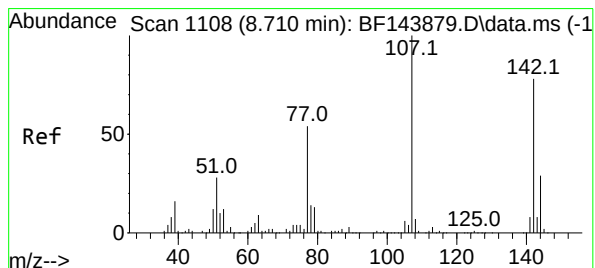
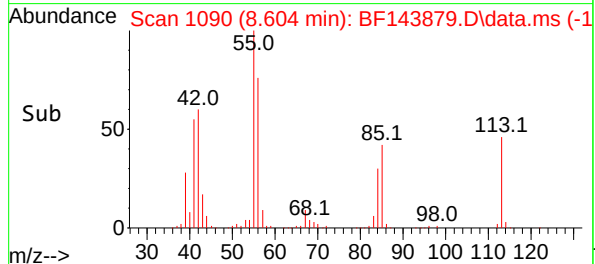
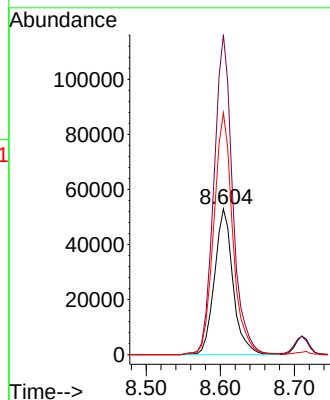
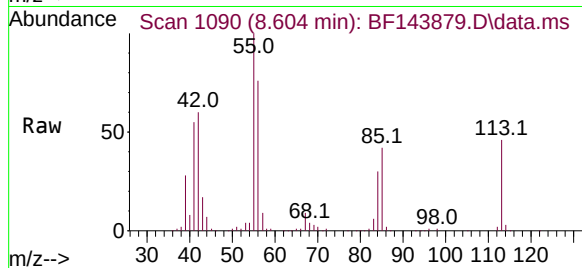




#35
Caprolactam
Concen: 40.816 ng
RT: 8.604 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

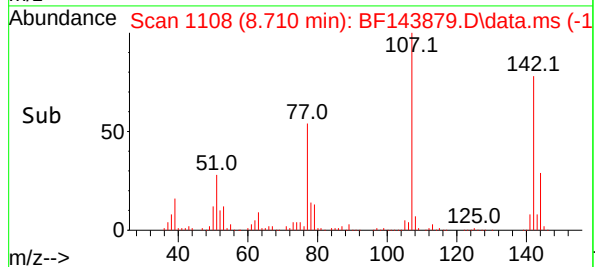
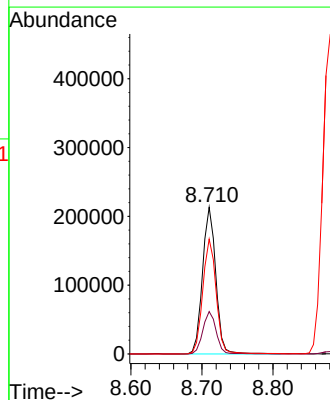
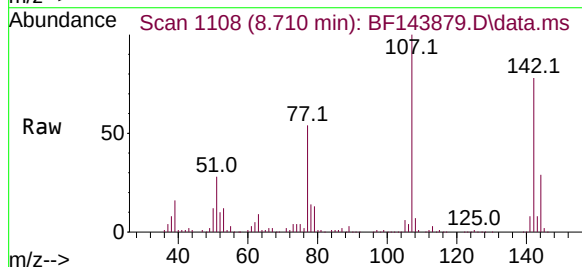
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

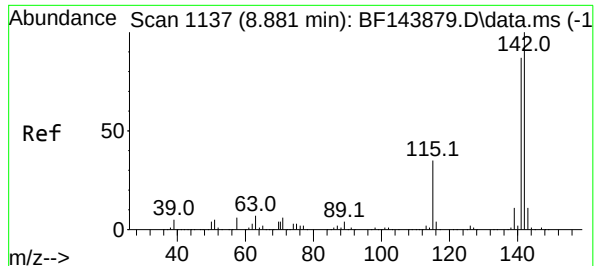
Tgt Ion	Ratio	Lower	Upper
113	100		
55	219.6	199.6	239.6
56	166.0	146.0	186.0



#36
4-Chloro-3-methylphenol
Concen: 40.758 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.9	23.1	34.7
142	78.3	62.6	94.0





#37

2-Methylnaphthalene

Concen: 40.669 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

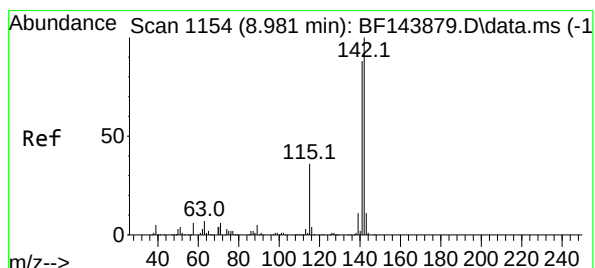
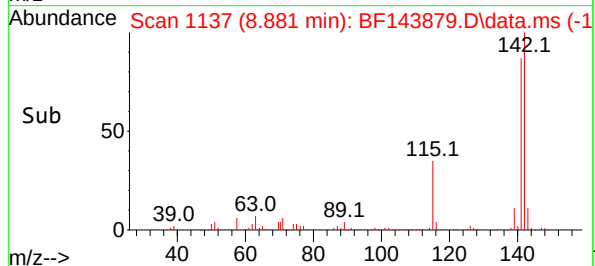
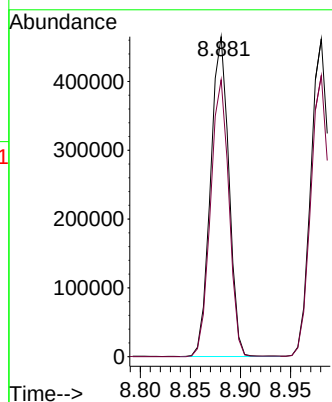
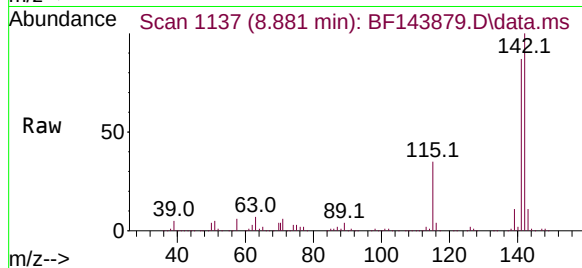
SSTDICCC040

Tgt Ion:142 Resp: 591428

Ion Ratio Lower Upper

142 100

141 86.5 69.2 103.8



#38

1-Methylnaphthalene

Concen: 41.196 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143879.D

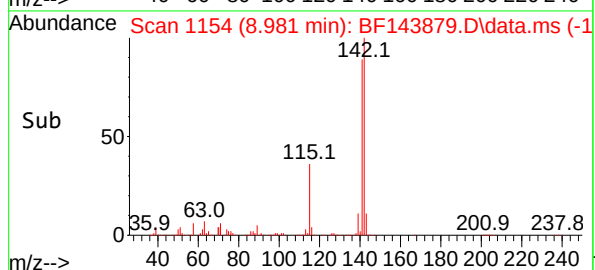
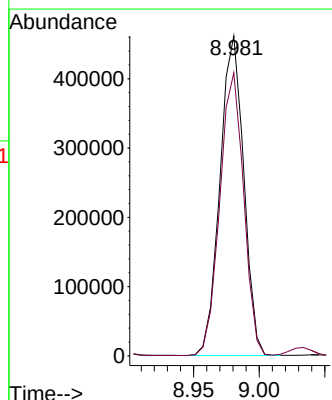
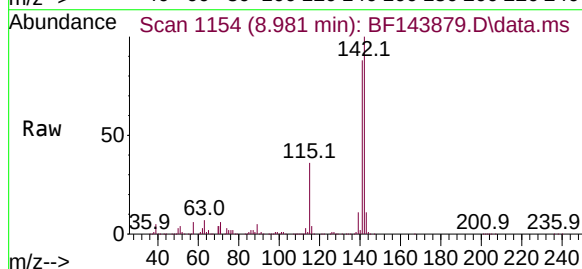
Acq: 06 Oct 2025 12:54

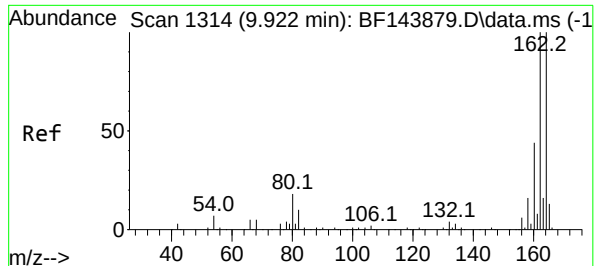
Tgt Ion:142 Resp: 581114

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

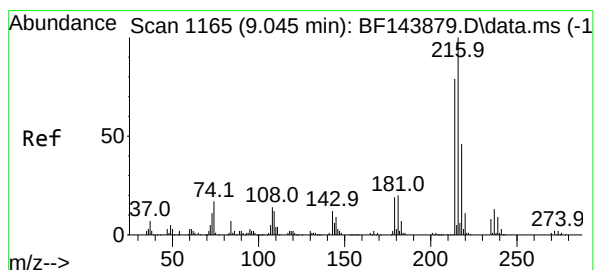
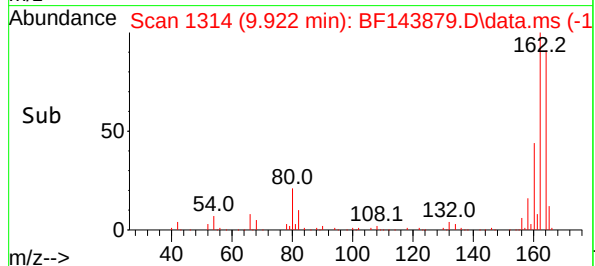
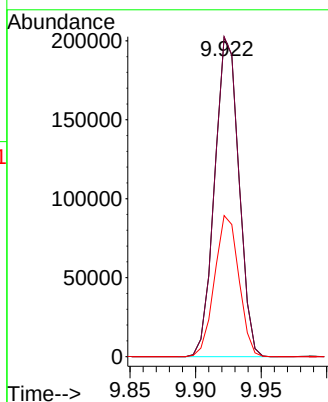
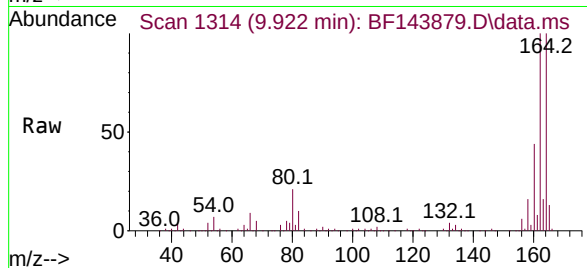
Tgt Ion:164 Resp: 260024

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.665 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:216 Resp: 306622

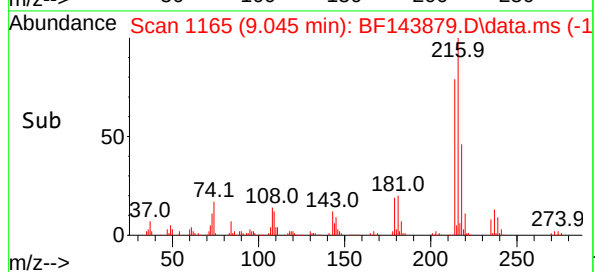
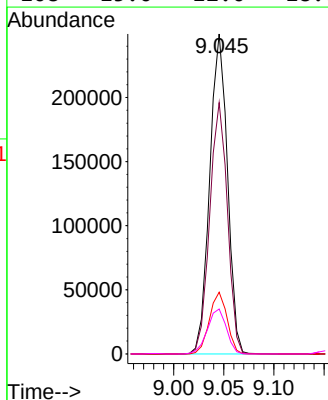
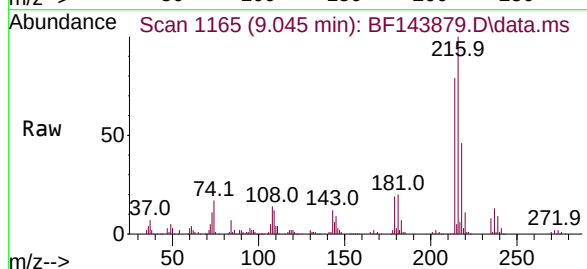
Ion Ratio Lower Upper

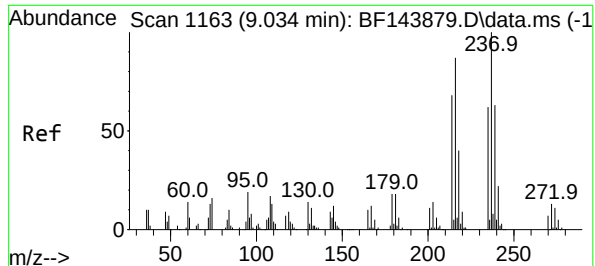
216 100

214 78.3 62.6 94.0

179 19.2 15.4 23.0

108 15.0 12.0 18.0

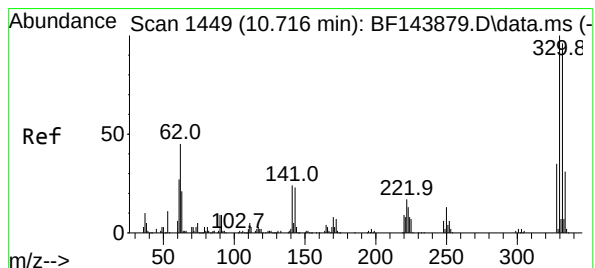
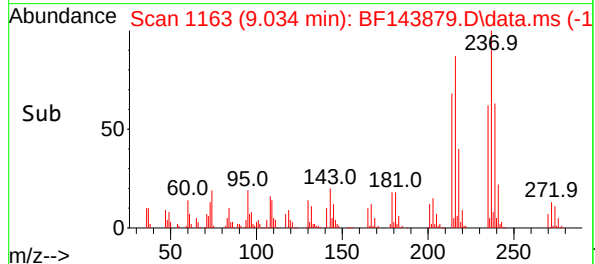
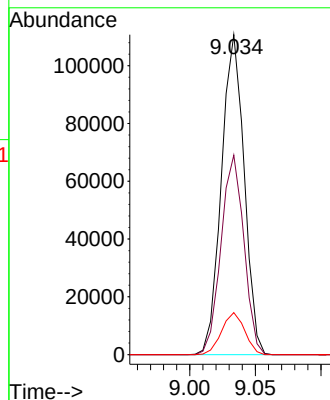
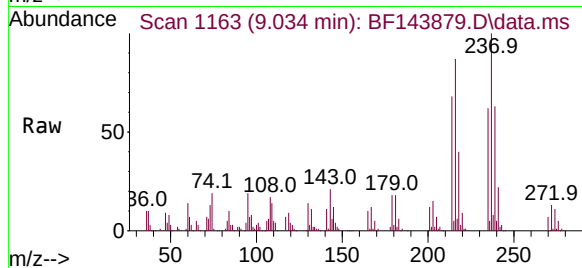




#41
Hexachlorocyclopentadiene
Concen: 44.842 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

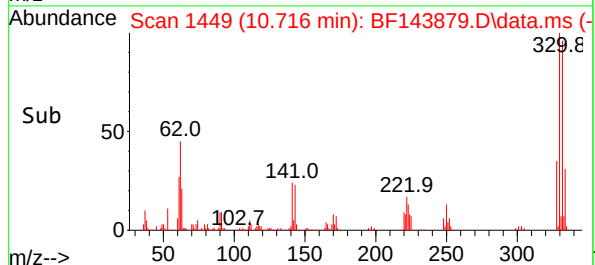
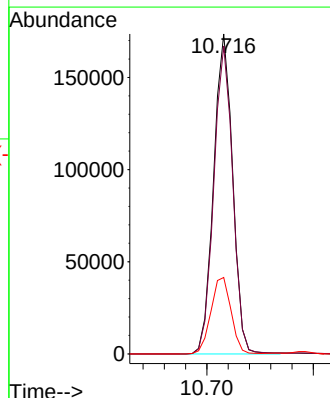
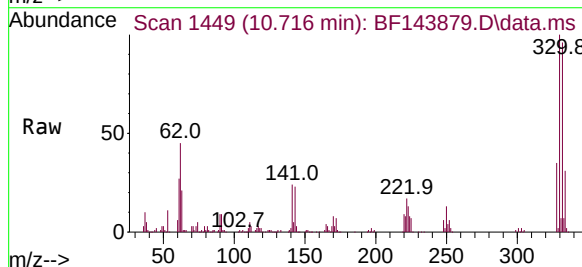
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

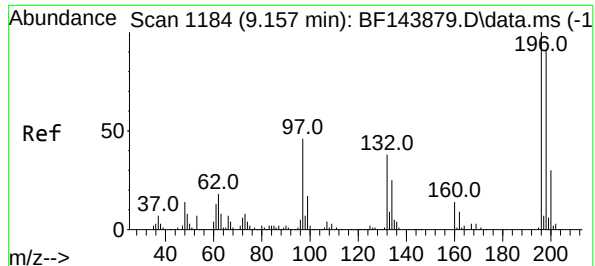
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.3	82.3
272	13.1	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 83.200 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	25.3	20.2	30.4





#43

2,4,6-Trichlorophenol

Concen: 44.081 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

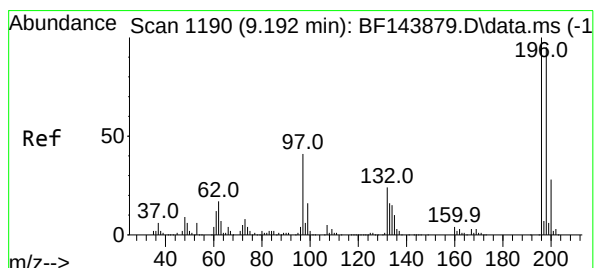
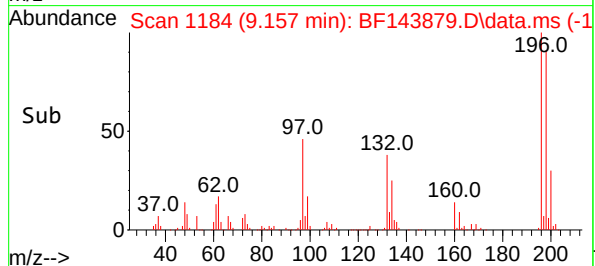
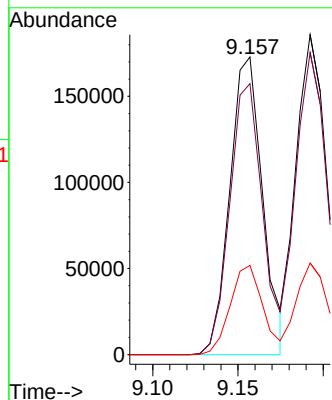
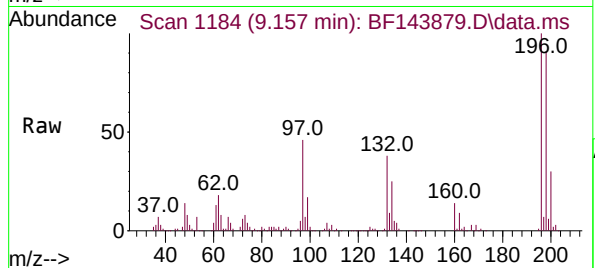
Tgt Ion:196 Resp: 231469

Ion Ratio Lower Upper

196 100

198 91.0 72.8 109.2

200 30.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 42.739 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Tgt Ion:196 Resp: 237161

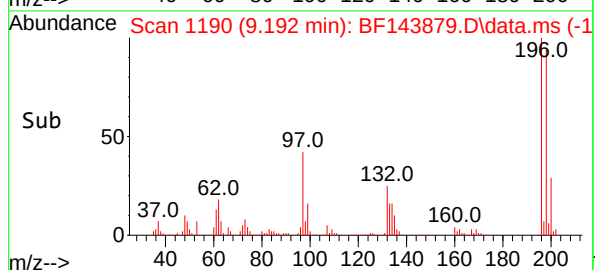
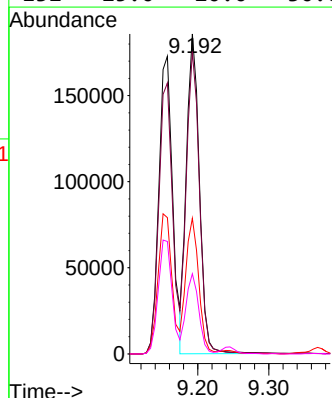
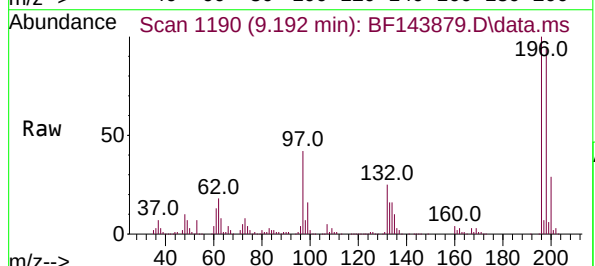
Ion Ratio Lower Upper

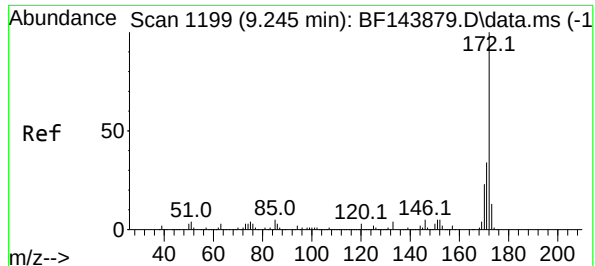
196 100

198 94.4 75.5 113.3

97 42.4 33.9 50.9

132 25.0 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 77.695 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

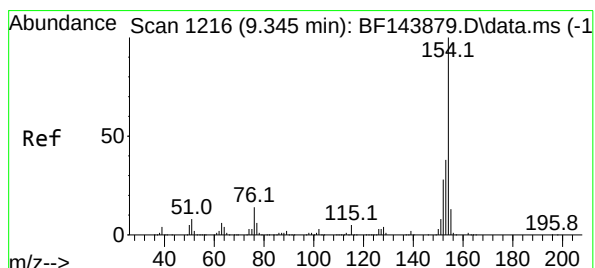
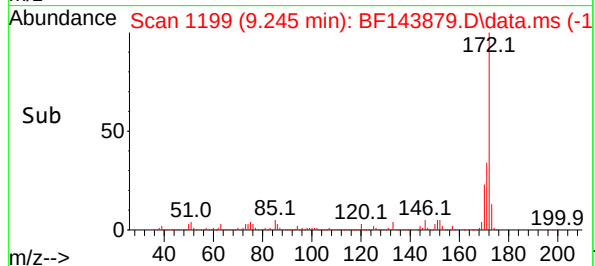
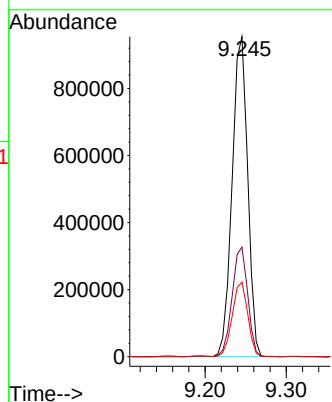
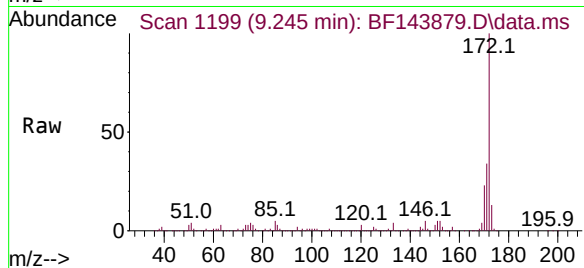
Tgt Ion:172 Resp: 1273210

Ion Ratio Lower Upper

172 100

171 34.2 27.4 41.0

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 41.490 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

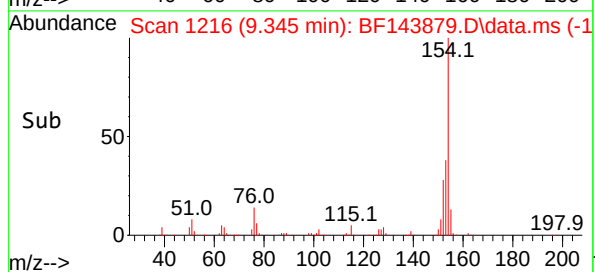
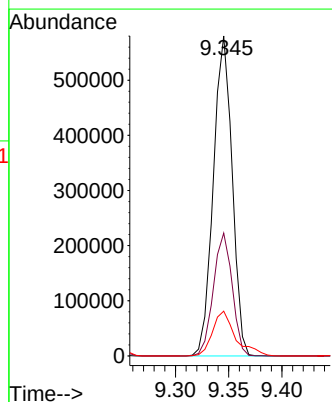
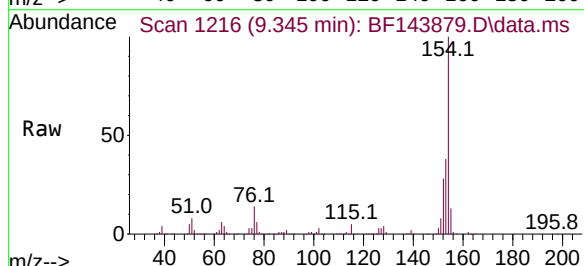
Tgt Ion:154 Resp: 714293

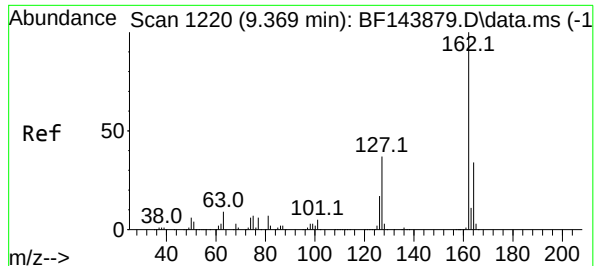
Ion Ratio Lower Upper

154 100

153 38.4 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 41.204 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

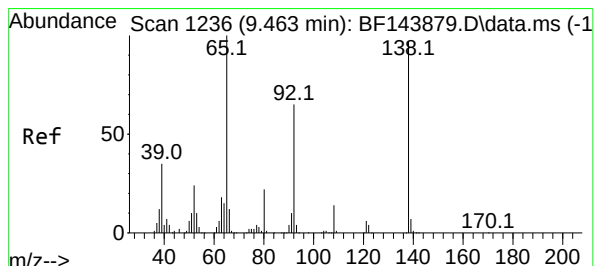
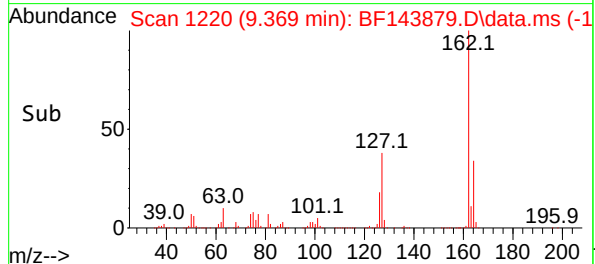
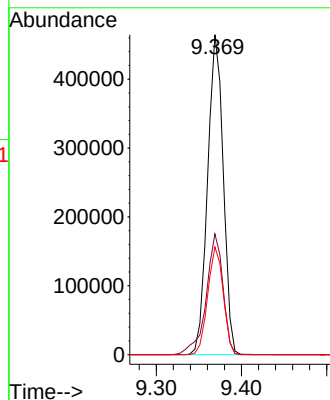
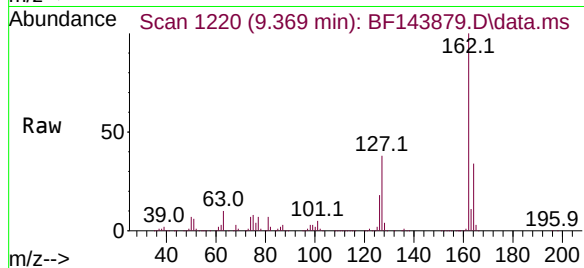
Tgt Ion:162 Resp: 591442

Ion Ratio Lower Upper

162 100

127 37.7 30.2 45.2

164 33.6 26.9 40.3



#48

2-Nitroaniline

Concen: 44.894 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

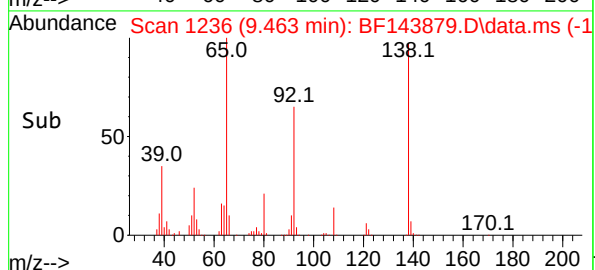
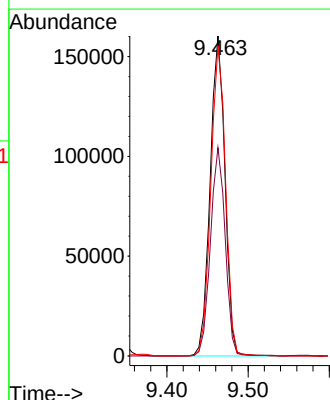
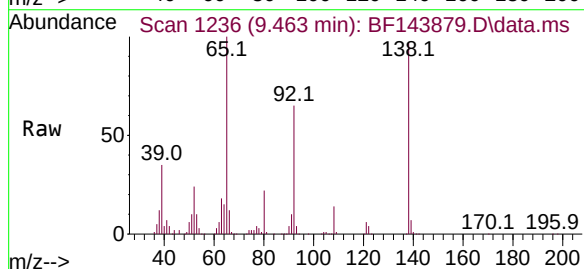
Tgt Ion: 65 Resp: 203733

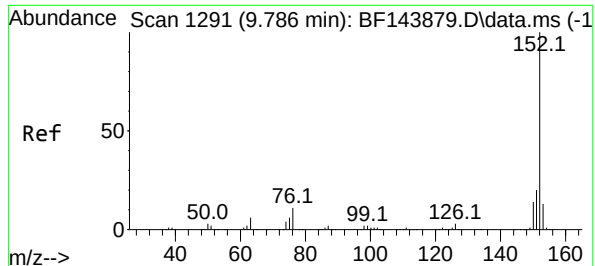
Ion Ratio Lower Upper

65 100

92 65.1 52.1 78.1

138 96.8 77.4 116.2





#49

Acenaphthylene

Concen: 41.828 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

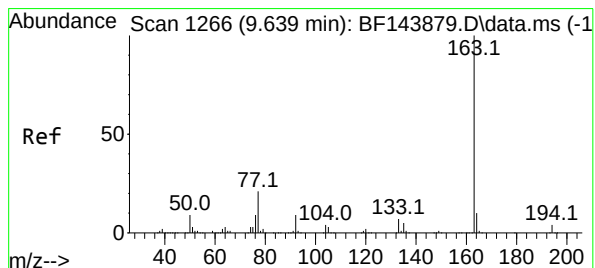
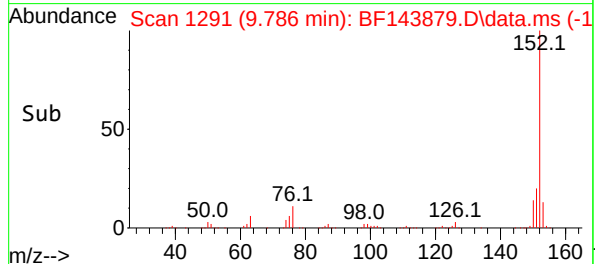
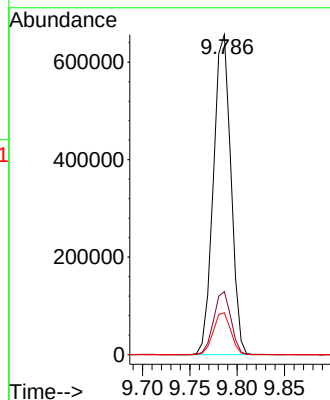
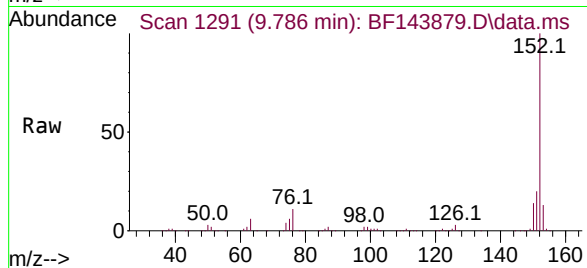
Tgt Ion:152 Resp: 844067

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 40.653 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

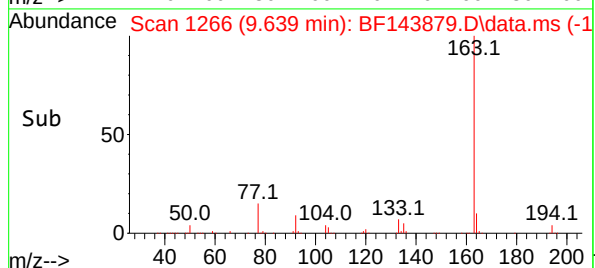
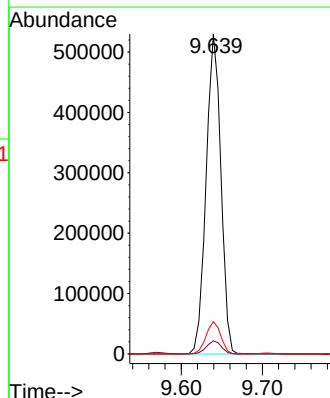
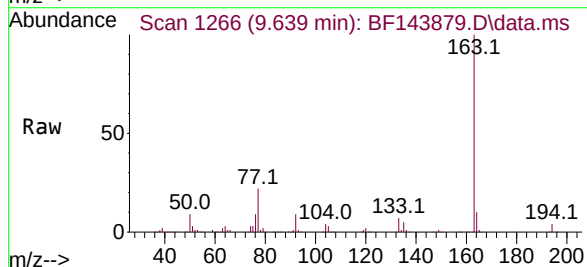
Tgt Ion:163 Resp: 671290

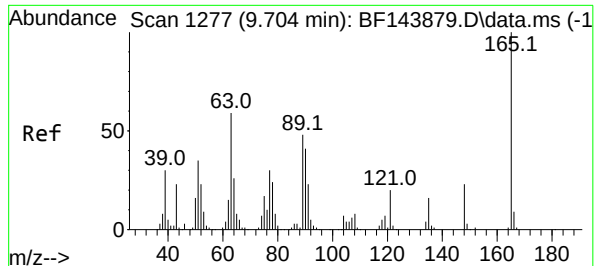
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.1 12.1

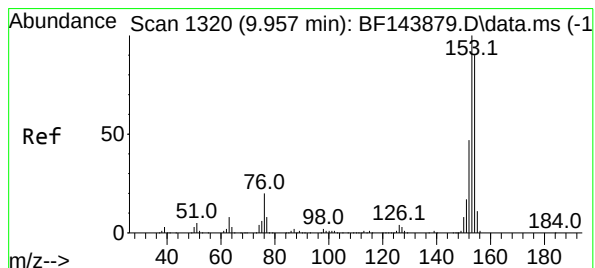
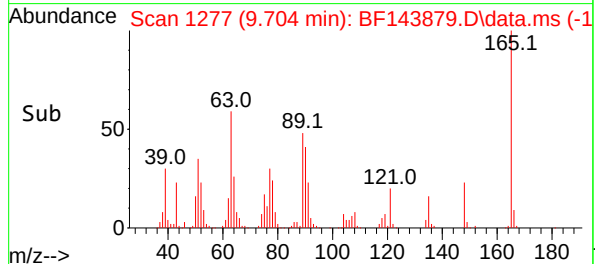
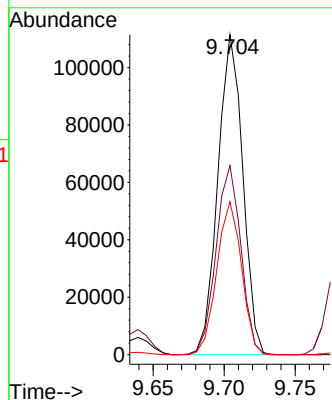
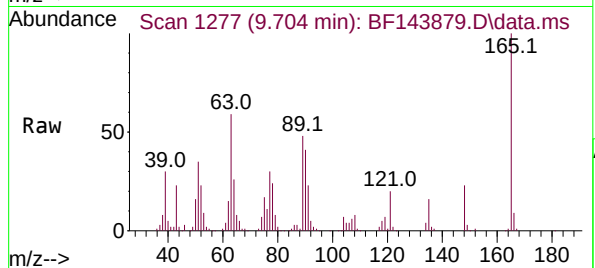




#51
2,6-Dinitrotoluene
Concen: 44.481 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

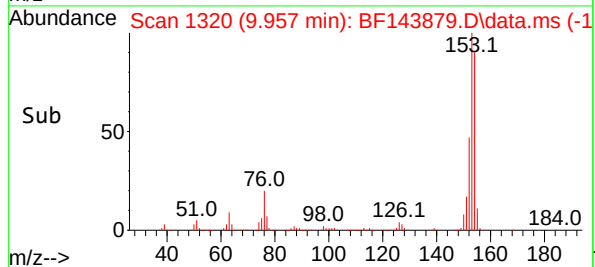
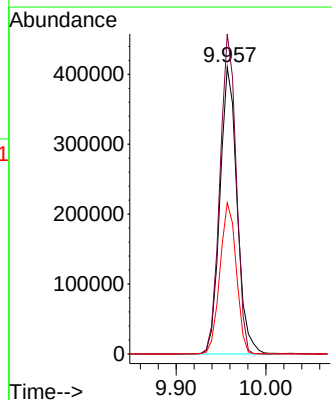
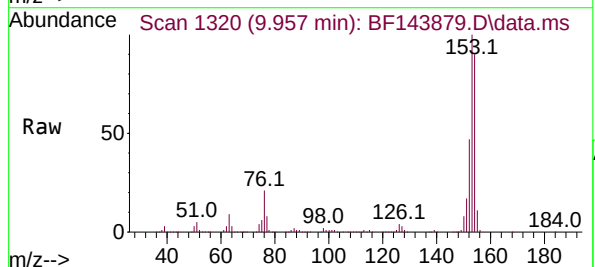
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

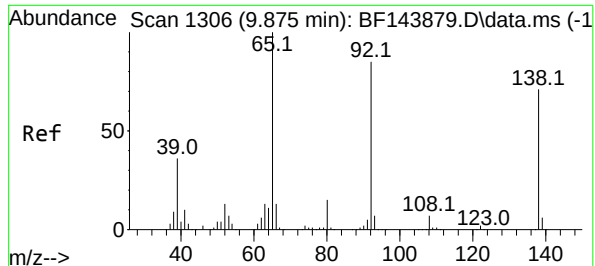
Tgt Ion:165 Resp: 136198
Ion Ratio Lower Upper
165 100
63 59.1 47.3 70.9
89 47.8 38.2 57.4



#52
Acenaphthene
Concen: 41.390 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:154 Resp: 547286
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 52.7 42.2 63.2

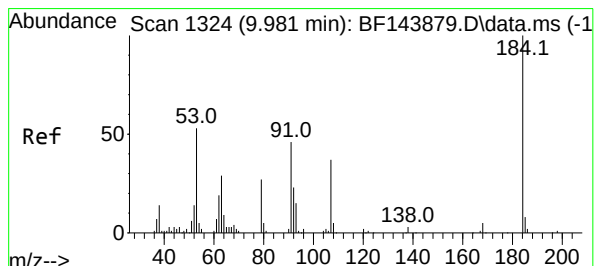
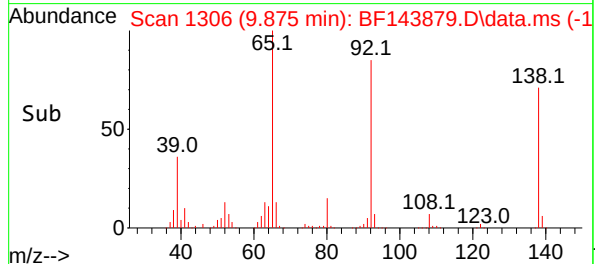
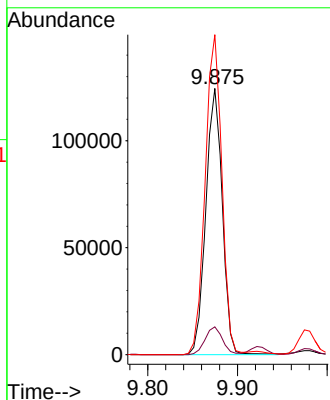
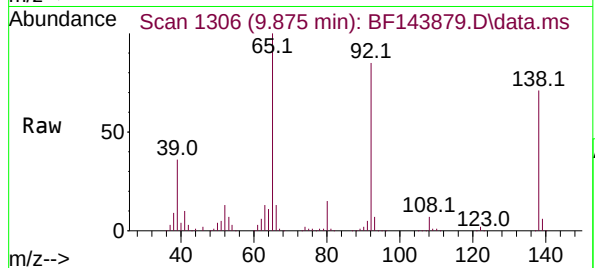




#53
3-Nitroaniline
Concen: 42.507 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

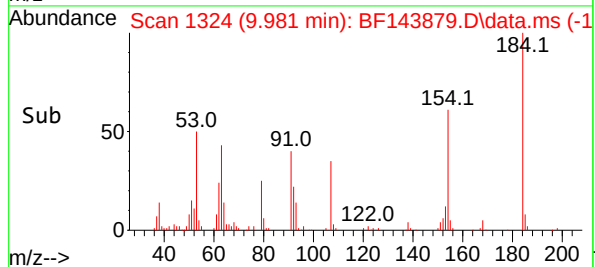
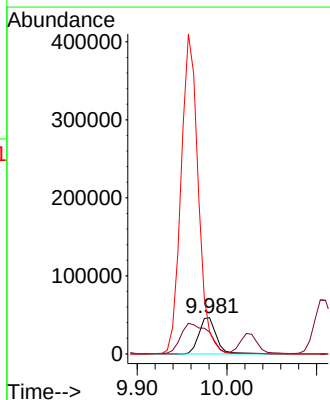
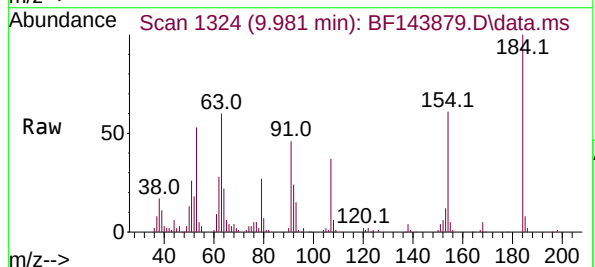
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

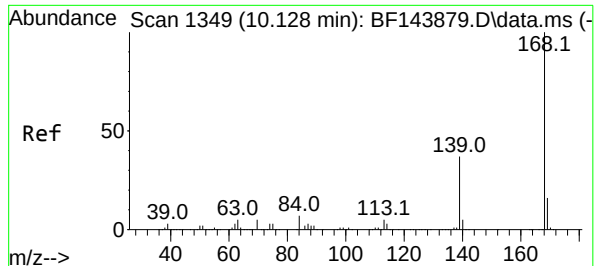
Tgt Ion:138 Resp: 159366
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 120.2 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 37.010 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:184 Resp: 62187
Ion Ratio Lower Upper
184 100
63 60.3 48.2 72.4
154 61.5 49.2 73.8





#55

Dibenzenofuran

Concen: 41.625 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

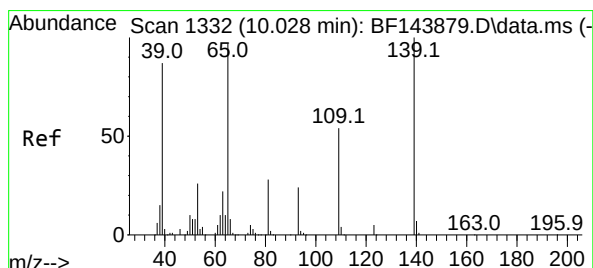
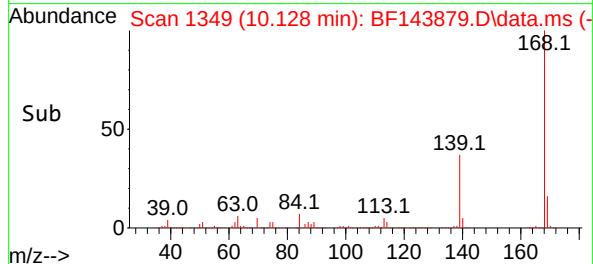
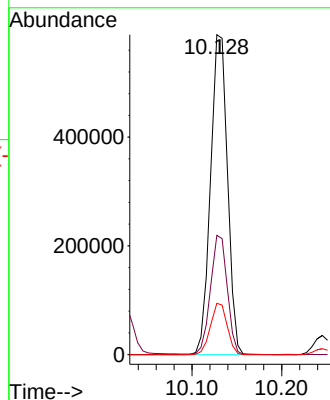
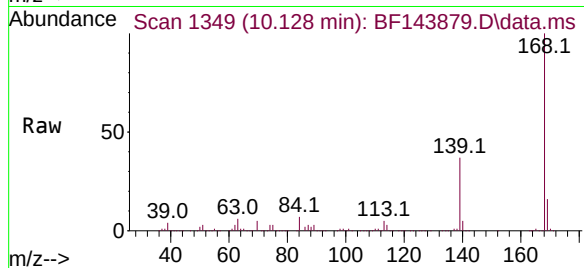
Tgt Ion:168 Resp: 776950

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

169 16.0 12.8 19.2



#56

4-Nitrophenol

Concen: 42.807 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.011 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

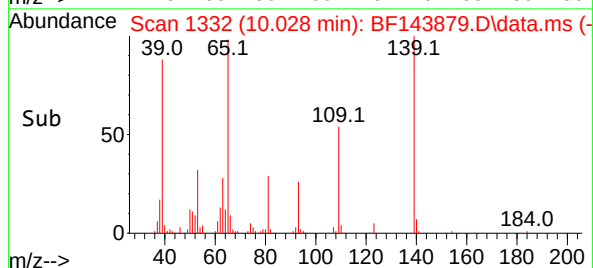
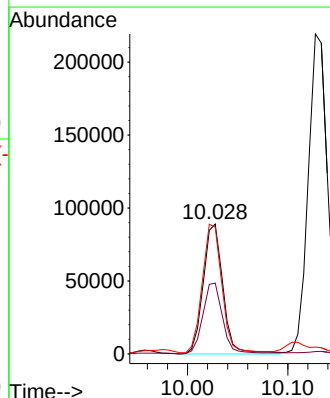
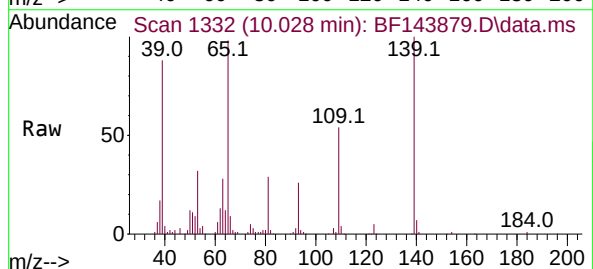
Tgt Ion:139 Resp: 121519

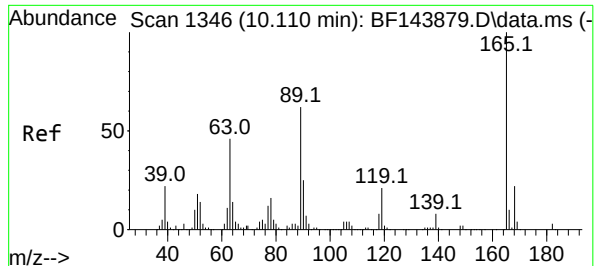
Ion Ratio Lower Upper

139 100

109 54.5 34.5 74.5

65 97.6 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 45.597 ng

RT: 10.110 min Scan# 1346

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:165 Resp: 189965

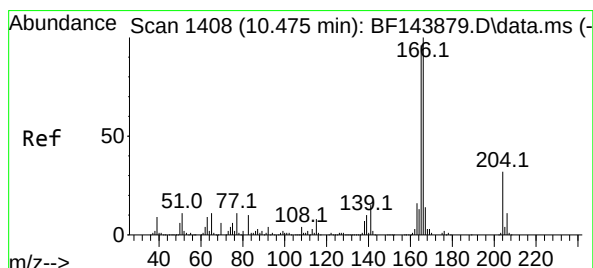
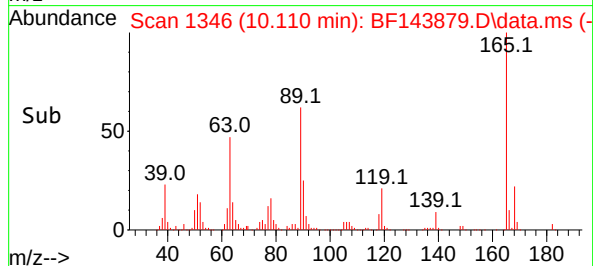
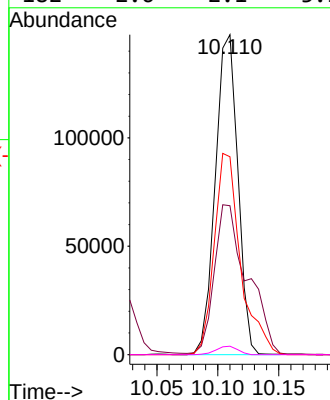
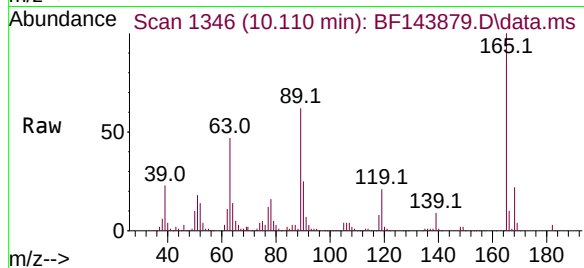
Ion Ratio Lower Upper

165 100

63 46.5 37.2 55.8

89 61.8 49.4 74.2

182 2.6 2.1 3.1



#58

Fluorene

Concen: 40.506 ng

RT: 10.475 min Scan# 1408

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

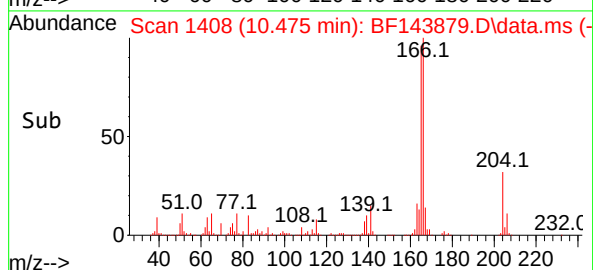
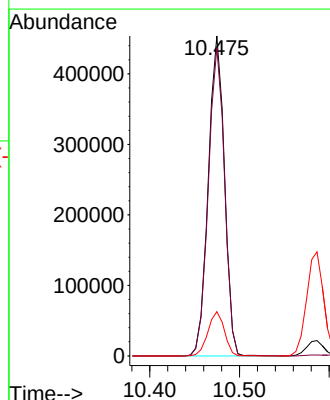
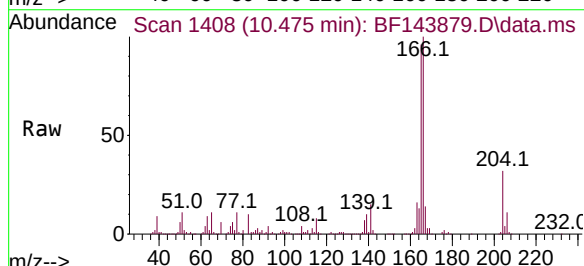
Tgt Ion:166 Resp: 570508

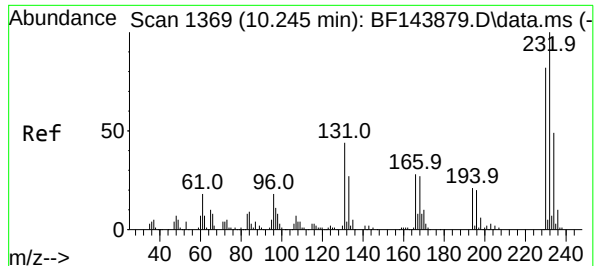
Ion Ratio Lower Upper

166 100

165 96.3 77.0 115.6

167 13.9 11.1 16.7

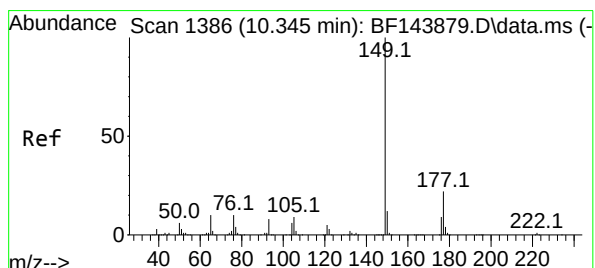
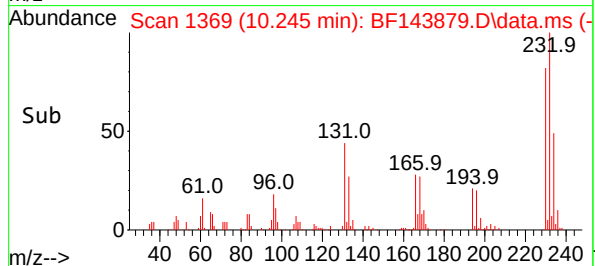
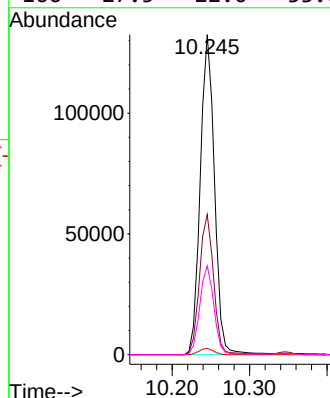
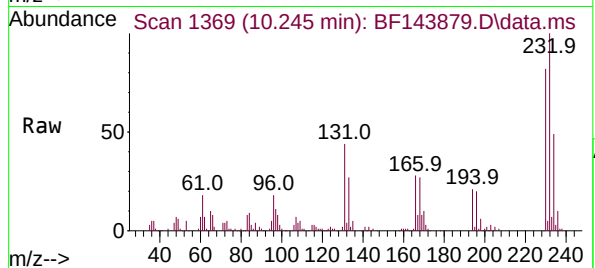




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.006 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

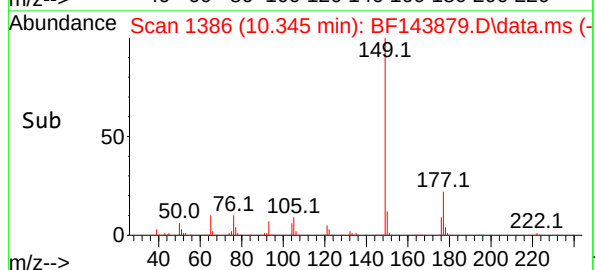
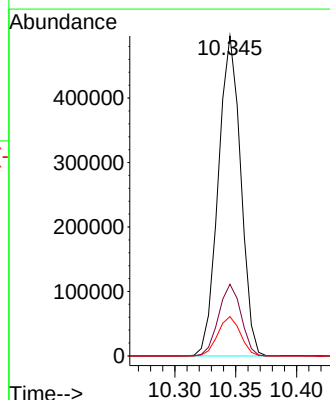
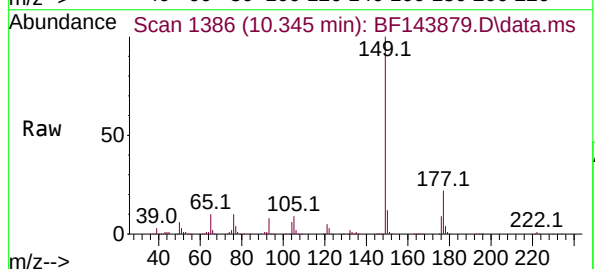
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

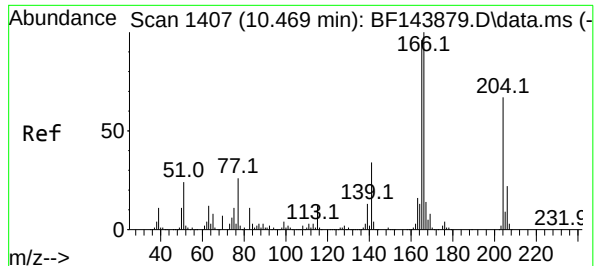
Tgt Ion:232 Resp: 168932
Ion Ratio Lower Upper
232 100
131 43.6 34.9 52.3
130 2.0 1.6 2.4
166 27.5 22.0 33.0



#60
Diethylphthalate
Concen: 41.422 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:149 Resp: 635433
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.3 9.8 14.8

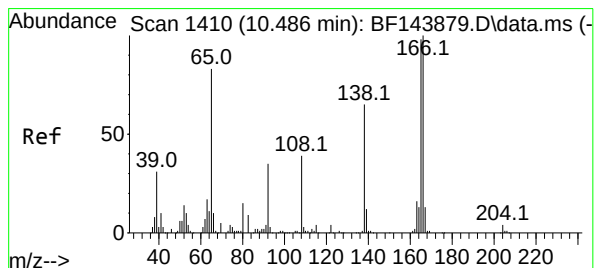
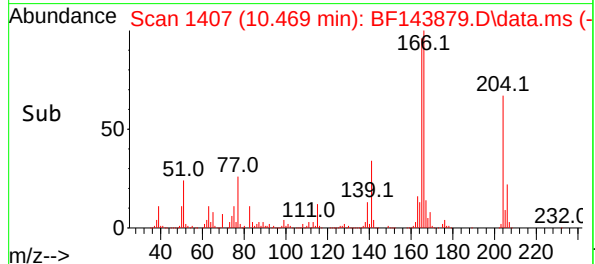
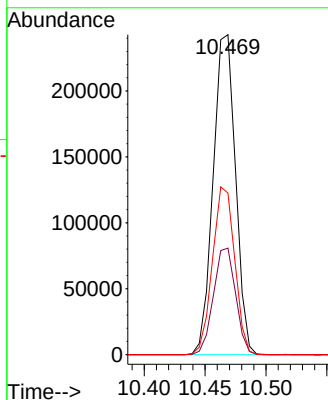
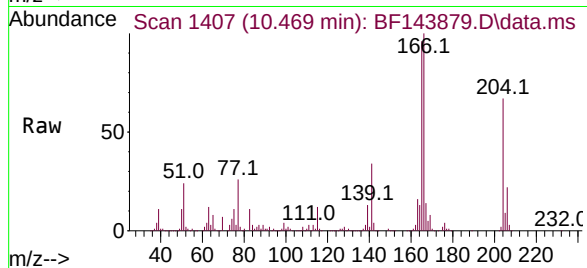




#61
4-Chlorophenyl-phenylether
Concen: 41.632 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

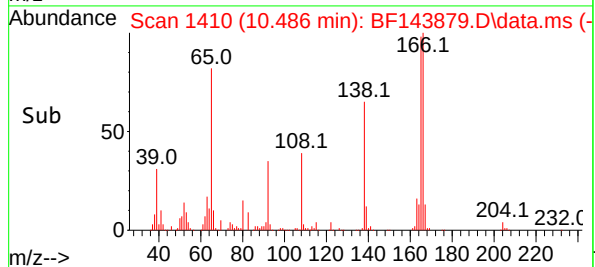
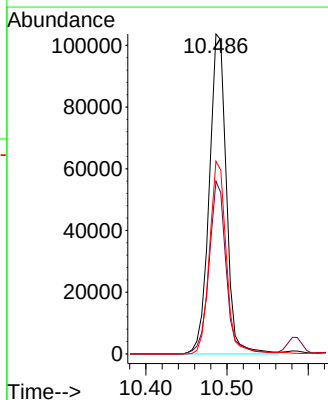
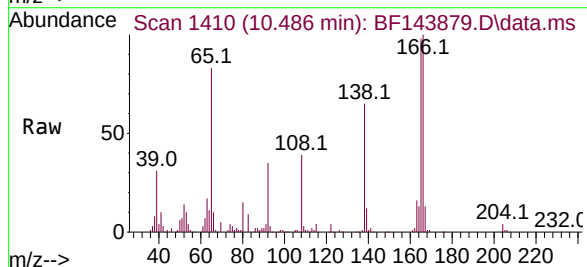
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

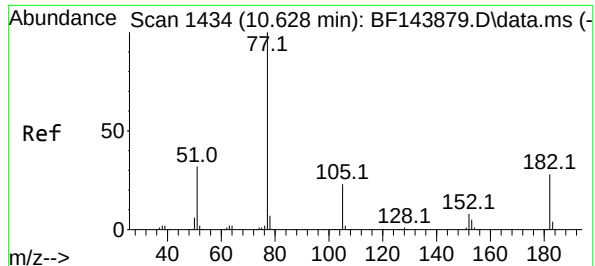
Tgt Ion:204 Resp: 310008
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 50.5 40.4 60.6



#62
4-Nitroaniline
Concen: 42.123 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:138 Resp: 151866
Ion Ratio Lower Upper
138 100
92 53.9 33.9 73.9
108 60.2 40.2 80.2

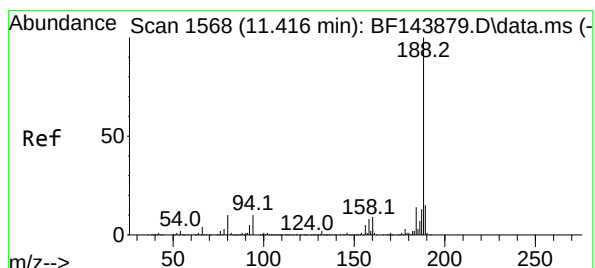
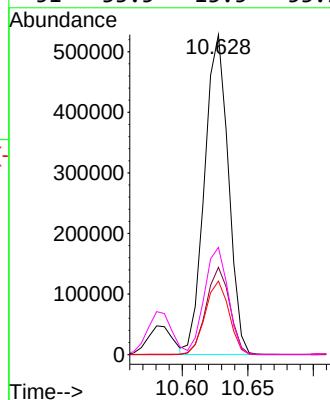
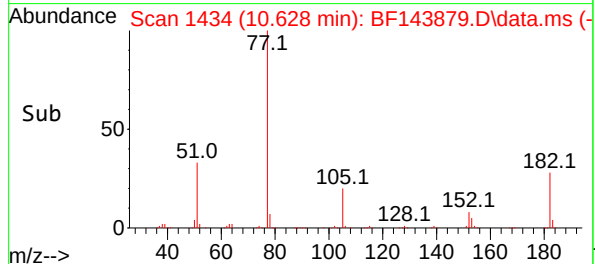
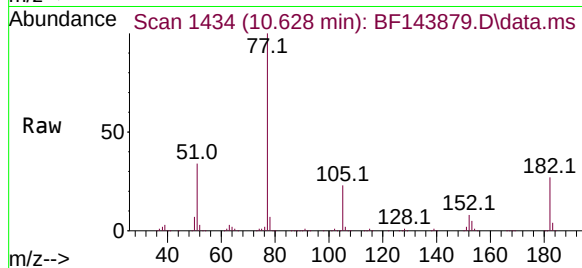




#63
Azobenzene
Concen: 41.521 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

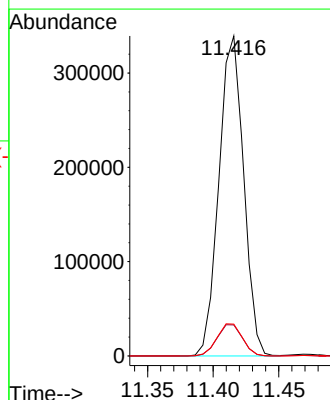
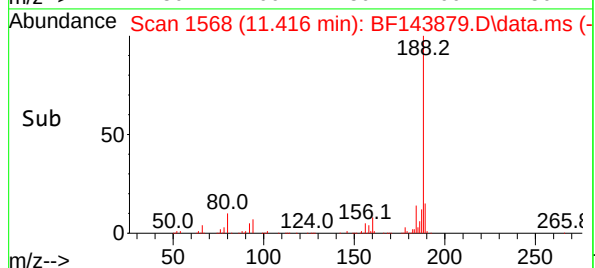
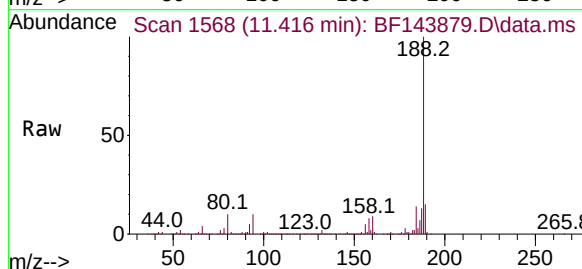
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

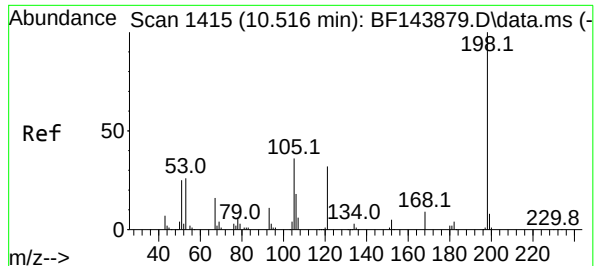
Tgt Ion: 77	Resp: 665698
Ion Ratio	Lower Upper
77 100	
182 27.3	7.3 47.3
105 23.0	3.0 43.0
51 33.5	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion: 188	Resp: 444949
Ion Ratio	Lower Upper
188 100	
94 9.7	7.8 11.6
80 9.9	7.9 11.9

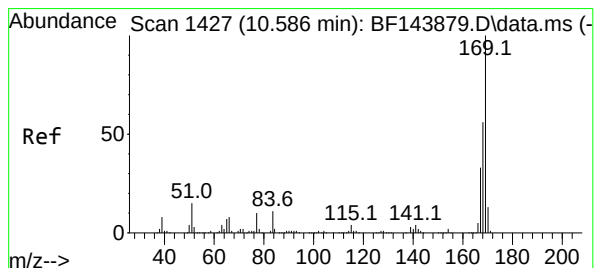
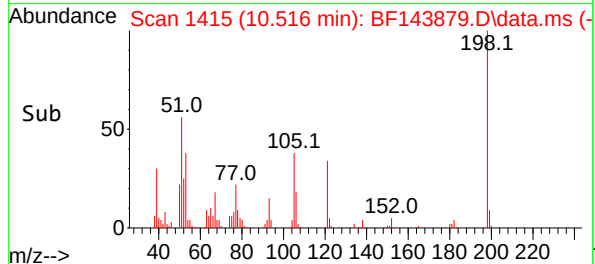
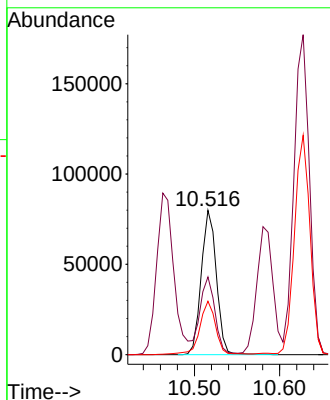
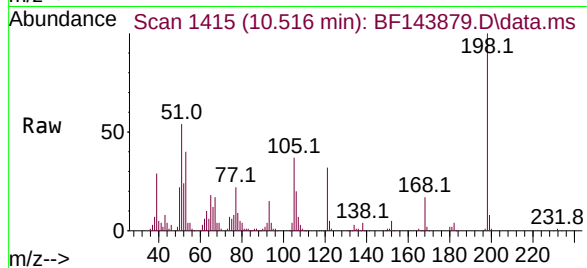




#65
4,6-Dinitro-2-methylphenol
Concen: 44.075 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

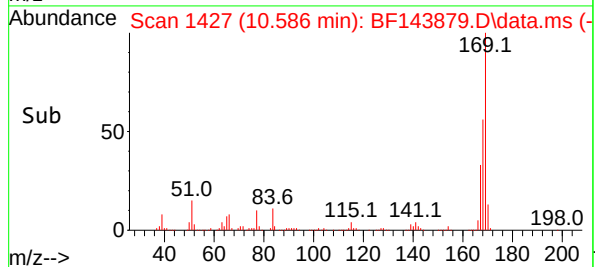
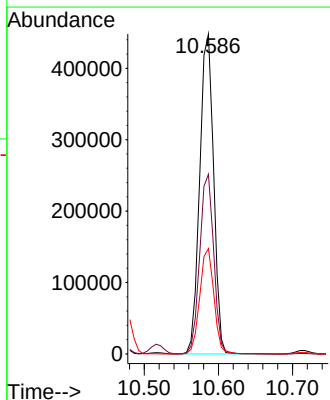
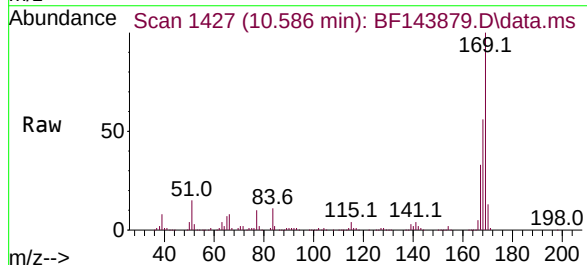
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

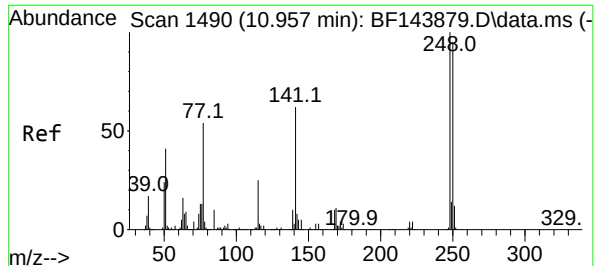
Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.8	33.8	73.8
105	37.0	17.0	57.0



#66
n-Nitrosodiphenylamine
Concen: 41.773 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	56.1	44.9	67.3
167	32.9	26.3	39.5

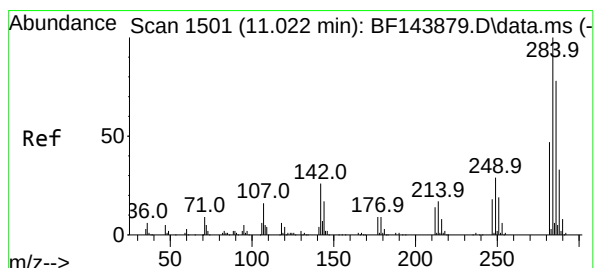
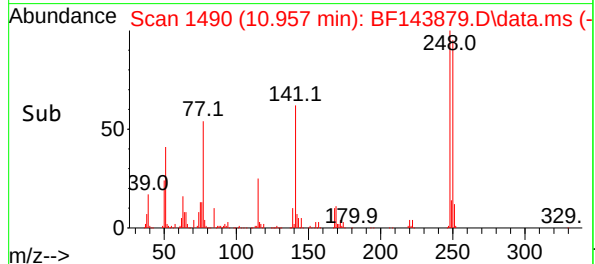
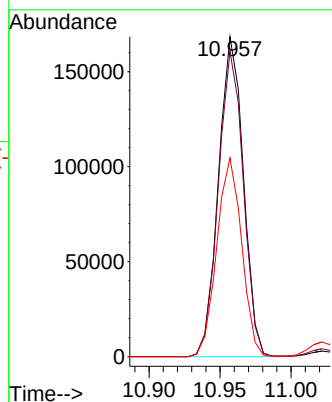
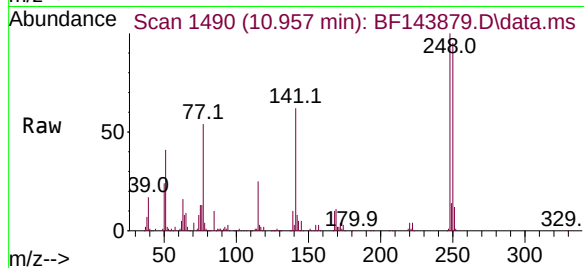




#67
4-Bromophenyl-phenylether
Concen: 41.803 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

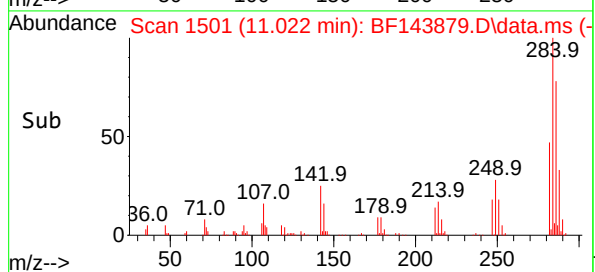
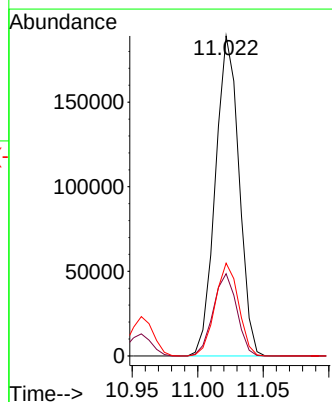
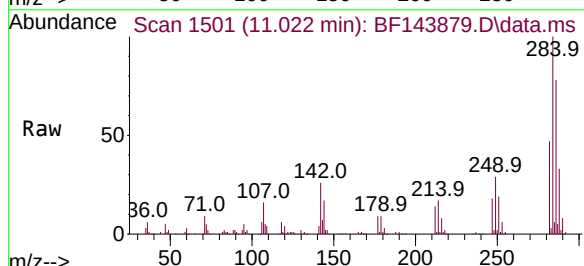
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

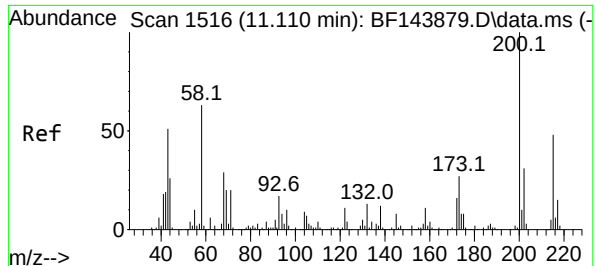
Tgt Ion:248 Resp: 205559
Ion Ratio Lower Upper
248 100
250 95.4 76.3 114.5
141 62.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 41.695 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:284 Resp: 237363
Ion Ratio Lower Upper
284 100
142 25.7 20.6 30.8
249 29.0 23.2 34.8





#69

Atrazine

Concen: 40.905 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

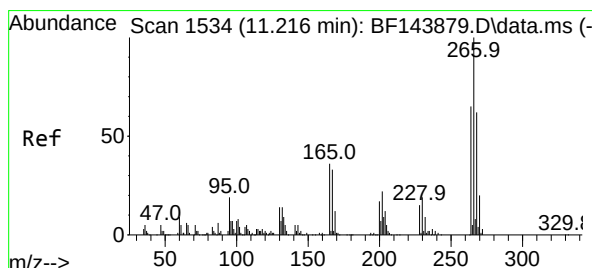
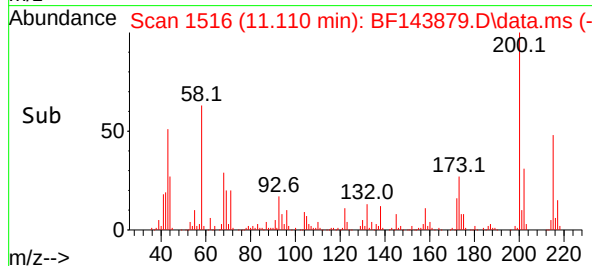
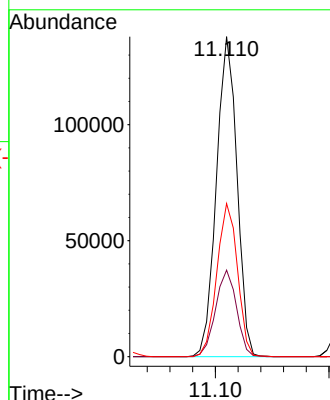
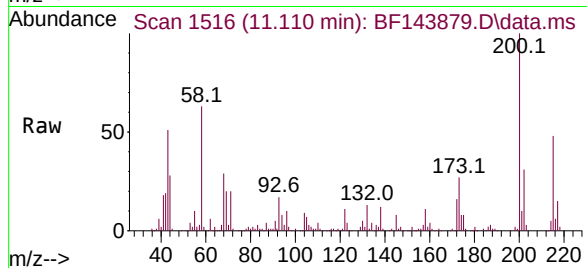
Tgt Ion:200 Resp: 173212

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 47.8 27.8 67.8



#70

Pentachlorophenol

Concen: 42.862 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

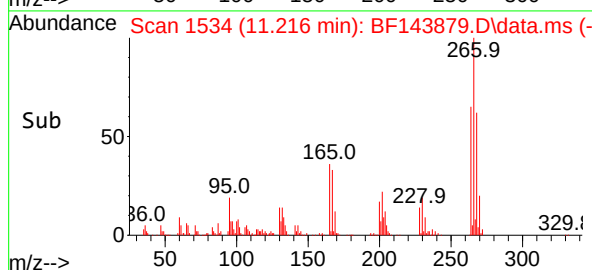
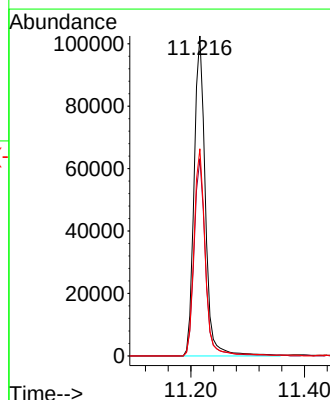
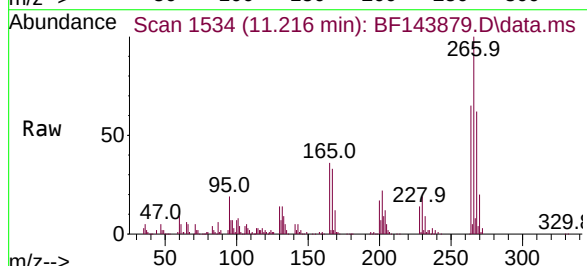
Tgt Ion:266 Resp: 140140

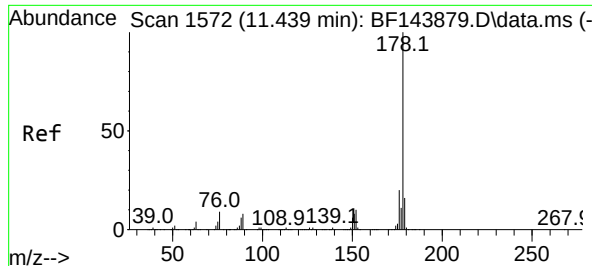
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

264 64.7 51.8 77.6

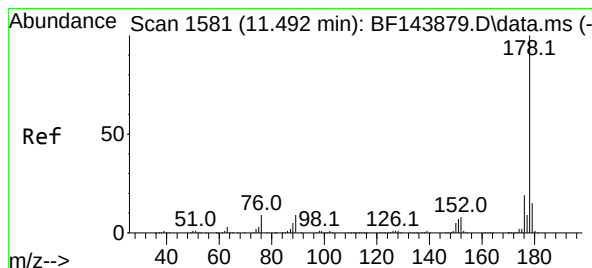
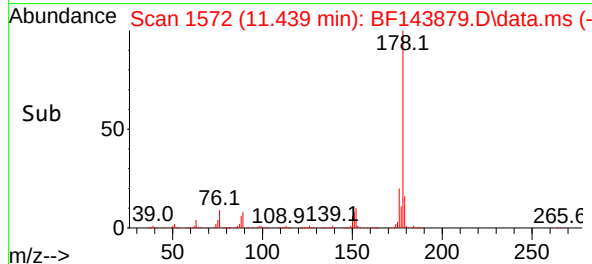
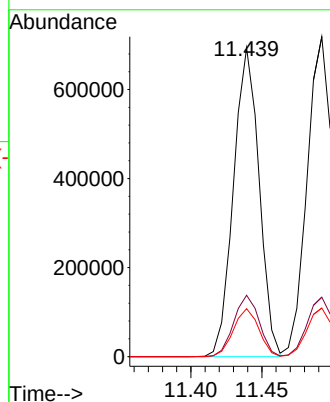
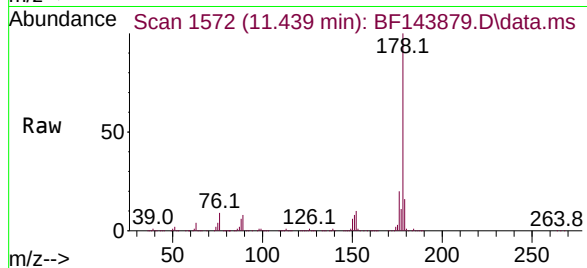




#71
Phenanthrene
Concen: 40.266 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

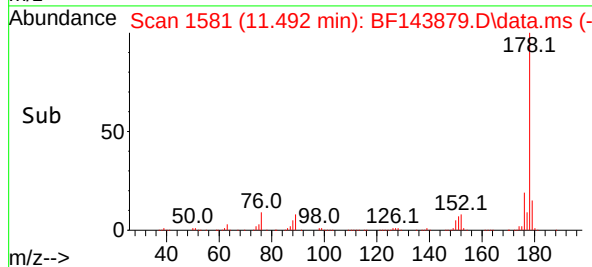
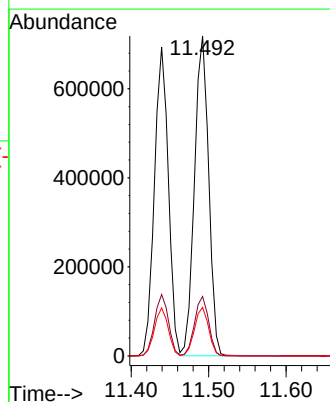
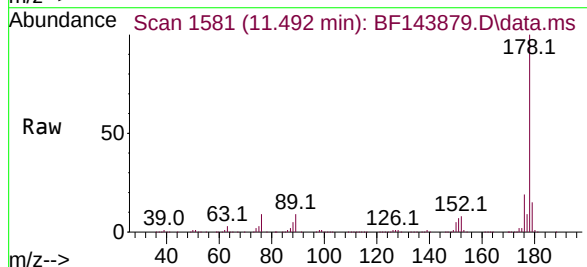
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

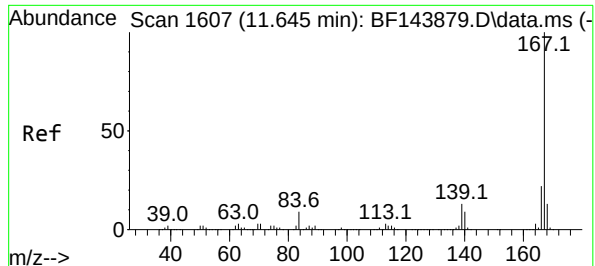
Tgt Ion:178 Resp: 868592
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 41.850 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:178 Resp: 912011
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.2 12.2 18.2





#73

Carbazole

Concen: 40.765 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

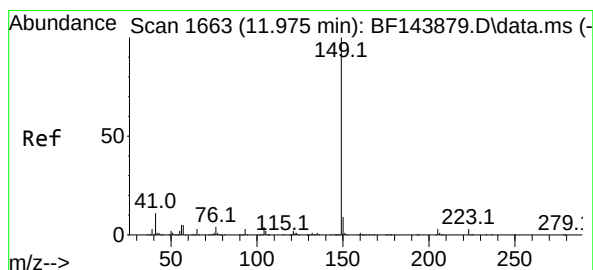
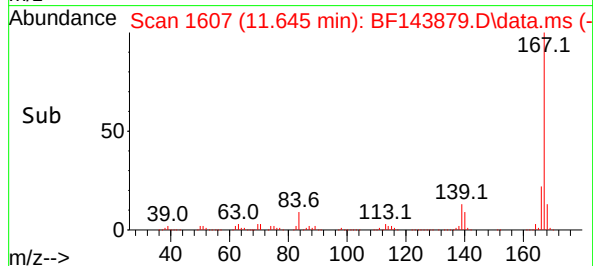
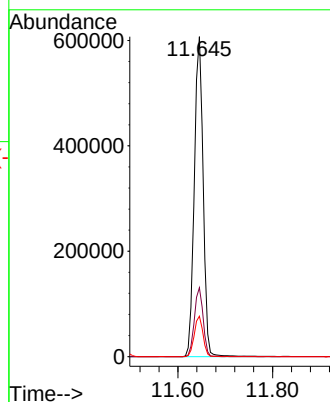
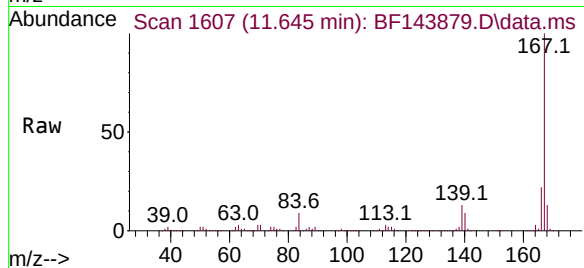
Tgt Ion:167 Resp: 786783

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 12.6 10.1 15.1



#74

Di-n-butylphthalate

Concen: 41.884 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

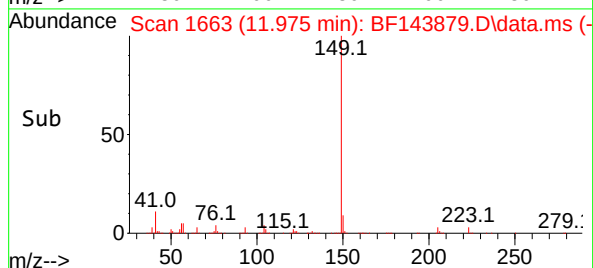
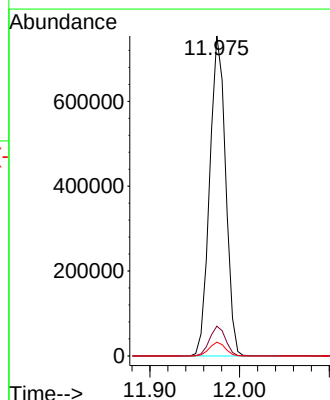
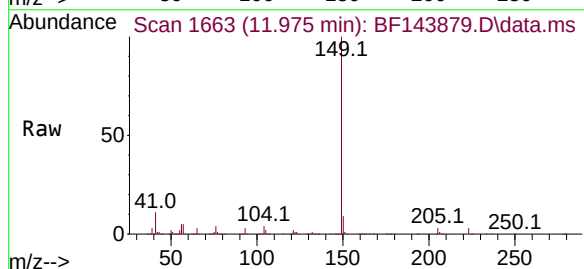
Tgt Ion:149 Resp: 936899

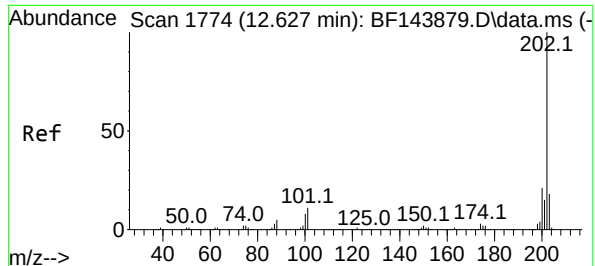
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

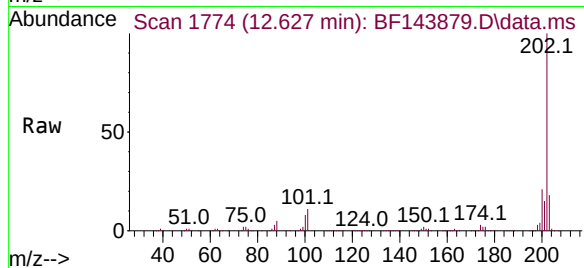
104 4.3 3.4 5.2



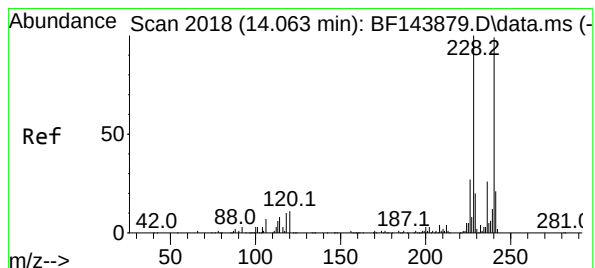
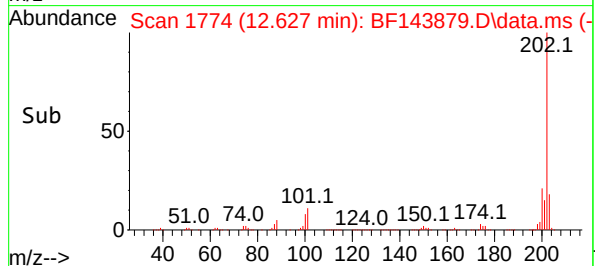
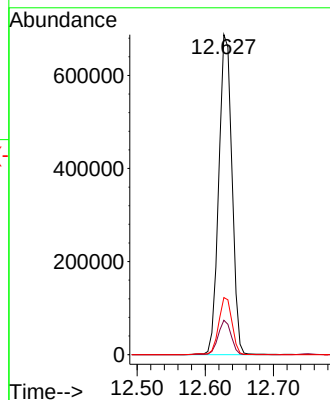


#75
Fluoranthene
Concen: 41.223 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

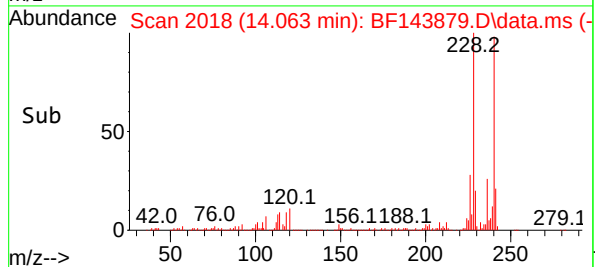
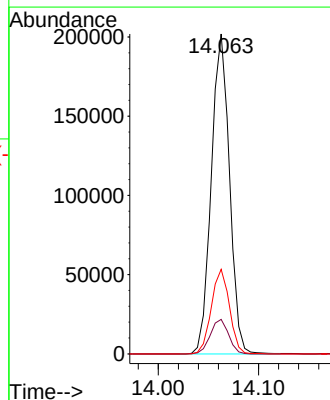
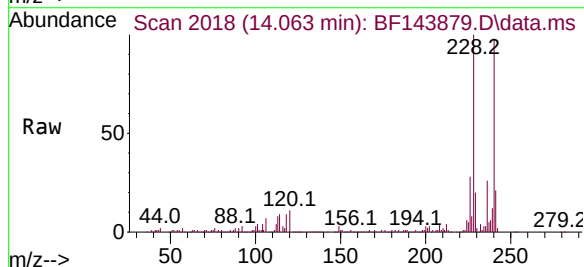


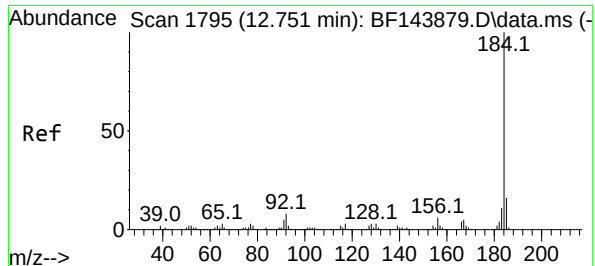
Tgt Ion:202 Resp: 918503
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:240 Resp: 254576
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.4 21.1 31.7





#77

Benzidine

Concen: 43.833 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

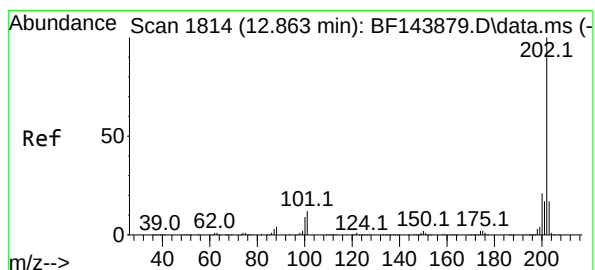
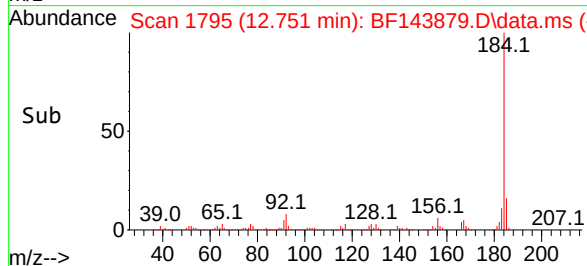
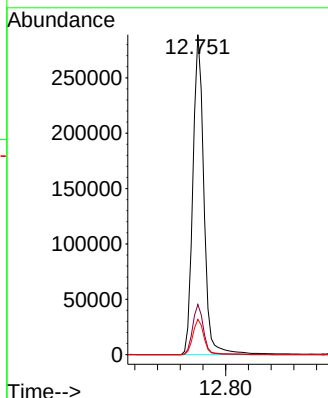
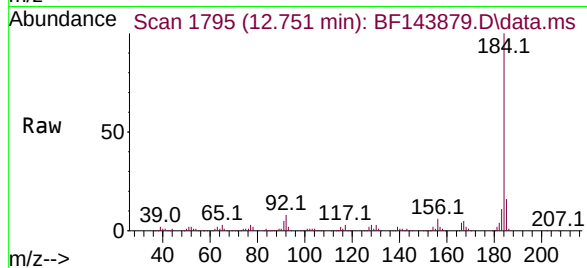
Tgt Ion:184 Resp: 387464

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

183 11.0 8.8 13.2



#78

Pyrene

Concen: 44.692 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

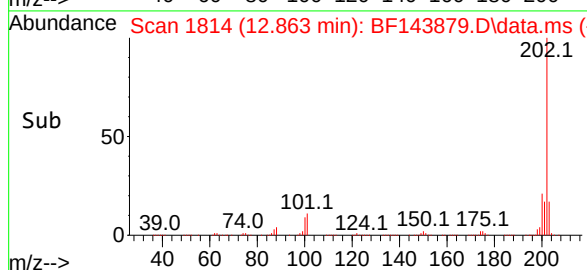
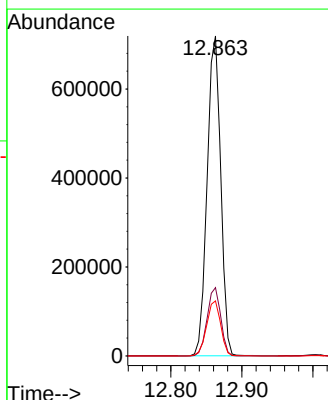
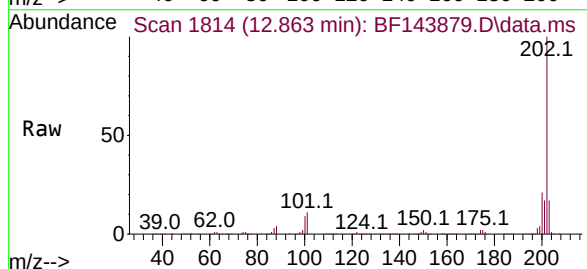
Tgt Ion:202 Resp: 948521

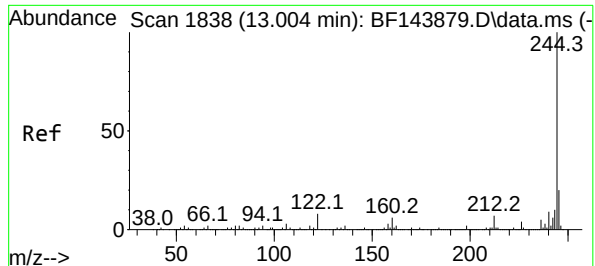
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 87.451 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

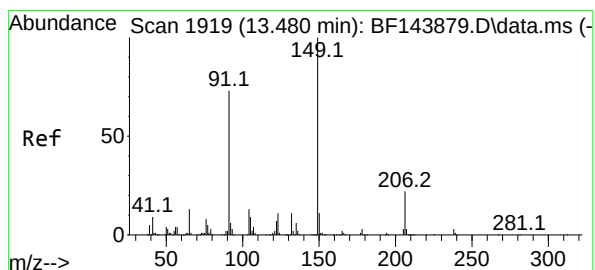
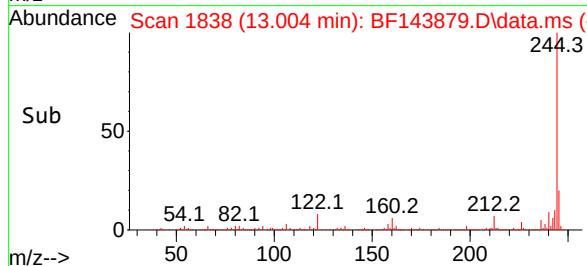
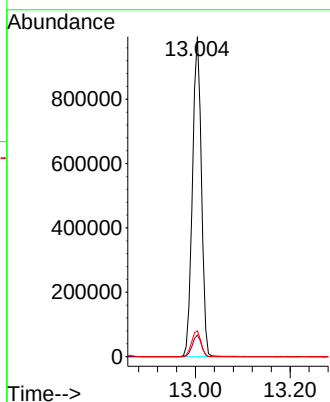
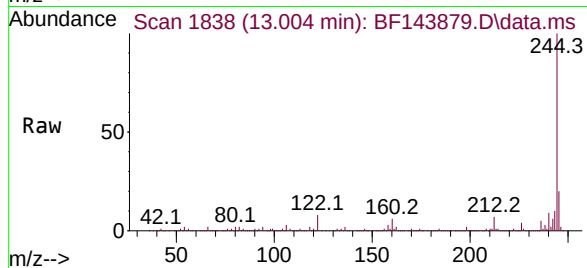
Tgt Ion:244 Resp: 1302632

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 8.0 6.4 9.6



#80

Butylbenzylphthalate

Concen: 45.804 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

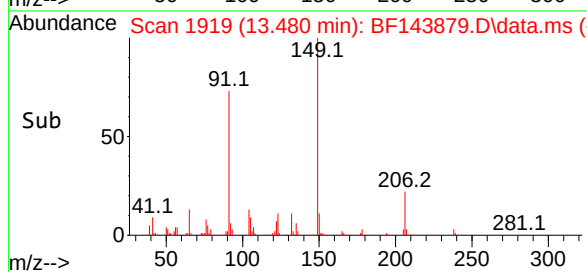
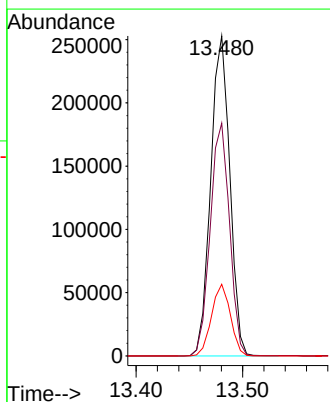
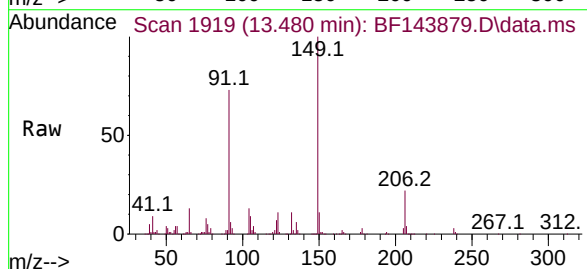
Tgt Ion:149 Resp: 315716

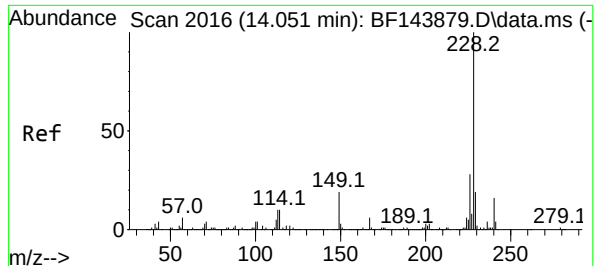
Ion Ratio Lower Upper

149 100

91 72.7 58.2 87.2

206 22.4 17.9 26.9





#81

Benzo(a)anthracene

Concen: 42.715 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

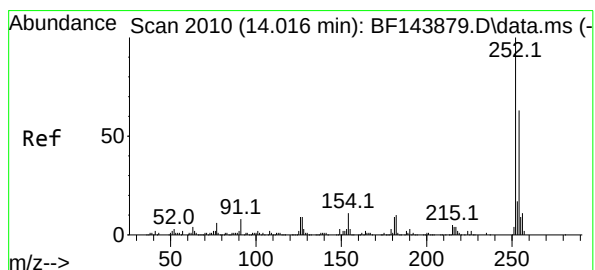
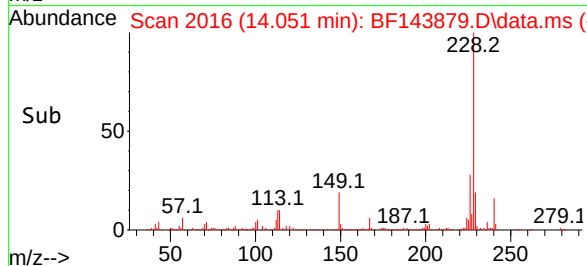
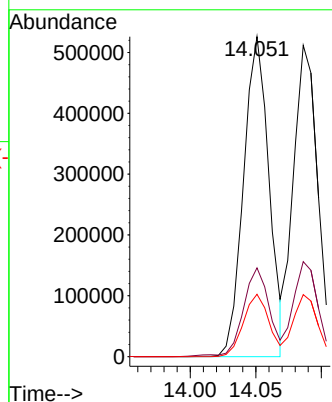
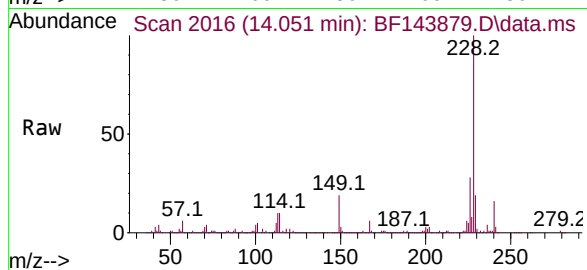
Tgt Ion:228 Resp: 711609

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 44.135 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

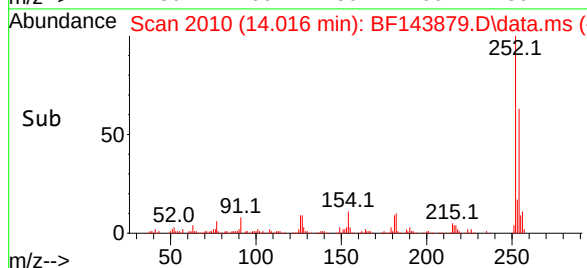
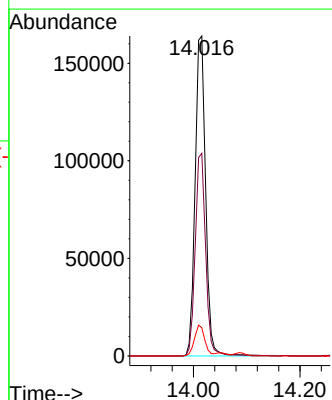
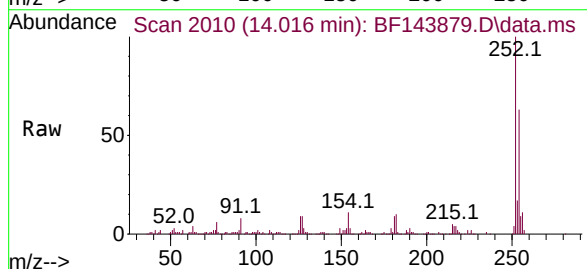
Tgt Ion:252 Resp: 224071

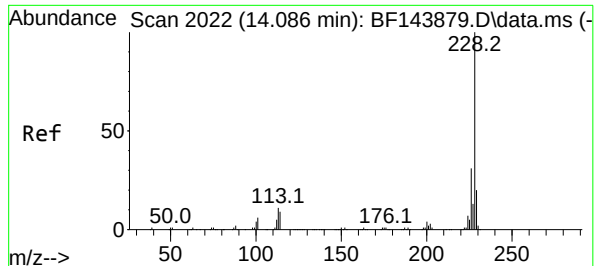
Ion Ratio Lower Upper

252 100

254 63.3 50.6 76.0

126 8.8 7.0 10.6





#83

Chrysene

Concen: 42.717 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

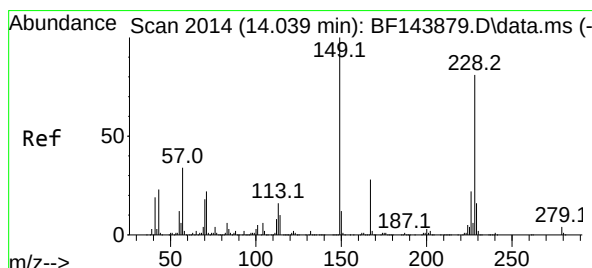
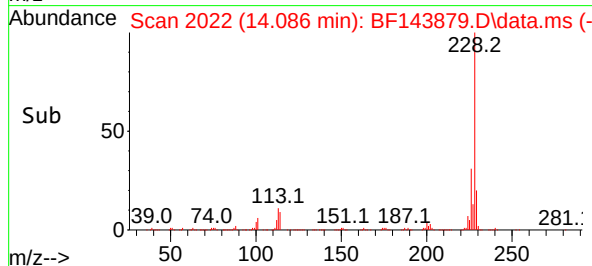
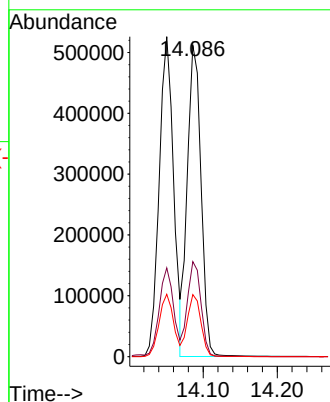
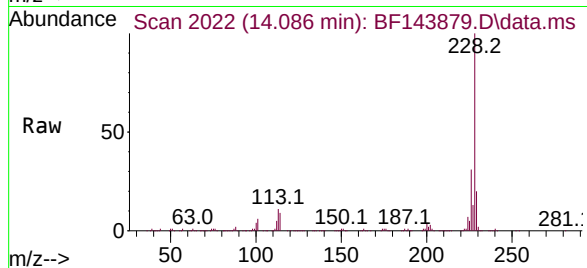
Tgt Ion:228 Resp: 658639

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.286 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

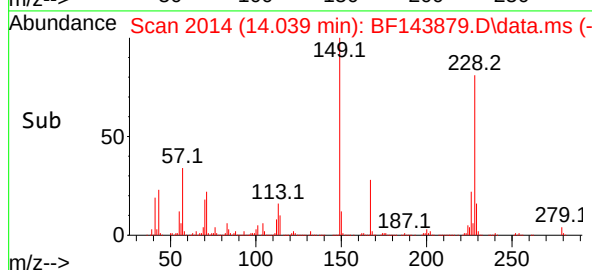
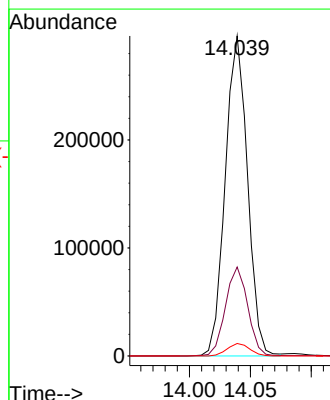
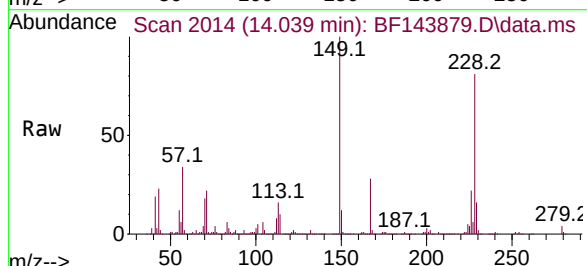
Tgt Ion:149 Resp: 376273

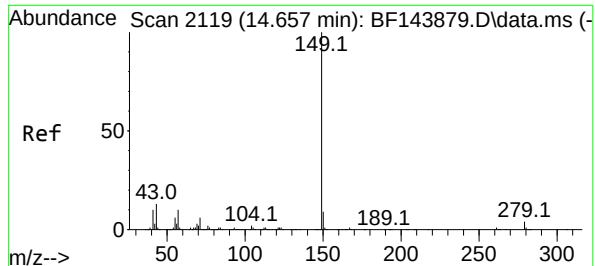
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 3.9 3.1 4.7

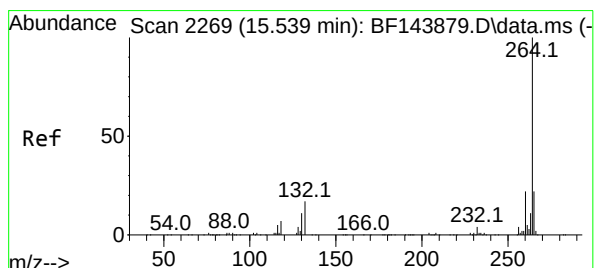
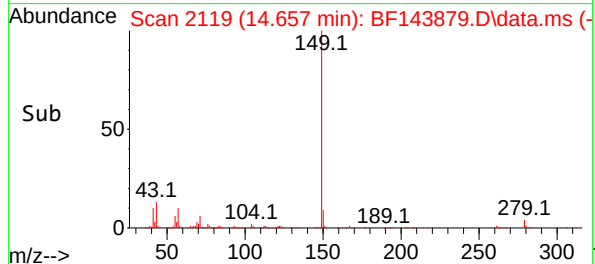
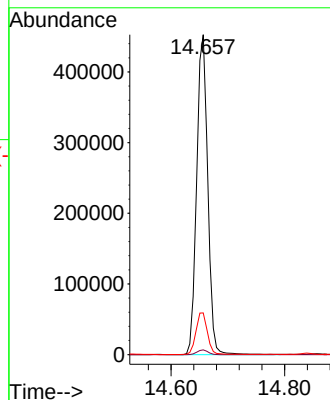
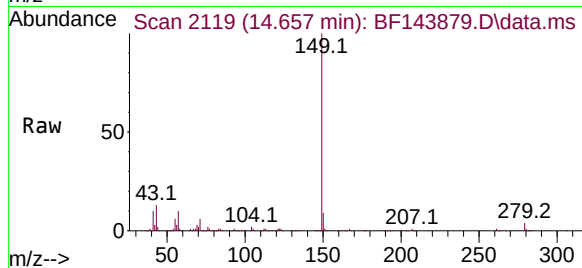




#85
Di-n-octyl phthalate
Concen: 44.561 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

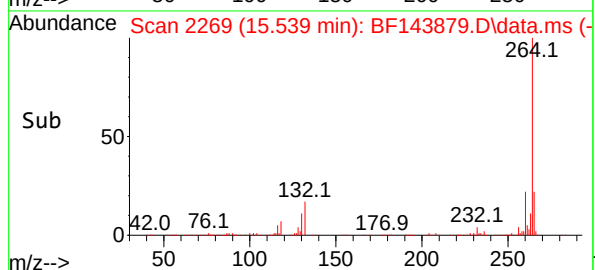
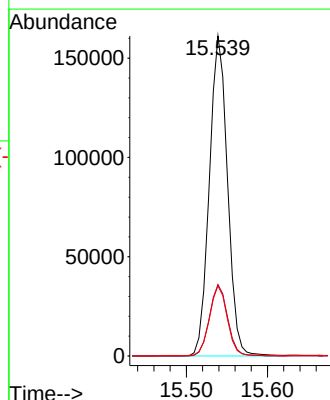
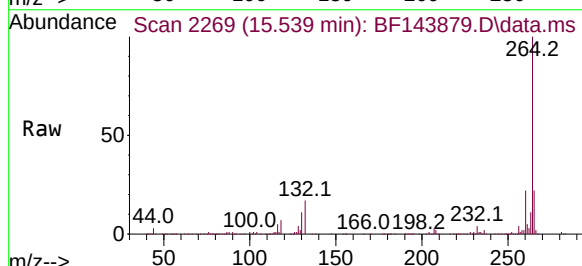
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

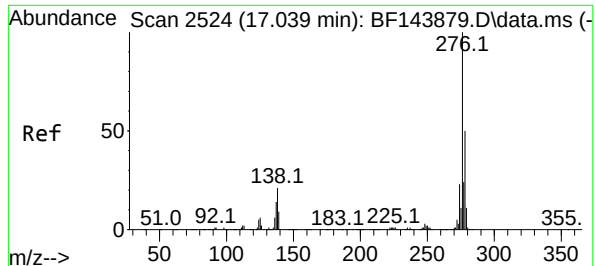
Tgt Ion:149 Resp: 608123
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.7 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:264 Resp: 250969
Ion Ratio Lower Upper
264 100
260 22.3 17.8 26.8
265 21.9 17.5 26.3

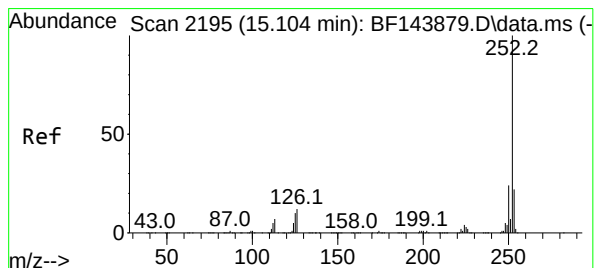
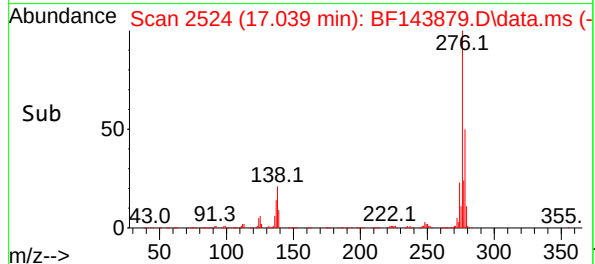
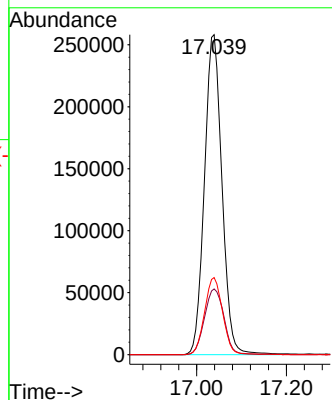
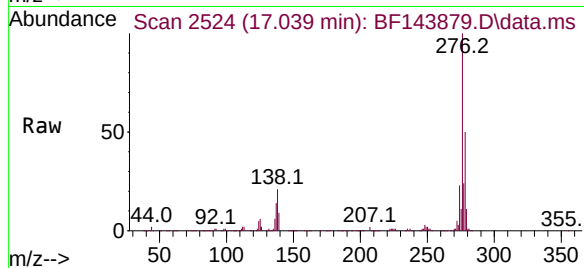




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.470 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

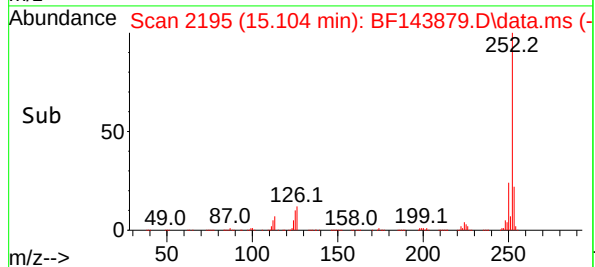
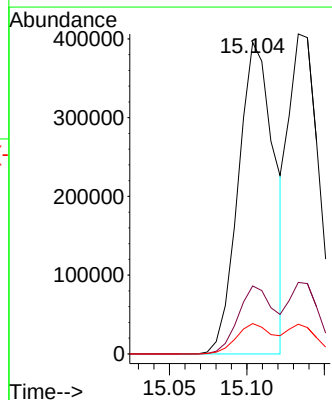
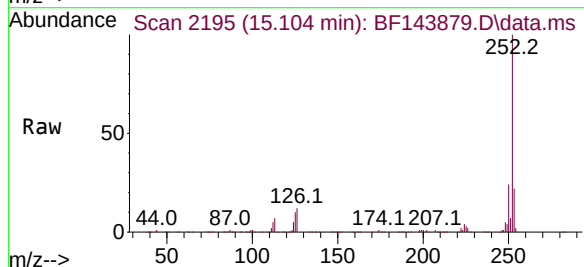
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

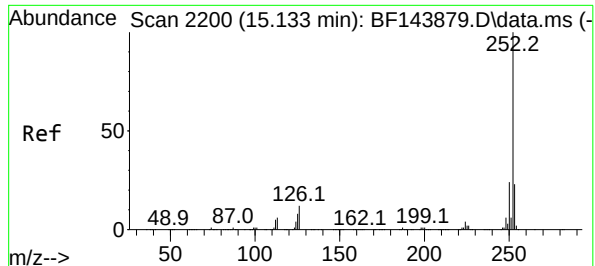
Tgt Ion:276 Resp: 699234
Ion Ratio Lower Upper
276 100
138 22.7 18.2 27.2
277 24.7 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.178 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:252 Resp: 636888
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 9.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 41.688 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

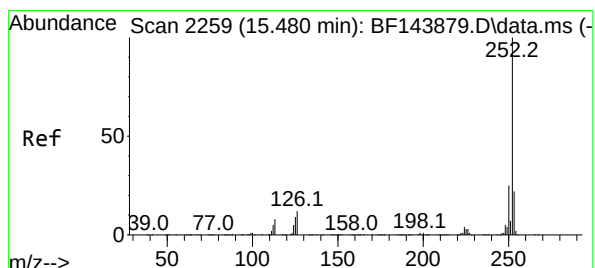
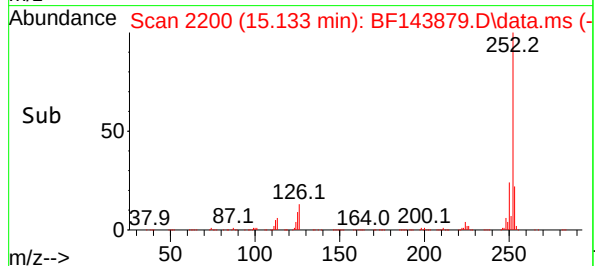
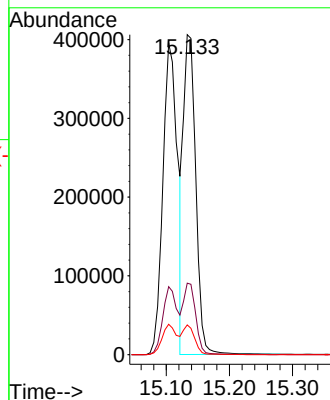
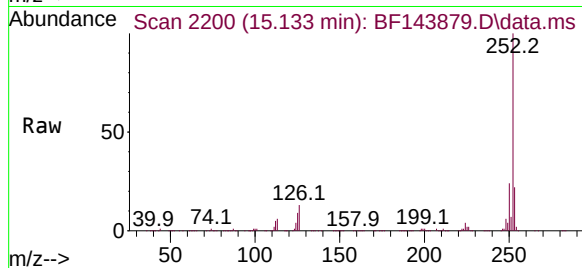
Tgt Ion:252 Resp: 556111

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 9.3 7.4 11.2



#90

Benzo(a)pyrene

Concen: 44.246 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54

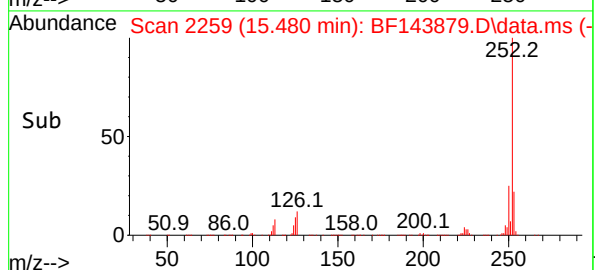
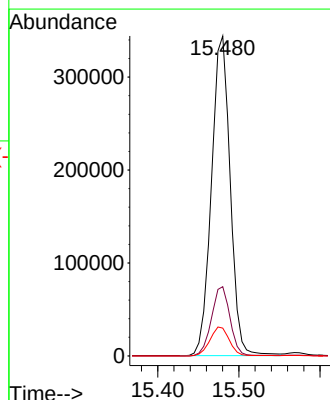
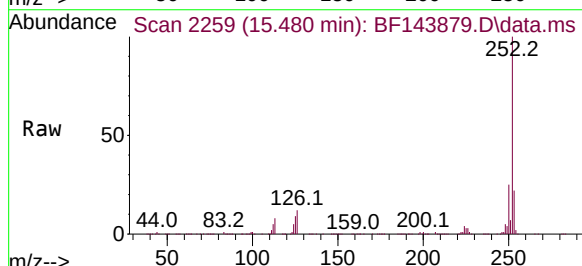
Tgt Ion:252 Resp: 553098

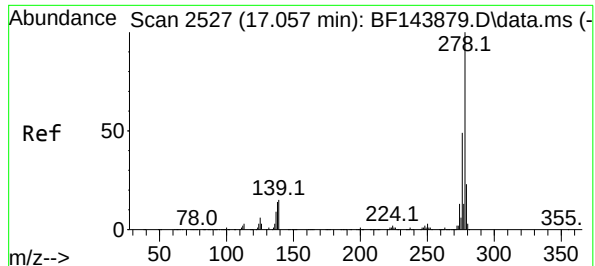
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 8.7 7.0 10.4

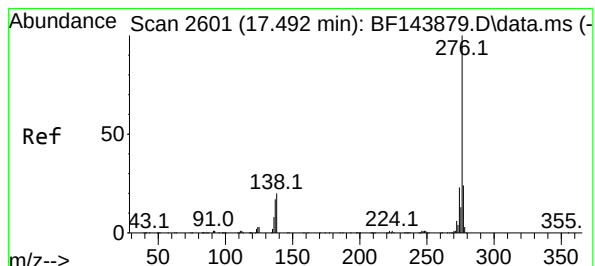
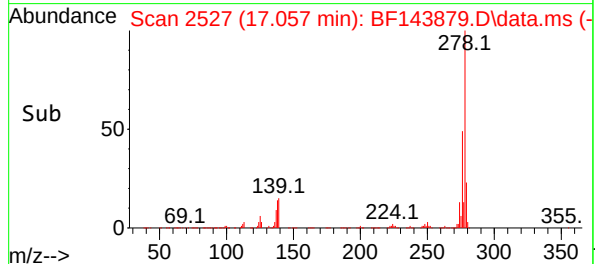
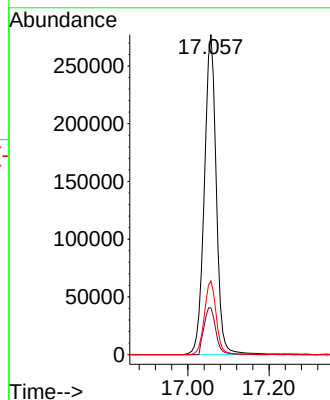
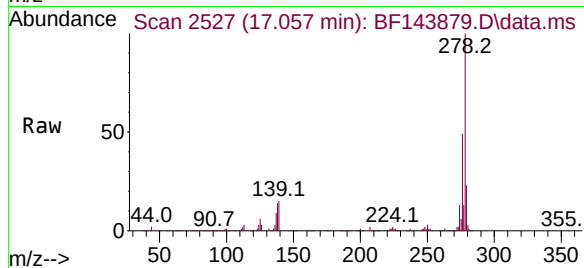




#91
Dibenzo(a,h)anthracene
Concen: 45.774 ng
RT: 17.057 min Scan# 2527
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

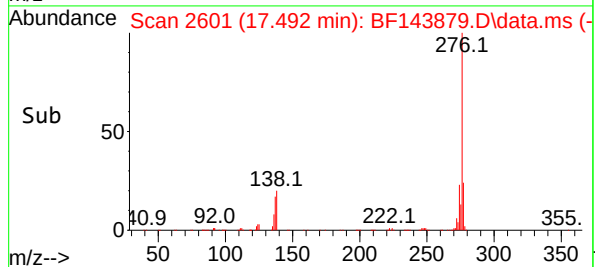
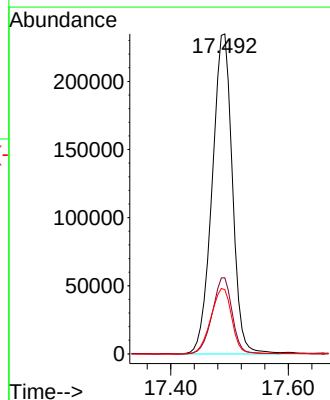
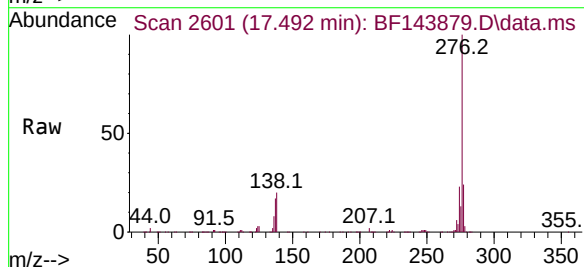
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 566134
Ion Ratio Lower Upper
278 100
139 14.6 11.7 17.5
279 23.0 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 45.340 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Tgt Ion:276 Resp: 560761
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 20.1 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143880.D
 Acq On : 06 Oct 2025 13:23
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 06 15:38:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	182011	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	710843	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	393762	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	674807	20.000	ng	0.00
76) Chrysene-d12	14.068	240	390779	20.000	ng	0.00
86) Perylene-d12	15.545	264	426414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1067519	93.138	ng	0.00
7) Phenol-d6	6.510	99	1277645	93.519	ng	0.00
23) Nitrobenzene-d5	7.451	82	1148649	98.174	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	390657	99.608	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1936883	78.050	ng	0.00
79) Terphenyl-d14	13.010	244	2083463	91.121	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	247738	46.709	ng	99
3) Pyridine	3.416	79	759117	49.164	ng	98
4) n-Nitrosodimethylamine	3.381	42	417134	51.355	ng	98
6) Aniline	6.551	93	994174	48.562	ng	99
8) 2-Chlorophenol	6.669	128	546266	48.757	ng	98
9) Benzaldehyde	6.439	77	545259	51.738	ng	99
10) Phenol	6.528	94	799210	48.932	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	595127	47.169	ng	97
12) 1,3-Dichlorobenzene	6.828	146	607764	45.318	ng	98
13) 1,4-Dichlorobenzene	6.904	146	603407	45.612	ng	99
14) 1,2-Dichlorobenzene	7.057	146	583790	46.072	ng	99
15) Benzyl Alcohol	7.028	79	515929	50.402	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1368524	47.652	ng	99
17) 2-Methylphenol	7.134	107	448120	48.397	ng	99
18) Hexachloroethane	7.398	117	207432	47.017	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	441373	47.198	ng	98
20) 3+4-Methylphenols	7.292	107	485879	45.276	ng	# 83
22) Acetophenone	7.298	105	665276	44.262	ng	# 94
24) Nitrobenzene	7.475	77	625692	48.155	ng	98
25) Isophorone	7.716	82	1181135	47.877	ng	98
26) 2-Nitrophenol	7.786	139	296399	53.208	ng	99
27) 2,4-Dimethylphenol	7.816	122	480868	47.987	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	706471	45.333	ng	99
29) 2,4-Dichlorophenol	8.022	162	497289	47.642	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	473064	46.083	ng	98
31) Naphthalene	8.192	128	1451547	44.890	ng	100
32) Benzoic acid	7.945	122	384635	55.462	ng	98
33) 4-Chloroaniline	8.239	127	567726	46.813	ng	99
34) Hexachlorobutadiene	8.304	225	325186	45.586	ng	99
35) Caprolactam	8.628	113	167817	50.565	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	477376	47.612	ng	98
37) 2-Methylnaphthalene	8.881	142	935960	43.453	ng	99
38) 1-Methylnaphthalene	8.981	142	918550	43.965	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	491771	45.187	ng	99
41) Hexachlorocyclopentadiene	9.033	237	242390	53.686	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	376991	47.410	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143880.D
 Acq On : 06 Oct 2025 13:23
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 06 15:38:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

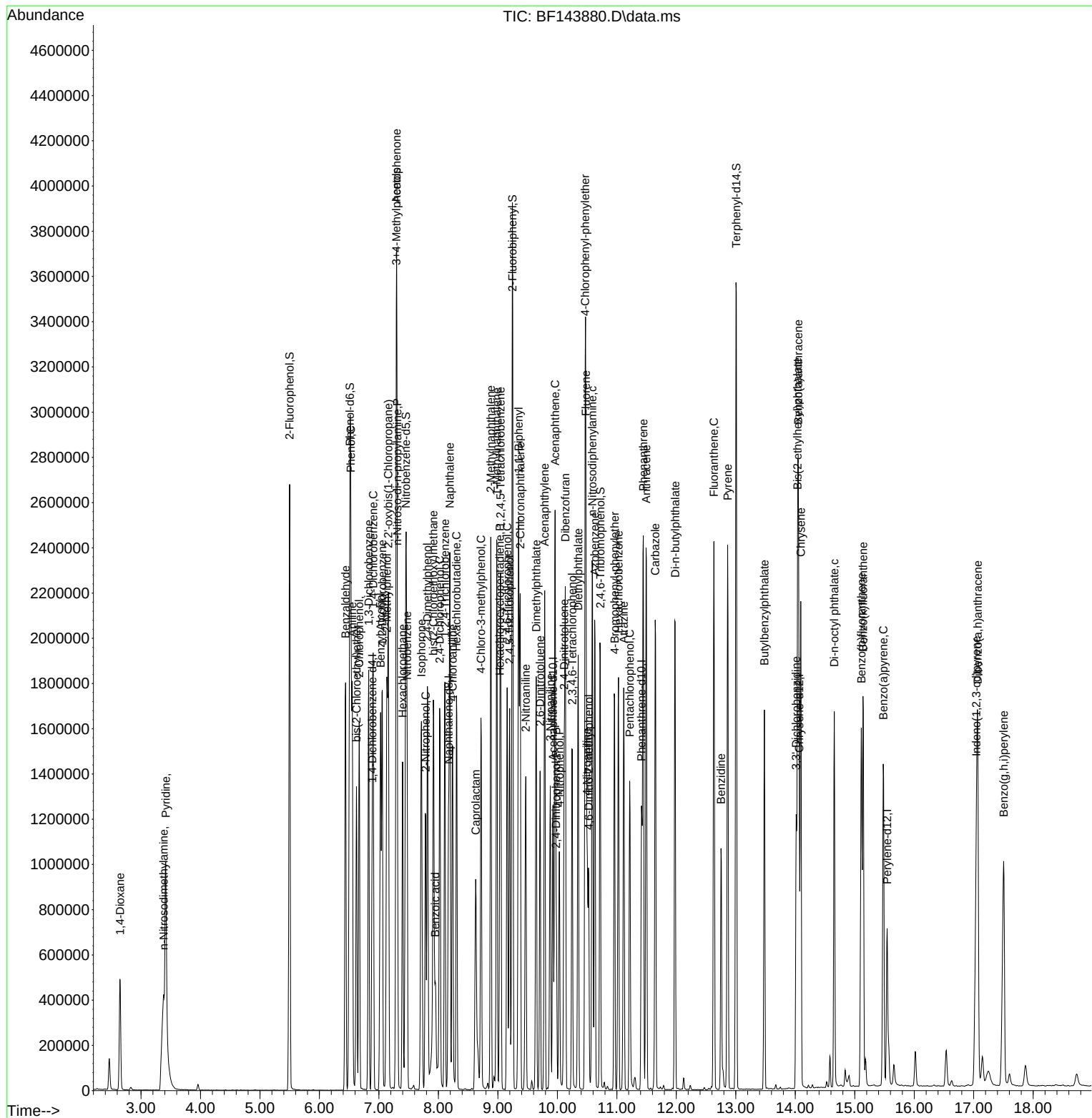
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	395213	47.031	ng	99
46) 1,1'-Biphenyl	9.351	154	1116775	42.837	ng	99
47) 2-Chloronaphthalene	9.375	162	972675	44.748	ng	98
48) 2-Nitroaniline	9.469	65	348179	50.665	ng	96
49) Acenaphthylene	9.786	152	1364193	44.642	ng	100
50) Dimethylphthalate	9.645	163	1147448	45.888	ng	99
51) 2,6-Dinitrotoluene	9.710	165	246567	53.176	ng	99
52) Acenaphthene	9.963	154	883487	44.122	ng	99
53) 3-Nitroaniline	9.880	138	291630	51.366	ng	97
54) 2,4-Dinitrophenol	9.980	184	140496	51.801	ng	# 82
55) Dibenzofuran	10.133	168	1233091	43.625	ng	99
56) 4-Nitrophenol	10.033	139	226765	52.750	ng	96
57) 2,4-Dinitrotoluene	10.116	165	329984	52.304	ng	98
58) Fluorene	10.480	166	882946	41.398	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	294987	49.591	ng	# 98
60) Diethylphthalate	10.351	149	1053032	45.330	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	477108	42.311	ng	98
62) 4-Nitroaniline	10.498	138	282713	51.782	ng	98
63) Azobenzene	10.627	77	1096875	45.178	ng	97
65) 4,6-Dinitro-2-methylph...	10.527	198	188400	55.558	ng	99
66) n-Nitrosodiphenylamine	10.586	169	943991	44.552	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	339818	45.566	ng	97
68) Hexachlorobenzene	11.027	284	407614	47.211	ng	97
69) Atrazine	11.116	200	309799	48.240	ng	99
70) Pentachlorophenol	11.216	266	259359	52.304	ng	98
71) Phenanthrene	11.445	178	1419666	43.395	ng	100
72) Anthracene	11.492	178	1440404	43.583	ng	99
73) Carbazole	11.645	167	1291982	44.139	ng	99
74) Di-n-butylphthalate	11.980	149	1534951	45.246	ng	100
75) Fluoranthene	12.633	202	1478181	43.744	ng	99
77) Benzidine	12.751	184	636126	46.882	ng	99
78) Pyrene	12.863	202	1505326	46.206	ng	99
80) Butylbenzylphthalate	13.480	149	532754	50.352	ng	99
81) Benzo(a)anthracene	14.051	228	1203843	47.075	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	391334	50.214	ng	98
83) Chrysene	14.092	228	1090275	46.065	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	626818	49.146	ng	99
85) Di-n-octyl phthalate	14.657	149	1082833	51.691	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1316167	50.373	ng	100
88) Benzo(b)fluoranthene	15.110	252	1167220	47.652	ng	98
89) Benzo(k)fluoranthene	15.139	252	983488	43.392	ng	98
90) Benzo(a)pyrene	15.480	252	997382	46.960	ng	97
91) Dibenzo(a,h)anthracene	17.068	278	1039281	49.457	ng	97
92) Benzo(g,h,i)perylene	17.503	276	1056021	50.253	ng	100

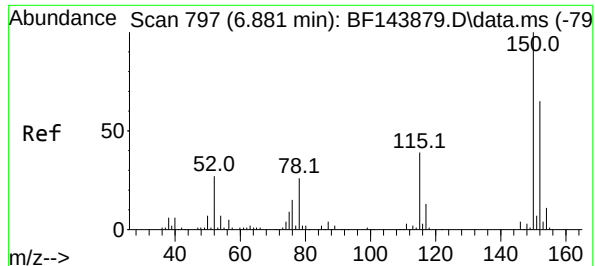
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF143880.D
Acq On : 06 Oct 2025 13:23
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Oct 06 15:38:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

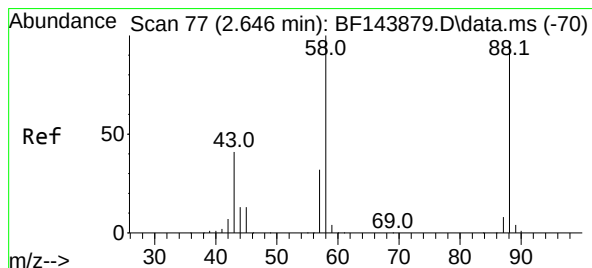
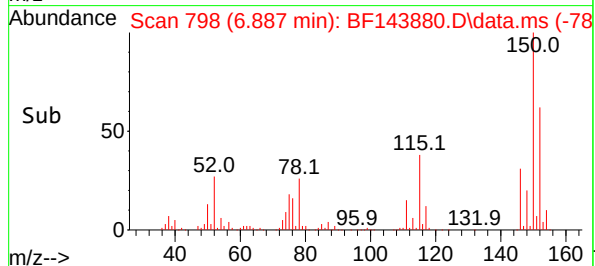
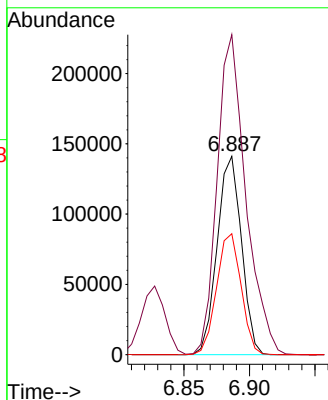
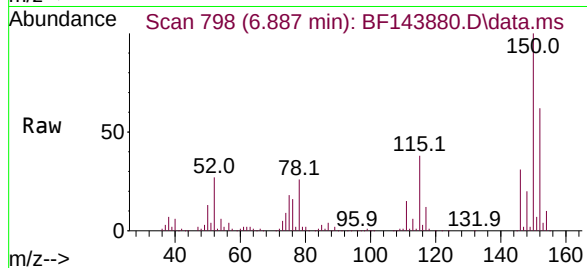




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

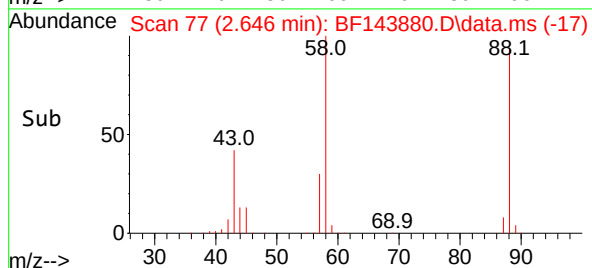
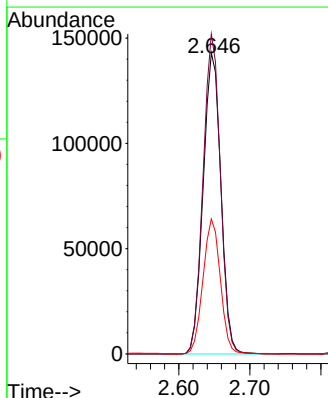
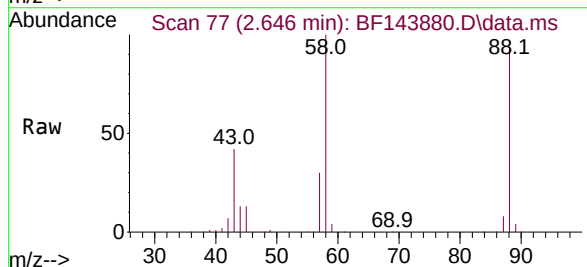
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

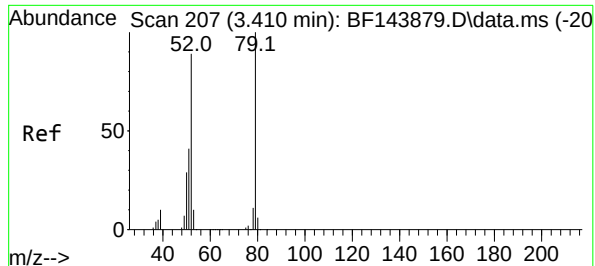
Tgt Ion:152 Resp: 182011
Ion Ratio Lower Upper
152 100
150 161.3 124.4 186.6
115 60.9 48.1 72.1



#2
1,4-Dioxane
Concen: 46.709 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 88 Resp: 247738
Ion Ratio Lower Upper
88 100
58 103.6 83.0 124.6
43 43.8 33.9 50.9





#3

Pyridine

Concen: 49.164 ng

RT: 3.416 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143880.D

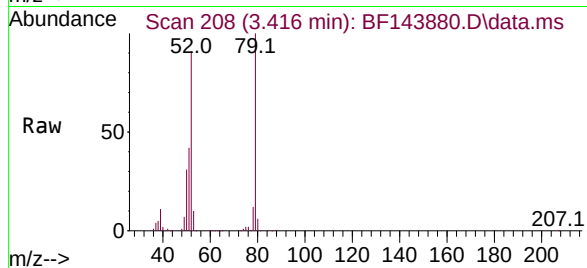
Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



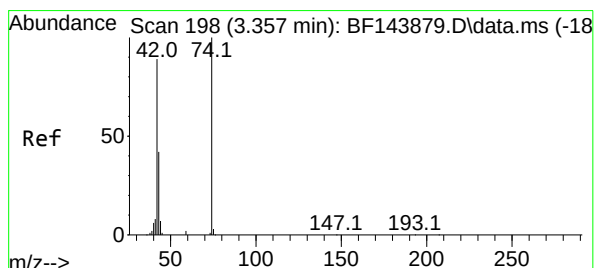
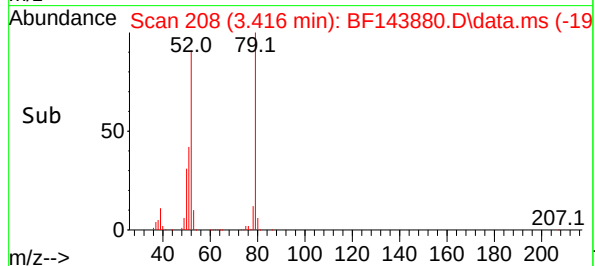
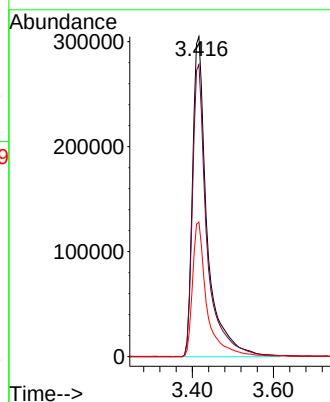
Tgt Ion: 79 Resp: 759117

Ion Ratio Lower Upper

79 100

52 91.3 71.5 107.3

51 42.0 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 51.355 ng

RT: 3.381 min Scan# 202

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

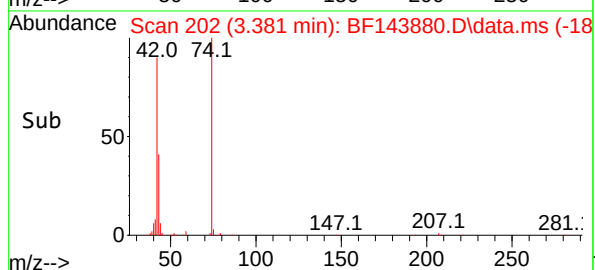
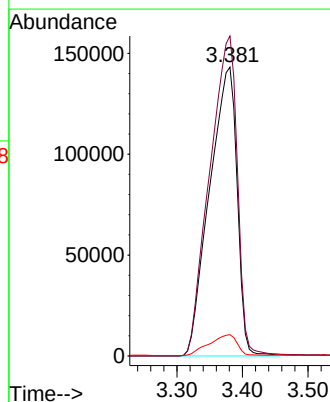
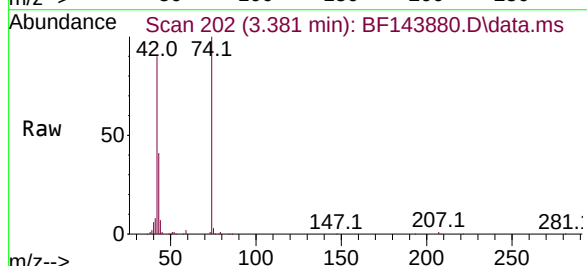
Tgt Ion: 42 Resp: 417134

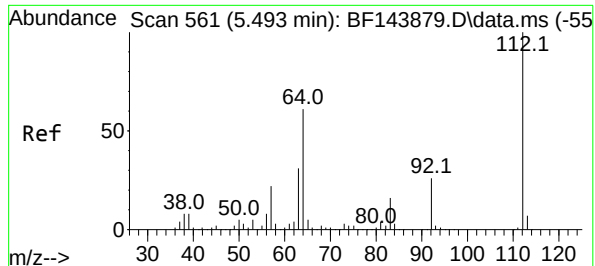
Ion Ratio Lower Upper

42 100

74 110.8 90.0 135.0

44 7.3 6.2 9.2

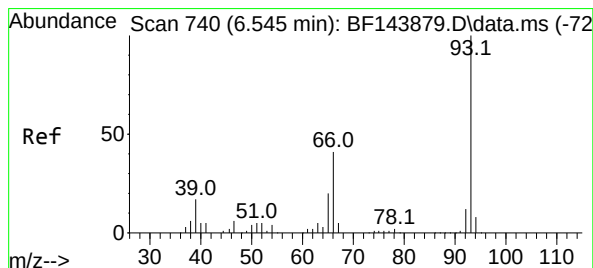
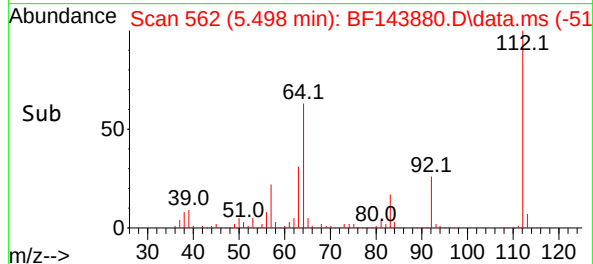
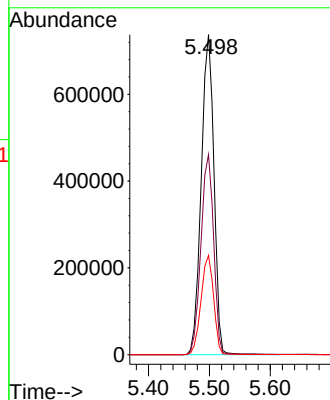
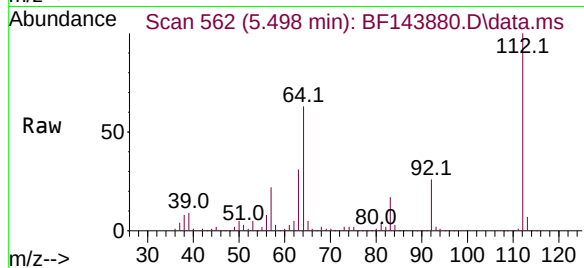




#5
2-Fluorophenol
Concen: 93.138 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

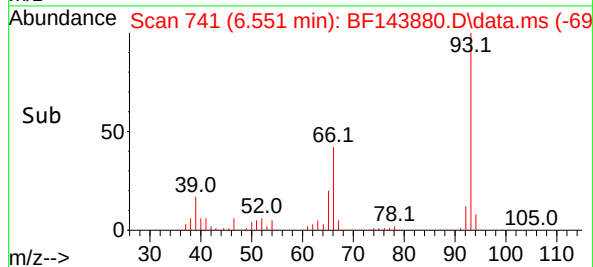
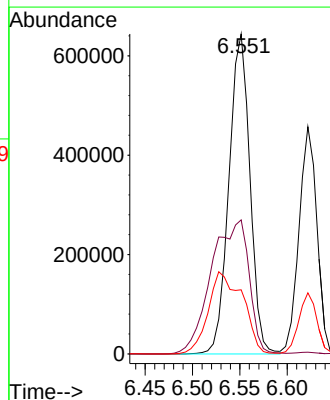
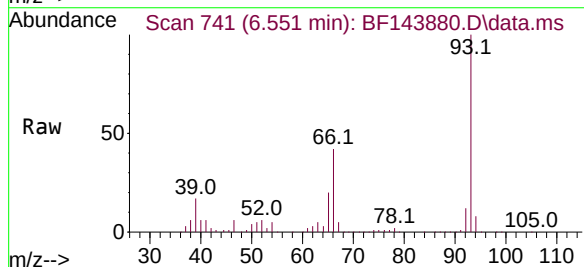
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

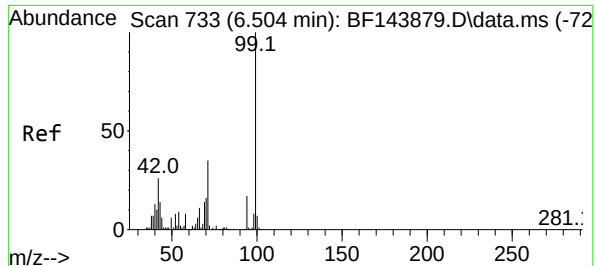
Tgt Ion:112 Resp: 1067519
Ion Ratio Lower Upper
112 100
64 62.5 49.1 73.7
63 31.0 24.5 36.7



#6
Aniline
Concen: 48.562 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 93 Resp: 994174
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 20.0 15.8 23.8

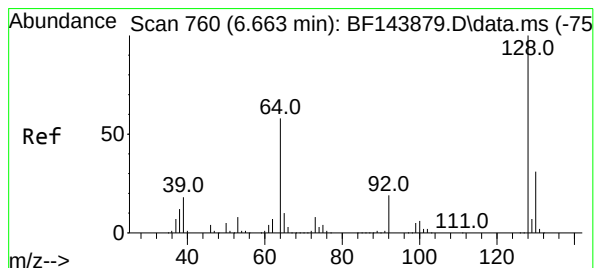
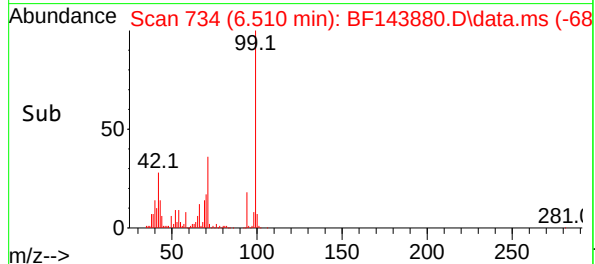
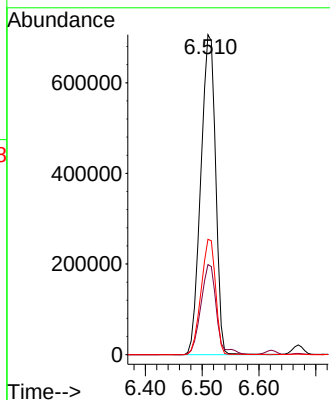
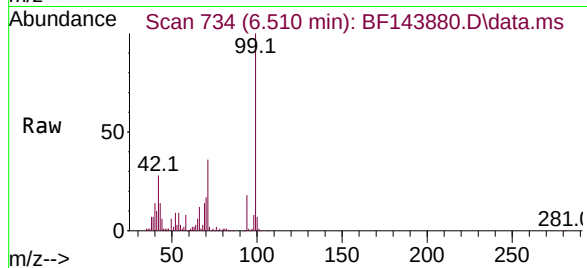




#7
Phenol-d6
Concen: 93.519 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

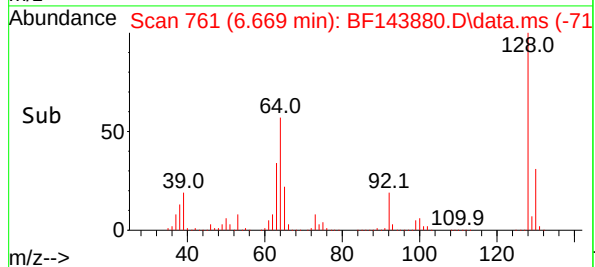
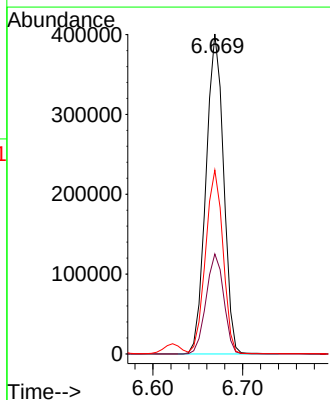
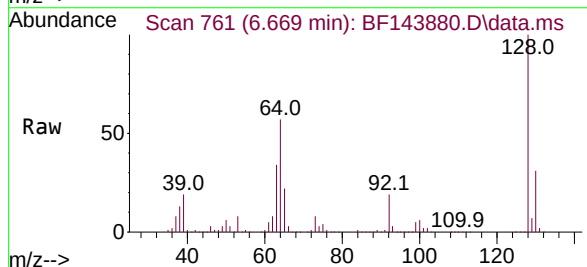
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

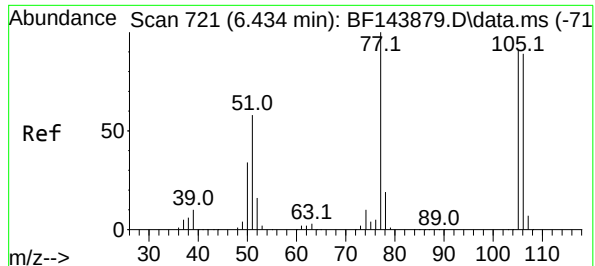
Tgt Ion: 99 Resp: 1277645
Ion Ratio Lower Upper
99 100
42 28.1 21.0 31.4
71 36.0 27.8 41.8



#8
2-Chlorophenol
Concen: 48.757 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 128 Resp: 546266
Ion Ratio Lower Upper
128 100
130 31.2 10.7 50.7
64 57.4 39.0 79.0





#9

Benzaldehyde

Concen: 51.738 ng

RT: 6.439 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

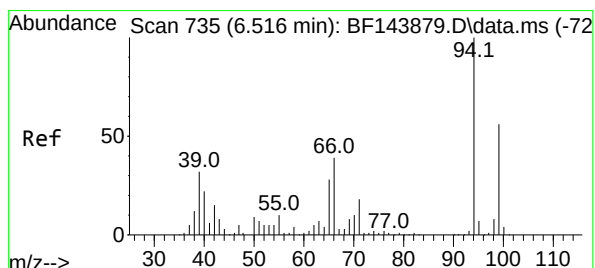
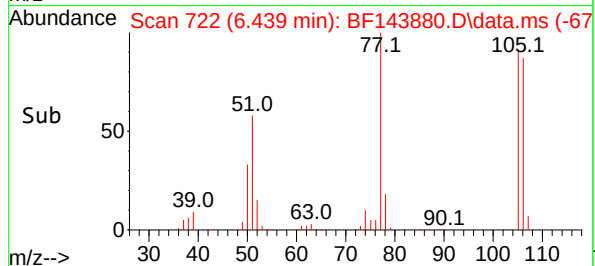
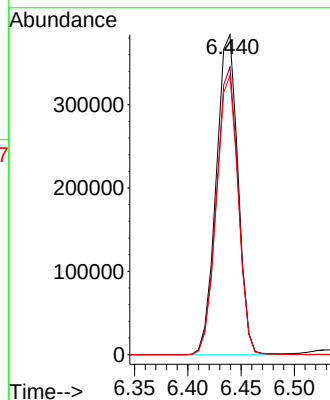
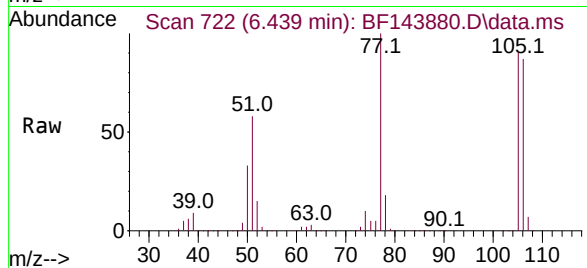
Tgt Ion: 77 Resp: 545259

Ion Ratio Lower Upper

77 100

105 89.9 70.9 110.9

106 87.2 68.9 108.9



#10

Phenol

Concen: 48.932 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

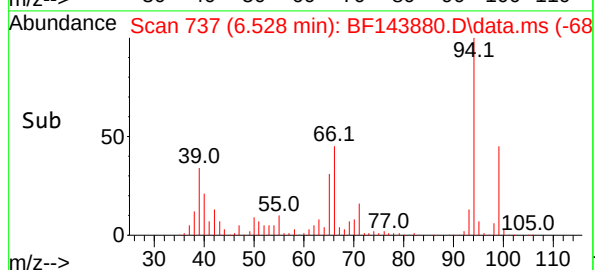
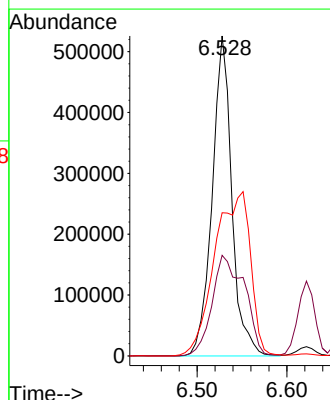
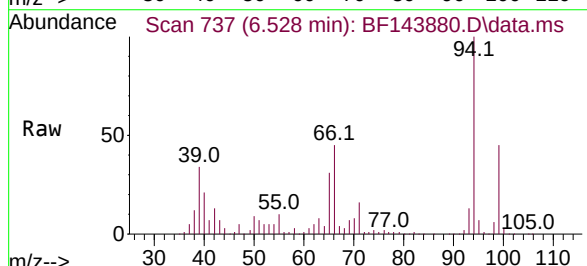
Tgt Ion: 94 Resp: 799210

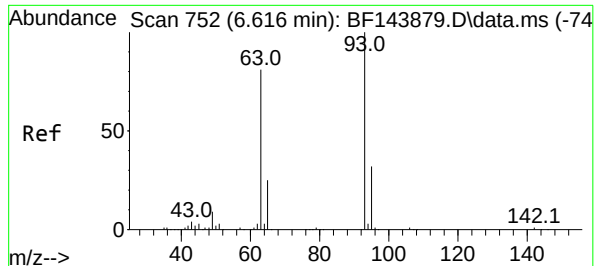
Ion Ratio Lower Upper

94 100

65 31.4 8.5 48.5

66 44.7 19.9 59.9

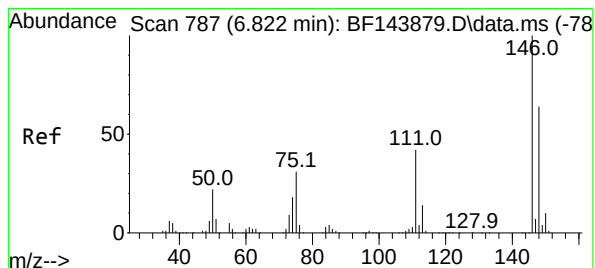
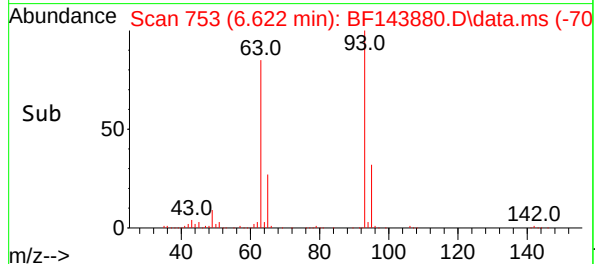
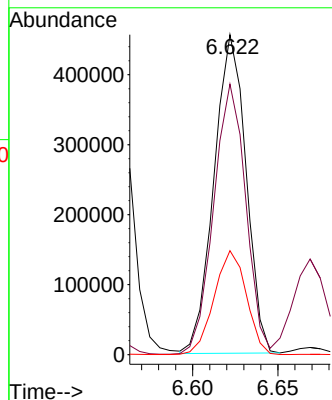
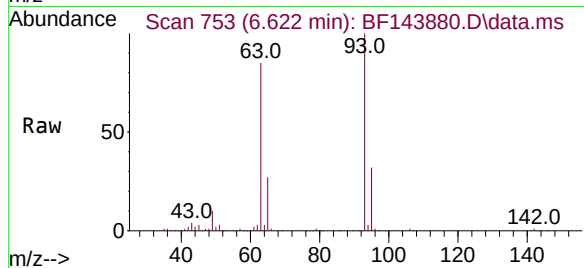




#11
bis(2-Chloroethyl)ether
Concen: 47.169 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

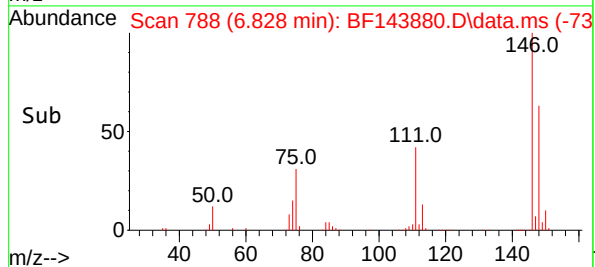
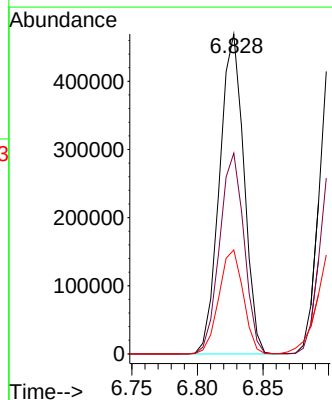
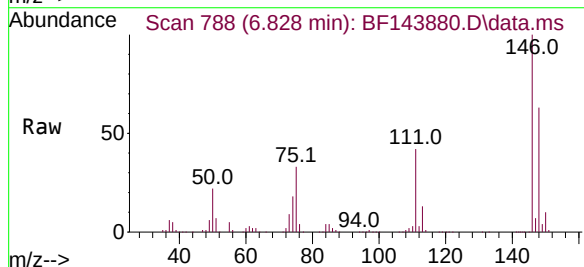
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

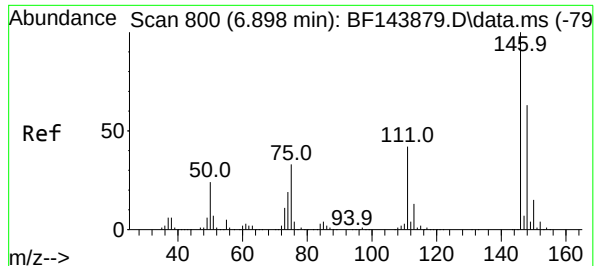
Tgt Ion: 93 Resp: 595127
Ion Ratio Lower Upper
93 100
63 84.5 60.9 100.9
95 32.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 45.318 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:146 Resp: 607764
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.4
75 32.5 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 45.612 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

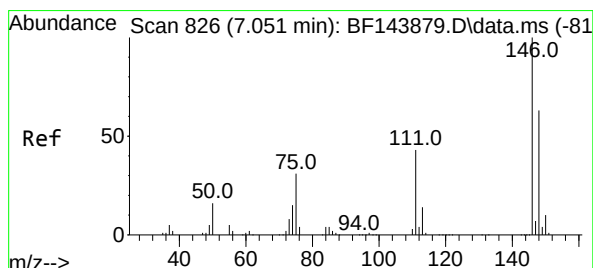
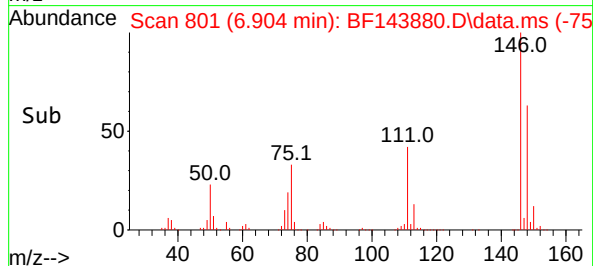
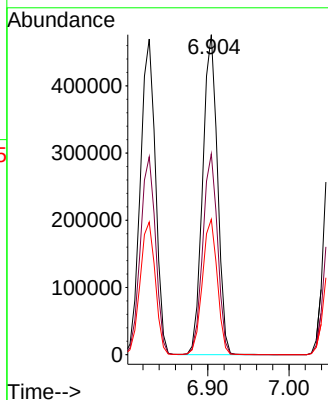
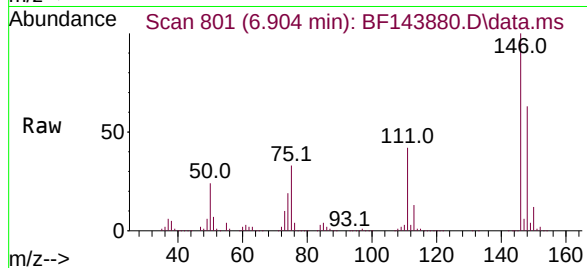
Tgt Ion:146 Resp: 603407

Ion Ratio Lower Upper

146 100

148 62.7 50.5 75.7

111 42.3 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 46.072 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

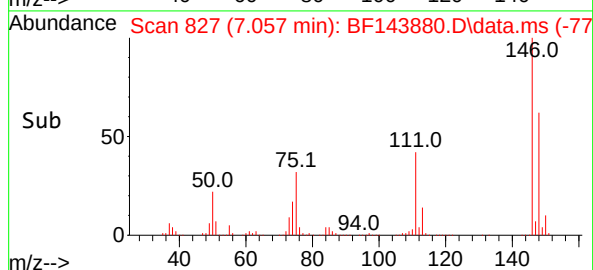
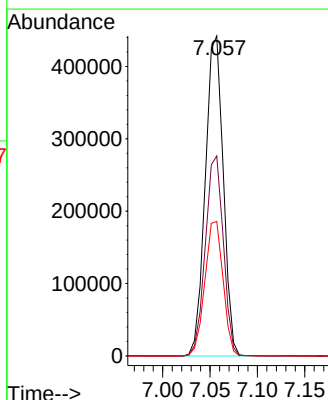
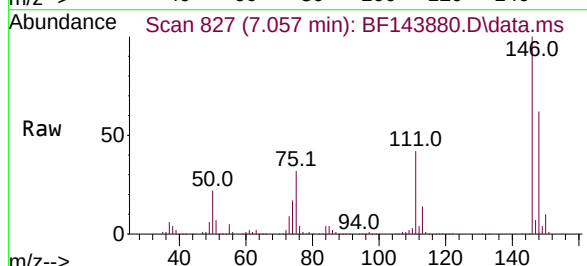
Tgt Ion:146 Resp: 583790

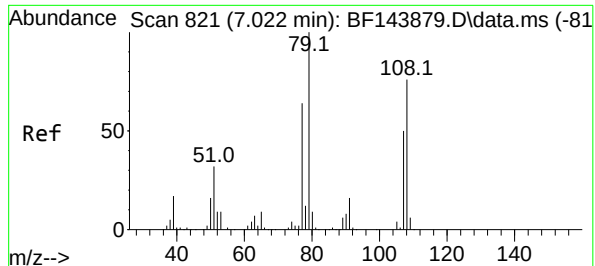
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 42.0 34.6 51.8

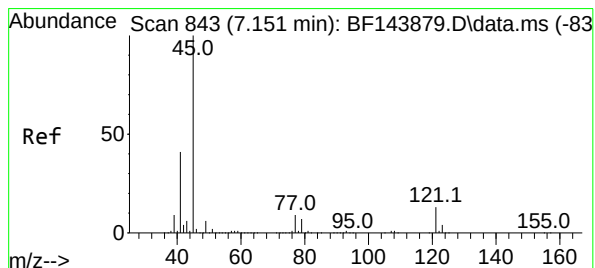
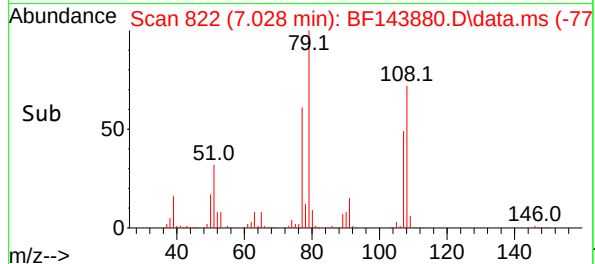
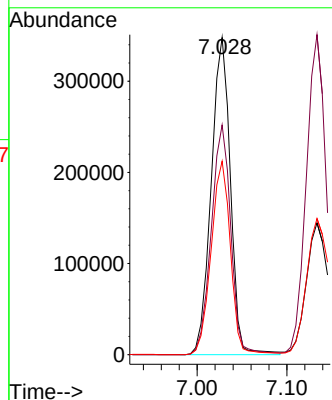
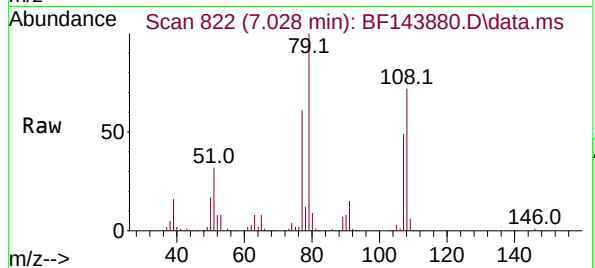




#15
Benzyl Alcohol
Concen: 50.402 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

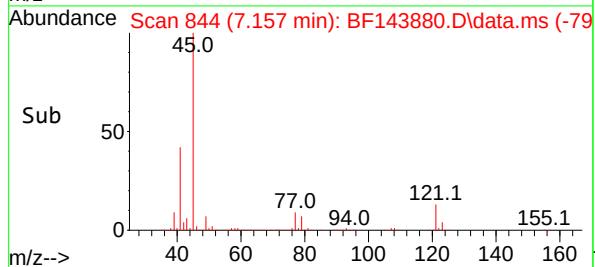
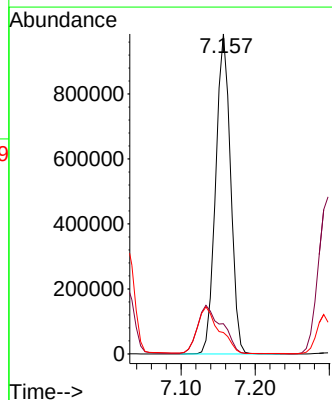
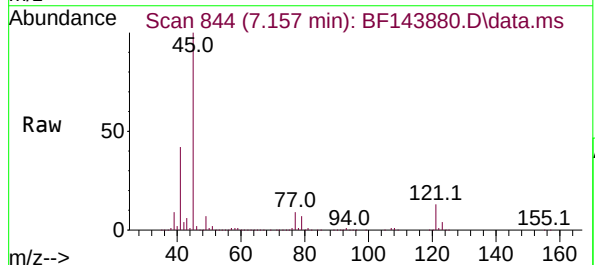
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

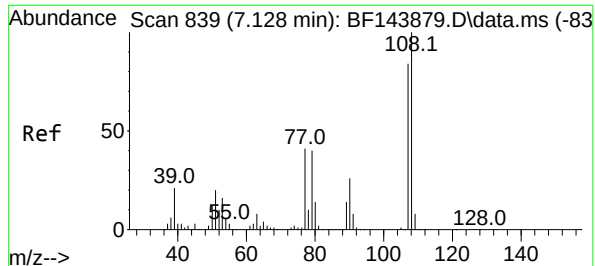
Tgt Ion: 79 Resp: 515929
Ion Ratio Lower Upper
79 100
108 72.4 60.8 91.2
77 61.0 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.652 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 45 Resp: 1368524
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.0
79 6.7 0.0 26.8

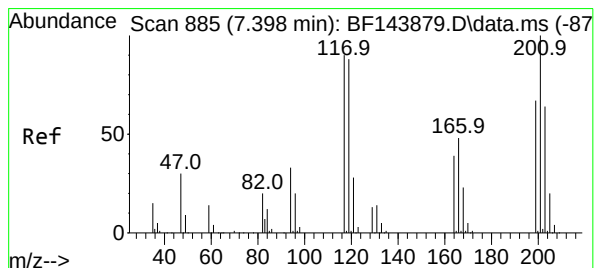
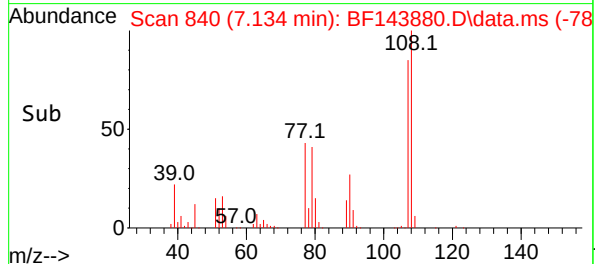
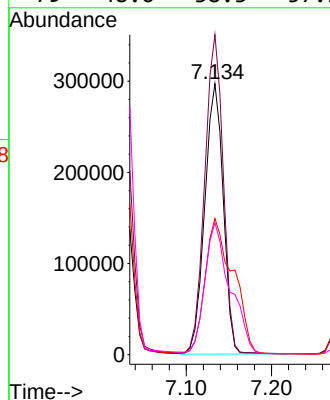
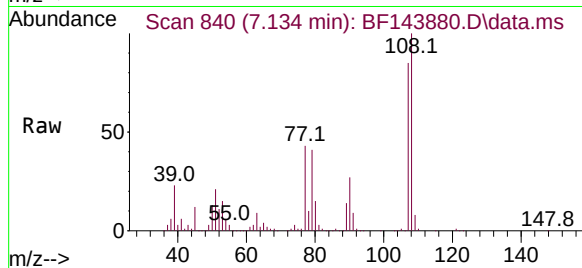




#17
2-Methylphenol
Concen: 48.397 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

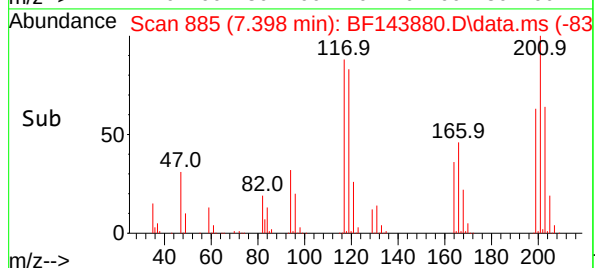
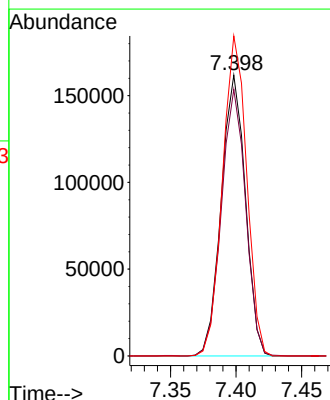
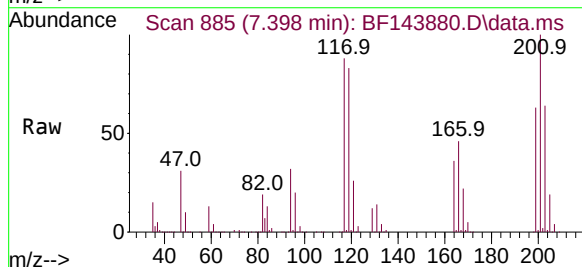
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

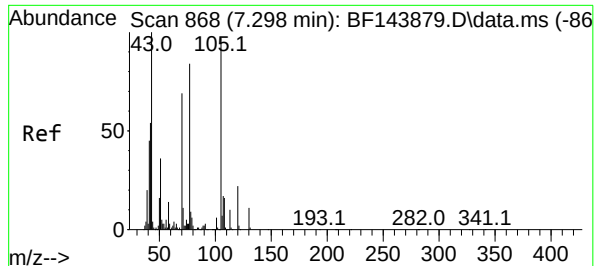
Tgt Ion:107 Resp: 448120
Ion Ratio Lower Upper
107 100
108 118.1 94.7 142.1
77 50.2 38.8 58.2
79 48.6 38.3 57.5



#18
Hexachloroethane
Concen: 47.017 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:117 Resp: 207432
Ion Ratio Lower Upper
117 100
119 94.9 77.8 116.8
201 114.0 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 47.198 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 441373

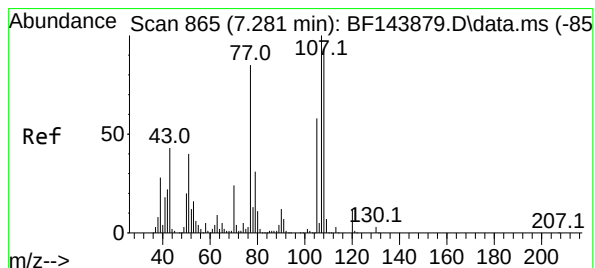
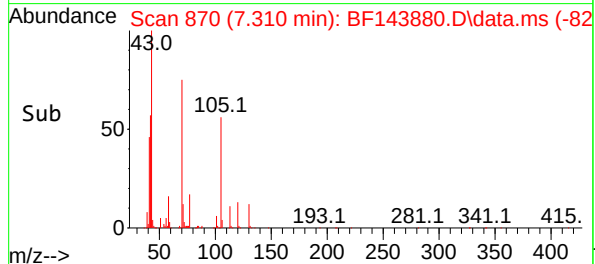
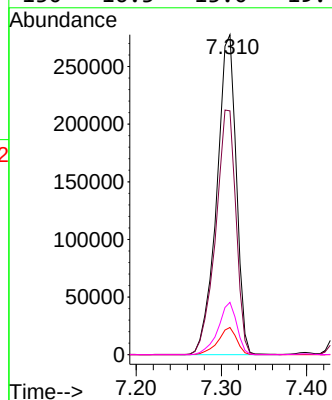
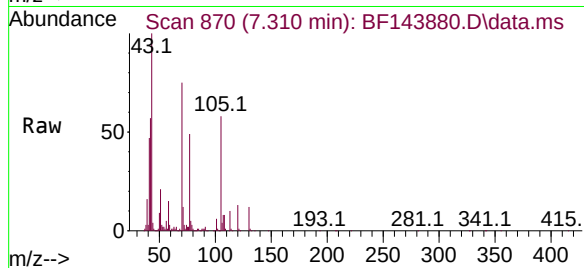
Ion Ratio Lower Upper

70 100

42 76.2 62.8 94.2

101 8.5 6.7 10.1

130 16.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 45.276 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 107 Resp: 485879

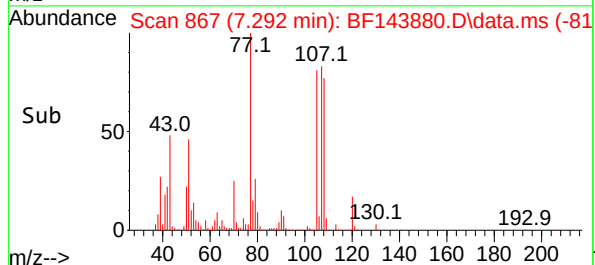
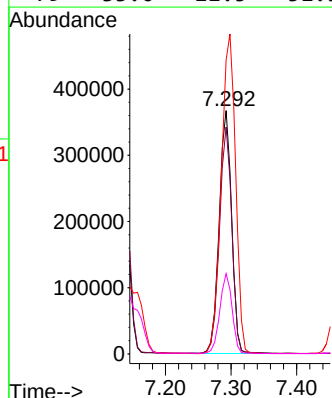
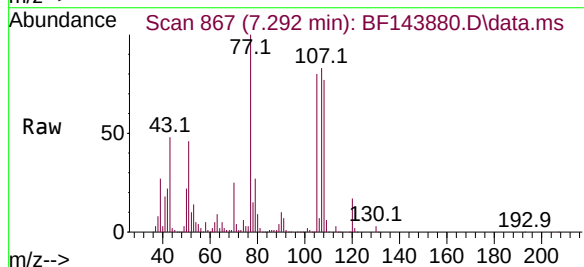
Ion Ratio Lower Upper

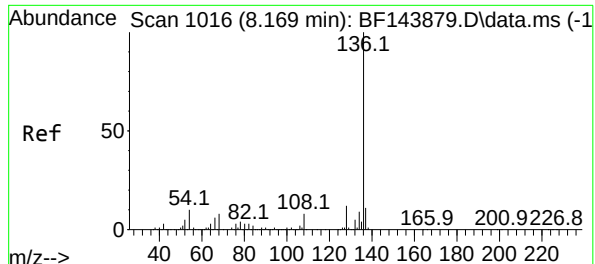
107 100

108 93.2 73.0 113.0

77 120.9 64.6 104.6#

79 33.0 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 710843

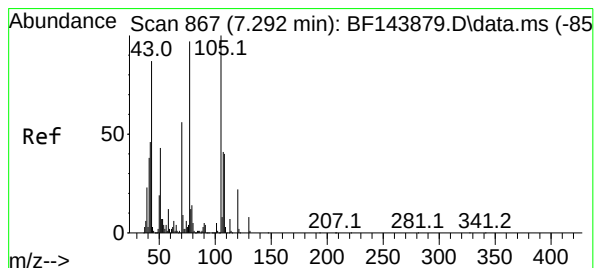
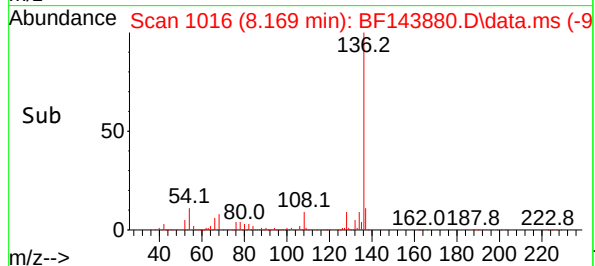
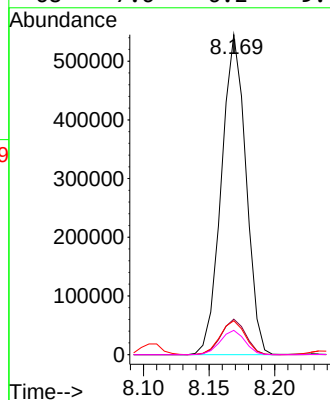
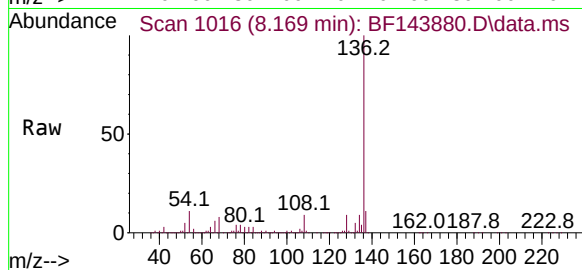
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 10.6 8.2 12.4

68 7.6 6.2 9.4



#22

Acetophenone

Concen: 44.262 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:105 Resp: 665276

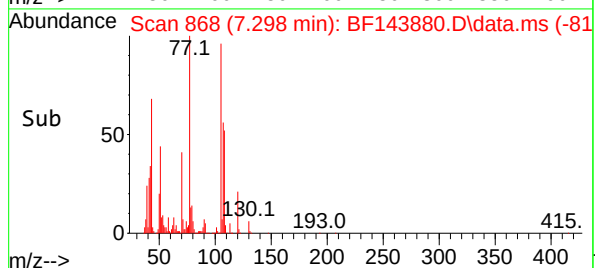
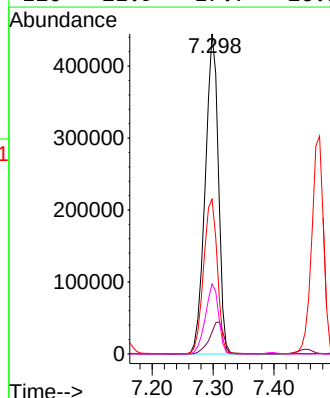
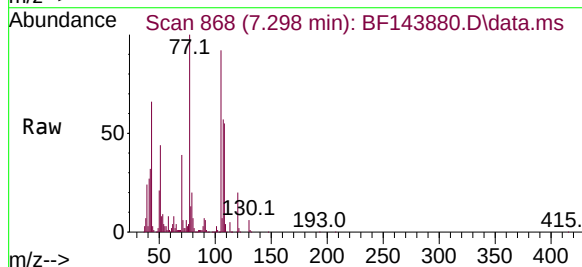
Ion Ratio Lower Upper

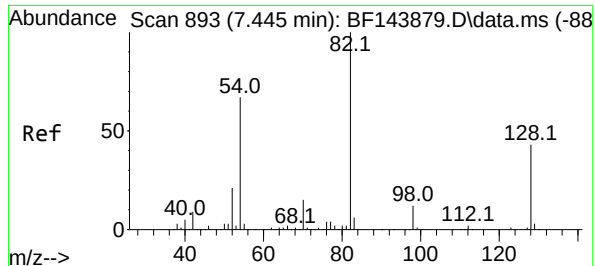
105 100

71 6.8 7.4 11.0#

51 48.3 34.2 51.4

120 21.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 98.174 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

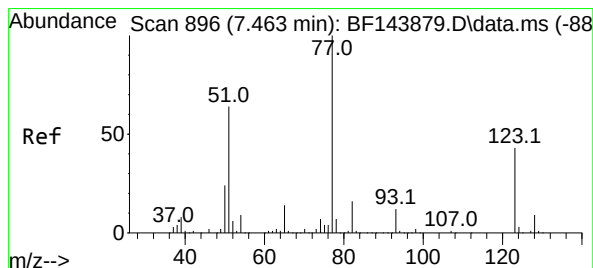
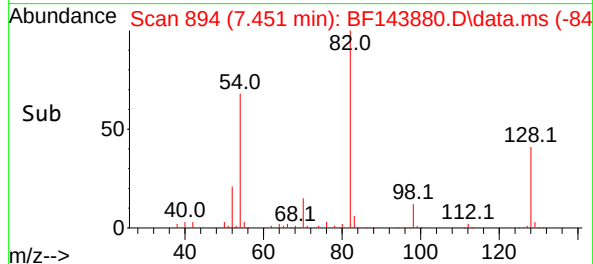
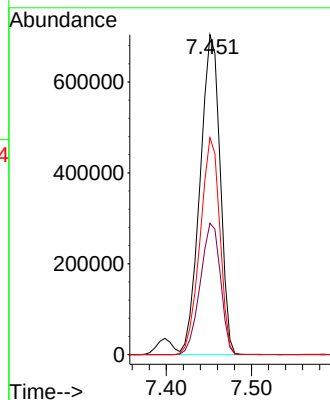
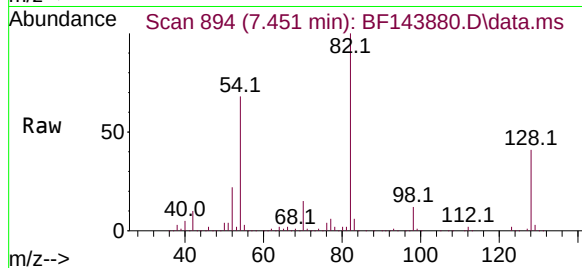
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1148649

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.0	51.0
54	67.8	53.2	79.8



#24

Nitrobenzene

Concen: 48.155 ng

RT: 7.475 min Scan# 898

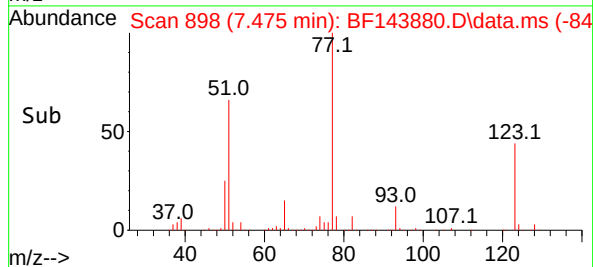
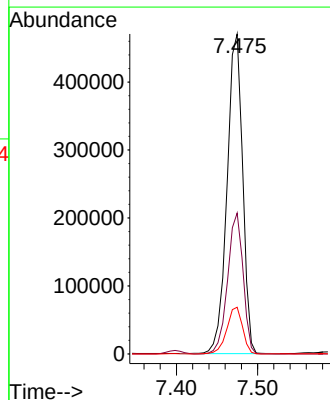
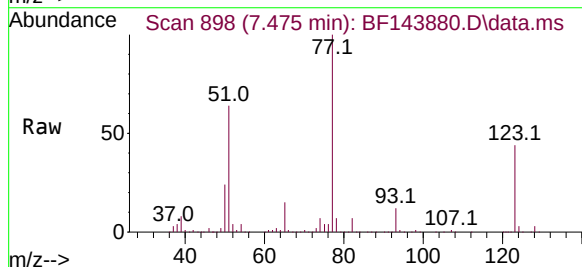
Delta R.T. 0.000 min

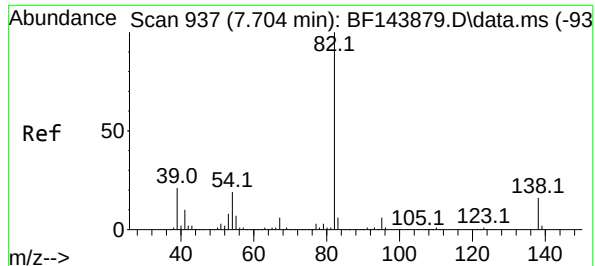
Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion: 77 Resp: 625692

Ion	Ratio	Lower	Upper
77	100		
123	44.0	34.2	51.4
65	14.6	11.0	16.6

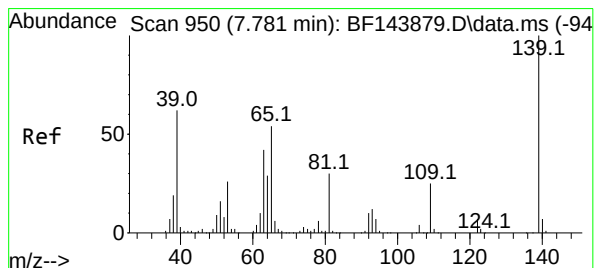
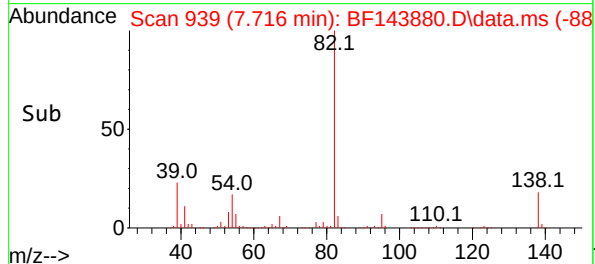
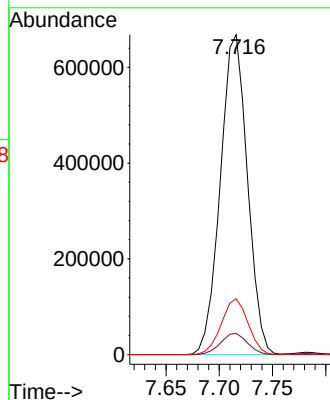
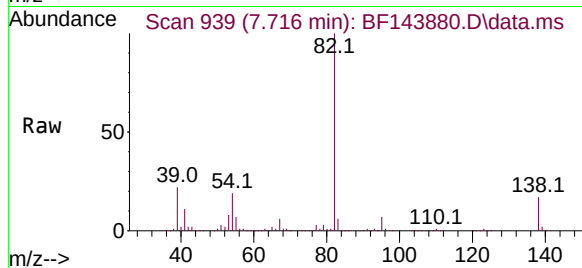




#25
Isophorone
Concen: 47.877 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

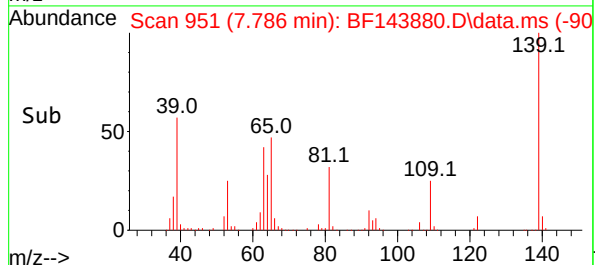
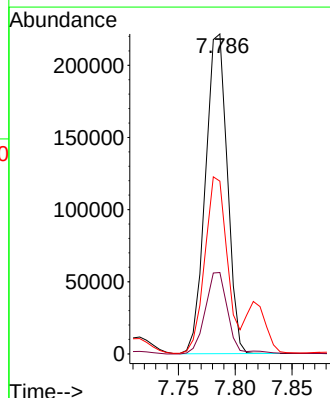
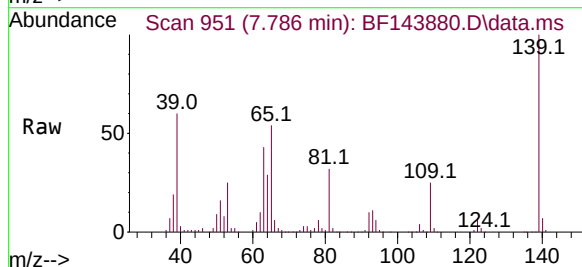
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

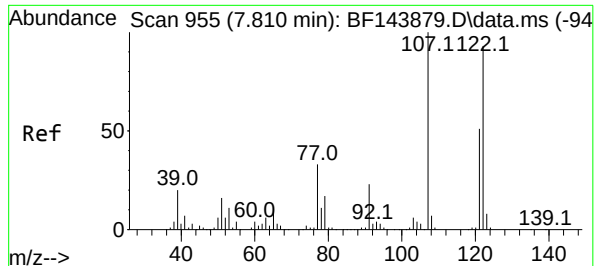
Tgt Ion: 82 Resp: 1181135
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.4 12.9 19.3



#26
2-Nitrophenol
Concen: 53.208 ng
RT: 7.786 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion: 139 Resp: 296399
Ion Ratio Lower Upper
139 100
109 25.5 19.8 29.6
65 54.0 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 47.987 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

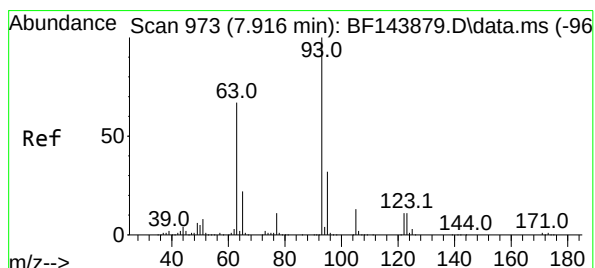
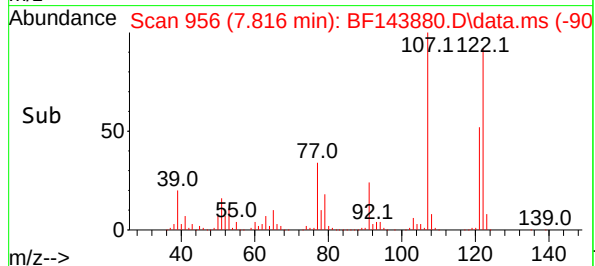
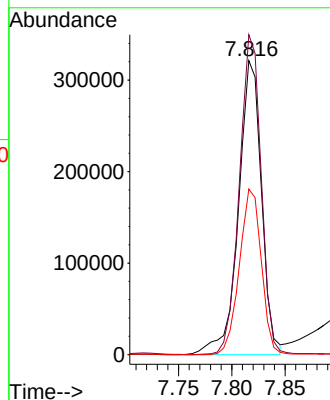
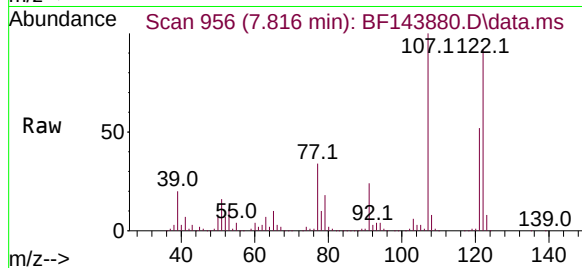
Tgt Ion:122 Resp: 480868

Ion Ratio Lower Upper

122 100

107 108.8 86.1 129.1

121 56.3 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.333 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

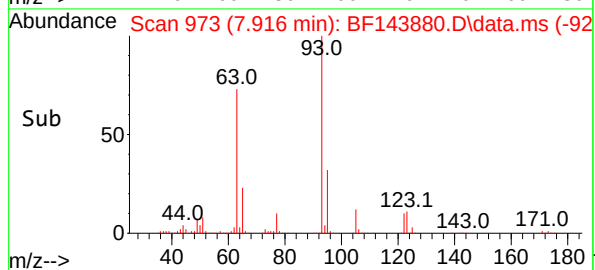
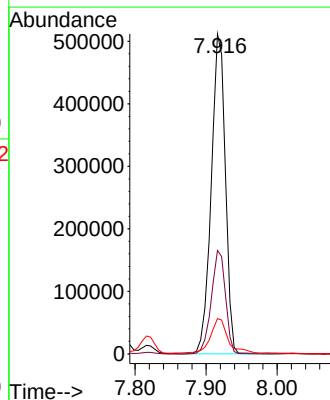
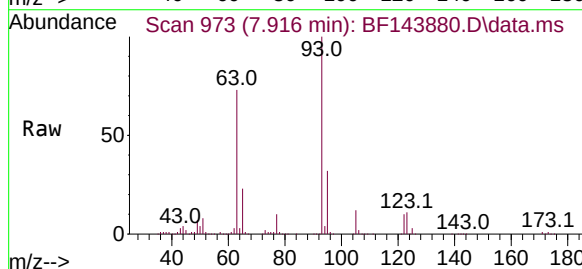
Tgt Ion: 93 Resp: 706471

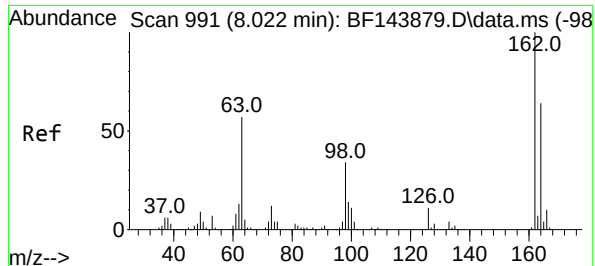
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.642 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

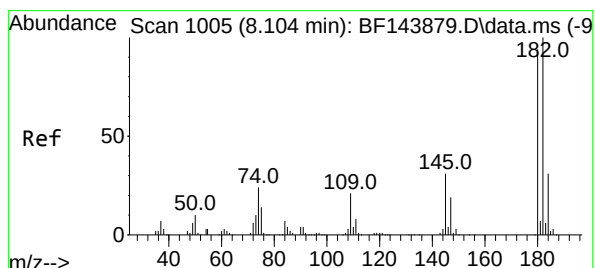
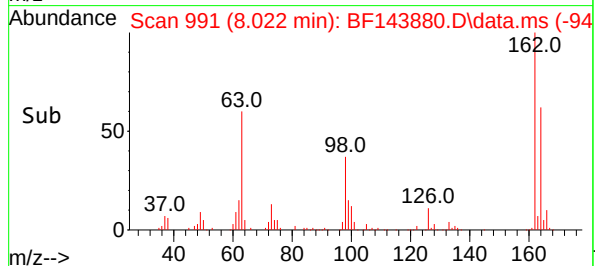
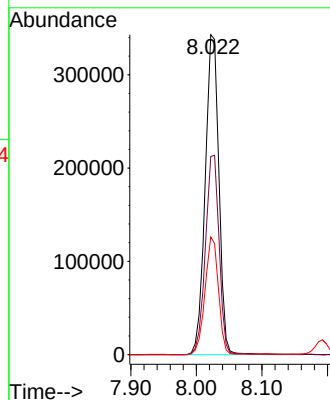
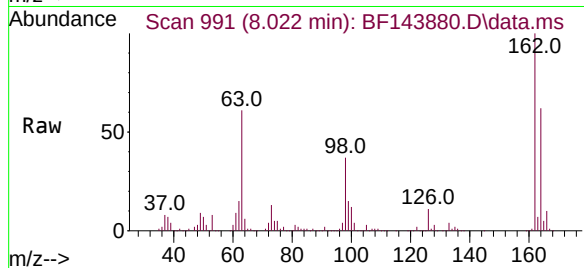
Tgt Ion:162 Resp: 497289

Ion Ratio Lower Upper

162 100

164 61.9 43.9 83.9

98 36.8 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 46.083 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

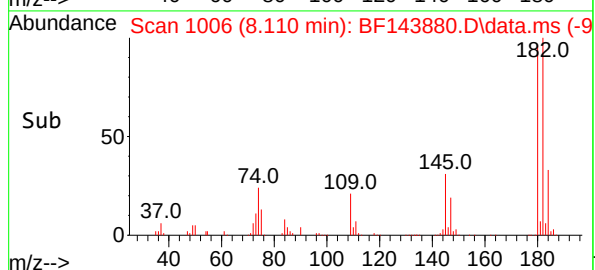
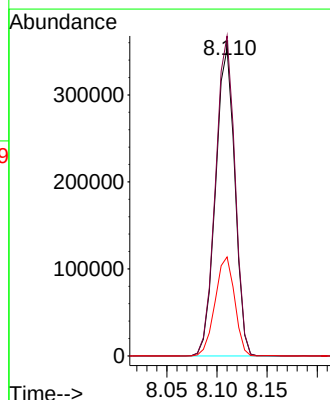
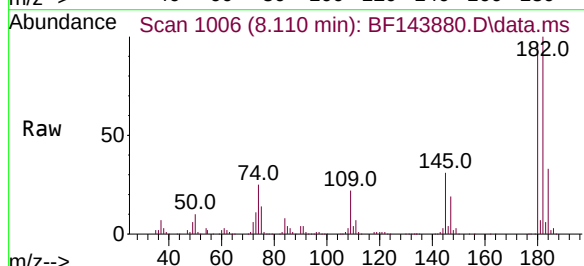
Tgt Ion:180 Resp: 473064

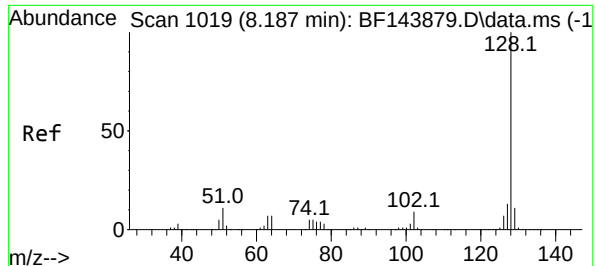
Ion Ratio Lower Upper

180 100

182 104.1 85.4 128.0

145 32.2 26.3 39.5





#31

Naphthalene

Concen: 44.890 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

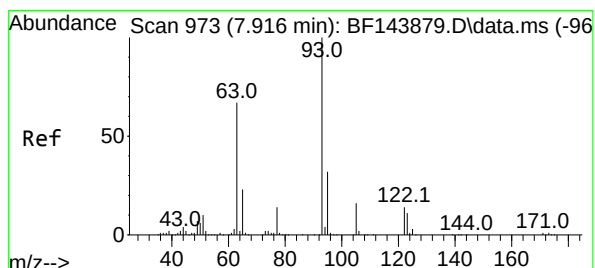
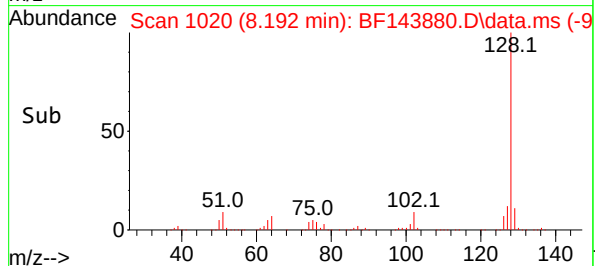
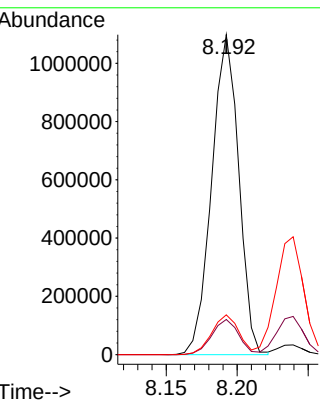
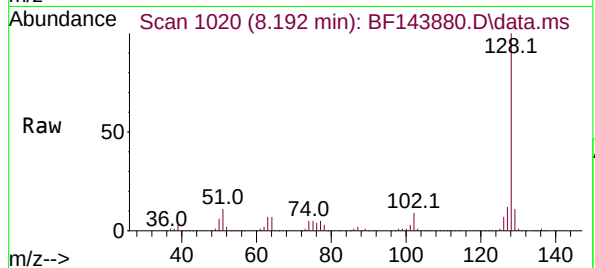
Tgt Ion:128 Resp: 1451547

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 12.4 10.0 15.0



#32

Benzoic acid

Concen: 55.462 ng

RT: 7.945 min Scan# 978

Delta R.T. -0.018 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

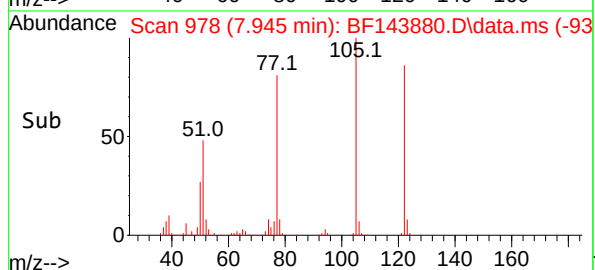
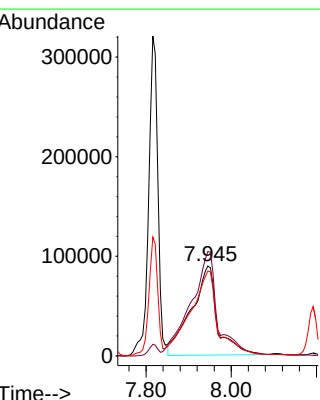
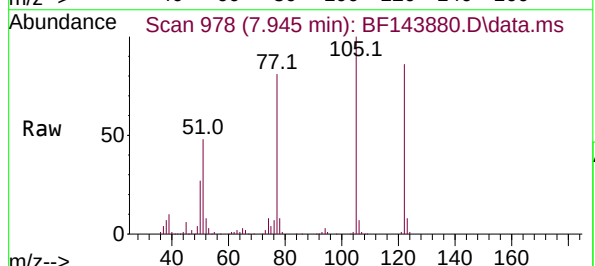
Tgt Ion:122 Resp: 384635

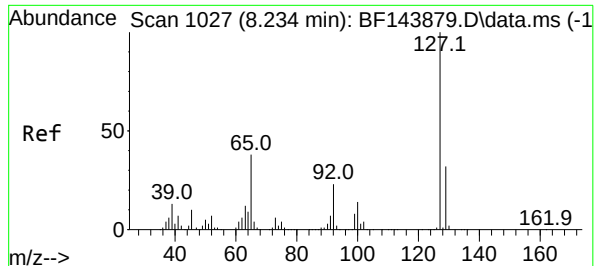
Ion Ratio Lower Upper

122 100

105 116.3 93.5 133.5

77 94.5 76.3 116.3

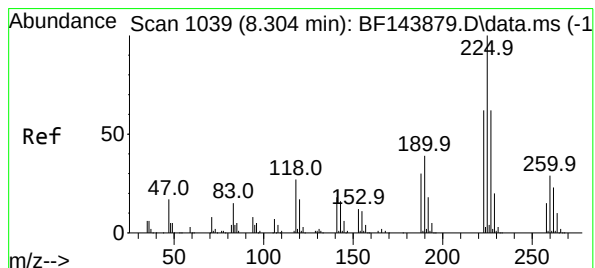
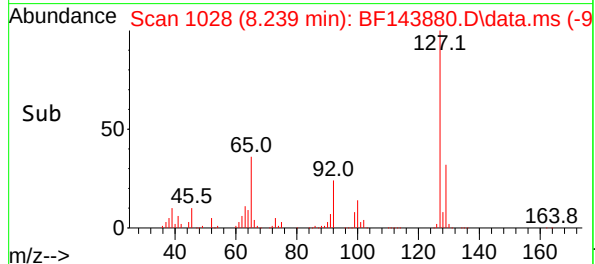
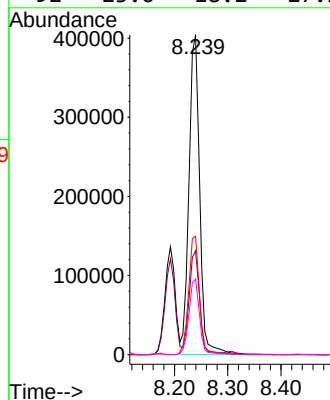
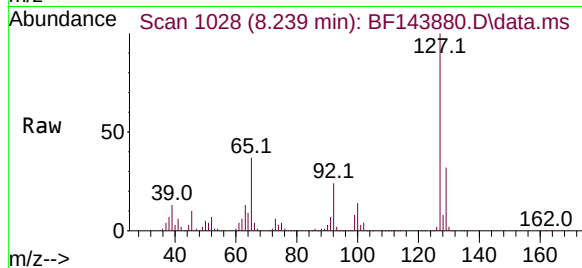




#33
4-Chloroaniline
Concen: 46.813 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

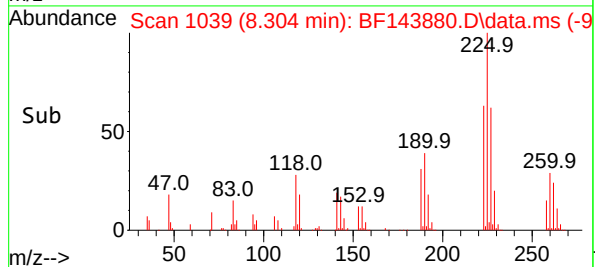
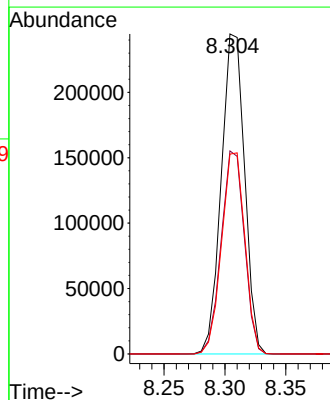
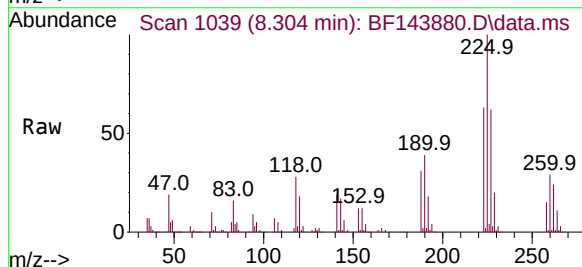
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

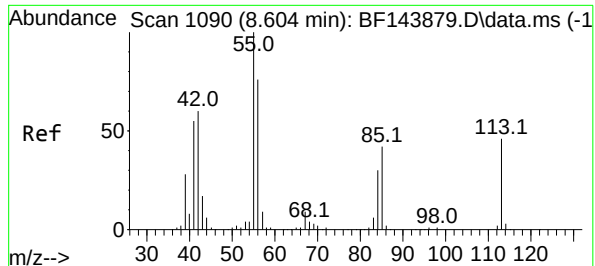
Tgt Ion:	127	Resp:	567726
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	37.0	30.0	45.0
92	23.6	18.2	27.2



#34
Hexachlorobutadiene
Concen: 45.586 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:	225	Resp:	325186
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.2
227	62.4	49.7	74.5

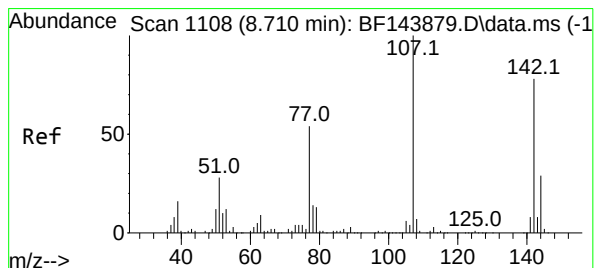
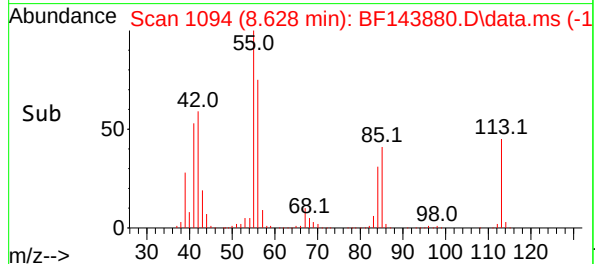
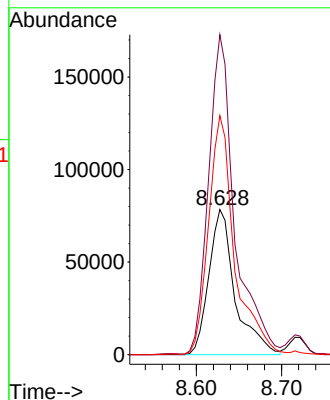
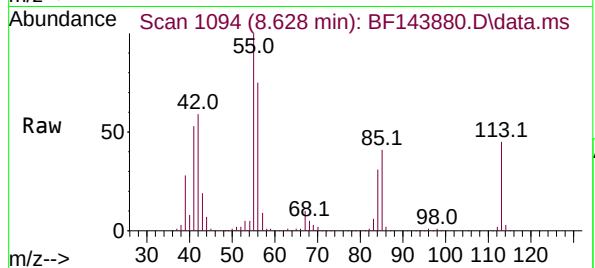




#35
Caprolactam
Concen: 50.565 ng
RT: 8.628 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

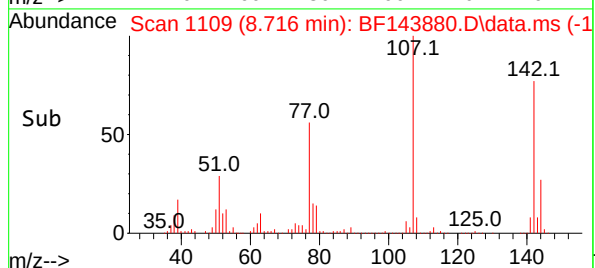
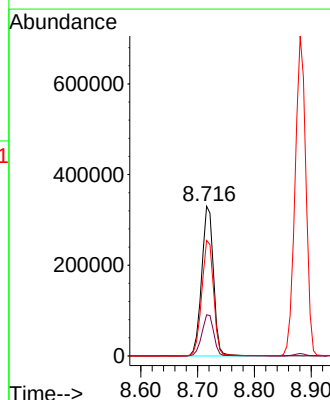
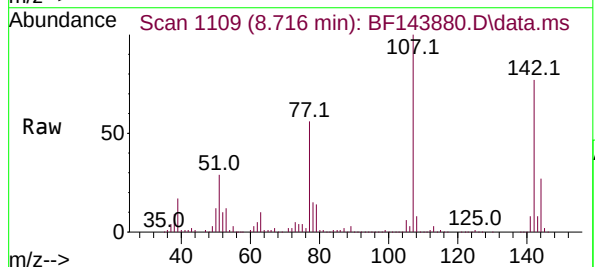
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

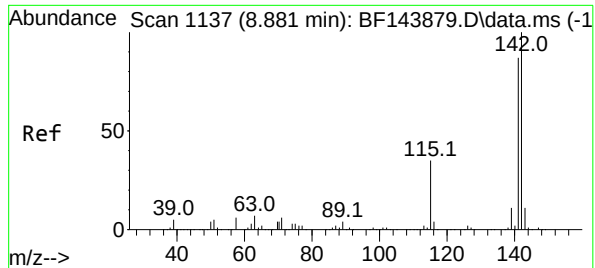
Tgt Ion:113 Resp: 167817
Ion Ratio Lower Upper
113 100
55 220.6 199.6 239.6
56 164.8 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 47.612 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:107 Resp: 477376
Ion Ratio Lower Upper
107 100
144 27.5 23.1 34.7
142 77.1 62.6 94.0





#37

2-Methylnaphthalene

Concen: 43.453 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

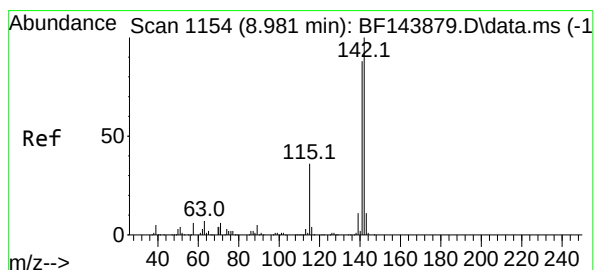
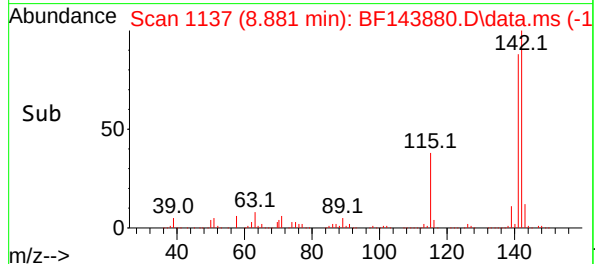
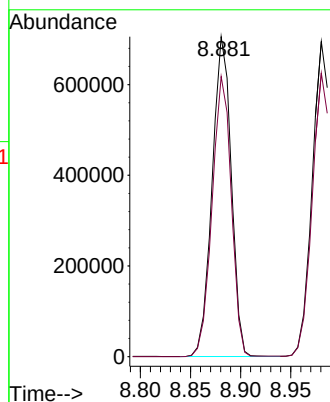
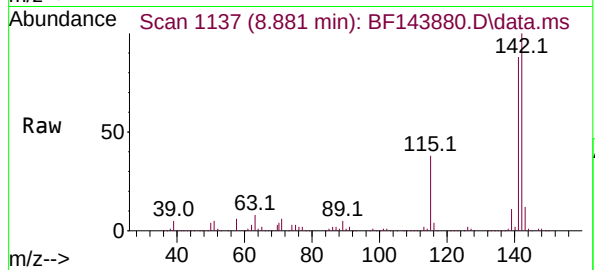
SSTDICC050

Tgt Ion:142 Resp: 935960

Ion Ratio Lower Upper

142 100

141 87.5 69.2 103.8



#38

1-Methylnaphthalene

Concen: 43.965 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143880.D

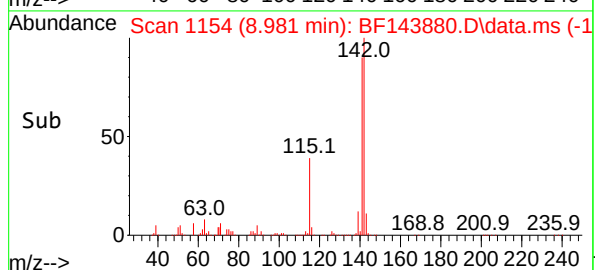
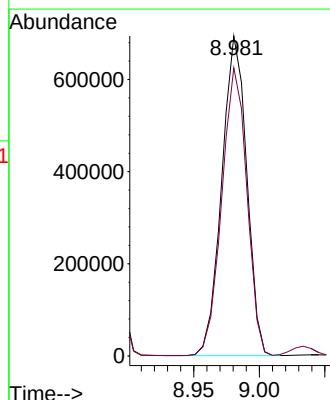
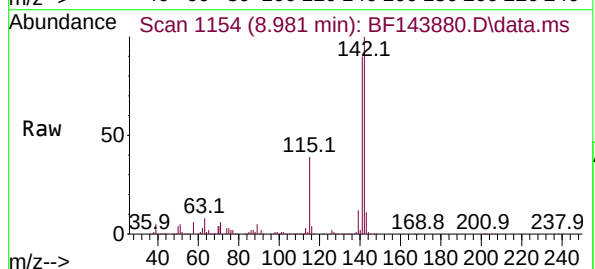
Acq: 06 Oct 2025 13:23

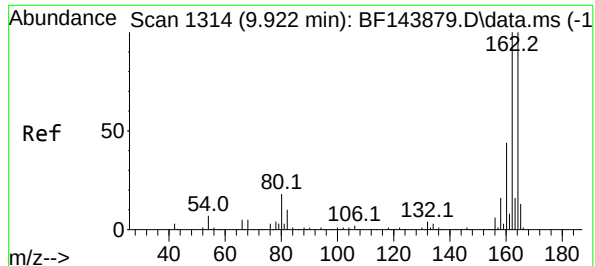
Tgt Ion:142 Resp: 918550

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1314

Delta R.T. 0.001 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

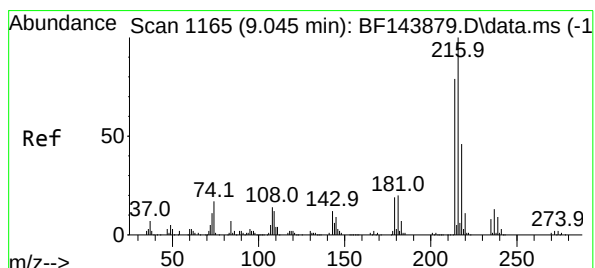
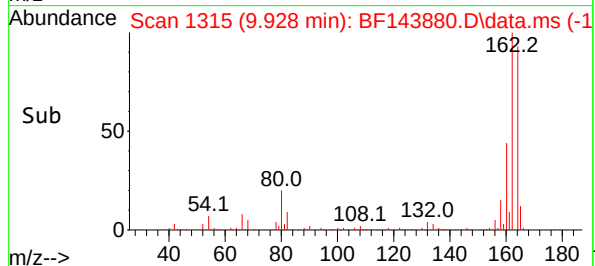
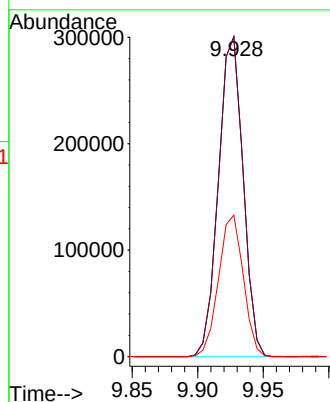
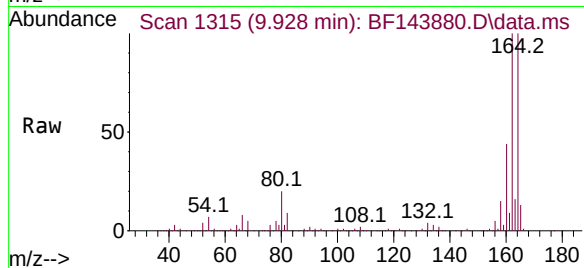
Tgt Ion:164 Resp: 393762

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 44.2 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.187 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:216 Resp: 491771

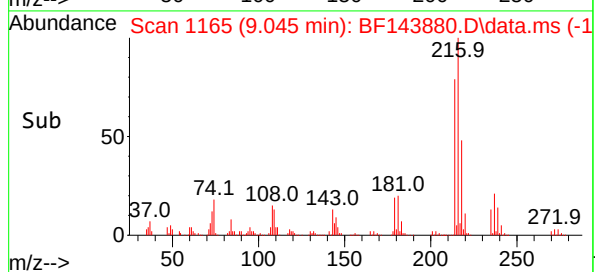
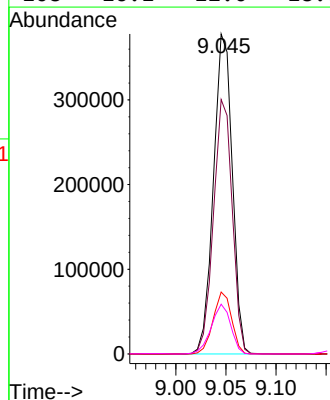
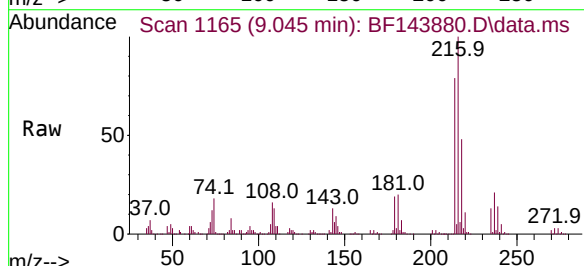
Ion Ratio Lower Upper

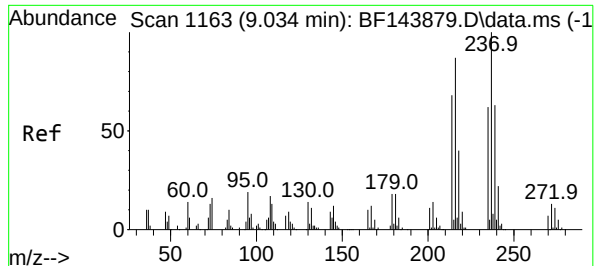
216 100

214 79.2 62.6 94.0

179 19.0 15.4 23.0

108 16.1 12.0 18.0

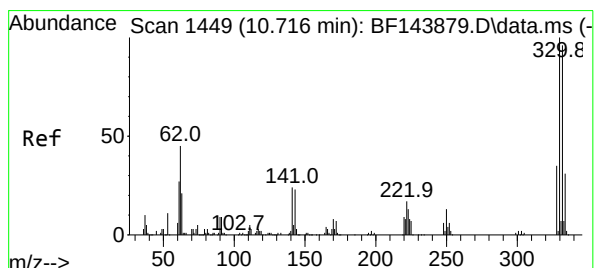
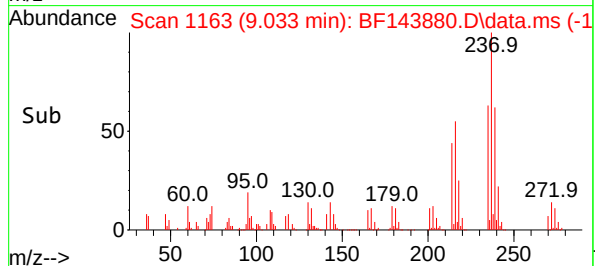
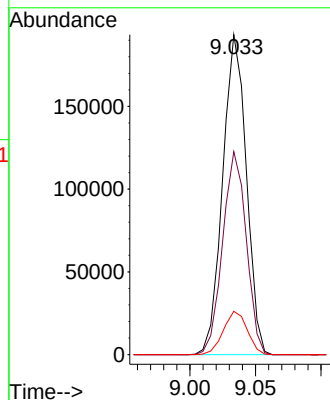
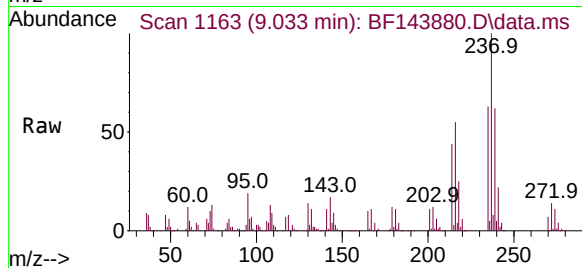




#41
Hexachlorocyclopentadiene
Concen: 53.686 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

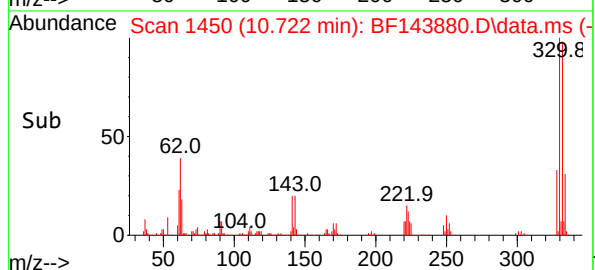
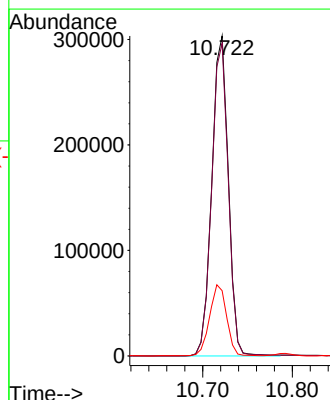
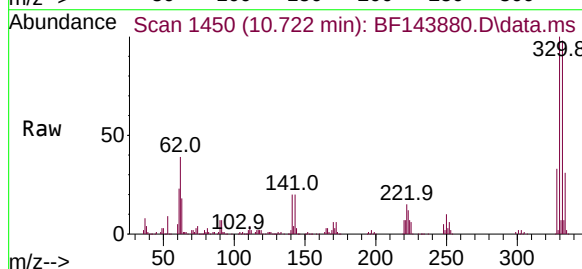
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

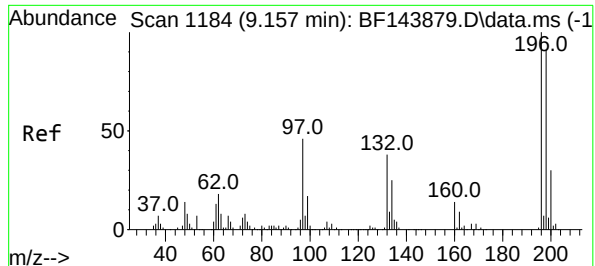
Tgt Ion:237 Resp: 242390
Ion Ratio Lower Upper
237 100
235 63.4 42.3 82.3
272 13.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 99.608 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:330 Resp: 390657
Ion Ratio Lower Upper
330 100
332 98.3 76.9 115.3
141 22.6 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 47.410 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143880.D

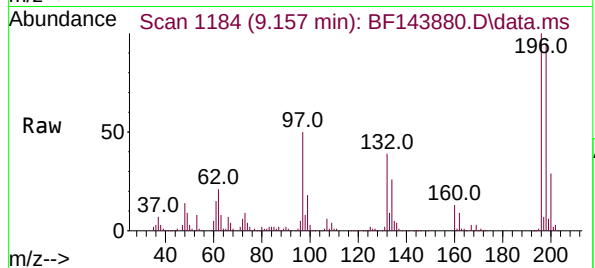
Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



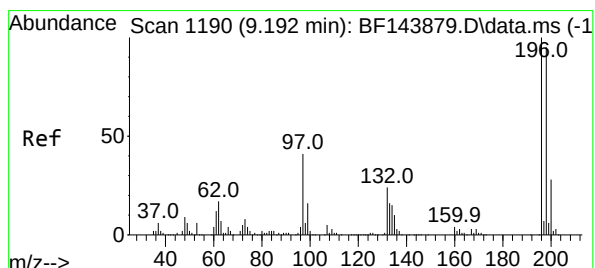
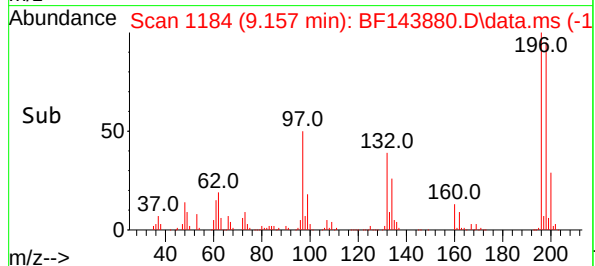
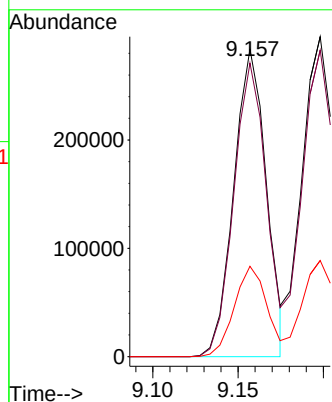
Tgt Ion:196 Resp: 376991

Ion Ratio Lower Upper

196 100

198 95.4 72.8 109.2

200 29.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.031 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Tgt Ion:196 Resp: 395213

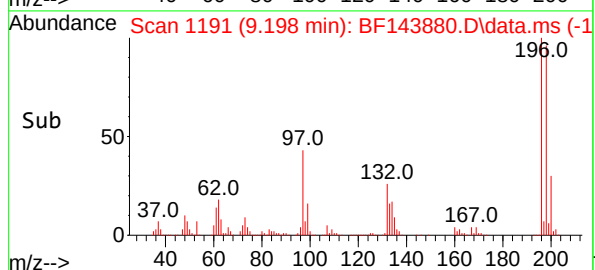
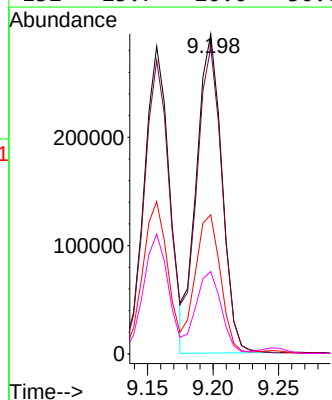
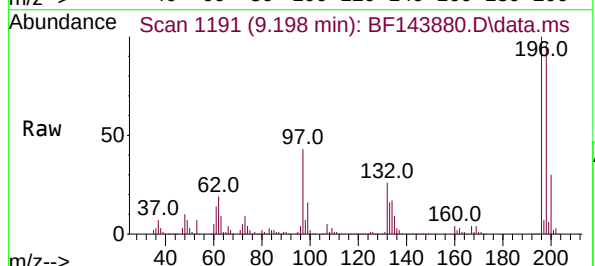
Ion Ratio Lower Upper

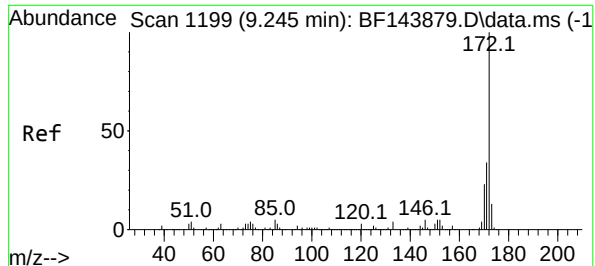
196 100

198 95.8 75.5 113.3

97 43.5 33.9 50.9

132 25.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 78.050 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

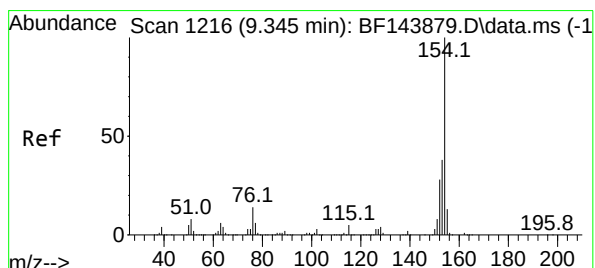
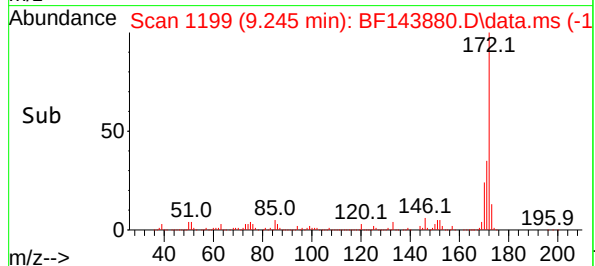
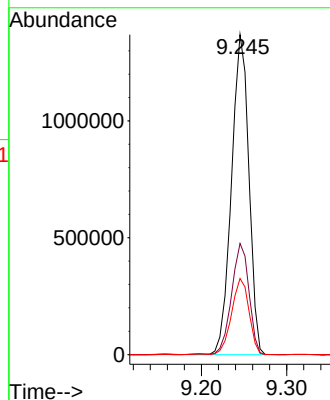
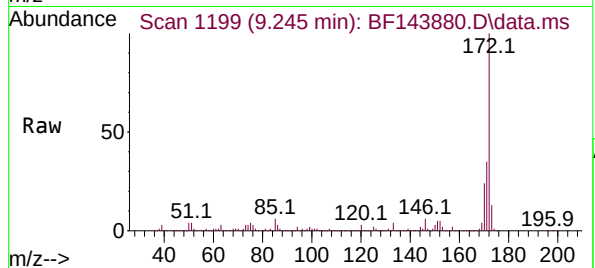
Tgt Ion:172 Resp: 1936883

Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.837 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

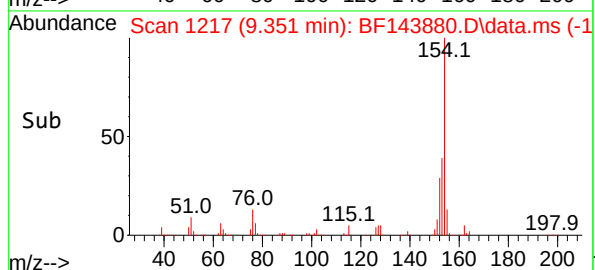
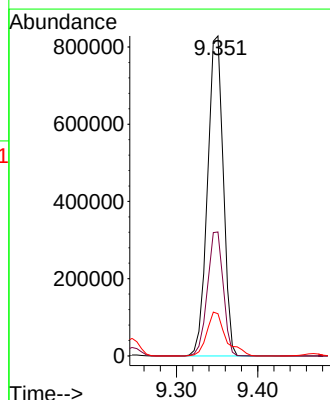
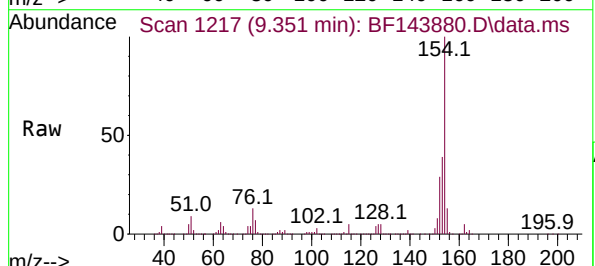
Tgt Ion:154 Resp: 1116775

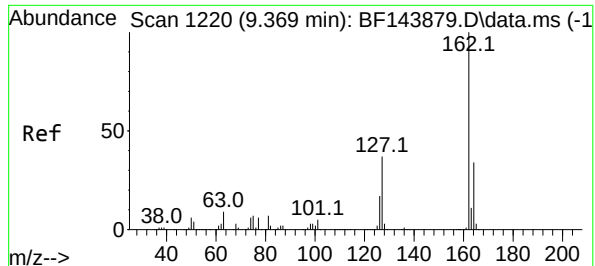
Ion Ratio Lower Upper

154 100

153 38.7 18.4 58.4

76 13.2 0.0 34.0





#47

2-Chloronaphthalene

Concen: 44.748 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

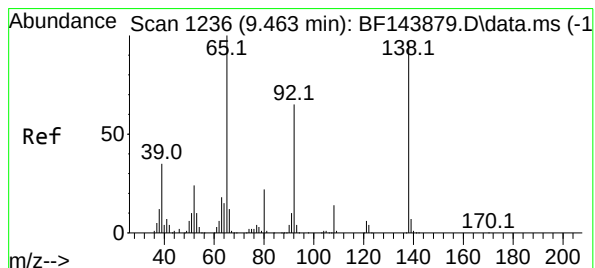
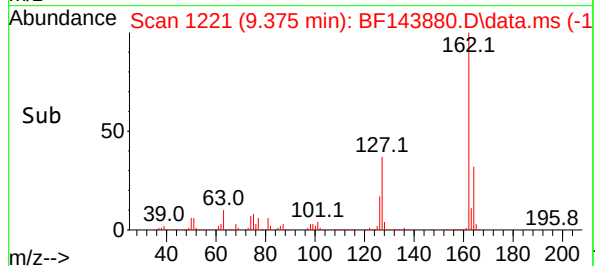
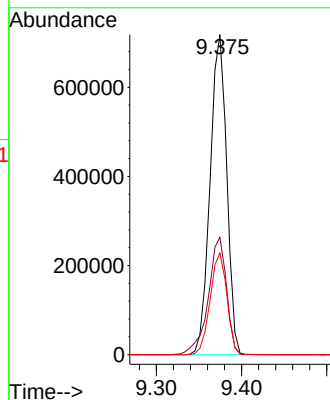
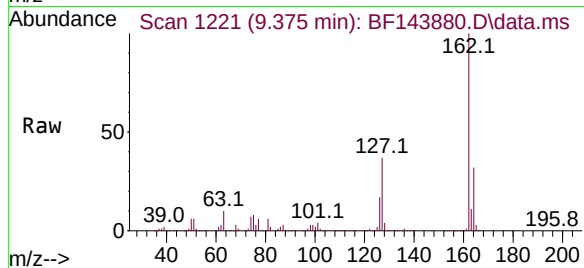
Tgt Ion:162 Resp: 972675

Ion Ratio Lower Upper

162 100

127 36.7 30.2 45.2

164 31.8 26.9 40.3



#48

2-Nitroaniline

Concen: 50.665 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

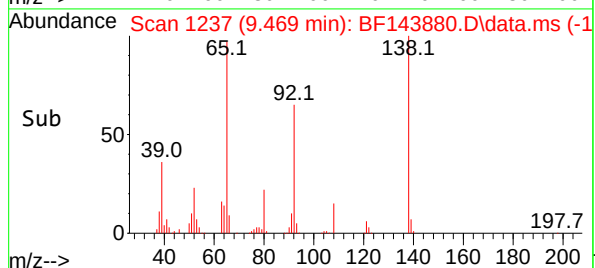
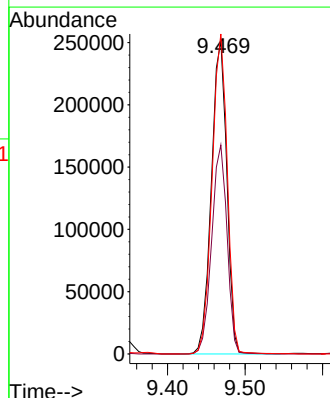
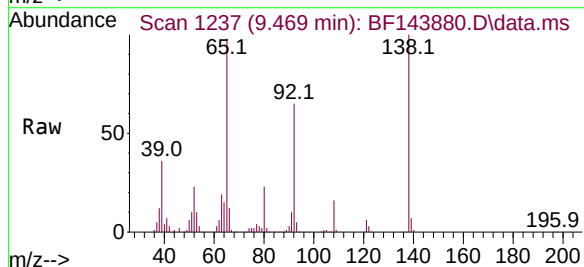
Tgt Ion: 65 Resp: 348179

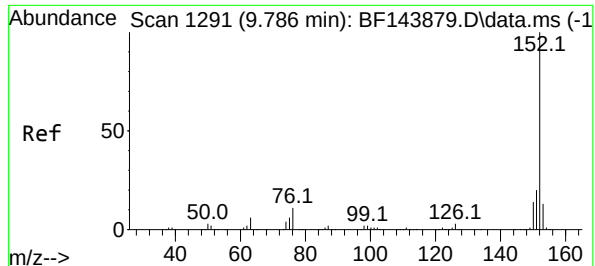
Ion Ratio Lower Upper

65 100

92 66.8 52.1 78.1

138 102.3 77.4 116.2





#49

Acenaphthylene

Concen: 44.642 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

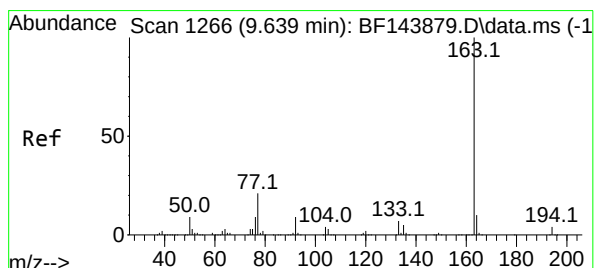
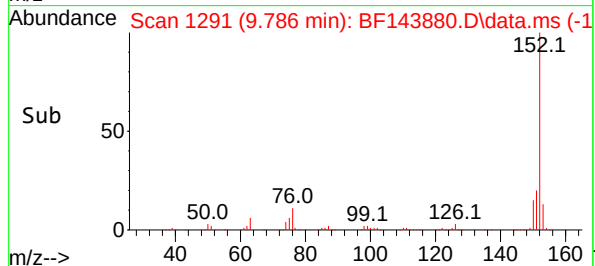
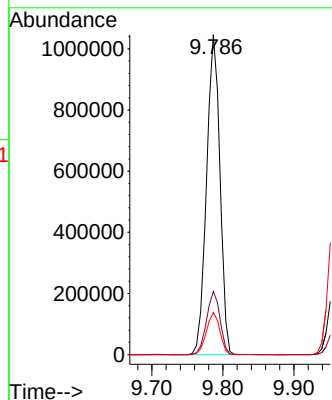
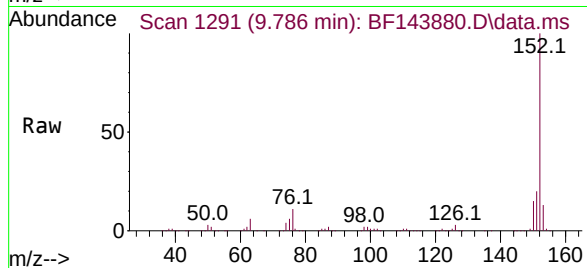
Tgt Ion:152 Resp: 1364193

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 45.888 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

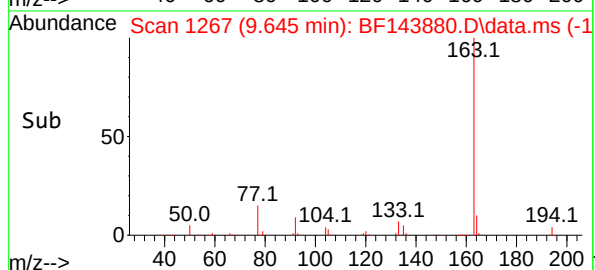
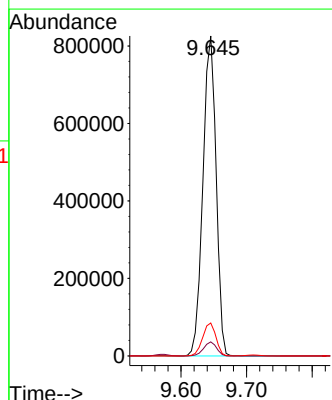
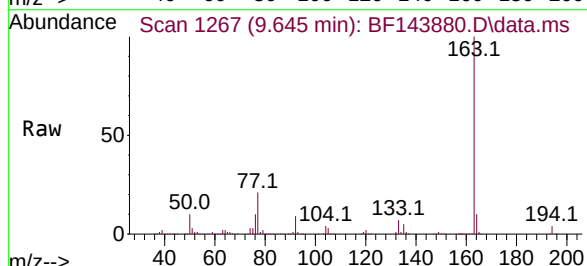
Tgt Ion:163 Resp: 1147448

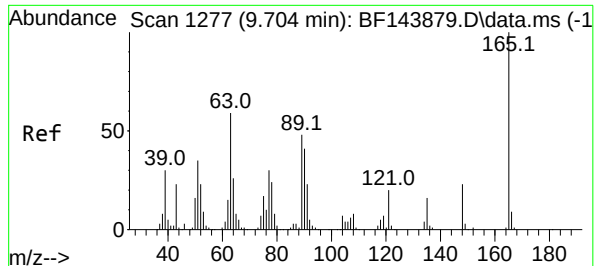
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1

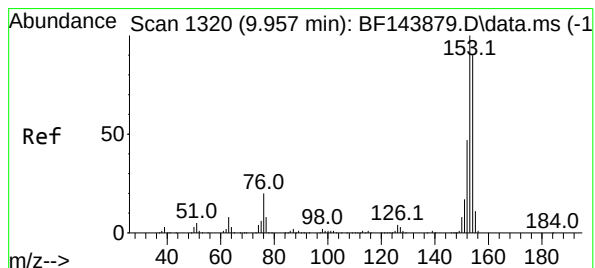
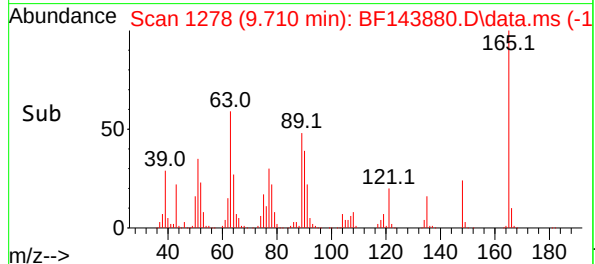
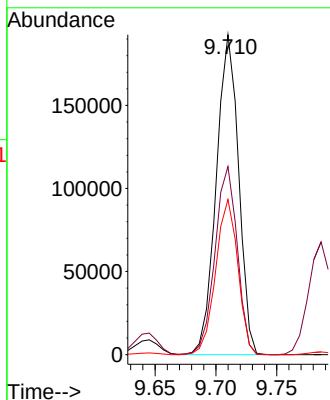
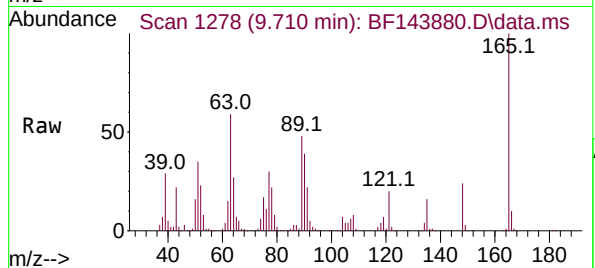




#51
2,6-Dinitrotoluene
Concen: 53.176 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

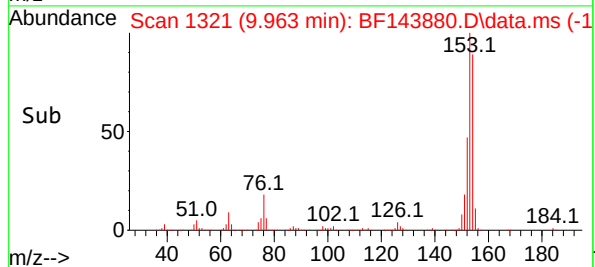
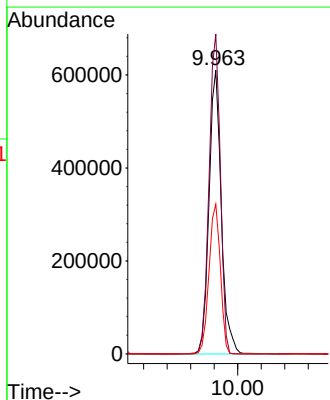
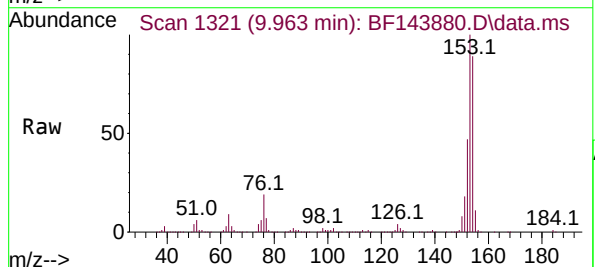
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

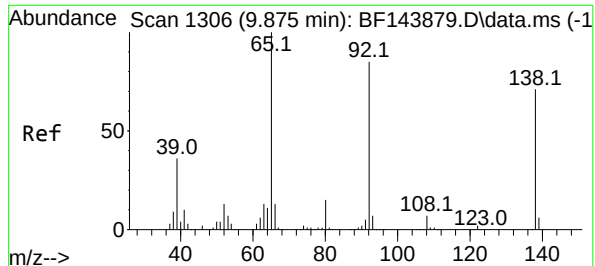
Tgt Ion:165 Resp: 246567
Ion Ratio Lower Upper
165 100
63 58.8 47.3 70.9
89 48.5 38.2 57.4



#52
Acenaphthene
Concen: 44.122 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:154 Resp: 883487
Ion Ratio Lower Upper
154 100
153 112.8 89.3 133.9
152 52.7 42.2 63.2

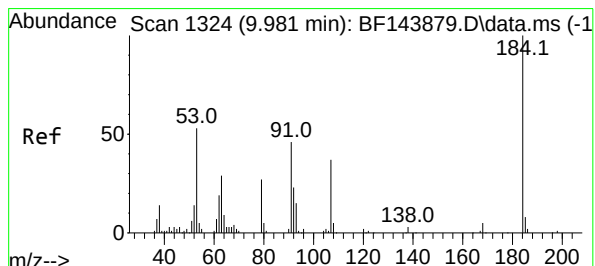
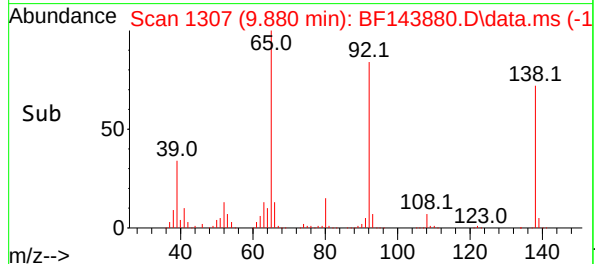
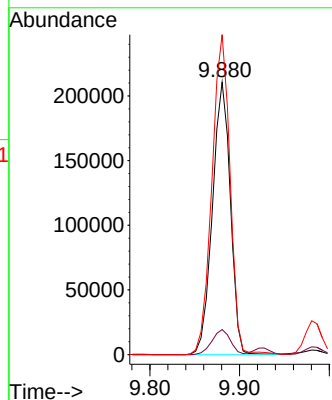
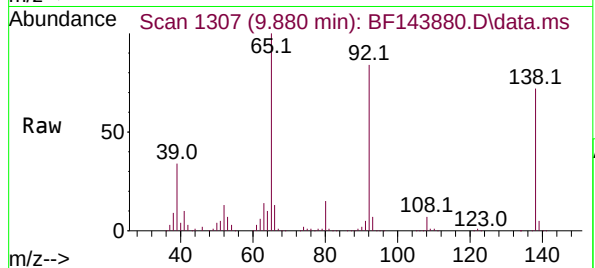




#53
3-Nitroaniline
Concen: 51.366 ng
RT: 9.880 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

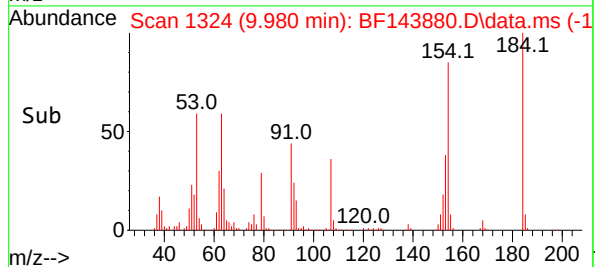
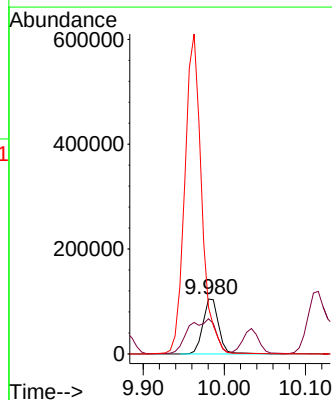
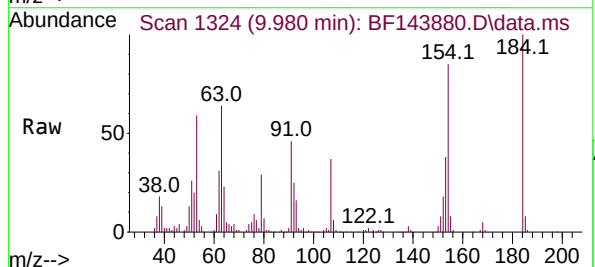
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

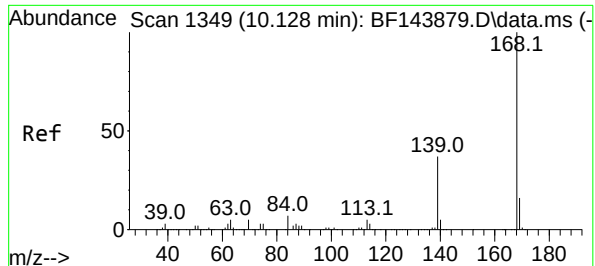
Tgt Ion:138 Resp: 291630
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 117.5 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 51.801 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:184 Resp: 140496
Ion Ratio Lower Upper
184 100
63 64.1 48.2 72.4
154 84.8 49.2 73.8#





#55

Dibenzofuran

Concen: 43.625 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

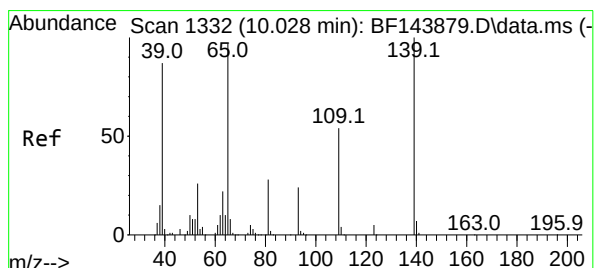
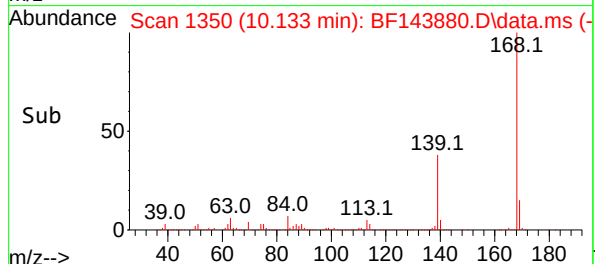
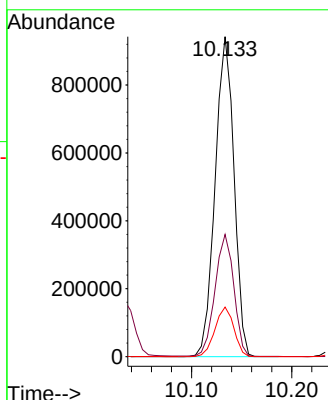
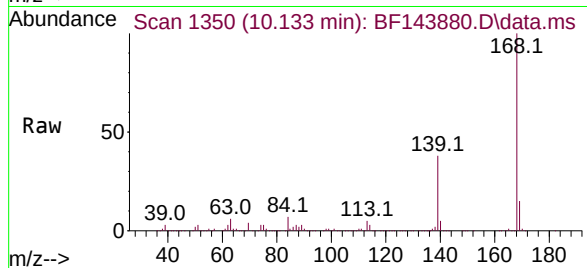
Tgt Ion:168 Resp: 1233091

Ion Ratio Lower Upper

168 100

139 38.2 29.8 44.8

169 15.5 12.8 19.2



#56

4-Nitrophenol

Concen: 52.750 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

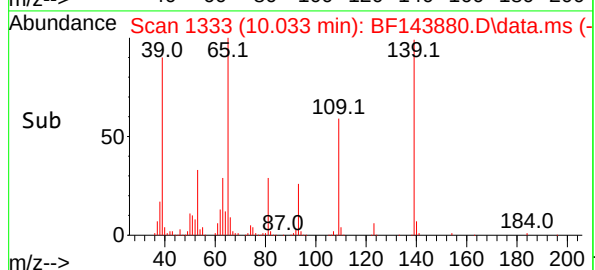
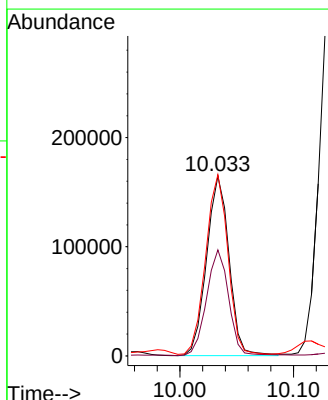
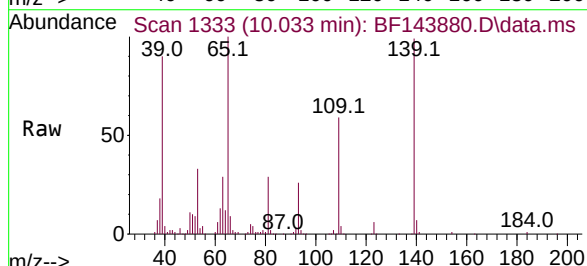
Tgt Ion:139 Resp: 226765

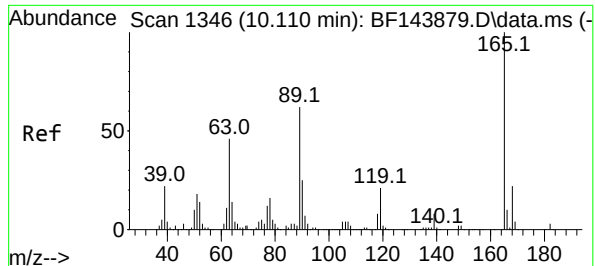
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 100.7 77.6 117.6

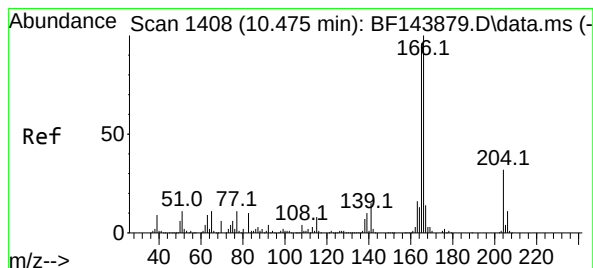
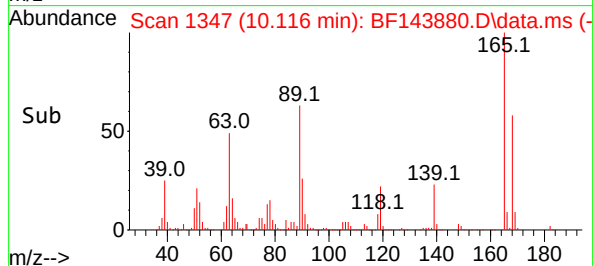
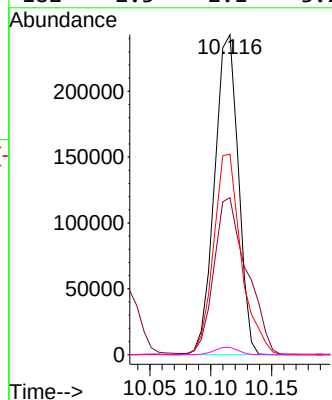
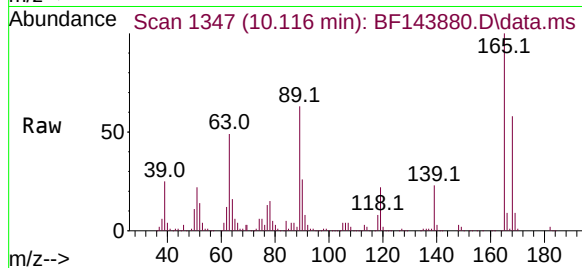




#57
2,4-Dinitrotoluene
Concen: 52.304 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

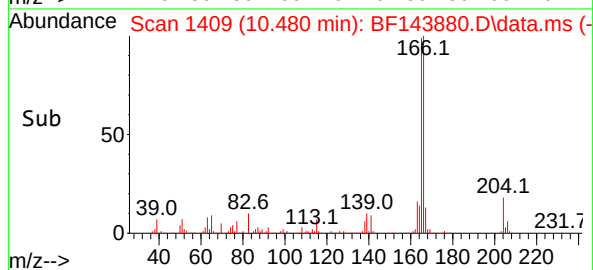
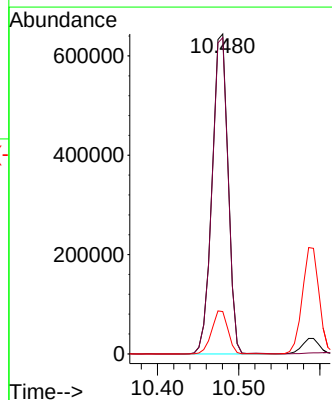
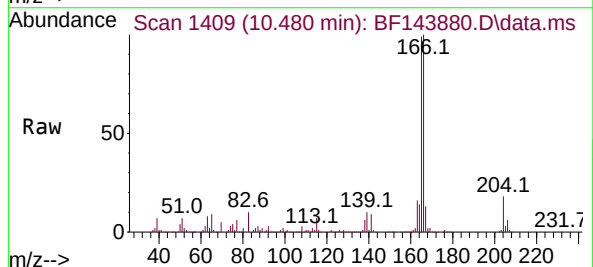
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

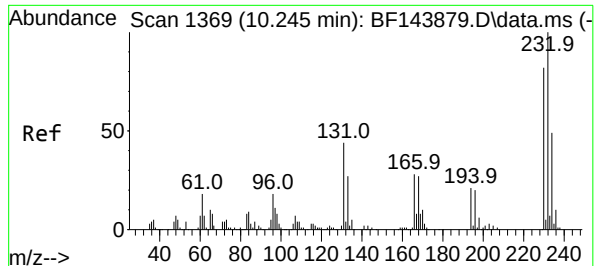
Tgt Ion:165 Resp: 329984
Ion Ratio Lower Upper
165 100
63 49.0 37.2 55.8
89 62.6 49.4 74.2
182 2.3 2.1 3.1



#58
Fluorene
Concen: 41.398 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:166 Resp: 882946
Ion Ratio Lower Upper
166 100
165 98.8 77.0 115.6
167 13.2 11.1 16.7

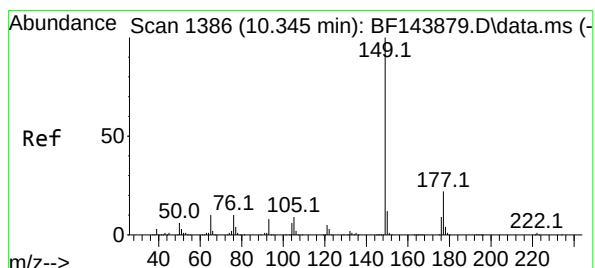
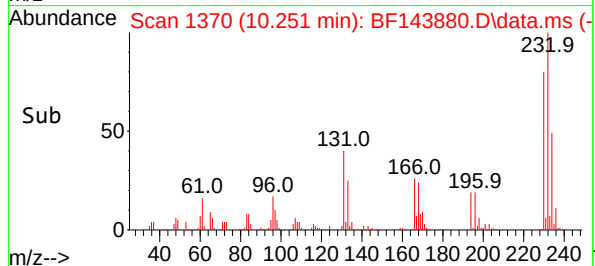
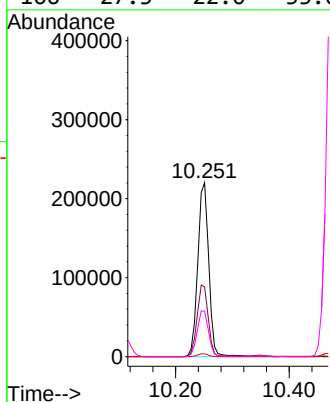
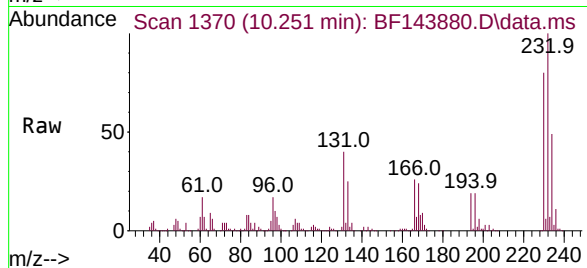




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.591 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

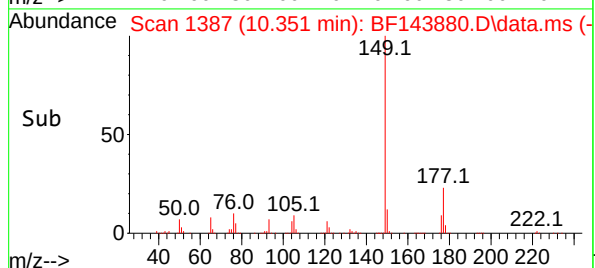
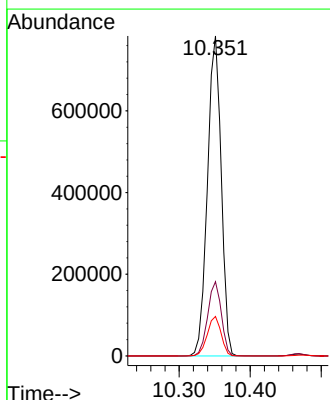
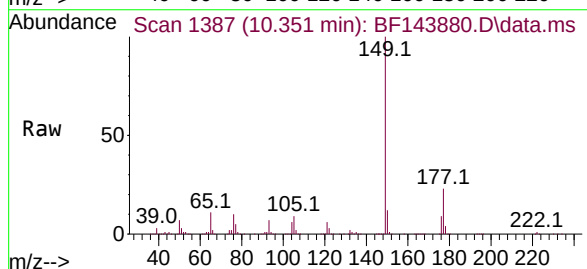
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

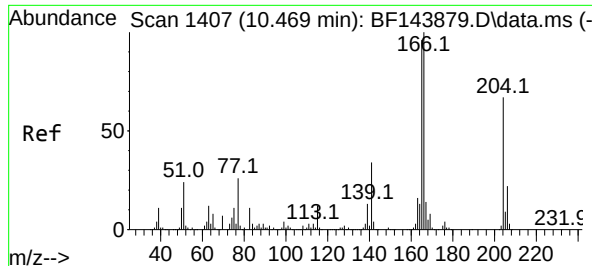
Tgt Ion:232 Resp: 294987
Ion Ratio Lower Upper
232 100
131 41.7 34.9 52.3
130 1.6 1.6 2.4#
166 27.3 22.0 33.0



#60
Diethylphthalate
Concen: 45.330 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 1053032
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.3 9.8 14.8

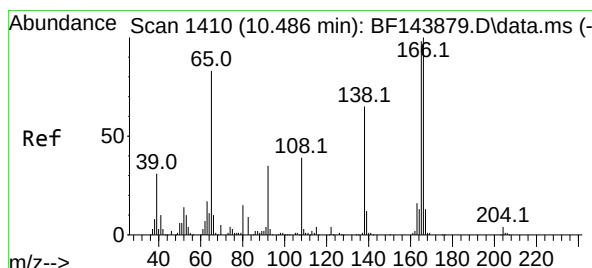
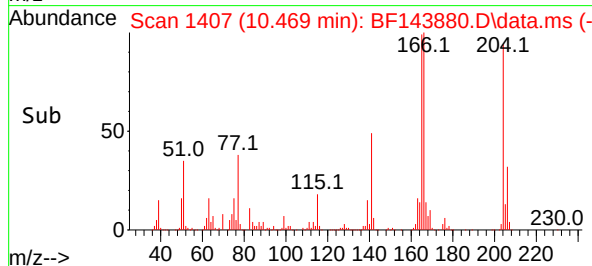
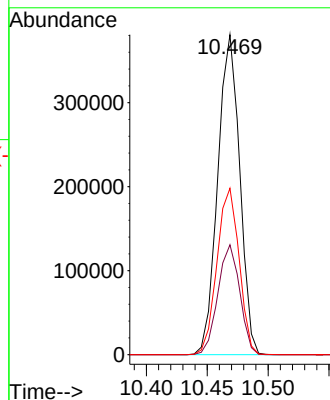
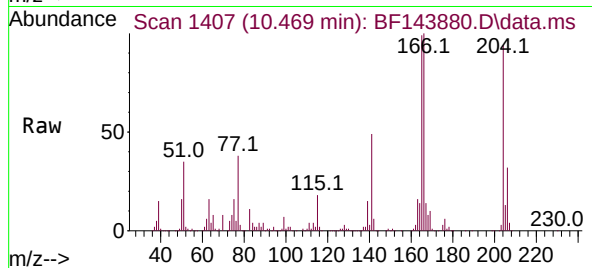




#61
4-Chlorophenyl-phenylether
Concen: 42.311 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

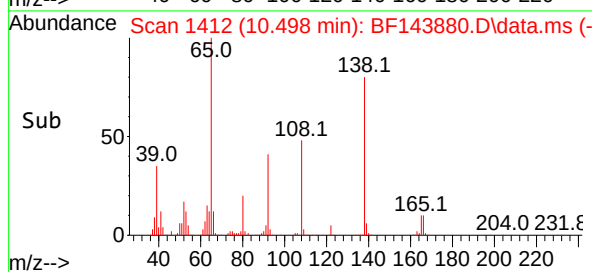
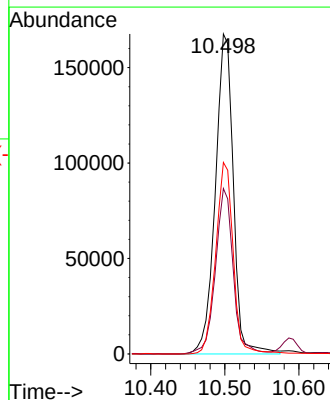
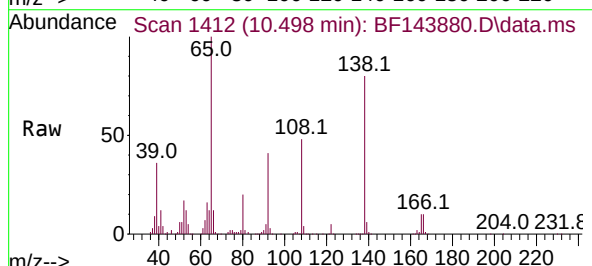
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

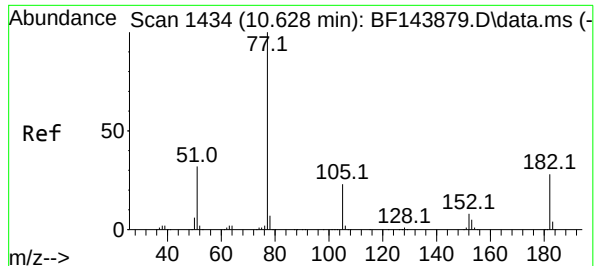
Tgt Ion:204 Resp: 477108
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 52.0 40.4 60.6



#62
4-Nitroaniline
Concen: 51.782 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:138 Resp: 282713
Ion Ratio Lower Upper
138 100
92 51.7 33.9 73.9
108 59.8 40.2 80.2

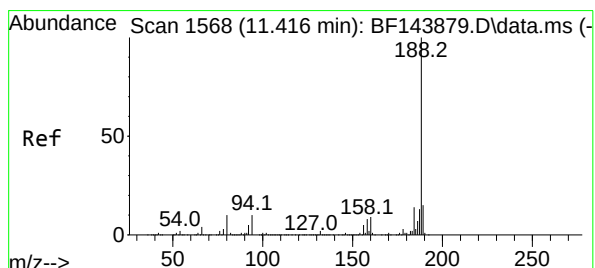
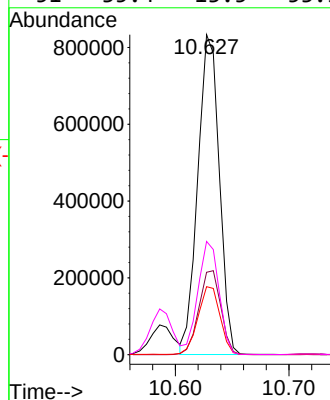
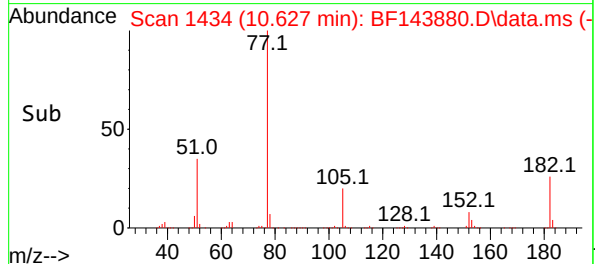
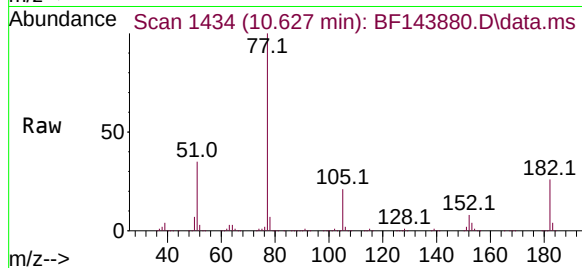




#63
Azobenzene
Concen: 45.178 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

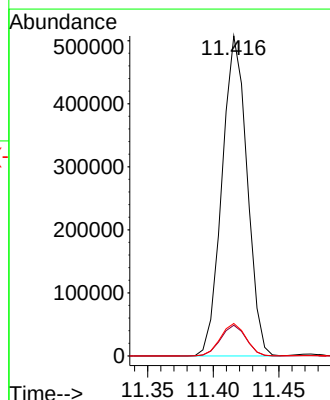
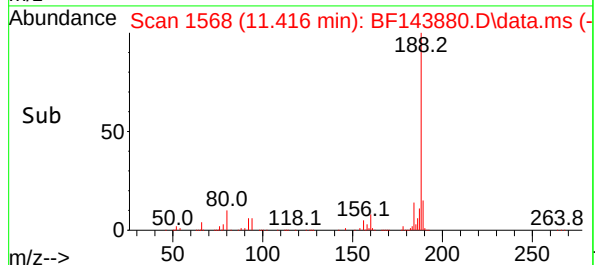
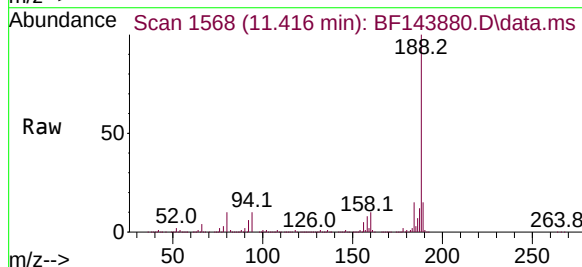
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

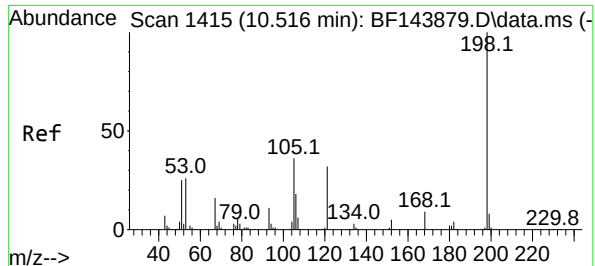
Tgt Ion: 77 Resp: 1096875
Ion Ratio Lower Upper
77 100
182 25.7 7.3 47.3
105 21.2 3.0 43.0
51 35.4 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:188 Resp: 674807
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.1 7.9 11.9

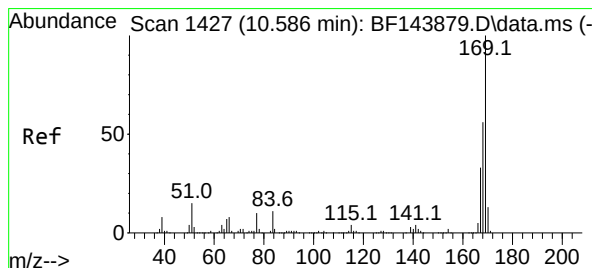
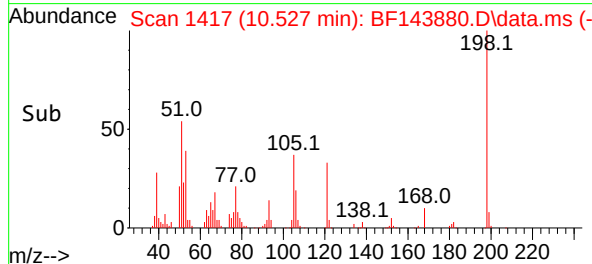
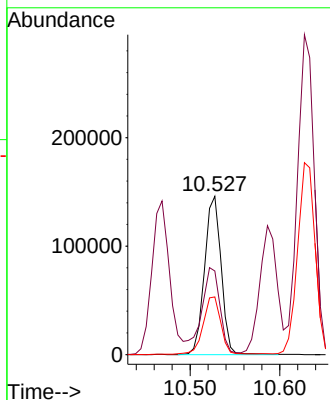
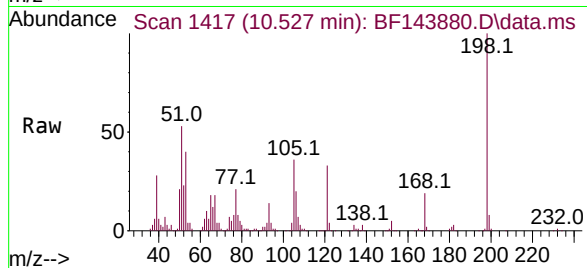




#65
4,6-Dinitro-2-methylphenol
Concen: 55.558 ng
RT: 10.527 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

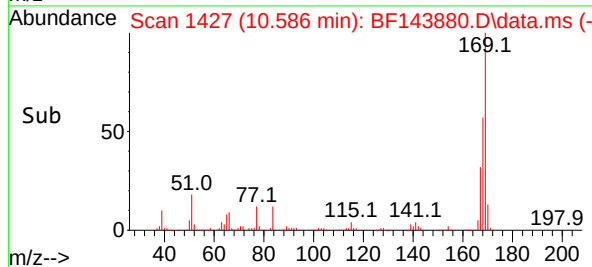
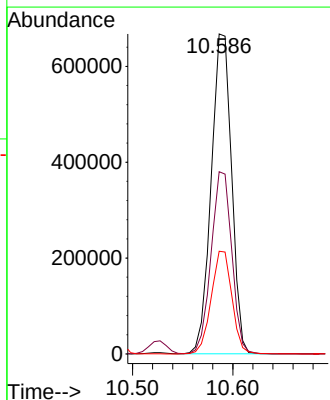
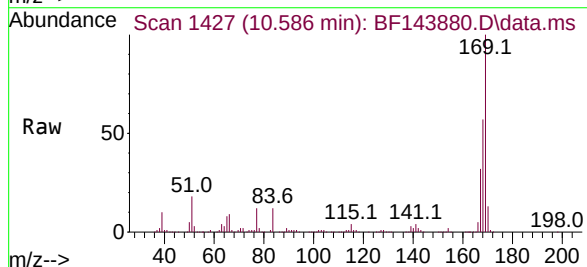
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

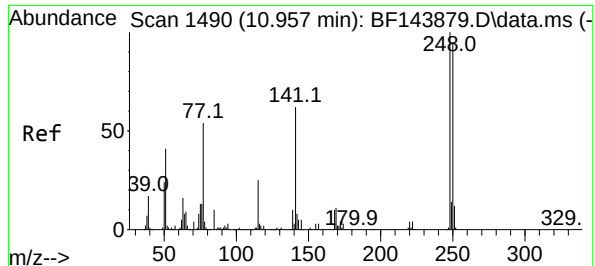
Tgt Ion:198 Resp: 188400
Ion Ratio Lower Upper
198 100
51 52.8 33.8 73.8
105 36.4 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 44.552 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:169 Resp: 943991
Ion Ratio Lower Upper
169 100
168 56.9 44.9 67.3
167 32.1 26.3 39.5

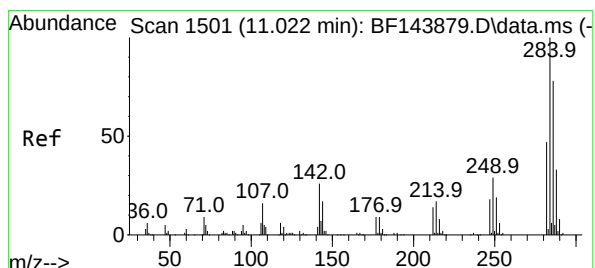
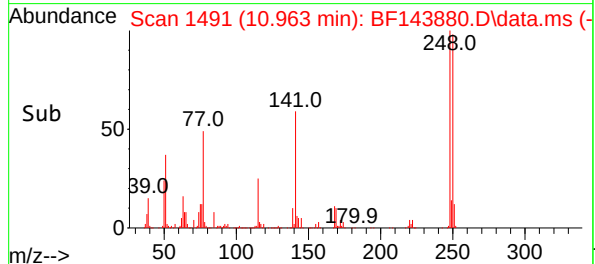
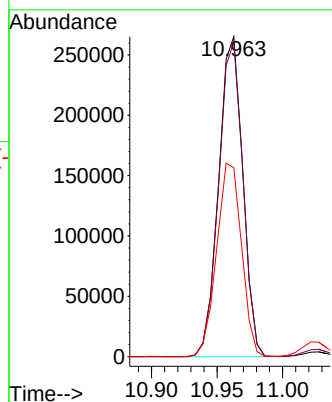
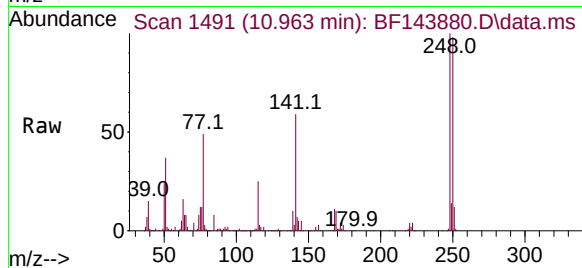




#67
4-Bromophenyl-phenylether
Concen: 45.566 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

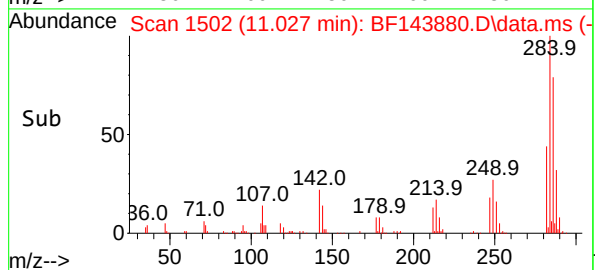
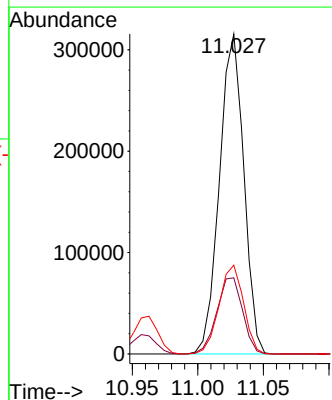
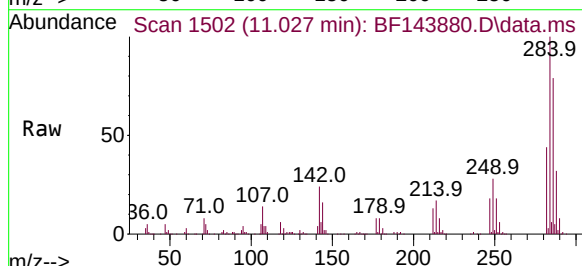
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

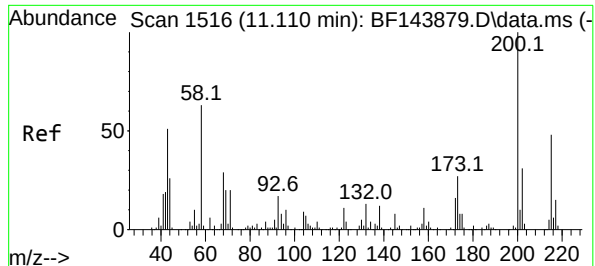
Tgt Ion:248 Resp: 339818
Ion Ratio Lower Upper
248 100
250 98.4 76.3 114.5
141 59.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 47.211 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:284 Resp: 407614
Ion Ratio Lower Upper
284 100
142 23.8 20.6 30.8
249 27.7 23.2 34.8





#69

Atrazine

Concen: 48.240 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

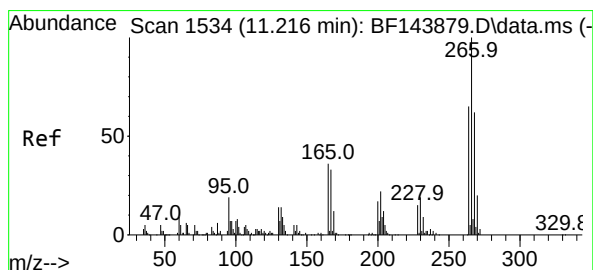
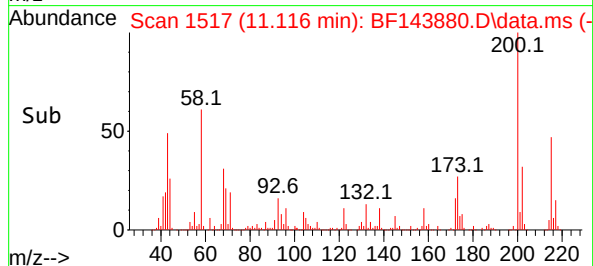
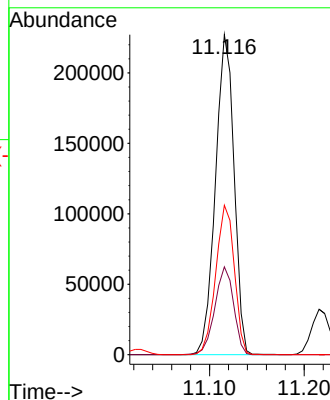
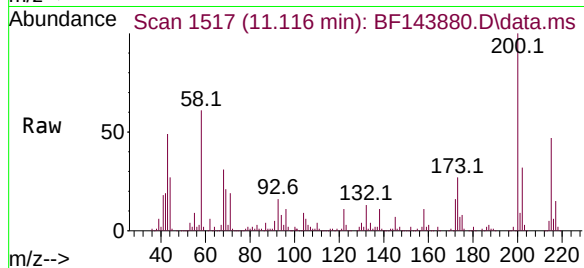
Tgt Ion:200 Resp: 309799

Ion Ratio Lower Upper

200 100

173 27.5 7.0 47.0

215 46.7 27.8 67.8



#70

Pentachlorophenol

Concen: 52.304 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

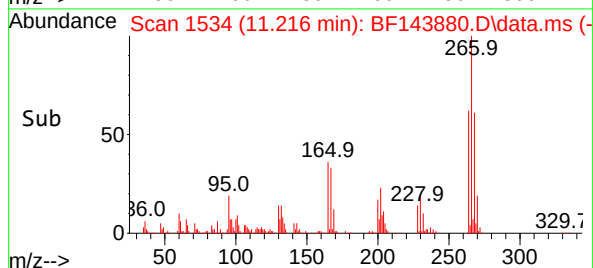
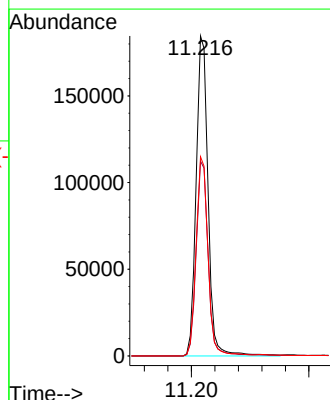
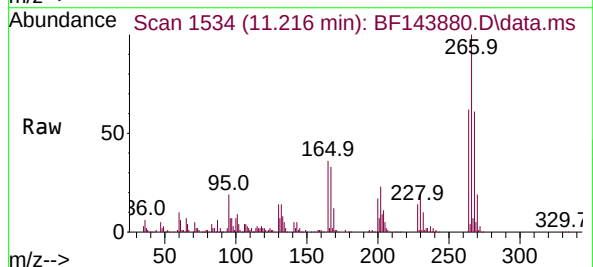
Tgt Ion:266 Resp: 259359

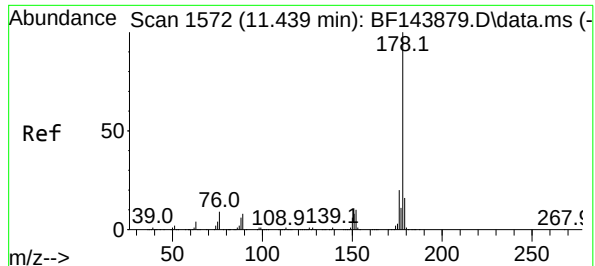
Ion Ratio Lower Upper

266 100

268 60.8 49.4 74.0

264 62.2 51.8 77.6

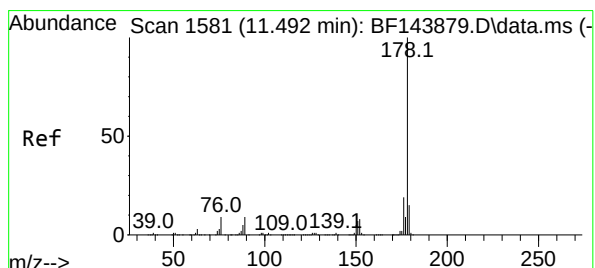
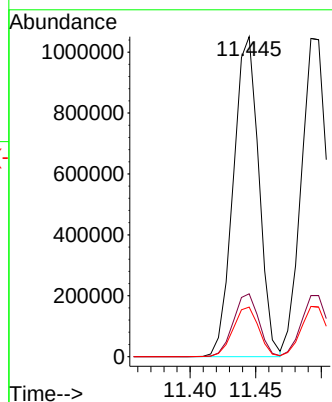
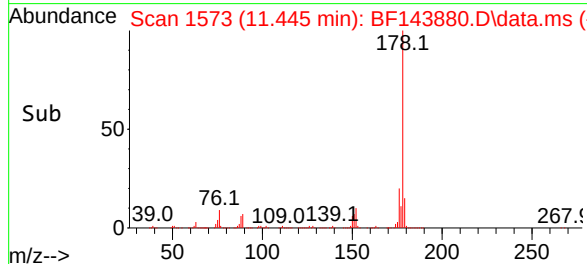
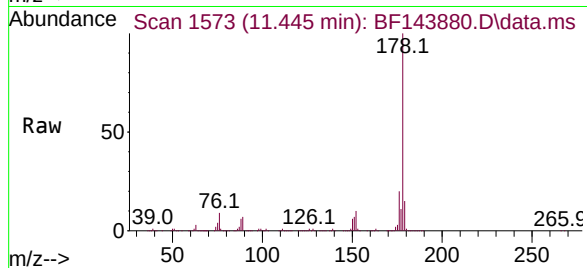




#71
Phenanthrene
Concen: 43.395 ng
RT: 11.445 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

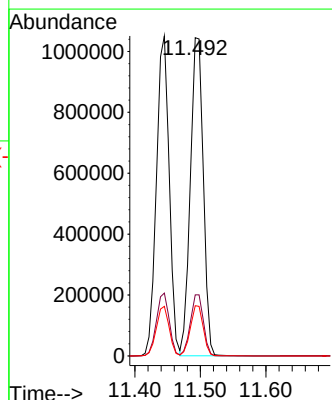
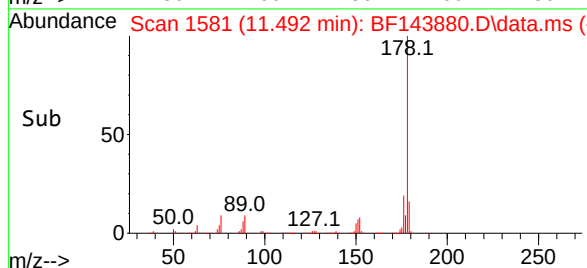
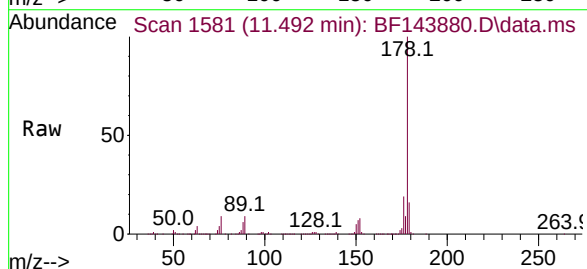
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

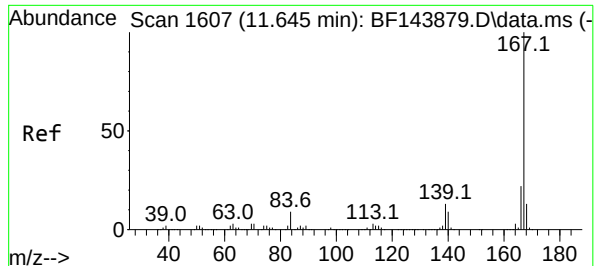
Tgt Ion:178 Resp: 1419666
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.5 12.4 18.6



#72
Anthracene
Concen: 43.583 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

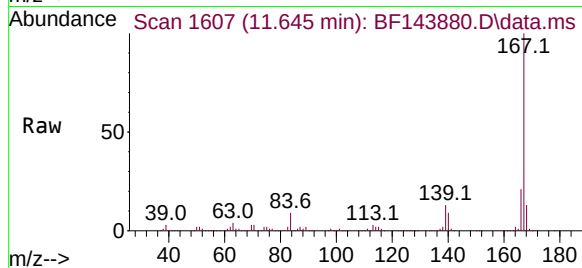
Tgt Ion:178 Resp: 1440404
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 15.8 12.2 18.2



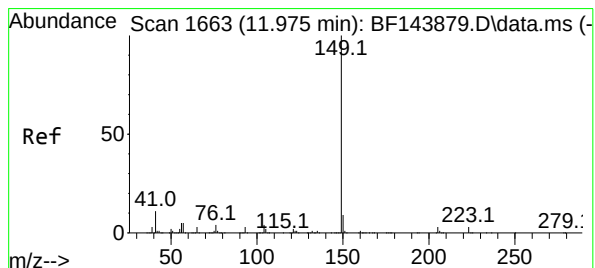
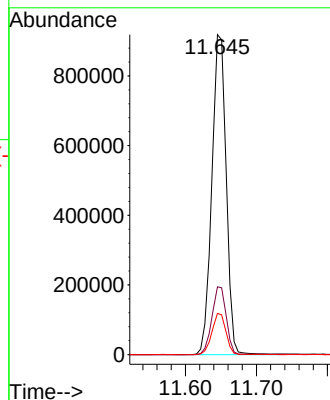
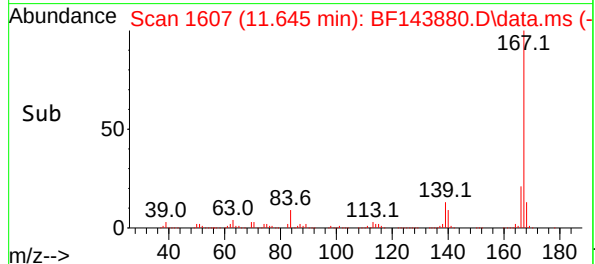


#73
Carbazole
Concen: 44.139 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

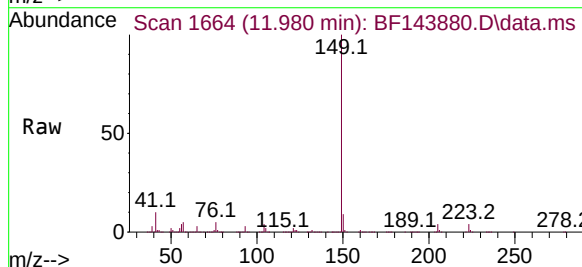
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



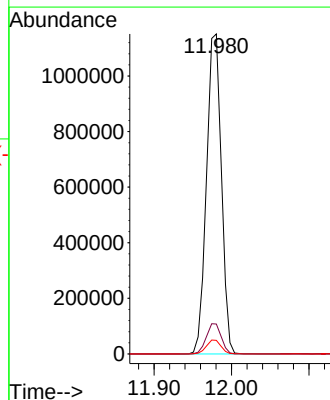
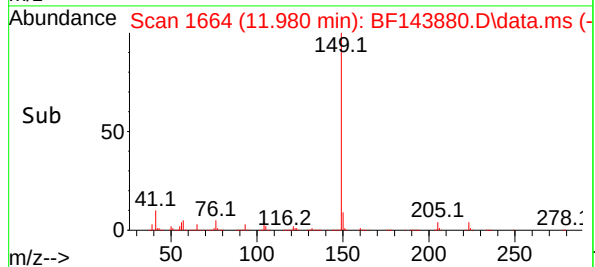
Tgt Ion:167 Resp: 1291982
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.9 10.1 15.1

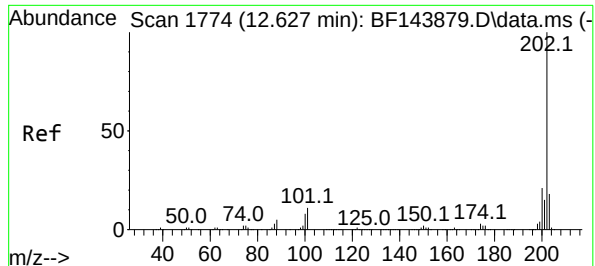


#74
Di-n-butylphthalate
Concen: 45.246 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23



Tgt Ion:149 Resp: 1534951
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.2 3.4 5.2

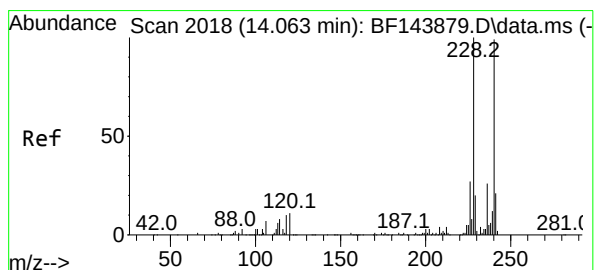
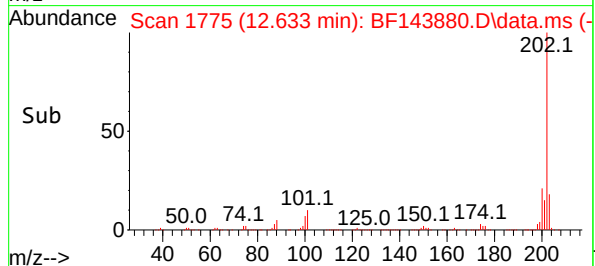
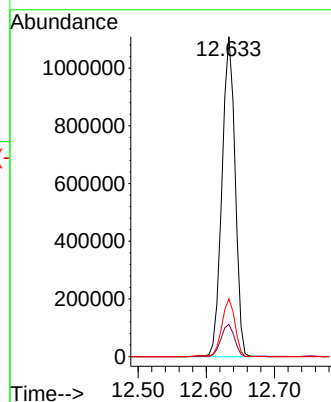
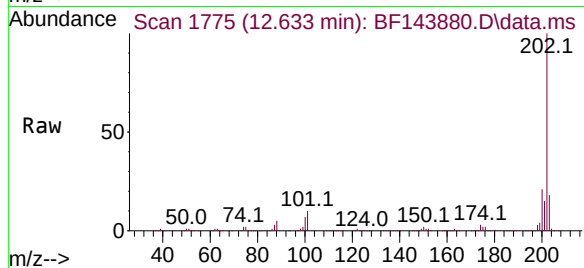




#75
Fluoranthene
Concen: 43.744 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

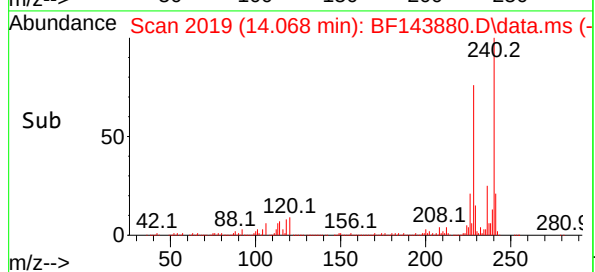
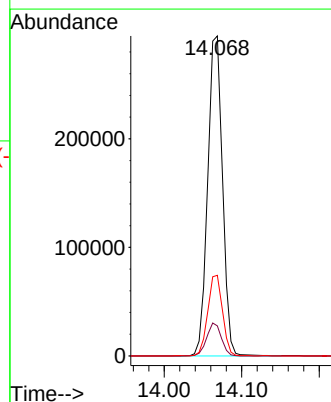
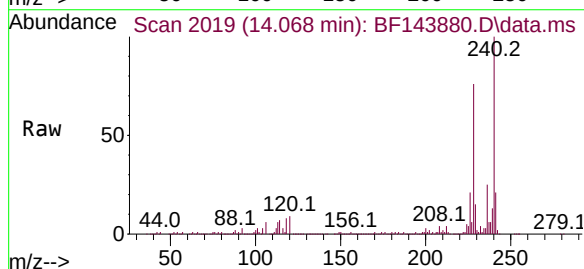
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

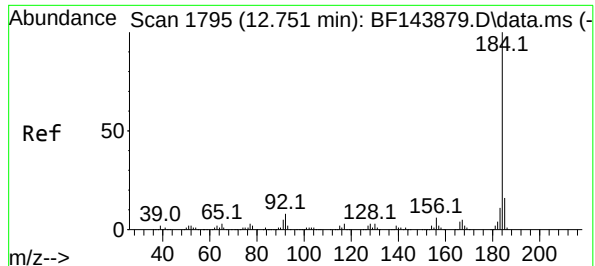
Tgt Ion:202 Resp: 1478181
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.7
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:240 Resp: 390779
Ion Ratio Lower Upper
240 100
120 9.4 8.6 13.0
236 25.2 21.1 31.7





#77

Benzidine

Concen: 46.882 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

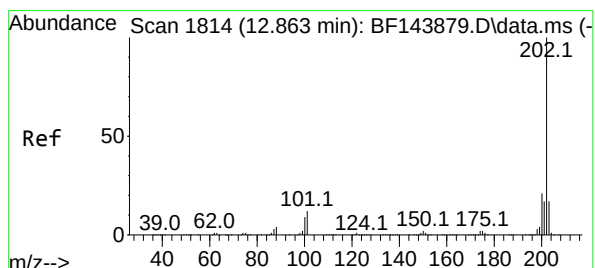
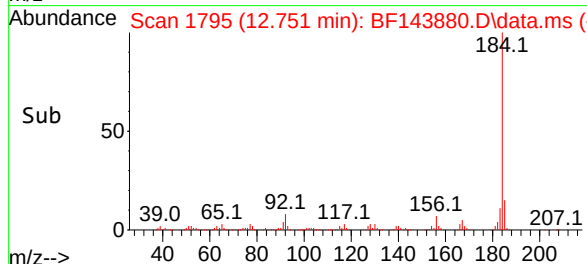
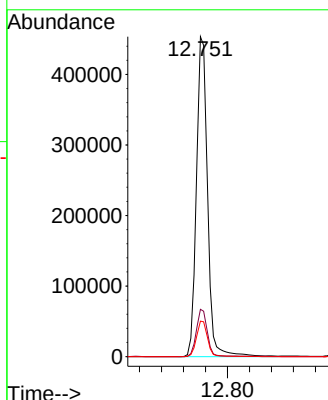
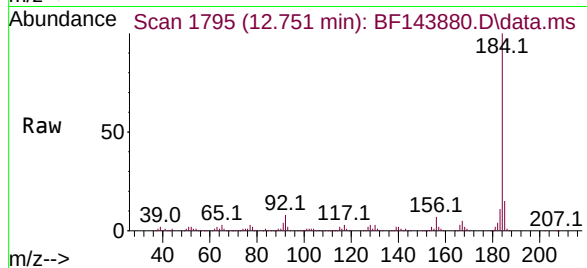
Tgt Ion:184 Resp: 636126

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

183 11.1 8.8 13.2



#78

Pyrene

Concen: 46.206 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

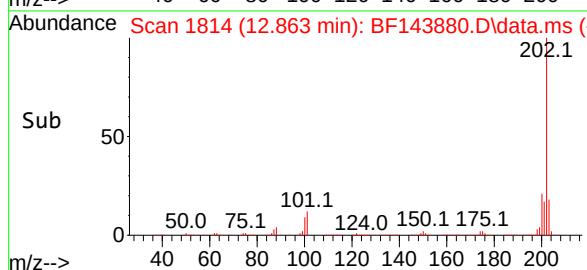
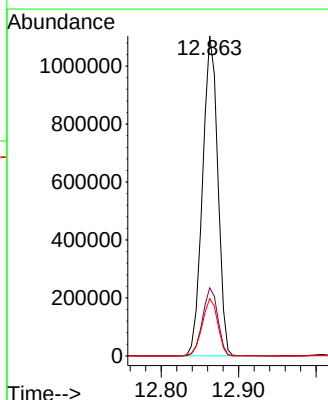
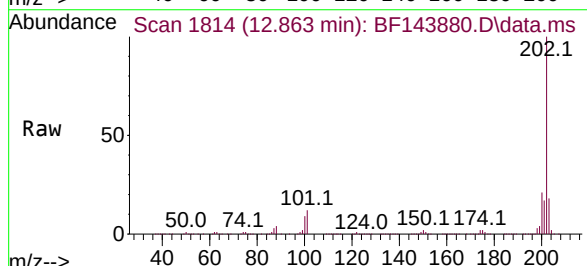
Tgt Ion:202 Resp: 1505326

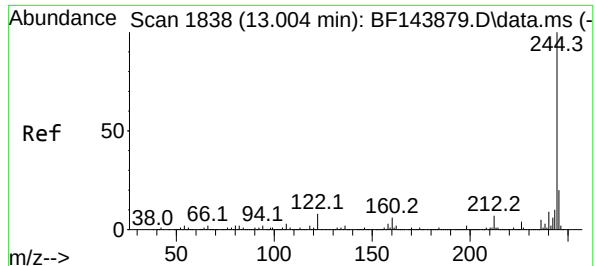
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.9 13.8 20.6





#79

Terphenyl-d14

Concen: 91.121 ng

RT: 13.010 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

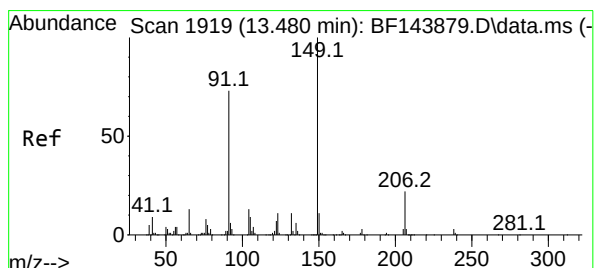
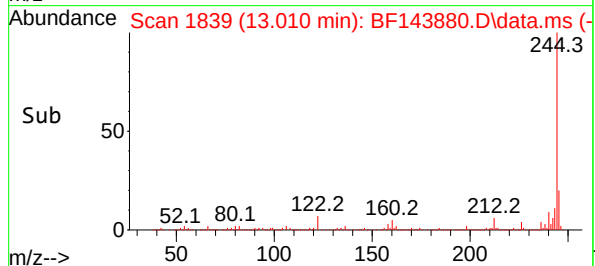
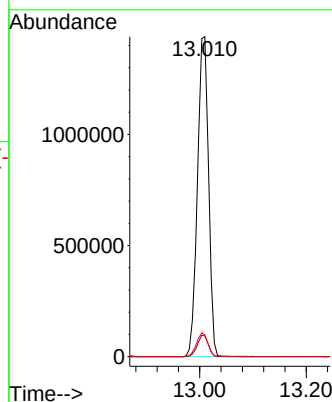
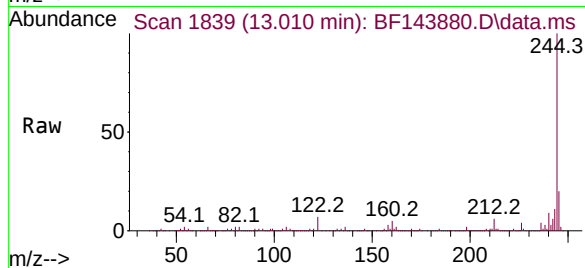
Tgt Ion:244 Resp: 2083463

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 6.8 6.4 9.6



#80

Butylbenzylphthalate

Concen: 50.352 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

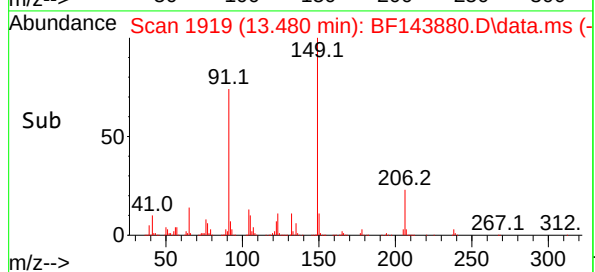
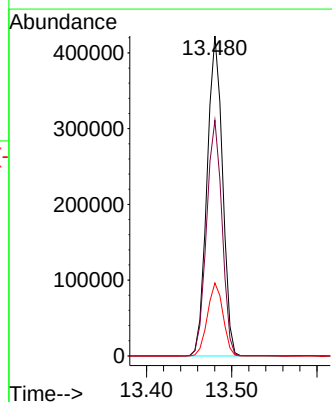
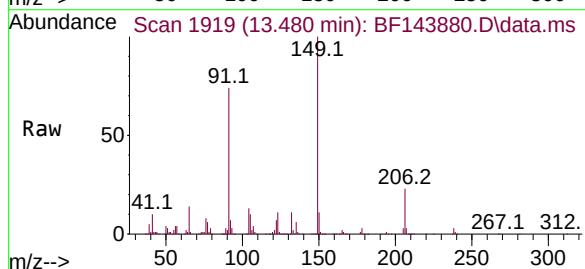
Tgt Ion:149 Resp: 532754

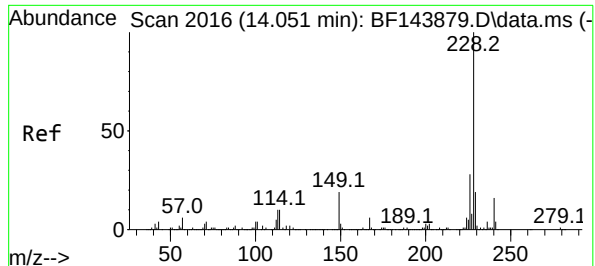
Ion Ratio Lower Upper

149 100

91 73.6 58.2 87.2

206 22.8 17.9 26.9

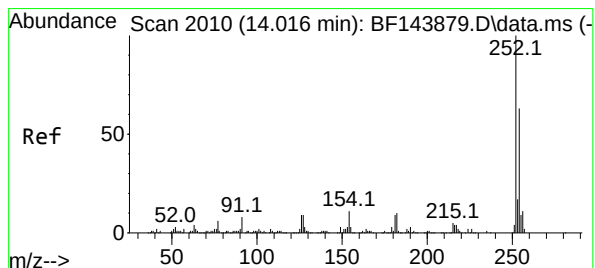
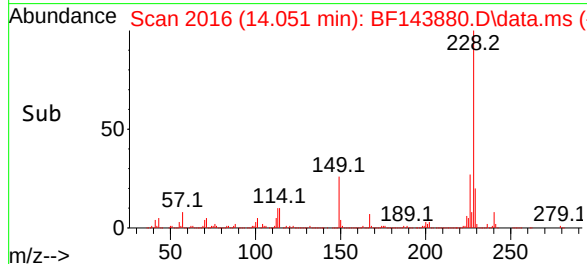
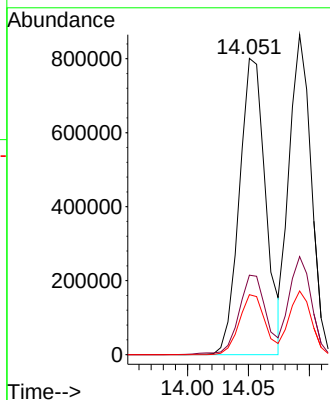
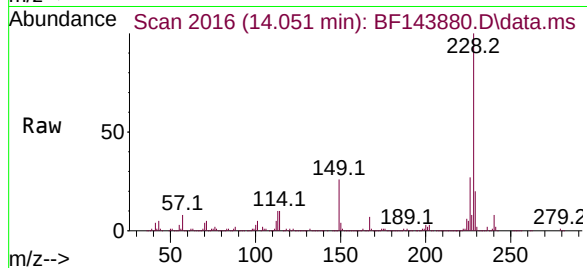




#81
Benzo(a)anthracene
Concen: 47.075 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

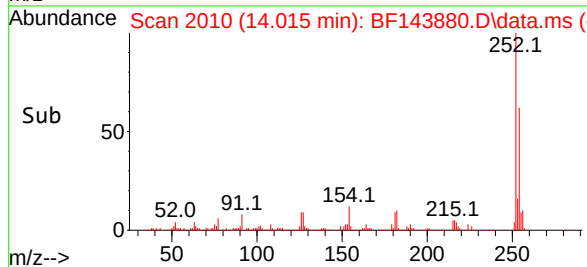
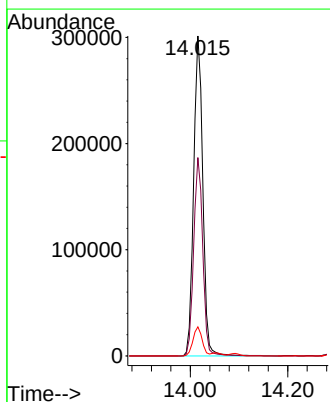
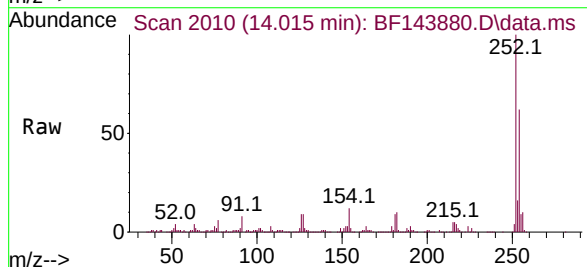
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

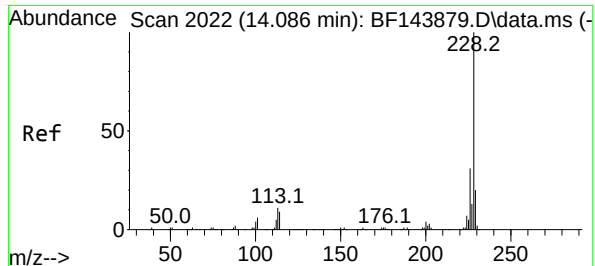
Tgt Ion:228 Resp: 1203843
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 20.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 50.214 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:252 Resp: 391334
Ion Ratio Lower Upper
252 100
254 62.0 50.6 76.0
126 9.1 7.0 10.6

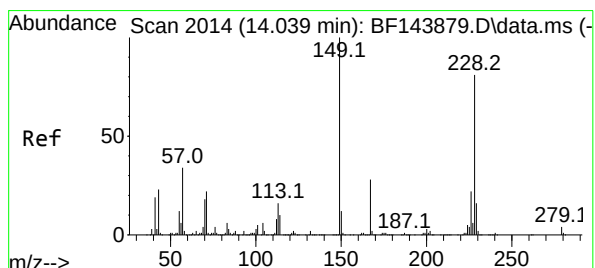
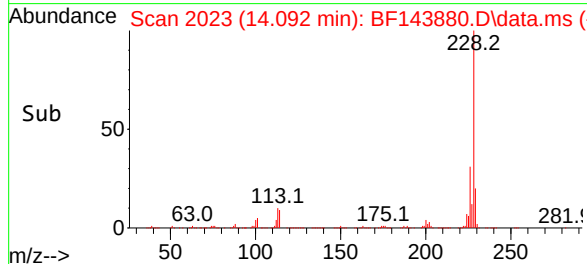
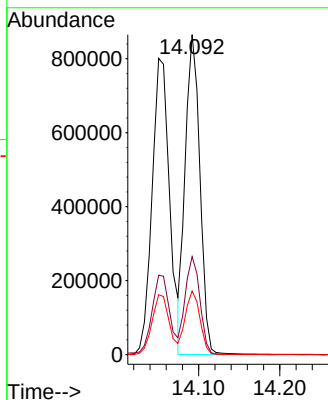
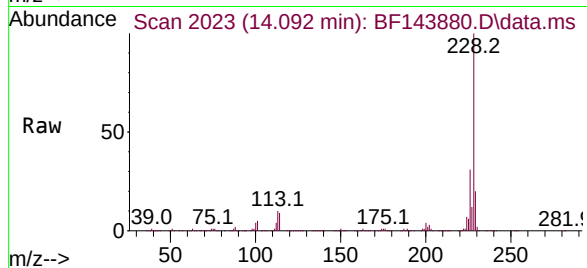




#83
Chrysene
Concen: 46.065 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

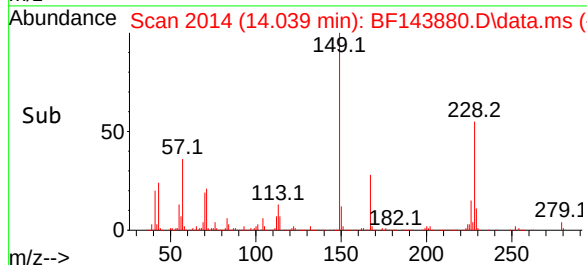
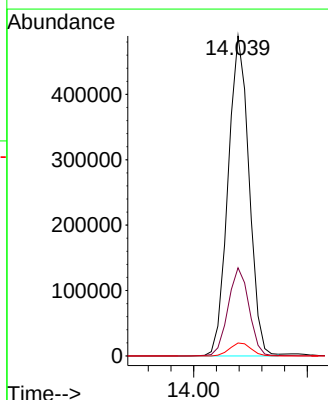
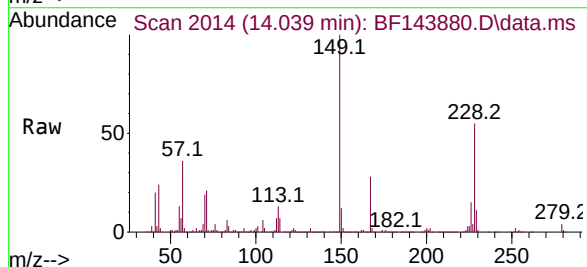
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

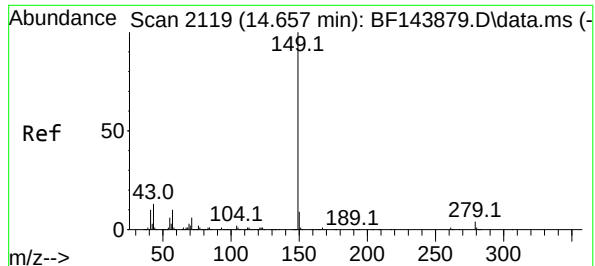
Tgt Ion:228 Resp: 1090275
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.9 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.146 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:149 Resp: 626818
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 4.0 3.1 4.7

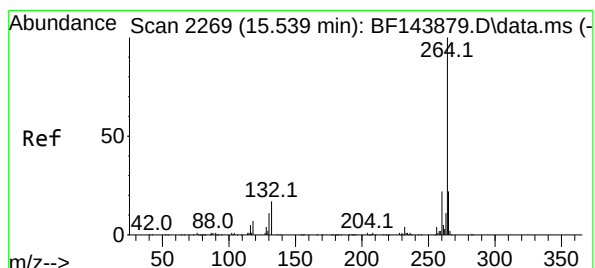
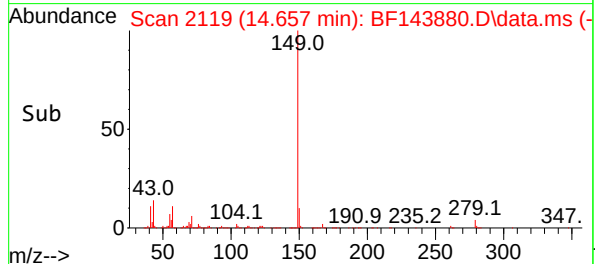
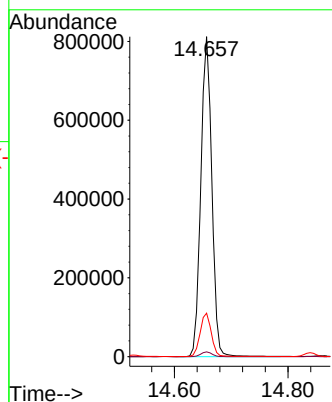
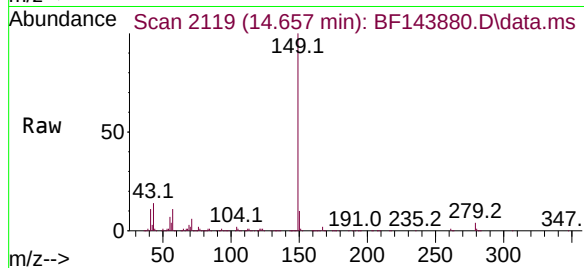




#85
Di-n-octyl phthalate
Concen: 51.691 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

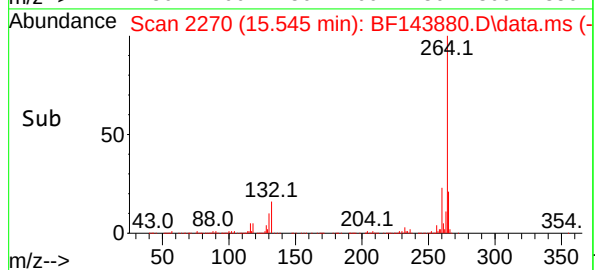
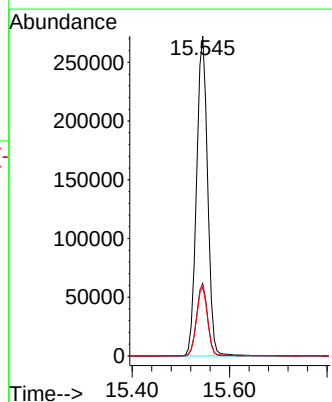
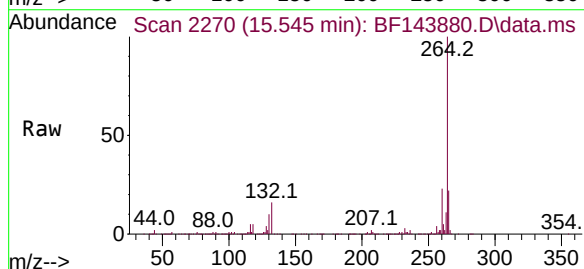
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

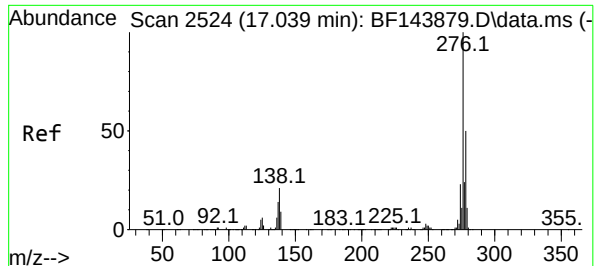
Tgt Ion:149 Resp: 1082833
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.9 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:264 Resp: 426414
Ion Ratio Lower Upper
264 100
260 22.7 17.8 26.8
265 21.6 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.373 ng

RT: 17.045 min Scan# 211

Delta R.T. -0.012 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

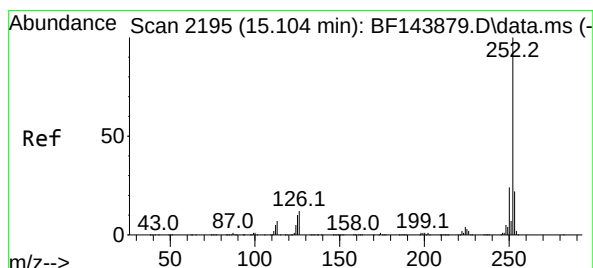
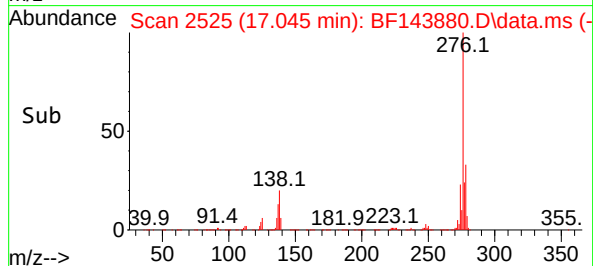
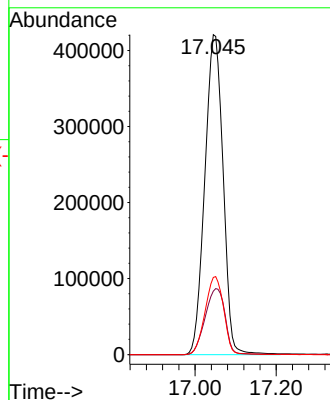
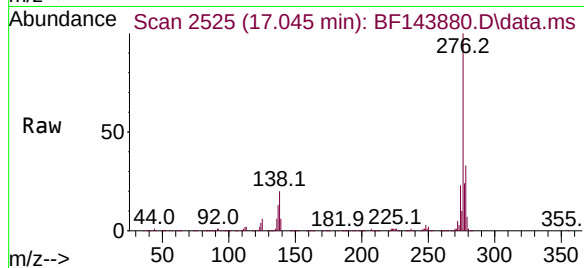
Tgt Ion:276 Resp: 1316167

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.2

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 47.652 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

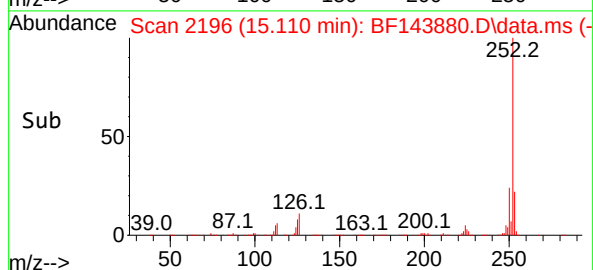
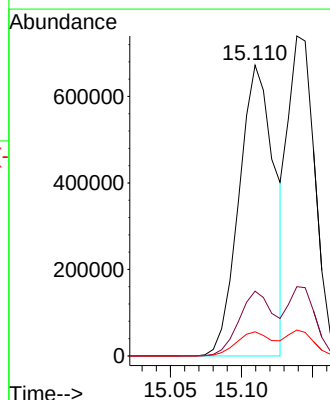
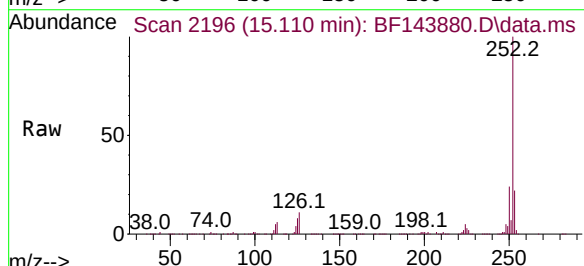
Tgt Ion:252 Resp: 1167220

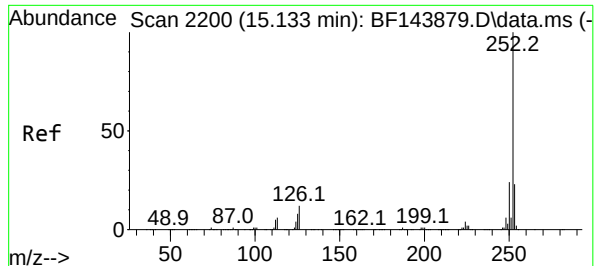
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 8.3 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 43.392 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

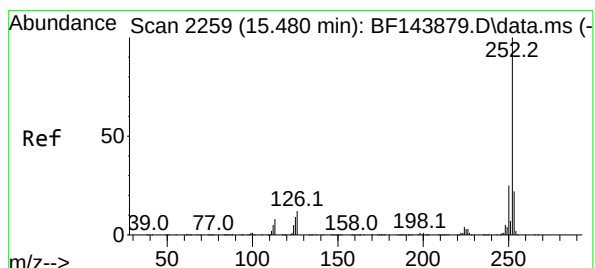
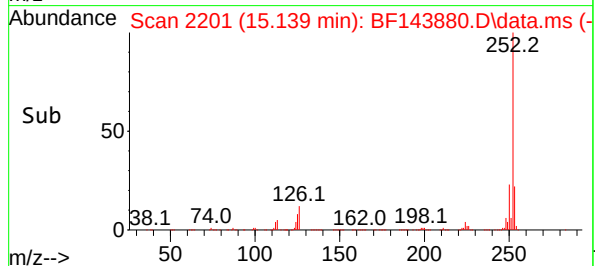
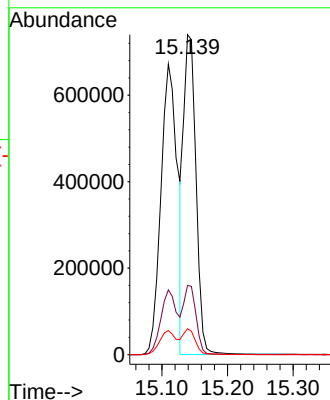
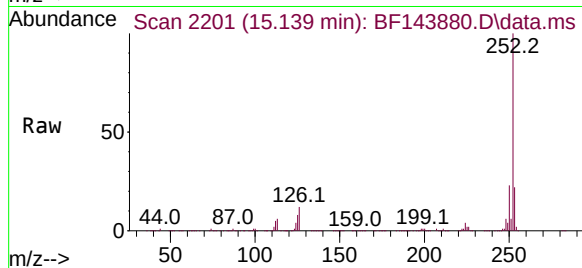
Tgt Ion:252 Resp: 983488

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 8.1 7.4 11.2



#90

Benzo(a)pyrene

Concen: 46.960 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

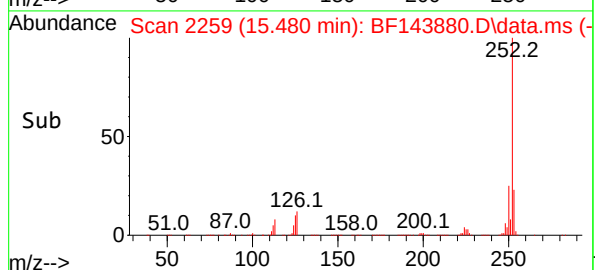
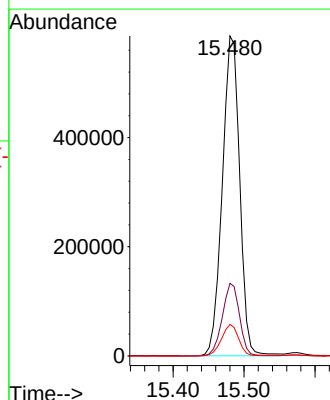
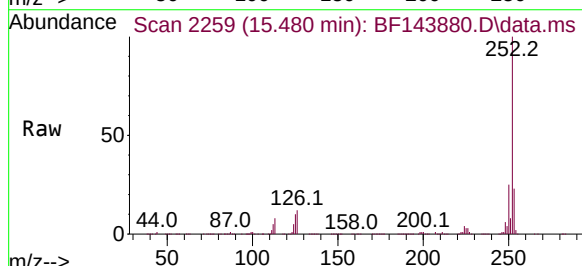
Tgt Ion:252 Resp: 997382

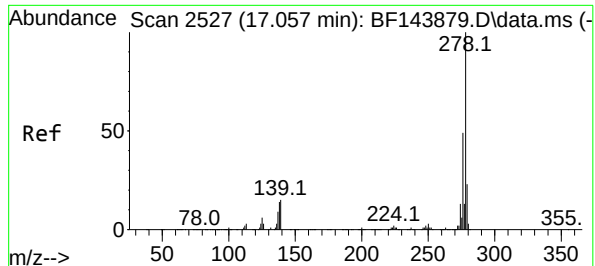
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 9.8 7.0 10.4

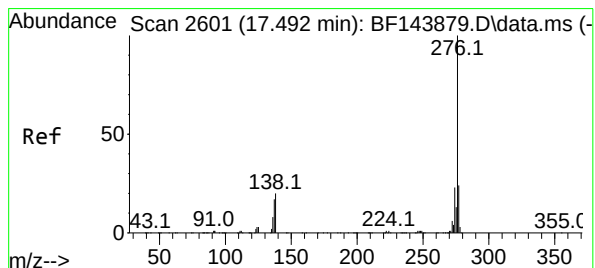
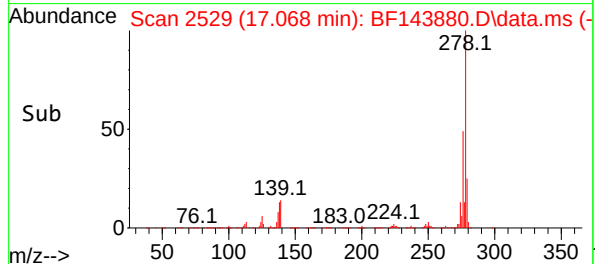
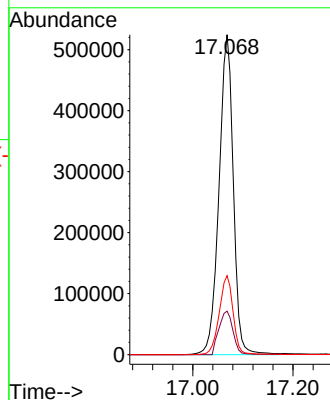
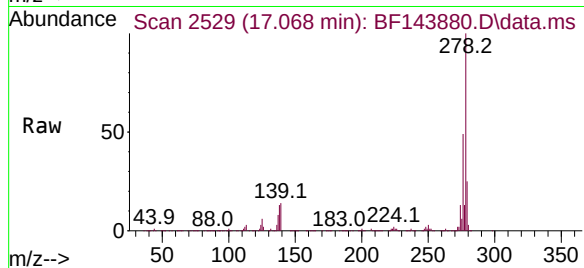




#91
Dibenzo(a,h)anthracene
Concen: 49.457 ng
RT: 17.068 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

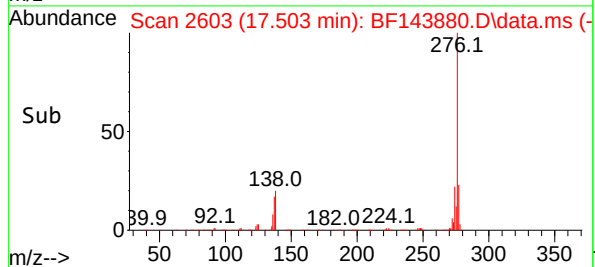
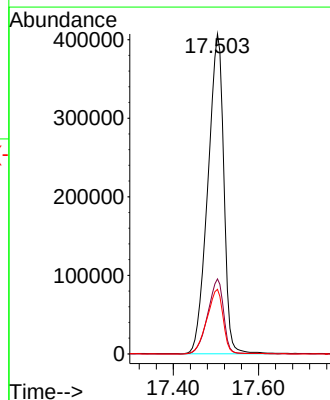
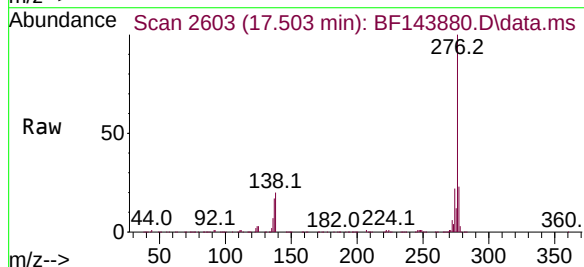
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 1039281
Ion Ratio Lower Upper
278 100
139 13.6 11.7 17.5
279 24.7 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 50.253 ng
RT: 17.503 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

Tgt Ion:276 Resp: 1056021
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 20.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143881.D
 Acq On : 06 Oct 2025 13:53
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 06 15:38:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	136069	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	524164	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	286024	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	485489	20.000	ng	0.00
76) Chrysene-d12	14.063	240	287097	20.000	ng	0.00
86) Perylene-d12	15.539	264	309882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	961239	112.181	ng	0.00
7) Phenol-d6	6.510	99	1132663	110.899	ng	0.00
23) Nitrobenzene-d5	7.451	82	1021762	118.430	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	343442	120.554	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1764203	97.871	ng	0.00
79) Terphenyl-d14	13.004	244	1861234	110.799	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	235125	59.298	ng	98
3) Pyridine	3.410	79	685786	59.411	ng	99
4) n-Nitrosodimethylamine	3.369	42	371223	61.134	ng	96
6) Aniline	6.551	93	870980	56.909	ng	100
8) 2-Chlorophenol	6.669	128	482622	57.621	ng	98
9) Benzaldehyde	6.440	77	567228	71.995	ng	99
10) Phenol	6.528	94	710019	58.149	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	531386	56.337	ng	98
12) 1,3-Dichlorobenzene	6.828	146	541823	54.041	ng	99
13) 1,4-Dichlorobenzene	6.904	146	547027	55.312	ng	100
14) 1,2-Dichlorobenzene	7.051	146	525807	55.507	ng	99
15) Benzyl Alcohol	7.028	79	450578	58.880	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1202366	56.002	ng	100
17) 2-Methylphenol	7.134	107	402660	58.170	ng	97
18) Hexachloroethane	7.398	117	189228	57.373	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	383071	54.794	ng	99
20) 3+4-Methylphenols	7.287	107	435782	54.319	ng	94
22) Acetophenone	7.298	105	589502	53.189	ng	98
24) Nitrobenzene	7.469	77	574563	59.969	ng	99
25) Isophorone	7.710	82	1042198	57.290	ng	99
26) 2-Nitrophenol	7.781	139	272450	66.327	ng	99
27) 2,4-Dimethylphenol	7.816	122	437344	59.187	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	631066	54.917	ng	99
29) 2,4-Dichlorophenol	8.022	162	442749	57.524	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	428102	56.555	ng	98
31) Naphthalene	8.192	128	1284573	53.874	ng	100
32) Benzoic acid	7.940	122	348955	68.237	ng	97
33) 4-Chloroaniline	8.239	127	504823	56.451	ng	99
34) Hexachlorobutadiene	8.304	225	294507	55.989	ng	98
35) Caprolactam	8.622	113	146970	60.055	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	423904	57.336	ng	99
37) 2-Methylnaphthalene	8.881	142	838837	52.814	ng	100
38) 1-Methylnaphthalene	8.981	142	822755	53.405	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	445714	56.382	ng	98
41) Hexachlorocyclopentadiene	9.034	237	205978	62.806	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	338809	58.657	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143881.D
 Acq On : 06 Oct 2025 13:53
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 06 15:38:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	345605	56.620	ng	98
46) 1,1'-Biphenyl	9.345	154	1004440	53.040	ng	99
47) 2-Chloronaphthalene	9.375	162	860999	54.531	ng	98
48) 2-Nitroaniline	9.463	65	312884	62.679	ng	99
49) Acenaphthylene	9.786	152	1223951	55.140	ng	99
50) Dimethylphthalate	9.645	163	1031391	56.783	ng	100
51) 2,6-Dinitrotoluene	9.710	165	214169	63.587	ng	99
52) Acenaphthene	9.963	154	801773	55.124	ng	99
53) 3-Nitroaniline	9.881	138	255984	62.070	ng	96
54) 2,4-Dinitrophenol	9.981	184	123295	61.138	ng	95
55) Dibenzofuran	10.133	168	1111183	54.120	ng	99
56) 4-Nitrophenol	10.034	139	195321	62.550	ng	92
57) 2,4-Dinitrotoluene	10.110	165	297018	64.812	ng	97
58) Fluorene	10.475	166	791518	51.090	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	264796	61.283	ng	# 97
60) Diethylphthalate	10.351	149	948580	56.214	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	433339	52.905	ng	97
62) 4-Nitroaniline	10.498	138	247024	62.288	ng	98
63) Azobenzene	10.628	77	992054	56.252	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	166740	68.344	ng	99
66) n-Nitrosodiphenylamine	10.586	169	850570	55.797	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	302165	56.317	ng	98
68) Hexachlorobenzene	11.028	284	356406	57.378	ng	97
69) Atrazine	11.116	200	257412	55.713	ng	98
70) Pentachlorophenol	11.216	266	224011	62.792	ng	99
71) Phenanthrene	11.439	178	1270063	53.961	ng	99
72) Anthracene	11.492	178	1282940	53.956	ng	99
73) Carbazole	11.645	167	1170717	55.592	ng	99
74) Di-n-butylphthalate	11.975	149	1389569	56.934	ng	100
75) Fluoranthene	12.633	202	1325716	54.530	ng	99
77) Benzidine	12.751	184	551394	55.312	ng	98
78) Pyrene	12.863	202	1359513	56.800	ng	99
80) Butylbenzylphthalate	13.480	149	476448	61.293	ng	98
81) Benzo(a)anthracene	14.051	228	1111626	59.168	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	347863	60.756	ng	99
83) Chrysene	14.092	228	969765	55.770	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	579121	61.804	ng	99
85) Di-n-octyl phthalate	14.657	149	991597	64.431	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	1173726	61.815	ng	100
88) Benzo(b)fluoranthene	15.110	252	1117484	62.778	ng	99
89) Benzo(k)fluoranthene	15.139	252	855988	51.969	ng	99
90) Benzo(a)pyrene	15.480	252	901585	58.412	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	935987	61.291	ng	98
92) Benzo(g,h,i)perylene	17.504	276	946452	61.976	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

TIC: BF143881.D\data.ms

Abundance

Time-->

1,4-Dioxane

Nitrosodimethylamine, Pyridine,

2-Fluorophenol,S

Phenol-d6,S

Bis(2-chloroethyl)phosphine oxide

Hexachlorocyclopentadiene,C

Benzyl Alcohol

2-Nitrophenol,C

Isobutylmethylcarbamate

Benzoinic acid

Naphthalene,d1-4-Chloroamin

Hexachlorobutadiene,C

Caprolactam

4-Chloro-3-methylphenol,C

2-Methyl-2-propylpropanal

2,4,5-Trichlorophenol

2-Chloronaphthalene,d1-Biphenyl

Dimethylphthalate

Acenaphthylene

Acenaphthene,C

Dibenzofuran

2,3,4,6-Tetrahydro-2H-pyran

4-(Nitrosoamino)-2-nitrophenol,S

4-Nitrobenzyl alcohol

Hexachlorocyclopentadiene,C

Phenanthrene,d10

Pentachlorophenol,C

Fluoranthene,d10

Carbazole

Di-n-butylphthalate

Fluoranthene,C

Pyrene

Butylbenzylphthalate

3,3'-Dichlorobenzidine

Chrysene,d12,I

Chrysene

Bis(2-ethylhexoxy)phthalate

Di-n-octyl phthalate,c

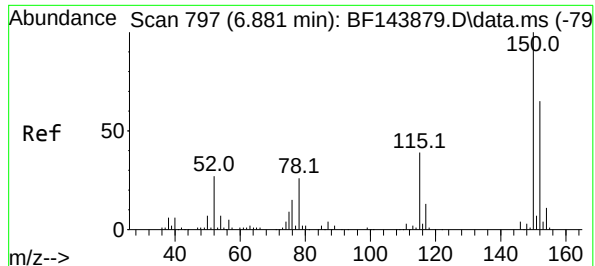
Benzo(b)fluorene

Benzo(a)pyrene,C

Perylene,d12,I

Hedeno(1,2,3-bcd)peranthracene

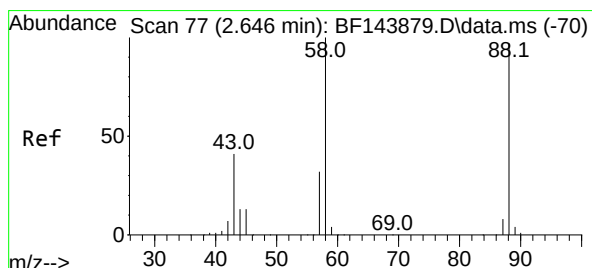
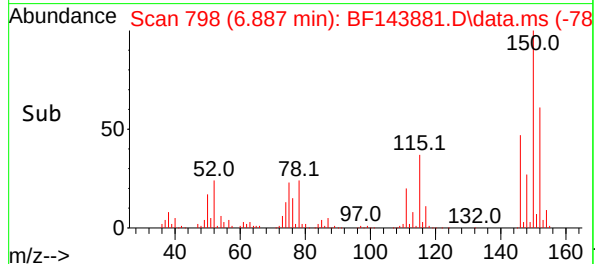
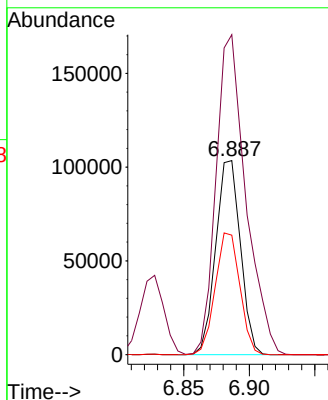
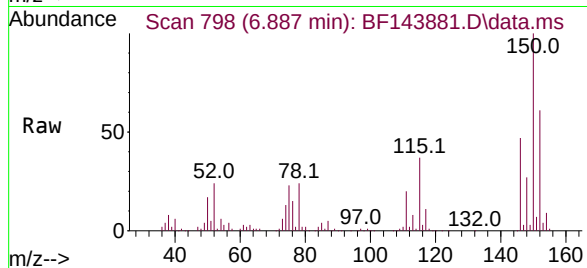
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

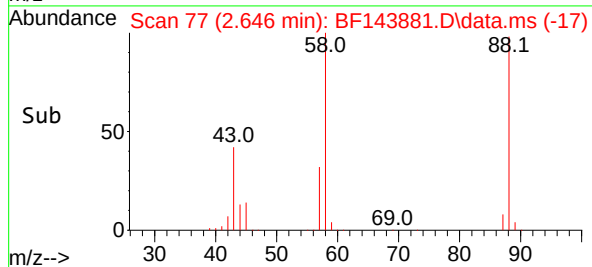
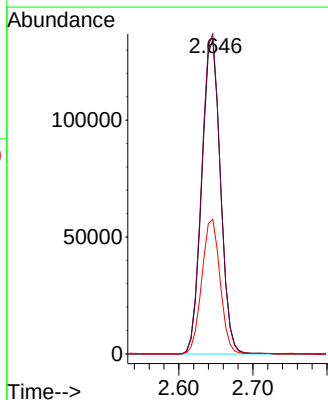
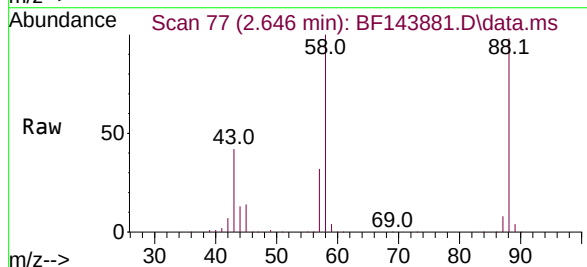
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

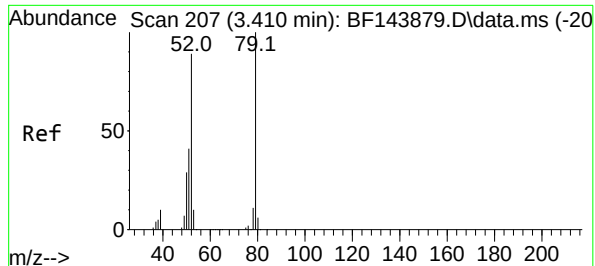
Tgt Ion:152 Resp: 136069
Ion Ratio Lower Upper
152 100
150 165.0 124.4 186.6
115 61.6 48.1 72.1



#2
1,4-Dioxane
Concen: 59.298 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 88 Resp: 235125
Ion Ratio Lower Upper
88 100
58 101.8 83.0 124.6
43 42.1 33.9 50.9





#3

Pyridine

Concen: 59.411 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

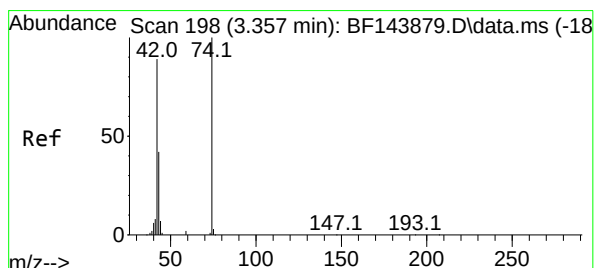
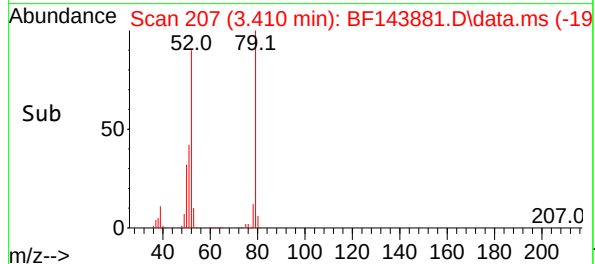
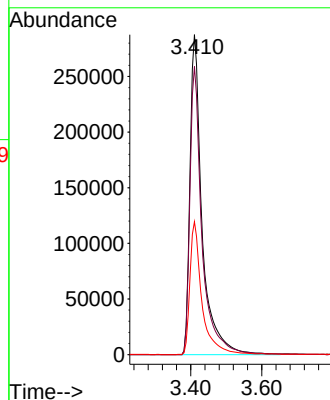
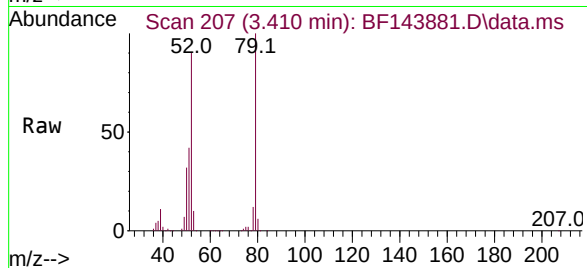
Tgt Ion: 79 Resp: 685786

Ion Ratio Lower Upper

79 100

52 90.0 71.5 107.3

51 41.5 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 61.134 ng

RT: 3.369 min Scan# 200

Delta R.T. -0.017 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

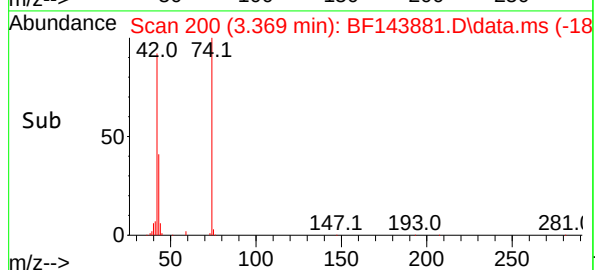
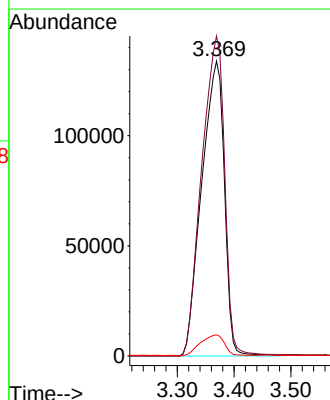
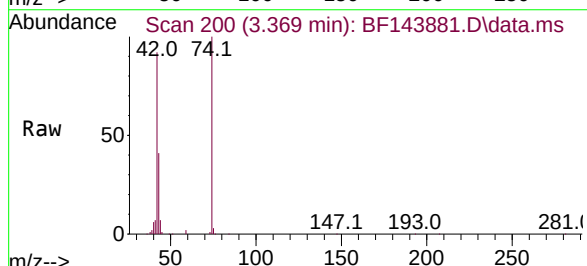
Tgt Ion: 42 Resp: 371223

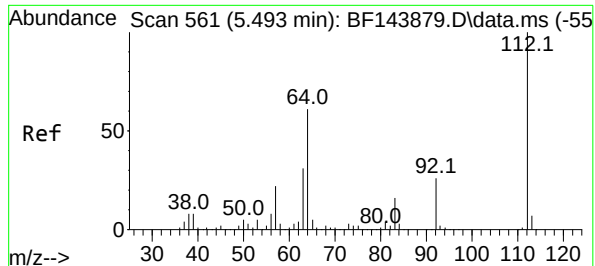
Ion Ratio Lower Upper

42 100

74 108.6 90.0 135.0

44 7.1 6.2 9.2

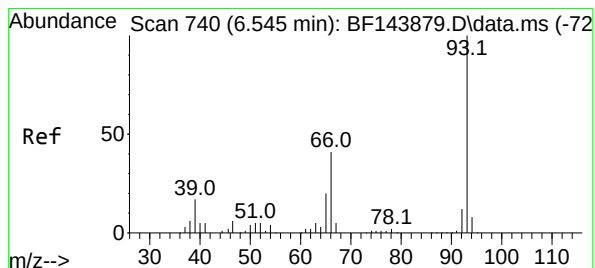
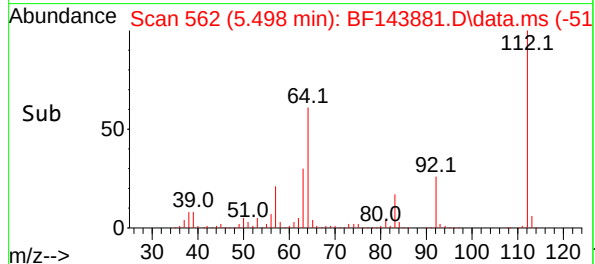
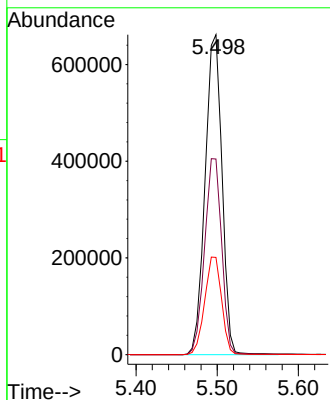
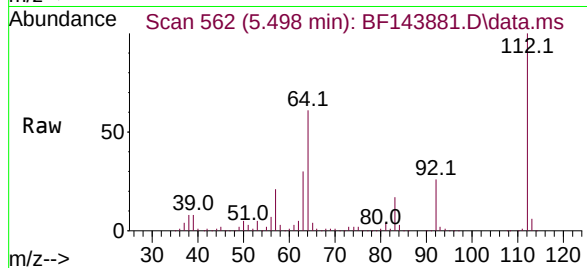




#5
2-Fluorophenol
Concen: 112.181 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

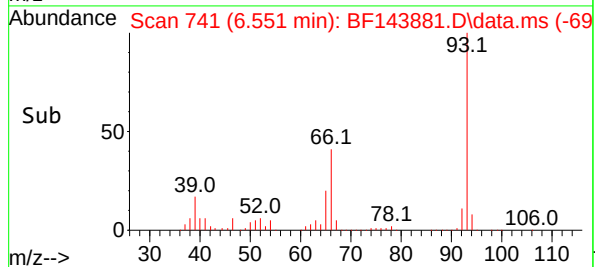
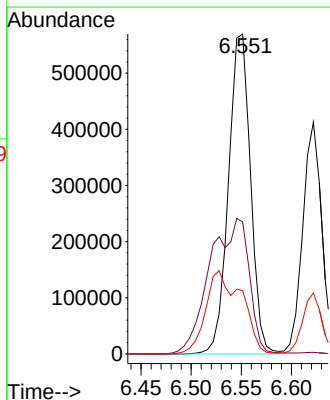
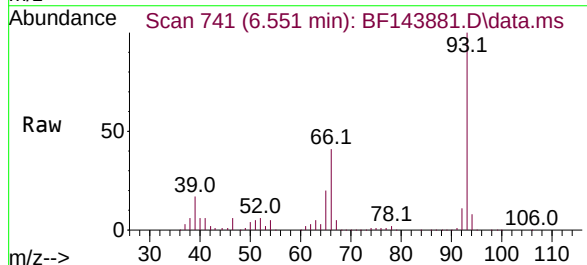
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

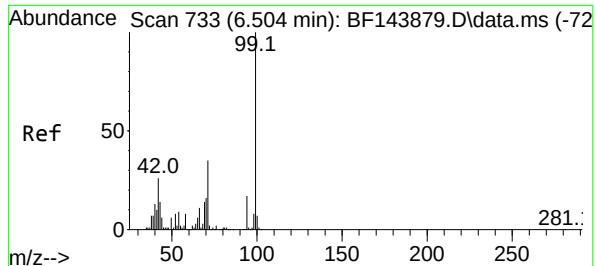
Tgt Ion:112 Resp: 961239
Ion Ratio Lower Upper
112 100
64 61.1 49.1 73.7
63 30.4 24.5 36.7



#6
Aniline
Concen: 56.909 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 93 Resp: 870980
Ion Ratio Lower Upper
93 100
66 41.2 33.0 49.6
65 19.8 15.8 23.8





#7

Phenol-d6

Concen: 110.899 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

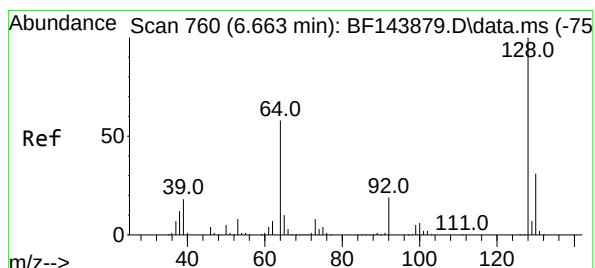
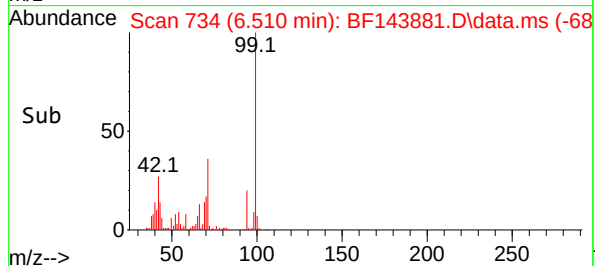
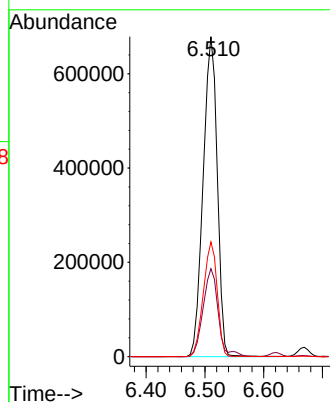
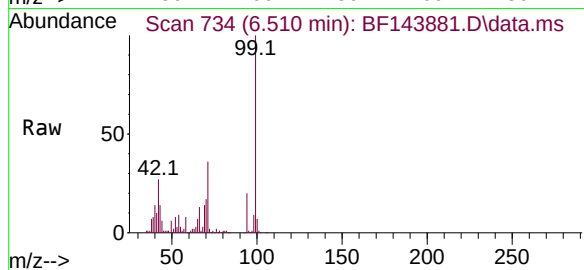
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 1132663

Ion	Ratio	Lower	Upper
99	100		
42	27.5	21.0	31.4
71	35.8	27.8	41.8



#8

2-Chlorophenol

Concen: 57.621 ng

RT: 6.669 min Scan# 761

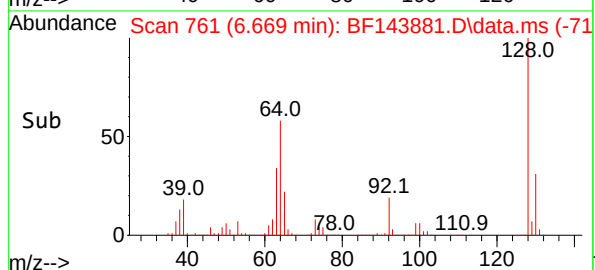
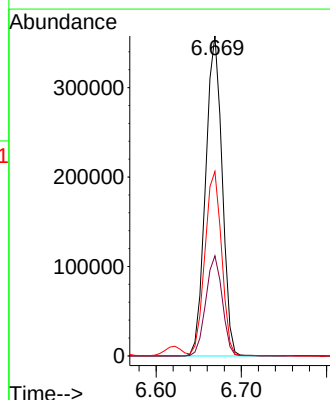
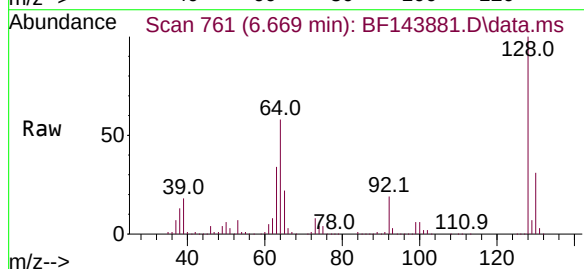
Delta R.T. 0.000 min

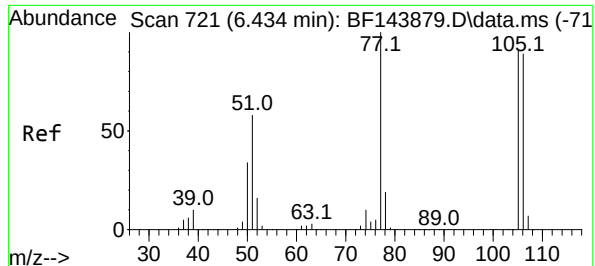
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 128 Resp: 482622

Ion	Ratio	Lower	Upper
128	100		
130	31.3	10.7	50.7
64	57.6	39.0	79.0





#9

Benzaldehyde

Concen: 71.995 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

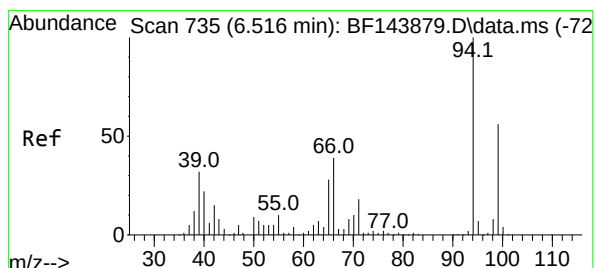
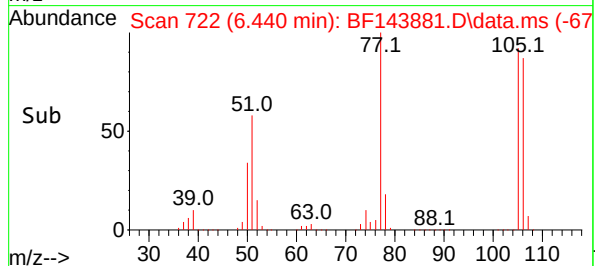
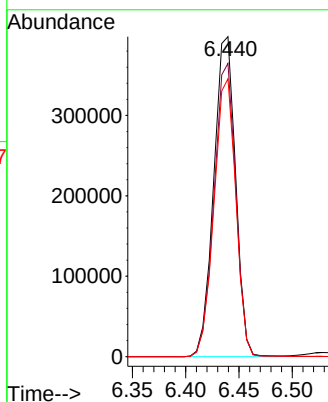
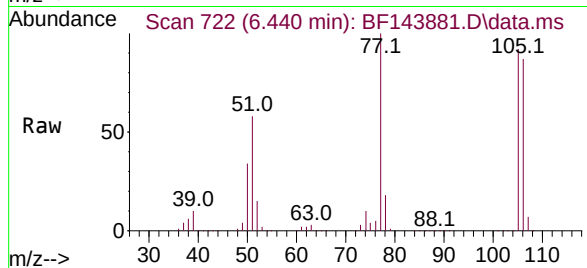
Tgt Ion: 77 Resp: 567228

Ion Ratio Lower Upper

77 100

105 91.6 70.9 110.9

106 86.8 68.9 108.9



#10

Phenol

Concen: 58.149 ng

RT: 6.528 min Scan# 737

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

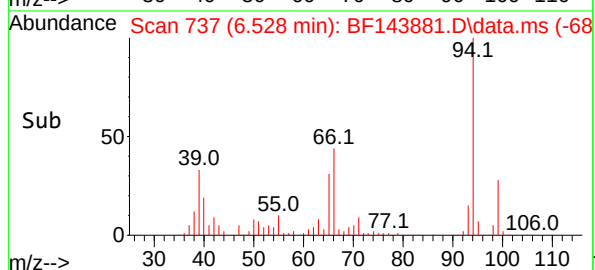
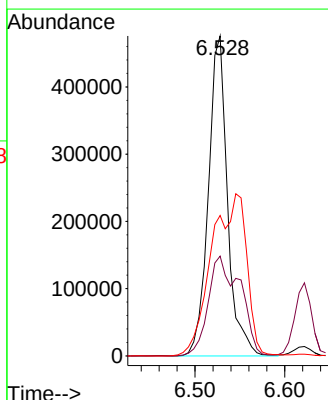
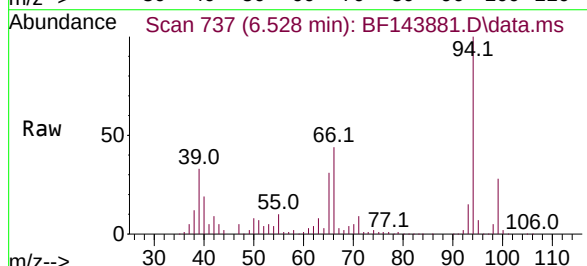
Tgt Ion: 94 Resp: 710019

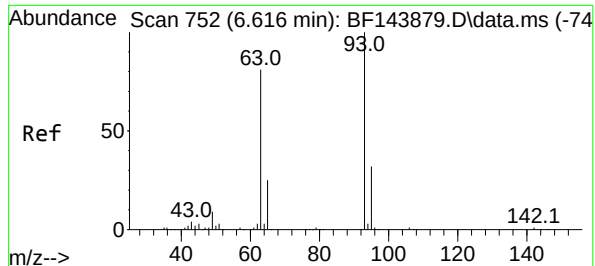
Ion Ratio Lower Upper

94 100

65 31.2 8.5 48.5

66 43.9 19.9 59.9

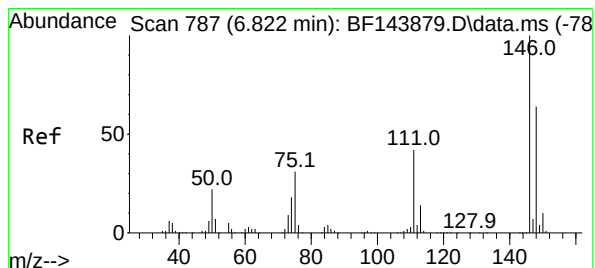
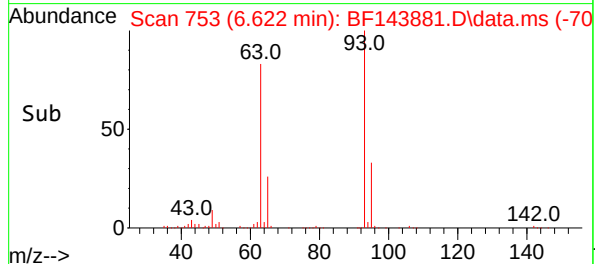
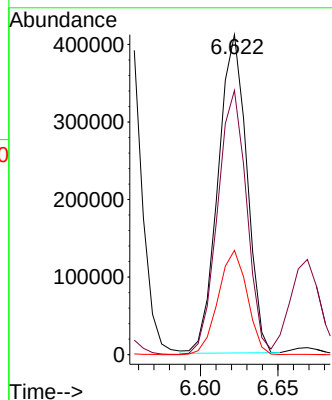
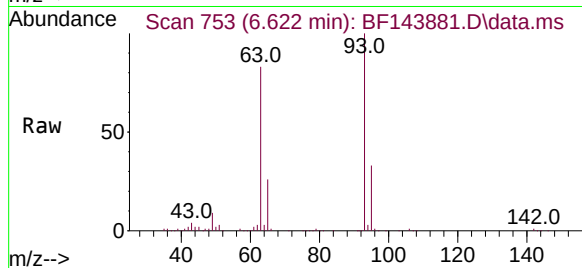




#11
bis(2-Chloroethyl)ether
Concen: 56.337 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

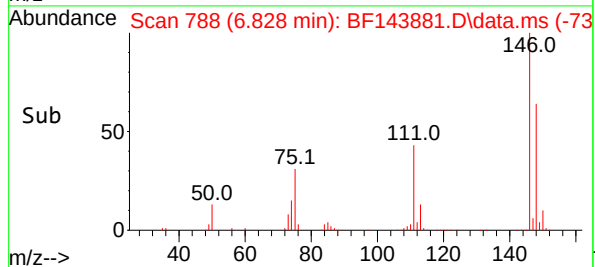
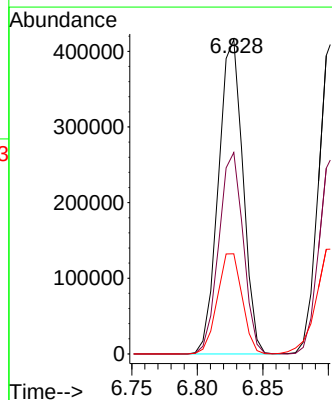
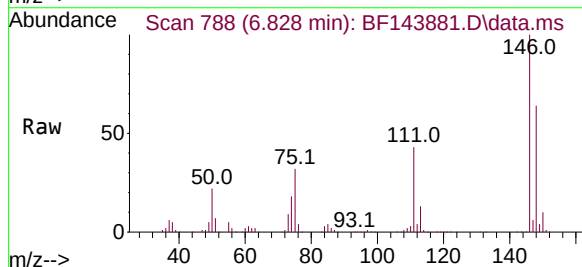
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

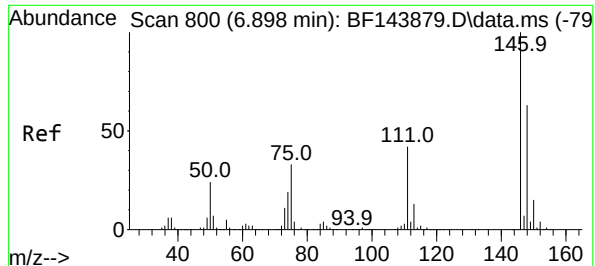
Tgt Ion: 93 Resp: 531386
Ion Ratio Lower Upper
93 100
63 82.6 60.9 100.9
95 32.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 54.041 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 146 Resp: 541823
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.4
75 31.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 55.312 ng

RT: 6.904 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

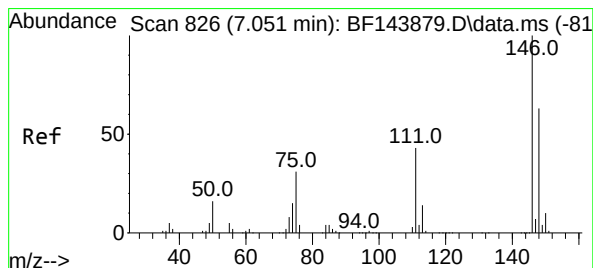
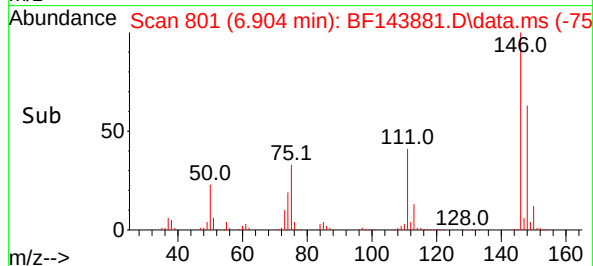
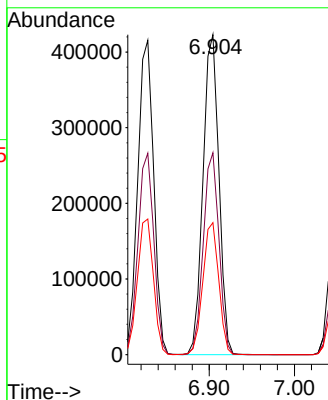
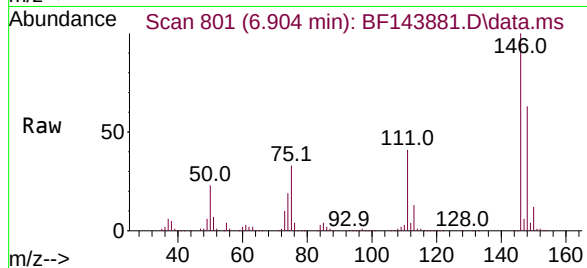
Tgt Ion:146 Resp: 547027

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 41.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 55.507 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

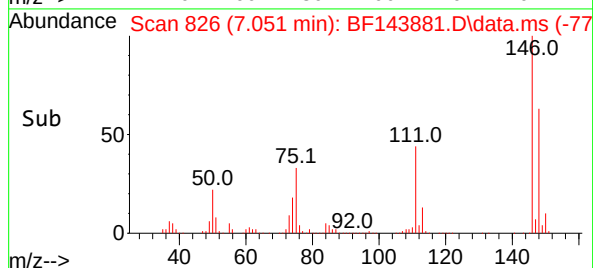
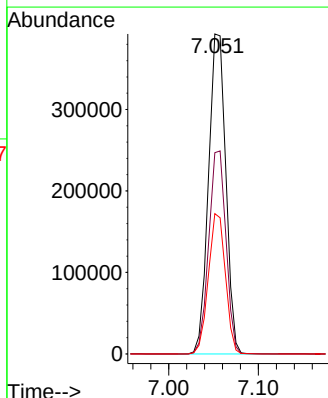
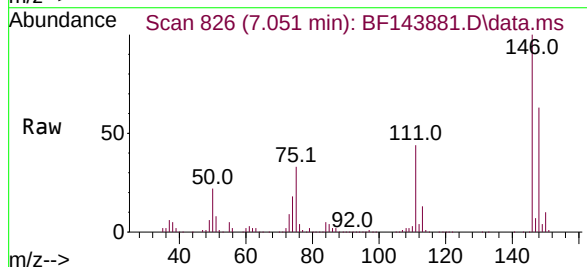
Tgt Ion:146 Resp: 525807

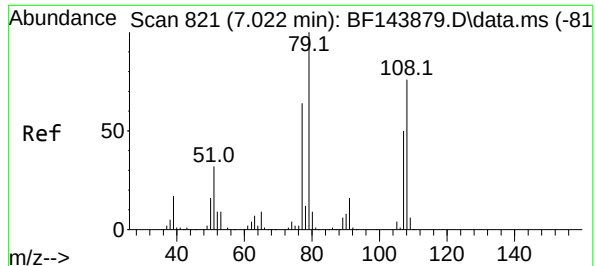
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 43.8 34.6 51.8

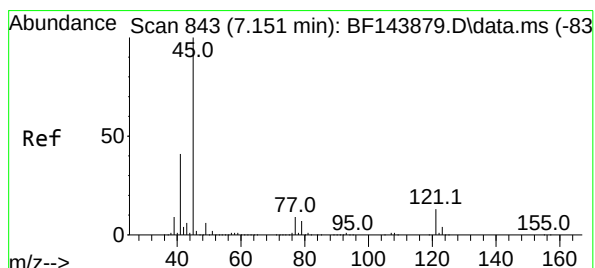
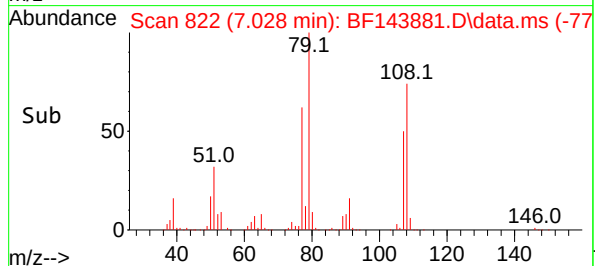
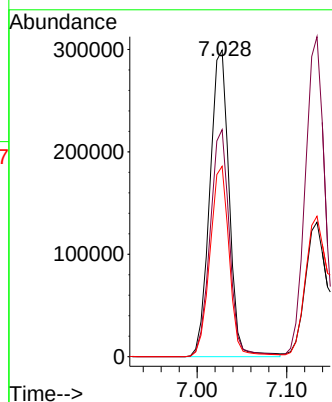
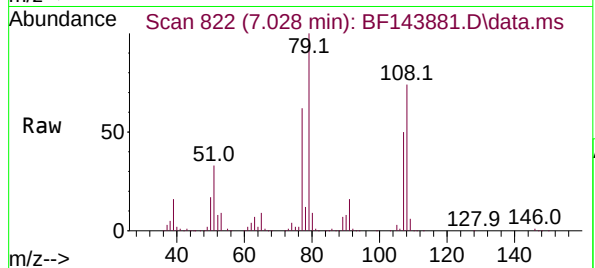




#15
Benzyl Alcohol
Concen: 58.880 ng
RT: 7.028 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

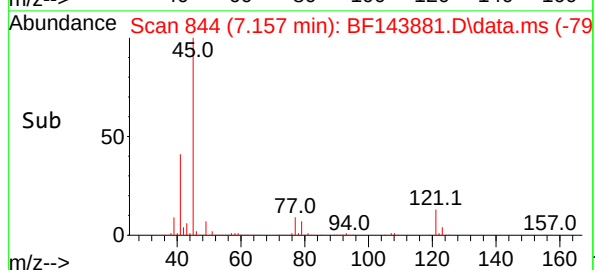
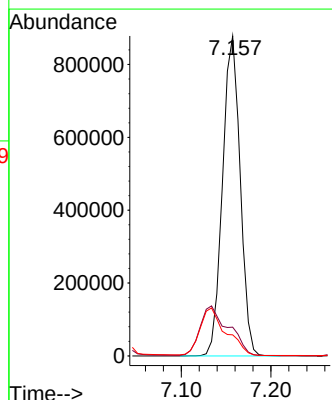
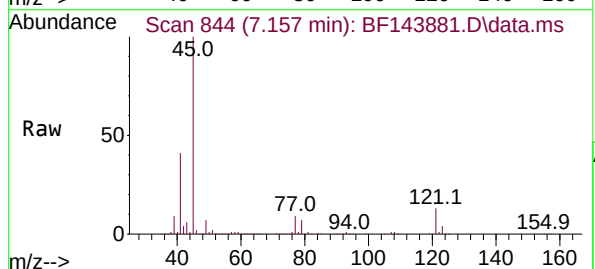
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

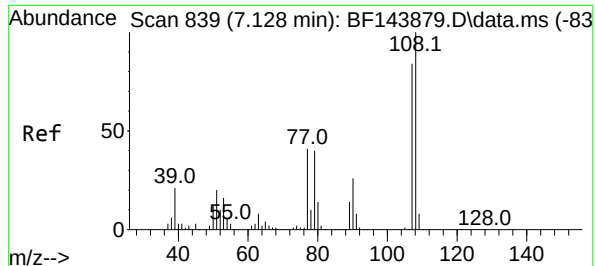
Tgt Ion: 79 Resp: 450578
Ion Ratio Lower Upper
79 100
108 74.1 60.8 91.2
77 62.1 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 56.002 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 45 Resp: 1202366
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.6 0.0 26.8

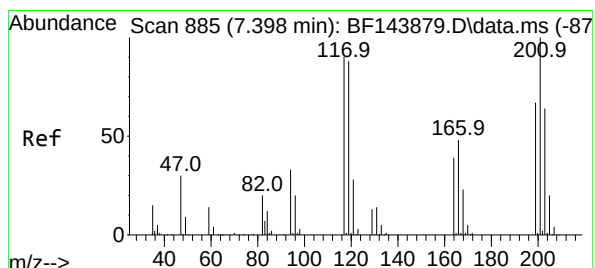
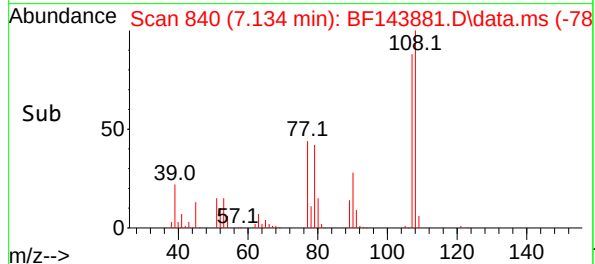
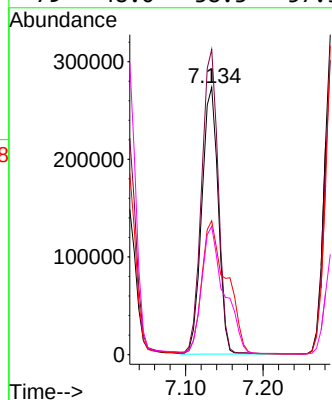
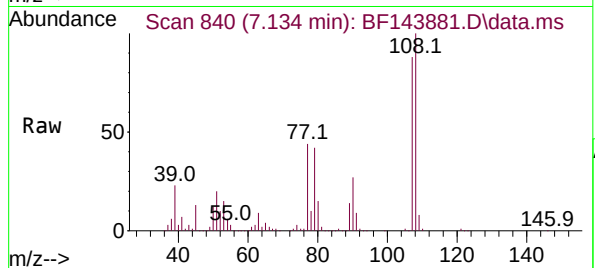




#17
2-Methylphenol
Concen: 58.170 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

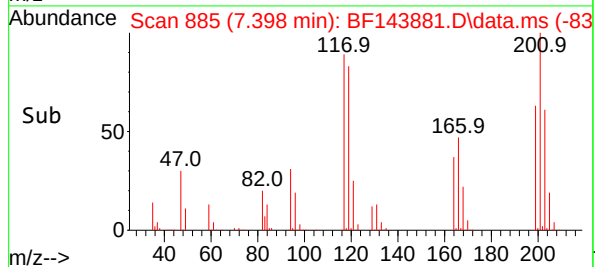
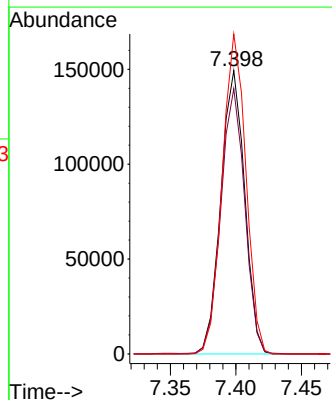
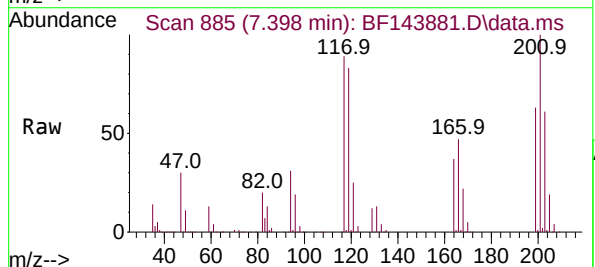
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

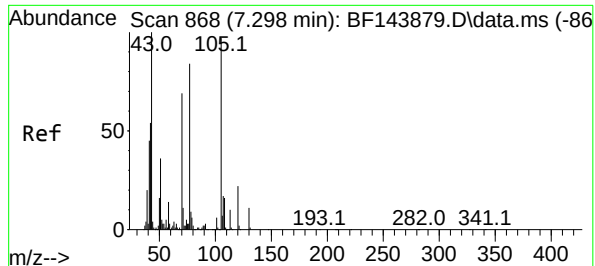
Tgt Ion:107 Resp: 402660
Ion Ratio Lower Upper
107 100
108 114.2 94.7 142.1
77 50.1 38.8 58.2
79 48.0 38.3 57.5



#18
Hexachloroethane
Concen: 57.373 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:117 Resp: 189228
Ion Ratio Lower Upper
117 100
119 93.6 77.8 116.8
201 112.9 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 54.794 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF143881.D

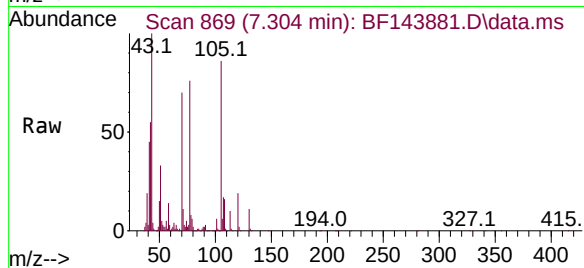
Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 383071

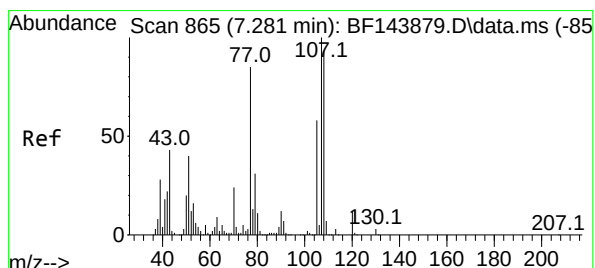
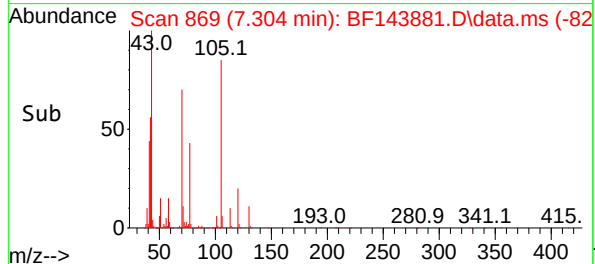
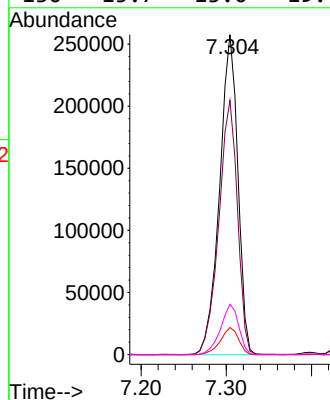
Ion Ratio Lower Upper

70 100

42 79.4 62.8 94.2

101 8.5 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 54.319 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 107 Resp: 435782

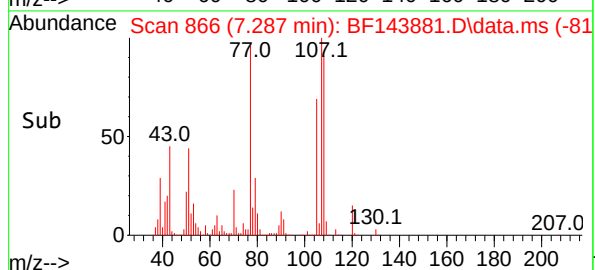
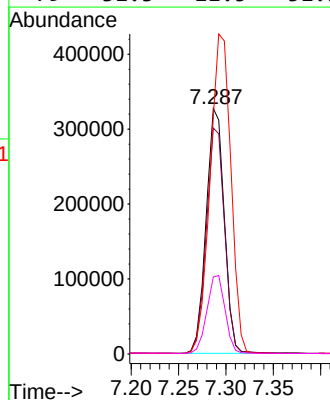
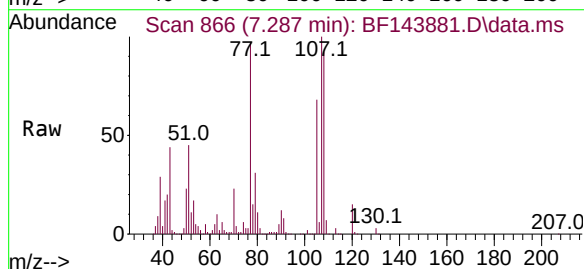
Ion Ratio Lower Upper

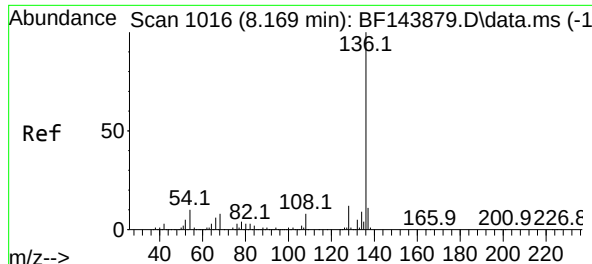
107 100

108 92.0 73.0 113.0

77 96.5 64.6 104.6

79 31.3 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 524164

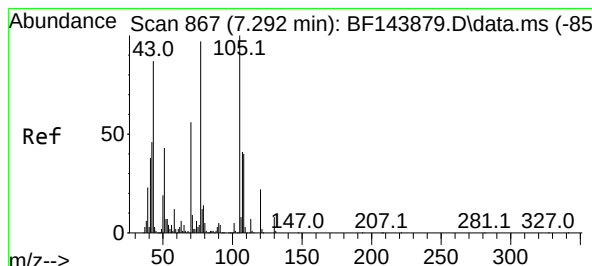
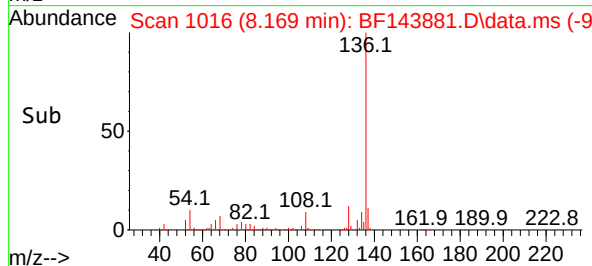
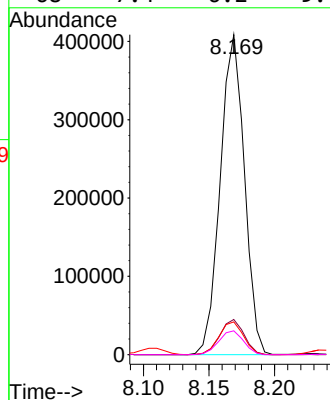
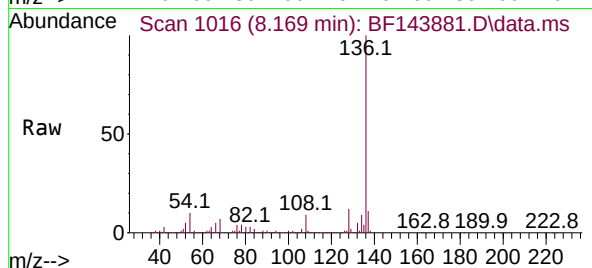
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.2 8.2 12.4

68 7.4 6.2 9.4



#22

Acetophenone

Concen: 53.189 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:105 Resp: 589502

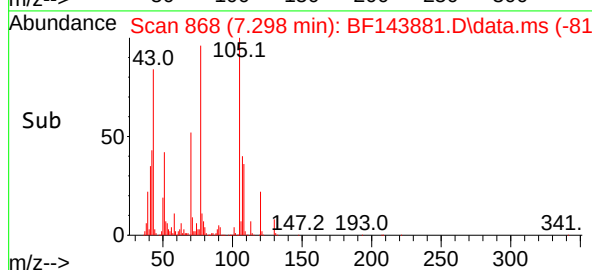
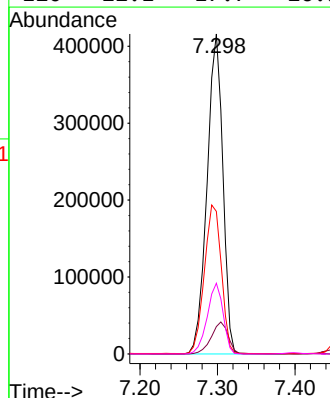
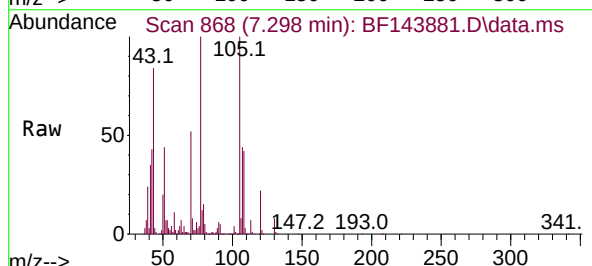
Ion Ratio Lower Upper

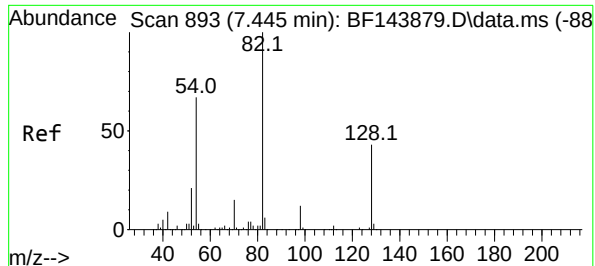
105 100

71 8.5 7.4 11.0

51 44.5 34.2 51.4

120 22.1 17.7 26.5





#23

Nitrobenzene-d5

Concen: 118.430 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

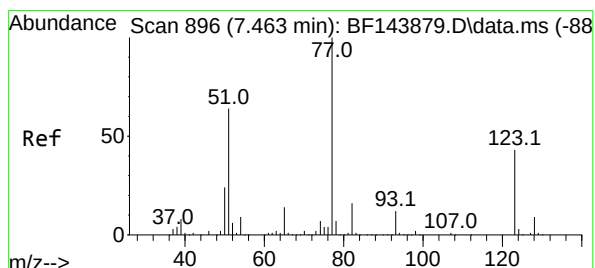
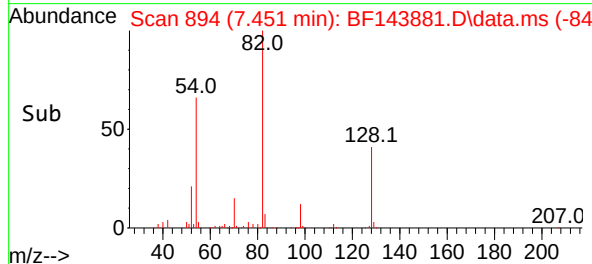
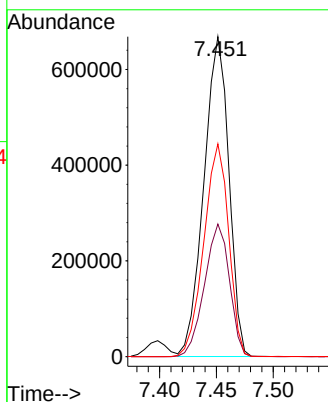
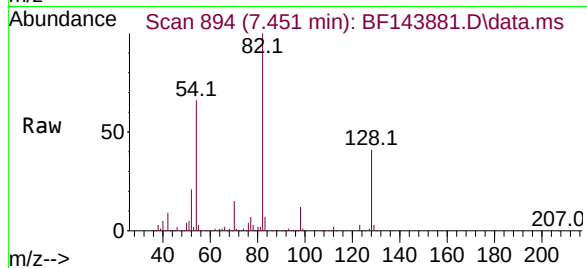
BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 1021762

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.0	51.0
54	66.5	53.2	79.8



#24

Nitrobenzene

Concen: 59.969 ng

RT: 7.469 min Scan# 897

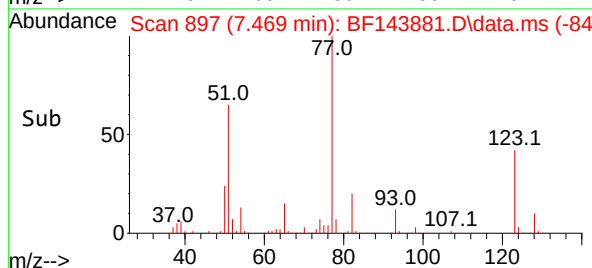
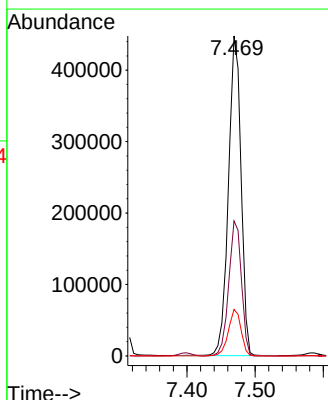
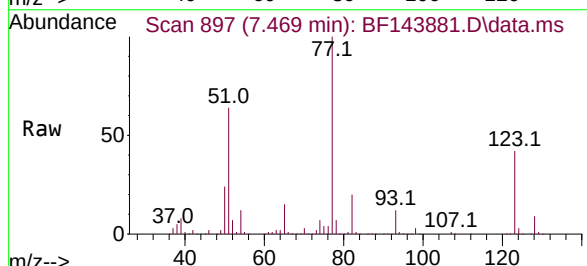
Delta R.T. -0.006 min

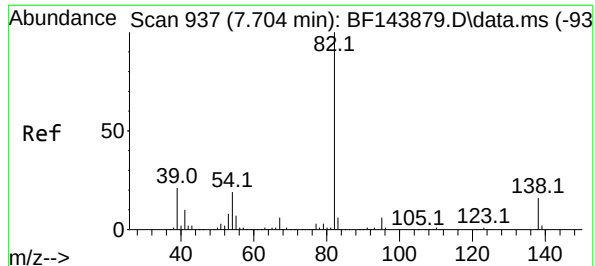
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 77 Resp: 574563

Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.2	51.4
65	14.5	11.0	16.6





#25

Isophorone

Concen: 57.290 ng

RT: 7.710 min Scan# 937

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

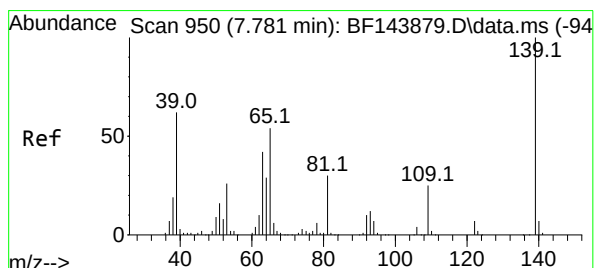
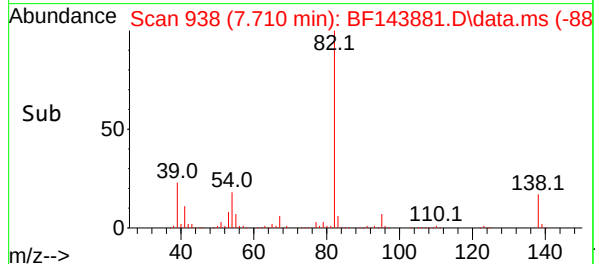
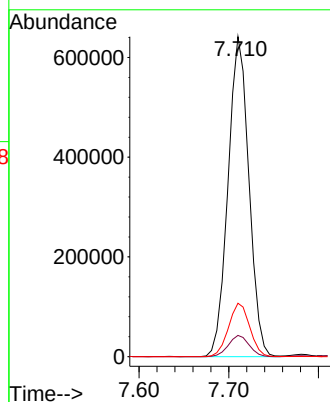
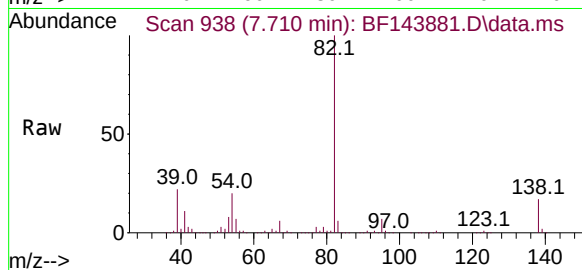
BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 82 Resp: 1042198

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	16.7	12.9	19.3



#26

2-Nitrophenol

Concen: 66.327 ng

RT: 7.781 min Scan# 950

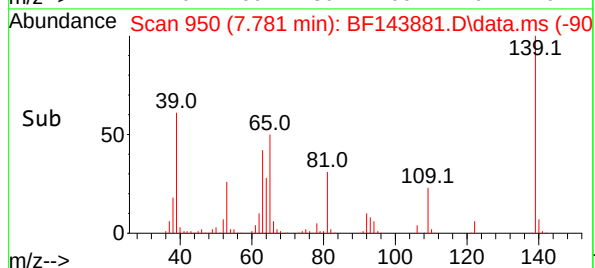
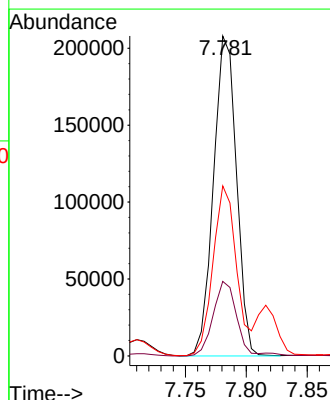
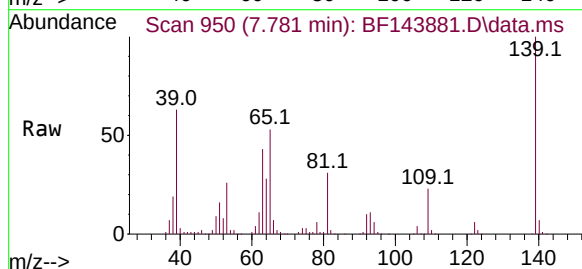
Delta R.T. -0.006 min

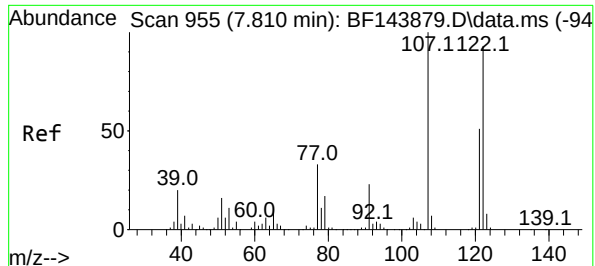
Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion: 139 Resp: 272450

Ion	Ratio	Lower	Upper
139	100		
109	23.3	19.8	29.6
65	53.1	42.9	64.3





#27

2,4-Dimethylphenol

Concen: 59.187 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

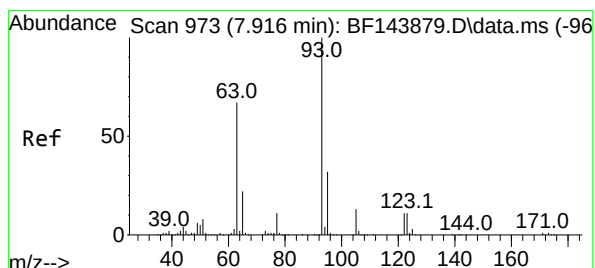
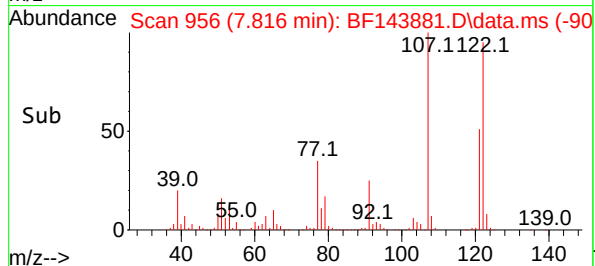
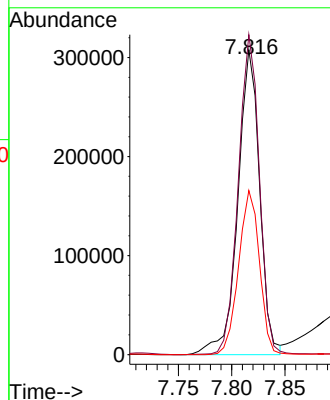
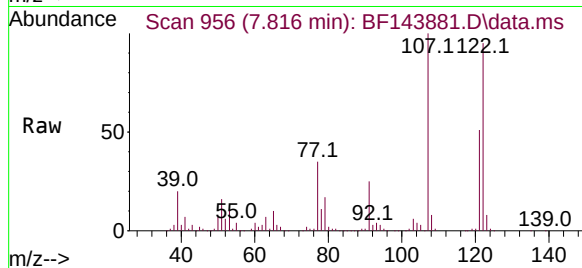
Tgt Ion:122 Resp: 437344

Ion Ratio Lower Upper

122 100

107 105.0 86.1 129.1

121 53.8 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 54.917 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

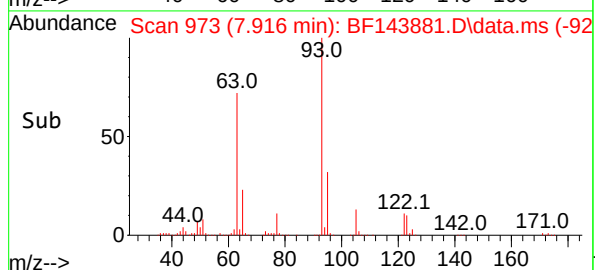
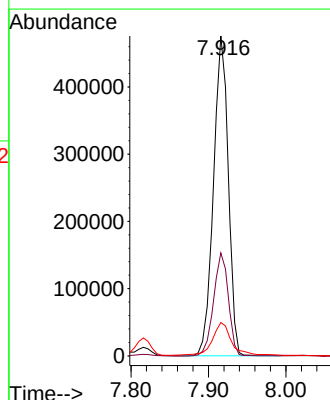
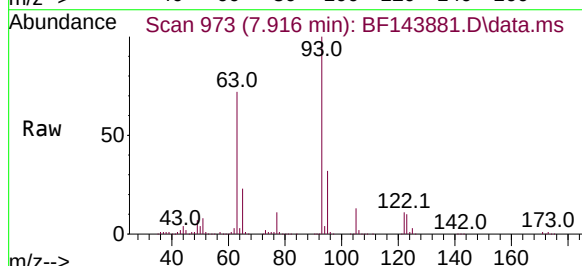
Tgt Ion: 93 Resp: 631066

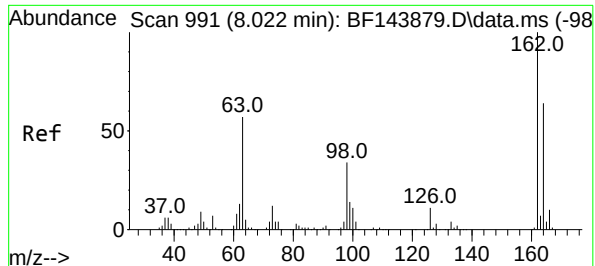
Ion Ratio Lower Upper

93 100

95 32.2 25.9 38.9

123 10.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 57.524 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143881.D

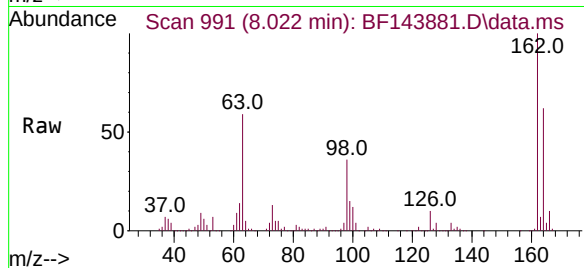
Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



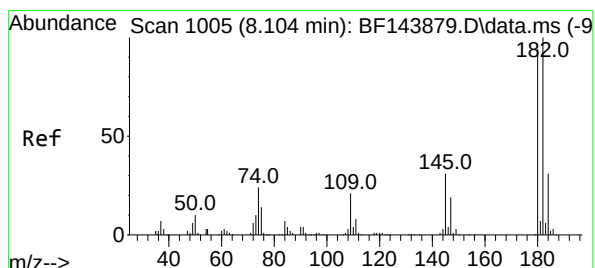
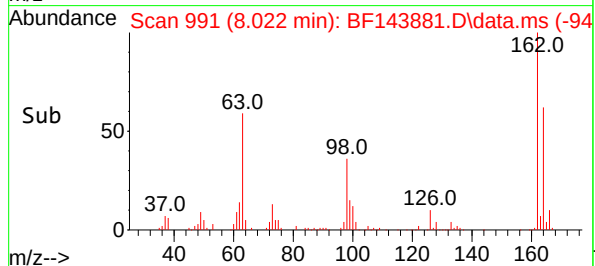
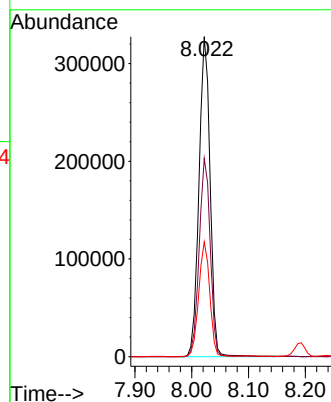
Tgt Ion:162 Resp: 442749

Ion Ratio Lower Upper

162 100

164 62.0 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 56.555 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

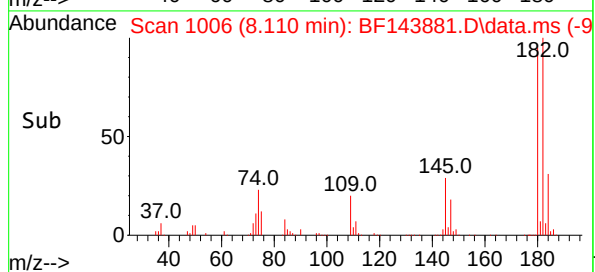
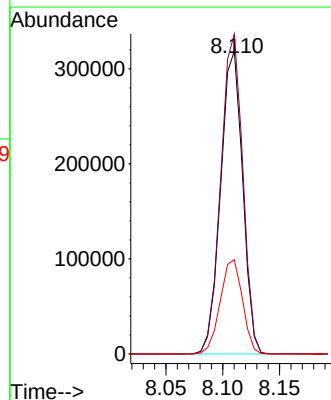
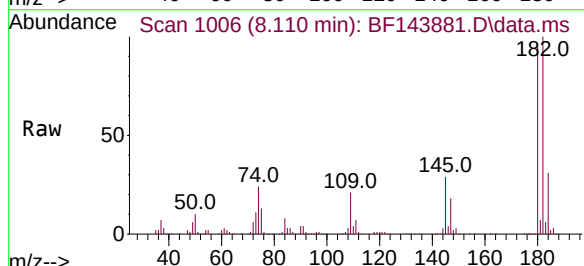
Tgt Ion:180 Resp: 428102

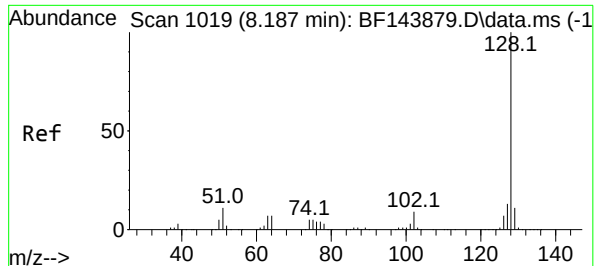
Ion Ratio Lower Upper

180 100

182 105.7 85.4 128.0

145 31.1 26.3 39.5

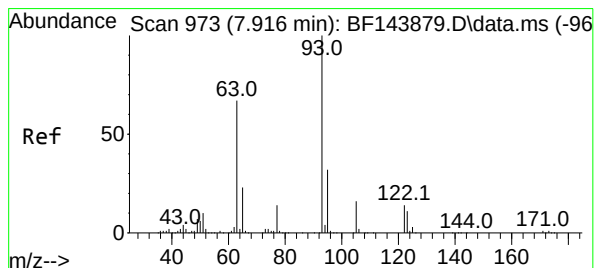
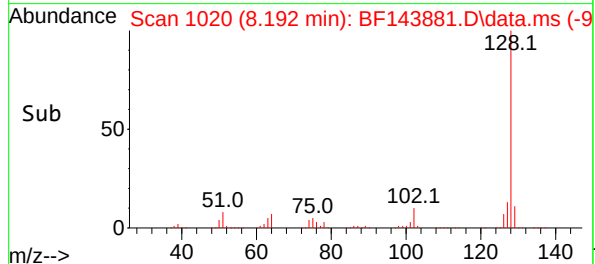
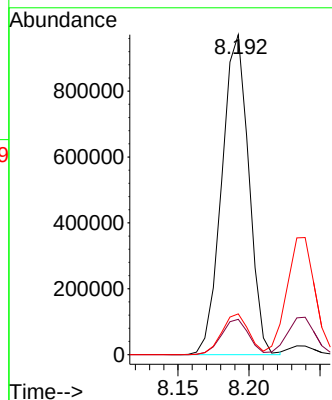
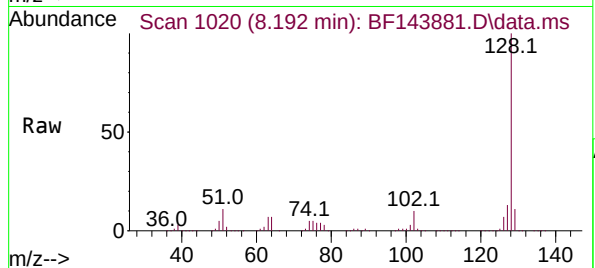




#31
Naphthalene
Concen: 53.874 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

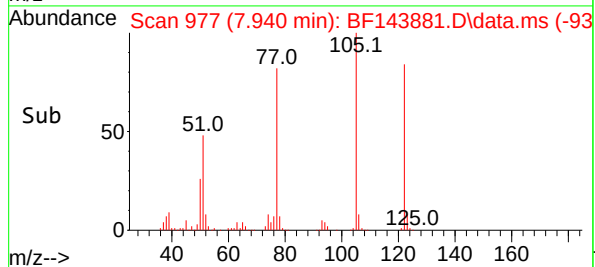
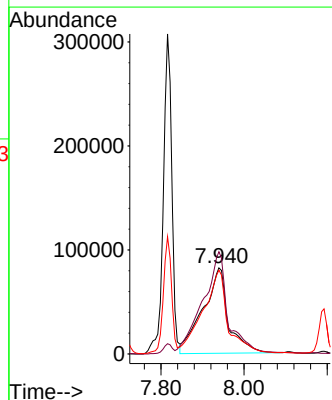
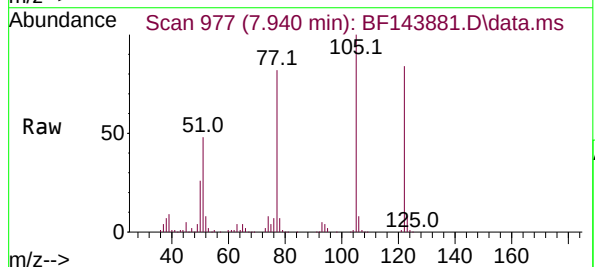
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

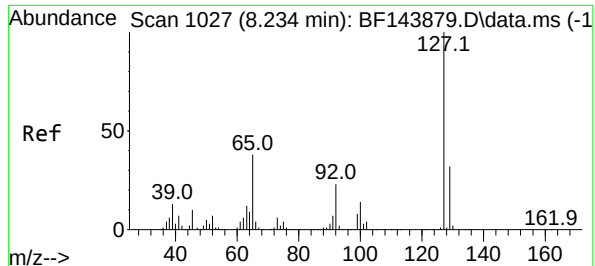
Tgt Ion:128 Resp: 1284573
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.0 15.0



#32
Benzoic acid
Concen: 68.237 ng
RT: 7.940 min Scan# 977
Delta R.T. -0.023 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:122 Resp: 348955
Ion Ratio Lower Upper
122 100
105 118.8 93.5 133.5
77 97.3 76.3 116.3

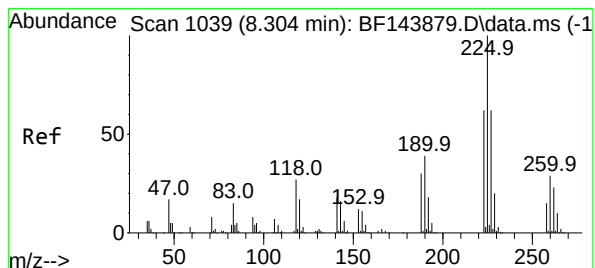
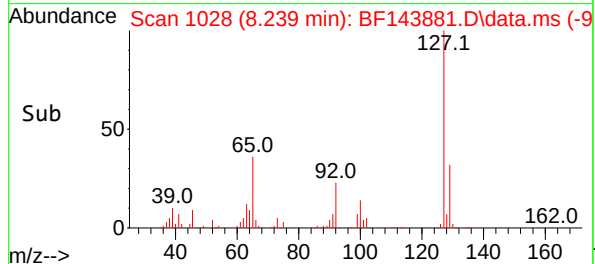
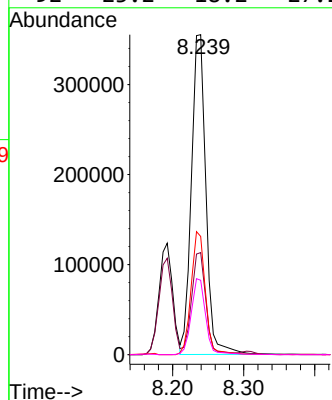
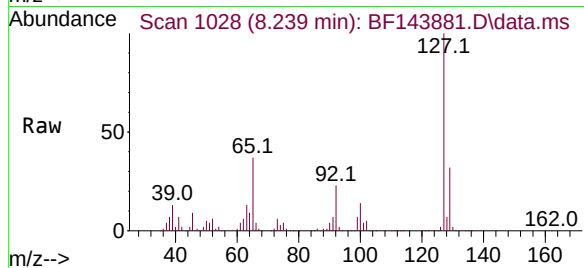




#33
4-Chloroaniline
Concen: 56.451 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

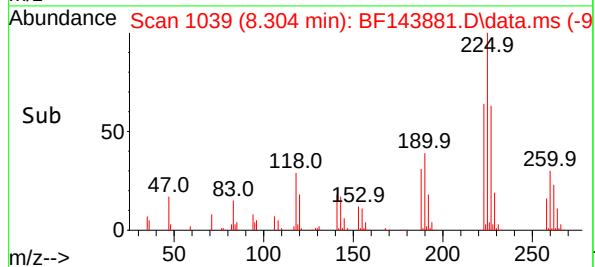
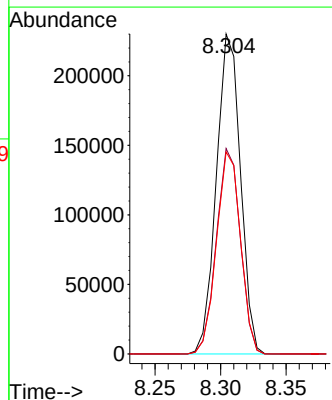
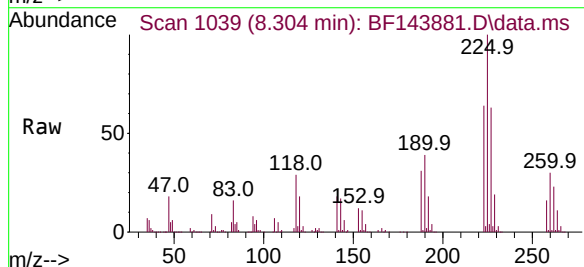
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

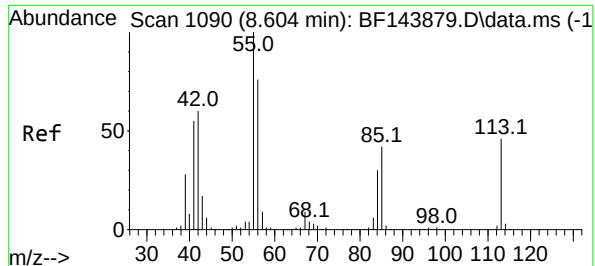
Tgt Ion:	127	Resp:	504823
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	36.9	30.0	45.0
92	23.2	18.2	27.2



#34
Hexachlorobutadiene
Concen: 55.989 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:	225	Resp:	294507
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.2
227	63.1	49.7	74.5





#35

Caprolactam

Concen: 60.055 ng

RT: 8.622 min Scan# 1093

Delta R.T. -0.023 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

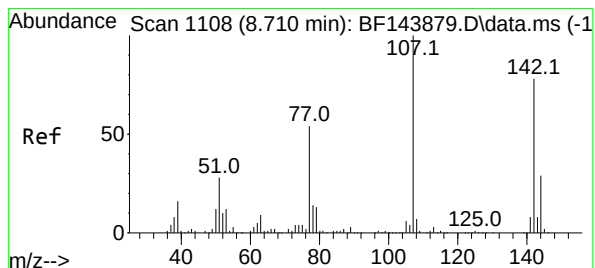
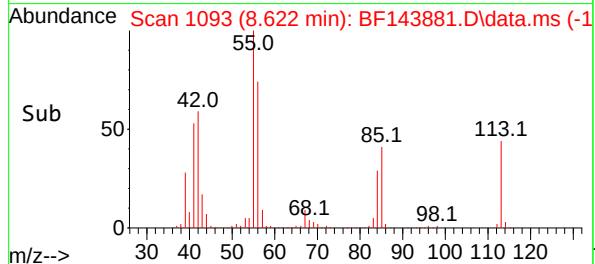
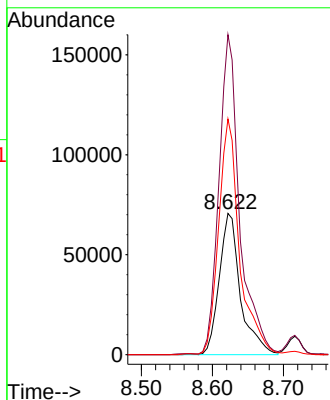
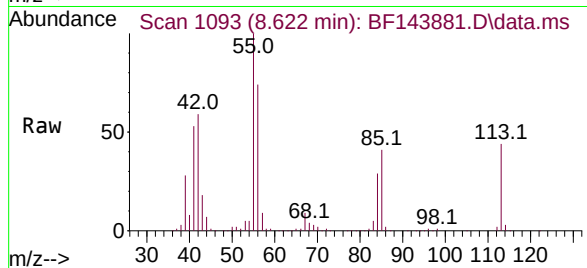
Tgt Ion:113 Resp: 146970

Ion Ratio Lower Upper

113 100

55 226.6 199.6 239.6

56 166.8 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 57.336 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

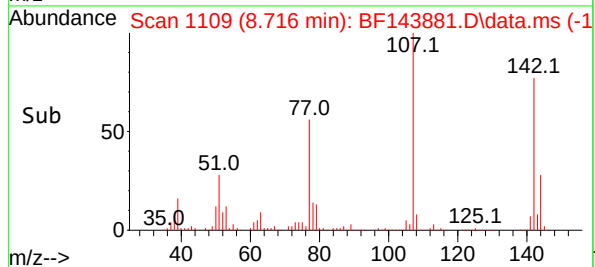
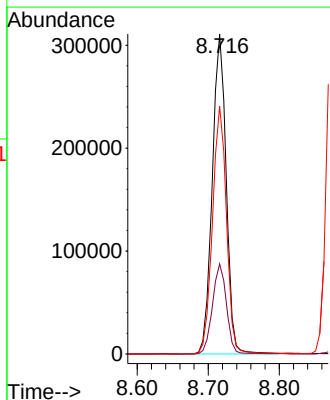
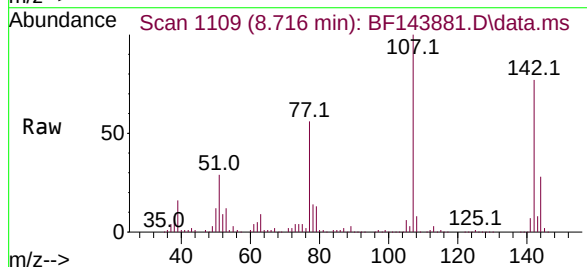
Tgt Ion:107 Resp: 423904

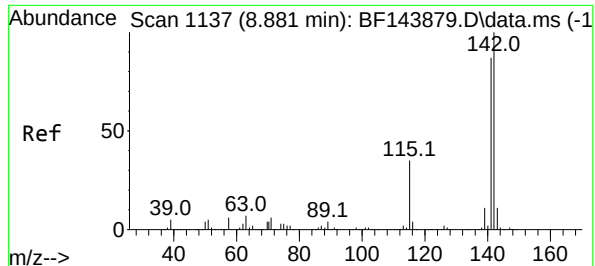
Ion Ratio Lower Upper

107 100

144 28.1 23.1 34.7

142 77.4 62.6 94.0





#37

2-Methylnaphthalene

Concen: 52.814 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

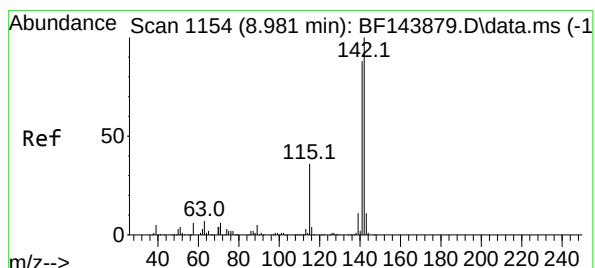
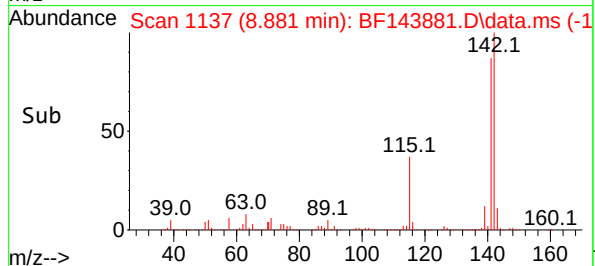
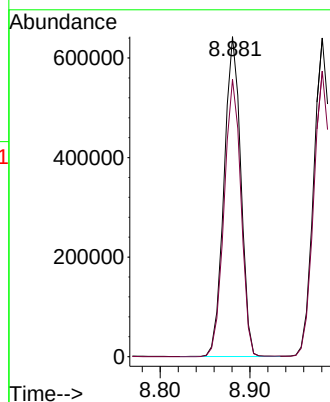
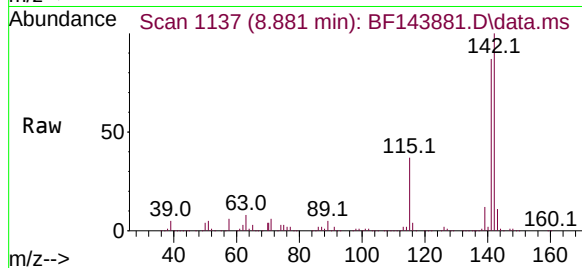
SSTDICC060

Tgt Ion:142 Resp: 838837

Ion Ratio Lower Upper

142 100

141 86.6 69.2 103.8



#38

1-Methylnaphthalene

Concen: 53.405 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143881.D

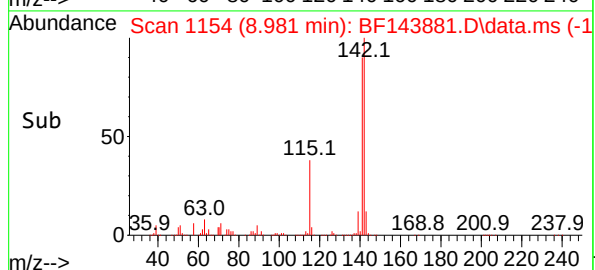
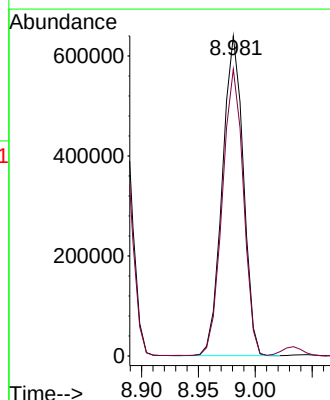
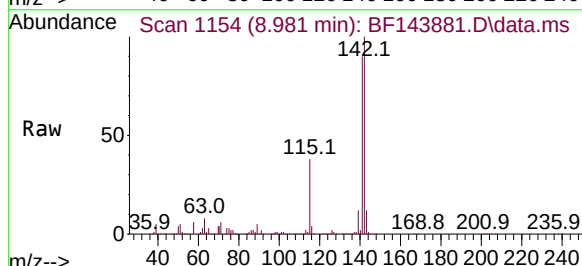
Acq: 06 Oct 2025 13:53

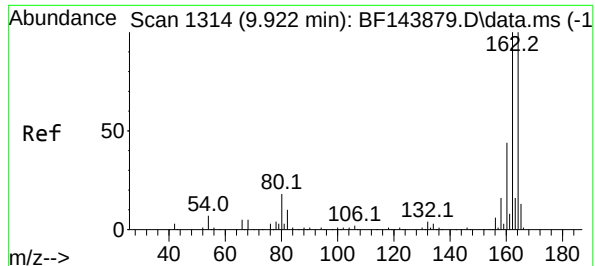
Tgt Ion:142 Resp: 822755

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2

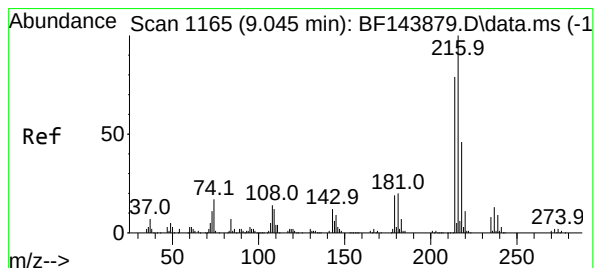
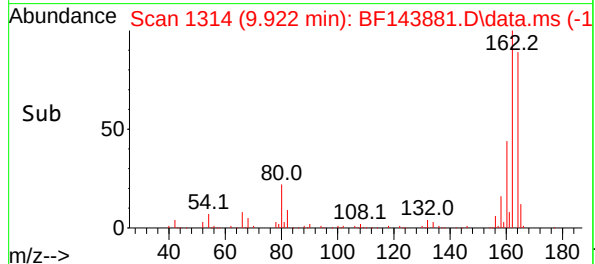
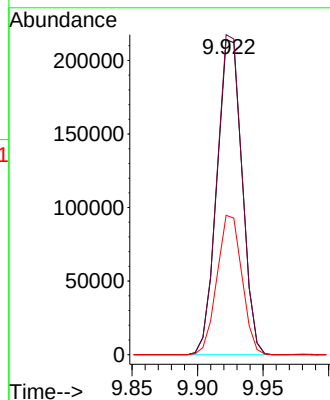
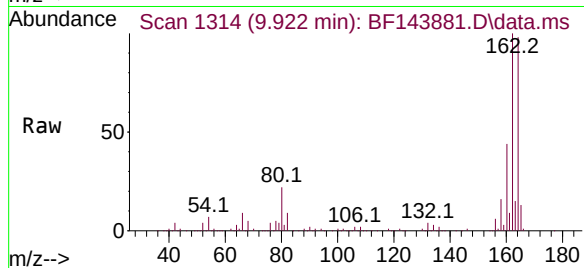




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

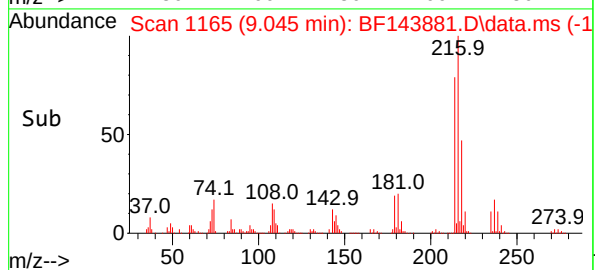
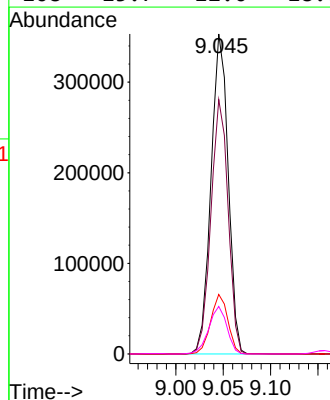
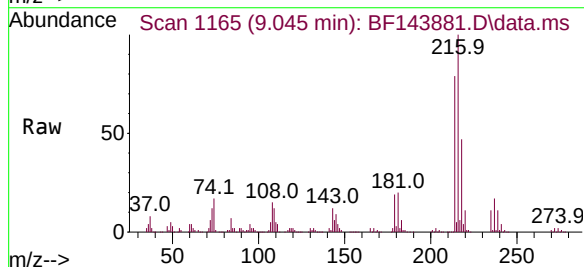
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

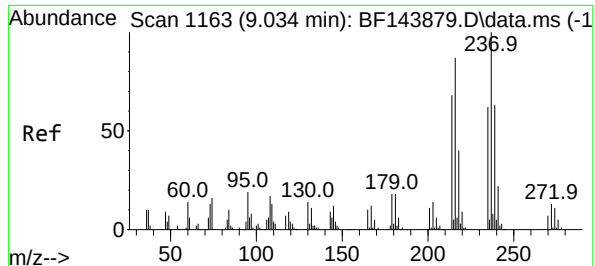
Tgt Ion:164 Resp: 286024
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 44.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.382 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:216 Resp: 445714
Ion Ratio Lower Upper
216 100
214 79.6 62.6 94.0
179 18.5 15.4 23.0
108 15.7 12.0 18.0

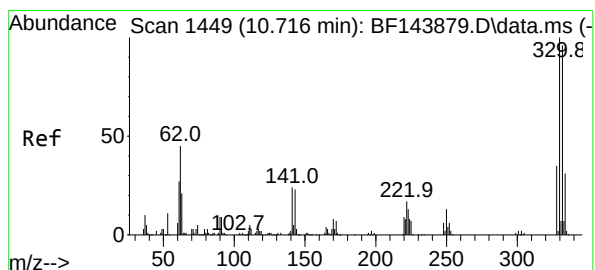
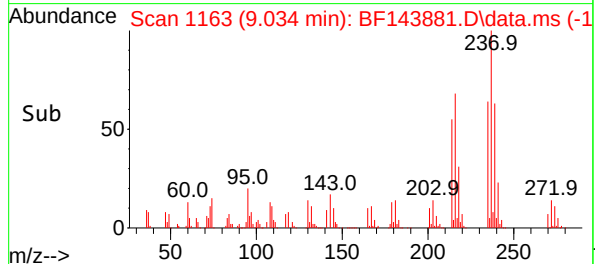
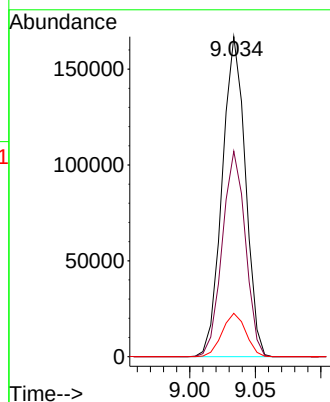
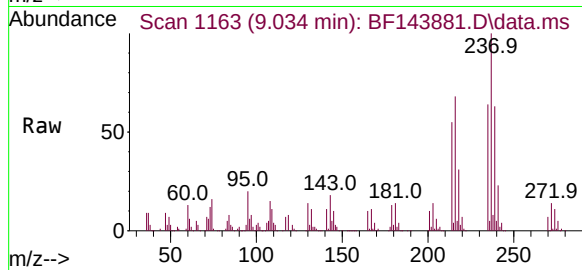




#41
Hexachlorocyclopentadiene
Concen: 62.806 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

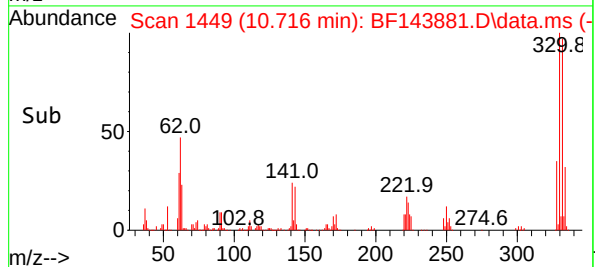
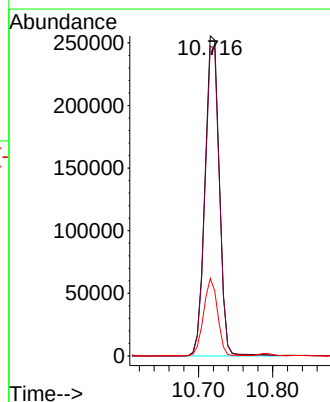
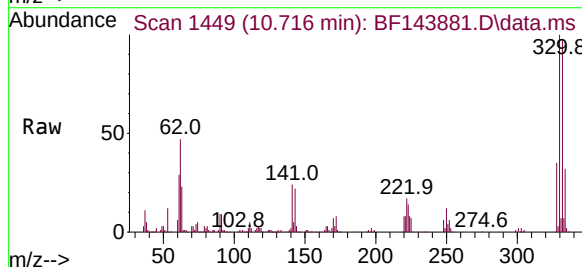
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

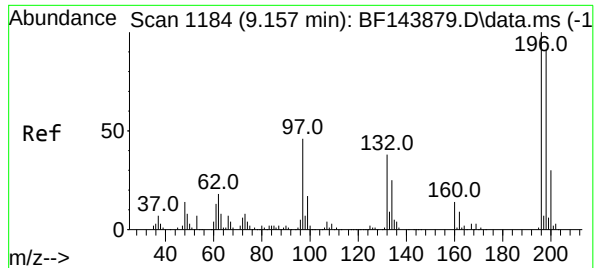
Tgt Ion: 237 Resp: 205978
Ion Ratio Lower Upper
237 100
235 64.2 42.3 82.3
272 13.5 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 120.554 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 330 Resp: 343442
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 23.7 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 58.657 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143881.D

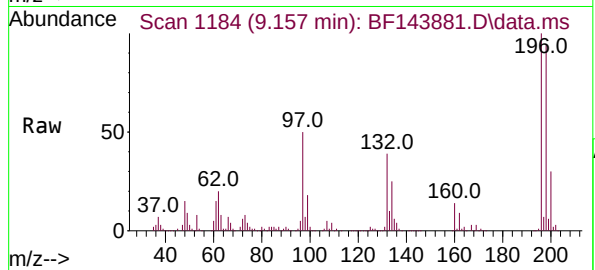
Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



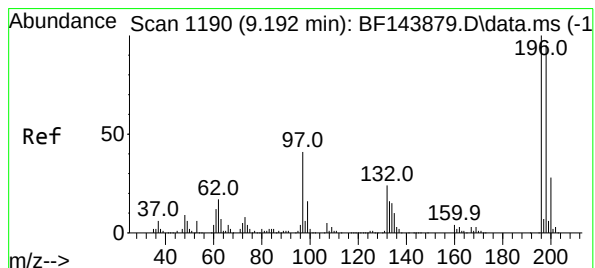
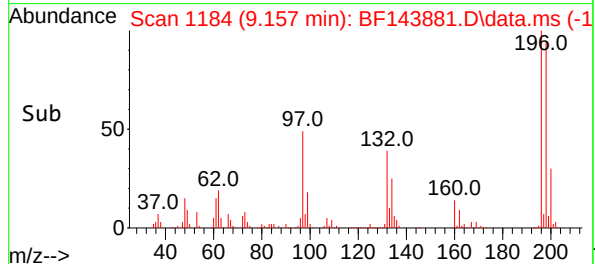
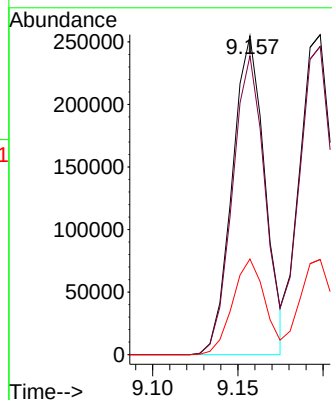
Tgt Ion:196 Resp: 338809

Ion Ratio Lower Upper

196 100

198 93.7 72.8 109.2

200 30.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 56.620 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Tgt Ion:196 Resp: 345605

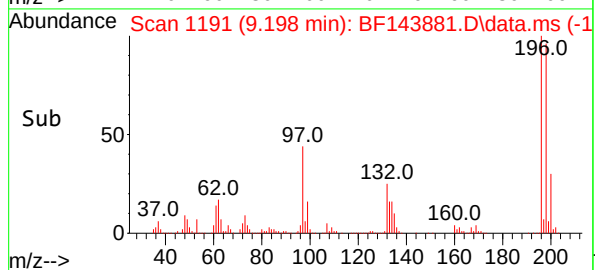
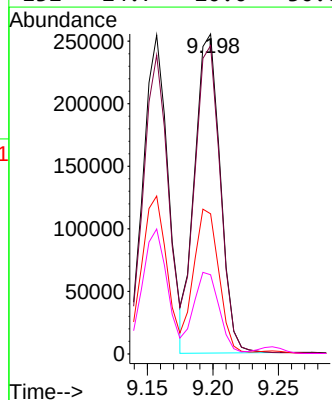
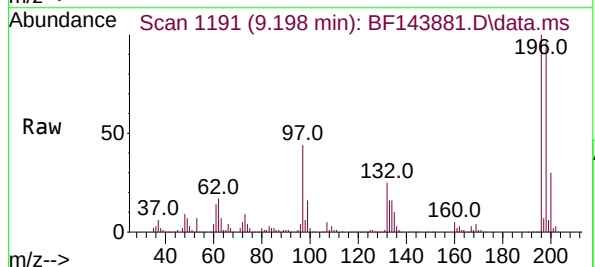
Ion Ratio Lower Upper

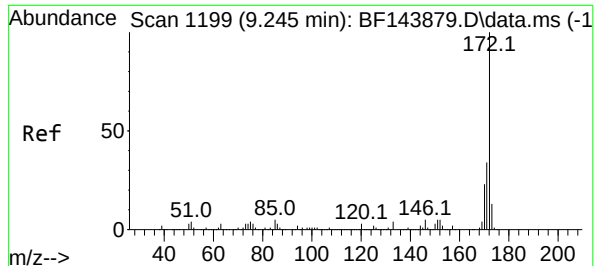
196 100

198 96.3 75.5 113.3

97 43.8 33.9 50.9

132 24.7 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 97.871 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

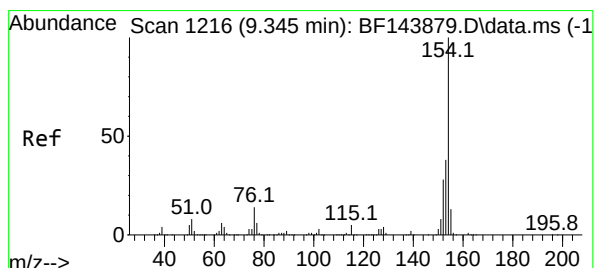
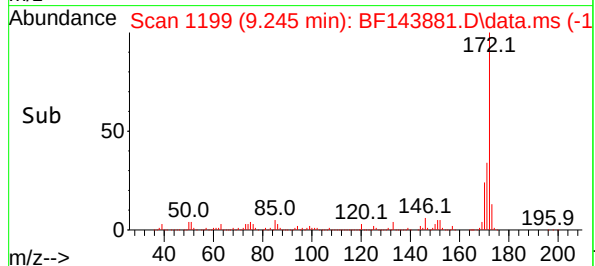
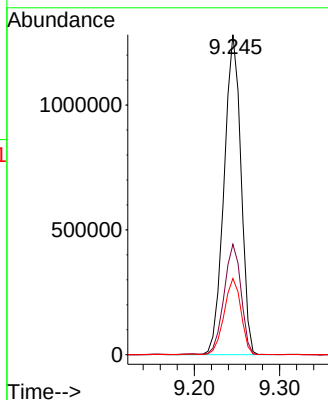
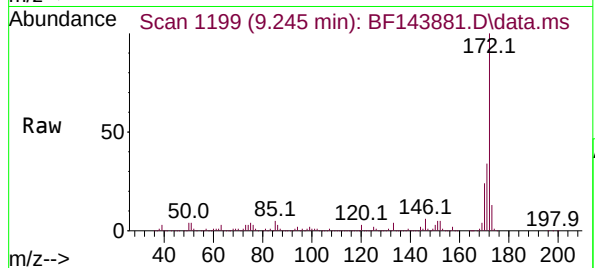
Tgt Ion:172 Resp: 1764203

Ion Ratio Lower Upper

172 100

171 34.5 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 53.040 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

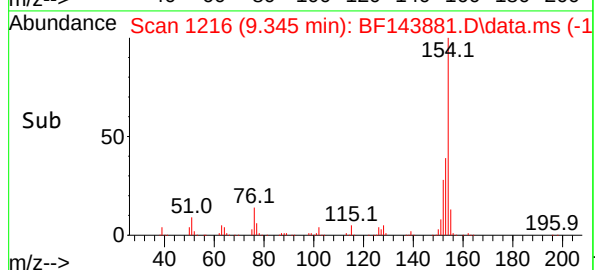
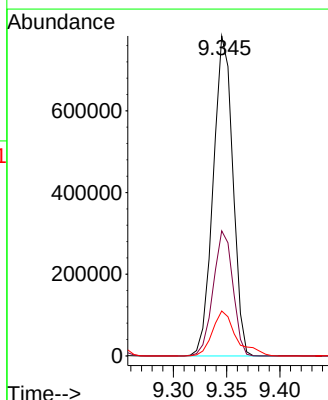
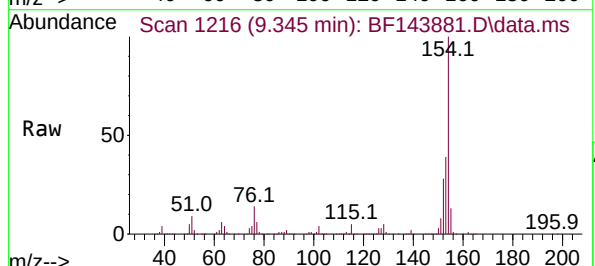
Tgt Ion:154 Resp: 1004440

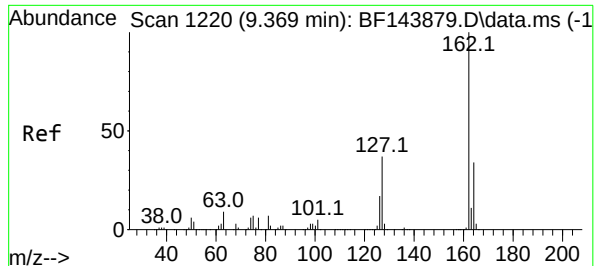
Ion Ratio Lower Upper

154 100

153 39.1 18.4 58.4

76 14.0 0.0 34.0





#47

2-Chloronaphthalene

Concen: 54.531 ng

RT: 9.375 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

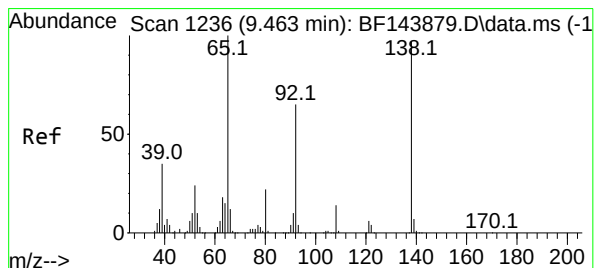
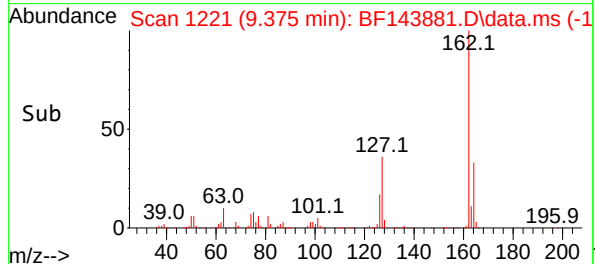
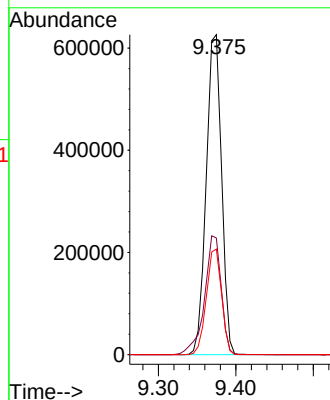
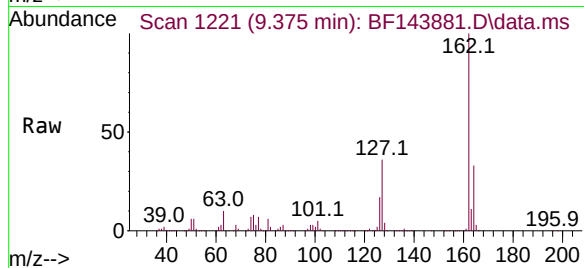
Tgt Ion:162 Resp: 860999

Ion Ratio Lower Upper

162 100

127 36.4 30.2 45.2

164 33.0 26.9 40.3



#48

2-Nitroaniline

Concen: 62.679 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

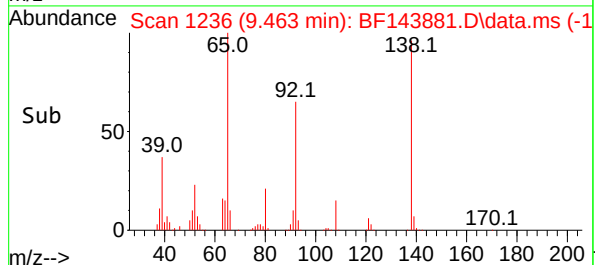
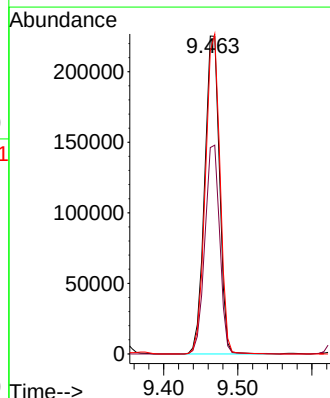
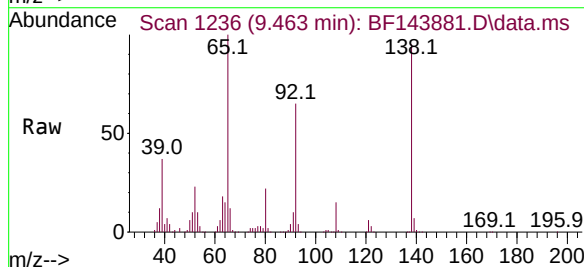
Tgt Ion: 65 Resp: 312884

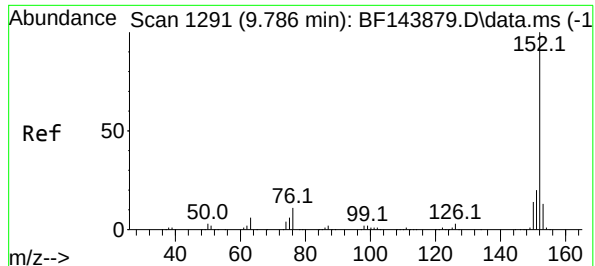
Ion Ratio Lower Upper

65 100

92 64.9 52.1 78.1

138 95.3 77.4 116.2





#49

Acenaphthylene

Concen: 55.140 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

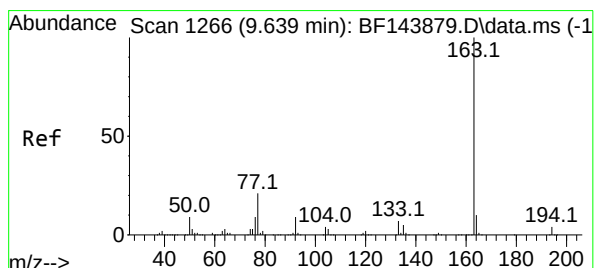
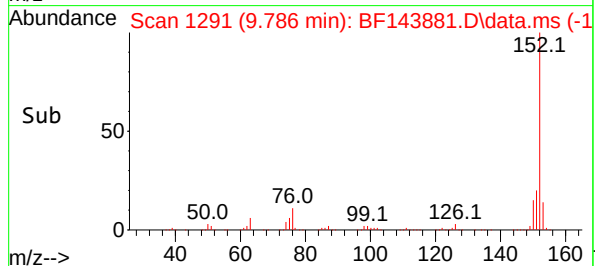
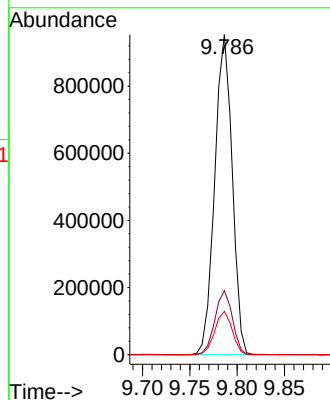
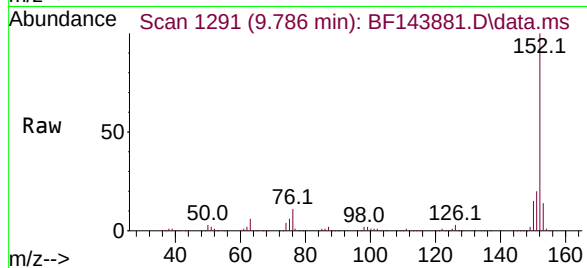
Tgt Ion:152 Resp: 1223951

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.5 10.5 15.7



#50

Dimethylphthalate

Concen: 56.783 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

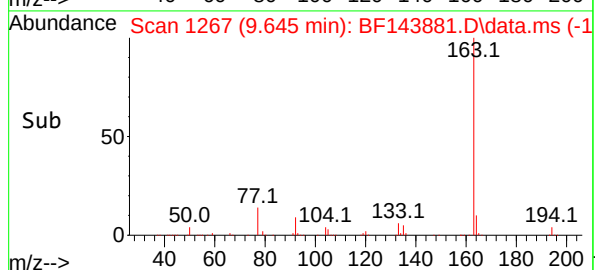
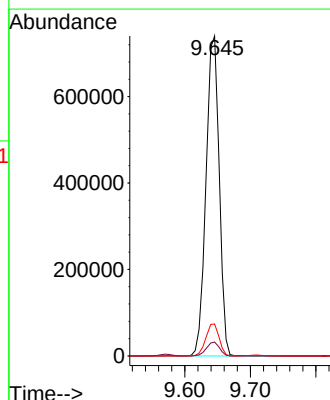
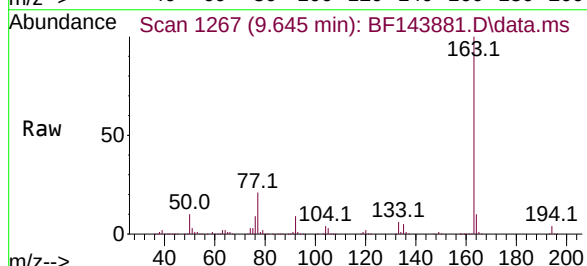
Tgt Ion:163 Resp: 1031391

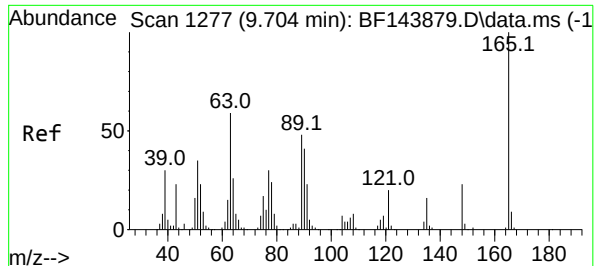
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 63.587 ng

RT: 9.710 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

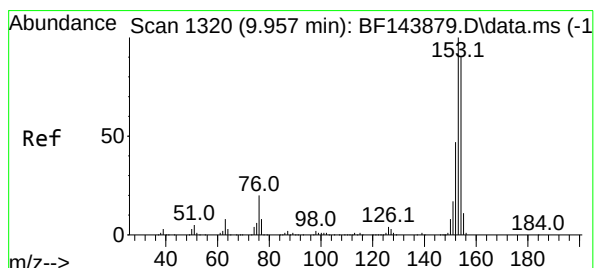
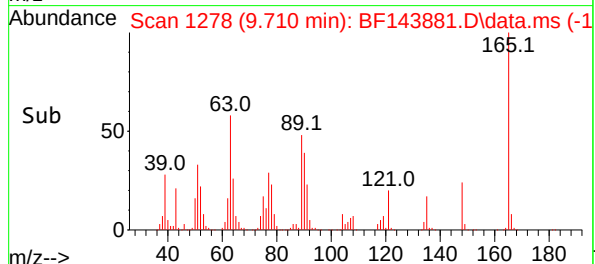
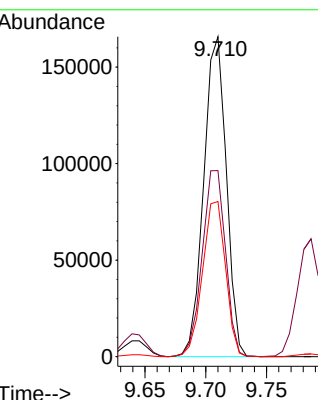
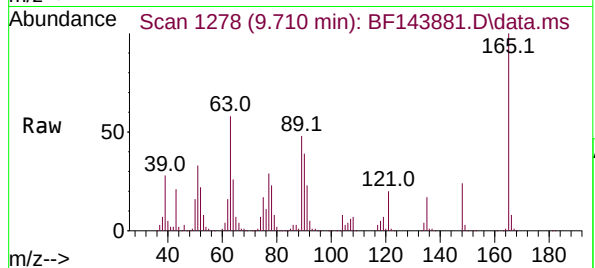
Tgt Ion:165 Resp: 214169

Ion Ratio Lower Upper

165 100

63 58.1 47.3 70.9

89 48.5 38.2 57.4



#52

Acenaphthene

Concen: 55.124 ng

RT: 9.963 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

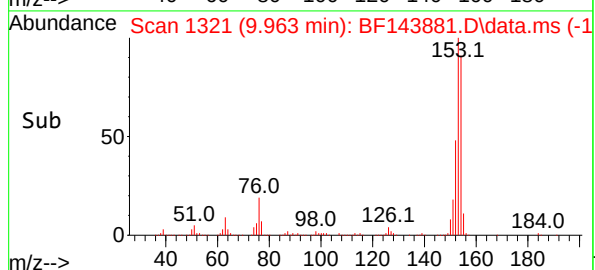
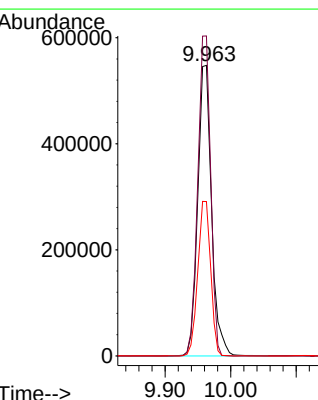
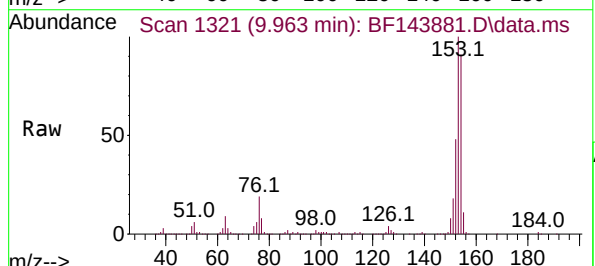
Tgt Ion:154 Resp: 801773

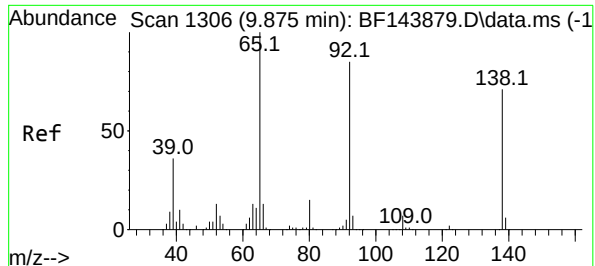
Ion Ratio Lower Upper

154 100

153 110.2 89.3 133.9

152 53.1 42.2 63.2

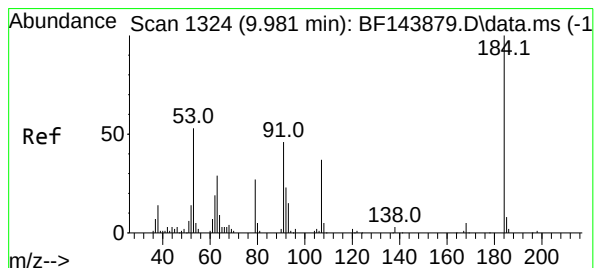
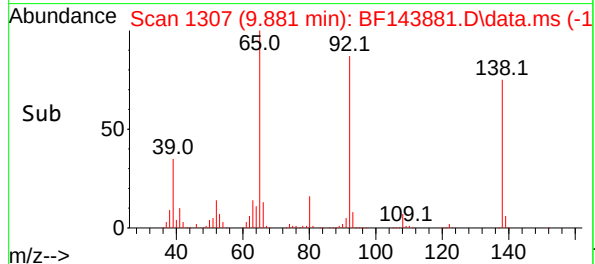
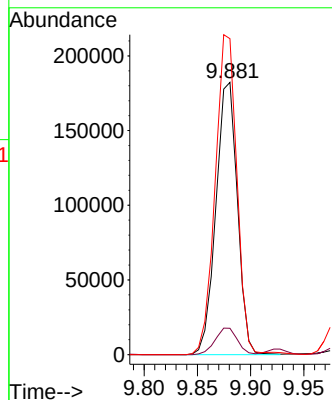
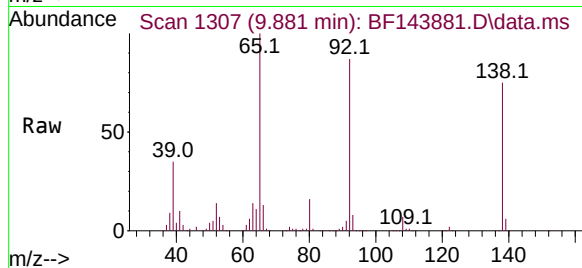




#53
3-Nitroaniline
Concen: 62.070 ng
RT: 9.881 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

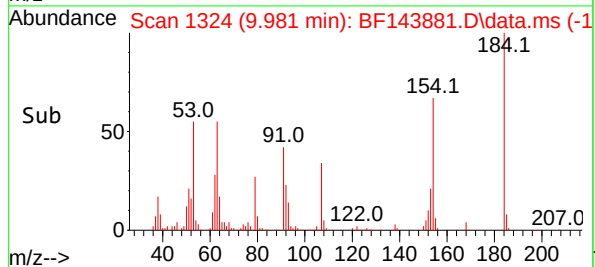
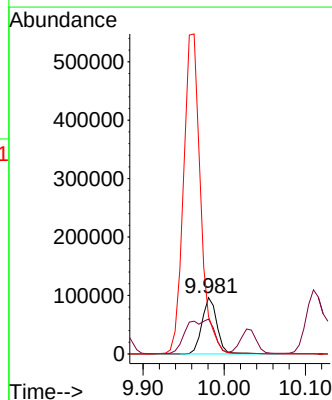
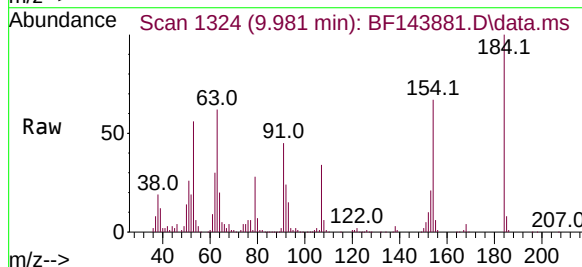
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

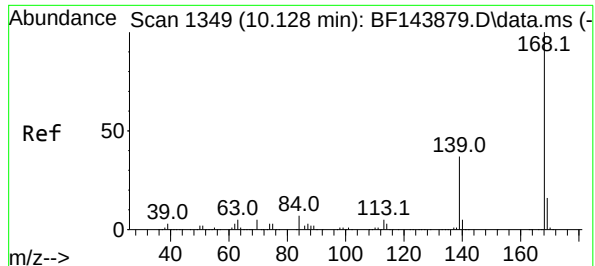
Tgt Ion:138 Resp: 255984
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 116.1 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 61.138 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:184 Resp: 123295
Ion Ratio Lower Upper
184 100
63 61.8 48.2 72.4
154 66.8 49.2 73.8





#55

Dibenzofuran

Concen: 54.120 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

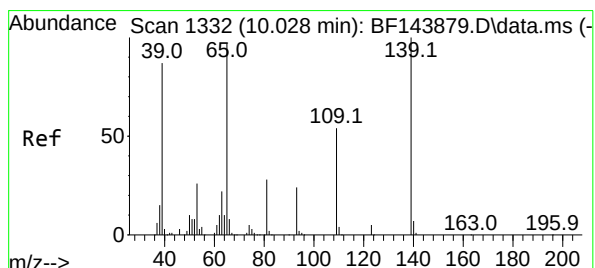
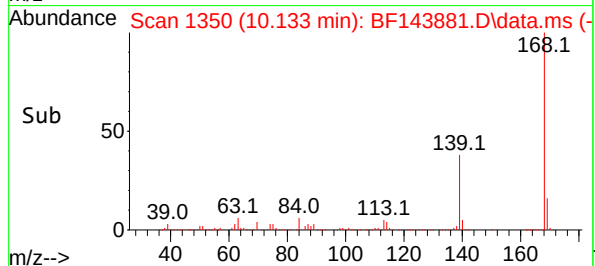
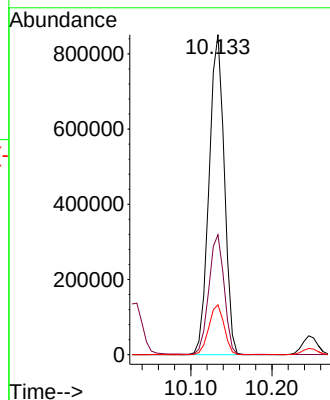
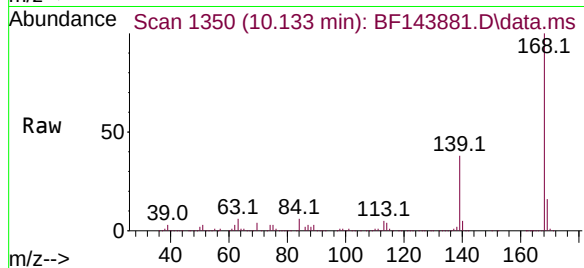
Tgt Ion:168 Resp: 1111183

Ion Ratio Lower Upper

168 100

139 37.5 29.8 44.8

169 15.6 12.8 19.2



#56

4-Nitrophenol

Concen: 62.550 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

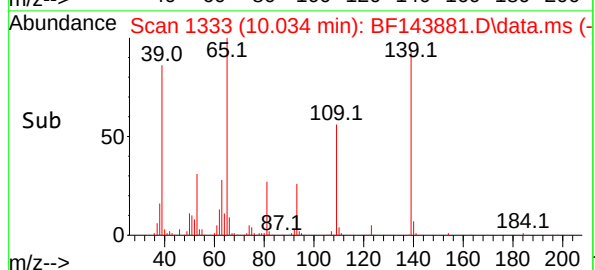
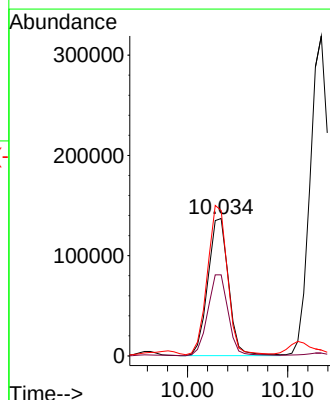
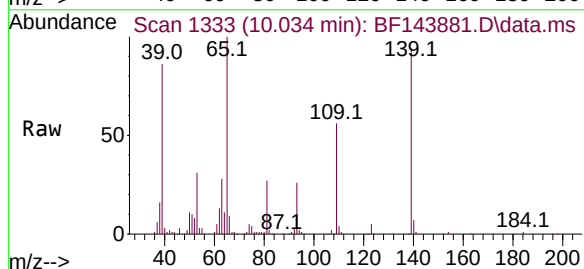
Tgt Ion:139 Resp: 195321

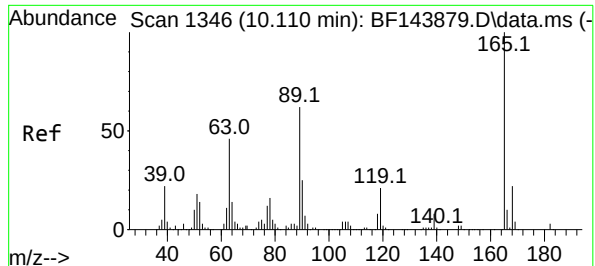
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

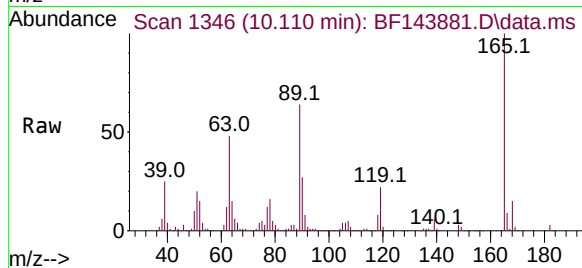
65 105.8 77.6 117.6



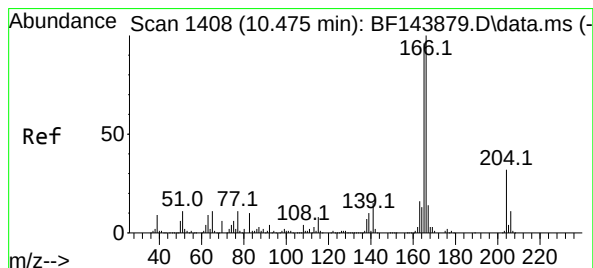
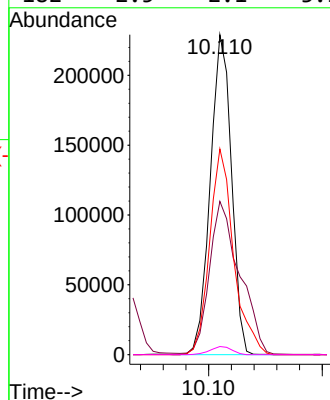
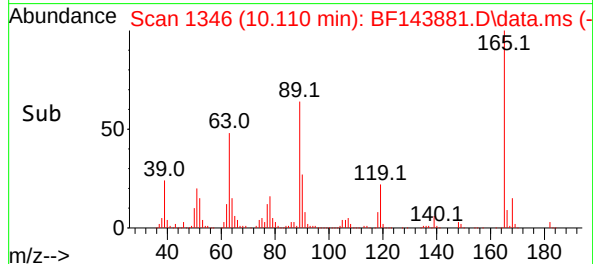


#57
2,4-Dinitrotoluene
Concen: 64.812 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

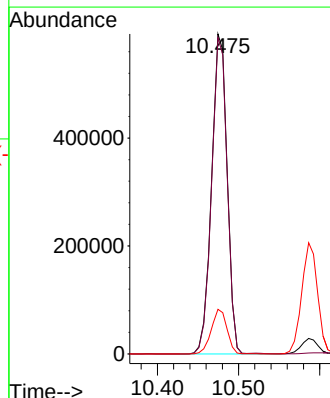
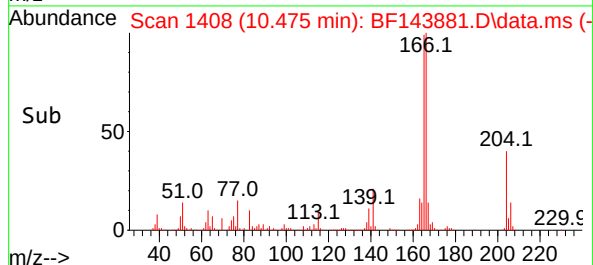
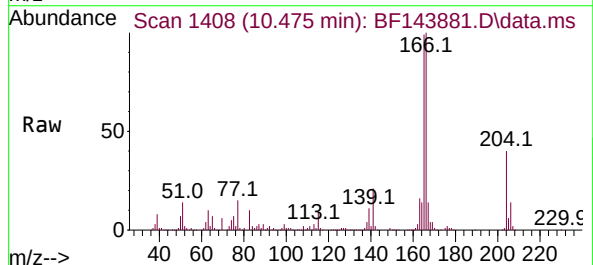


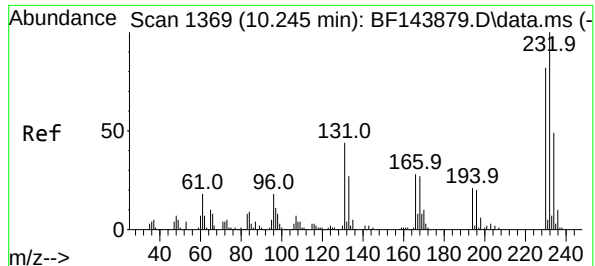
Tgt Ion:165 Resp: 297018
Ion Ratio Lower Upper
165 100
63 47.9 37.2 55.8
89 64.3 49.4 74.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 51.090 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:166 Resp: 791518
Ion Ratio Lower Upper
166 100
165 98.8 77.0 115.6
167 13.9 11.1 16.7

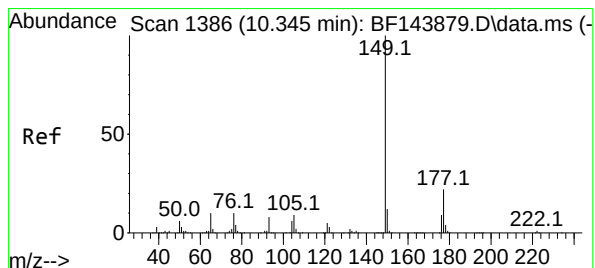
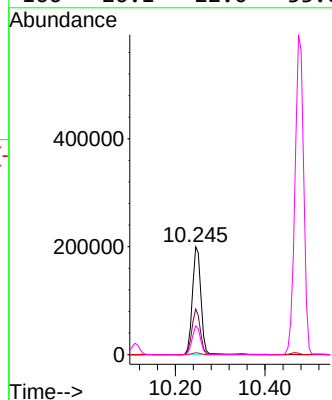
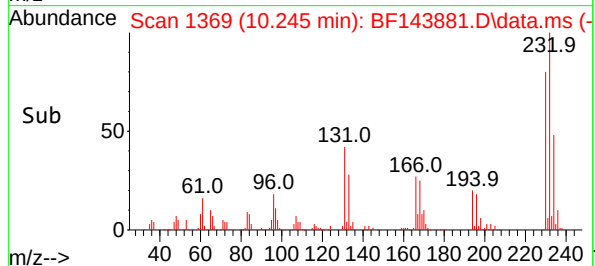
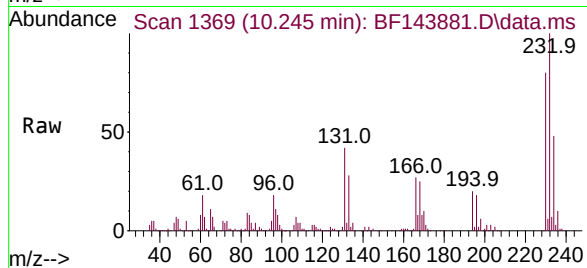




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.283 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

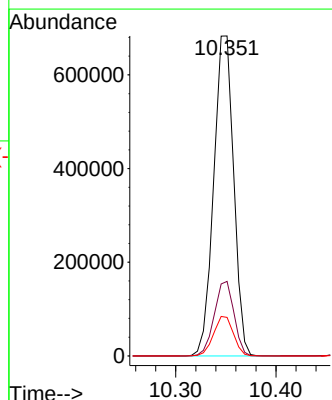
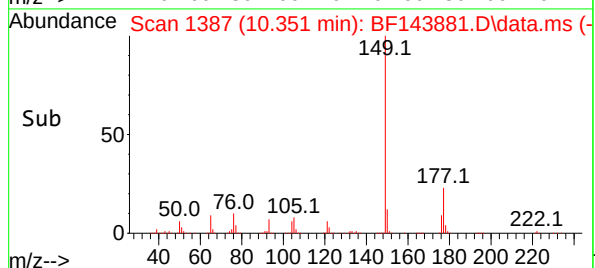
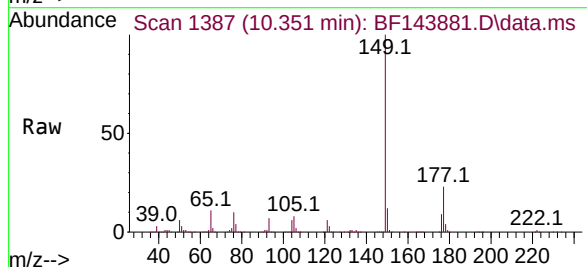
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

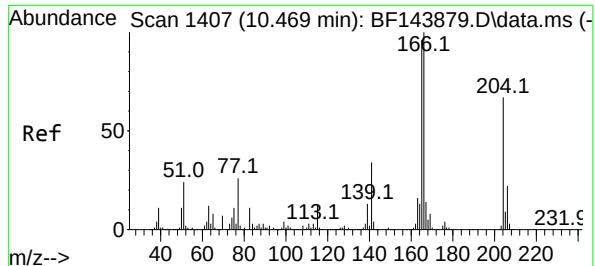
Tgt Ion:232 Resp: 264796
Ion Ratio Lower Upper
232 100
131 41.1 34.9 52.3
130 1.6 1.6 2.4#
166 26.1 22.0 33.0



#60
Diethylphthalate
Concen: 56.214 ng
RT: 10.351 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 948580
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 12.0 9.8 14.8

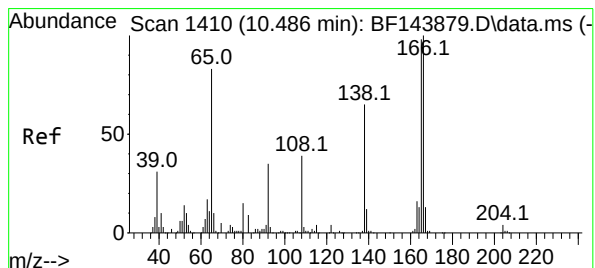
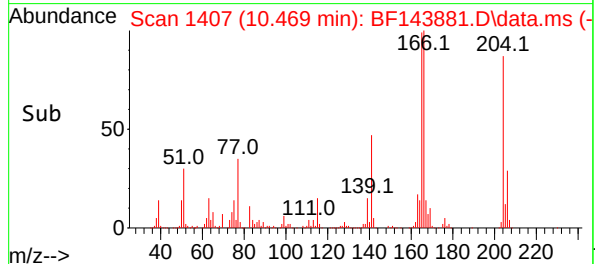
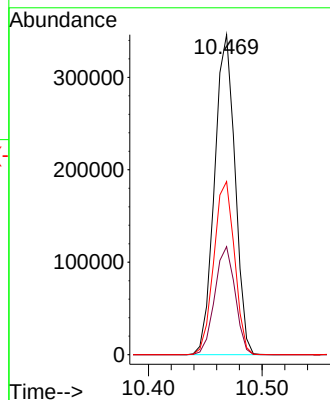
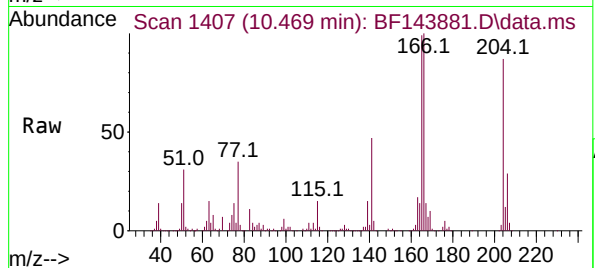




#61
4-Chlorophenyl-phenylether
Concen: 52.905 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

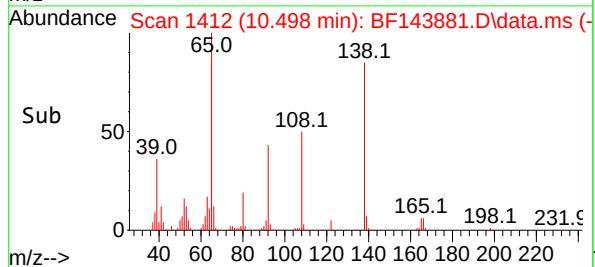
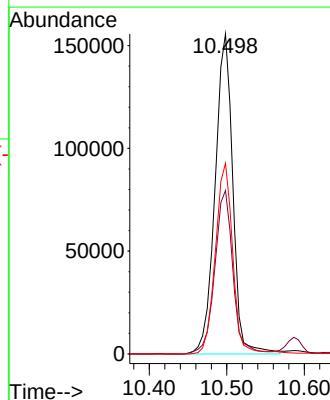
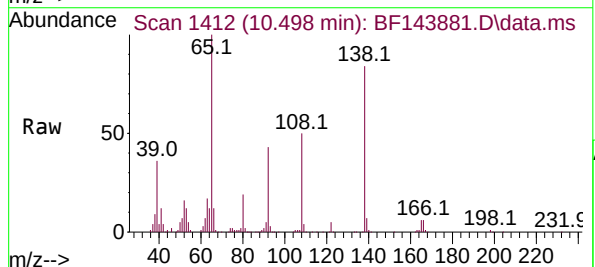
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

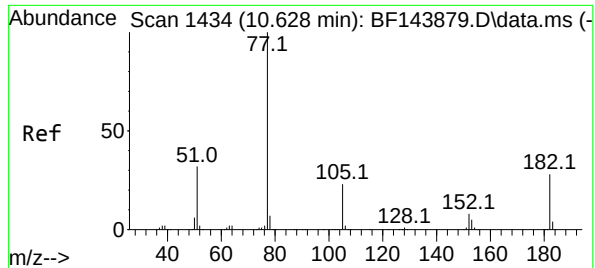
Tgt Ion:204 Resp: 433339
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 54.1 40.4 60.6



#62
4-Nitroaniline
Concen: 62.288 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:138 Resp: 247024
Ion Ratio Lower Upper
138 100
92 51.1 33.9 73.9
108 59.6 40.2 80.2

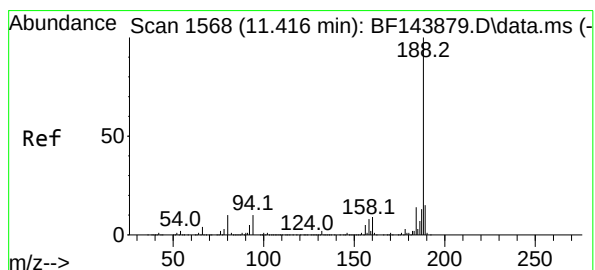
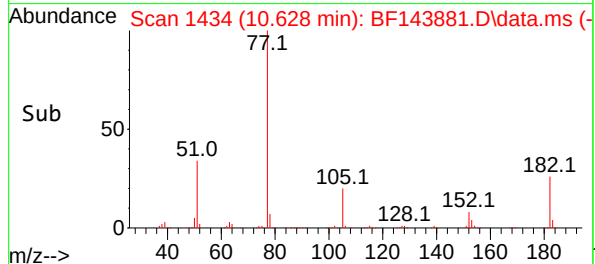
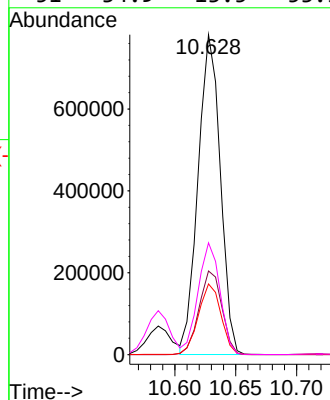
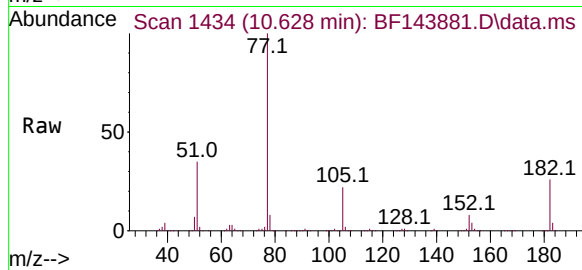




#63
Azobenzene
Concen: 56.252 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

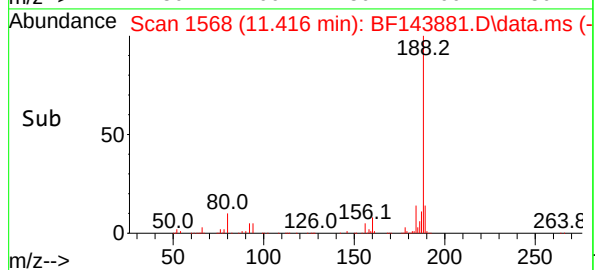
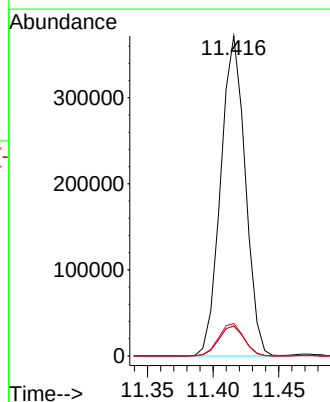
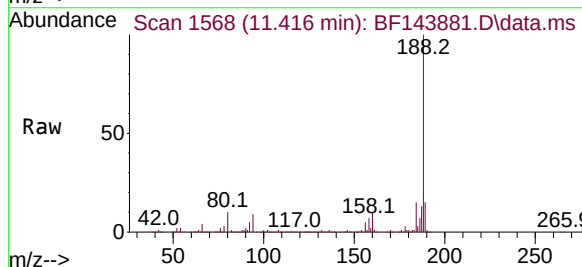
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

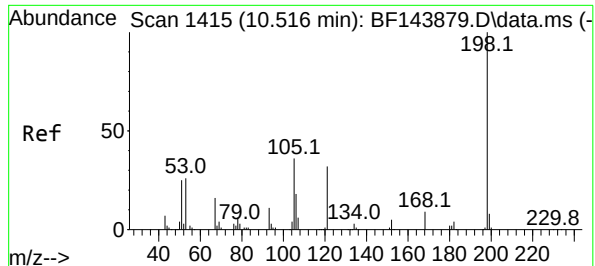
Tgt Ion: 77	Resp: 992054
Ion Ratio	Lower Upper
77	100
182	26.1 7.3 47.3
105	22.1 3.0 43.0
51	34.9 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion: 188	Resp: 485489
Ion Ratio	Lower Upper
188	100
94	9.3 7.8 11.6
80	10.1 7.9 11.9

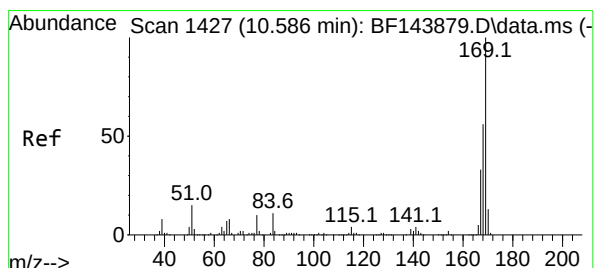
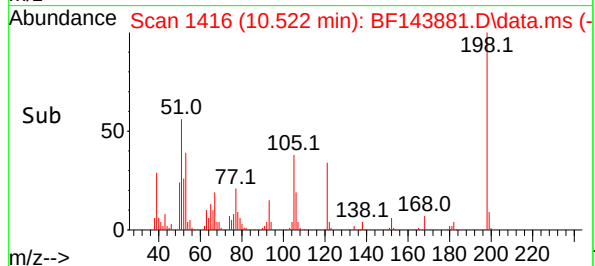
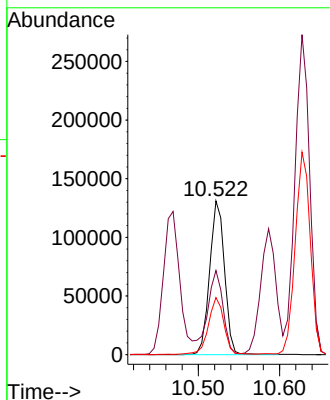
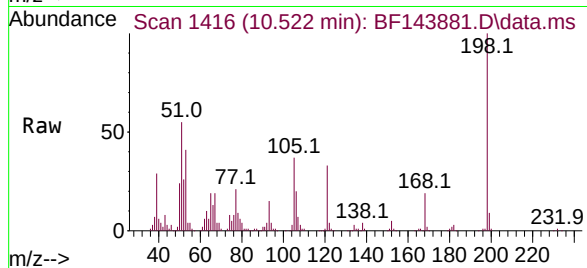




#65
4,6-Dinitro-2-methylphenol
Concen: 68.344 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

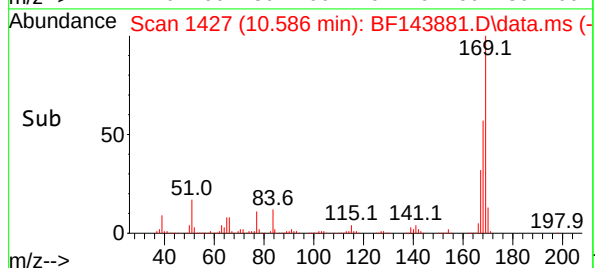
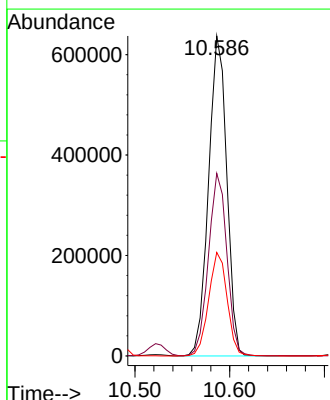
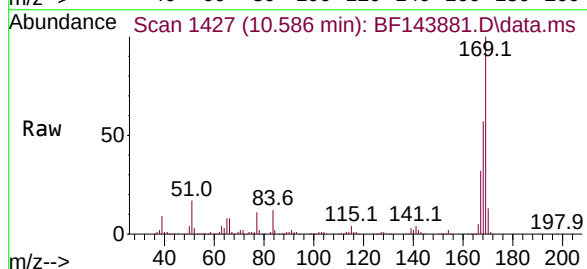
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

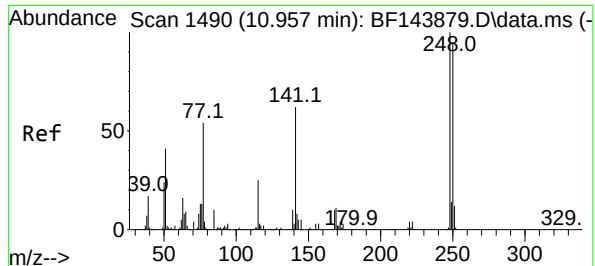
Tgt Ion:198 Resp: 166740
Ion Ratio Lower Upper
198 100
51 54.7 33.8 73.8
105 37.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 55.797 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

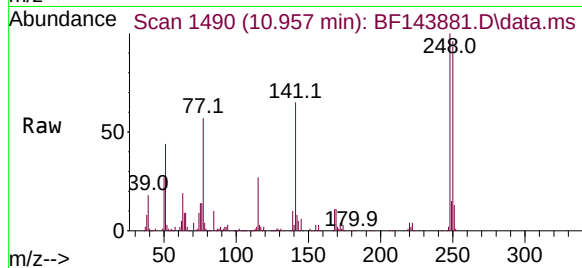
Tgt Ion:169 Resp: 850570
Ion Ratio Lower Upper
169 100
168 57.0 44.9 67.3
167 32.3 26.3 39.5



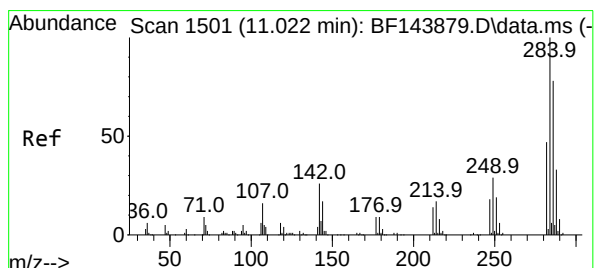
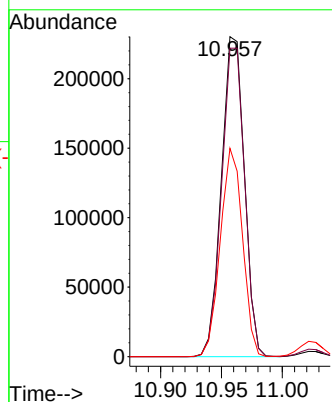
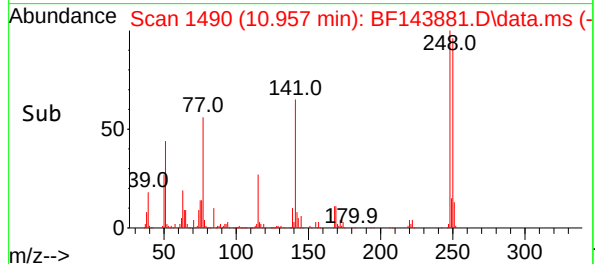


#67
4-Bromophenyl-phenylether
Concen: 56.317 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

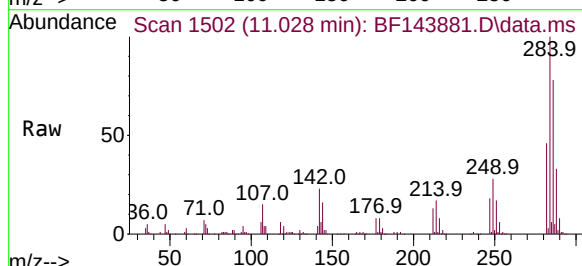
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



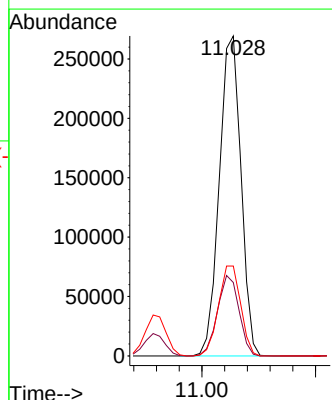
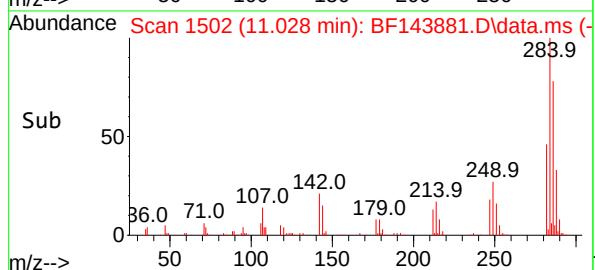
Tgt Ion:248 Resp: 302165
Ion Ratio Lower Upper
248 100
250 96.4 76.3 114.5
141 65.1 49.7 74.5

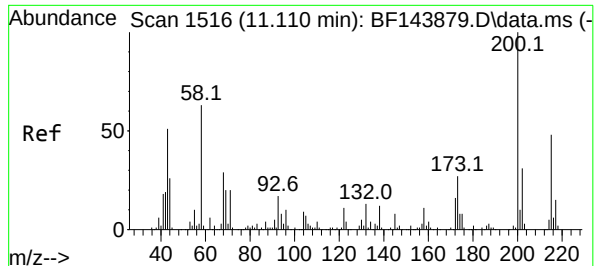


#68
Hexachlorobenzene
Concen: 57.378 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53



Tgt Ion:284 Resp: 356406
Ion Ratio Lower Upper
284 100
142 22.9 20.6 30.8
249 28.1 23.2 34.8





#69

Atrazine

Concen: 55.713 ng

RT: 11.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

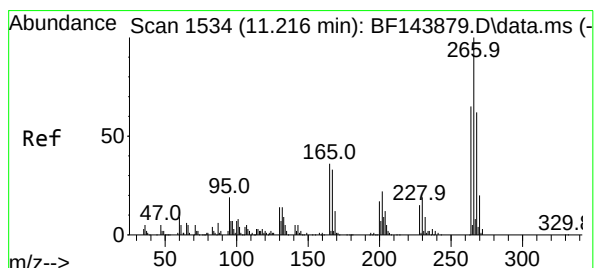
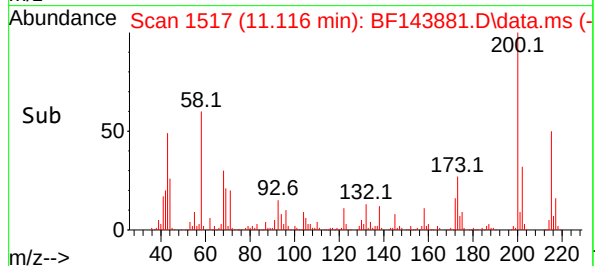
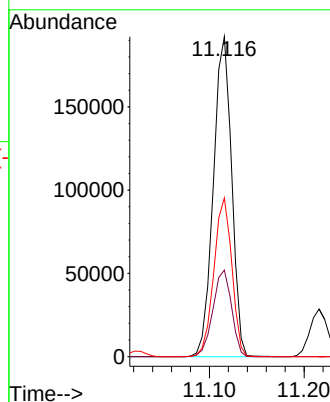
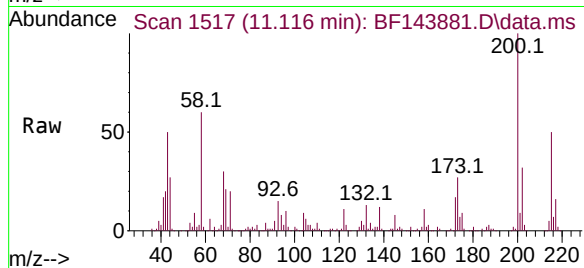
Tgt Ion:200 Resp: 257412

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 49.6 27.8 67.8



#70

Pentachlorophenol

Concen: 62.792 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

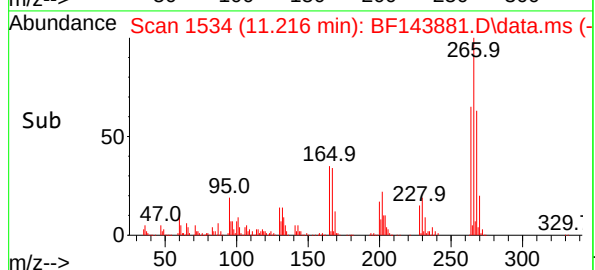
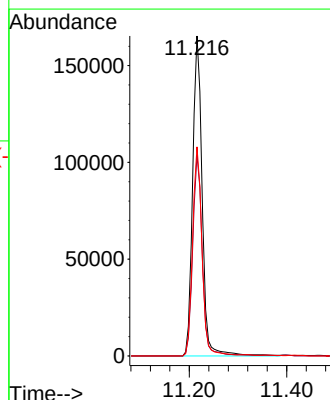
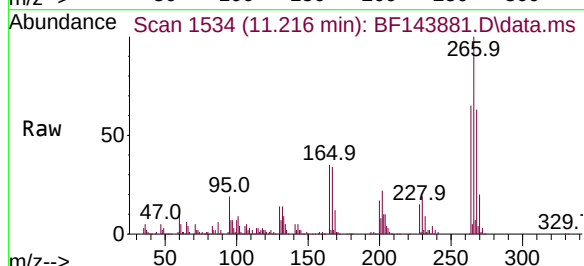
Tgt Ion:266 Resp: 224011

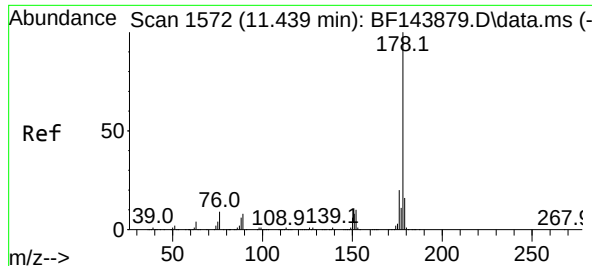
Ion Ratio Lower Upper

266 100

268 62.7 49.4 74.0

264 65.3 51.8 77.6





#71

Phenanthrene

Concen: 53.961 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

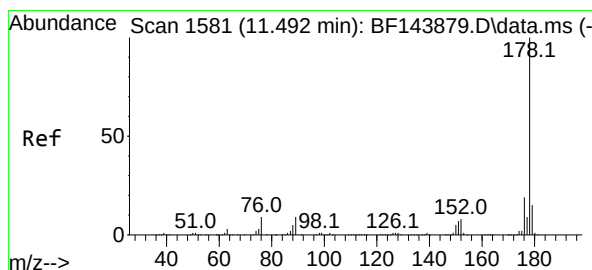
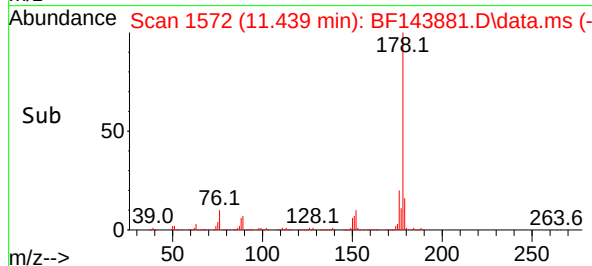
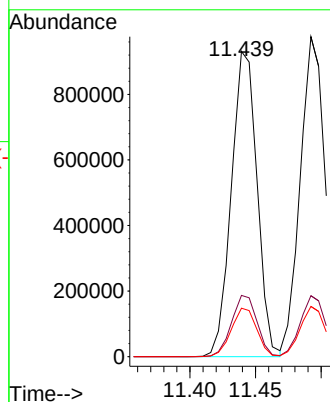
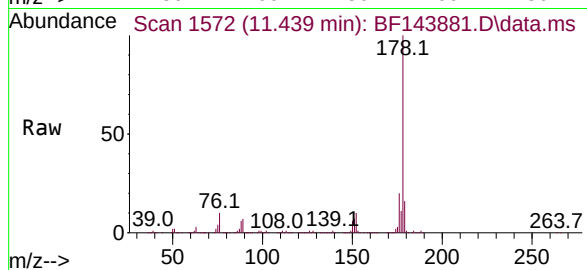
Tgt Ion:178 Resp: 1270063

Ion Ratio Lower Upper

178 100

176 20.1 15.9 23.9

179 15.9 12.4 18.6



#72

Anthracene

Concen: 53.956 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

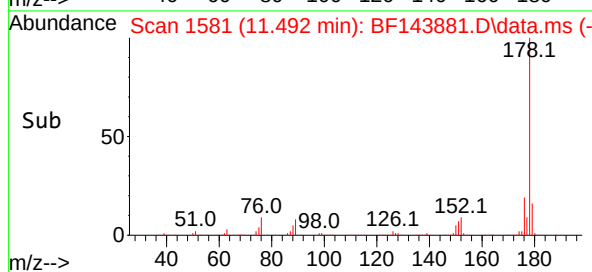
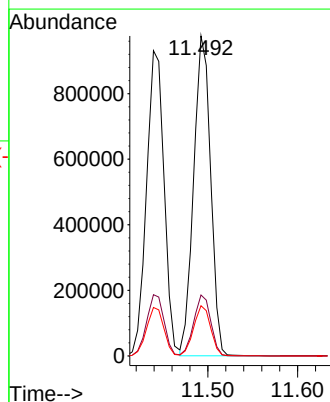
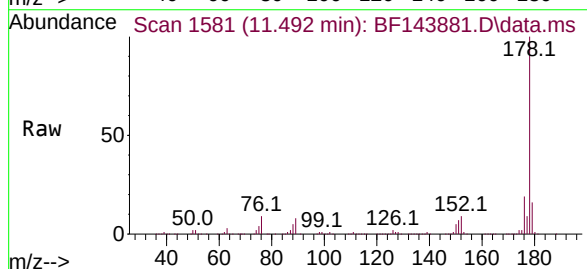
Tgt Ion:178 Resp: 1282940

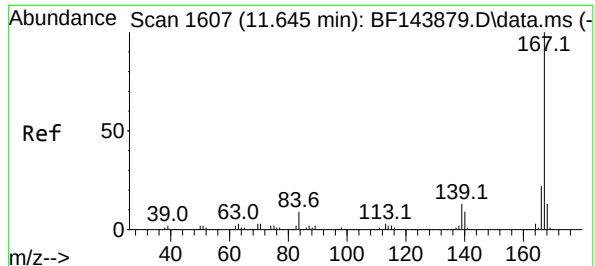
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

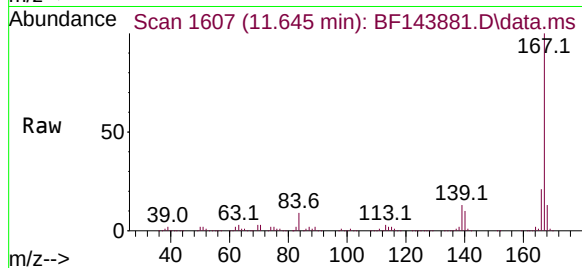
179 15.7 12.2 18.2



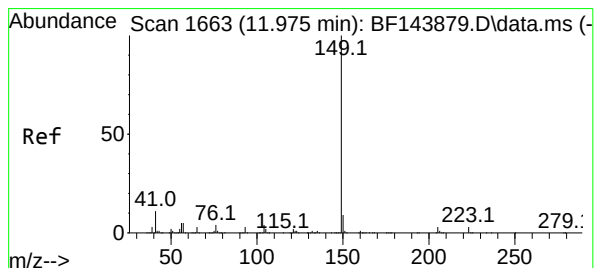
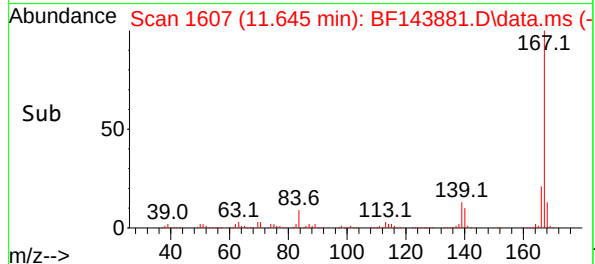
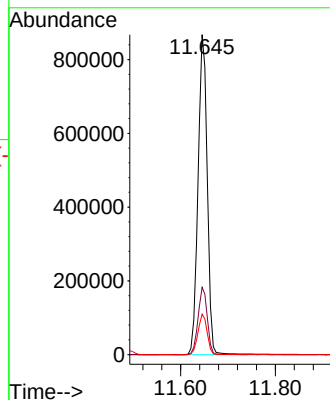


#73
Carbazole
Concen: 55.592 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

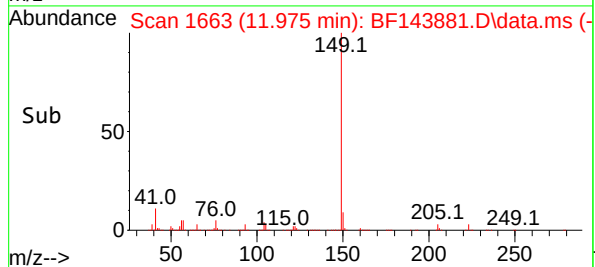
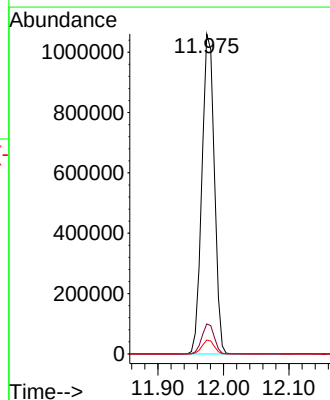
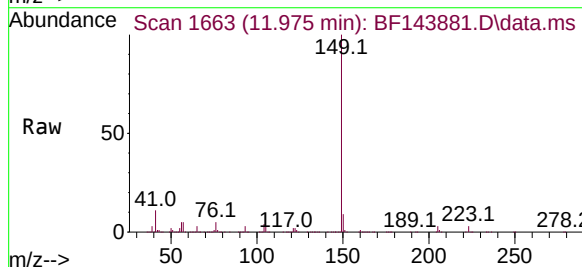


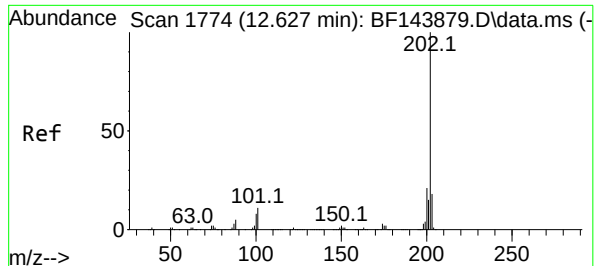
Tgt Ion:167 Resp: 1170717
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 12.6 10.1 15.1



#74
Di-n-butylphthalate
Concen: 56.934 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:149 Resp: 1389569
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.3 3.4 5.2

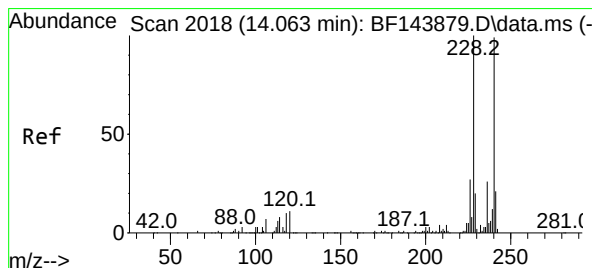
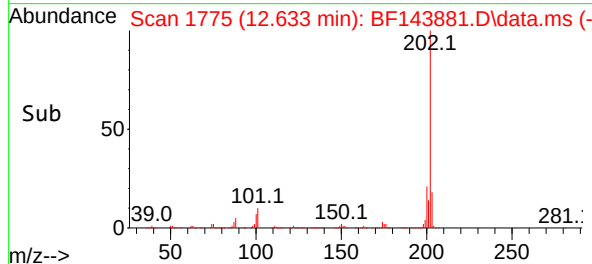
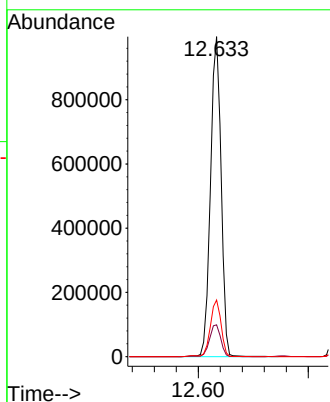
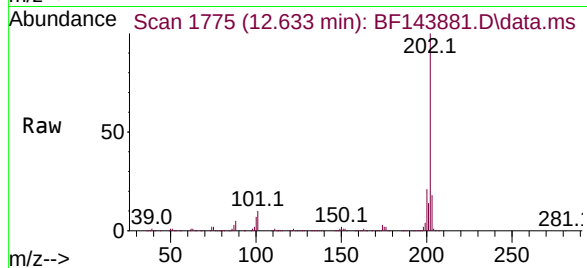




#75
Fluoranthene
Concen: 54.530 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

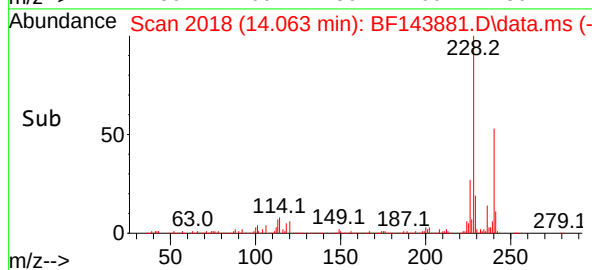
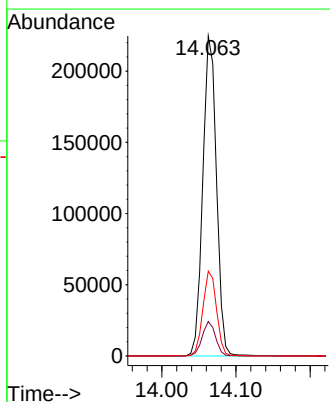
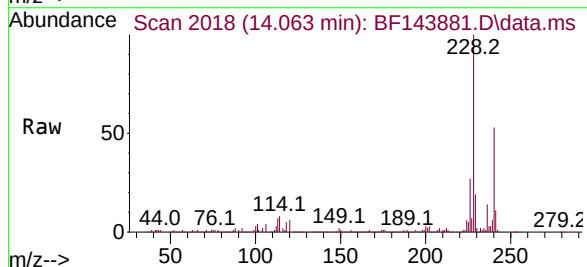
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

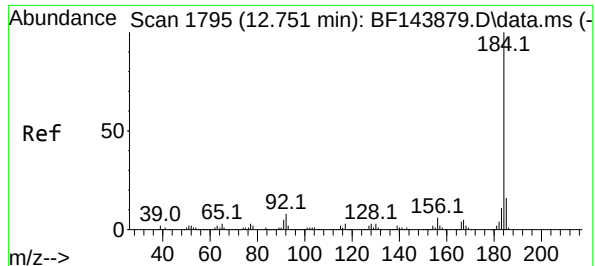
Tgt Ion:202 Resp: 1325716
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:240 Resp: 287097
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 26.5 21.1 31.7





#77

Benzidine

Concen: 55.312 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

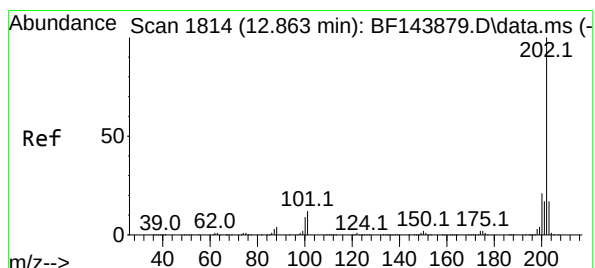
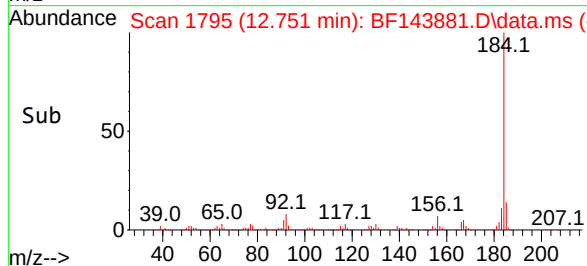
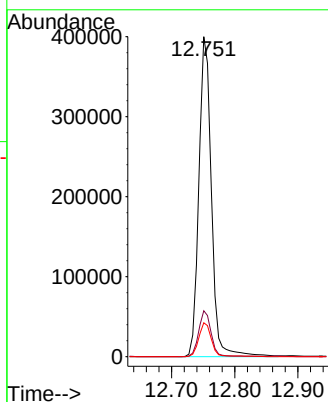
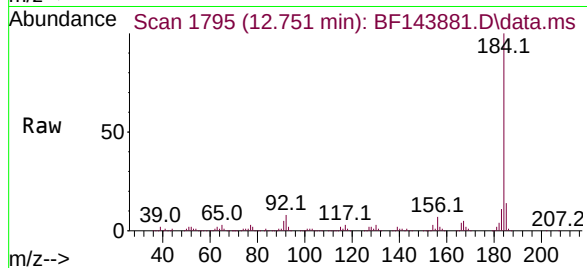
Tgt Ion:184 Resp: 551394

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

183 10.6 8.8 13.2



#78

Pyrene

Concen: 56.800 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

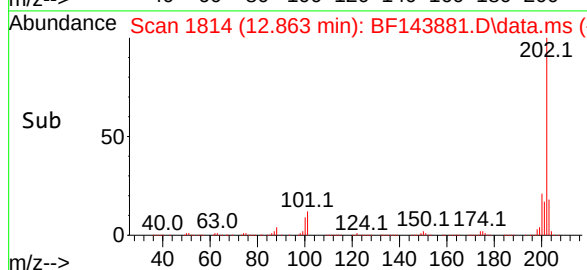
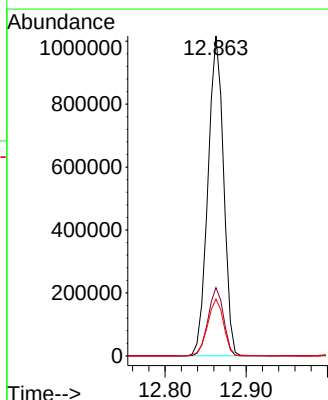
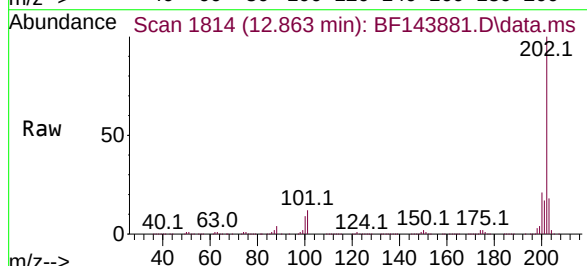
Tgt Ion:202 Resp: 1359513

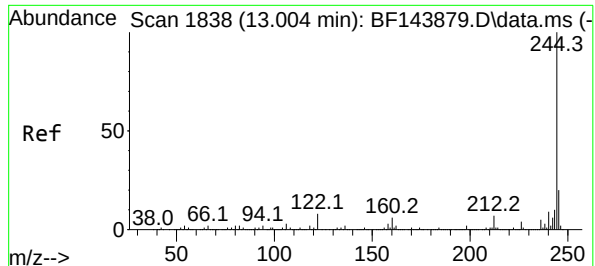
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.8 13.8 20.6





#79

Terphenyl-d14

Concen: 110.799 ng

RT: 13.004 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

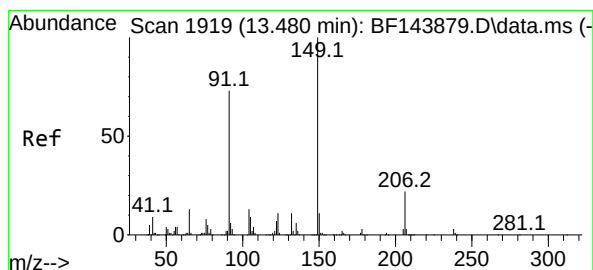
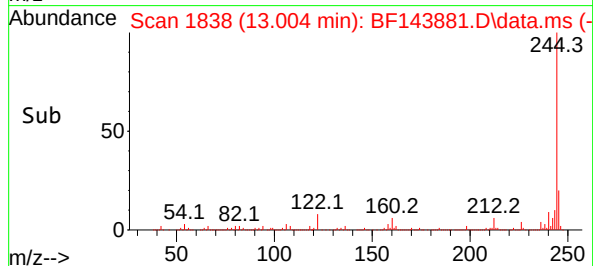
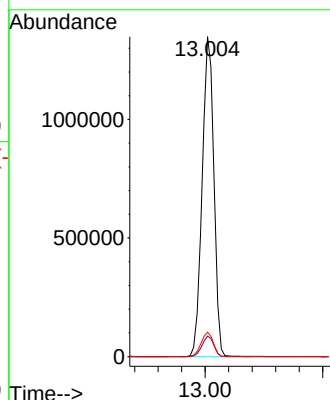
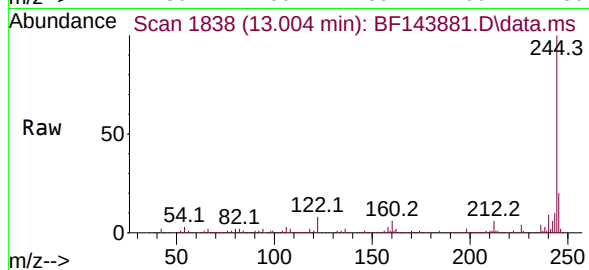
Tgt Ion:244 Resp: 1861234

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 7.6 6.4 9.6



#80

Butylbenzylphthalate

Concen: 61.293 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

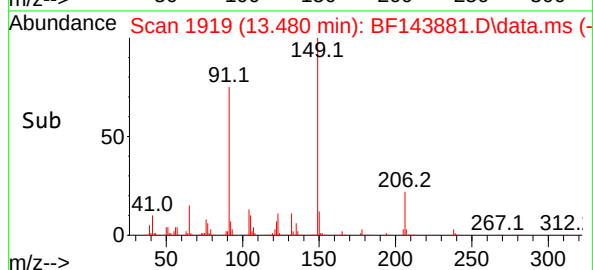
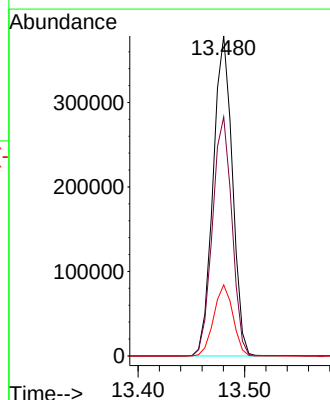
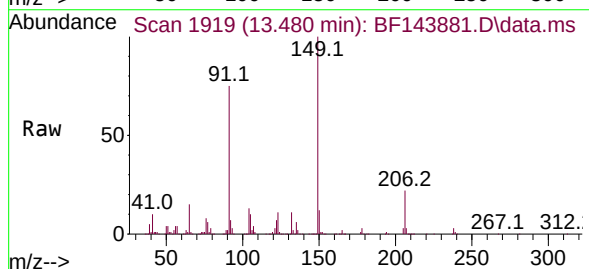
Tgt Ion:149 Resp: 476448

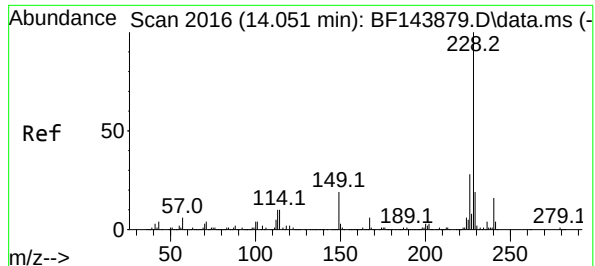
Ion Ratio Lower Upper

149 100

91 74.7 58.2 87.2

206 22.2 17.9 26.9





#81

Benzo(a)anthracene

Concen: 59.168 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

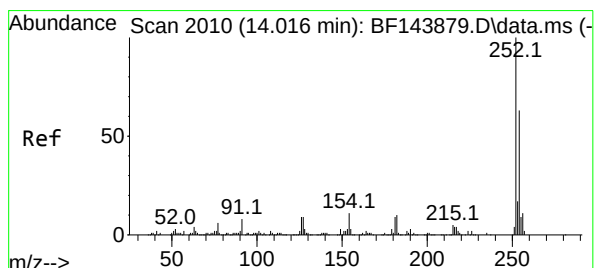
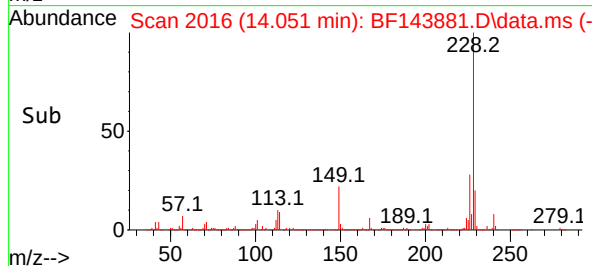
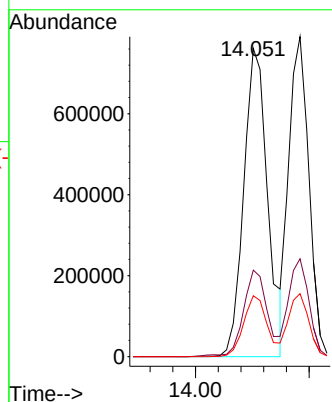
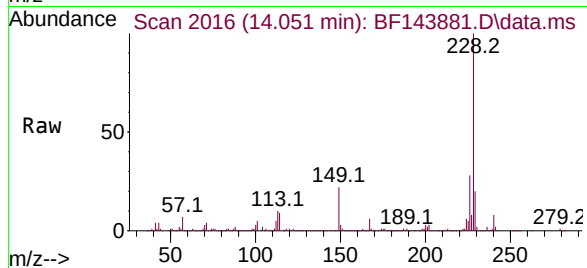
Tgt Ion:228 Resp: 1111626

Ion Ratio Lower Upper

228 100

226 28.1 22.2 33.2

229 19.8 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 60.756 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

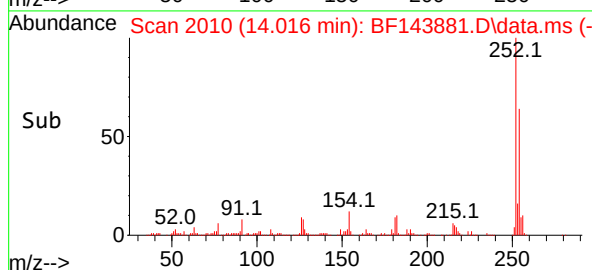
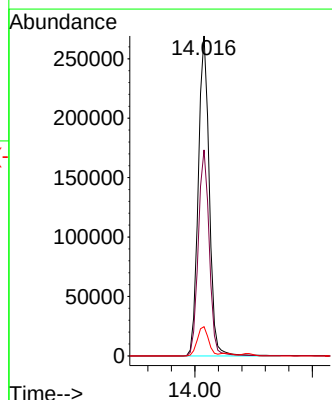
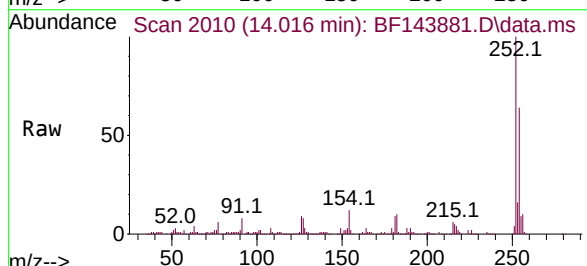
Tgt Ion:252 Resp: 347863

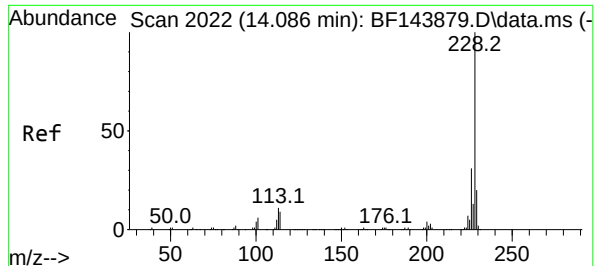
Ion Ratio Lower Upper

252 100

254 64.4 50.6 76.0

126 9.1 7.0 10.6





#83

Chrysene

Concen: 55.770 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

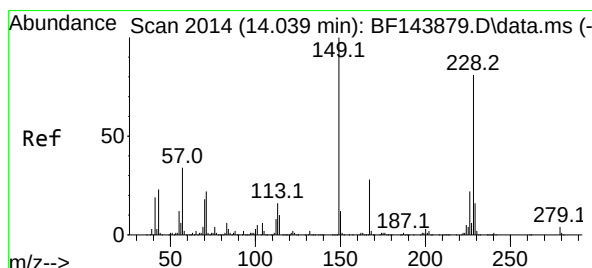
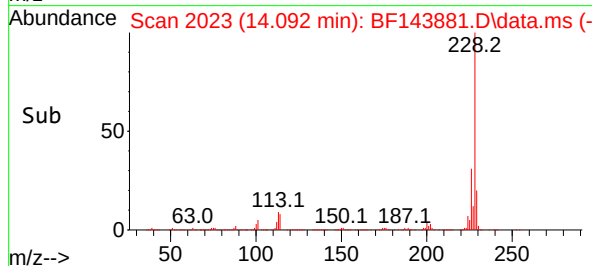
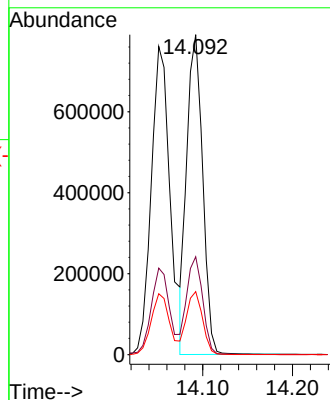
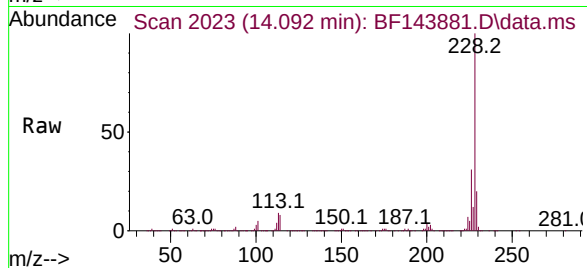
Tgt Ion:228 Resp: 969765

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.7 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.804 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

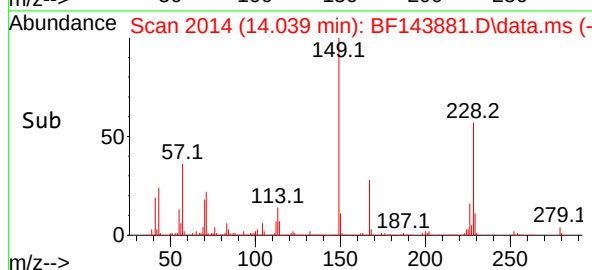
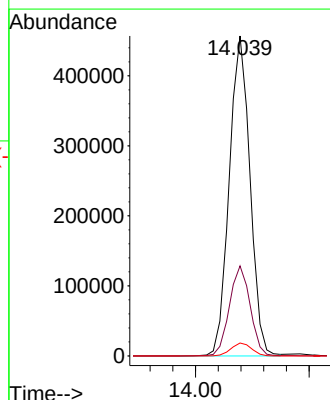
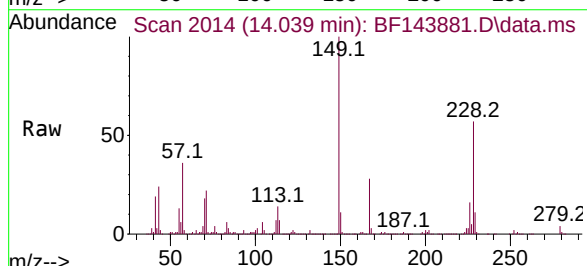
Tgt Ion:149 Resp: 579121

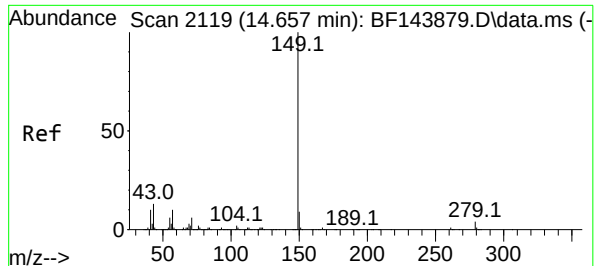
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 4.0 3.1 4.7

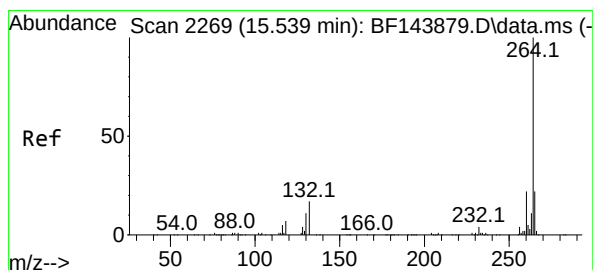
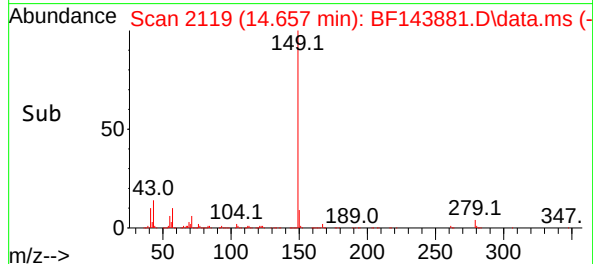
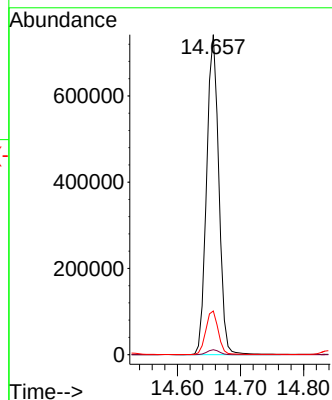
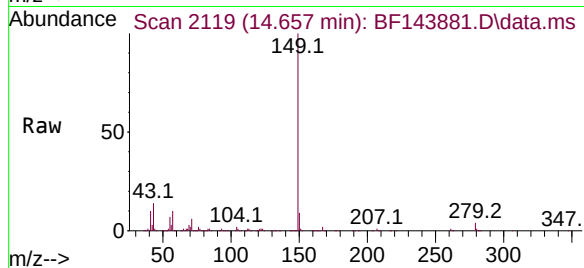




#85
Di-n-octyl phthalate
Concen: 64.431 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

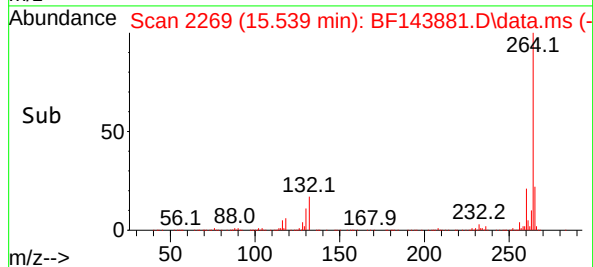
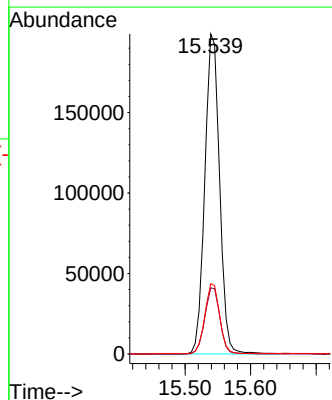
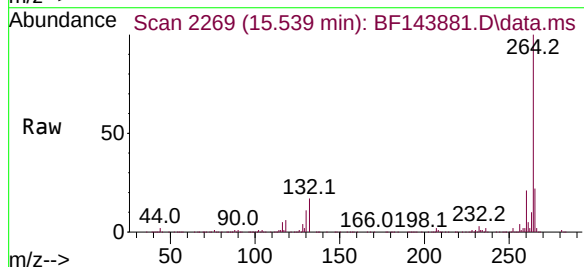
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

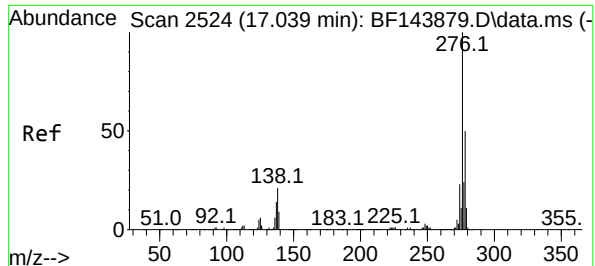
Tgt Ion:149 Resp: 991597
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.0 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:264 Resp: 309882
Ion Ratio Lower Upper
264 100
260 20.6 17.8 26.8
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.815 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

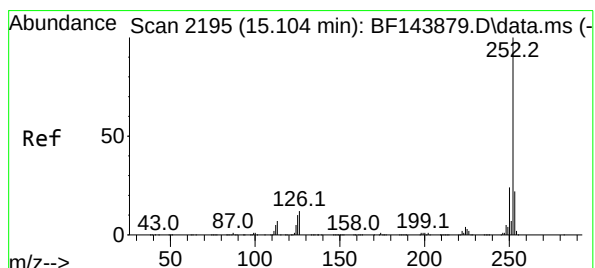
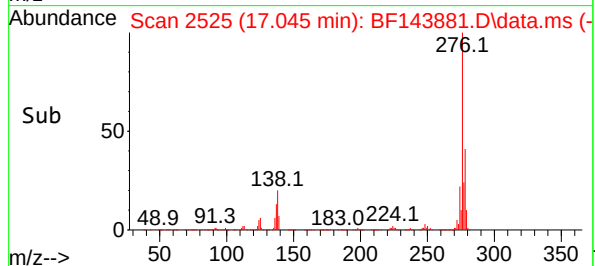
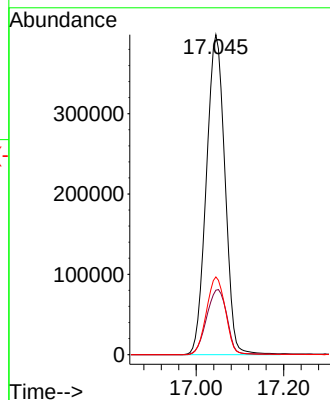
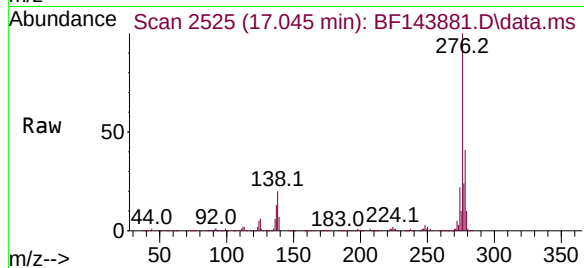
Tgt Ion:276 Resp: 1173726

Ion Ratio Lower Upper

276 100

138 22.3 18.2 27.2

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 62.778 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

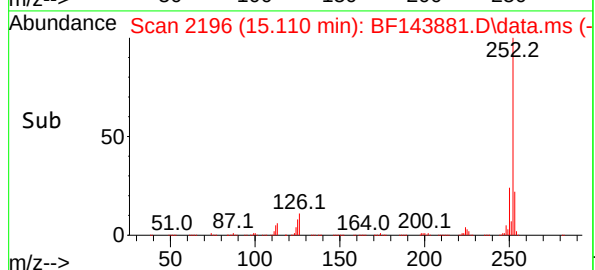
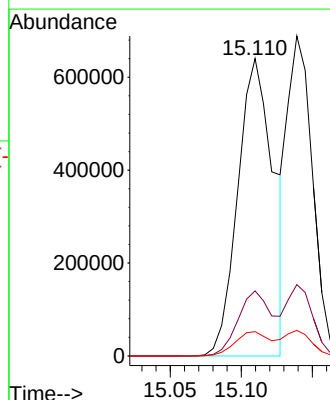
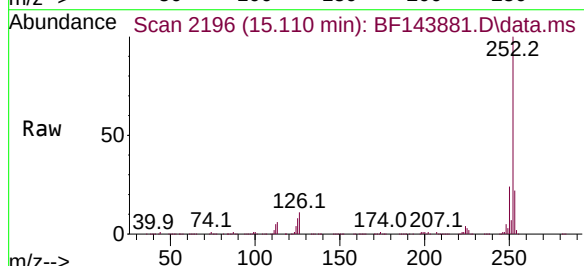
Tgt Ion:252 Resp: 1117484

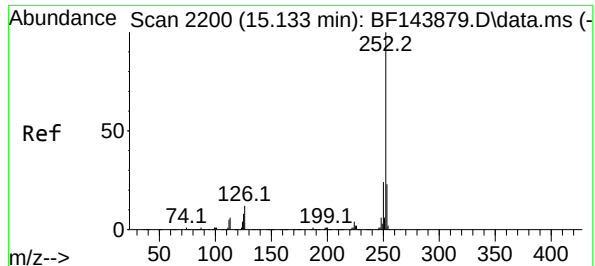
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.2 7.8 11.6

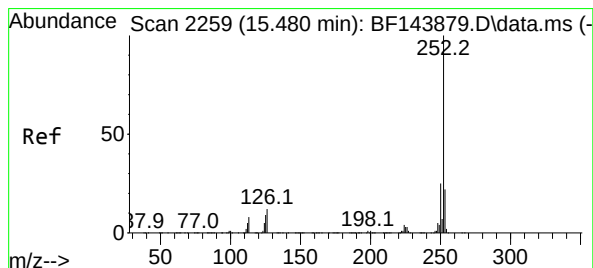
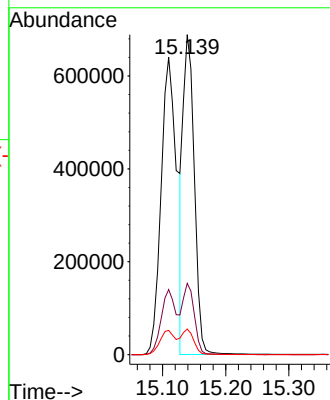
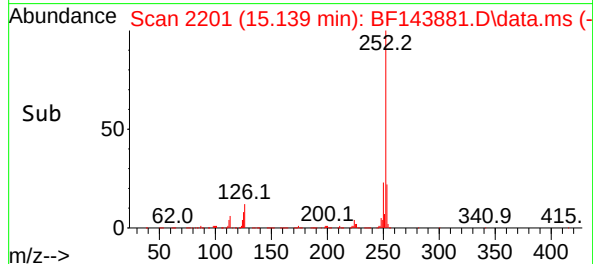
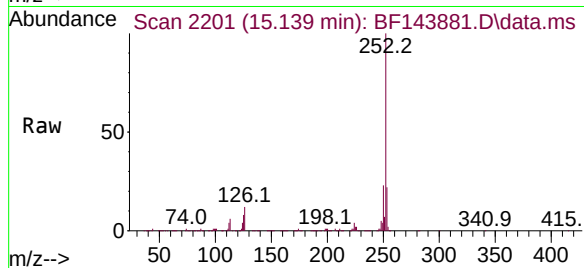




#89
Benzo(k)fluoranthene
Concen: 51.969 ng
RT: 15.139 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

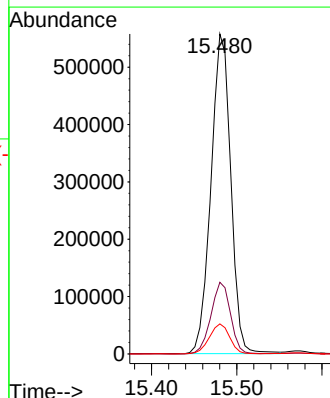
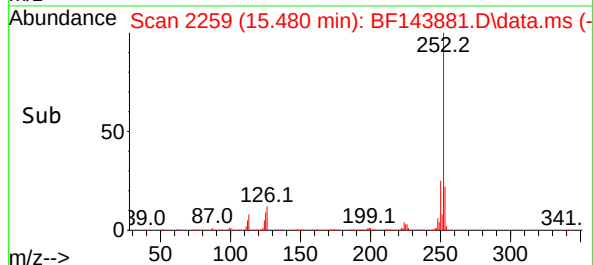
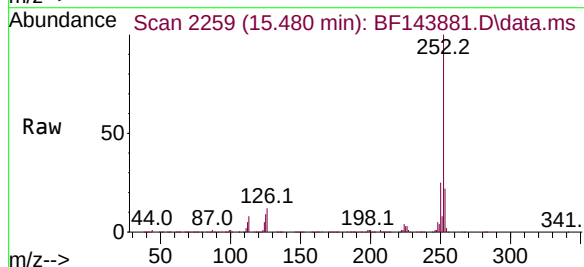
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

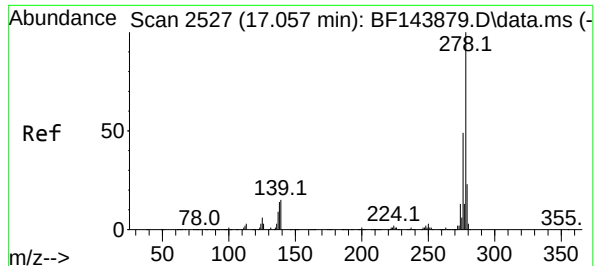
Tgt Ion:252 Resp: 855988
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 58.412 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:252 Resp: 901585
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.4 7.0 10.4

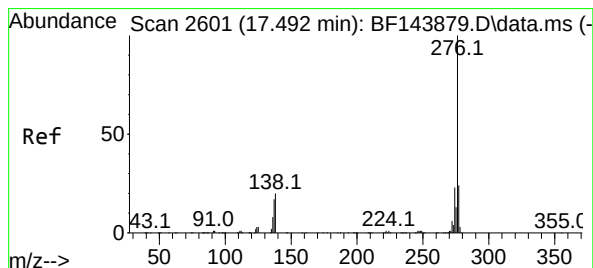
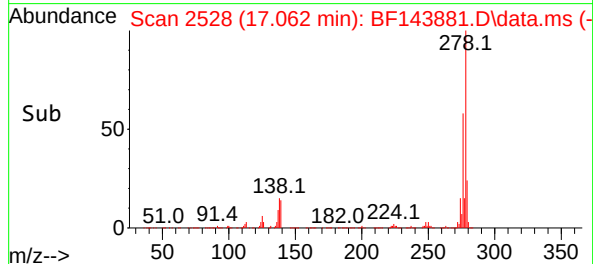
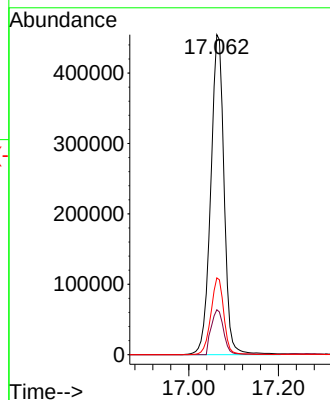
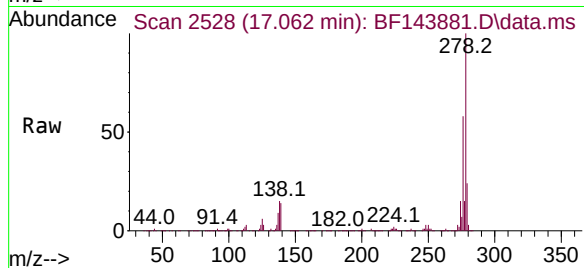




#91
Dibenzo(a,h)anthracene
Concen: 61.291 ng
RT: 17.062 min Scan# 2527
Delta R.T. -0.017 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

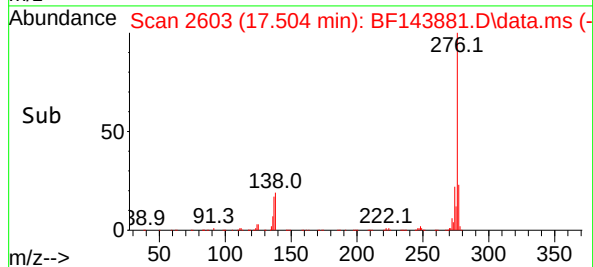
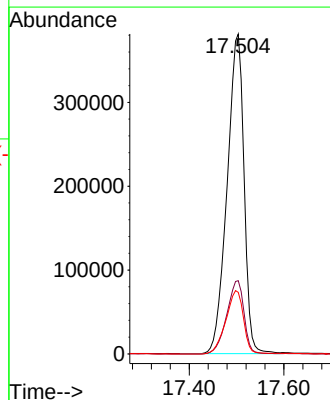
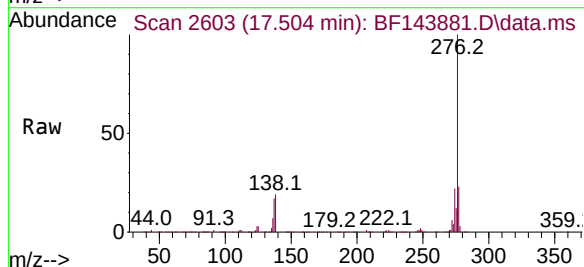
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 935987
Ion Ratio Lower Upper
278 100
139 14.0 11.7 17.5
279 24.0 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 61.976 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Tgt Ion:276 Resp: 946452
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.6
138 19.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143882.D
 Acq On : 06 Oct 2025 14:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Oct 06 15:39:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	153550	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	584564	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	320335	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	540366	20.000	ng	0.00
76) Chrysene-d12	14.068	240	302500	20.000	ng	0.00
86) Perylene-d12	15.545	264	357911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1325806	137.113	ng	0.00
7) Phenol-d6	6.516	99	1617892	140.374	ng	0.00
23) Nitrobenzene-d5	7.457	82	1436124	149.259	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	495811	155.397	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	13.010	244	2382437	134.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	334123	74.672	ng	98
3) Pyridine	3.416	79	1009551	77.503	ng	99
4) n-Nitrosodimethylamine	3.387	42	552664	80.653	ng	96
6) Aniline	6.551	93	1226438	71.012	ng	94
8) 2-Chlorophenol	6.669	128	683900	72.356	ng	100
9) Benzaldehyde	6.439	77	546849	61.507	ng	99
10) Phenol	6.534	94	976173	70.844	ng	83
11) bis(2-Chloroethyl)ether	6.628	93	760388	71.438	ng	98
12) 1,3-Dichlorobenzene	6.828	146	746378	65.969	ng	98
13) 1,4-Dichlorobenzene	6.904	146	727973	65.228	ng	100
14) 1,2-Dichlorobenzene	7.057	146	708144	66.244	ng	99
15) Benzyl Alcohol	7.034	79	664305	76.926	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1670583	68.951	ng	97
17) 2-Methylphenol	7.134	107	569618	72.921	ng	98
18) Hexachloroethane	7.398	117	256173	68.827	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	559967	70.978	ng	99
20) 3+4-Methylphenols	7.298	107	573027	63.295	ng	# 78
22) Acetophenone	7.304	105	795315	64.345	ng	# 92
24) Nitrobenzene	7.475	77	800306	74.900	ng	98
25) Isophorone	7.722	82	1534787	75.651	ng	98
26) 2-Nitrophenol	7.786	139	389145	84.948	ng	98
27) 2,4-Dimethylphenol	7.822	122	616626	74.828	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	888473	69.328	ng	99
29) 2,4-Dichlorophenol	8.028	162	620755	72.318	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	583022	69.063	ng	99
31) Naphthalene	8.192	128	1710914	64.341	ng	99
32) Benzoic acid	7.963	122	539440m	94.587	ng	
33) 4-Chloroaniline	8.239	127	697350	69.923	ng	98
34) Hexachlorobutadiene	8.310	225	404619	68.974	ng	98
35) Caprolactam	8.645	113	218801	80.169	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	598614	72.601	ng	98
37) 2-Methylnaphthalene	8.886	142	1138146	64.254	ng	99
38) 1-Methylnaphthalene	8.986	142	1087879	63.318	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	594660	67.166	ng	98
41) Hexachlorocyclopentadiene	9.033	237	301178	81.998	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	481852	74.487	ng	97

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 Data File : BF143882.D
 Acq On : 06 Oct 2025 14:22
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

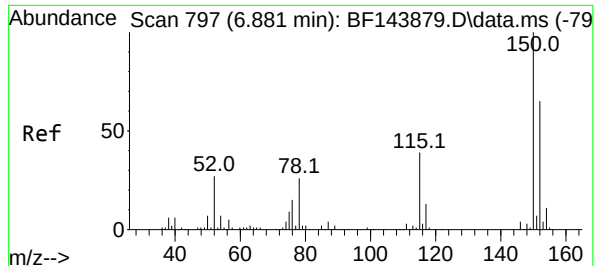
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 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	487322	71.286	ng	99
46) 1,1'-Biphenyl	9.351	154	1344805	63.407	ng	98
47) 2-Chloronaphthalene	9.375	162	1170019	66.165	ng	98
48) 2-Nitroaniline	9.469	65	445537	79.693	ng	99
49) Acenaphthylene	9.786	152	1644728	66.159	ng	100
50) Dimethylphthalate	9.645	163	1415482	69.582	ng	100
51) 2,6-Dinitrotoluene	9.716	165	303176	80.372	ng	97
52) Acenaphthene	9.963	154	1085733	66.651	ng	99
53) 3-Nitroaniline	9.886	138	365960	79.233	ng	98
54) 2,4-Dinitrophenol	9.986	184	187560	80.556	ng	97
55) Dibenzofuran	10.133	168	1471622	63.998	ng	98
56) 4-Nitrophenol	10.039	139	294937	84.335	ng	95
57) 2,4-Dinitrotoluene	10.116	165	409463	79.779	ng	94
58) Fluorene	10.480	166	1069764	61.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	368599	76.170	ng	98
60) Diethylphthalate	10.351	149	1267085	67.047	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	572035	62.357	ng	96
62) 4-Nitroaniline	10.510	138	351634	79.169	ng	98
63) Azobenzene	10.633	77	1351920	68.446	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	236863	87.227	ng	99
66) n-Nitrosodiphenylamine	10.592	169	1139482	67.159	ng	98
67) 4-Bromophenyl-phenylether	10.963	248	423148	70.857	ng	98
68) Hexachlorobenzene	11.027	284	498602	72.118	ng	97
69) Atrazine	11.121	200	347749	67.621	ng	99
70) Pentachlorophenol	11.221	266	318486	80.208	ng	99
71) Phenanthrene	11.445	178	1676081	63.980	ng	99
72) Anthracene	11.498	178	1688865	63.814	ng	99
73) Carbazole	11.651	167	1519615	64.832	ng	100
74) Di-n-butylphthalate	11.980	149	1793855	66.034	ng	100
75) Fluoranthene	12.633	202	1706368	63.059	ng	99
78) Pyrene	12.863	202	1718085	68.126	ng	99
80) Butylbenzylphthalate	13.480	149	633516	77.349	ng	97
81) Benzo(a)anthracene	14.057	228	1449801	73.238	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	461359	76.476	ng	98
83) Chrysene	14.092	228	1349286	73.645	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	749327	75.897	ng	100
85) Di-n-octyl phthalate	14.657	149	1370760	84.532	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	1786876	81.478	ng	99
88) Benzo(b)fluoranthene	15.115	252	1431875	69.645	ng	98
89) Benzo(k)fluoranthene	15.145	252	1362026	71.595	ng	98
90) Benzo(a)pyrene	15.486	252	1321893	74.151	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	1391562	78.895	ng	97
92) Benzo(g,h,i)perylene	17.515	276	1451721	82.305	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

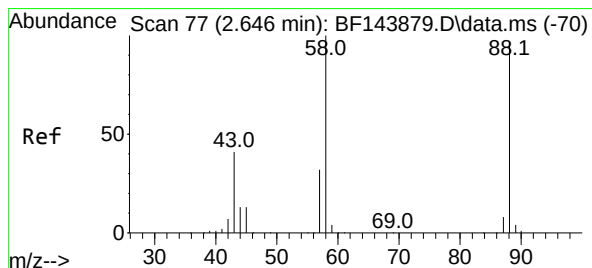
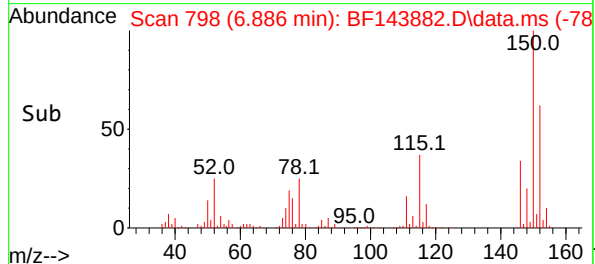
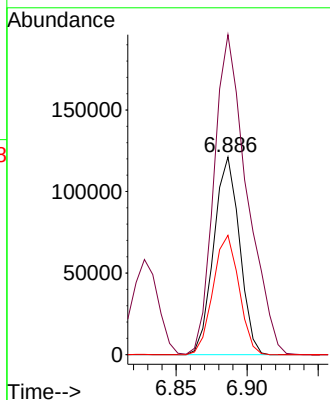
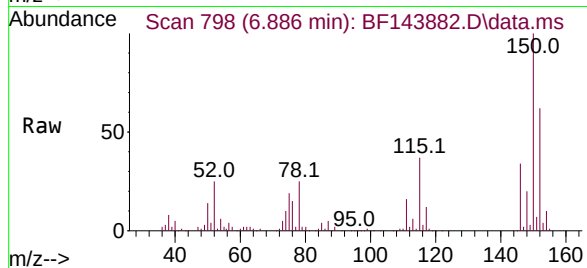
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

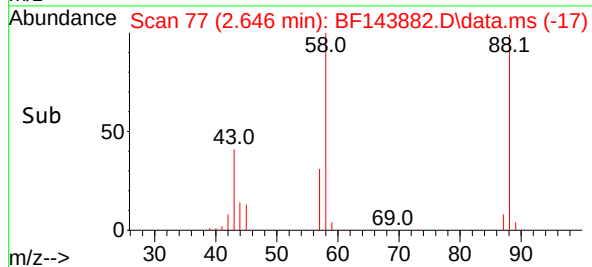
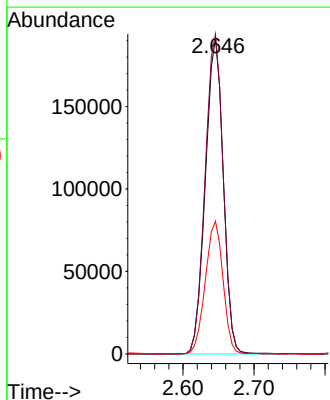
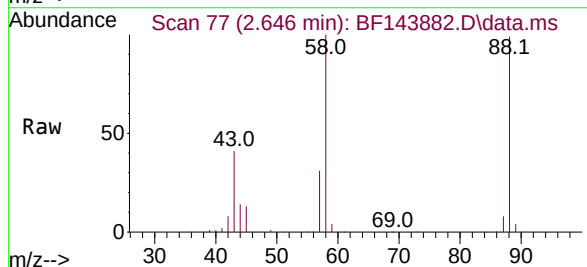
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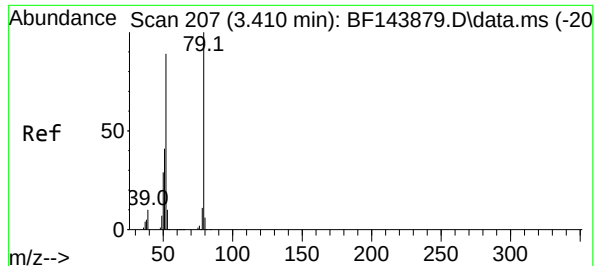
Tgt Ion:152 Resp: 153550
Ion Ratio Lower Upper
152 100
150 162.0 124.4 186.6
115 60.3 48.1 72.1



#2
1,4-Dioxane
Concen: 74.672 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 88 Resp: 334123
Ion Ratio Lower Upper
88 100
58 102.1 83.0 124.6
43 41.3 33.9 50.9

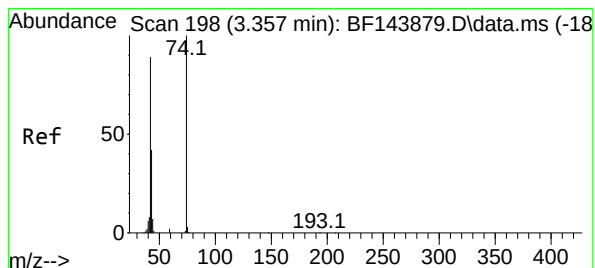
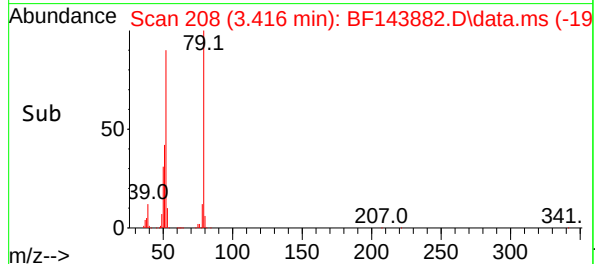
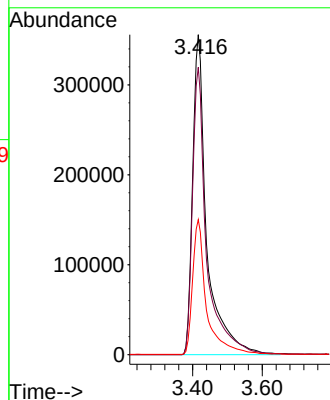
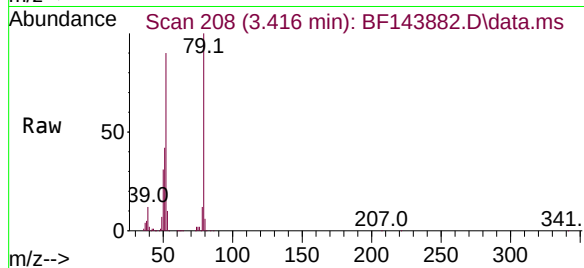




#3
Pyridine
Concen: 77.503 ng
RT: 3.416 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

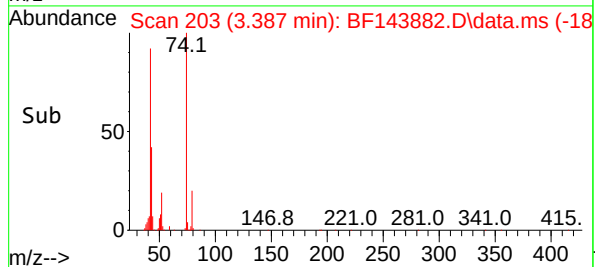
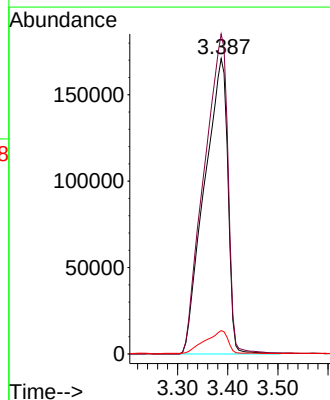
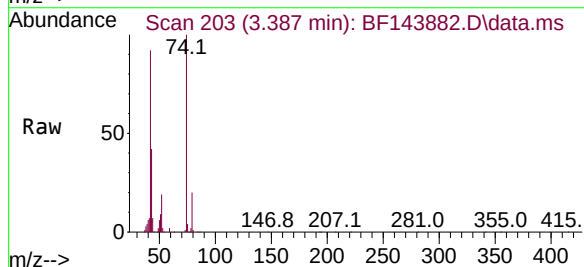
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BNA_F
ClientSampleId :
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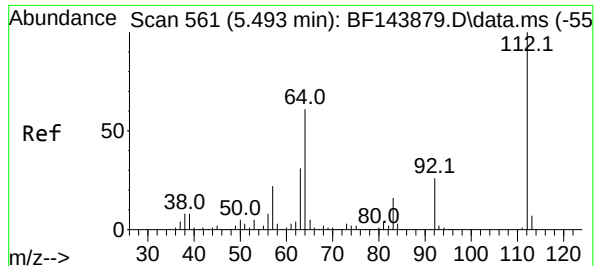
Tgt Ion: 79 Resp: 1009551
Ion Ratio Lower Upper
79 100
52 89.8 71.5 107.3
51 42.2 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 80.653 ng
RT: 3.387 min Scan# 203
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 42 Resp: 552664
Ion Ratio Lower Upper
42 100
74 108.4 90.0 135.0
44 7.9 6.2 9.2

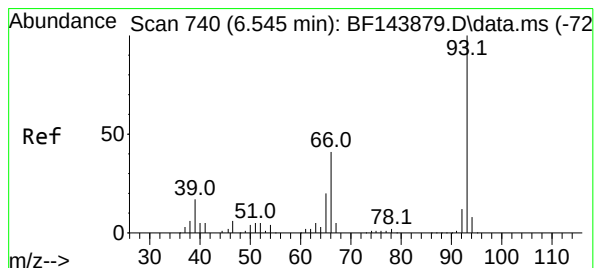
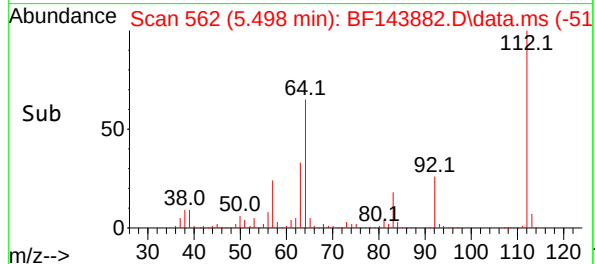
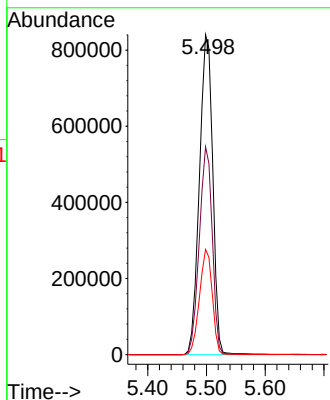
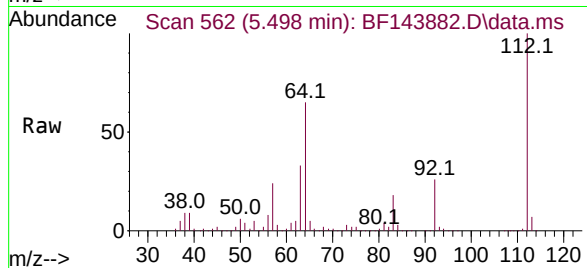




#5
2-Fluorophenol
Concen: 137.113 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

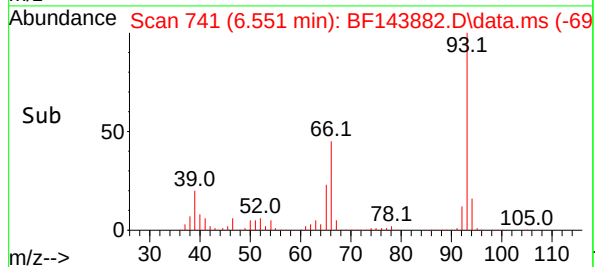
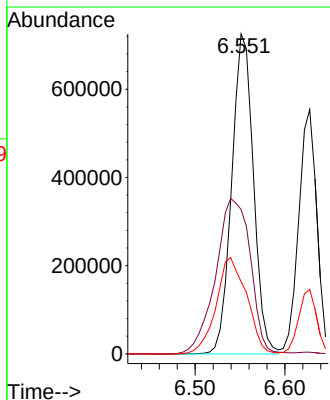
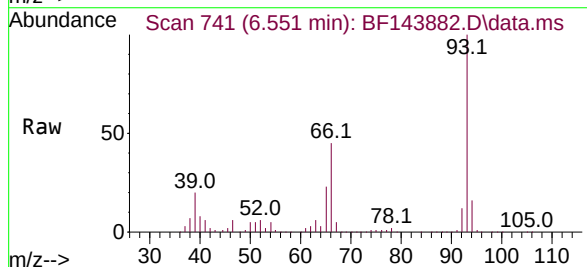
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ClientSampleId :
SSTDICC080

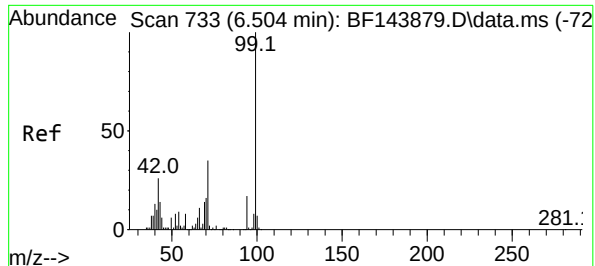
Tgt Ion:112 Resp: 1325806
Ion Ratio Lower Upper
112 100
64 64.9 49.1 73.7
63 32.9 24.5 36.7



#6
Aniline
Concen: 71.012 ng
RT: 6.551 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 93 Resp: 1226438
Ion Ratio Lower Upper
93 100
66 45.1 33.0 49.6
65 22.6 15.8 23.8



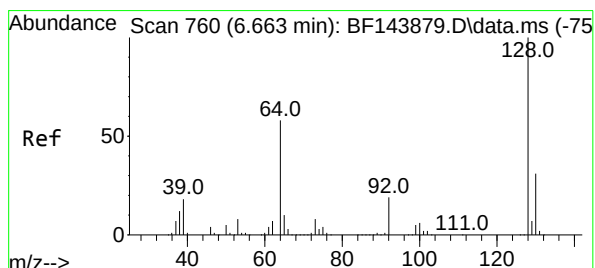
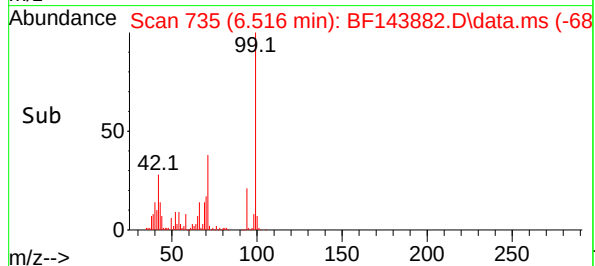
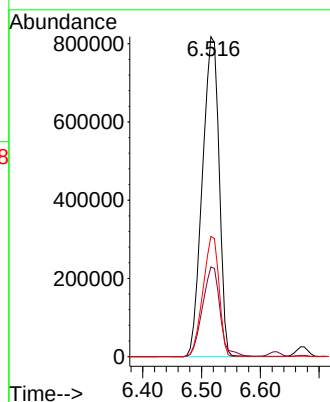
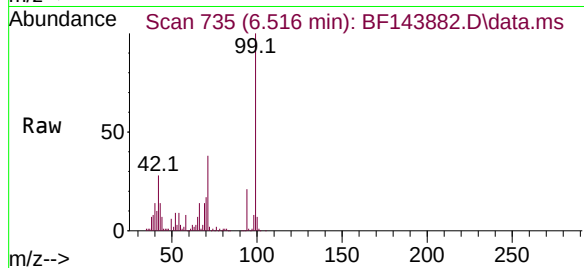


#7
Phenol-d6
Concen: 140.374 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 99 Resp: 1617892

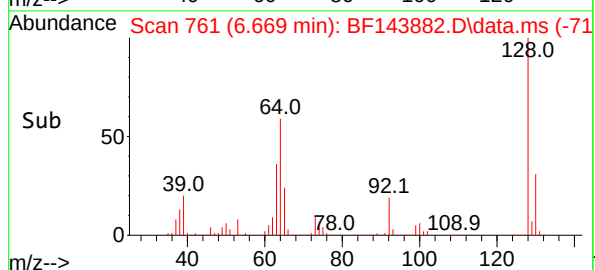
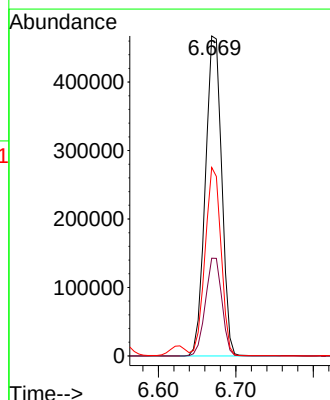
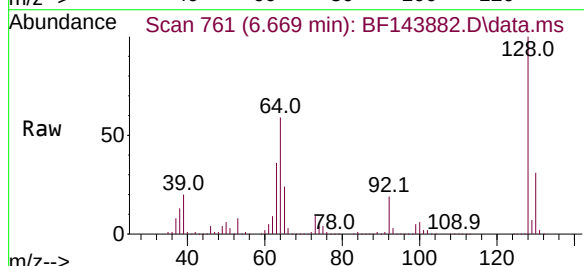
Ion	Ratio	Lower	Upper
99	100		
42	28.0	21.0	31.4
71	37.6	27.8	41.8

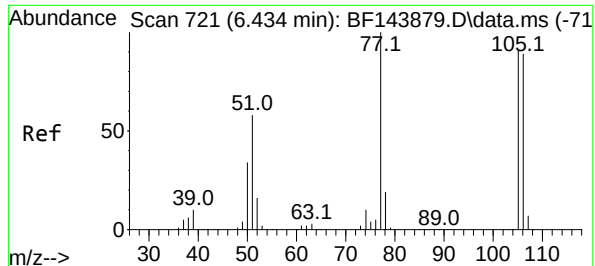


#8
2-Chlorophenol
Concen: 72.356 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 128 Resp: 683900

Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.7	50.7
64	58.9	39.0	79.0





#9

Benzaldehyde

Concen: 61.507 ng

RT: 6.439 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

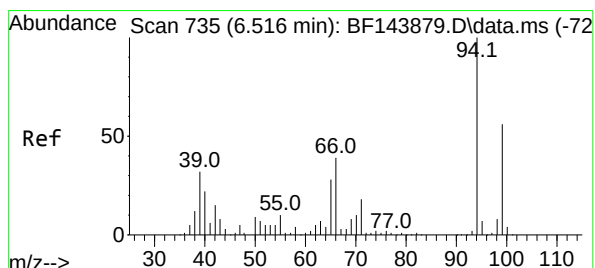
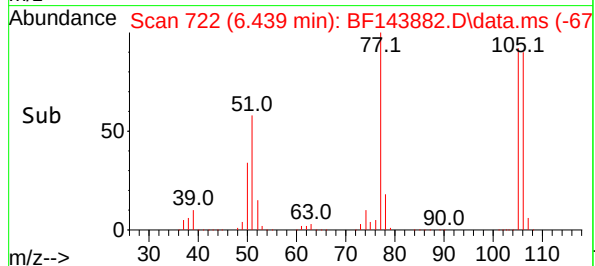
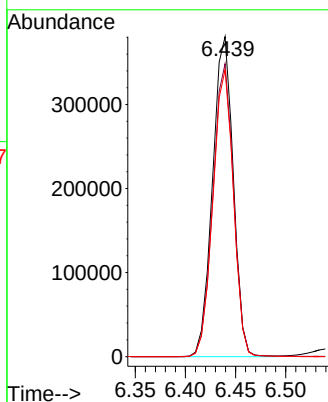
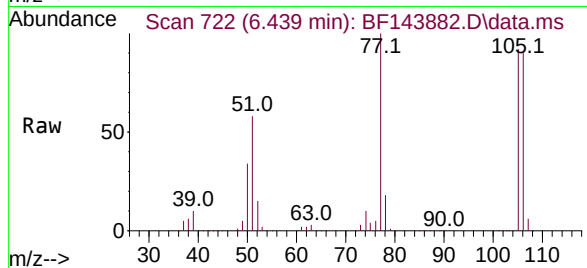
Tgt Ion: 77 Resp: 546849

Ion Ratio Lower Upper

77 100

105 91.5 70.9 110.9

106 89.6 68.9 108.9



#10

Phenol

Concen: 70.844 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

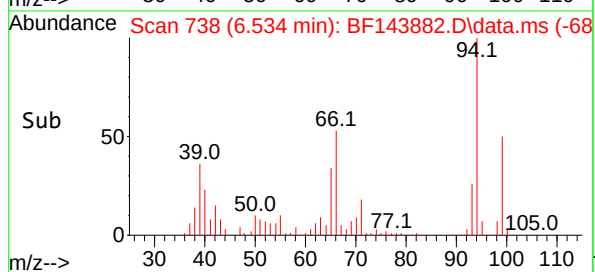
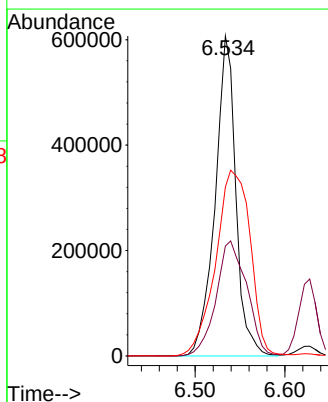
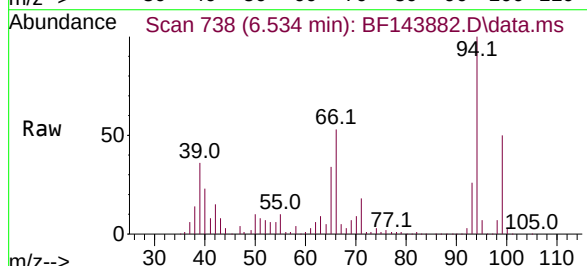
Tgt Ion: 94 Resp: 976173

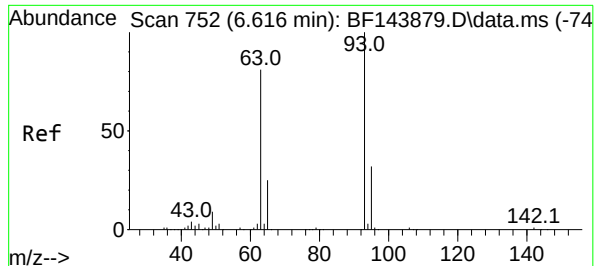
Ion Ratio Lower Upper

94 100

65 34.4 8.5 48.5

66 52.8 19.9 59.9

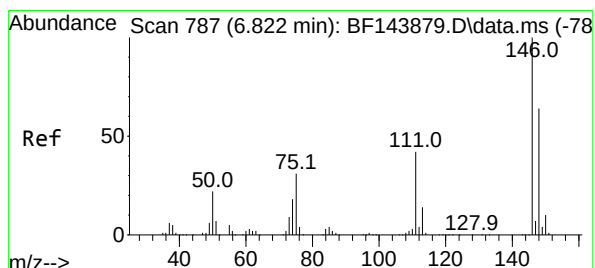
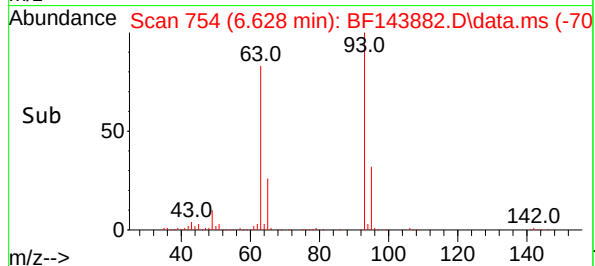
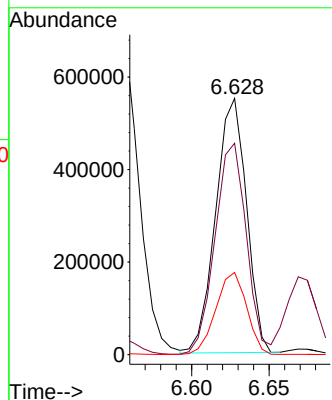
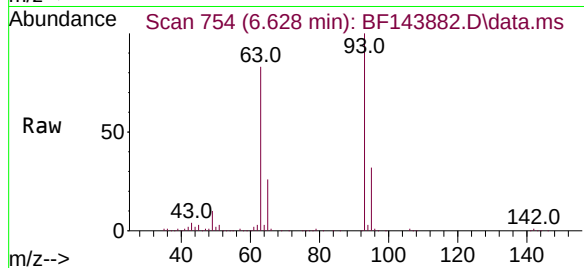




#11
bis(2-Chloroethyl)ether
Concen: 71.438 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

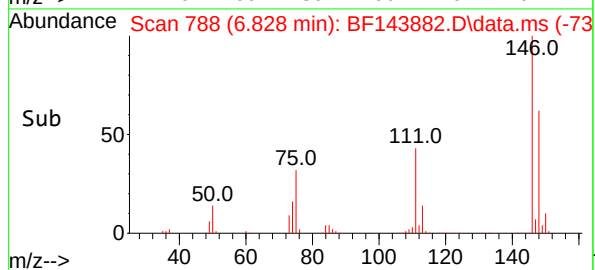
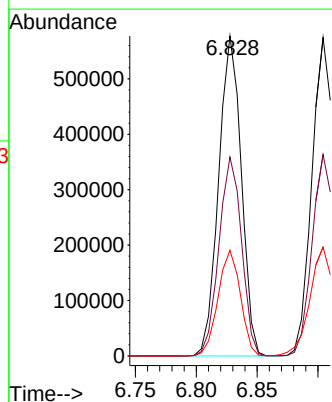
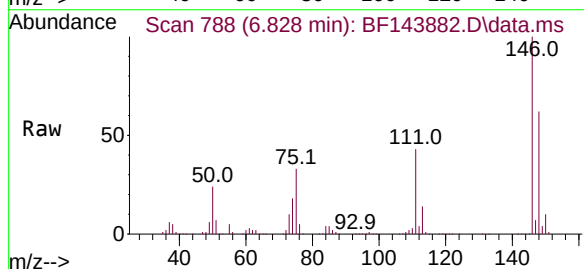
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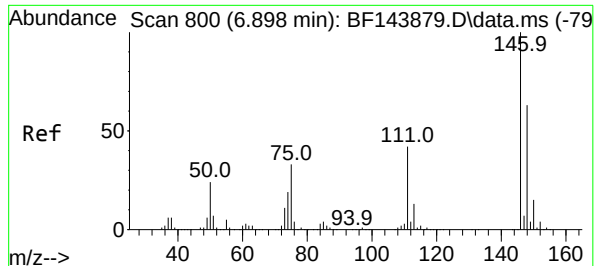
Tgt Ion: 93 Resp: 760388
Ion Ratio Lower Upper
93 100
63 82.5 60.9 100.9
95 32.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 65.969 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:146 Resp: 746378
Ion Ratio Lower Upper
146 100
148 62.1 51.0 76.4
75 33.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 65.228 ng

RT: 6.904 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

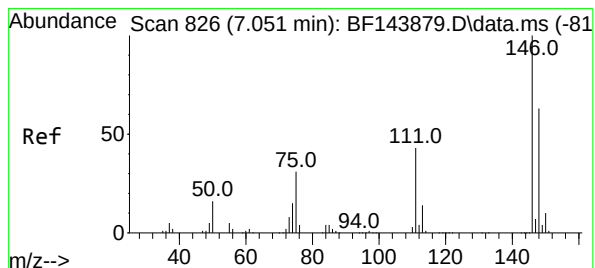
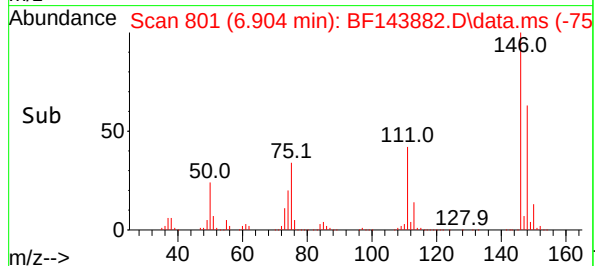
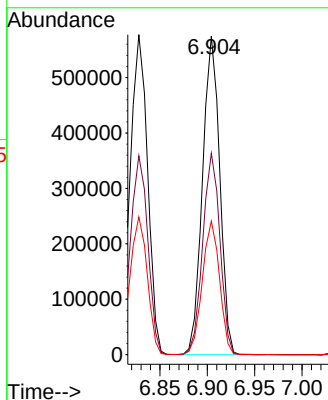
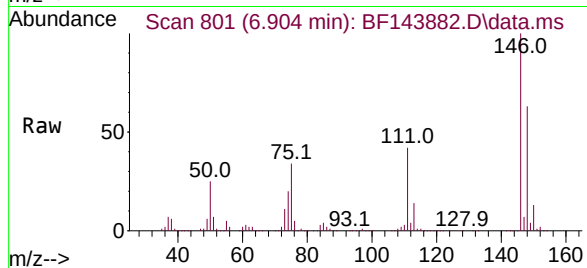
Tgt Ion:146 Resp: 727973

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

111 42.0 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 66.244 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

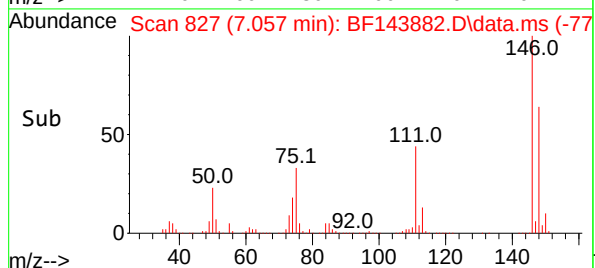
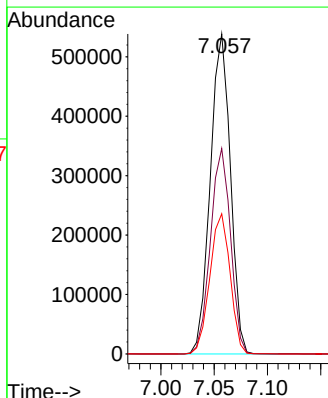
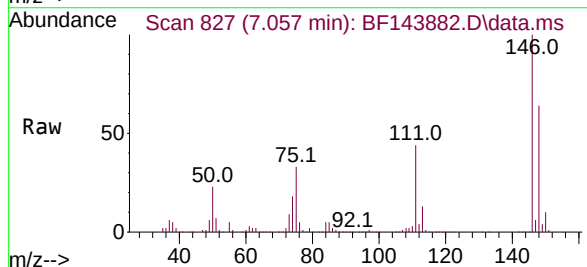
Tgt Ion:146 Resp: 708144

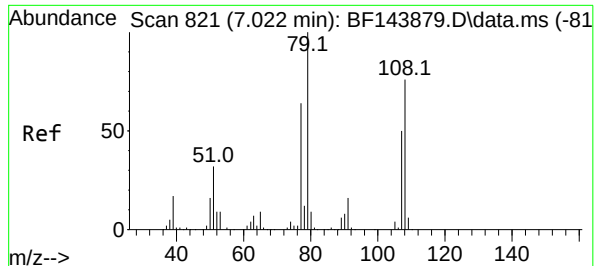
Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

111 43.8 34.6 51.8

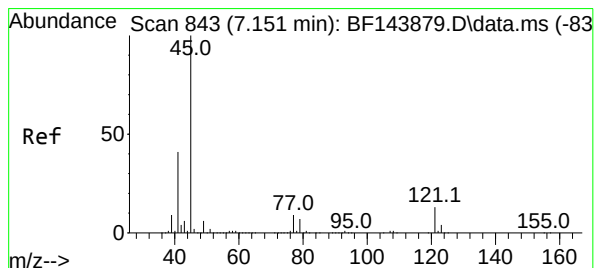
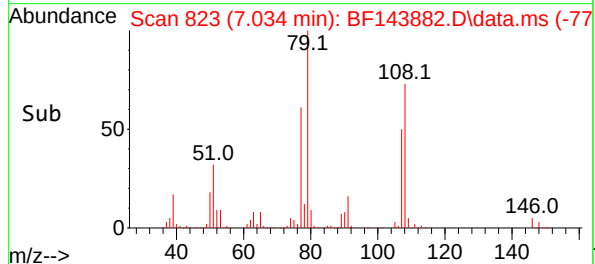
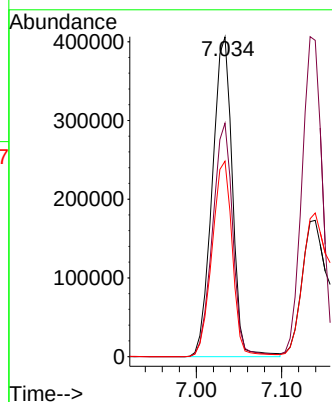
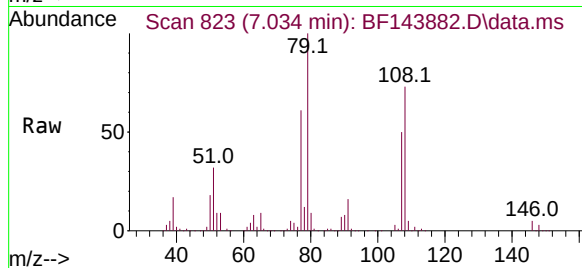




#15
Benzyl Alcohol
Concen: 76.926 ng
RT: 7.034 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

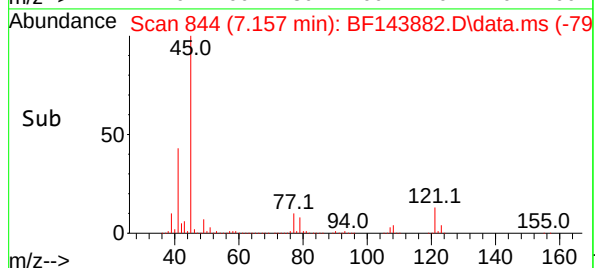
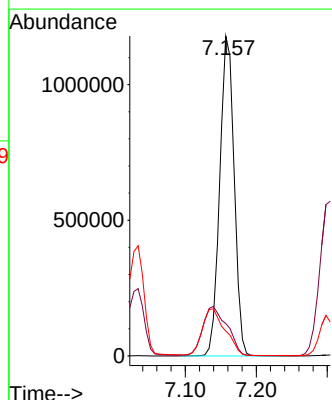
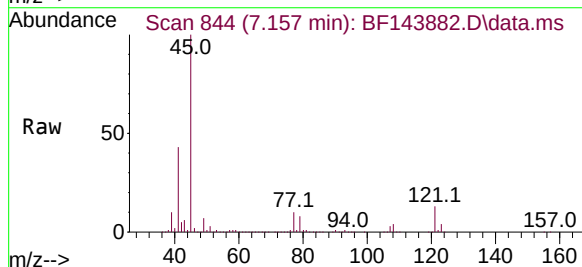
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

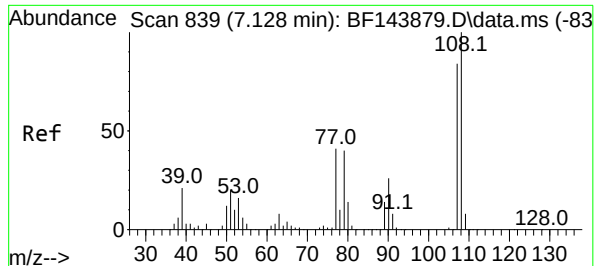
Tgt Ion: 79 Resp: 664305
Ion Ratio Lower Upper
79 100
108 73.0 60.8 91.2
77 61.1 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 68.951 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

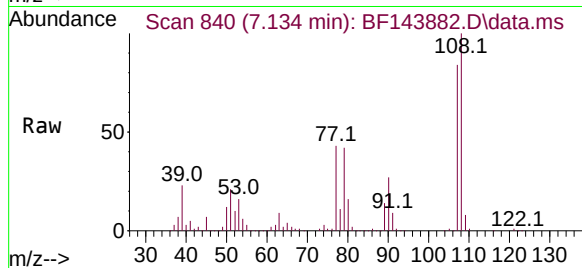
Tgt Ion: 45 Resp: 1670583
Ion Ratio Lower Upper
45 100
77 10.1 0.0 29.0
79 7.8 0.0 26.8



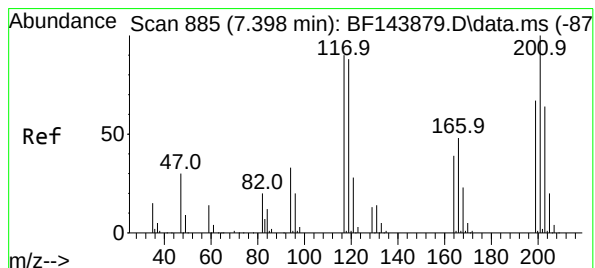
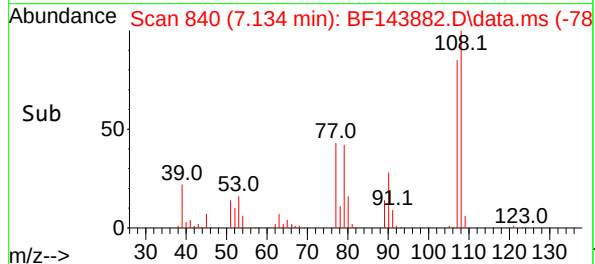
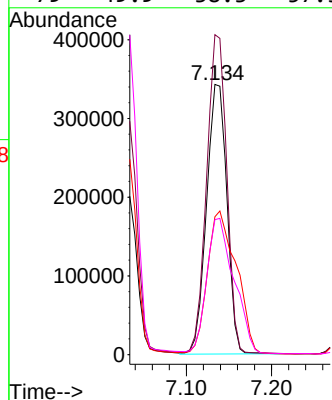


#17
2-Methylphenol
Concen: 72.921 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

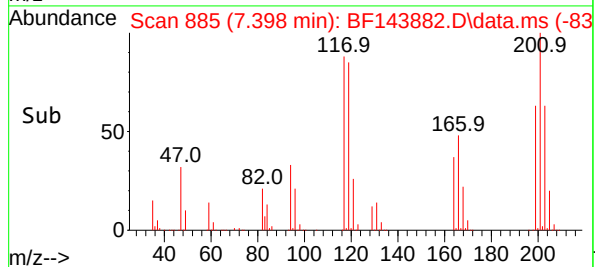
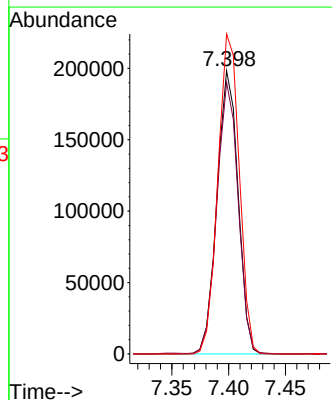
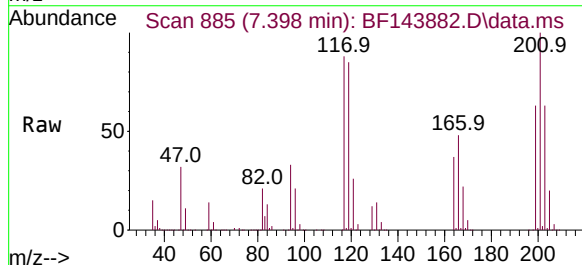


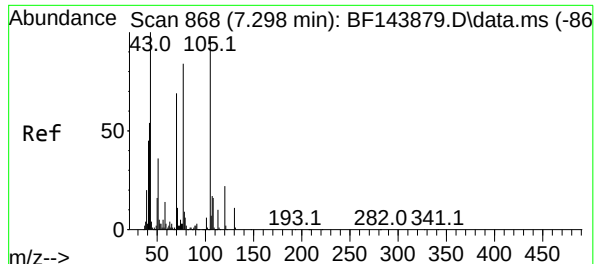
Tgt Ion:107 Resp: 569618
Ion Ratio Lower Upper
107 100
108 118.5 94.7 142.1
77 51.0 38.8 58.2
79 49.9 38.3 57.5



#18
Hexachloroethane
Concen: 68.827 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:117 Resp: 256173
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.8
201 113.0 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 70.978 ng

RT: 7.316 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 70 Resp: 559967

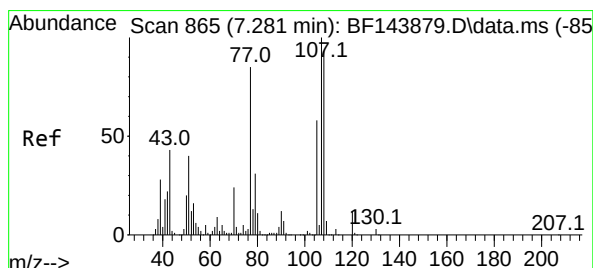
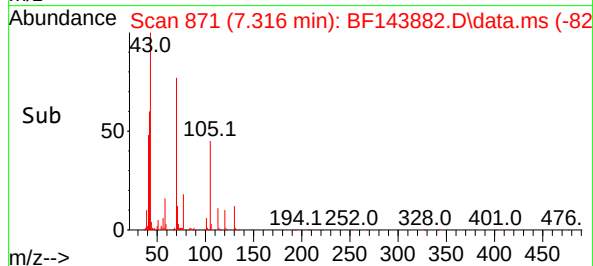
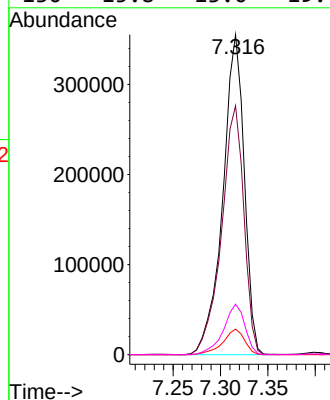
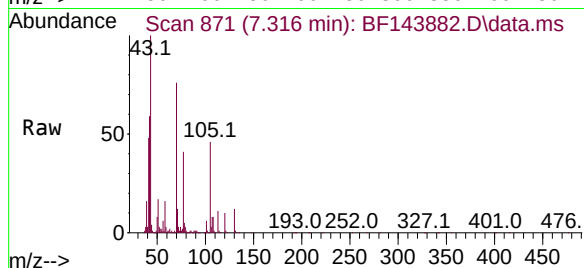
Ion Ratio Lower Upper

70 100

42 77.8 62.8 94.2

101 8.0 6.7 10.1

130 15.8 13.0 19.4



#20

3+4-Methylphenols

Concen: 63.295 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion: 107 Resp: 573027

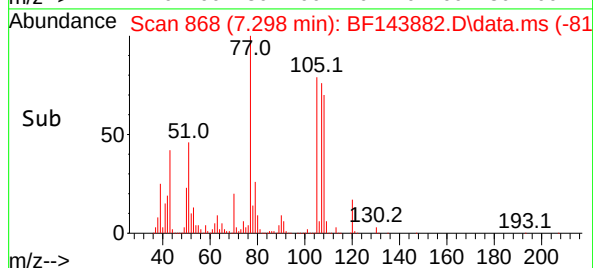
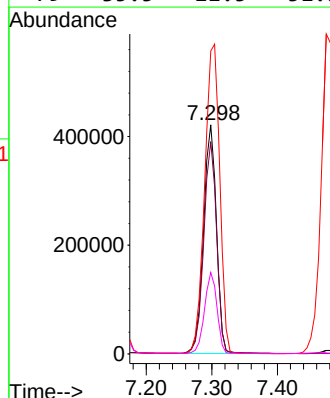
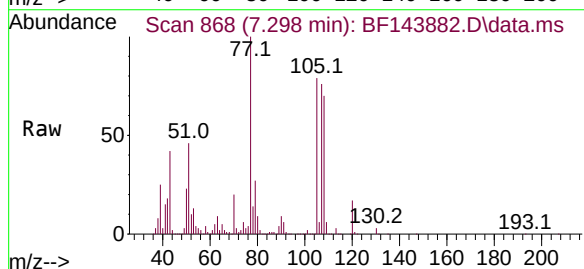
Ion Ratio Lower Upper

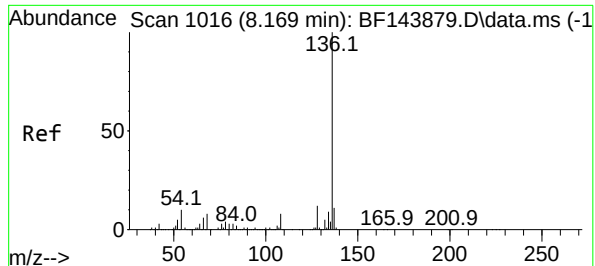
107 100

108 92.7 73.0 113.0

77 132.3 64.6 104.6

79 35.5 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 584564

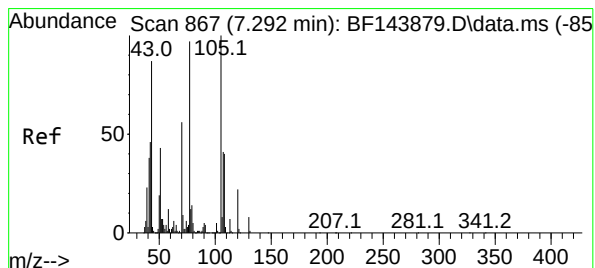
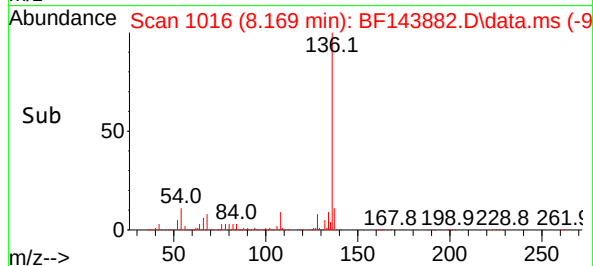
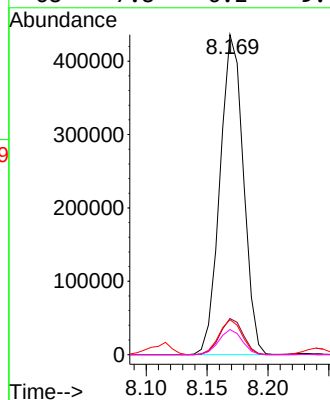
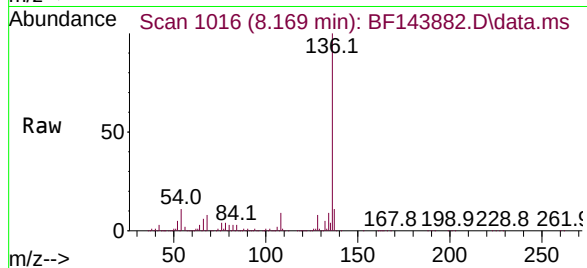
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 10.9 8.2 12.4

68 7.8 6.2 9.4



#22

Acetophenone

Concen: 64.345 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion:105 Resp: 795315

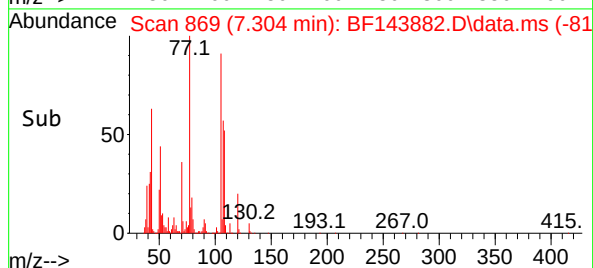
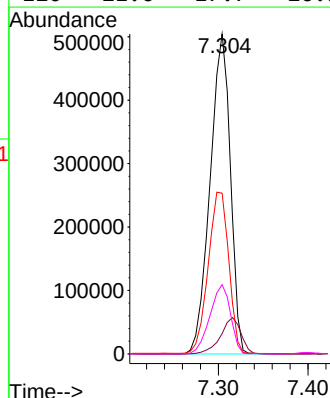
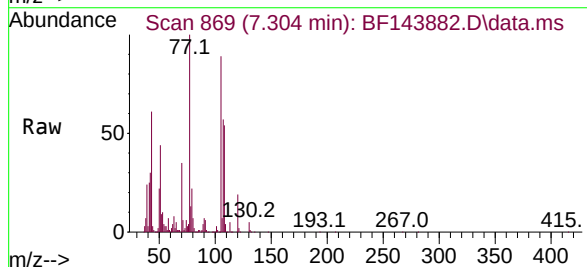
Ion Ratio Lower Upper

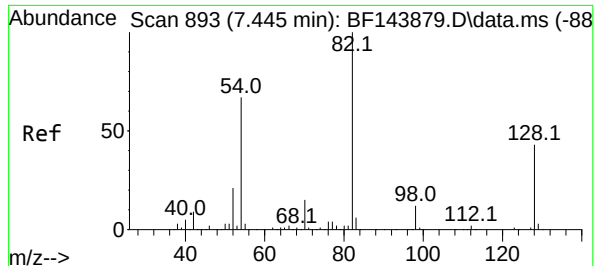
105 100

71 6.3 7.4 11.0#

51 50.2 34.2 51.4

120 21.6 17.7 26.5





#23

Nitrobenzene-d5

Concen: 149.259 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

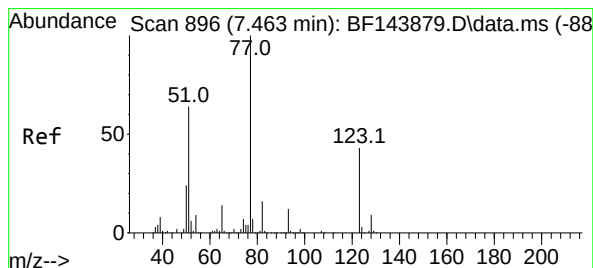
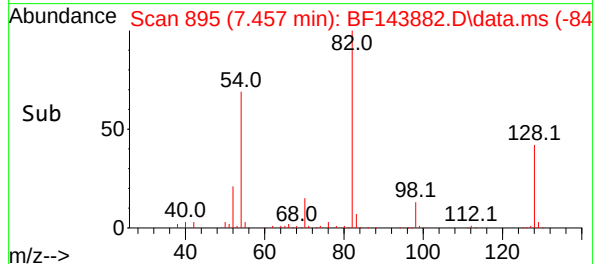
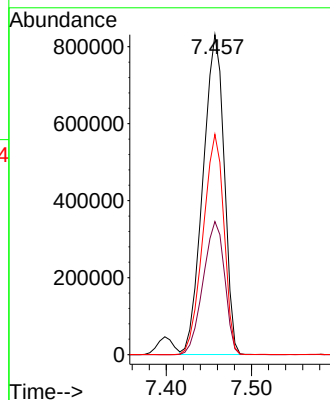
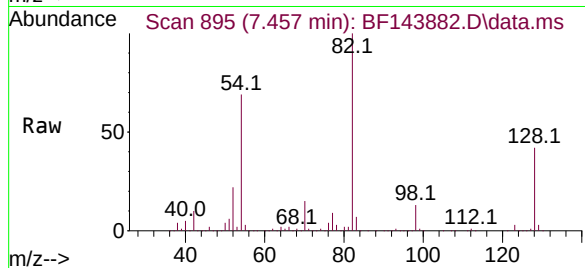
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1436124

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	68.8	53.2	79.8



#24

Nitrobenzene

Concen: 74.900 ng

RT: 7.475 min Scan# 898

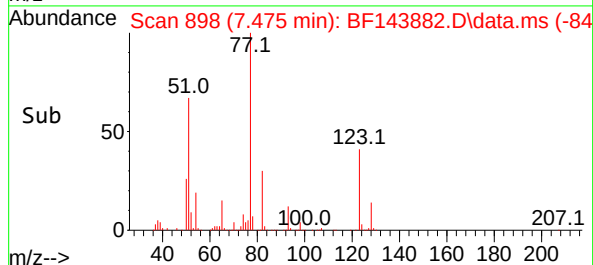
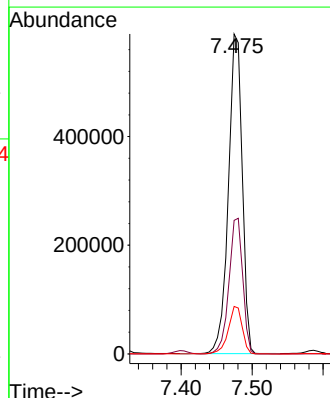
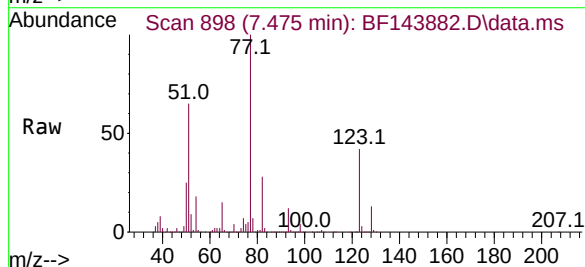
Delta R.T. 0.000 min

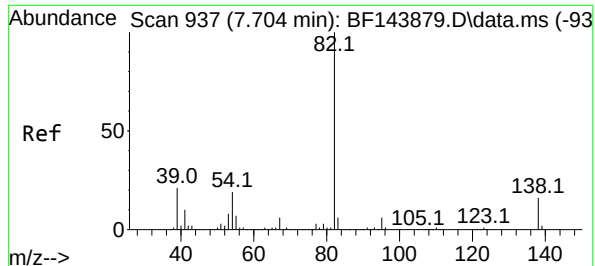
Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion: 77 Resp: 800306

Ion	Ratio	Lower	Upper
77	100		
123	41.7	34.2	51.4
65	14.8	11.0	16.6





#25

Isophorone

Concen: 75.651 ng

RT: 7.722 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

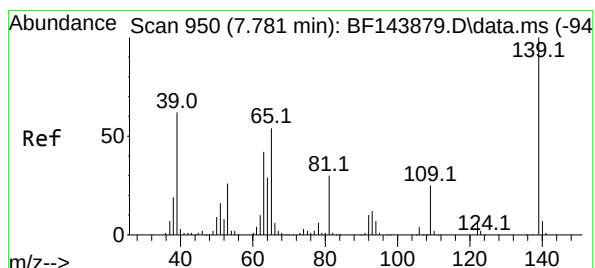
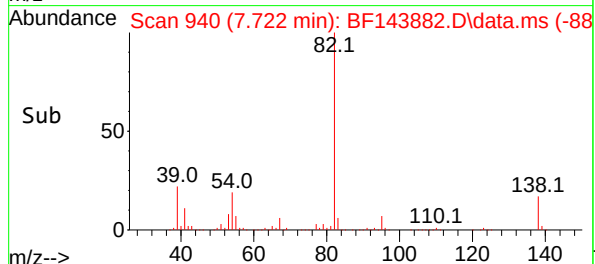
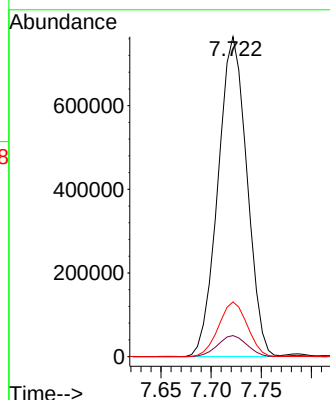
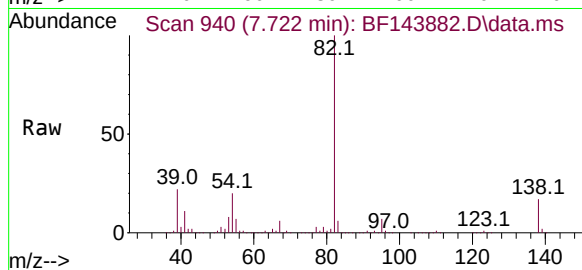
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 1534787

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	17.1	12.9	19.3



#26

2-Nitrophenol

Concen: 84.948 ng

RT: 7.786 min Scan# 951

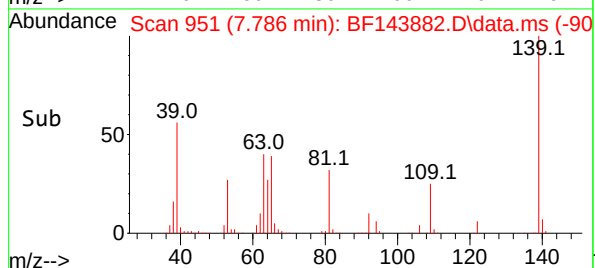
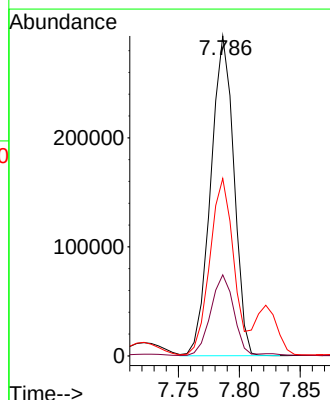
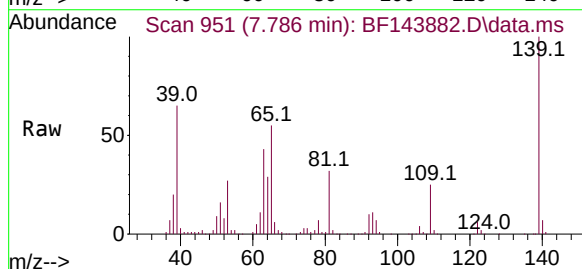
Delta R.T. 0.000 min

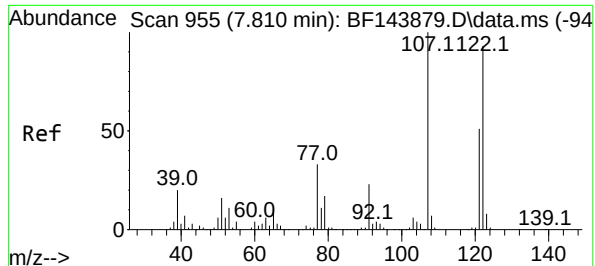
Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion:139 Resp: 389145

Ion	Ratio	Lower	Upper
139	100		
109	25.3	19.8	29.6
65	55.4	42.9	64.3





#27

2,4-Dimethylphenol

Concen: 74.828 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

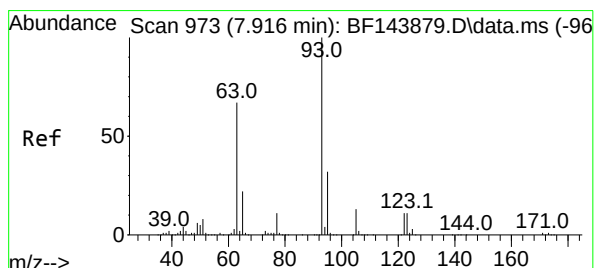
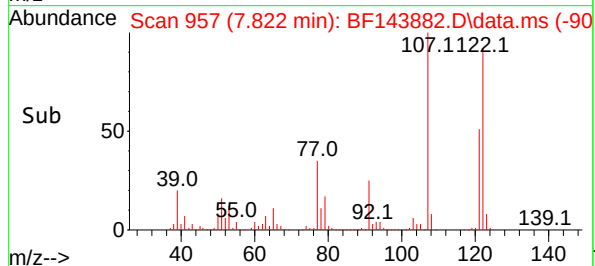
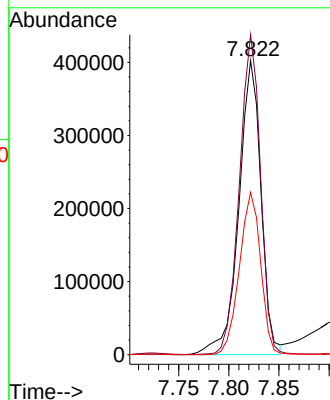
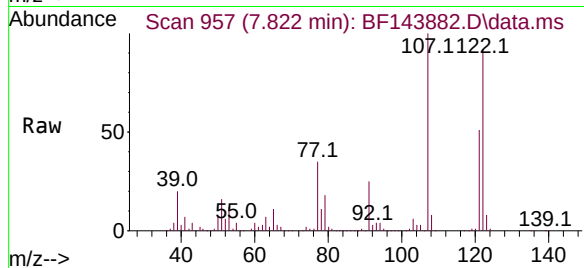
Tgt Ion:122 Resp: 616626

Ion Ratio Lower Upper

122 100

107 108.9 86.1 129.1

121 55.2 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 69.328 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

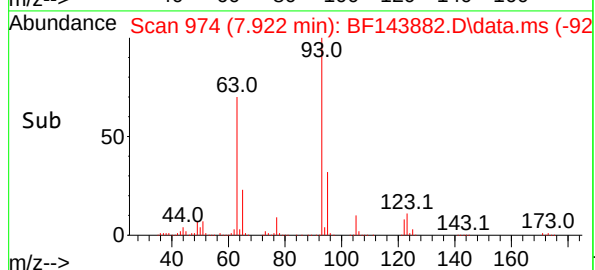
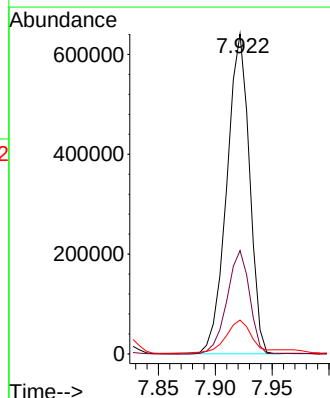
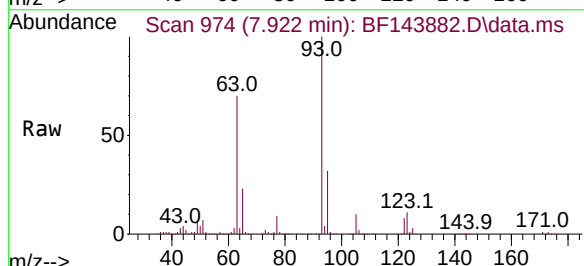
Tgt Ion: 93 Resp: 888473

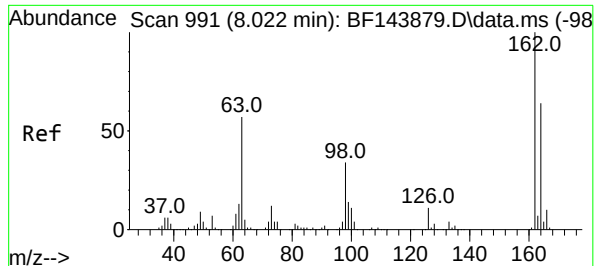
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 72.318 ng

RT: 8.028 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

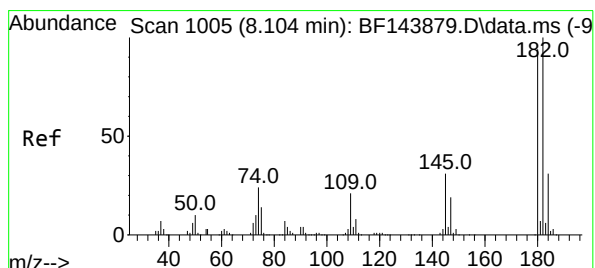
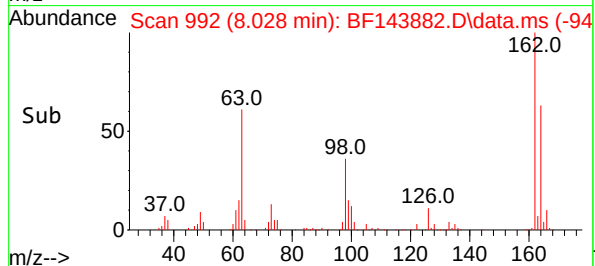
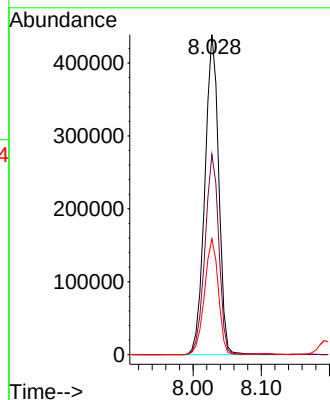
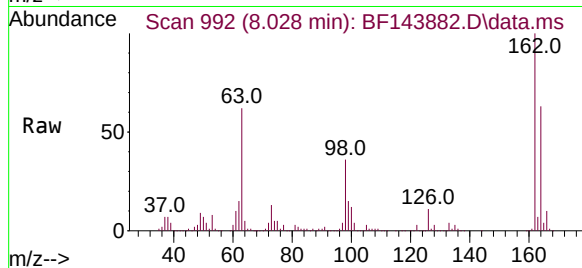
Tgt Ion:162 Resp: 620755

Ion Ratio Lower Upper

162 100

164 62.6 43.9 83.9

98 36.2 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 69.063 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

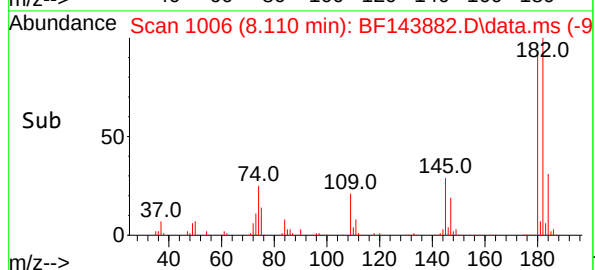
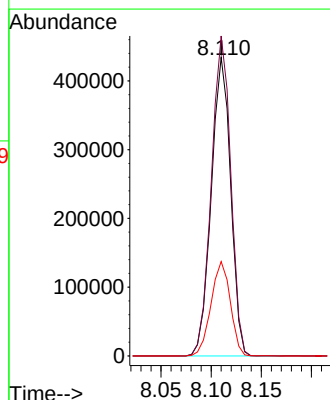
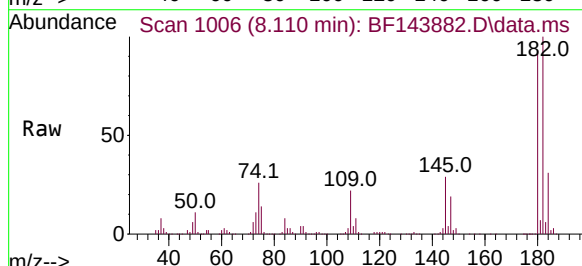
Tgt Ion:180 Resp: 583022

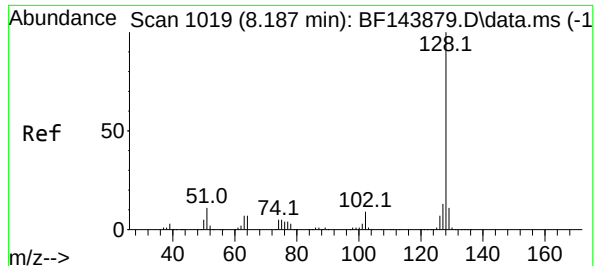
Ion Ratio Lower Upper

180 100

182 107.1 85.4 128.0

145 31.6 26.3 39.5

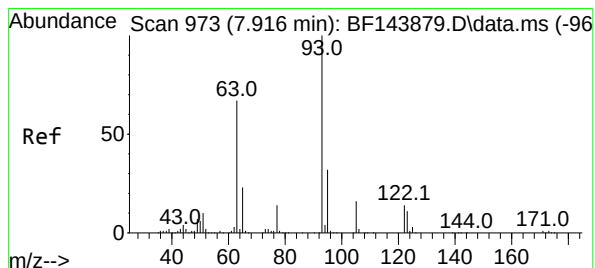
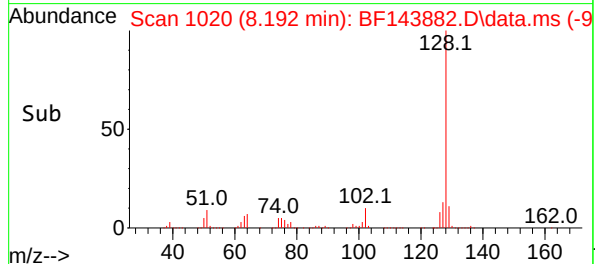
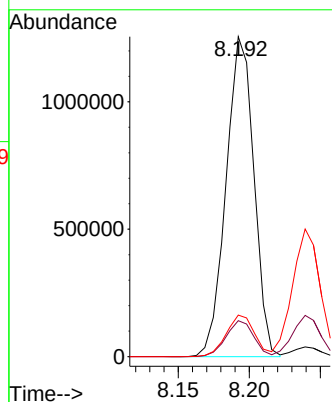
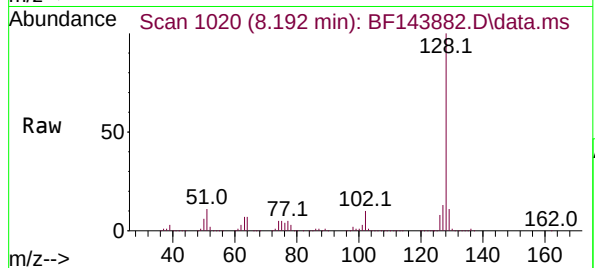




#31
Naphthalene
Concen: 64.341 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

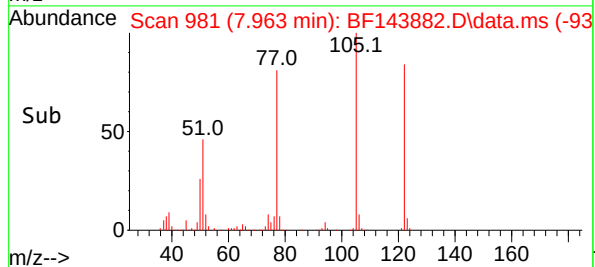
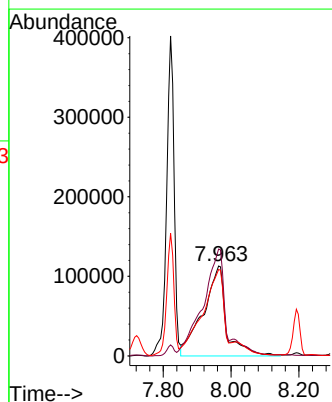
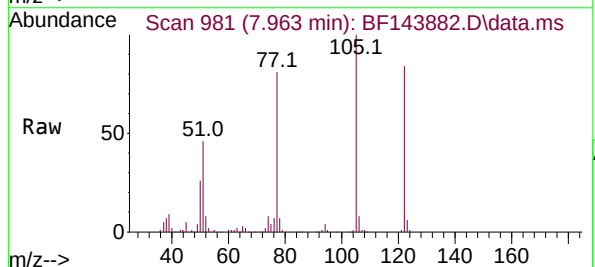
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

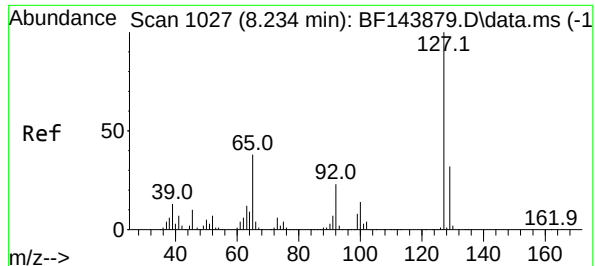
Tgt Ion:128 Resp: 1710914
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.0 15.0



#32
Benzoic acid
Concen: 94.587 ng m
RT: 7.963 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:122 Resp: 539440
Ion Ratio Lower Upper
122 100
105 118.9 93.5 133.5
77 96.1 76.3 116.3

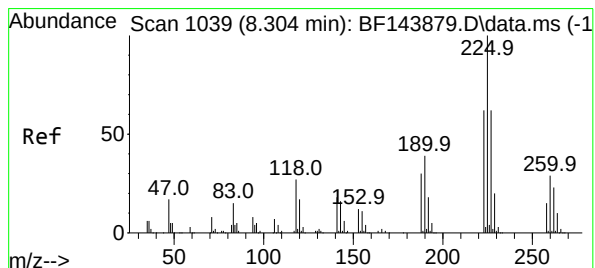
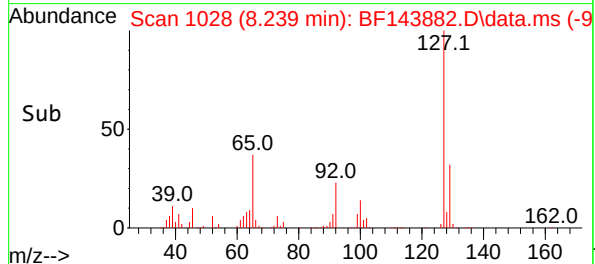
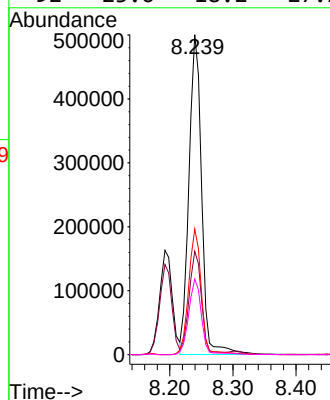
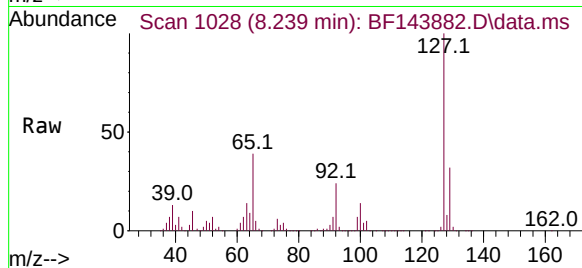




#33
4-Chloroaniline
Concen: 69.923 ng
RT: 8.239 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

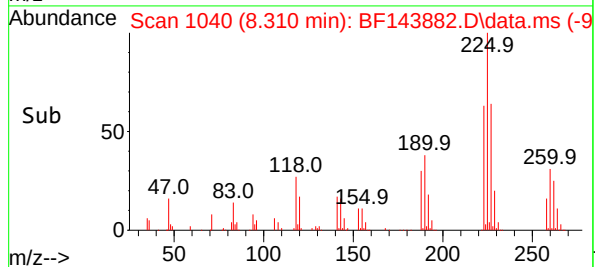
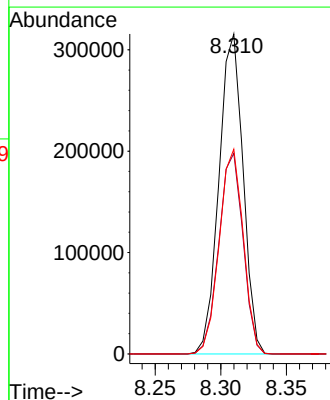
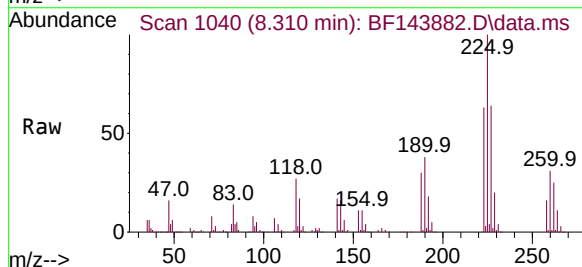
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

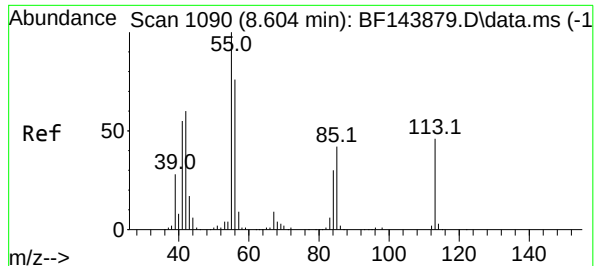
Tgt Ion:	127	Resp:	697350
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	39.2	30.0	45.0
92	23.6	18.2	27.2



#34
Hexachlorobutadiene
Concen: 68.974 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:	225	Resp:	404619
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.2
227	64.0	49.7	74.5





#35

Caprolactam

Concen: 80.169 ng

RT: 8.645 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

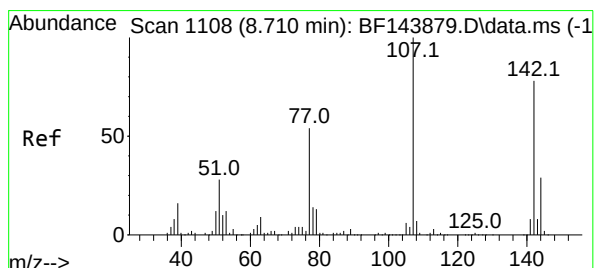
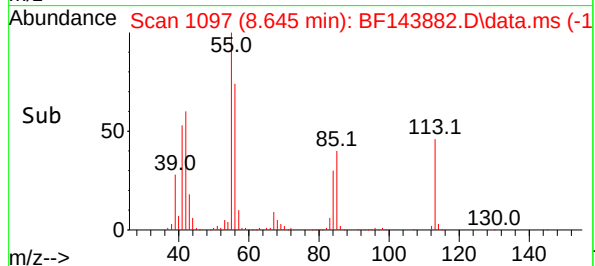
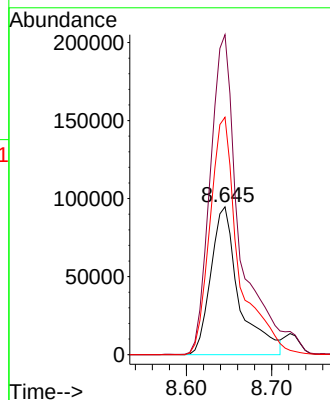
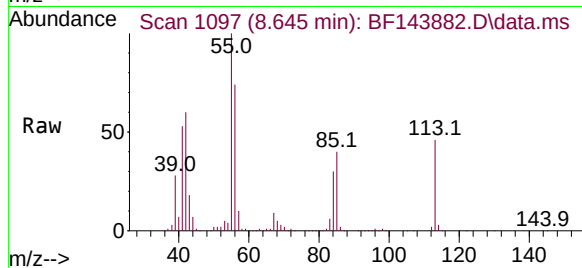
Tgt Ion:113 Resp: 218801

Ion Ratio Lower Upper

113 100

55 216.6 199.6 239.6

56 160.6 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 72.601 ng

RT: 8.722 min Scan# 1110

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

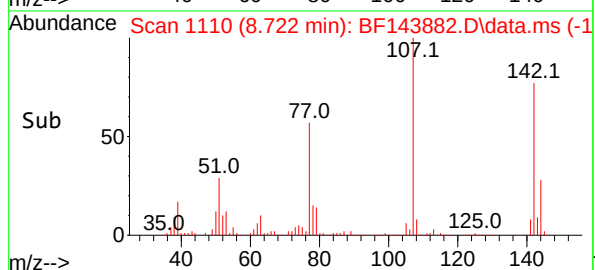
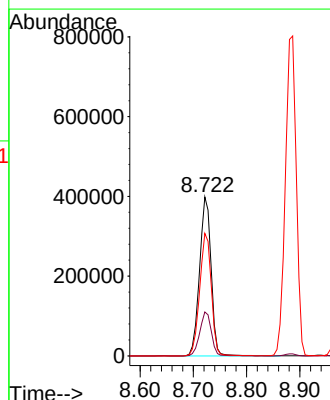
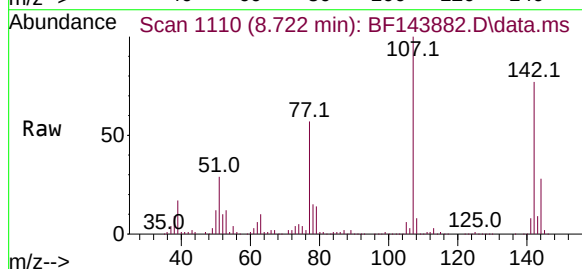
Tgt Ion:107 Resp: 598614

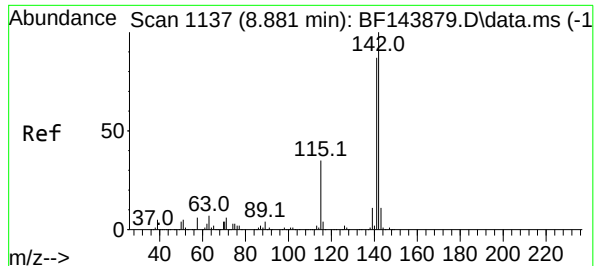
Ion Ratio Lower Upper

107 100

144 27.6 23.1 34.7

142 77.0 62.6 94.0

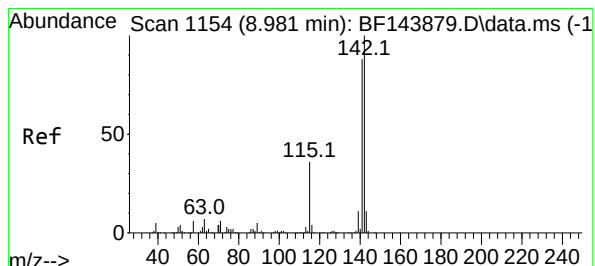
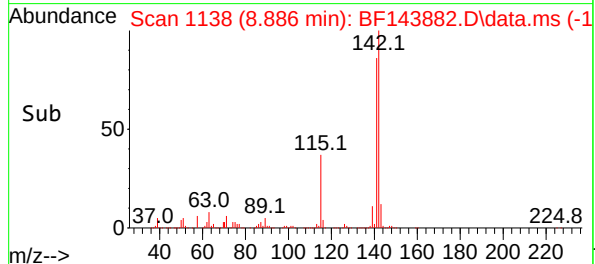
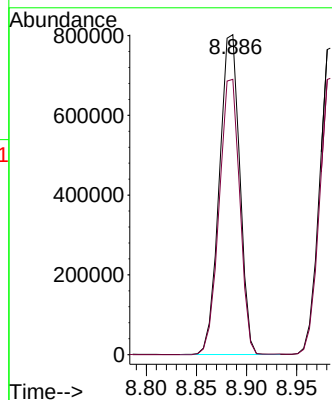
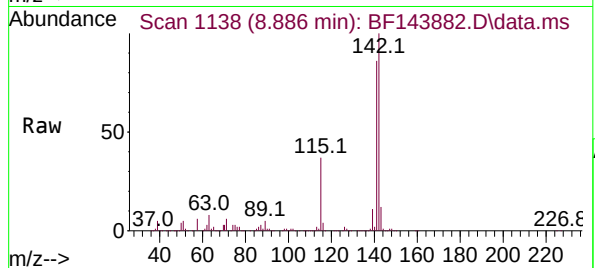




#37
2-Methylnaphthalene
Concen: 64.254 ng
RT: 8.886 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

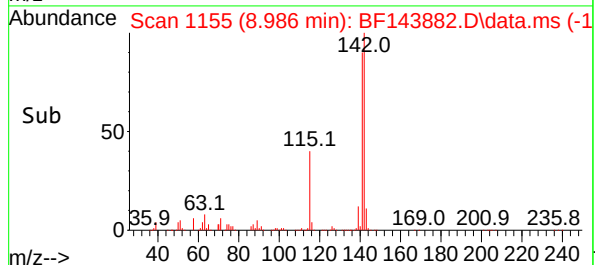
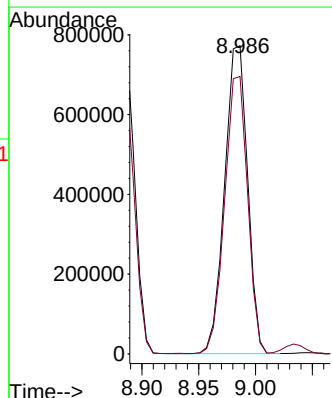
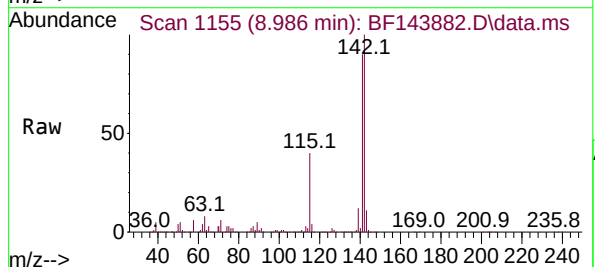
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

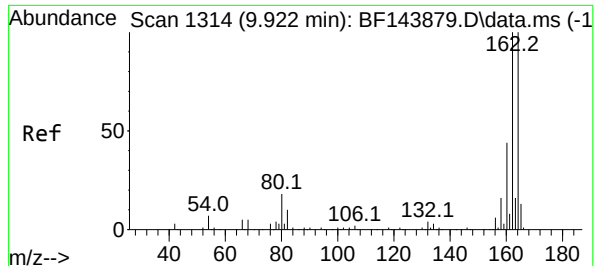
Tgt Ion:142 Resp: 1138146
Ion Ratio Lower Upper
142 100
141 86.0 69.2 103.8



#38
1-Methylnaphthalene
Concen: 63.318 ng
RT: 8.986 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:142 Resp: 1087879
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

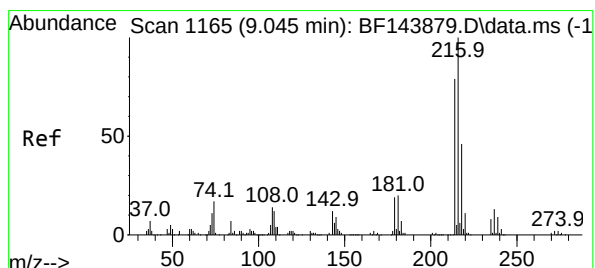
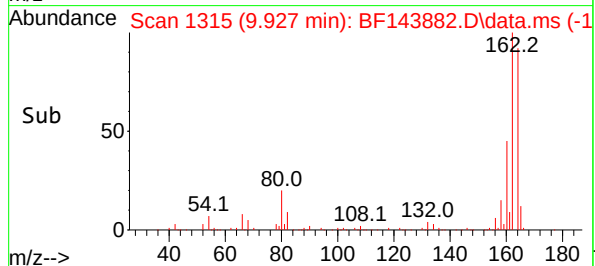
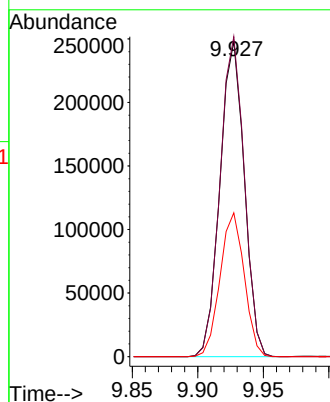
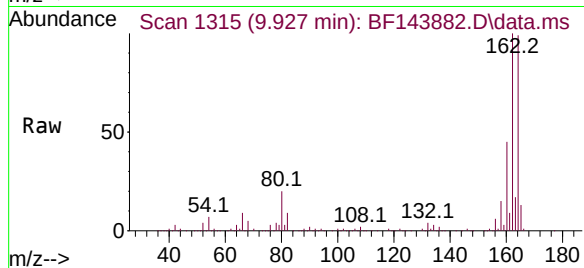
Tgt Ion:164 Resp: 320335

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

160 45.6 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 67.166 ng

RT: 9.051 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion:216 Resp: 594660

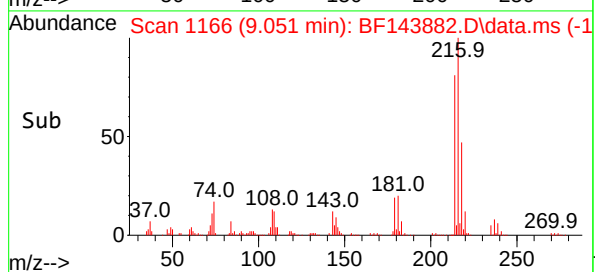
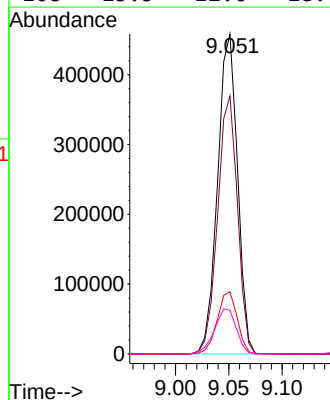
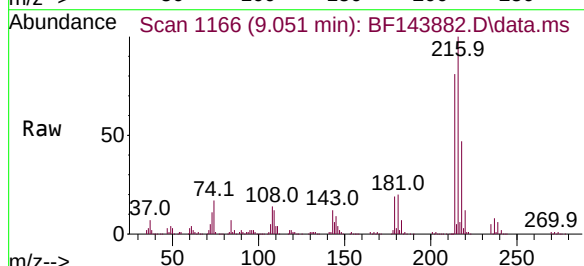
Ion Ratio Lower Upper

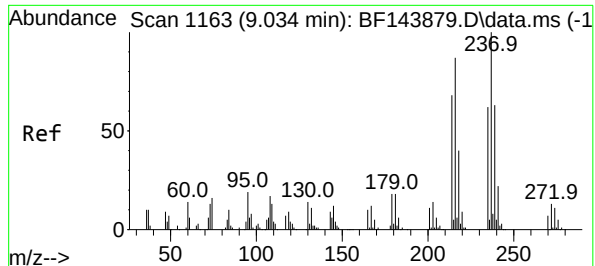
216 100

214 80.4 62.6 94.0

179 19.6 15.4 23.0

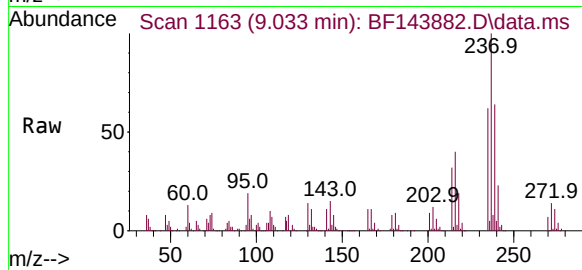
108 15.5 12.0 18.0



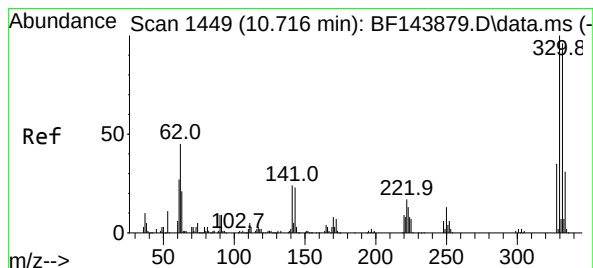
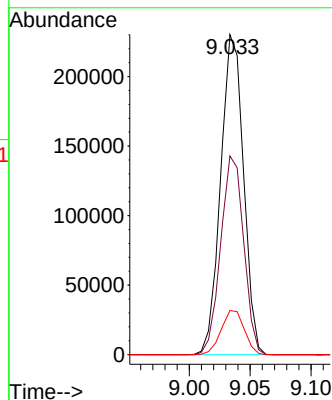
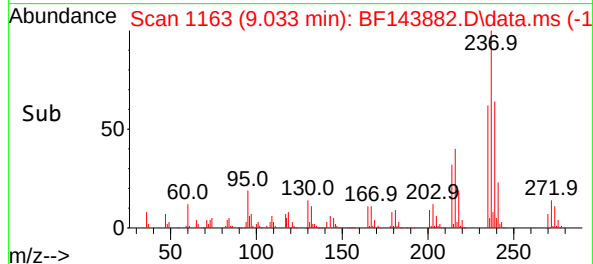


#41
Hexachlorocyclopentadiene
Concen: 81.998 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

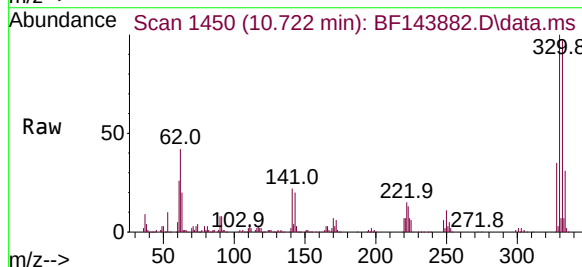
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



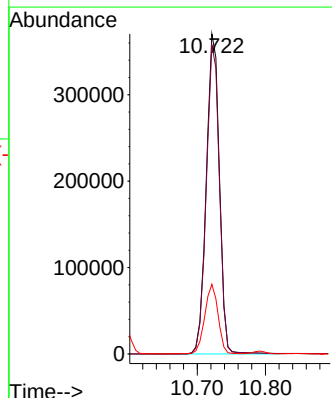
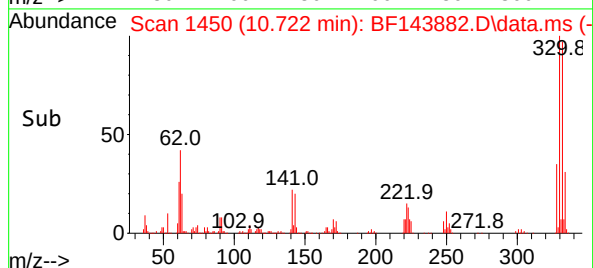
Tgt Ion:237 Resp: 301178
Ion Ratio Lower Upper
237 100
235 62.1 42.3 82.3
272 13.8 0.0 33.1

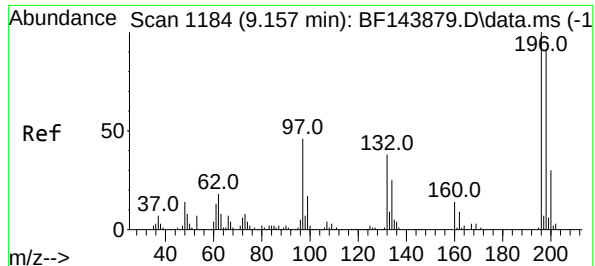


#42
2,4,6-Tribromophenol
Concen: 155.397 ng
RT: 10.722 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



Tgt Ion:330 Resp: 495811
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 21.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 74.487 ng

RT: 9.163 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

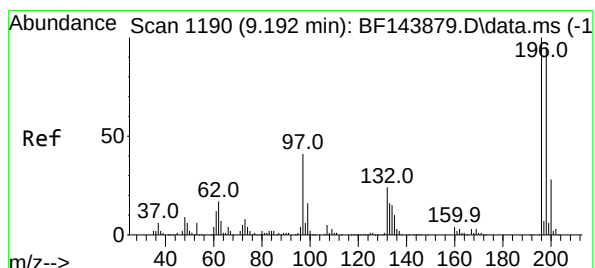
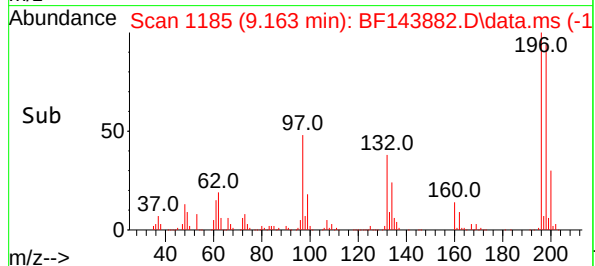
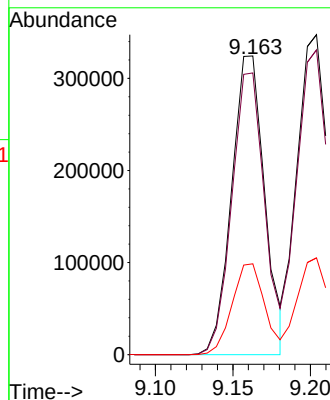
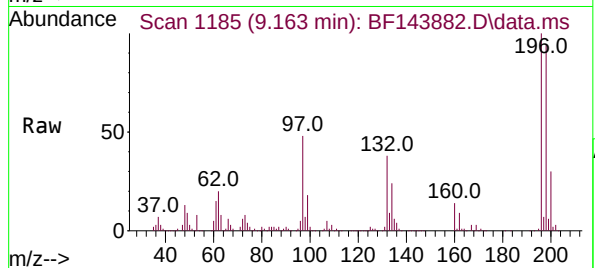
Tgt Ion:196 Resp: 481852

Ion Ratio Lower Upper

196 100

198 94.4 72.8 109.2

200 30.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 71.286 ng

RT: 9.204 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Tgt Ion:196 Resp: 487322

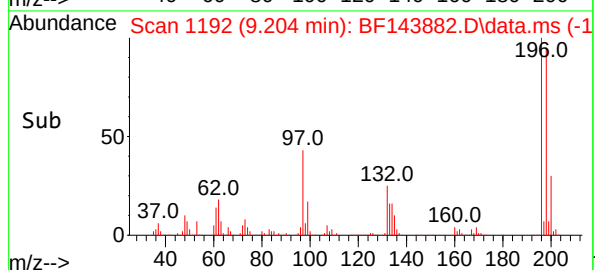
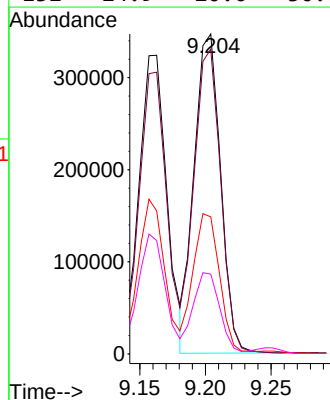
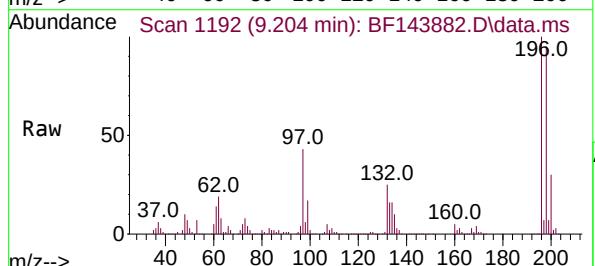
Ion Ratio Lower Upper

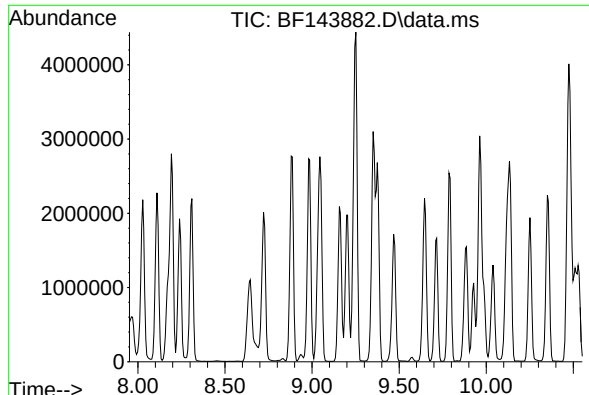
196 100

198 95.2 75.5 113.3

97 42.8 33.9 50.9

132 24.9 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.25 min

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

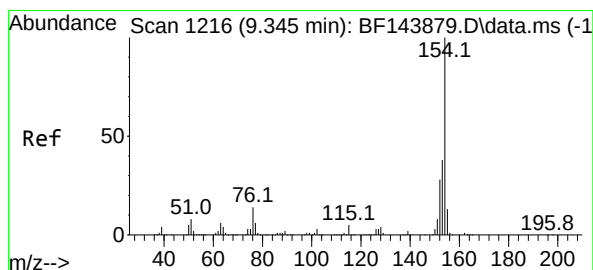
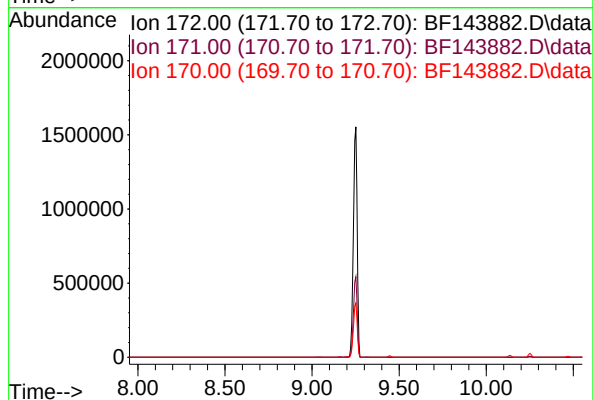
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.2

170 23.3



#46

1,1'-Biphenyl

Concen: 63.407 ng

RT: 9.351 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

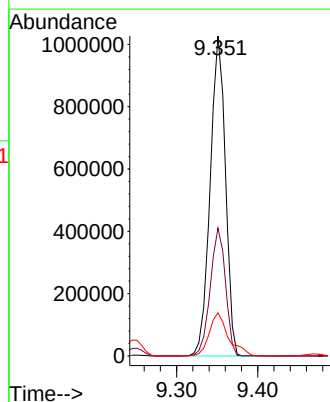
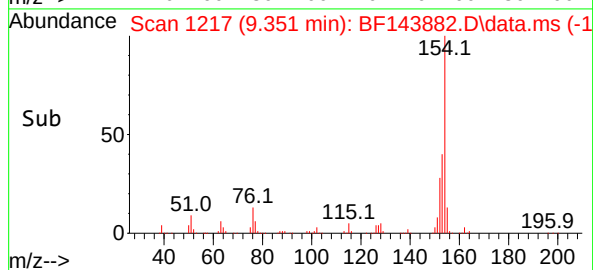
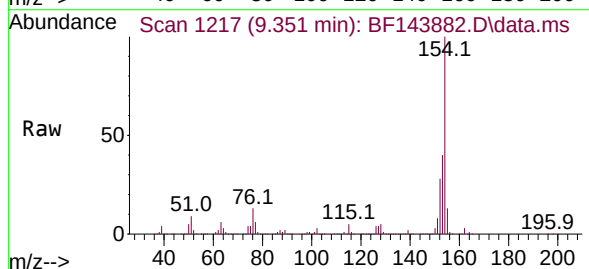
Tgt Ion:154 Resp: 1344805

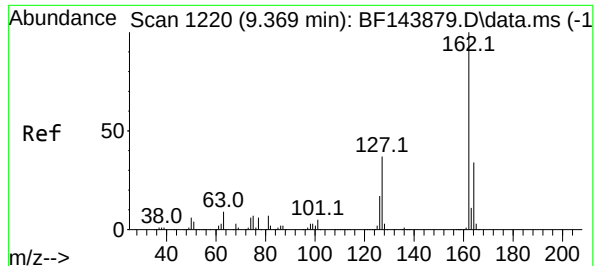
Ion Ratio Lower Upper

154 100

153 40.0 18.4 58.4

76 13.5 0.0 34.0





#47

2-Chloronaphthalene

Concen: 66.165 ng

RT: 9.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

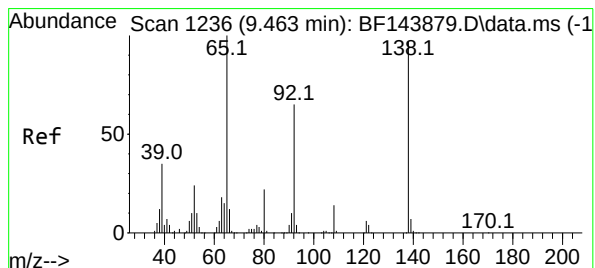
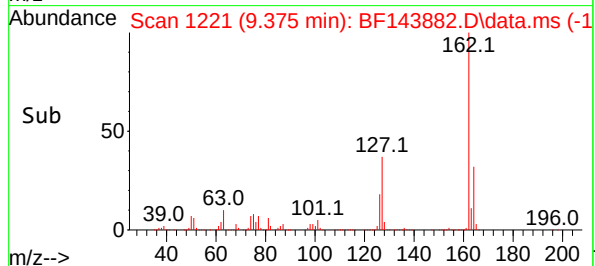
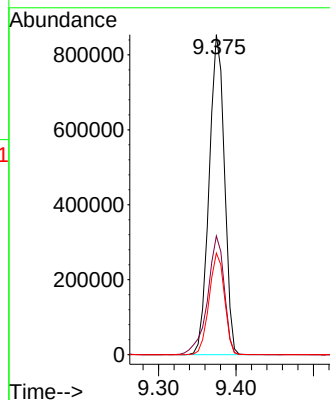
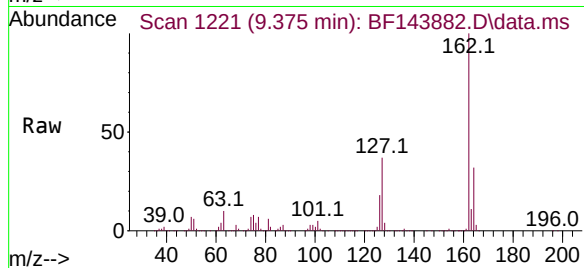
Tgt Ion:162 Resp: 1170019

Ion Ratio Lower Upper

162 100

127 37.1 30.2 45.2

164 31.7 26.9 40.3



#48

2-Nitroaniline

Concen: 79.693 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

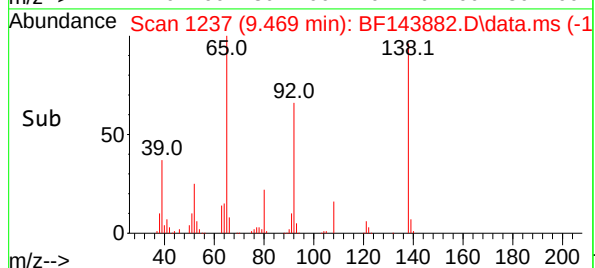
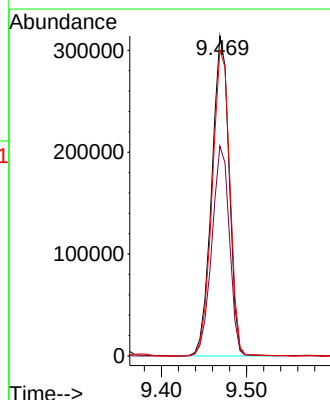
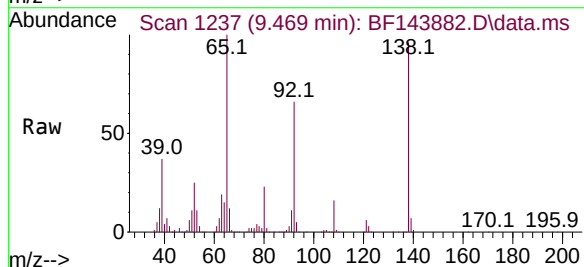
Tgt Ion: 65 Resp: 445537

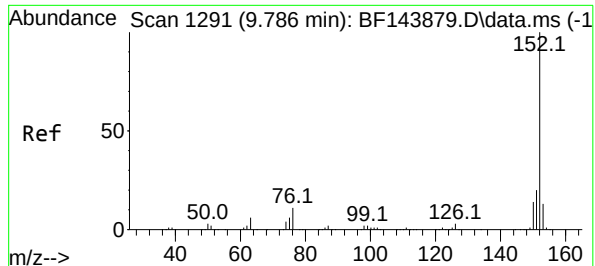
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

138 95.5 77.4 116.2





#49

Acenaphthylene

Concen: 66.159 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

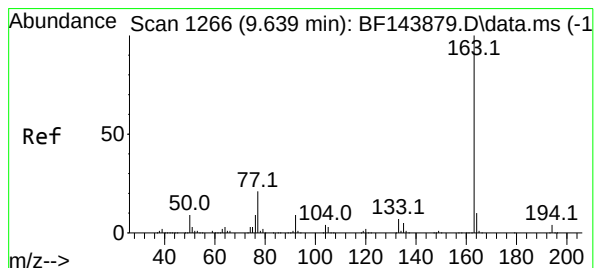
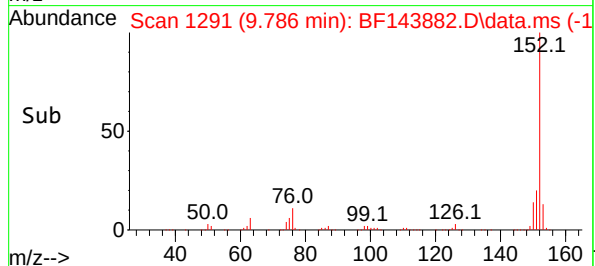
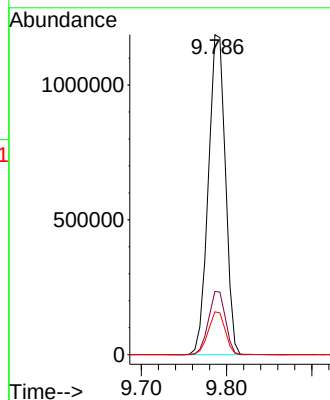
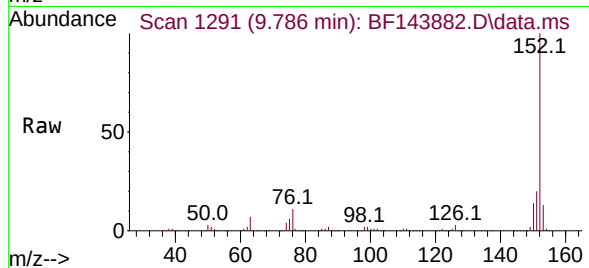
Tgt Ion:152 Resp: 1644728

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 69.582 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

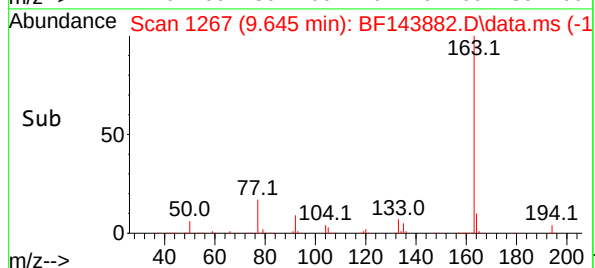
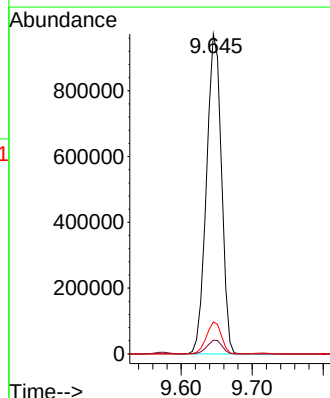
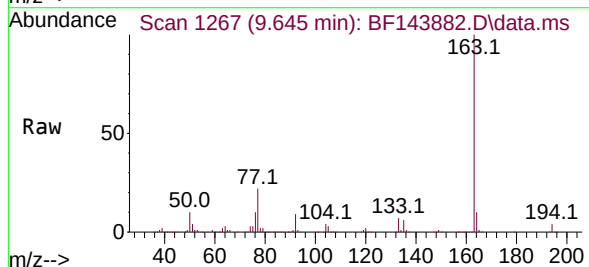
Tgt Ion:163 Resp: 1415482

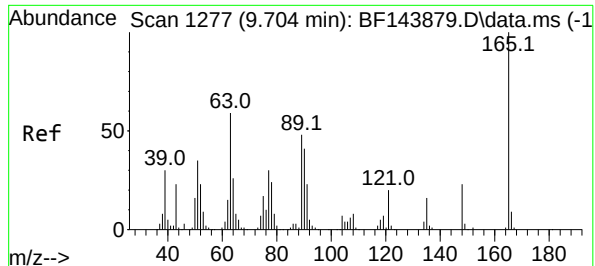
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.0 8.1 12.1

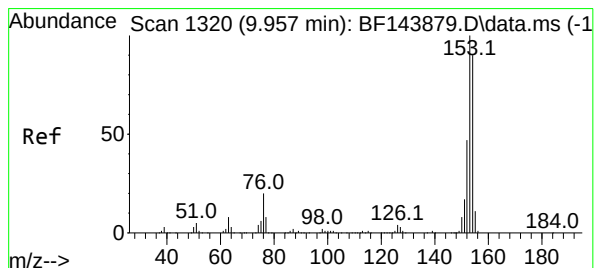
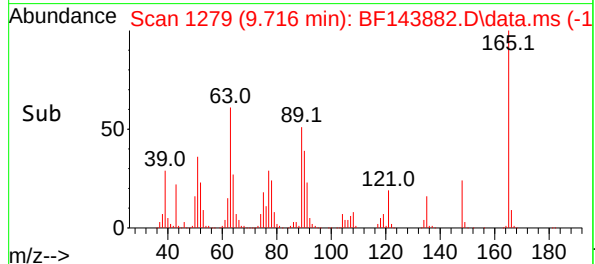
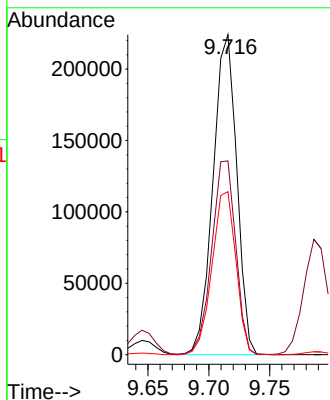
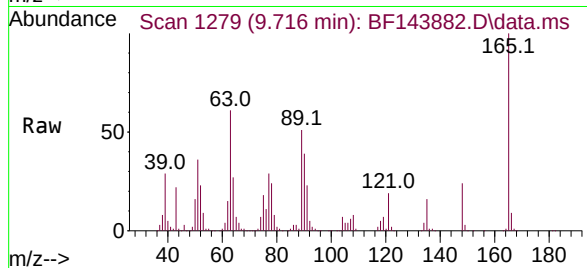




#51
2,6-Dinitrotoluene
Concen: 80.372 ng
RT: 9.716 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

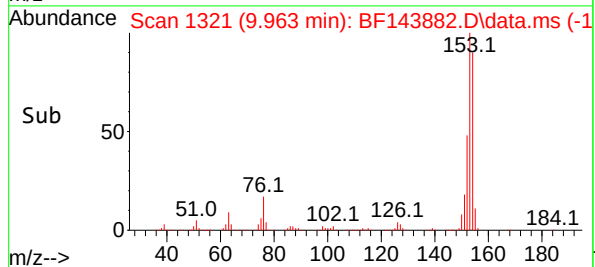
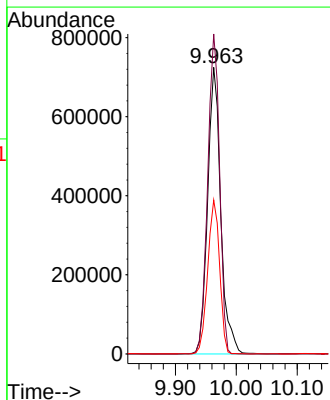
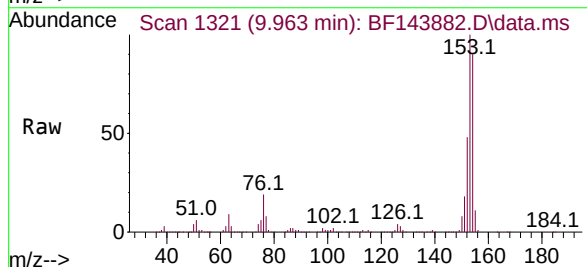
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

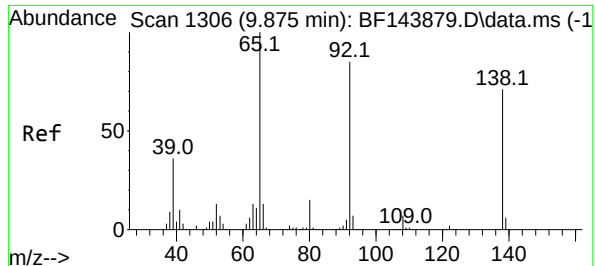
Tgt Ion:165 Resp: 303176
Ion Ratio Lower Upper
165 100
63 60.5 47.3 70.9
89 51.0 38.2 57.4



#52
Acenaphthene
Concen: 66.651 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:154 Resp: 1085733
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 53.7 42.2 63.2

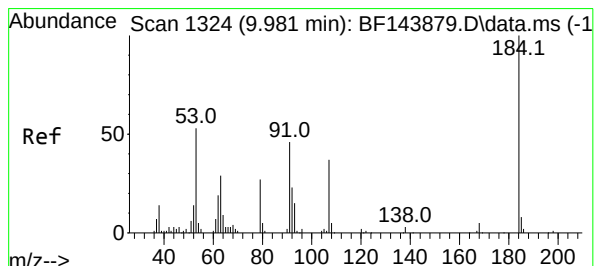
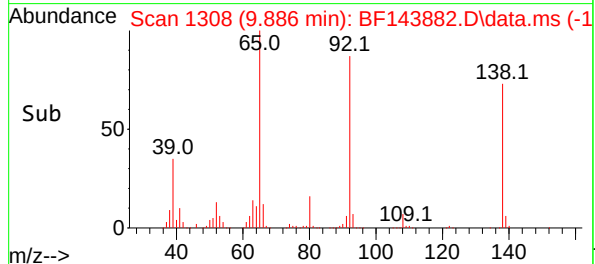
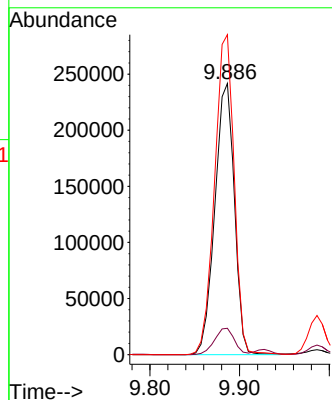
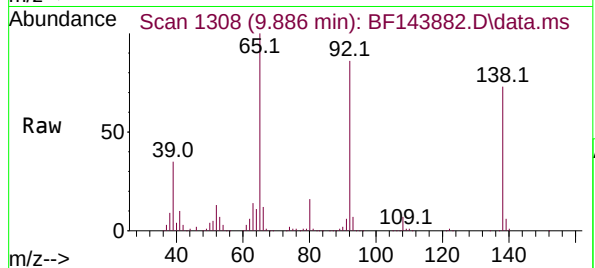




#53
3-Nitroaniline
Concen: 79.233 ng
RT: 9.886 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

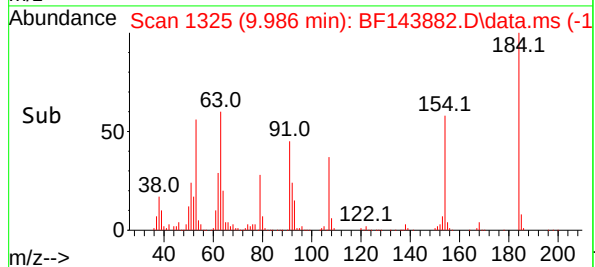
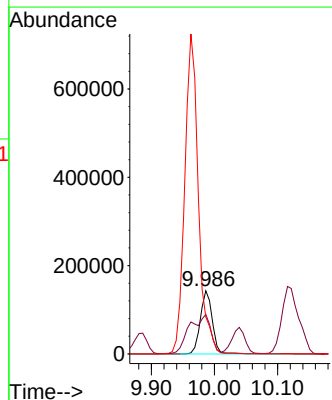
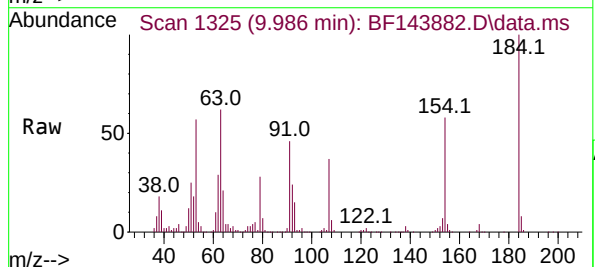
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

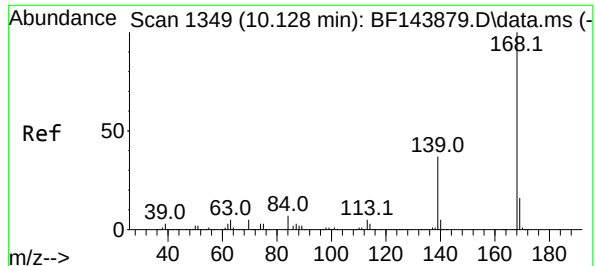
Tgt Ion:138 Resp: 365960
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 118.0 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 80.556 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:184 Resp: 187560
Ion Ratio Lower Upper
184 100
63 62.4 48.2 72.4
154 58.5 49.2 73.8





#55

Dibenzenofuran

Concen: 63.998 ng

RT: 10.133 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

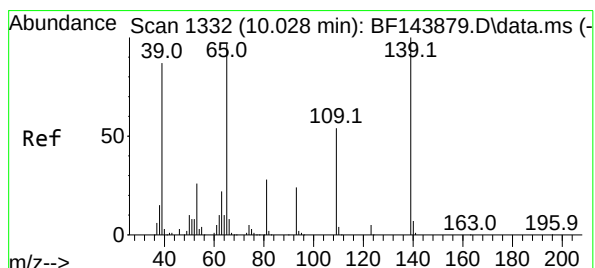
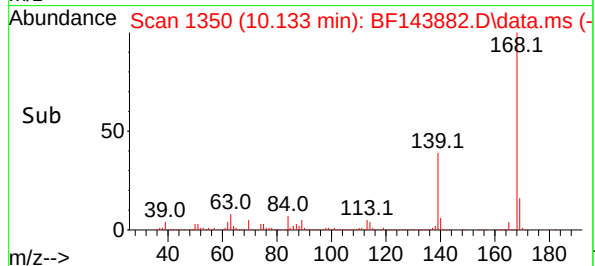
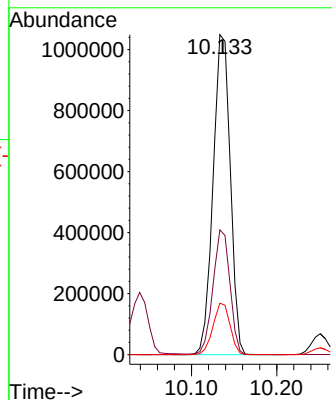
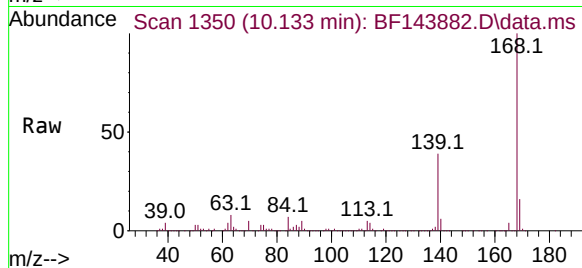
Tgt Ion:168 Resp: 1471622

Ion Ratio Lower Upper

168 100

139 39.0 29.8 44.8

169 16.1 12.8 19.2



#56

4-Nitrophenol

Concen: 84.335 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

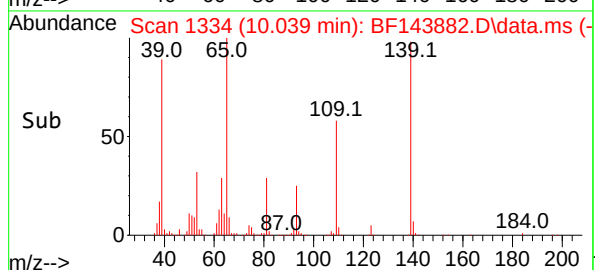
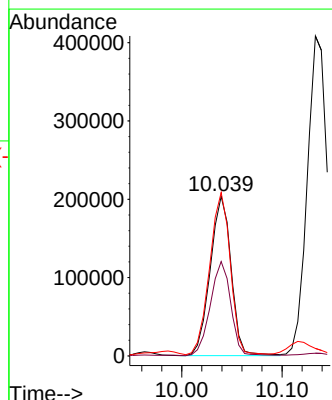
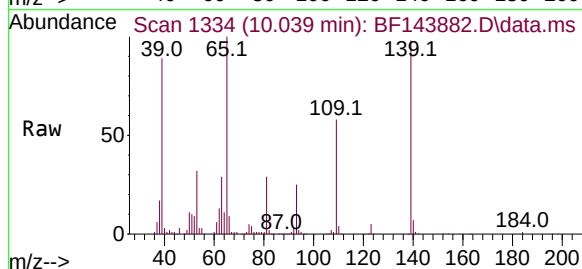
Tgt Ion:139 Resp: 294937

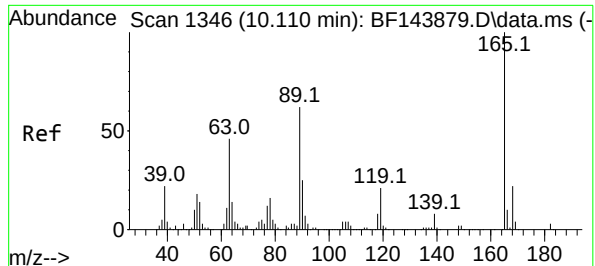
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 102.4 77.6 117.6

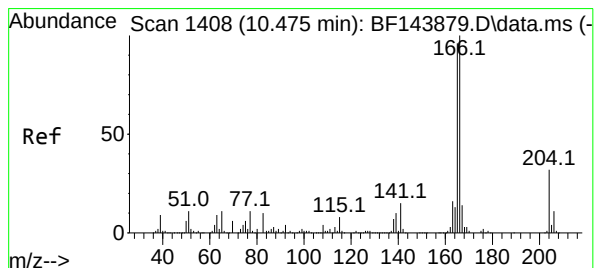
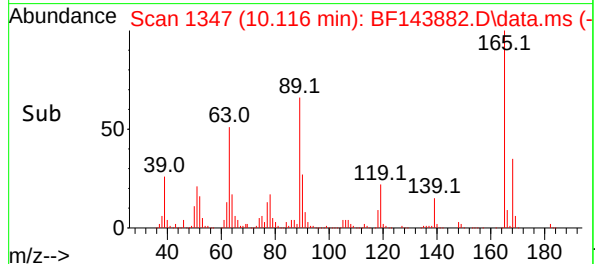
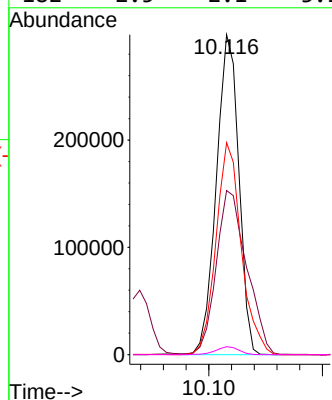
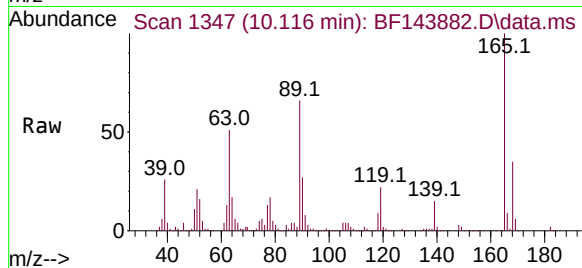




#57
2,4-Dinitrotoluene
Concen: 79.779 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

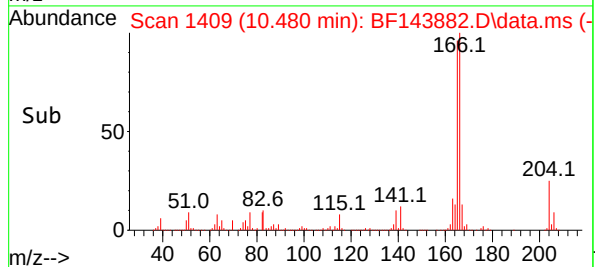
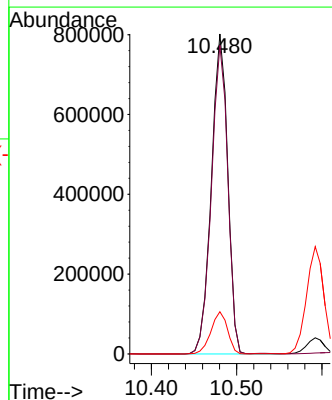
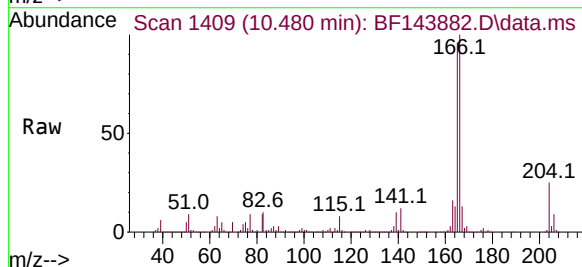
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

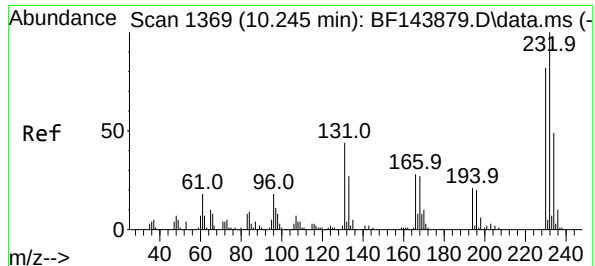
Tgt Ion:165 Resp: 409463
Ion Ratio Lower Upper
165 100
63 51.3 37.2 55.8
89 66.2 49.4 74.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 61.654 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:166 Resp: 1069764
Ion Ratio Lower Upper
166 100
165 96.4 77.0 115.6
167 13.2 11.1 16.7

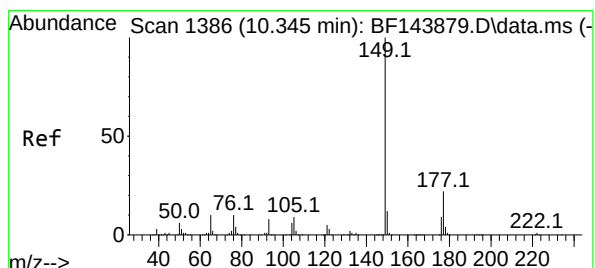
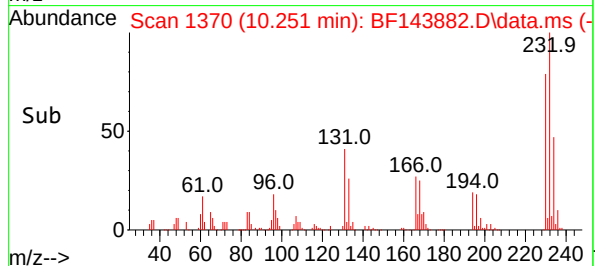
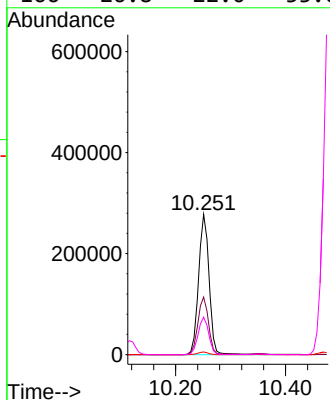
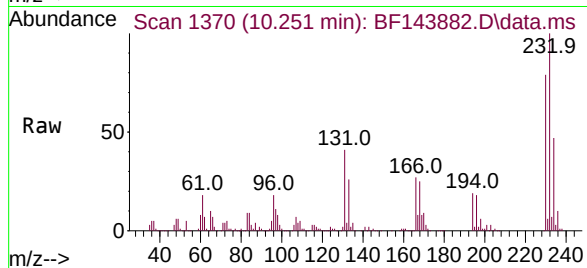




#59
2,3,4,6-Tetrachlorophenol
Concen: 76.170 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

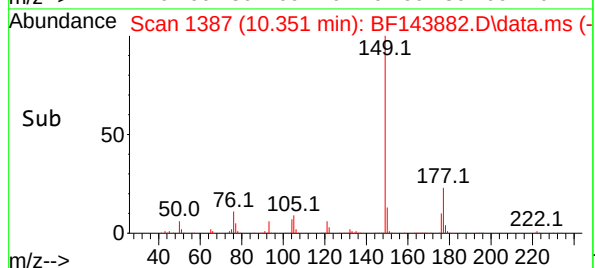
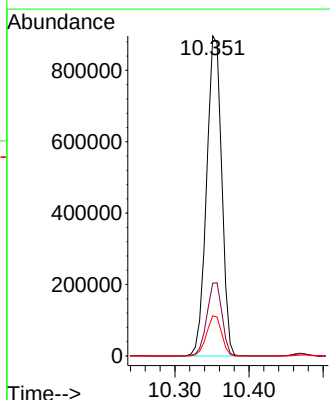
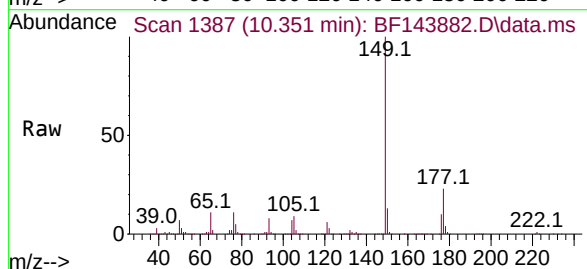
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

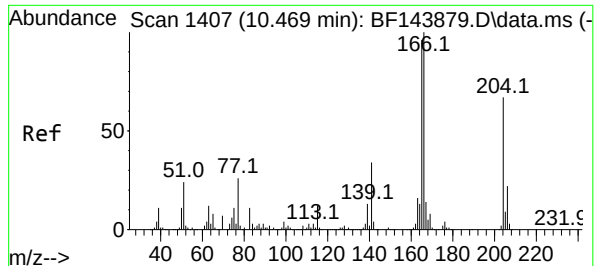
Tgt Ion:232 Resp: 368599
Ion Ratio Lower Upper
232 100
131 41.5 34.9 52.3
130 1.8 1.6 2.4
166 26.8 22.0 33.0



#60
Diethylphthalate
Concen: 67.047 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 1267085
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.5 9.8 14.8

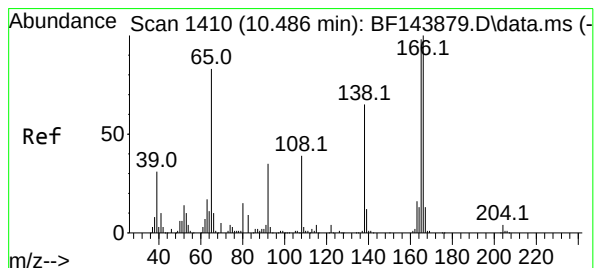
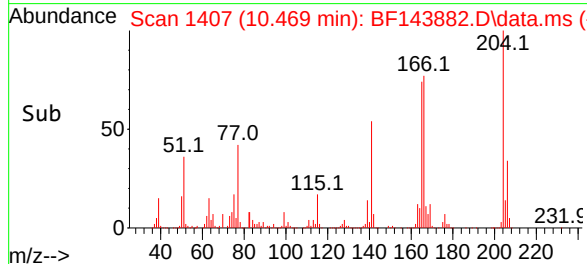
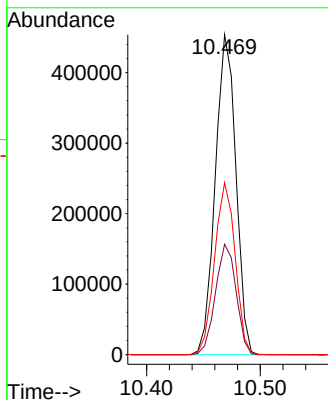
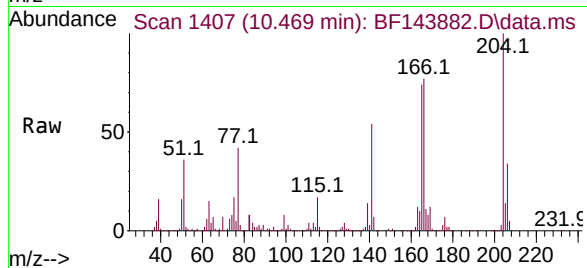




#61
4-Chlorophenyl-phenylether
Concen: 62.357 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

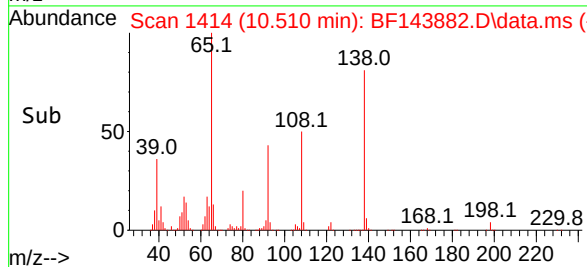
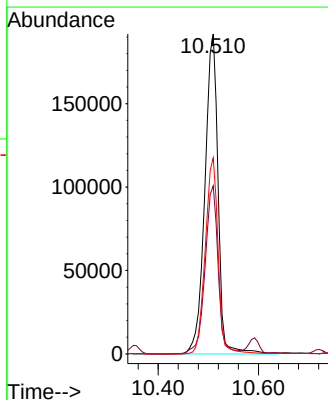
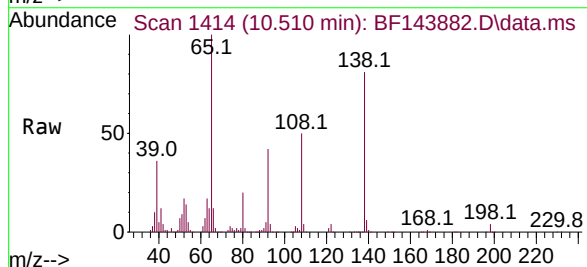
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

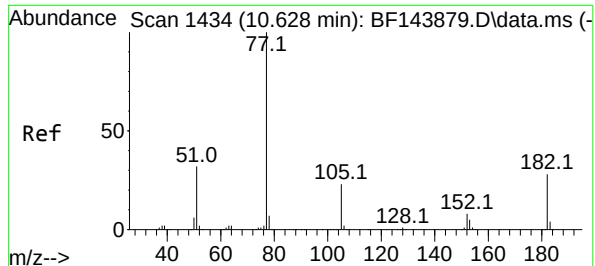
Tgt Ion:204 Resp: 572035
Ion Ratio Lower Upper
204 100
206 34.5 26.6 40.0
141 53.7 40.4 60.6



#62
4-Nitroaniline
Concen: 79.169 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:138 Resp: 351634
Ion Ratio Lower Upper
138 100
92 52.5 33.9 73.9
108 61.3 40.2 80.2

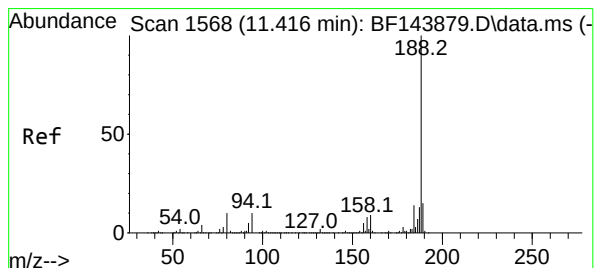
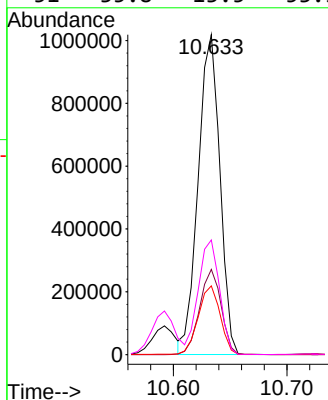
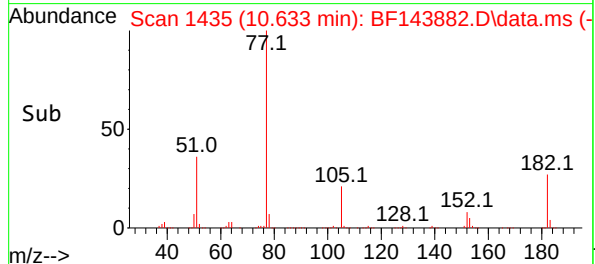
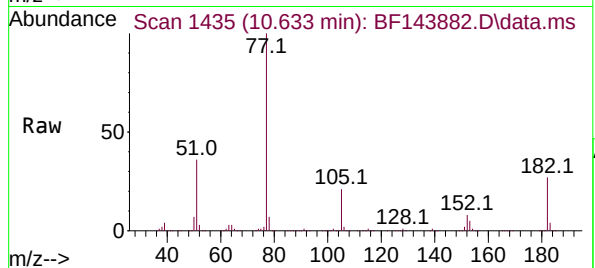




#63
Azobenzene
Concen: 68.446 ng
RT: 10.633 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

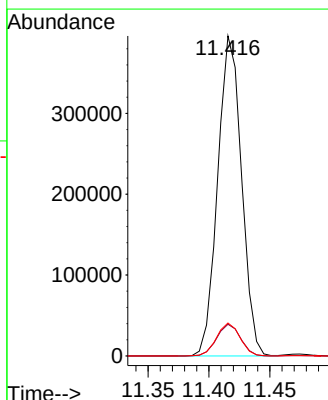
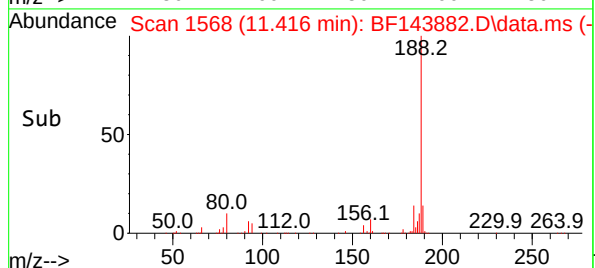
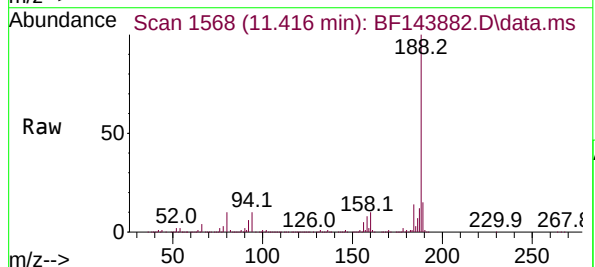
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

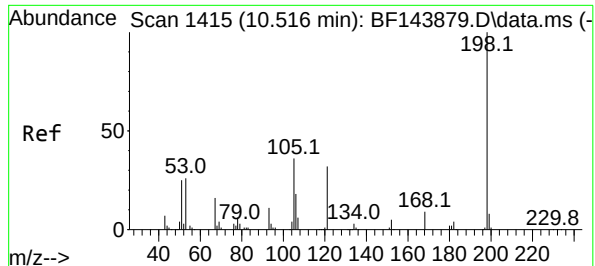
Tgt Ion: 77 Resp: 1351920
Ion Ratio Lower Upper
77 100
182 26.7 7.3 47.3
105 21.5 3.0 43.0
51 35.8 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 188 Resp: 540366
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.3 7.9 11.9

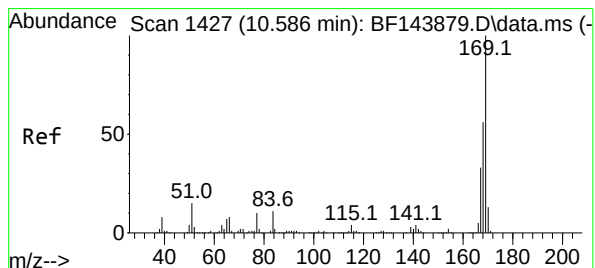
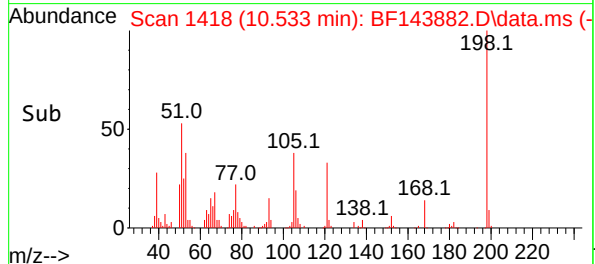
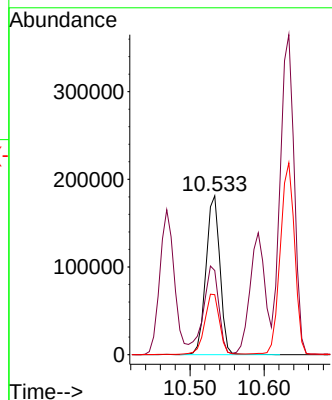
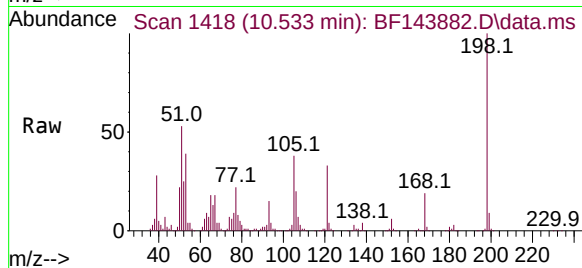




#65
4,6-Dinitro-2-methylphenol
Concen: 87.227 ng
RT: 10.533 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

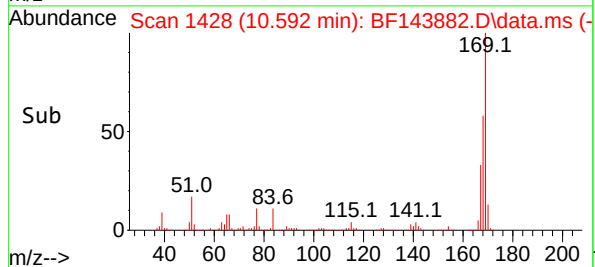
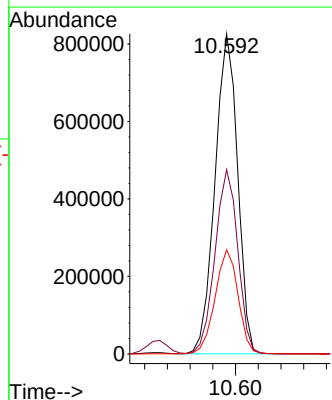
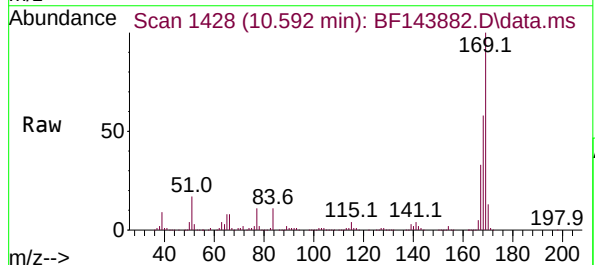
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

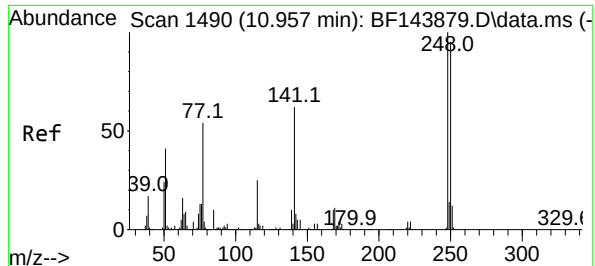
Tgt Ion:198 Resp: 236863
Ion Ratio Lower Upper
198 100
51 53.0 33.8 73.8
105 37.7 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 67.159 ng
RT: 10.592 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:169 Resp: 1139482
Ion Ratio Lower Upper
169 100
168 57.6 44.9 67.3
167 32.5 26.3 39.5

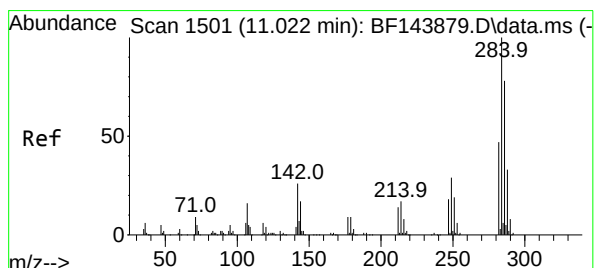
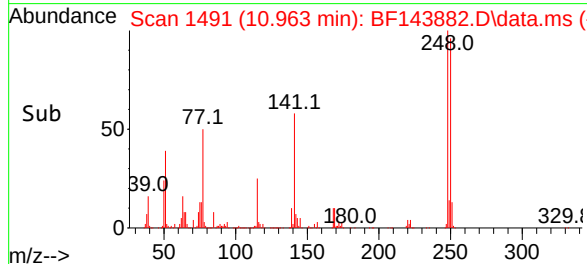
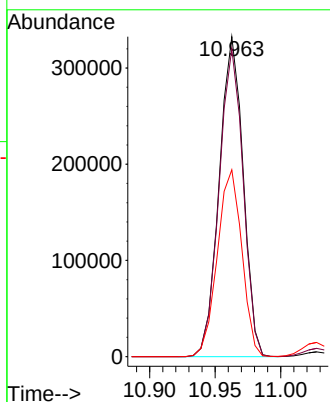
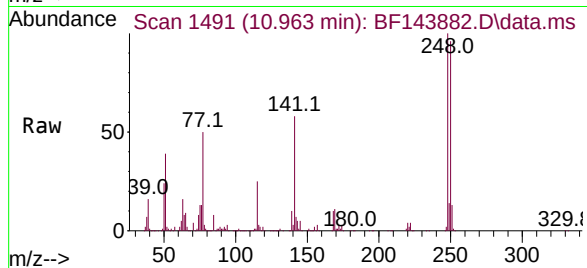




#67
4-Bromophenyl-phenylether
Concen: 70.857 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

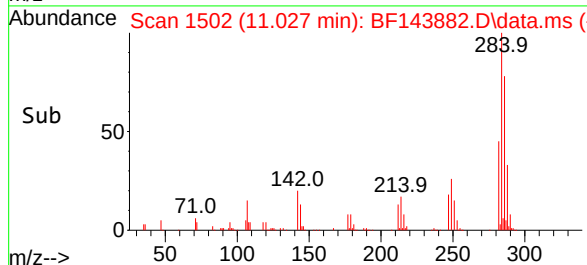
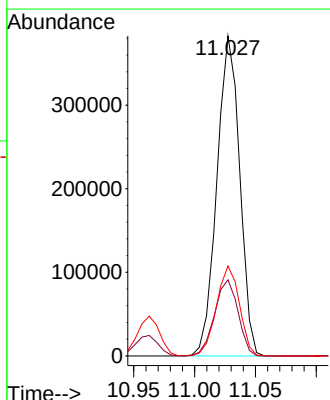
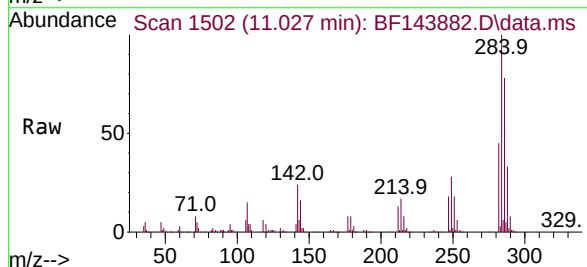
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

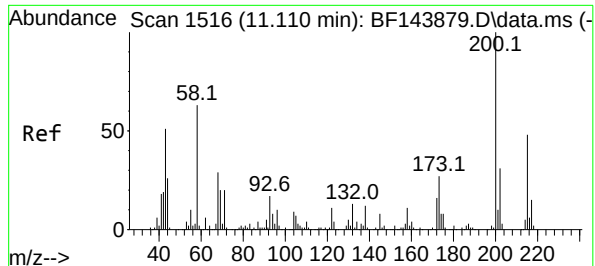
Tgt Ion:248 Resp: 423148
Ion Ratio Lower Upper
248 100
250 96.2 76.3 114.5
141 58.4 49.7 74.5



#68
Hexachlorobenzene
Concen: 72.118 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:284 Resp: 498602
Ion Ratio Lower Upper
284 100
142 23.8 20.6 30.8
249 28.1 23.2 34.8





#69

Atrazine

Concen: 67.621 ng

RT: 11.121 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

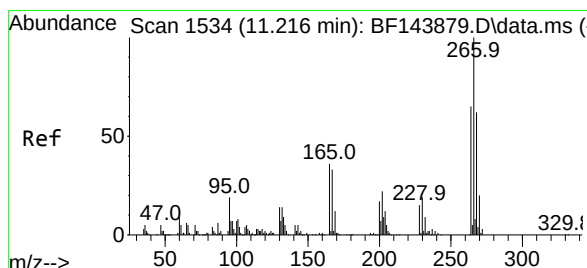
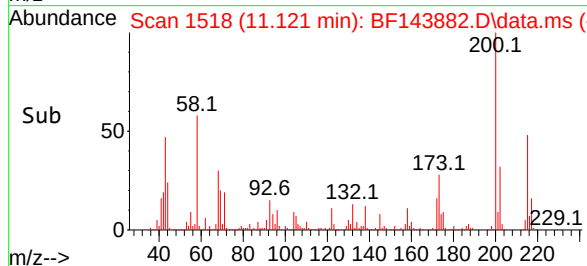
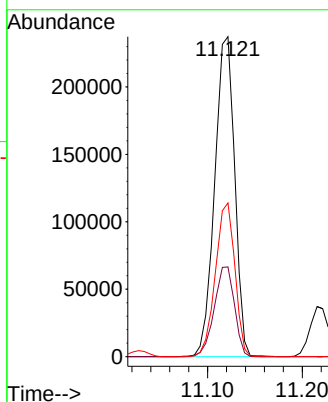
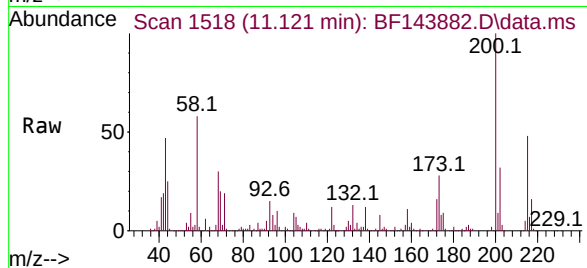
Tgt Ion:200 Resp: 347749

Ion Ratio Lower Upper

200 100

173 28.0 7.0 47.0

215 48.0 27.8 67.8



#70

Pentachlorophenol

Concen: 80.208 ng

RT: 11.221 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

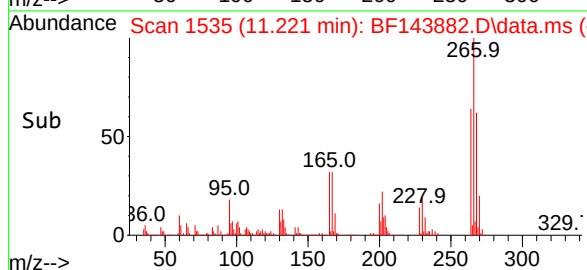
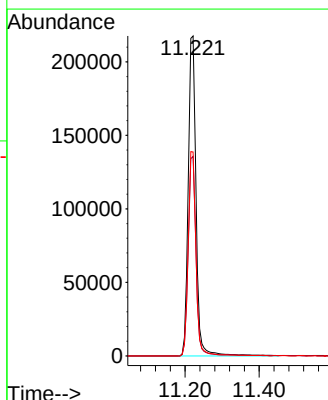
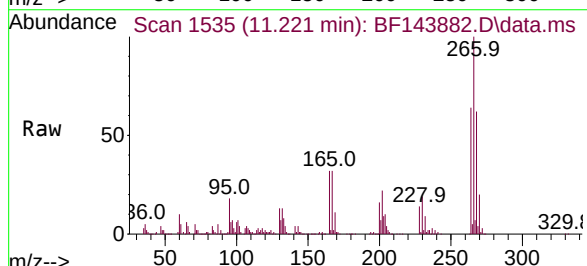
Tgt Ion:266 Resp: 318486

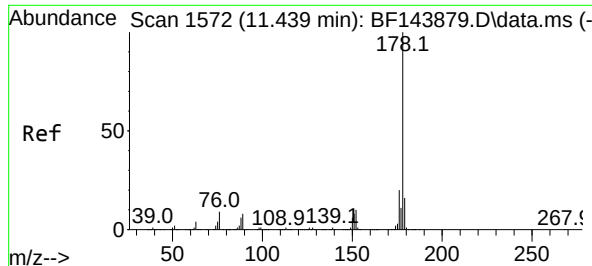
Ion Ratio Lower Upper

266 100

268 62.3 49.4 74.0

264 63.7 51.8 77.6

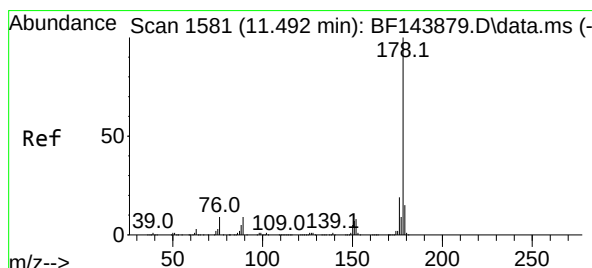
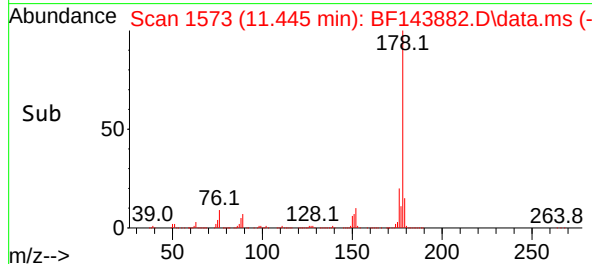
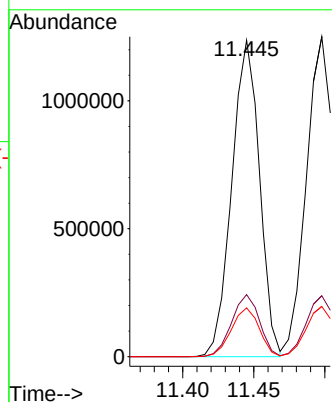
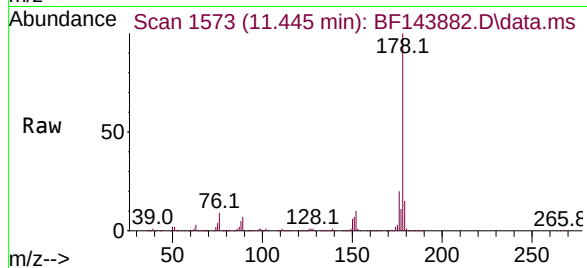




#71
Phenanthrene
Concen: 63.980 ng
RT: 11.445 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

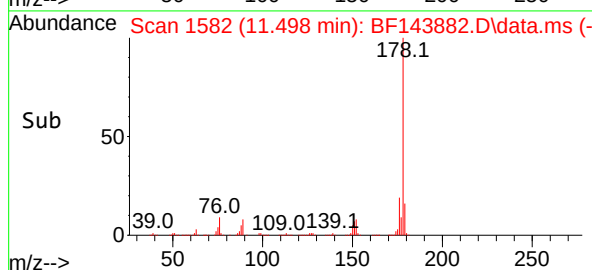
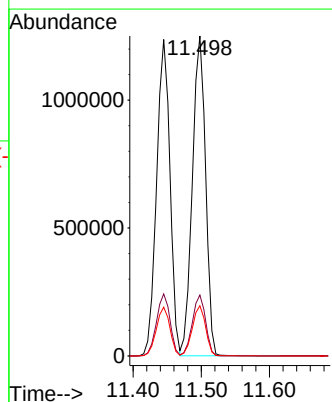
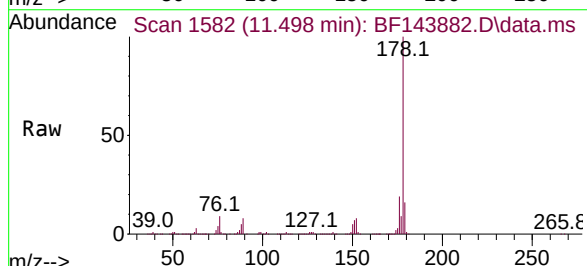
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

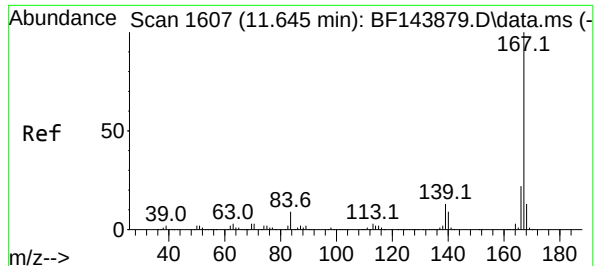
Tgt Ion:178 Resp: 1676081
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.4 12.4 18.6



#72
Anthracene
Concen: 63.814 ng
RT: 11.498 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:178 Resp: 1688865
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.2 18.2

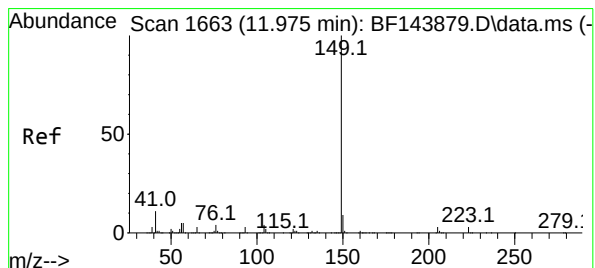
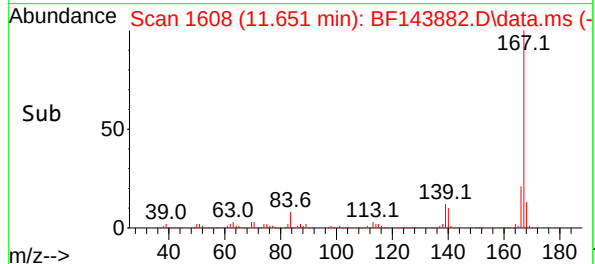
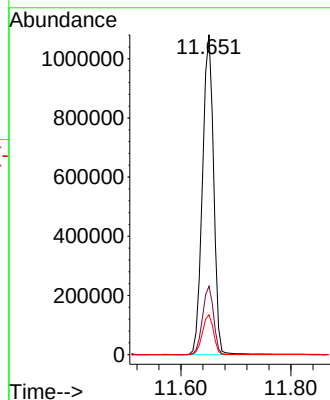
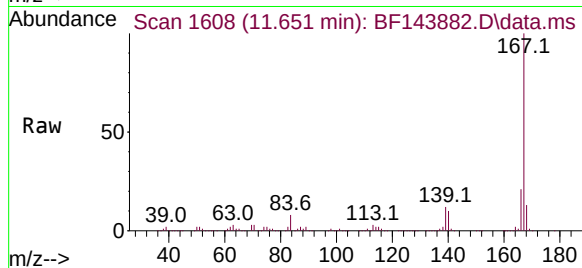




#73
Carbazole
Concen: 64.832 ng
RT: 11.651 min Scan# 1608
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

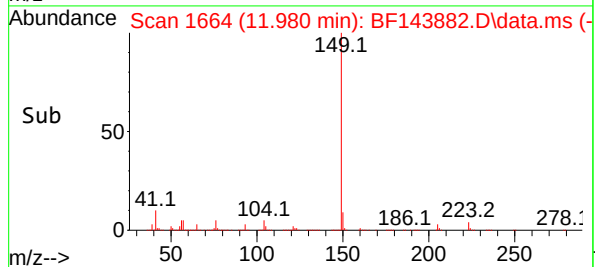
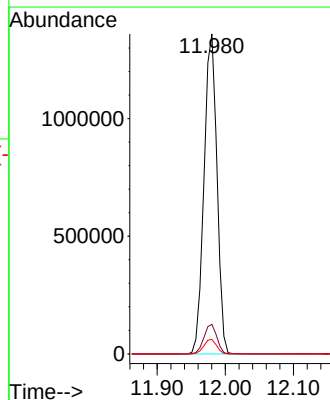
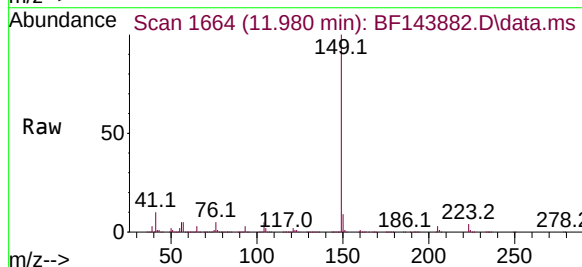
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

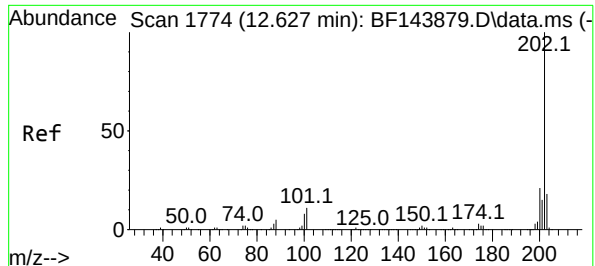
Tgt Ion:167 Resp: 1519615
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.5 10.1 15.1



#74
Di-n-butylphthalate
Concen: 66.034 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 1793855
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.5 3.4 5.2

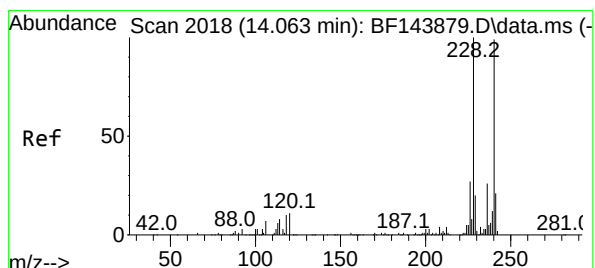
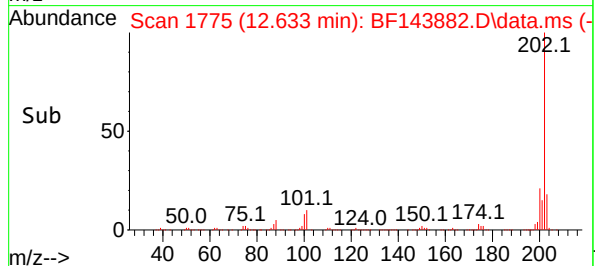
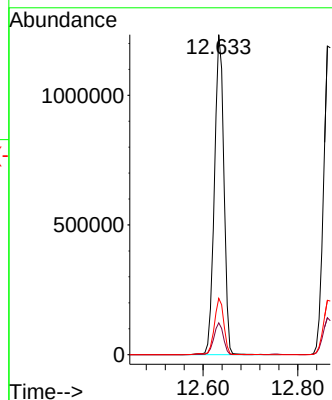
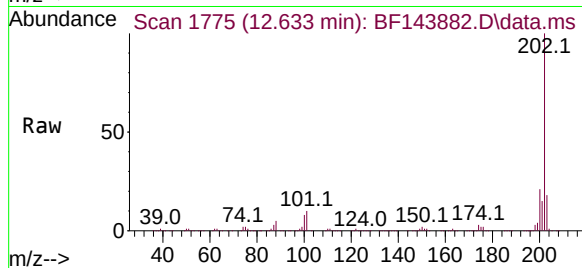




#75
Fluoranthene
Concen: 63.059 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

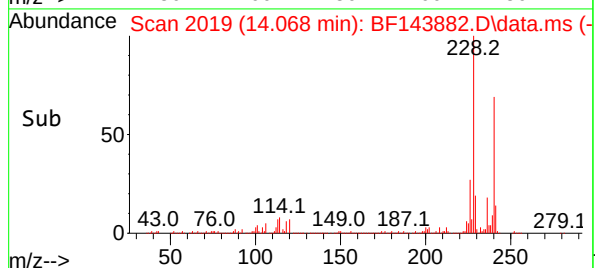
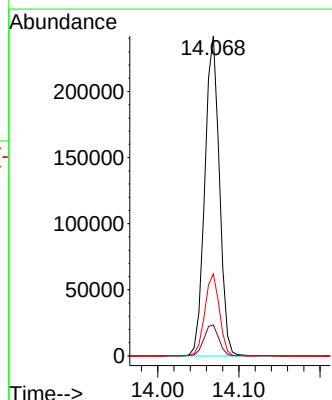
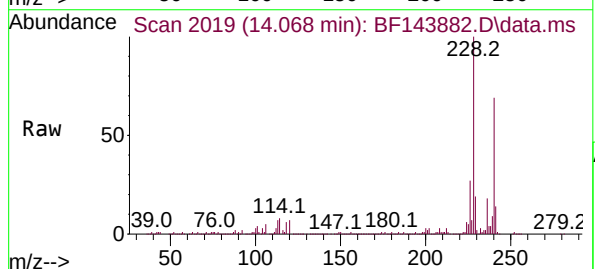
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

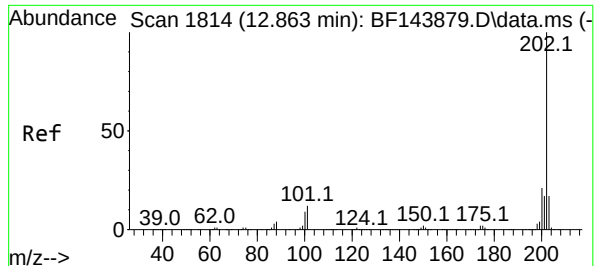
Tgt Ion:202 Resp: 1706368
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:240 Resp: 302500
Ion Ratio Lower Upper
240 100
120 9.7 8.6 13.0
236 25.6 21.1 31.7





#78

Pyrene

Concen: 68.126 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

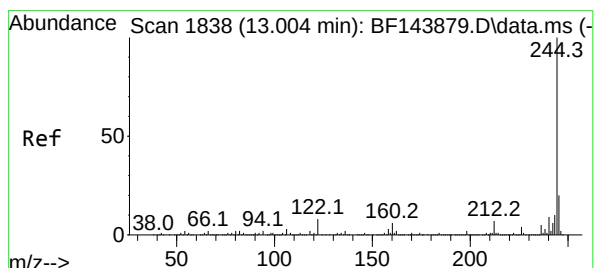
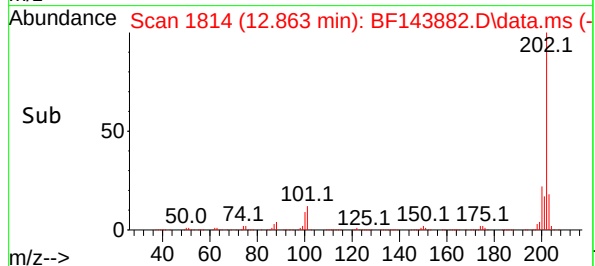
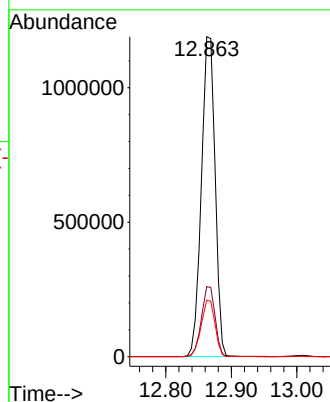
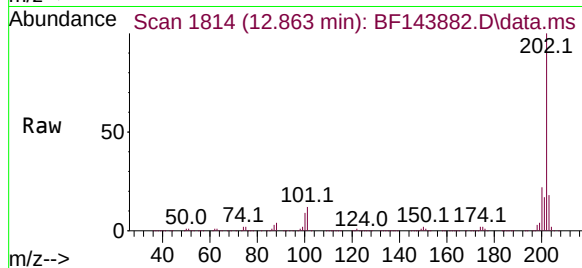
Tgt Ion:202 Resp: 1718085

Ion Ratio Lower Upper

202 100

200 21.9 17.0 25.6

203 17.6 13.8 20.6



#79

Terphenyl-d14

Concen: 134.604 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

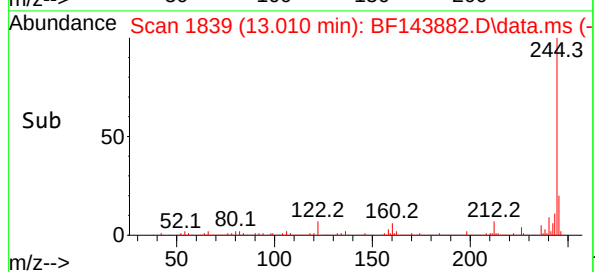
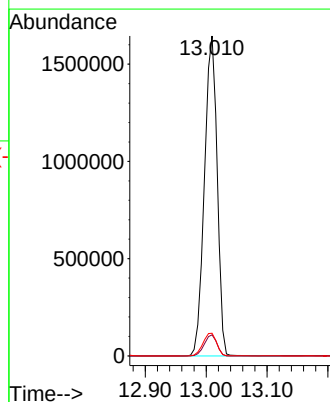
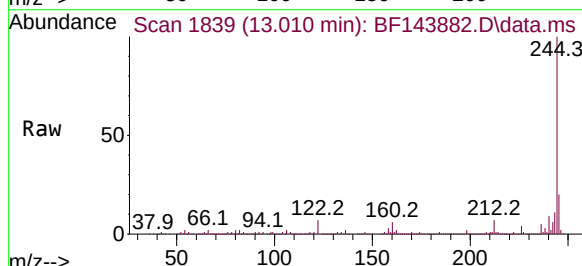
Tgt Ion:244 Resp: 2382437

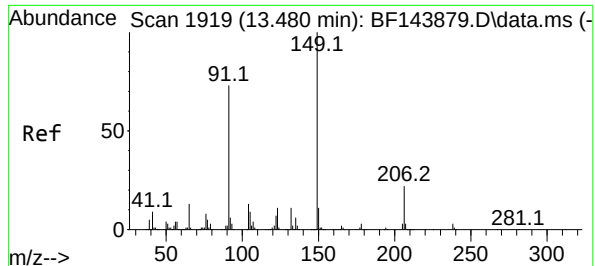
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 7.1 6.4 9.6





#80

Butylbenzylphthalate

Concen: 77.349 ng

RT: 13.480 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

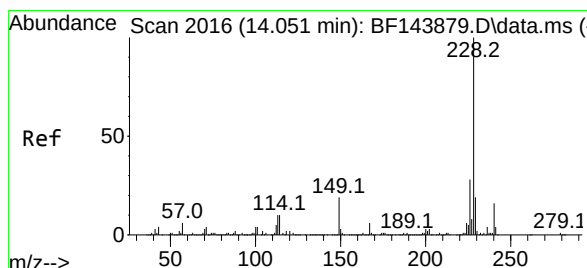
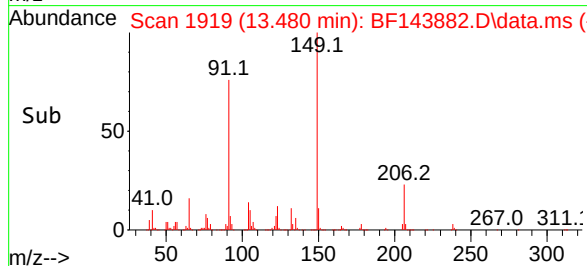
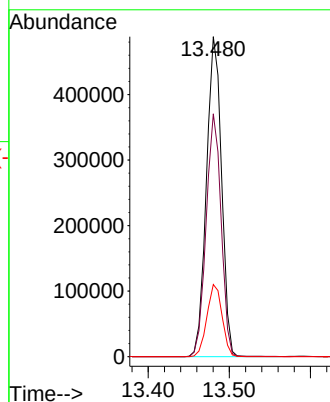
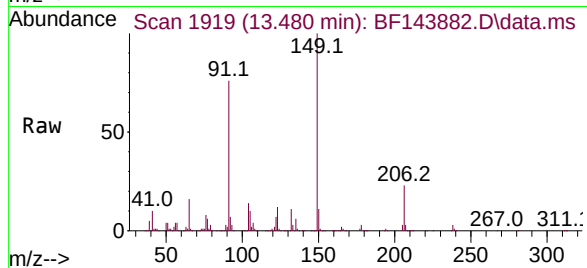
Tgt Ion:149 Resp: 633516

Ion Ratio Lower Upper

149 100

91 75.9 58.2 87.2

206 22.5 17.9 26.9



#81

Benzo(a)anthracene

Concen: 73.238 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

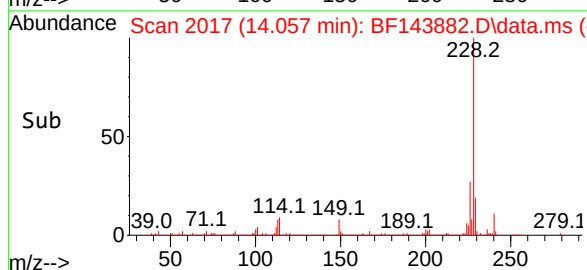
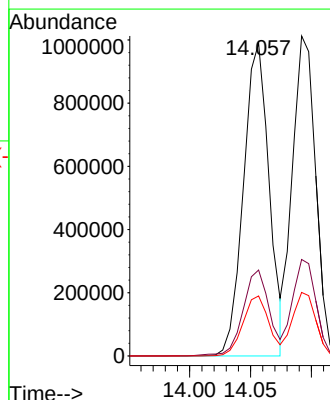
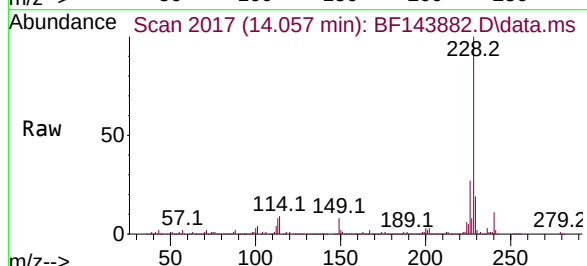
Tgt Ion:228 Resp: 1449801

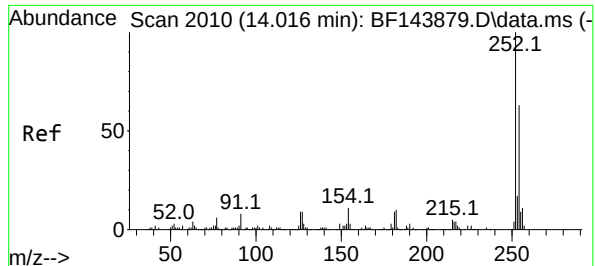
Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.2

229 19.2 15.6 23.4





#82

3,3'-Dichlorobenzidine

Concen: 76.476 ng

RT: 14.015 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

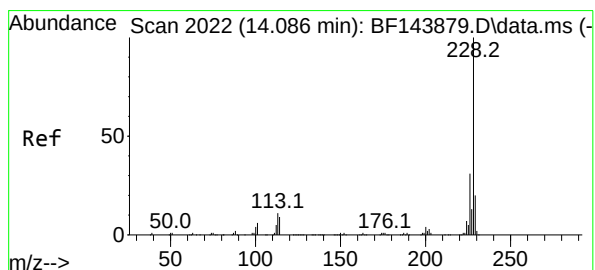
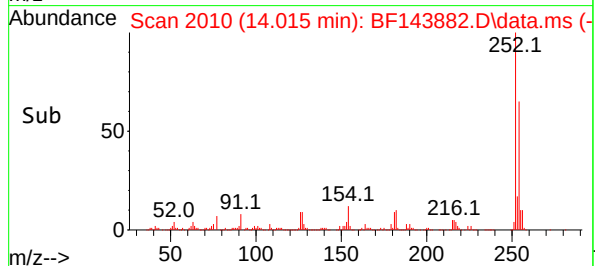
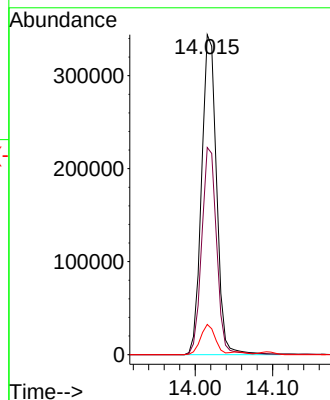
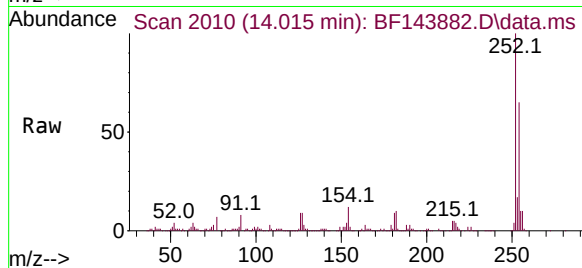
Tgt Ion:252 Resp: 461359

Ion Ratio Lower Upper

252 100

254 64.7 50.6 76.0

126 9.4 7.0 10.6



#83

Chrysene

Concen: 73.645 ng

RT: 14.092 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

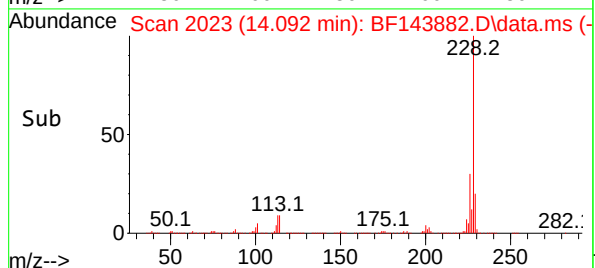
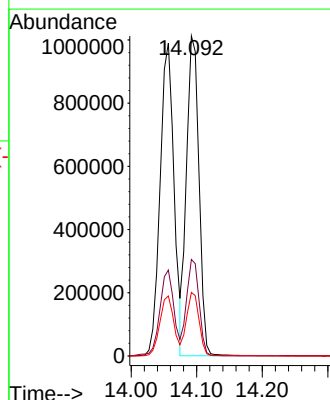
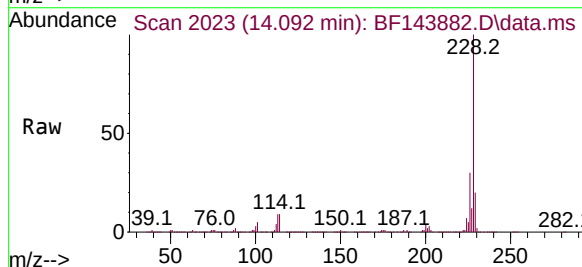
Tgt Ion:228 Resp: 1349286

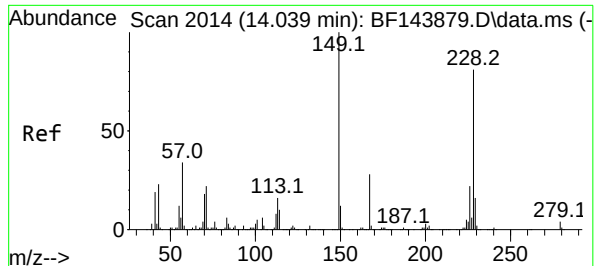
Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.8 15.9 23.9

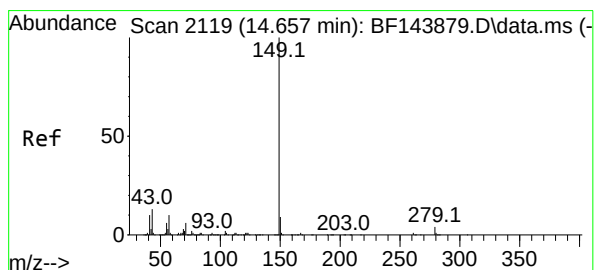
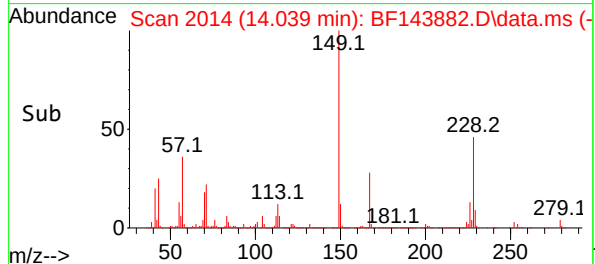
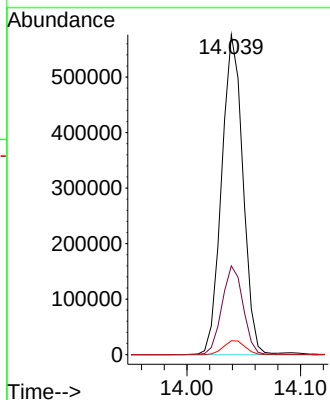
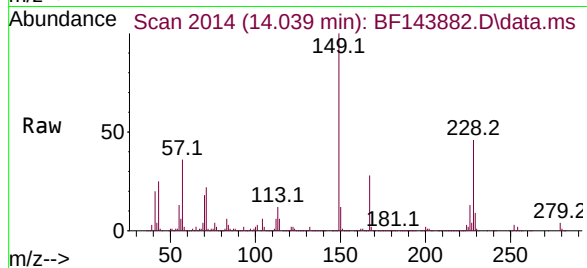




#84
Bis(2-ethylhexyl)phthalate
Concen: 75.897 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

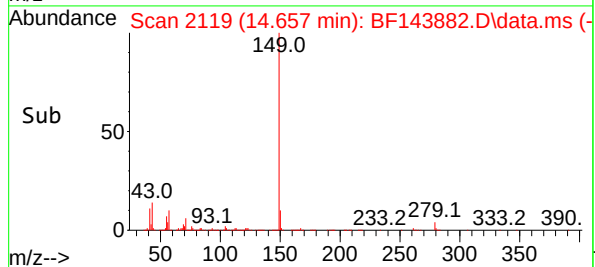
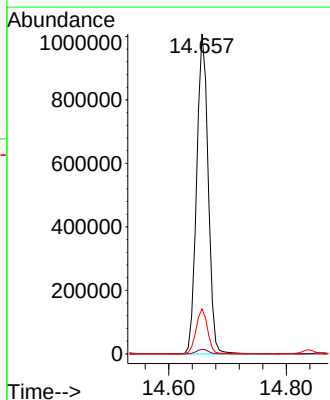
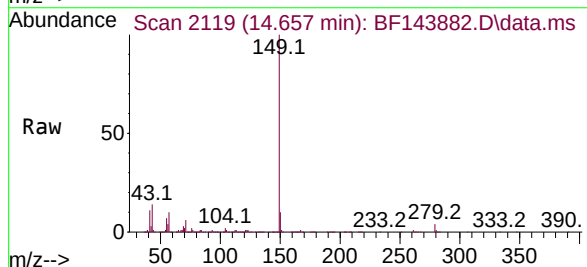
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

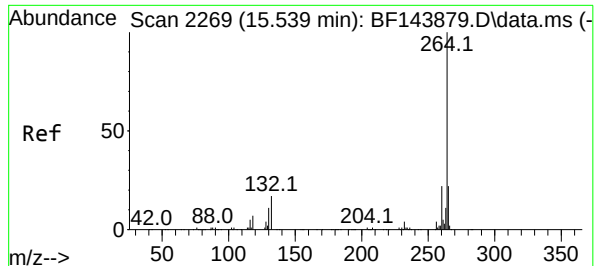
Tgt Ion:149 Resp: 749327
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.3 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 84.532 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion:149 Resp: 1370760
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.1 11.0 16.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

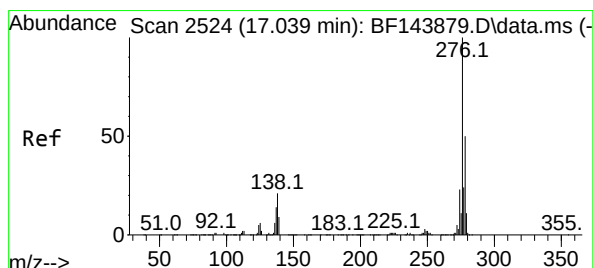
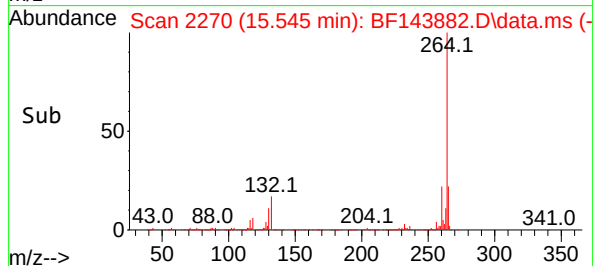
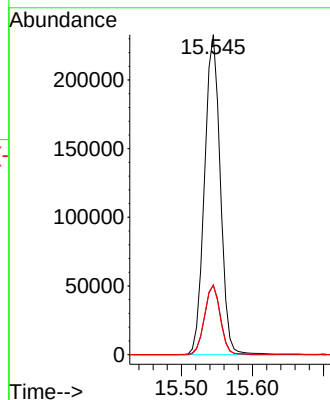
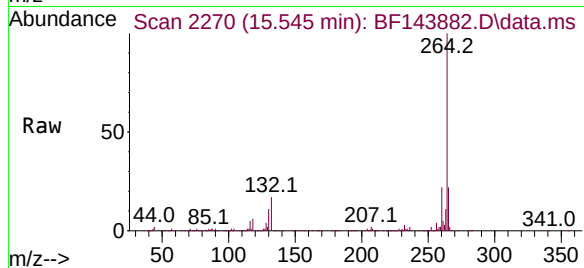
Tgt Ion:264 Resp: 357911

Ion Ratio Lower Upper

264 100

260 21.8 17.8 26.8

265 21.7 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 81.478 ng

RT: 17.056 min Scan# 2527

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

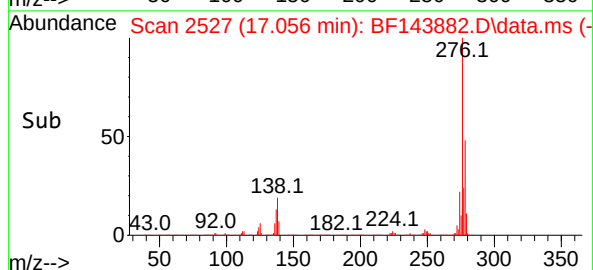
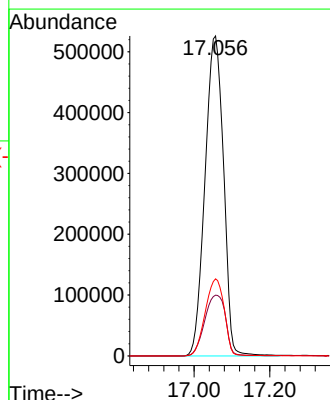
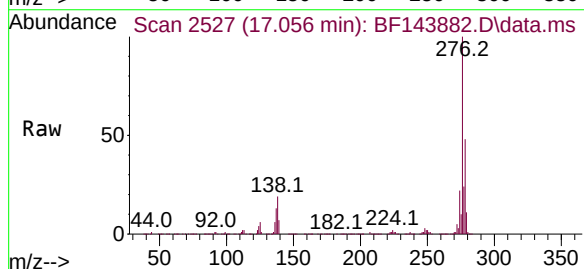
Tgt Ion:276 Resp: 1786876

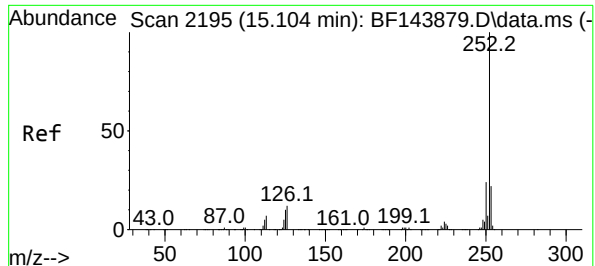
Ion Ratio Lower Upper

276 100

138 21.5 18.2 27.2

277 24.7 19.8 29.6





#88

Benzo(b)fluoranthene

Concen: 69.645 ng

RT: 15.115 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

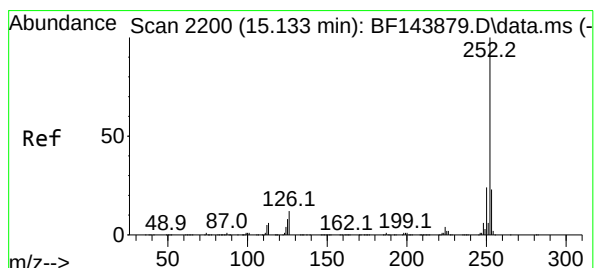
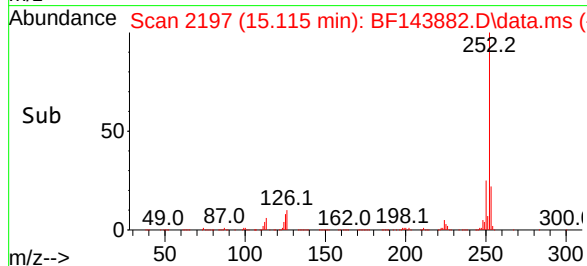
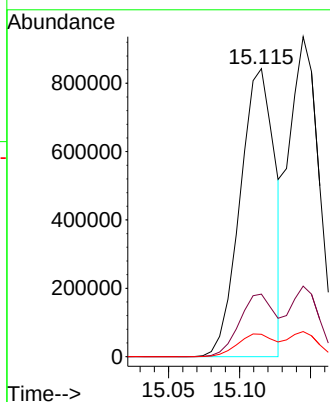
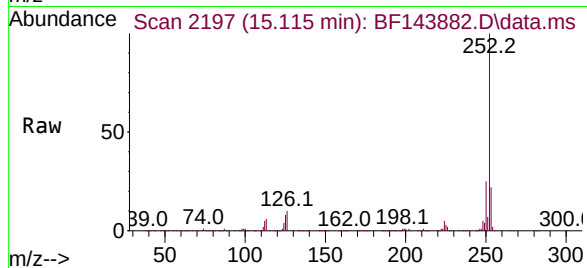
Tgt Ion:252 Resp: 1431875

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 7.8 7.8 11.6



#89

Benzo(k)fluoranthene

Concen: 71.595 ng

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

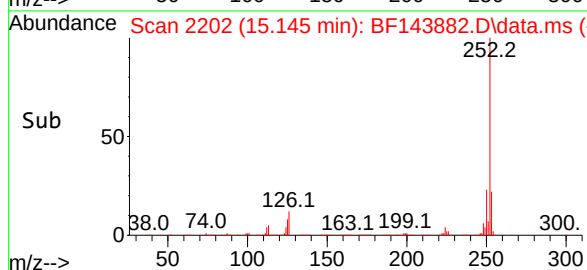
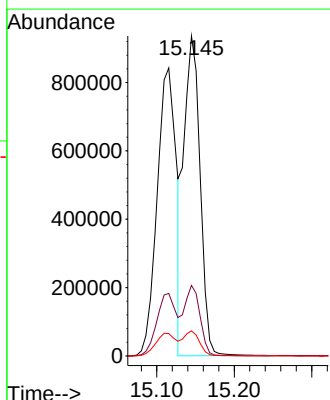
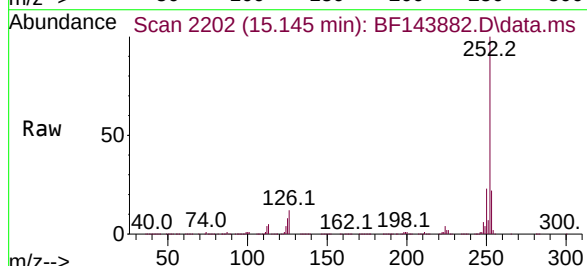
Tgt Ion:252 Resp: 1362026

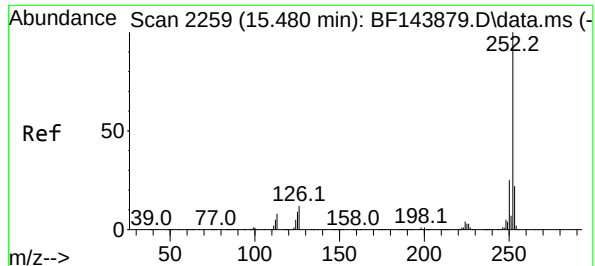
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 7.8 7.4 11.2





#90

Benzo(a)pyrene

Concen: 74.151 ng

RT: 15.486 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

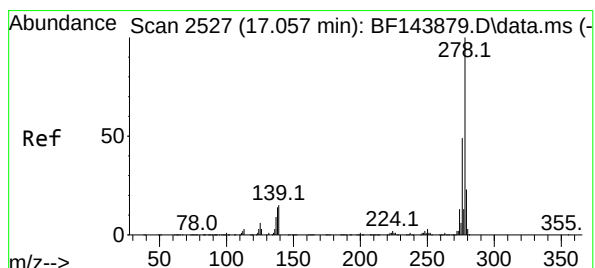
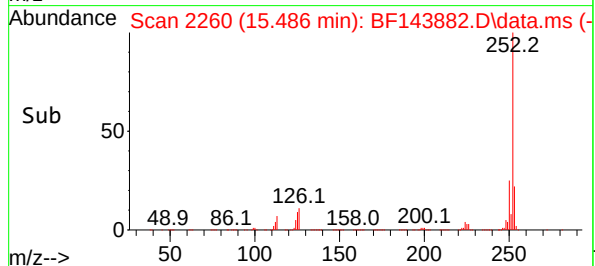
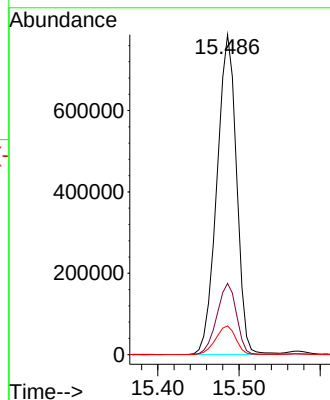
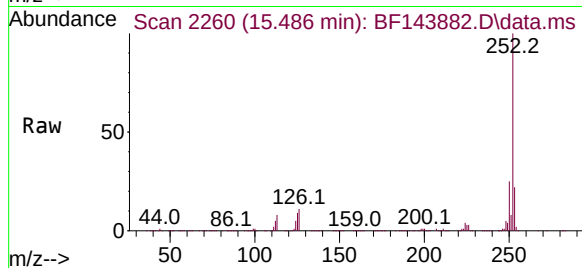
Tgt Ion:252 Resp: 1321893

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 9.0 7.0 10.4



#91

Dibenzo(a,h)anthracene

Concen: 78.895 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

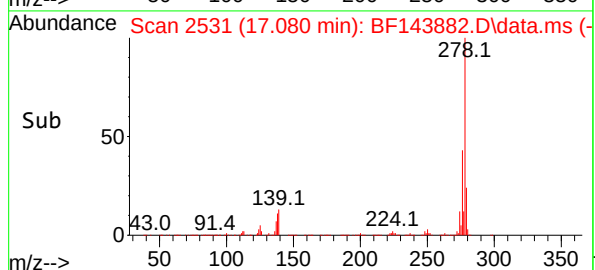
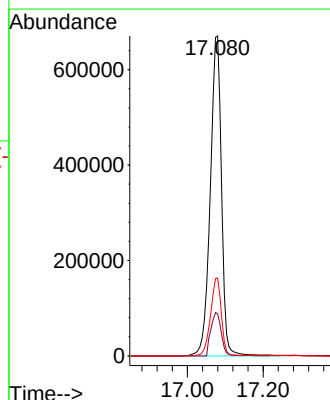
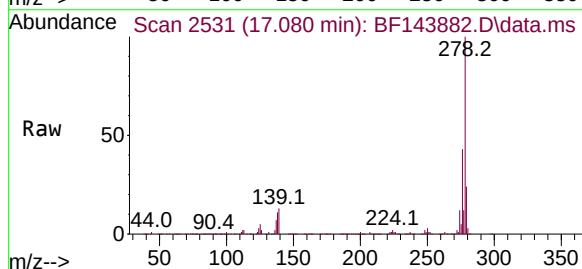
Tgt Ion:278 Resp: 1391562

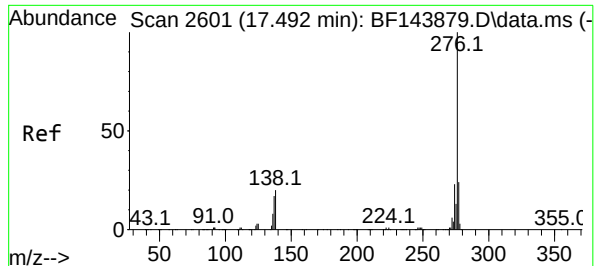
Ion Ratio Lower Upper

278 100

139 13.2 11.7 17.5

279 24.3 18.4 27.6





#92

Benzo(g,h,i)perylene

Concen: 82.305 ng

RT: 17.515 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143882.D

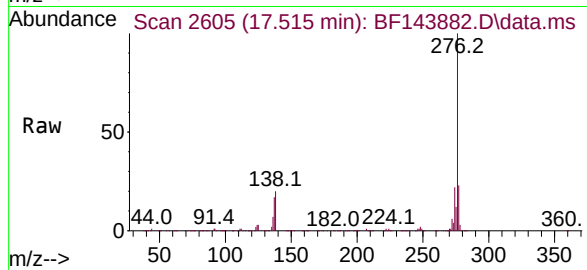
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



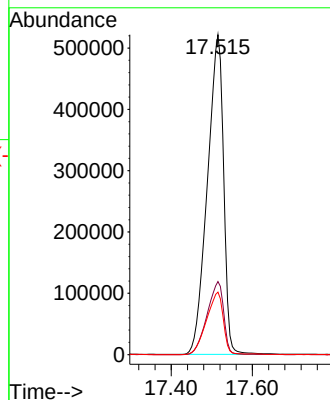
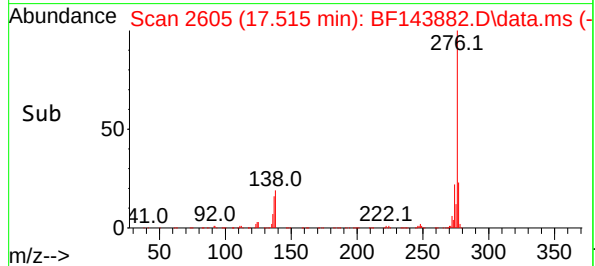
Tgt Ion:276 Resp: 1451721

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

138 19.5 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114039	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	448972	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	247780	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	431562	20.000	ng	0.00
76) Chrysene-d12	14.063	240	259802	20.000	ng	0.00
86) Perylene-d12	15.539	264	249446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	537941	74.908	ng	0.00
7) Phenol-d6	6.498	99	637597	74.487	ng	-0.02
23) Nitrobenzene-d5	7.445	82	549291	74.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	176914	71.685	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1055942	67.621	ng	-0.01
79) Terphenyl-d14	13.004	244	1131636	74.443	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	123809	37.256	ng	99
3) Pyridine	3.410	79	341125	35.261	ng	99
4) n-Nitrosodimethylamine	3.357	42	195710	38.456	ng	97
6) Aniline	6.545	93	486607	37.937	ng	99
8) 2-Chlorophenol	6.663	128	267562	38.116	ng	98
9) Benzaldehyde	6.434	77	245247	37.141	ng	99
10) Phenol	6.516	94	383770m	37.501	ng	
11) bis(2-Chloroethyl)ether	6.616	93	289024	36.561	ng	99
12) 1,3-Dichlorobenzene	6.822	146	317865	37.828	ng	100
13) 1,4-Dichlorobenzene	6.898	146	318221	38.392	ng	100
14) 1,2-Dichlorobenzene	7.051	146	314832	39.655	ng	99
15) Benzyl Alcohol	7.022	79	249958	38.974	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	676009	37.568	ng	99
17) 2-Methylphenol	7.128	107	222497	38.352	ng	96
18) Hexachloroethane	7.398	117	104363	37.755	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	214516	36.612	ng	98
20) 3+4-Methylphenols	7.281	107	268144	39.880	ng	94
22) Acetophenone	7.292	105	358014	37.713	ng	96
24) Nitrobenzene	7.463	77	309611	37.727	ng	100
25) Isophorone	7.704	82	550779	35.347	ng	99
26) 2-Nitrophenol	7.781	139	136223	38.717	ng	99
27) 2,4-Dimethylphenol	7.810	122	258524	40.847	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	360632	36.639	ng	98
29) 2,4-Dichlorophenol	8.016	162	243265	36.899	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	243161	37.503	ng	98
31) Naphthalene	8.186	128	749110	36.679	ng	99
32) Benzoic acid	7.904	122	154019	35.162	ng	98
33) 4-Chloroaniline	8.233	127	321328	41.950	ng	98
34) Hexachlorobutadiene	8.304	225	158600	35.201	ng	95
35) Caprolactam	8.598	113	79102	37.736	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	228481	36.079	ng	99
37) 2-Methylnaphthalene	8.881	142	452442	33.257	ng	99
38) 1-Methylnaphthalene	8.980	142	465414	35.269	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	254223	37.122	ng	98
41) Hexachlorocyclopentadiene	9.033	237	139168	48.984	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	183769	36.726	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

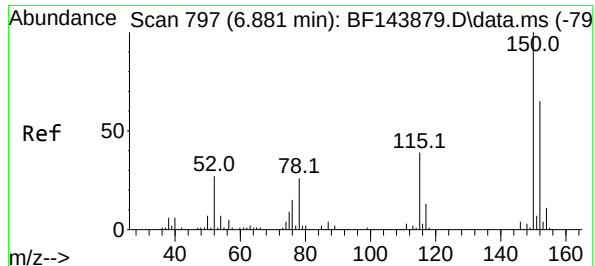
Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186099	35.194	ng	96
46) 1,1'-Biphenyl	9.345	154	603213	36.770	ng	98
47) 2-Chloronaphthalene	9.369	162	498615	36.454	ng	97
48) 2-Nitroaniline	9.463	65	168191	38.894	ng	99
49) Acenaphthylene	9.786	152	785697	40.859	ng	99
50) Dimethylphthalate	9.645	163	565953	35.968	ng	99
51) 2,6-Dinitrotoluene	9.704	165	122449	41.967	ng	99
52) Acenaphthene	9.957	154	452513	35.913	ng	99
53) 3-Nitroaniline	9.875	138	144668	40.493	ng	95
54) 2,4-Dinitrophenol	9.975	184	52796	33.731	ng	# 42
55) Dibenzofuran	10.127	168	653073	36.717	ng	99
56) 4-Nitrophenol	10.022	139	99684	36.850	ng	96
57) 2,4-Dinitrotoluene	10.104	165	163440	41.169	ng	99
58) Fluorene	10.475	166	476811	35.527	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	144064	38.488	ng	93
60) Diethylphthalate	10.345	149	533574	36.501	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	256247	36.113	ng	96
62) 4-Nitroaniline	10.486	138	127369	37.074	ng	99
63) Azobenzene	10.627	77	562787	36.837	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	80422	37.083	ng	96
66) n-Nitrosodiphenylamine	10.580	169	496618	36.649	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	162033	33.973	ng	95
68) Hexachlorobenzene	11.022	284	190028	34.415	ng	99
69) Atrazine	11.110	200	160244	39.016	ng	98
70) Pentachlorophenol	11.216	266	104958	33.097	ng	99
71) Phenanthrene	11.439	178	743609	35.542	ng	99
72) Anthracene	11.492	178	766674	36.273	ng	99
73) Carbazole	11.645	167	678522	36.246	ng	99
74) Di-n-butylphthalate	11.974	149	806451	37.171	ng	99
75) Fluoranthene	12.627	202	778418	36.019	ng	99
77) Benzidine	12.751	184	409653	45.411	ng	98
78) Pyrene	12.863	202	789075	36.431	ng	99
80) Butylbenzylphthalate	13.480	149	274237	38.986	ng	98
81) Benzo(a)anthracene	14.051	228	614473	36.142	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	221480	42.747	ng	99
83) Chrysene	14.086	228	594668	37.792	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	326966	38.560	ng	99
85) Di-n-octyl phthalate	14.657	149	502989	36.116	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	563492	36.867	ng	98
88) Benzo(b)fluoranthene	15.104	252	537814	37.533	ng	99
89) Benzo(k)fluoranthene	15.133	252	467396	35.252	ng	100
90) Benzo(a)pyrene	15.474	252	470896	37.900	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	454776	36.995	ng	97
92) Benzo(g,h,i)perylene	17.486	276	456833	37.162	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

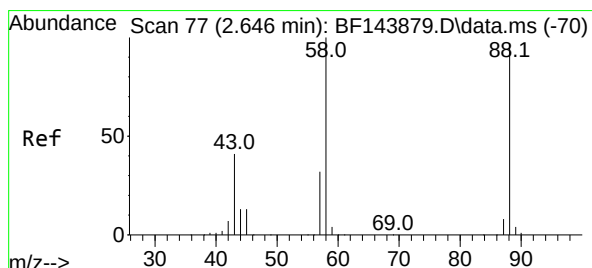
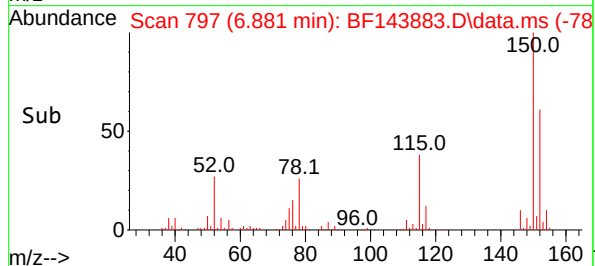
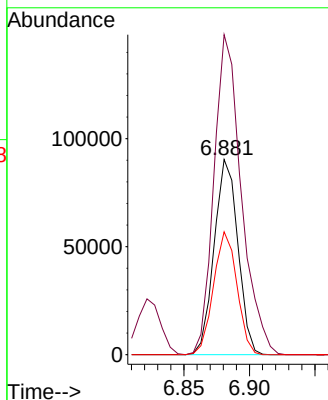
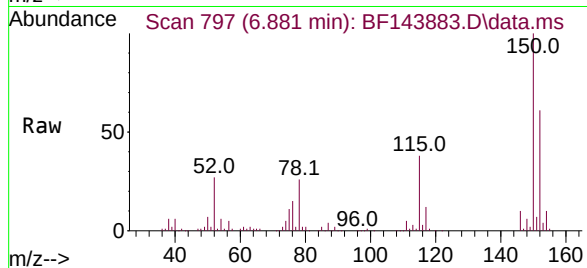
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

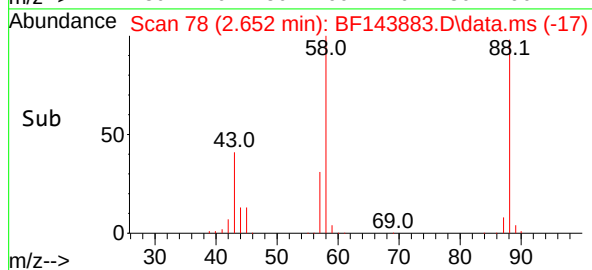
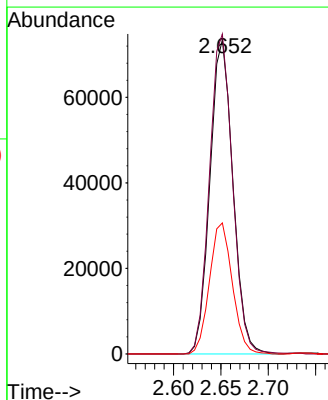
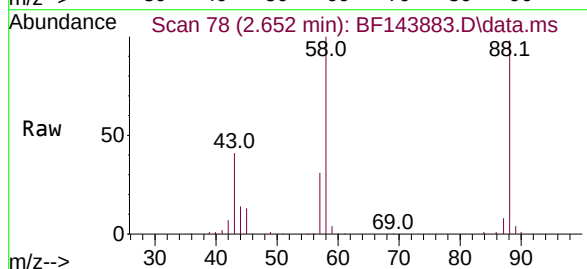
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

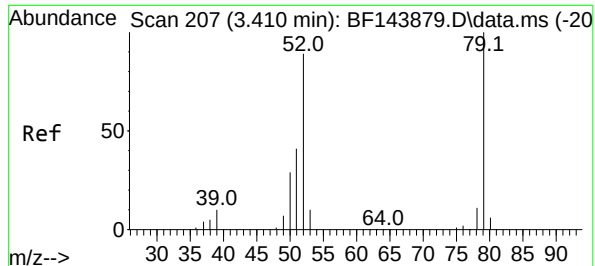
Tgt Ion:152 Resp: 114039
Ion Ratio Lower Upper
152 100
150 164.0 124.4 186.6
115 62.9 48.1 72.1



#2
1,4-Dioxane
Concen: 37.256 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 88 Resp: 123809
Ion Ratio Lower Upper
88 100
58 102.6 83.0 124.6
43 41.5 33.9 50.9





#3

Pyridine

Concen: 35.261 ng

RT: 3.410 min Scan# 207

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

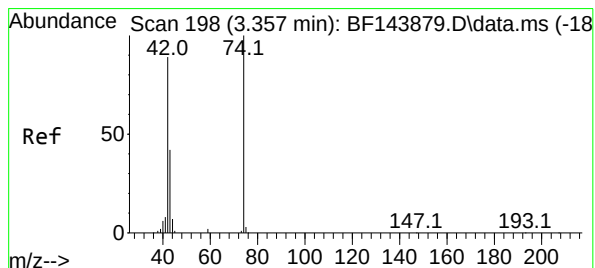
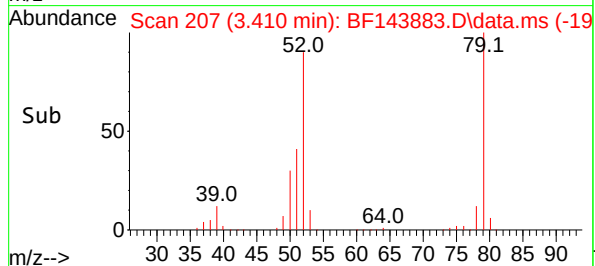
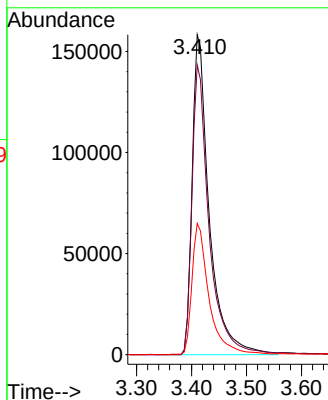
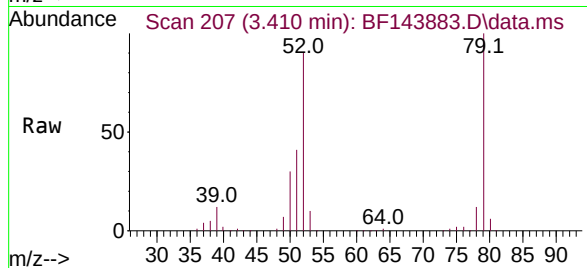
Tgt Ion: 79 Resp: 341125

Ion Ratio Lower Upper

79 100

52 90.5 71.5 107.3

51 41.0 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 38.456 ng

RT: 3.357 min Scan# 198

Delta R.T. -0.029 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

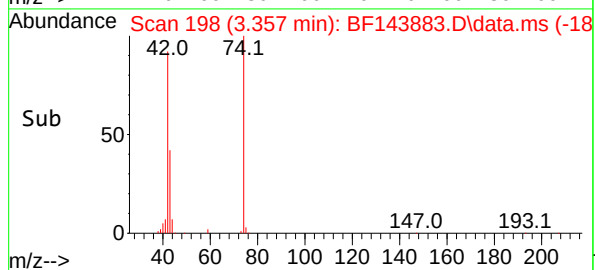
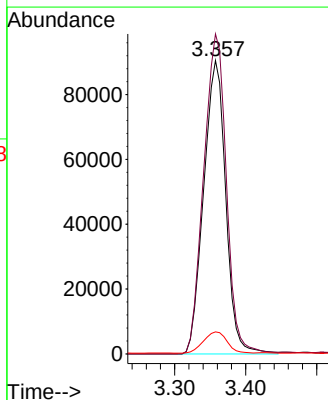
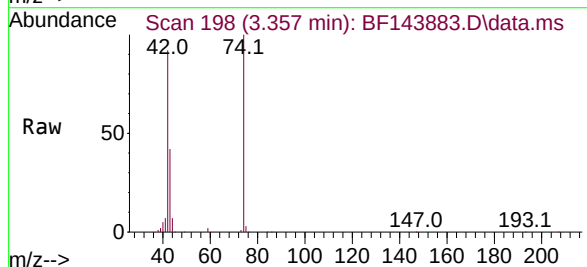
Tgt Ion: 42 Resp: 195710

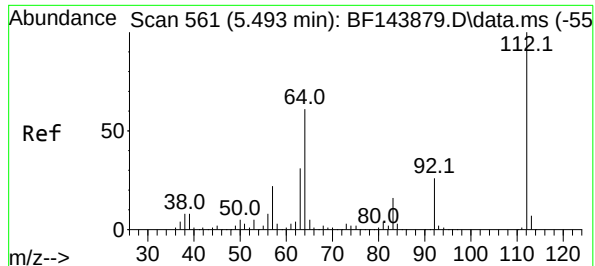
Ion Ratio Lower Upper

42 100

74 109.1 90.0 135.0

44 7.5 6.2 9.2

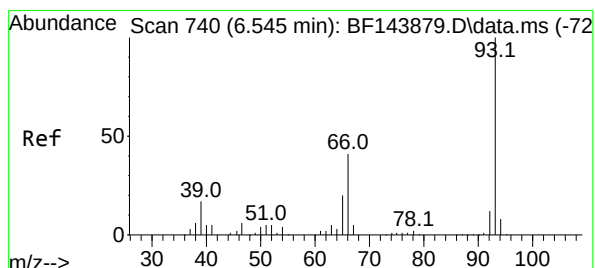
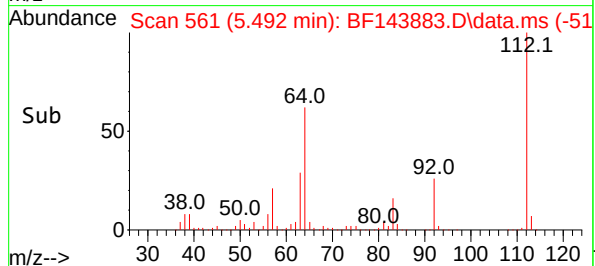
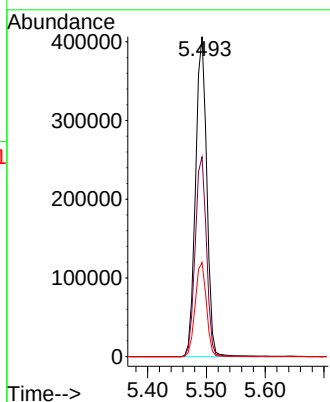
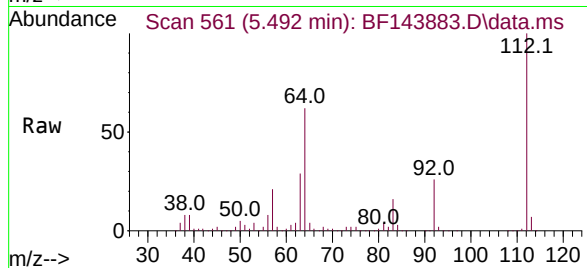




#5
2-Fluorophenol
Concen: 74.908 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

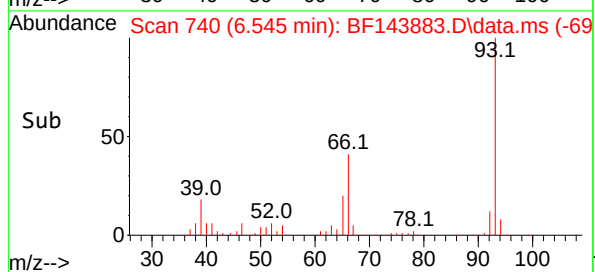
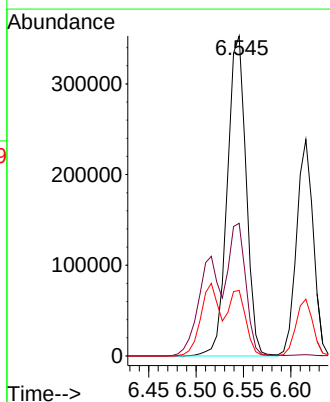
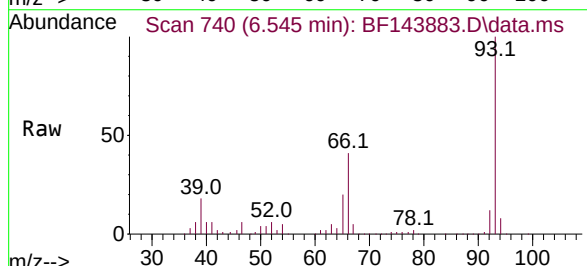
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

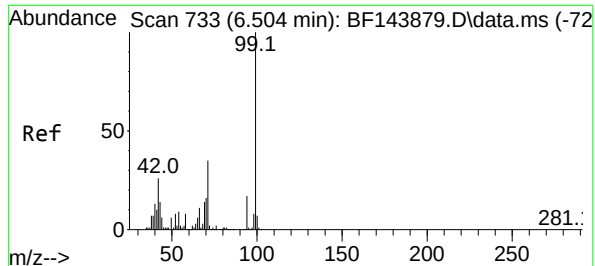
Tgt Ion:112 Resp: 537941
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 29.4 24.5 36.7



#6
Aniline
Concen: 37.937 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 486607
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.6
65 20.5 15.8 23.8





#7

Phenol-d6

Concen: 74.487 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

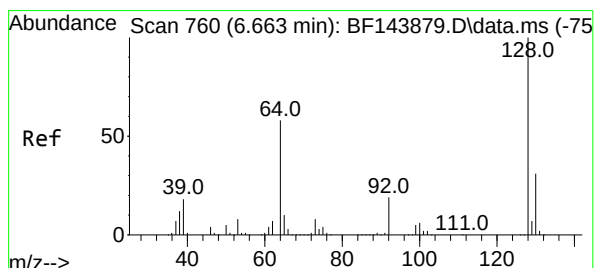
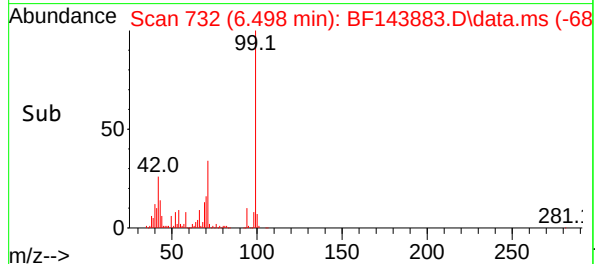
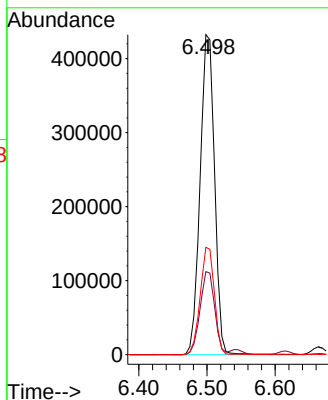
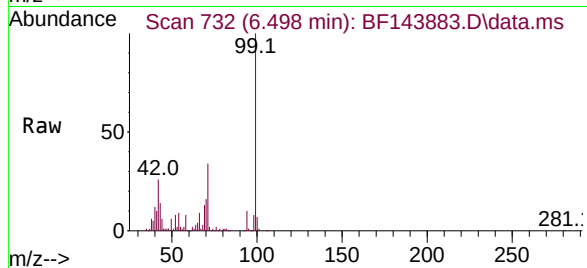
BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion: 99 Resp: 637597

Ion	Ratio	Lower	Upper
99	100		
42	25.9	21.0	31.4
71	33.5	27.8	41.8



#8

2-Chlorophenol

Concen: 38.116 ng

RT: 6.663 min Scan# 760

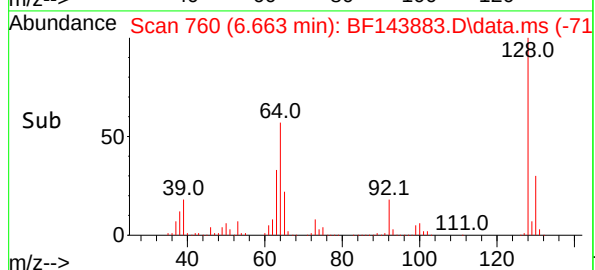
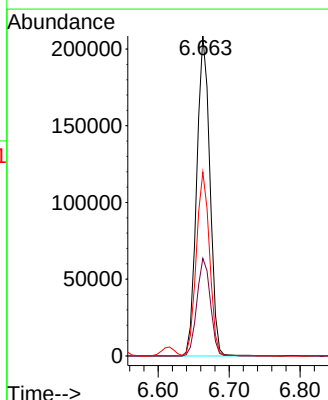
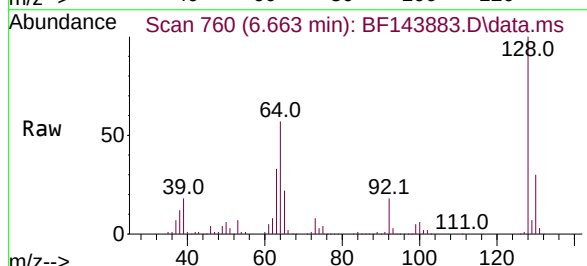
Delta R.T. -0.006 min

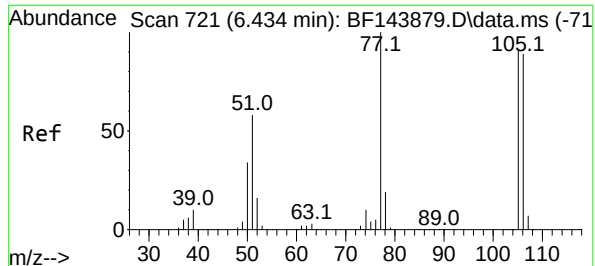
Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion: 128 Resp: 267562

Ion	Ratio	Lower	Upper
128	100		
130	30.5	10.7	50.7
64	57.4	39.0	79.0





#9

Benzaldehyde

Concen: 37.141 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

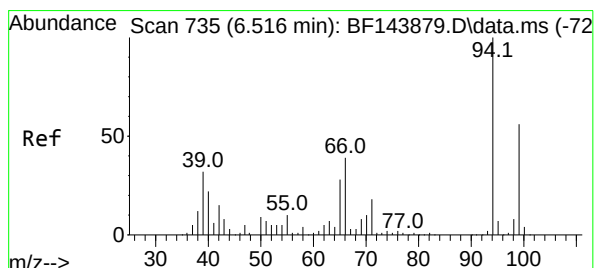
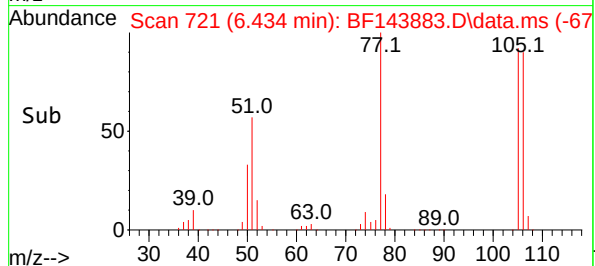
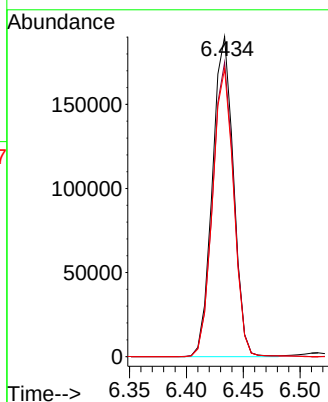
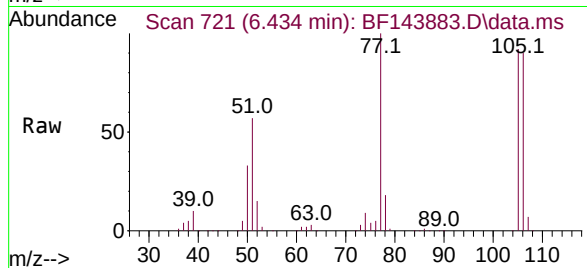
Tgt Ion: 77 Resp: 245247

Ion Ratio Lower Upper

77 100

105 92.0 70.9 110.9

106 90.0 68.9 108.9



#10

Phenol

Concen: 37.501 ng m

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

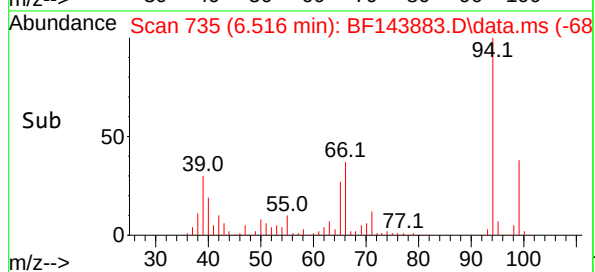
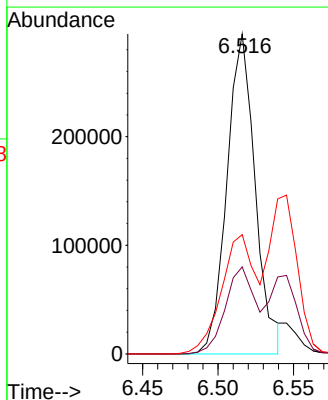
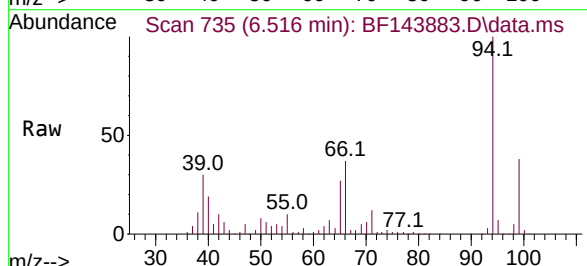
Tgt Ion: 94 Resp: 383770

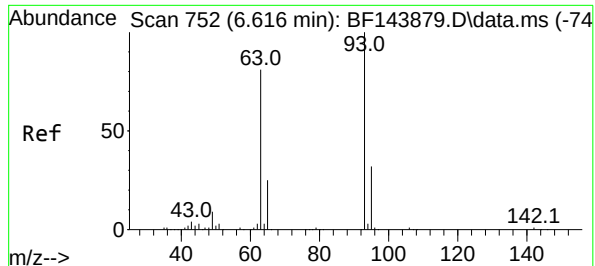
Ion Ratio Lower Upper

94 100

65 27.2 8.5 48.5

66 37.3 19.9 59.9

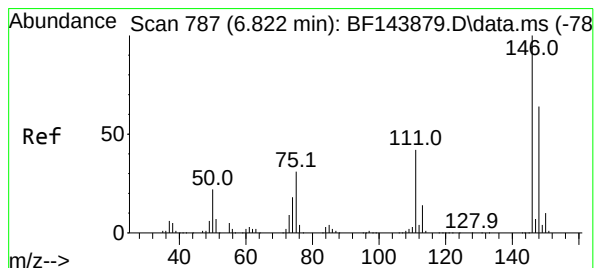
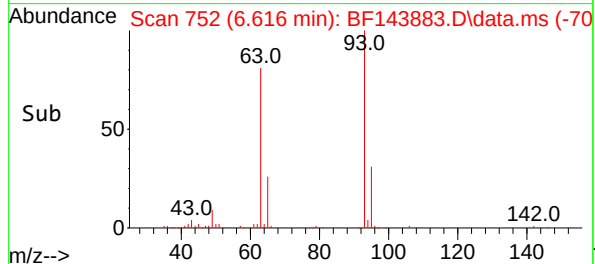
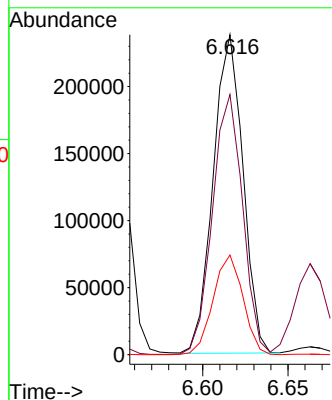
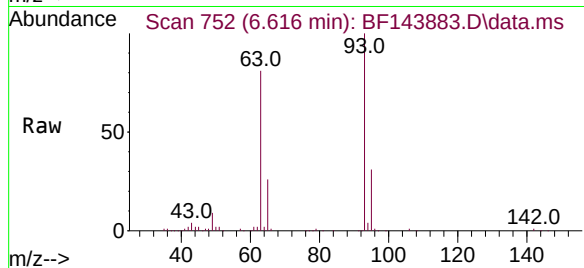




#11
bis(2-Chloroethyl)ether
Concen: 36.561 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

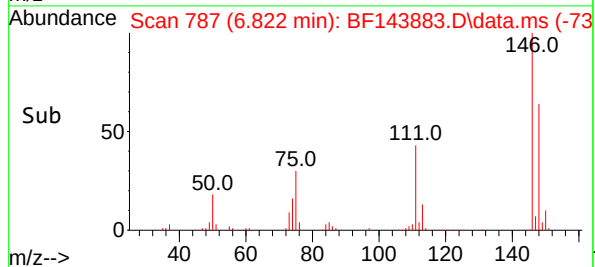
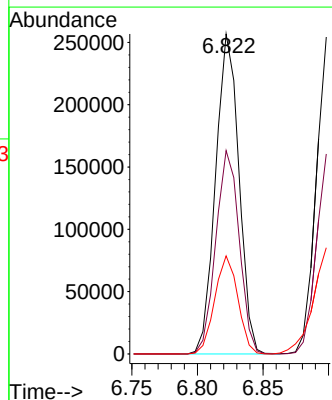
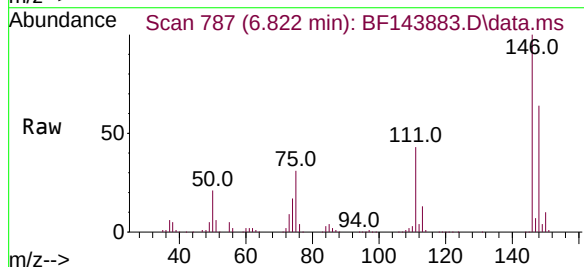
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

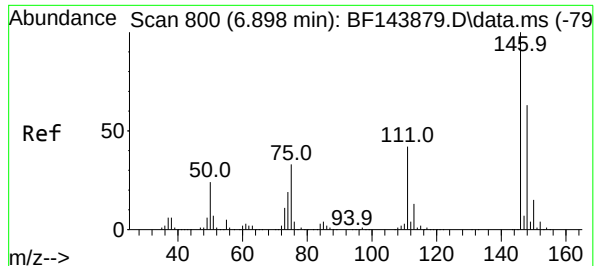
Tgt Ion: 93 Resp: 289024
Ion Ratio Lower Upper
93 100
63 81.3 60.9 100.9
95 31.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.828 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 146 Resp: 317865
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 38.392 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

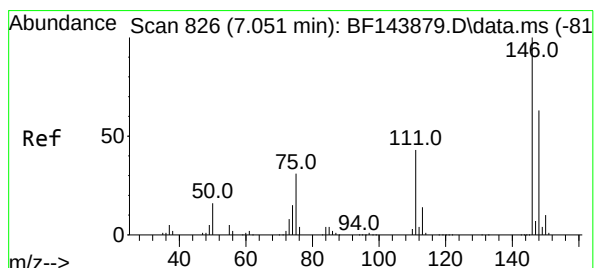
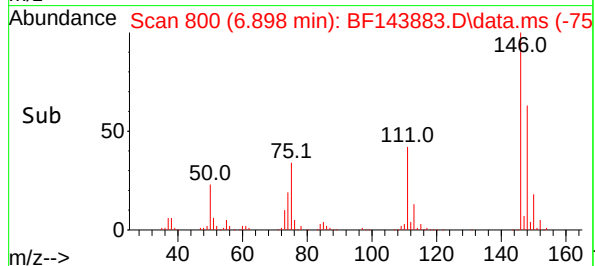
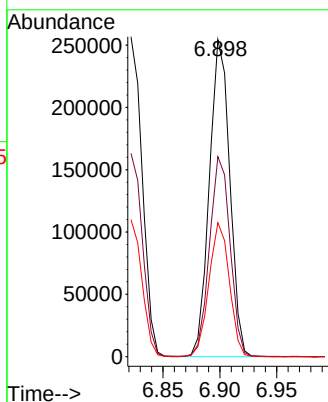
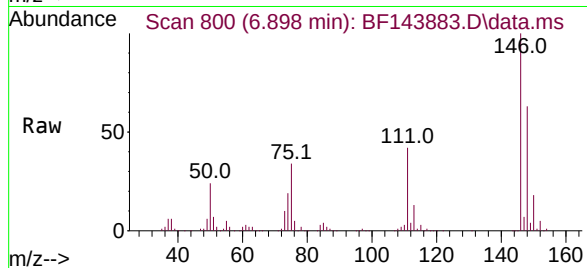
Tgt Ion:146 Resp: 318221

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 42.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 39.655 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

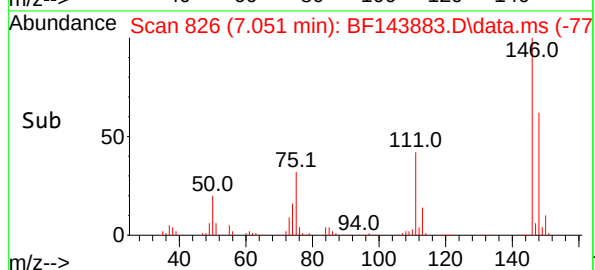
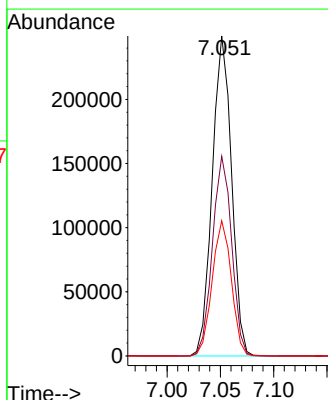
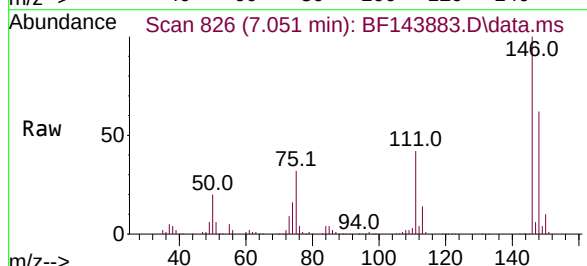
Tgt Ion:146 Resp: 314832

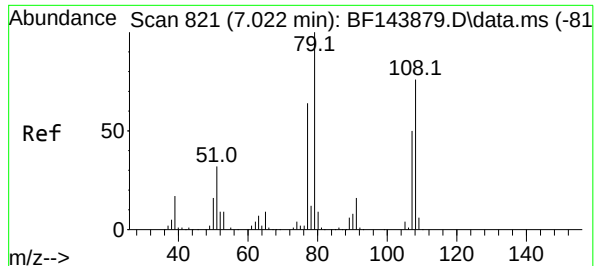
Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

111 42.2 34.6 51.8

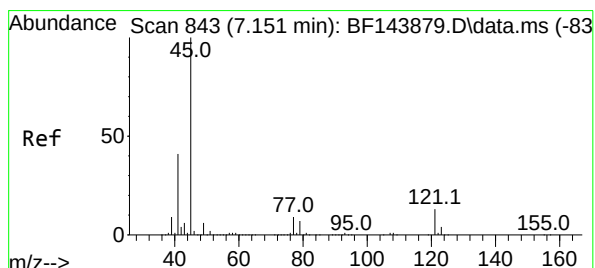
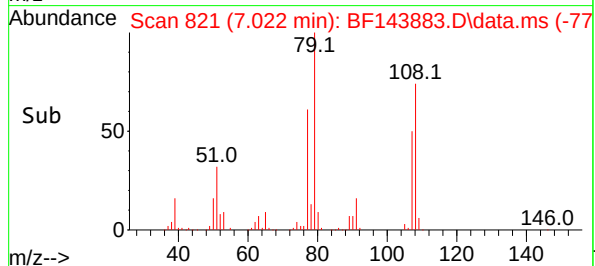
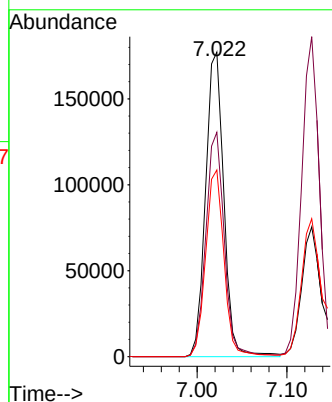
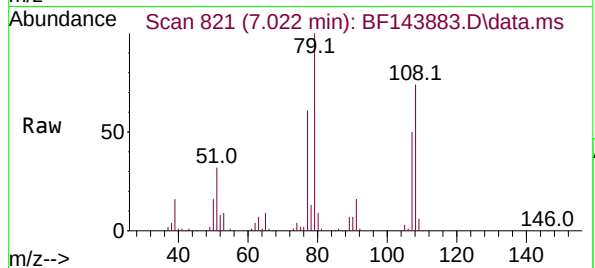




#15
Benzyl Alcohol
Concen: 38.974 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

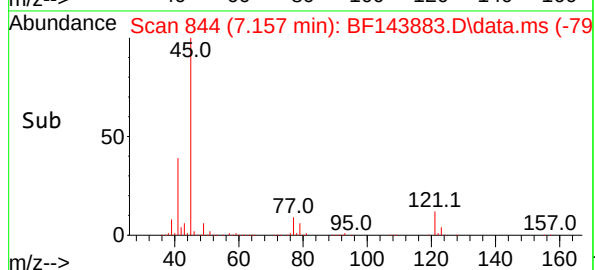
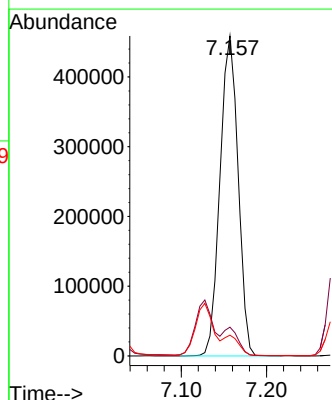
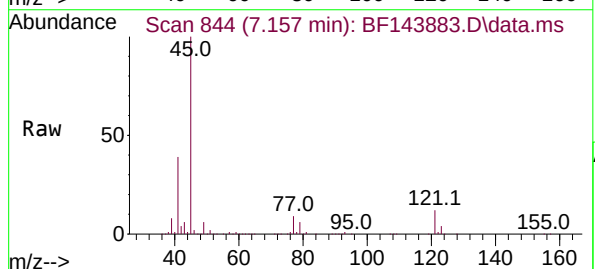
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

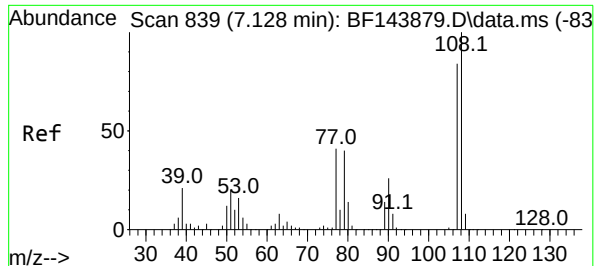
Tgt Ion: 79 Resp: 249958
Ion Ratio Lower Upper
79 100
108 73.6 60.8 91.2
77 61.3 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.568 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 45 Resp: 676009
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.5 0.0 26.8

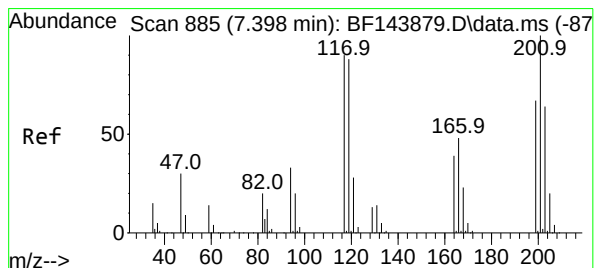
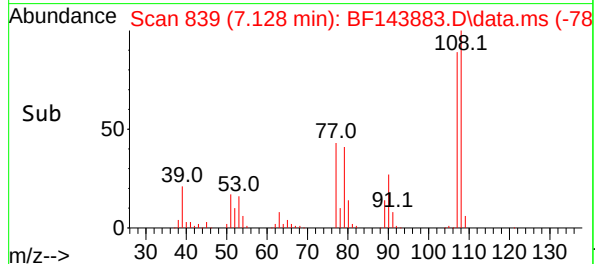
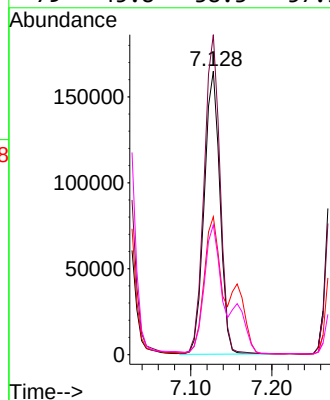
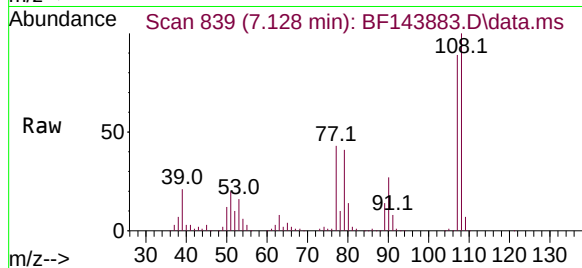




#17
2-Methylphenol
Concen: 38.352 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

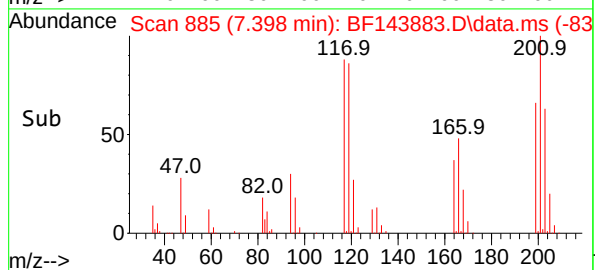
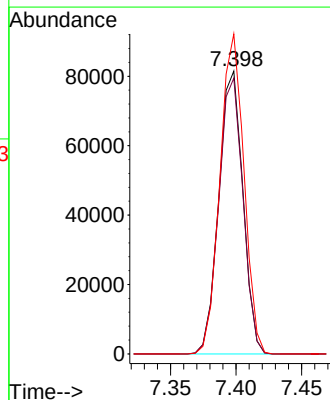
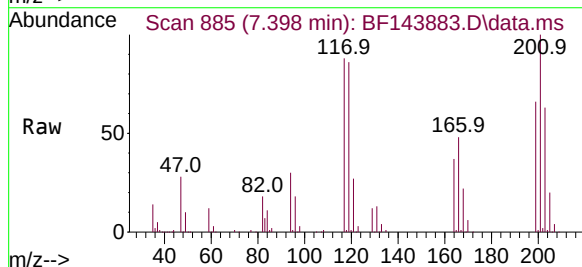
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

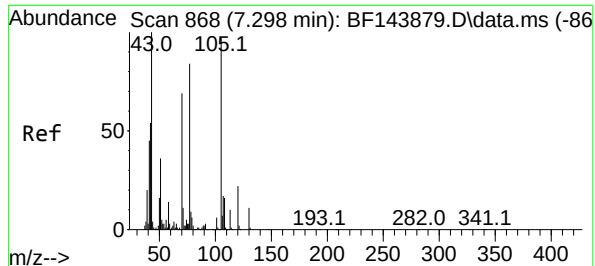
Tgt Ion:	107	Resp:	222497
Ion	Ratio	Lower	Upper
107	100		
108	112.9	94.7	142.1
77	48.7	38.8	58.2
79	45.8	38.3	57.5



#18
Hexachloroethane
Concen: 37.755 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:	117	Resp:	104363
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.8
201	113.1	88.5	132.7

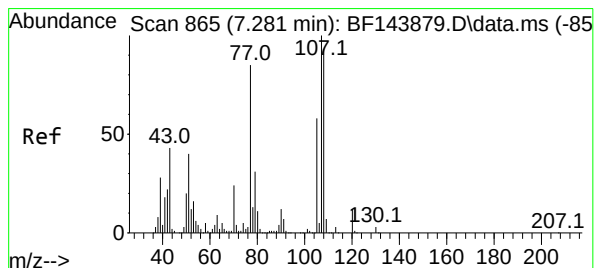
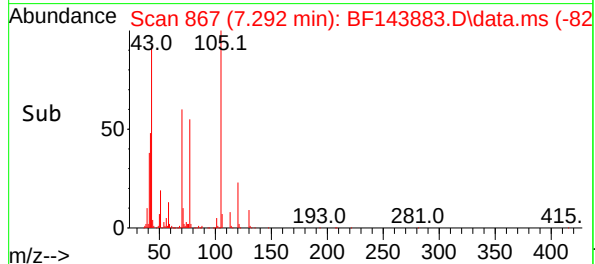
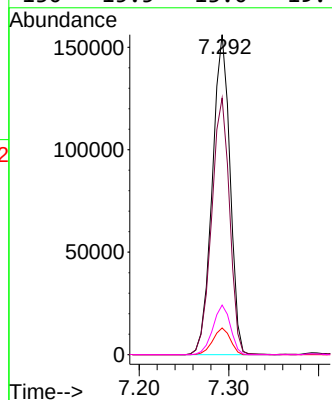
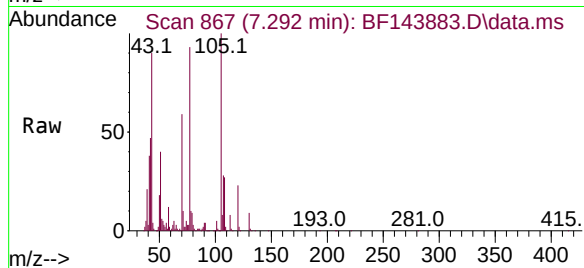




#19
n-Nitroso-di-n-propylamine
Concen: 36.612 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

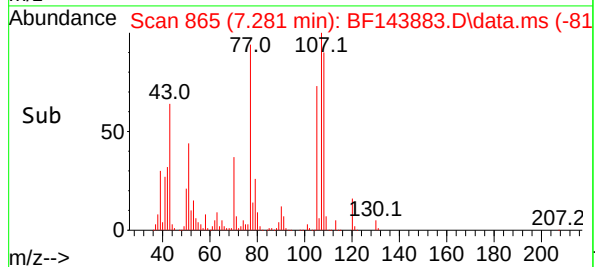
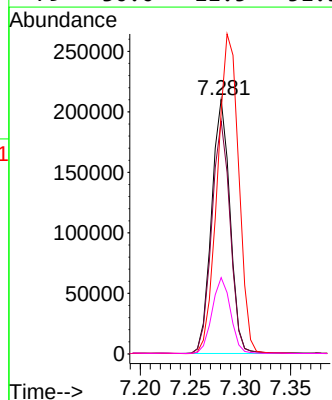
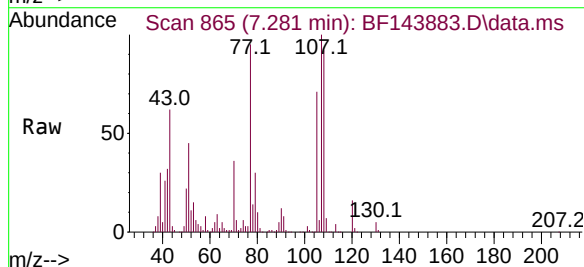
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

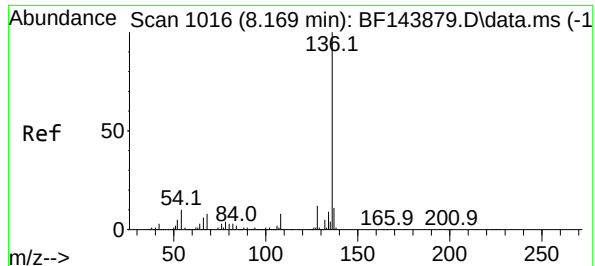
Tgt Ion: 70 Resp: 214516
Ion Ratio Lower Upper
70 100
42 80.2 62.8 94.2
101 8.3 6.7 10.1
130 15.5 13.0 19.4



#20
3+4-Methylphenols
Concen: 39.880 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 107 Resp: 268144
Ion Ratio Lower Upper
107 100
108 91.5 73.0 113.0
77 95.3 64.6 104.6
79 30.0 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:136 Resp: 448972

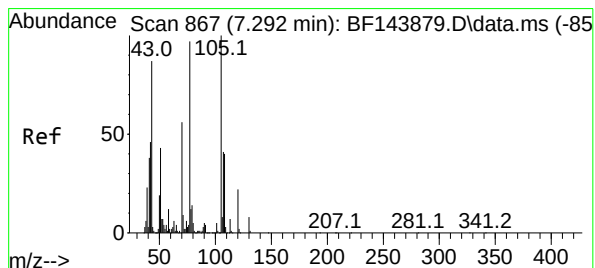
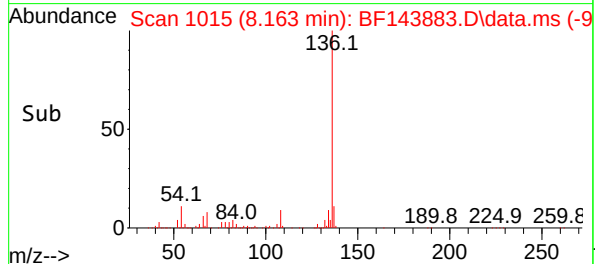
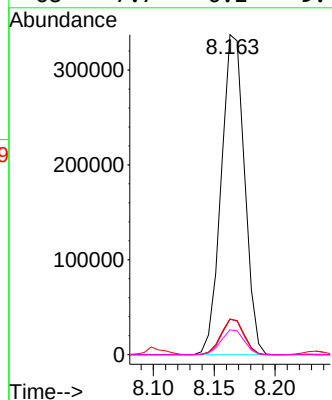
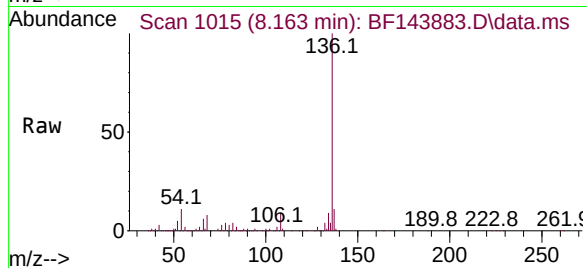
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.2 8.2 12.4

68 7.7 6.2 9.4



#22

Acetophenone

Concen: 37.713 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:105 Resp: 358014

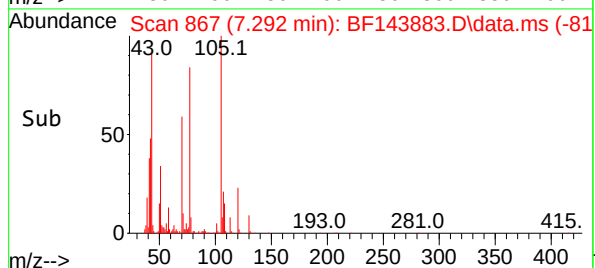
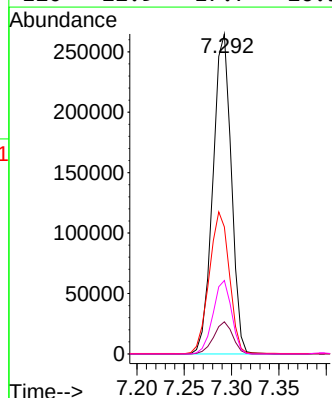
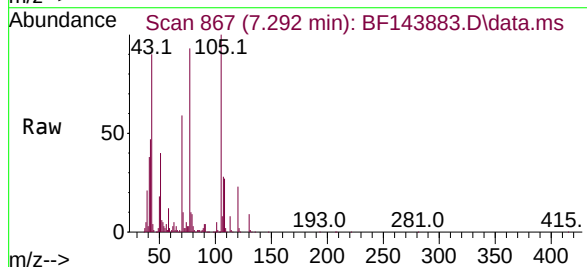
Ion Ratio Lower Upper

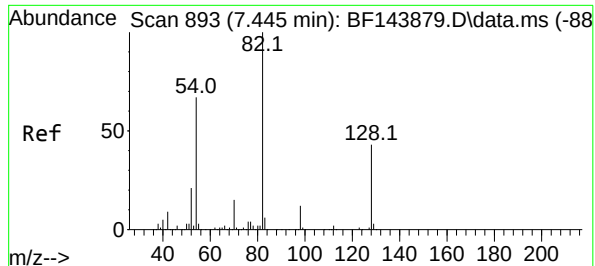
105 100

71 10.0 7.4 11.0

51 39.7 34.2 51.4

120 22.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 74.330 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

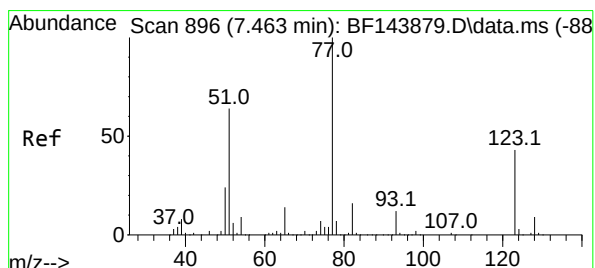
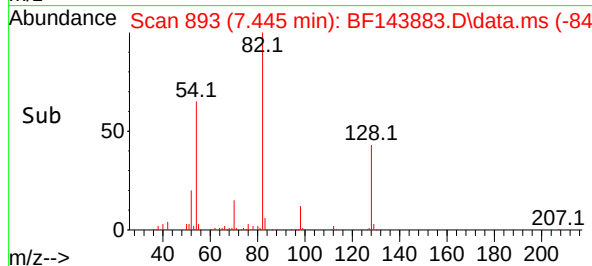
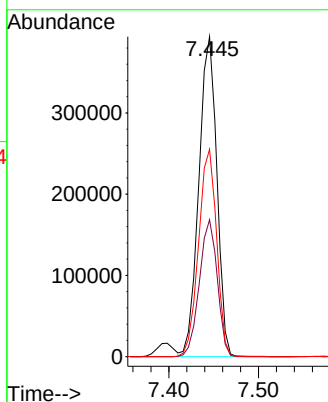
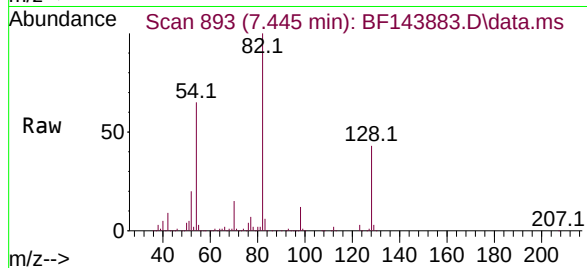
Tgt Ion: 82 Resp: 549291

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

54 64.8 53.2 79.8



#24

Nitrobenzene

Concen: 37.727 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

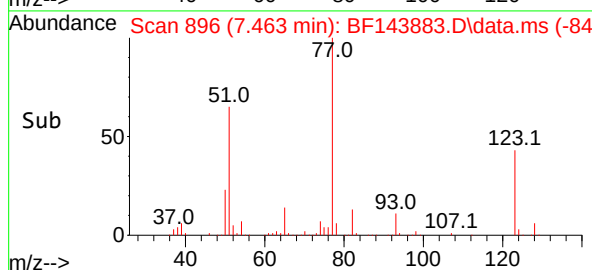
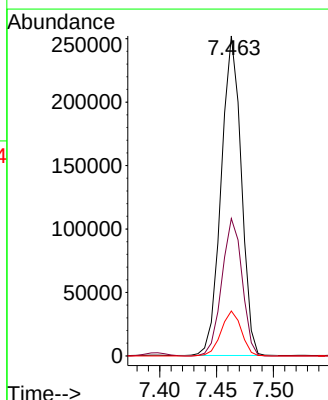
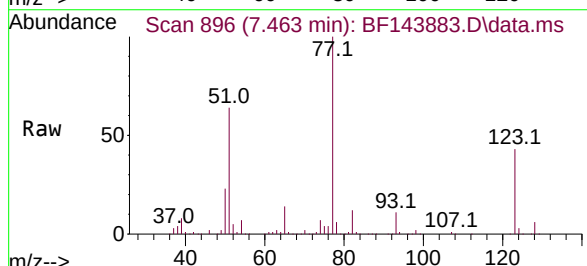
Tgt Ion: 77 Resp: 309611

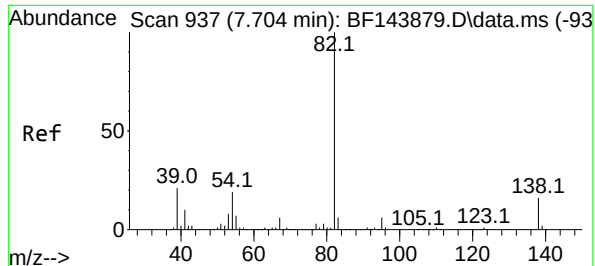
Ion Ratio Lower Upper

77 100

123 42.9 34.2 51.4

65 14.0 11.0 16.6

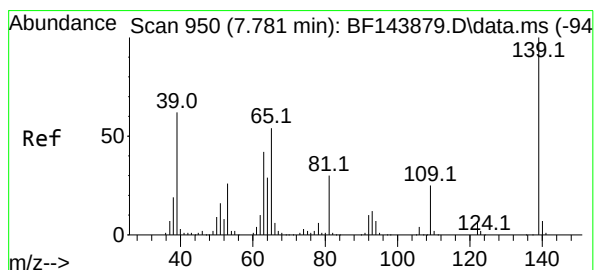
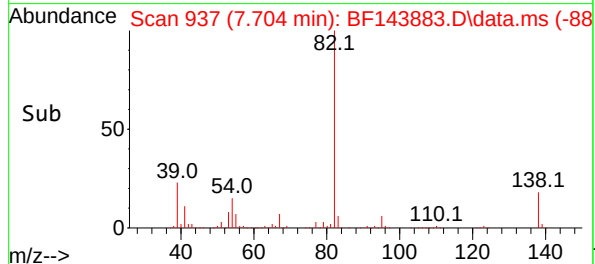
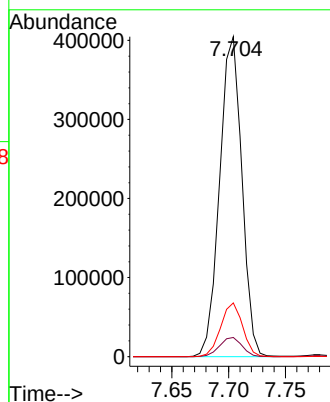
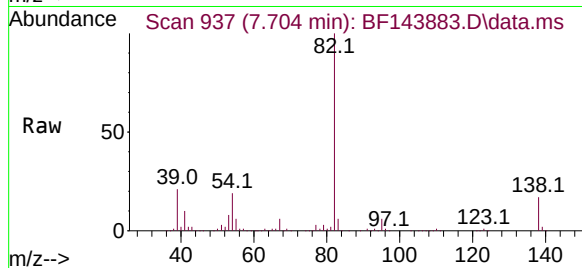




#25
Isophorone
Concen: 35.347 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

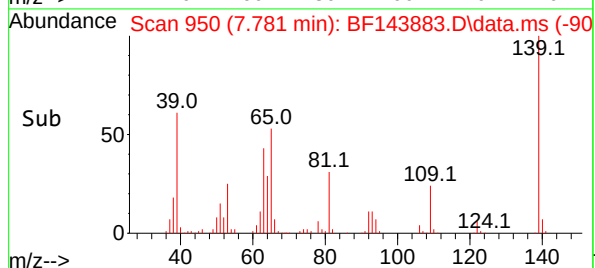
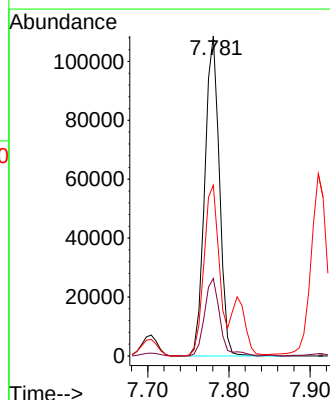
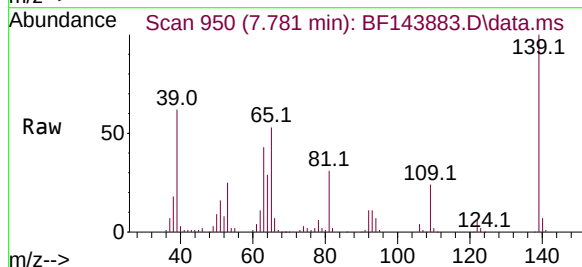
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

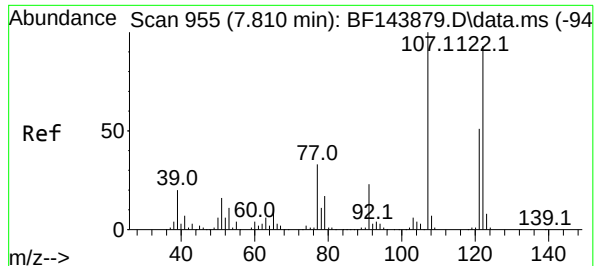
Tgt Ion: 82 Resp: 550779
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 16.8 12.9 19.3



#26
2-Nitrophenol
Concen: 38.717 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 139 Resp: 136223
Ion Ratio Lower Upper
139 100
109 24.2 19.8 29.6
65 53.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 40.847 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

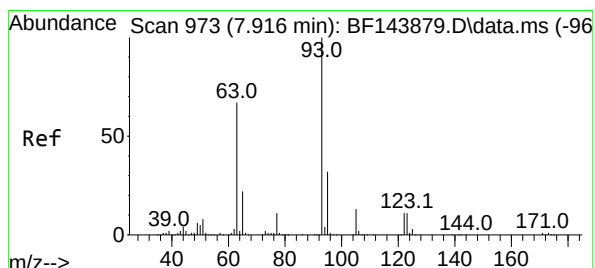
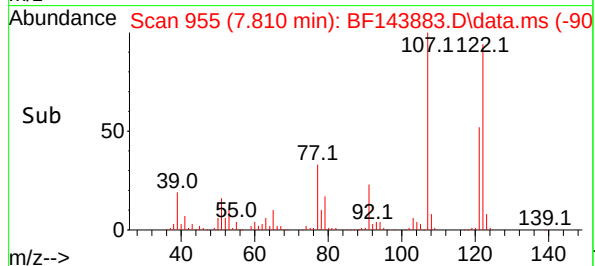
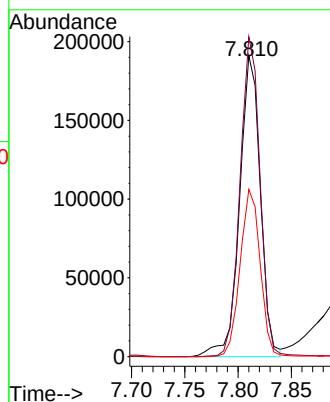
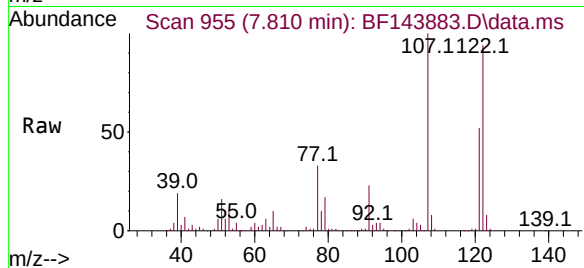
Tgt Ion:122 Resp: 258524

Ion Ratio Lower Upper

122 100

107 106.3 86.1 129.1

121 55.5 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 36.639 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

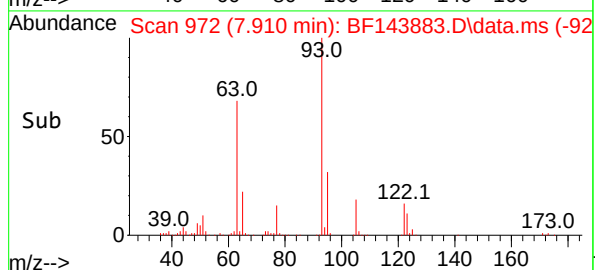
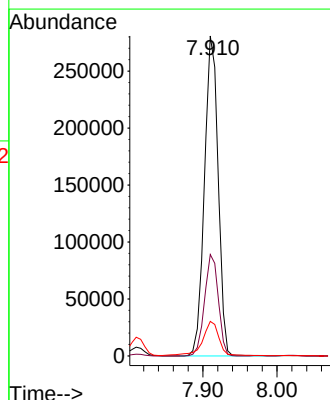
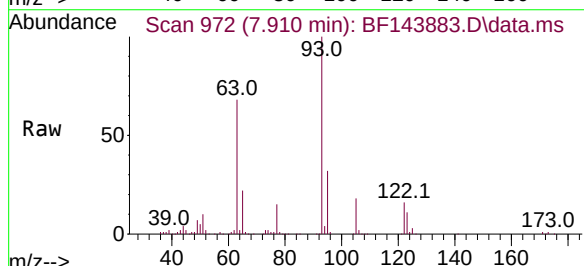
Tgt Ion: 93 Resp: 360632

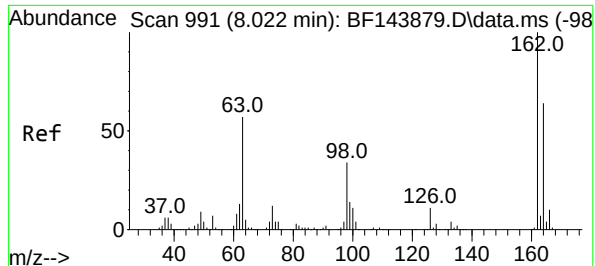
Ion Ratio Lower Upper

93 100

95 31.7 25.9 38.9

123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.899 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

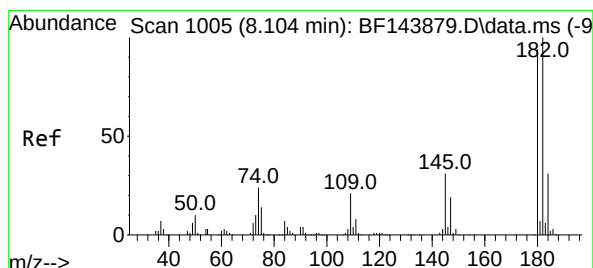
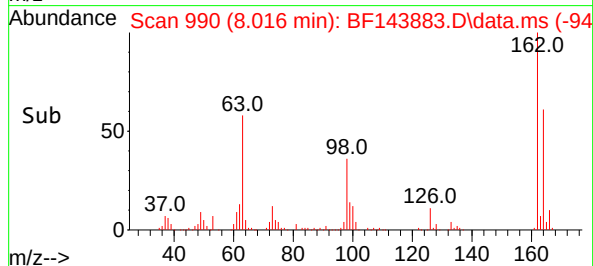
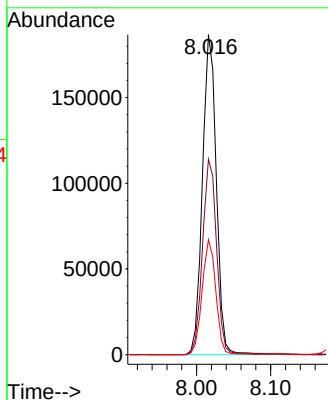
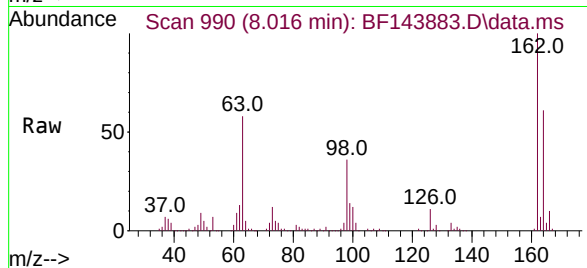
Tgt Ion:162 Resp: 243265

Ion Ratio Lower Upper

162 100

164 61.1 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 37.503 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

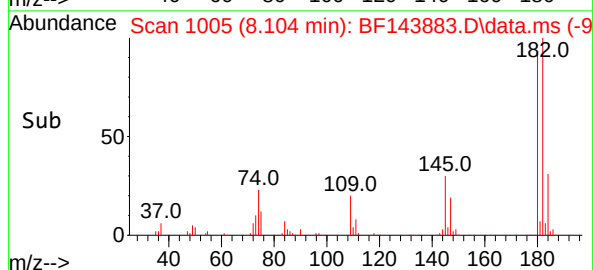
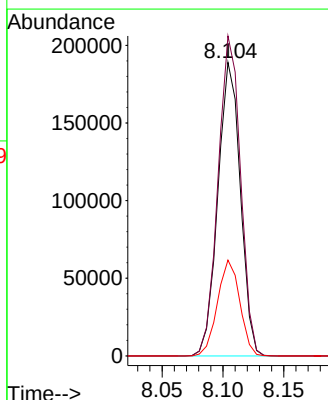
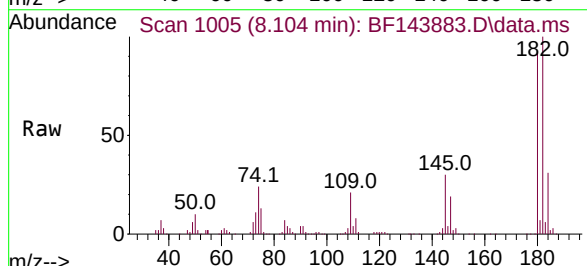
Tgt Ion:180 Resp: 243161

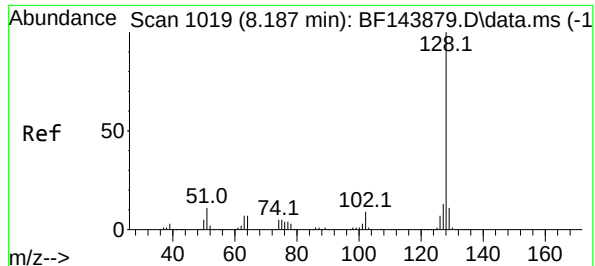
Ion Ratio Lower Upper

180 100

182 109.0 85.4 128.0

145 32.7 26.3 39.5





#31

Naphthalene

Concen: 36.679 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

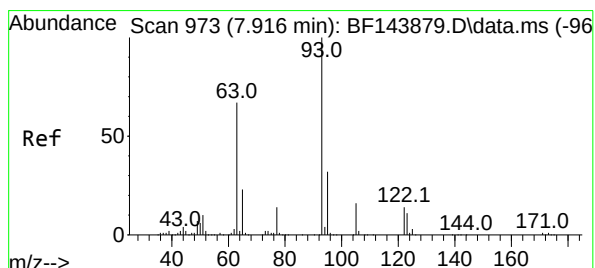
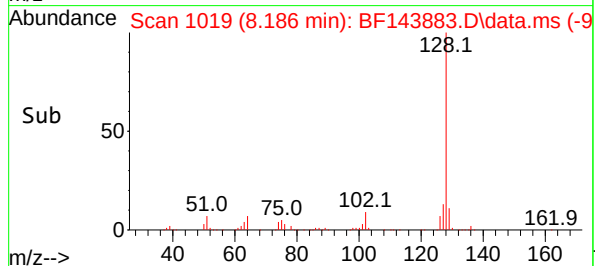
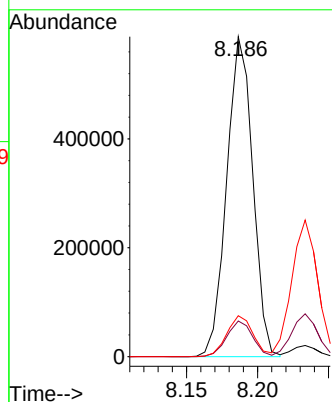
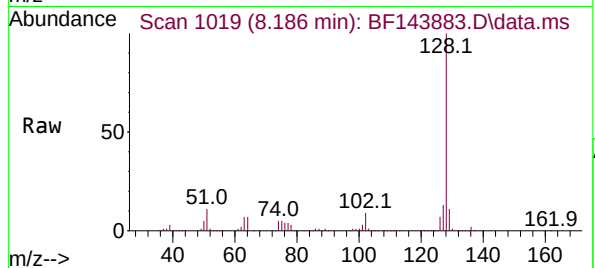
Tgt Ion:128 Resp: 749110

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 12.8 10.0 15.0



#32

Benzoic acid

Concen: 35.162 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.059 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

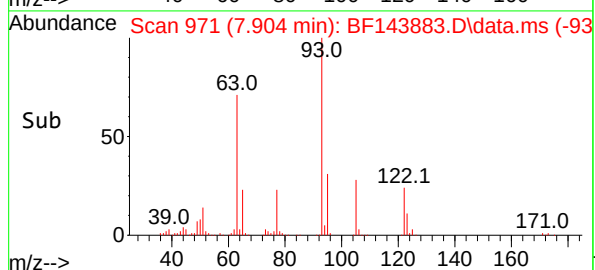
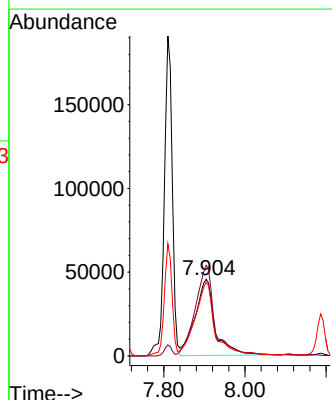
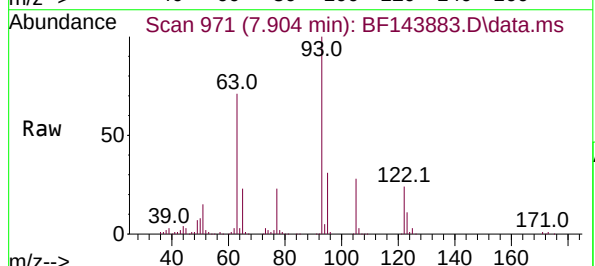
Tgt Ion:122 Resp: 154019

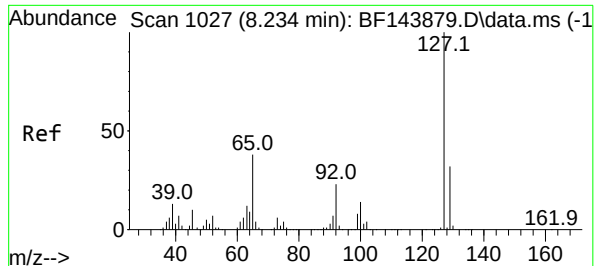
Ion Ratio Lower Upper

122 100

105 118.0 93.5 133.5

77 96.2 76.3 116.3

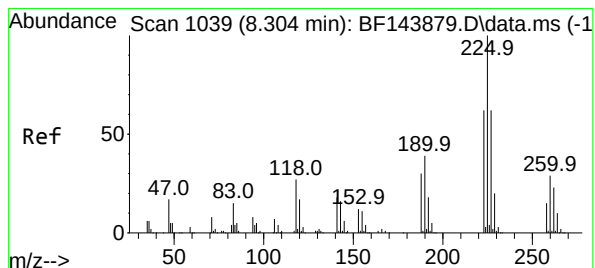
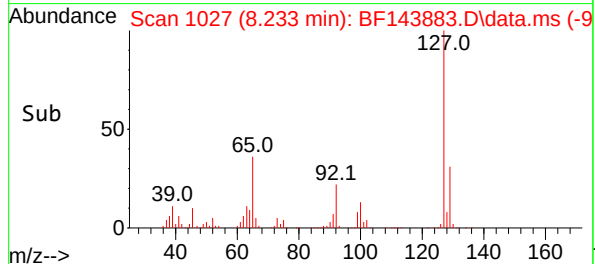
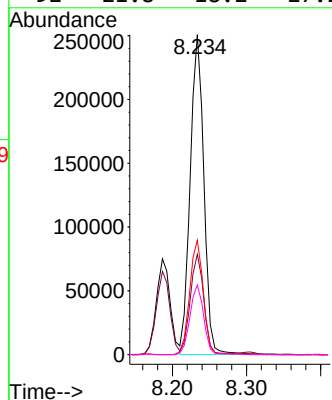
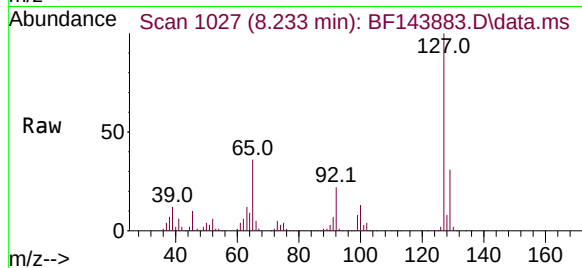




#33
4-Chloroaniline
Concen: 41.950 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

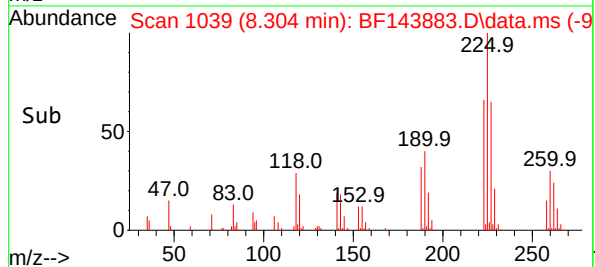
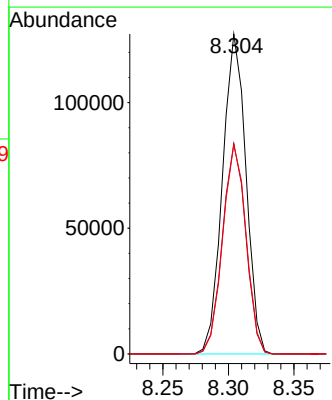
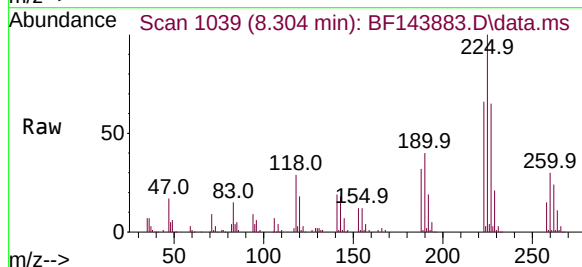
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

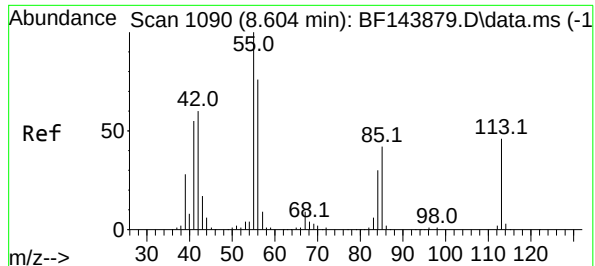
Tgt Ion:127	Resp: 321328
Ion Ratio	Lower Upper
127 100	
129 31.3	25.8 38.8
65 35.7	30.0 45.0
92 21.8	18.2 27.2



#34
Hexachlorobutadiene
Concen: 35.201 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:225	Resp: 158600
Ion Ratio	Lower Upper
225 100	
223 65.7	49.4 74.2
227 65.4	49.7 74.5

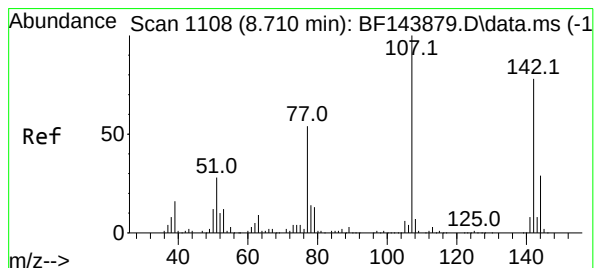
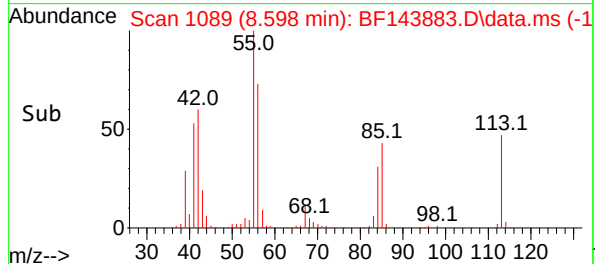
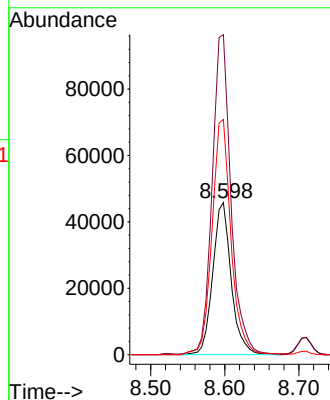
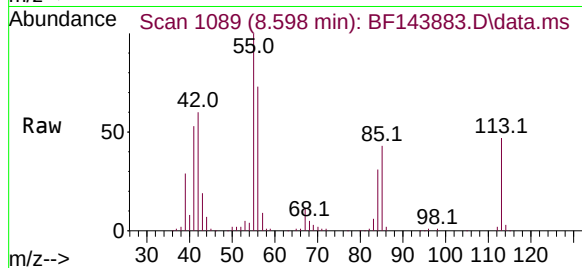




#35
Caprolactam
Concen: 37.736 ng
RT: 8.598 min Scan# 1090
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

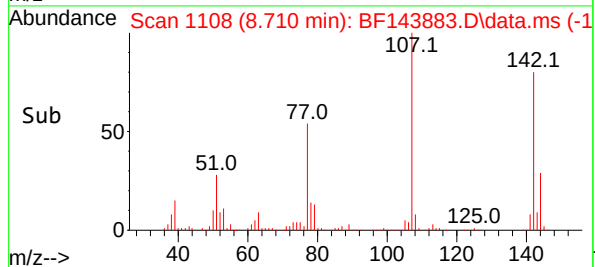
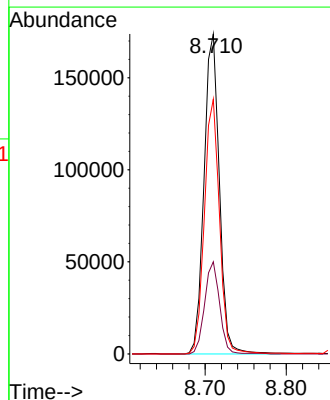
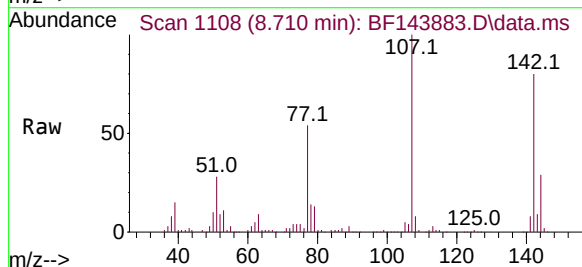
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

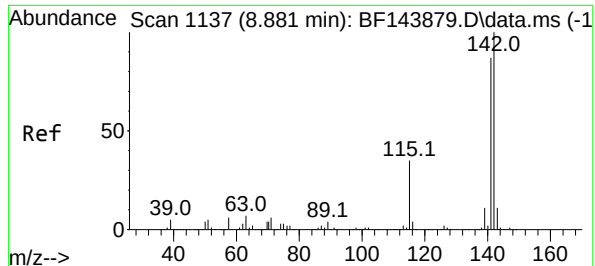
Tgt Ion	Ratio	Lower	Upper
113	100		
55	210.6	199.6	239.6
56	154.8	146.0	186.0



#36
4-Chloro-3-methylphenol
Concen: 36.079 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.8	23.1	34.7
142	79.6	62.6	94.0





#37

2-Methylnaphthalene

Concen: 33.257 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

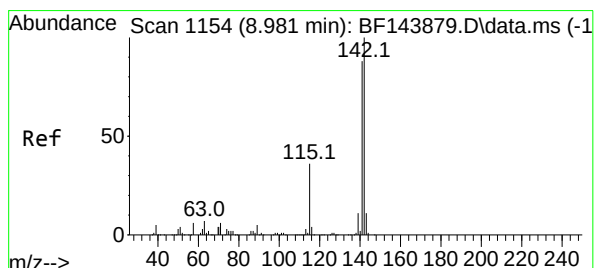
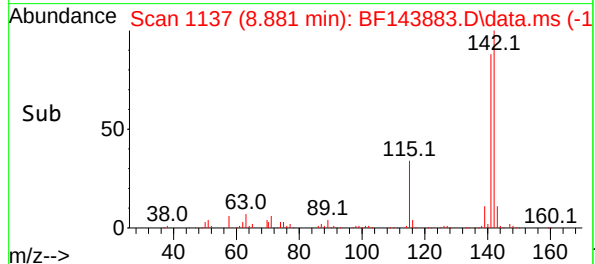
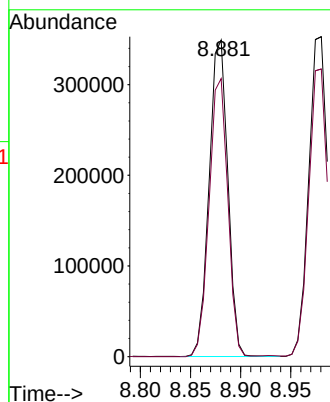
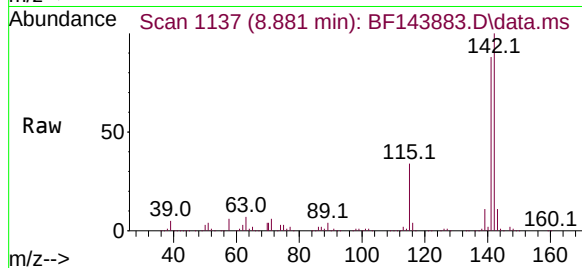
ICVBF100625

Tgt Ion:142 Resp: 452442

Ion Ratio Lower Upper

142 100

141 87.8 69.2 103.8



#38

1-Methylnaphthalene

Concen: 35.269 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF143883.D

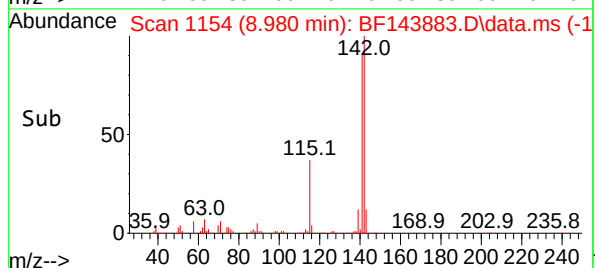
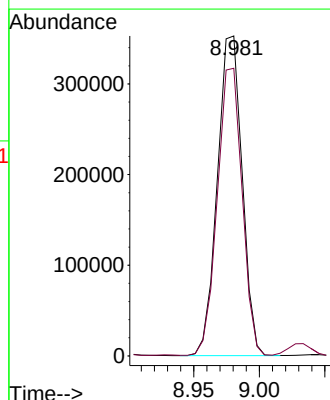
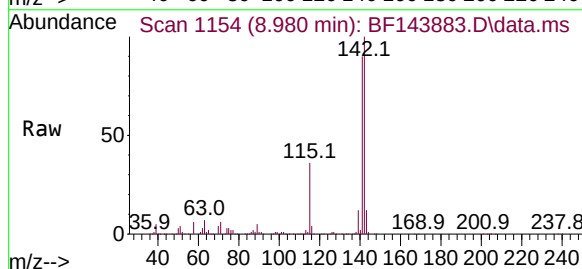
Acq: 06 Oct 2025 16:08

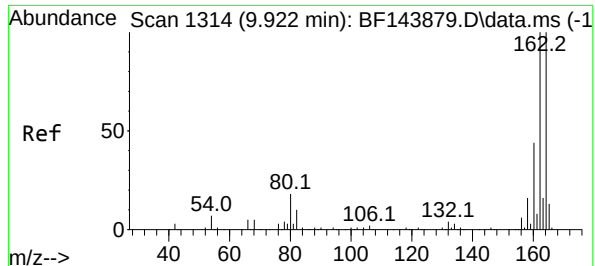
Tgt Ion:142 Resp: 465414

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

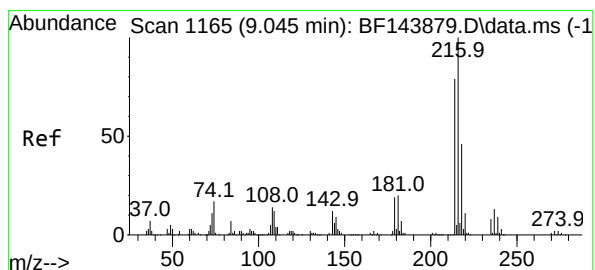
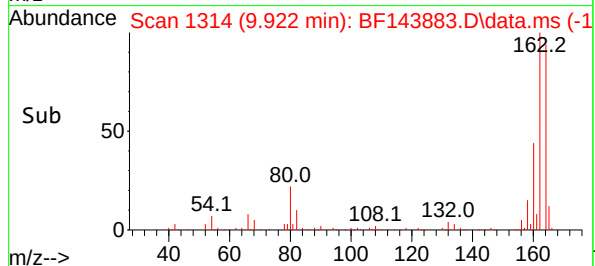
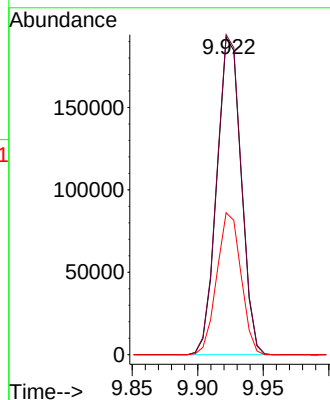
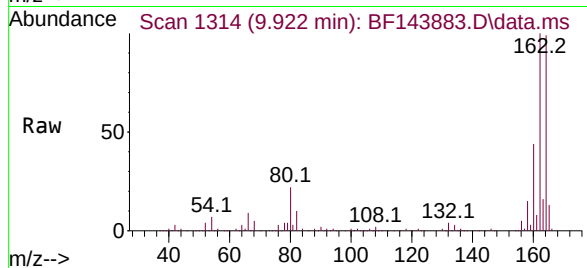
Tgt Ion:164 Resp: 247780

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

160 44.7 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.122 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:216 Resp: 254223

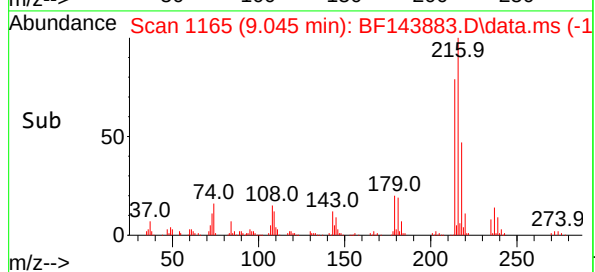
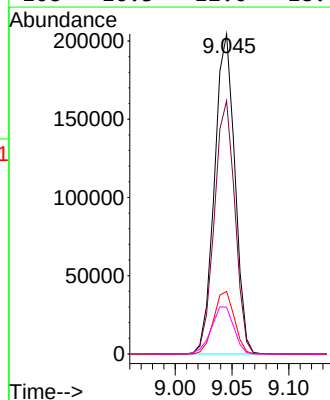
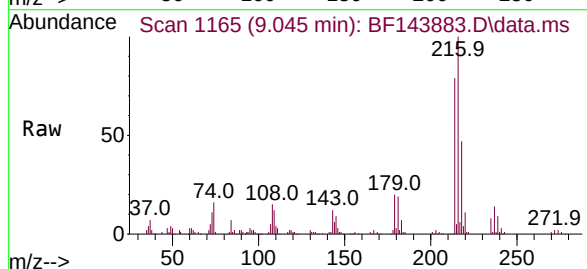
Ion Ratio Lower Upper

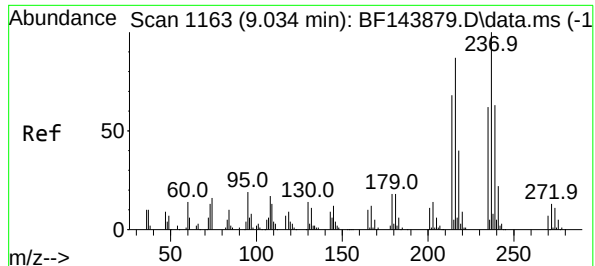
216 100

214 79.7 62.6 94.0

179 19.9 15.4 23.0

108 16.3 12.0 18.0

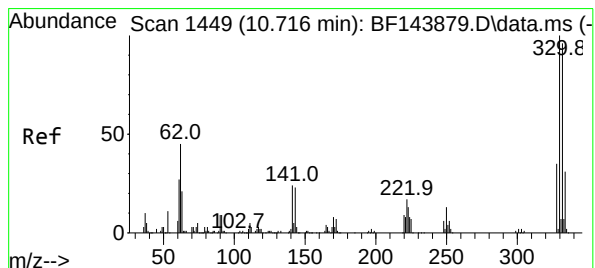
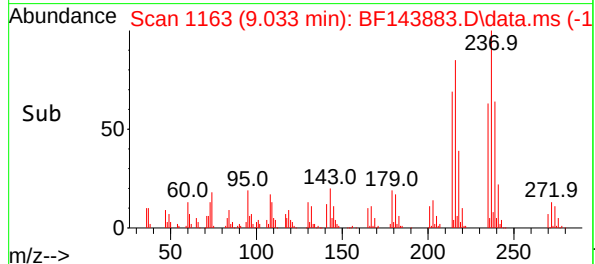
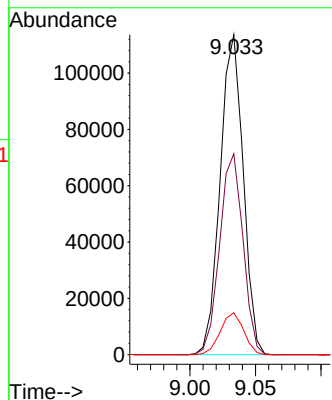
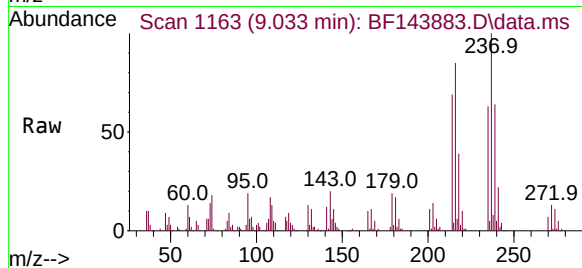




#41
Hexachlorocyclopentadiene
Concen: 48.984 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

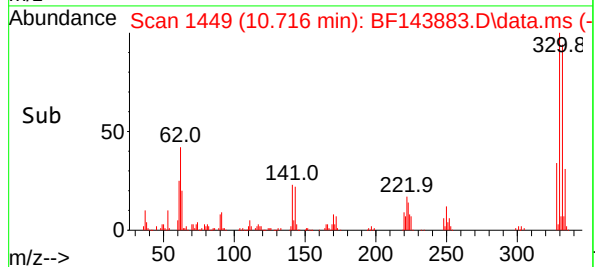
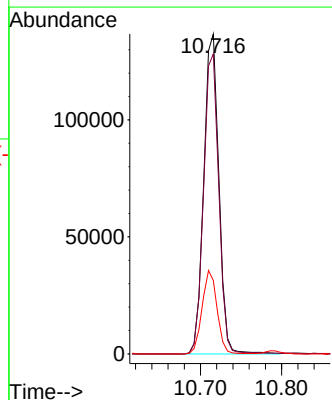
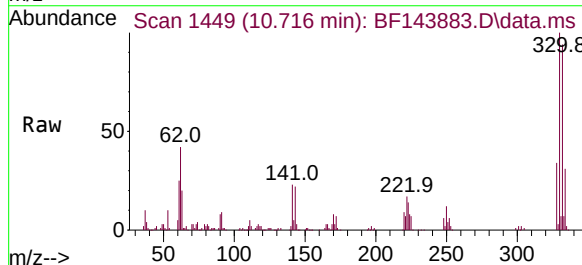
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

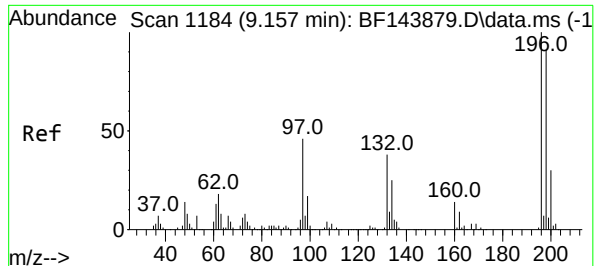
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	42.3	82.3
272	13.1	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 71.685 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

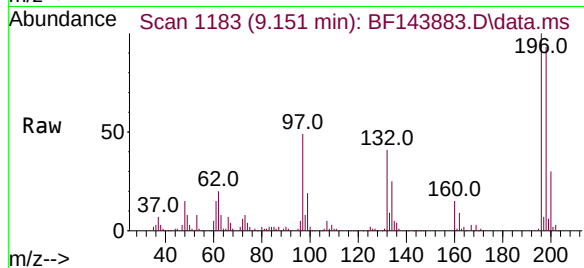
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.9	115.3
141	25.8	20.2	30.4



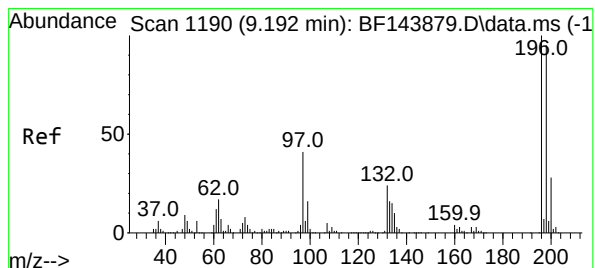
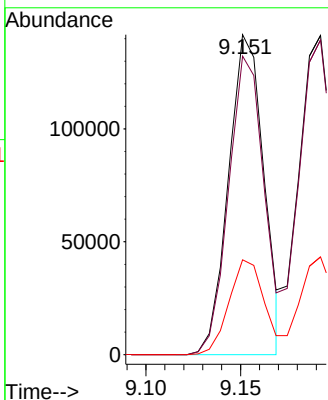
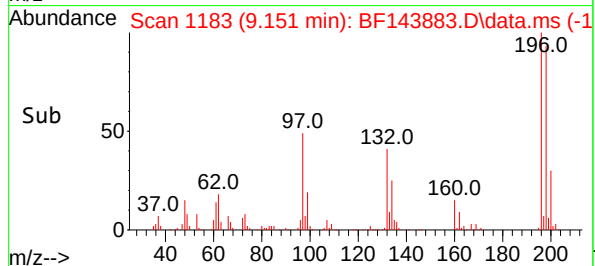


#43
2,4,6-Trichlorophenol
Concen: 36.726 ng
RT: 9.151 min Scan# 1183
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

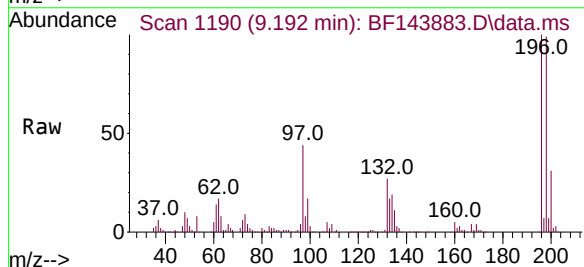
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



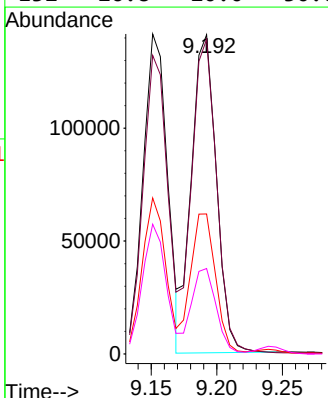
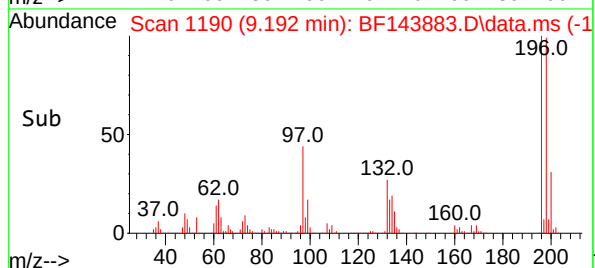
Tgt Ion:196 Resp: 183769
Ion Ratio Lower Upper
196 100
198 93.3 72.8 109.2
200 29.6 24.0 36.0

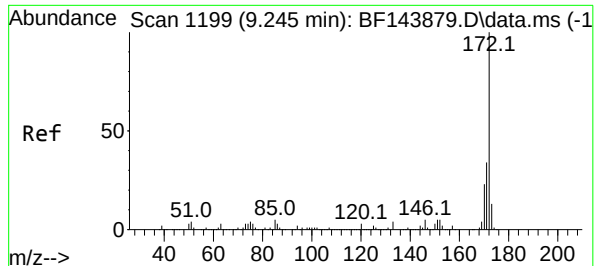


#44
2,4,5-Trichlorophenol
Concen: 35.194 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion:196 Resp: 186099
Ion Ratio Lower Upper
196 100
198 98.6 75.5 113.3
97 43.8 33.9 50.9
132 26.8 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 67.621 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

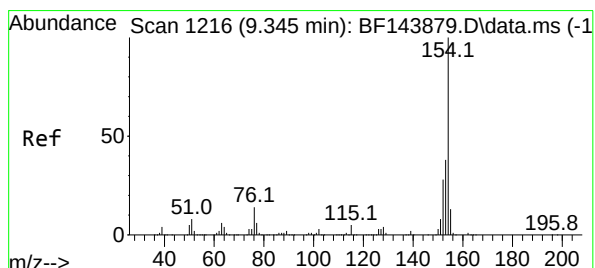
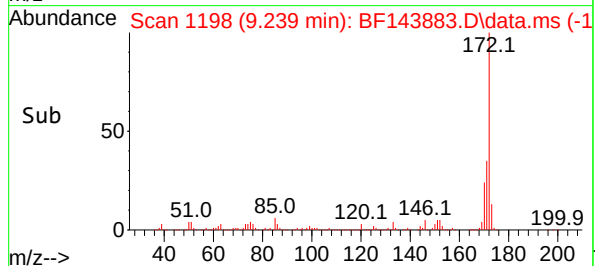
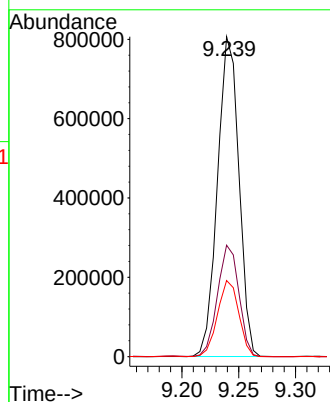
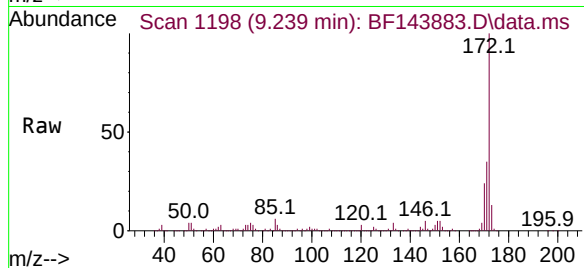
Tgt Ion:172 Resp: 1055942

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 36.770 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

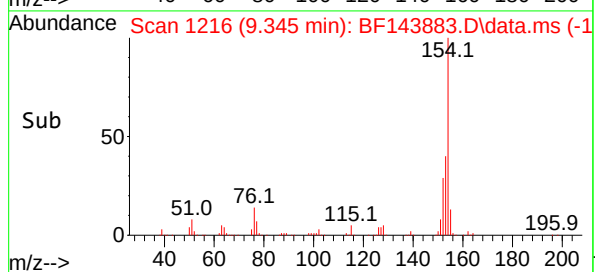
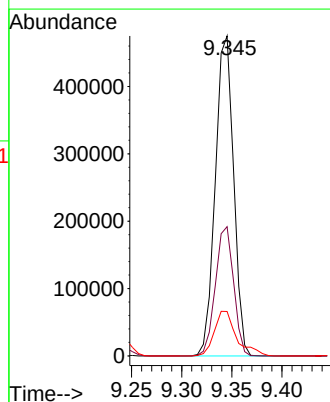
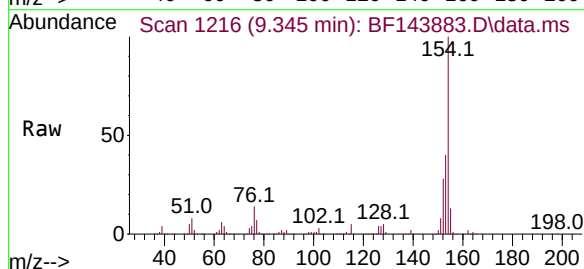
Tgt Ion:154 Resp: 603213

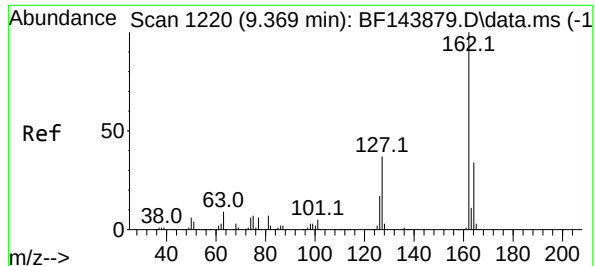
Ion Ratio Lower Upper

154 100

153 40.4 18.4 58.4

76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 36.454 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

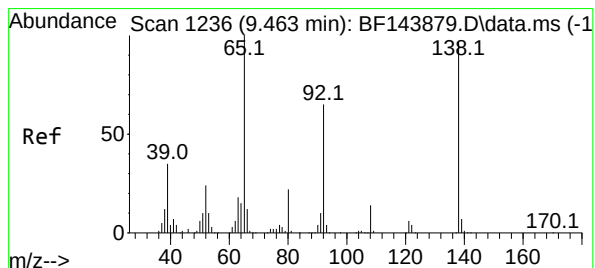
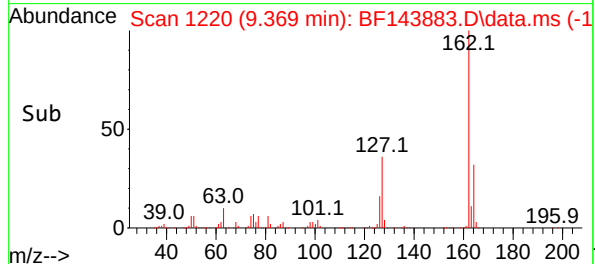
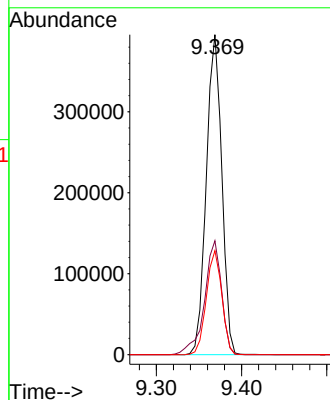
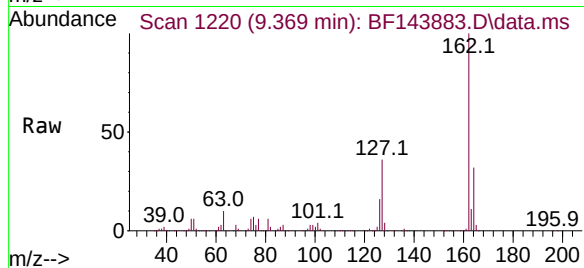
Tgt Ion:162 Resp: 498615

Ion Ratio Lower Upper

162 100

127 35.6 30.2 45.2

164 32.5 26.9 40.3



#48

2-Nitroaniline

Concen: 38.894 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

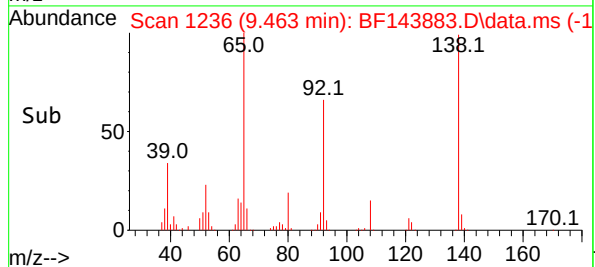
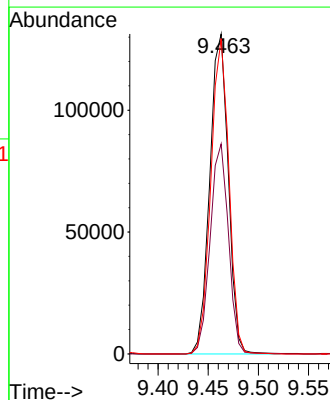
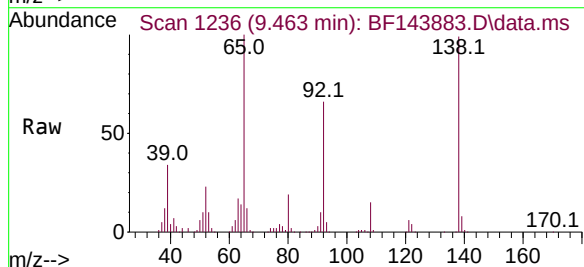
Tgt Ion: 65 Resp: 168191

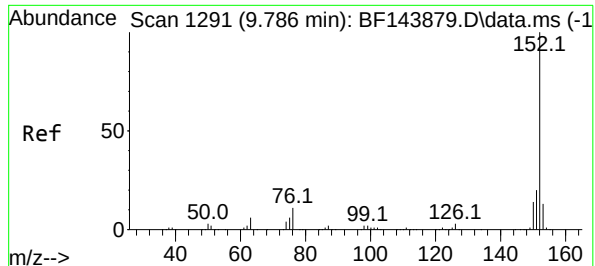
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

138 98.5 77.4 116.2





#49

Acenaphthylene

Concen: 40.859 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

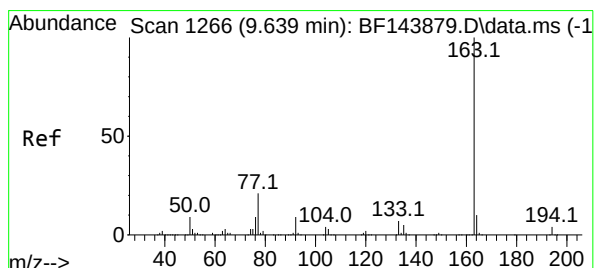
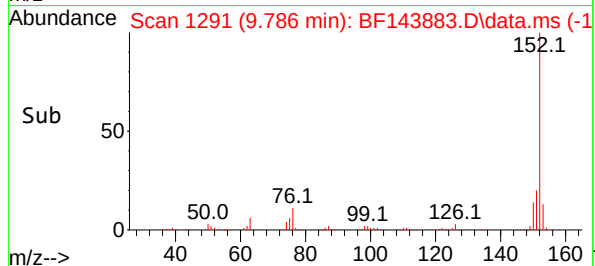
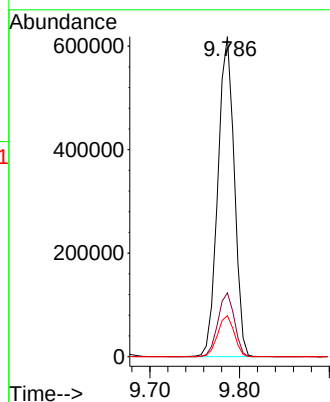
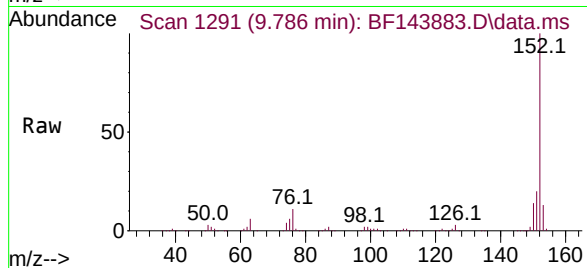
Tgt Ion:152 Resp: 785697

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 35.968 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

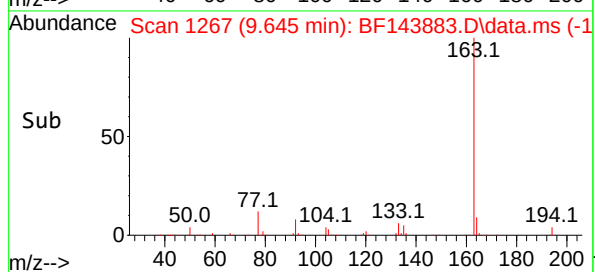
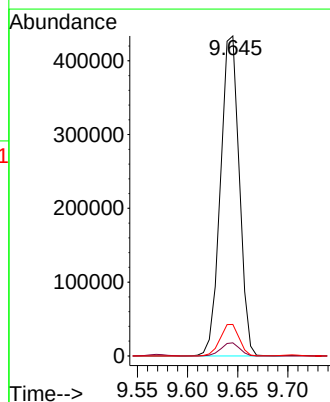
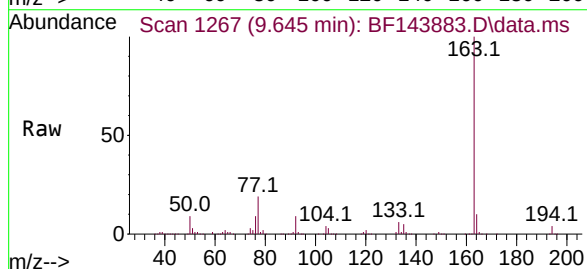
Tgt Ion:163 Resp: 565953

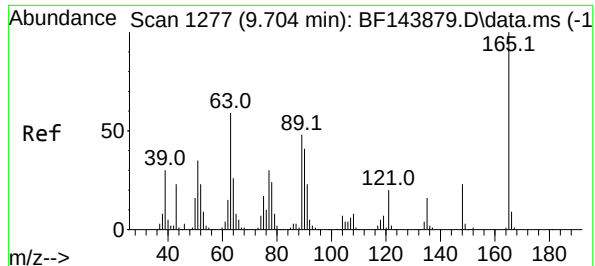
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.1 12.1

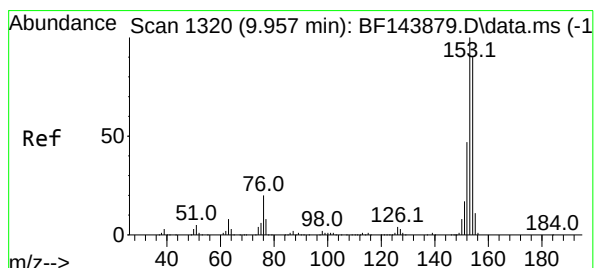
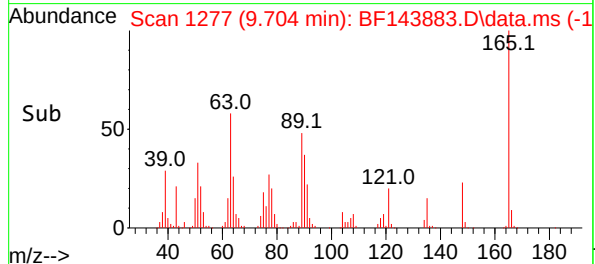
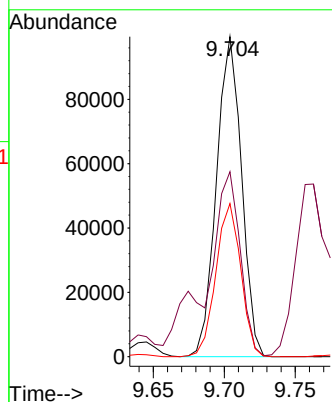
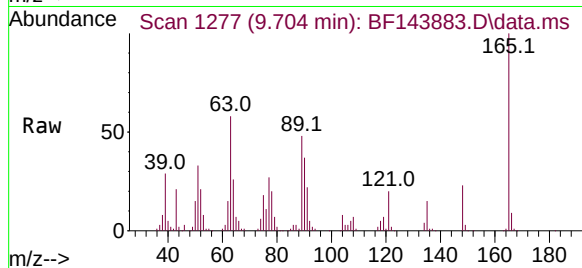




#51
2,6-Dinitrotoluene
Concen: 41.967 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

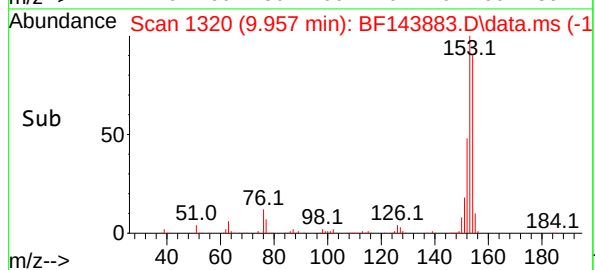
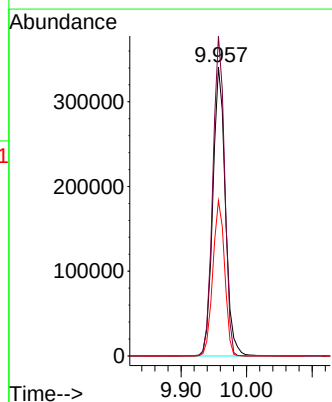
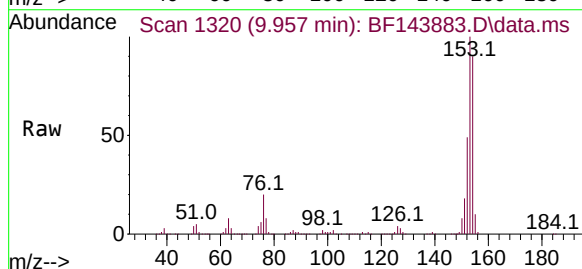
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

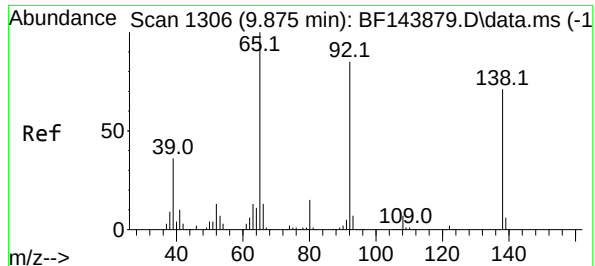
Tgt Ion:165 Resp: 122449
Ion Ratio Lower Upper
165 100
63 57.8 47.3 70.9
89 47.8 38.2 57.4



#52
Acenaphthene
Concen: 35.913 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 452513
Ion Ratio Lower Upper
154 100
153 110.8 89.3 133.9
152 53.8 42.2 63.2

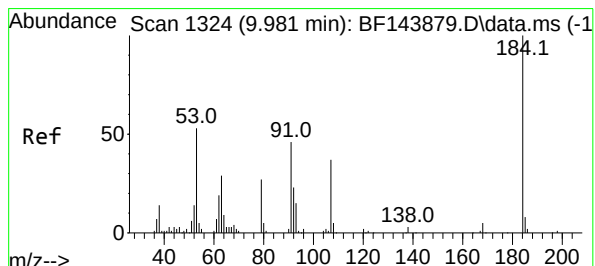
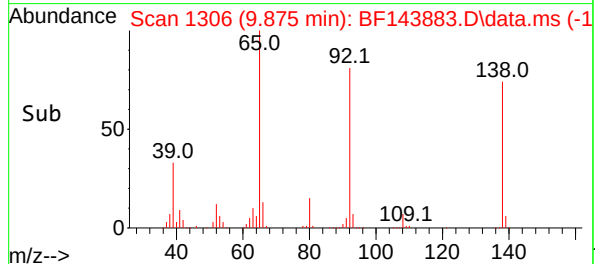
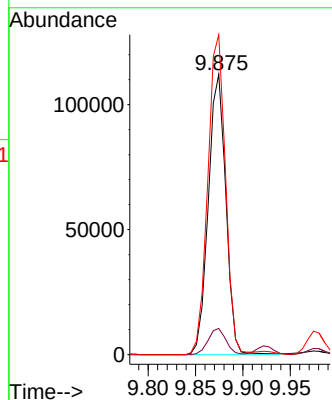
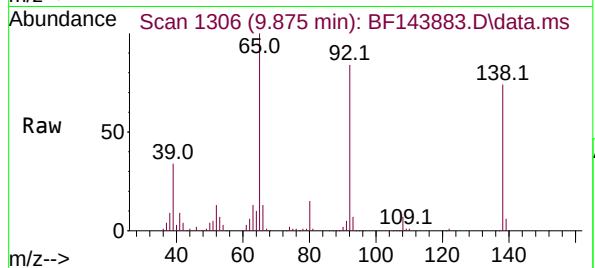




#53
3-Nitroaniline
Concen: 40.493 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

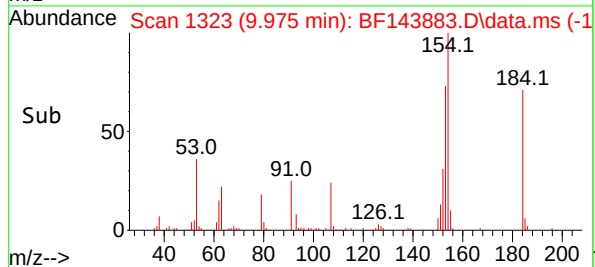
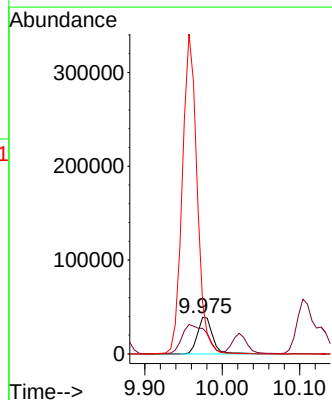
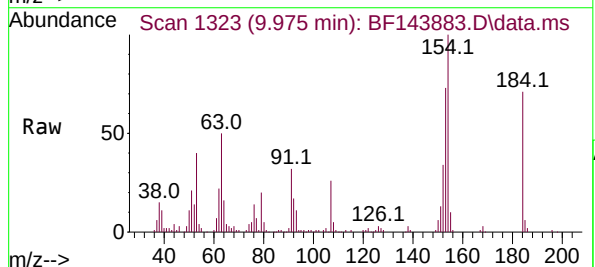
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

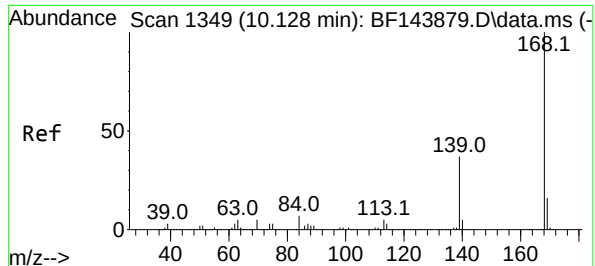
Tgt Ion:138 Resp: 144668
Ion Ratio Lower Upper
138 100
108 9.3 8.3 12.5
92 114.2 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 33.731 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:184 Resp: 52796
Ion Ratio Lower Upper
184 100
63 70.0 48.2 72.4
154 140.2 49.2 73.8#





#55

Dibenzofuran

Concen: 36.717 ng

RT: 10.127 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

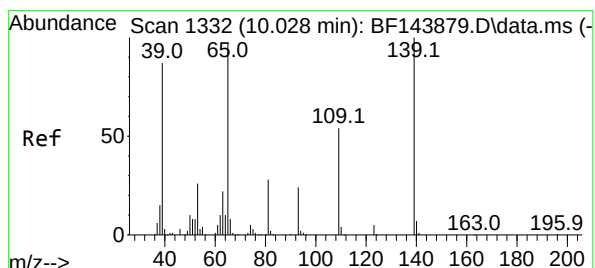
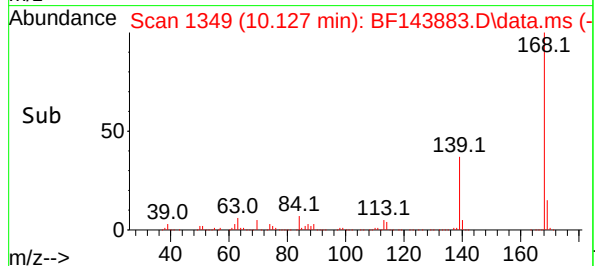
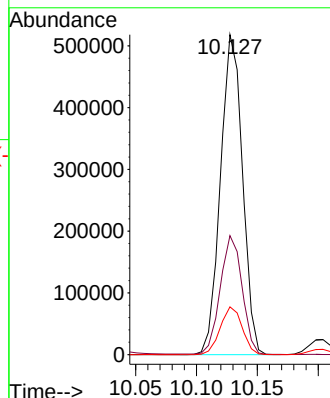
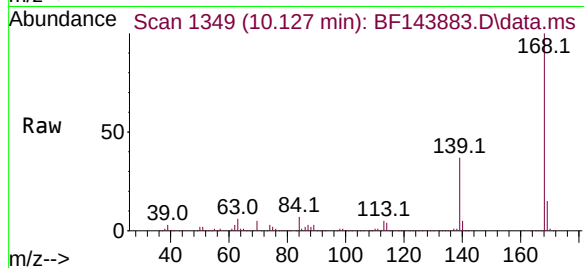
Tgt Ion:168 Resp: 653073

Ion Ratio Lower Upper

168 100

139 37.2 29.8 44.8

169 15.0 12.8 19.2



#56

4-Nitrophenol

Concen: 36.850 ng

RT: 10.022 min Scan# 1331

Delta R.T. -0.017 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

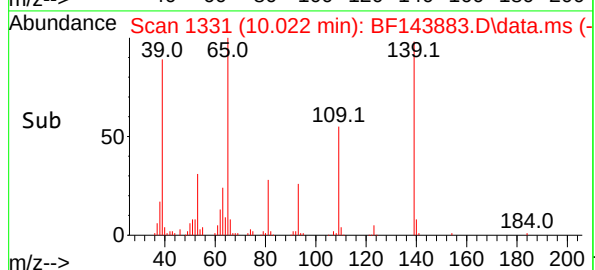
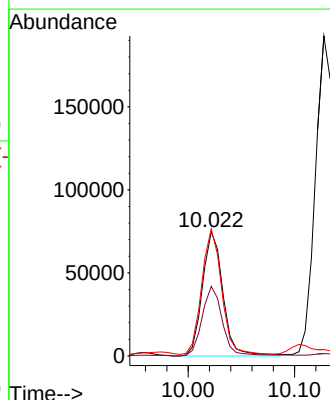
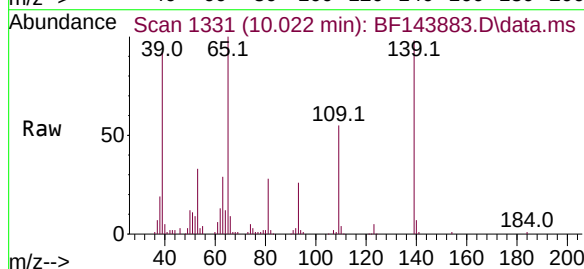
Tgt Ion:139 Resp: 99684

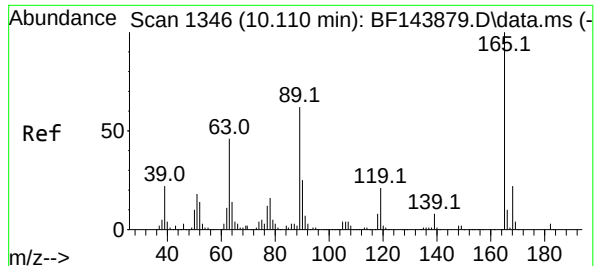
Ion Ratio Lower Upper

139 100

109 56.0 34.5 74.5

65 102.2 77.6 117.6

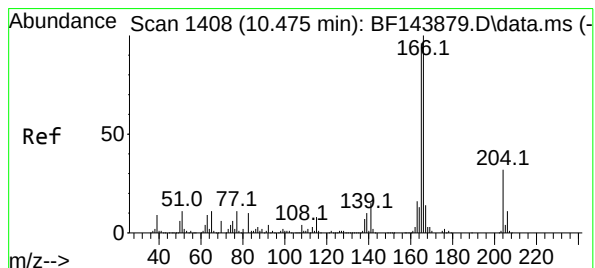
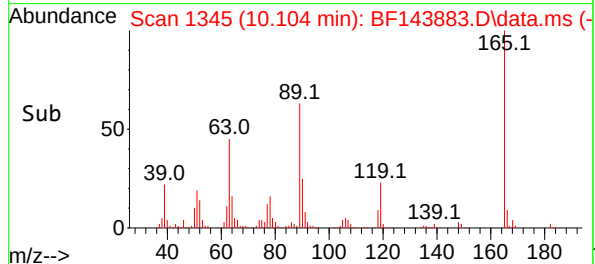
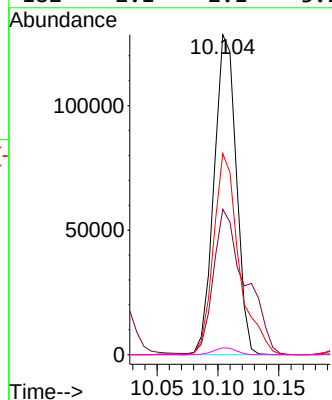
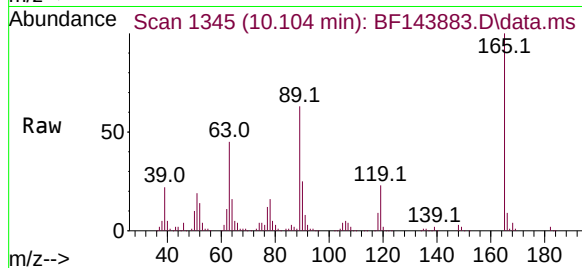




#57
2,4-Dinitrotoluene
Concen: 41.169 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

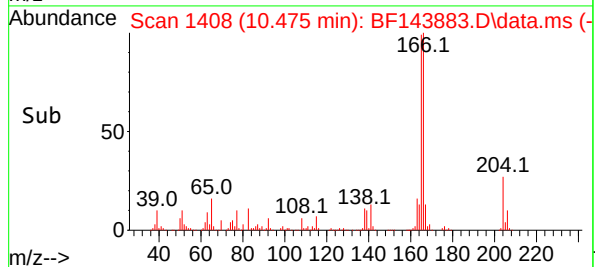
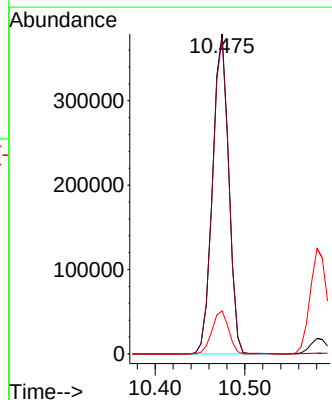
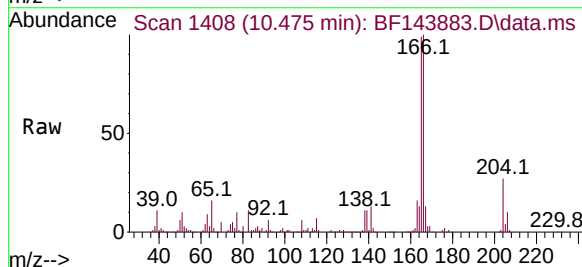
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

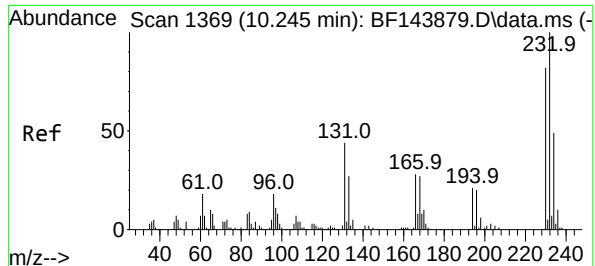
Tgt Ion:165 Resp: 163440
Ion Ratio Lower Upper
165 100
63 45.4 37.2 55.8
89 62.8 49.4 74.2
182 2.1 2.1 3.1



#58
Fluorene
Concen: 35.527 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:166 Resp: 476811
Ion Ratio Lower Upper
166 100
165 98.7 77.0 115.6
167 13.4 11.1 16.7

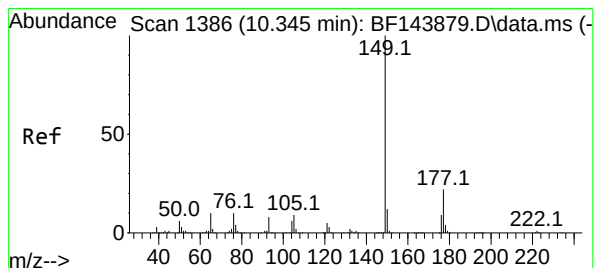
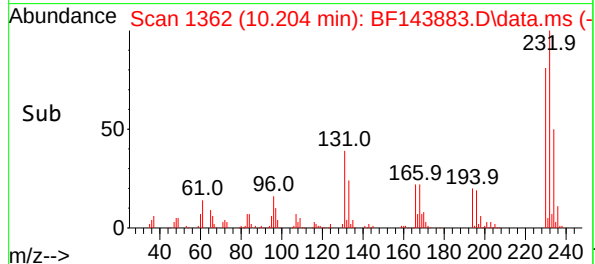
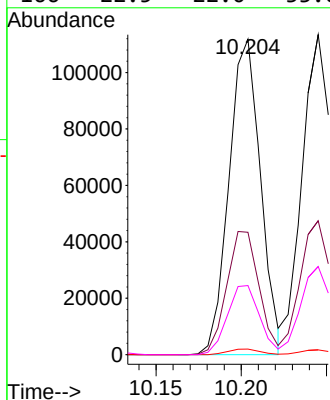
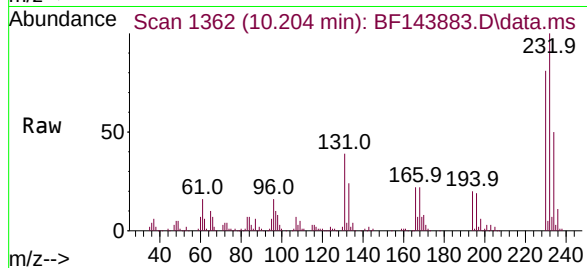




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.488 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

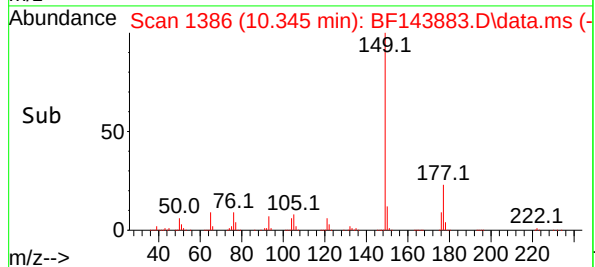
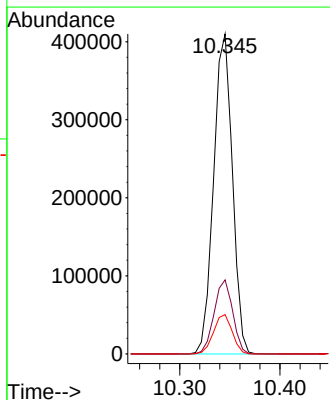
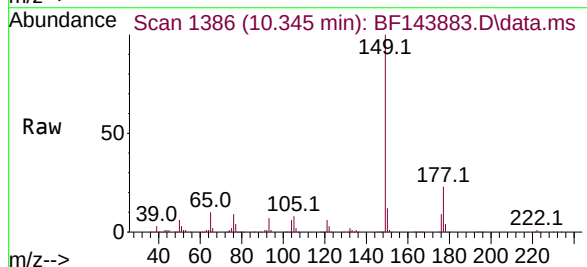
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

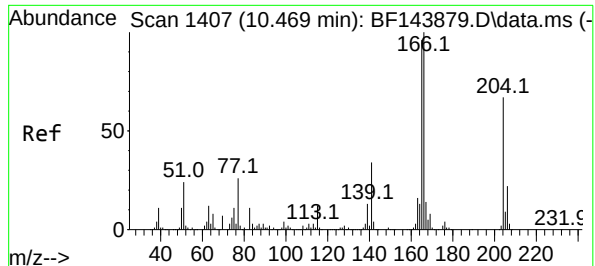
Tgt Ion:232 Resp: 144064
Ion Ratio Lower Upper
232 100
131 40.0 34.9 52.3
130 1.8 1.6 2.4
166 22.5 22.0 33.0



#60
Diethylphthalate
Concen: 36.501 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 533574
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.3 9.8 14.8

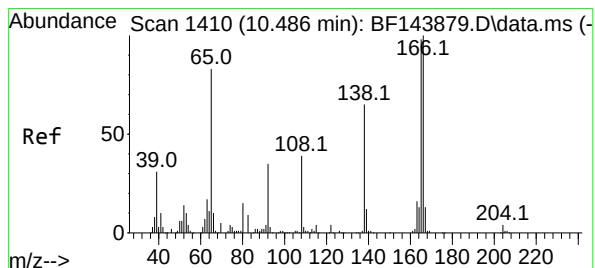
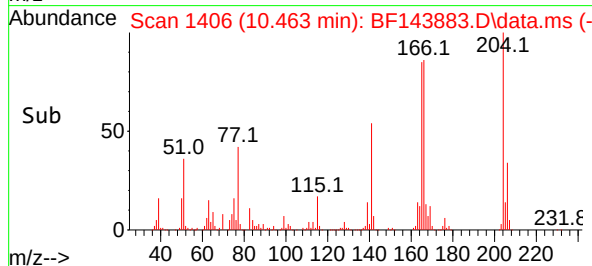
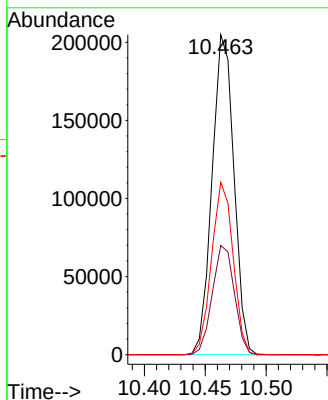
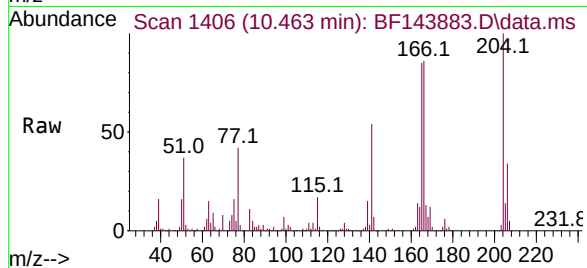




#61
4-Chlorophenyl-phenylether
Concen: 36.113 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

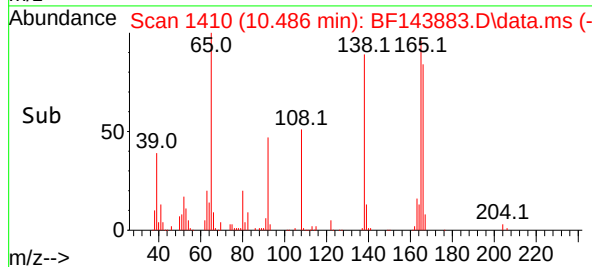
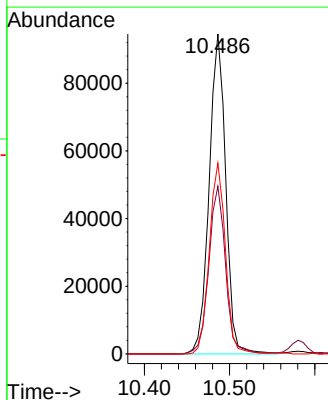
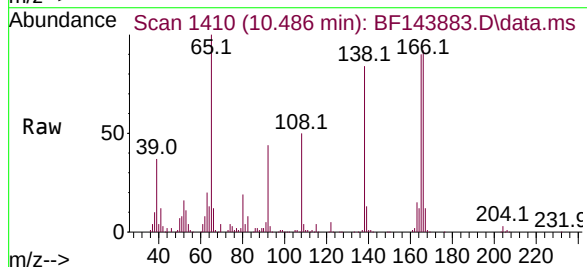
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

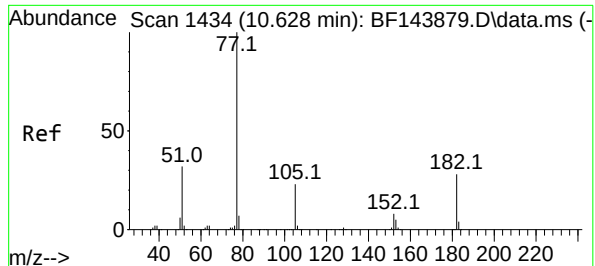
Tgt Ion:204 Resp: 256247
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 53.9 40.4 60.6



#62
4-Nitroaniline
Concen: 37.074 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:138 Resp: 127369
Ion Ratio Lower Upper
138 100
92 52.4 33.9 73.9
108 59.6 40.2 80.2

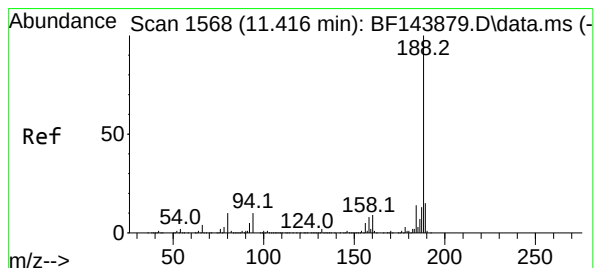
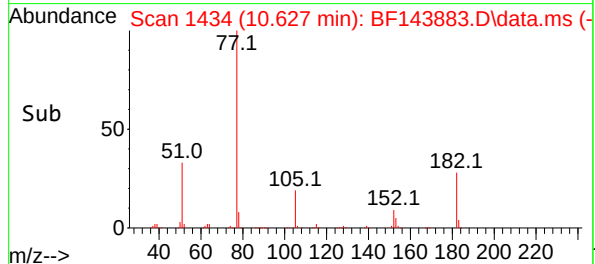
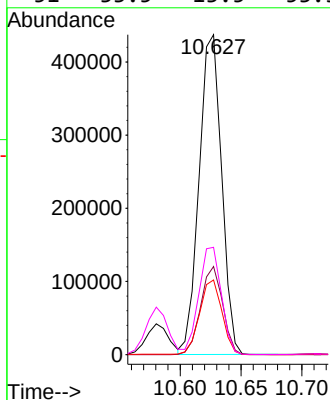
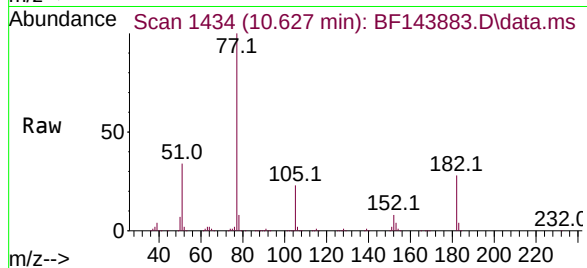




#63
Azobenzene
Concen: 36.837 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

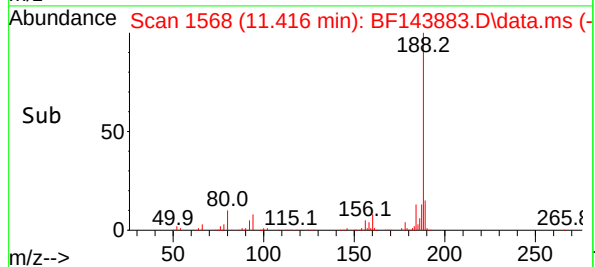
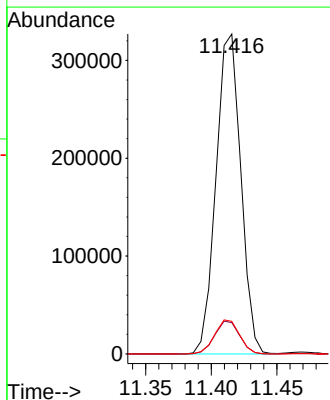
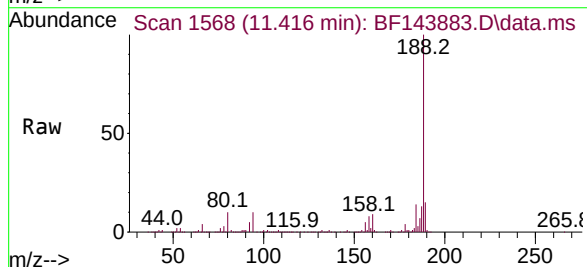
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

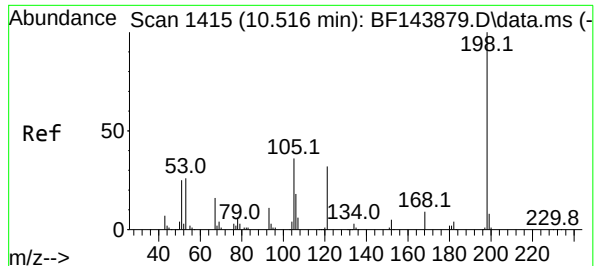
Tgt Ion: 77	Resp: 562787
Ion Ratio	Lower Upper
77 100	
182 27.5	7.3 47.3
105 23.3	3.0 43.0
51 33.5	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 188	Resp: 431562
Ion Ratio	Lower Upper
188 100	
94 9.8	7.8 11.6
80 10.2	7.9 11.9

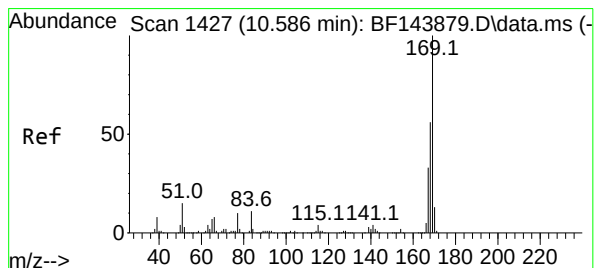
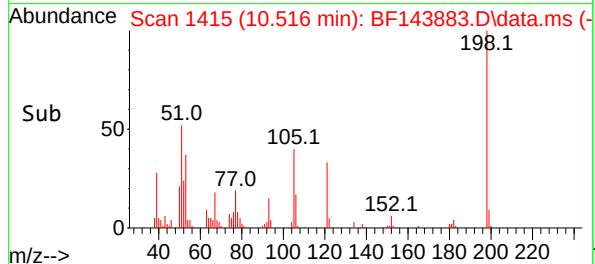
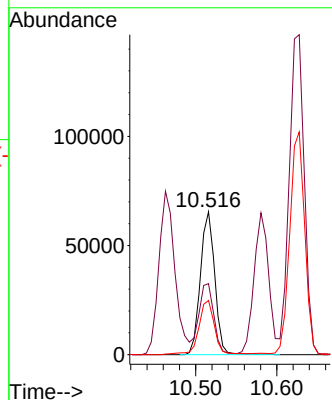
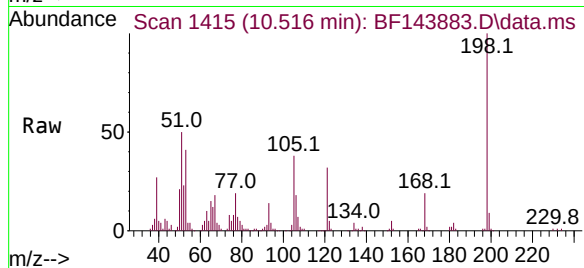




#65
4,6-Dinitro-2-methylphenol
Concen: 37.083 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

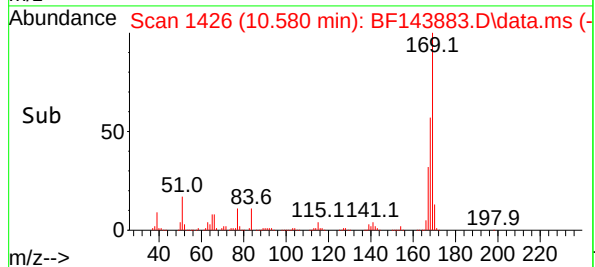
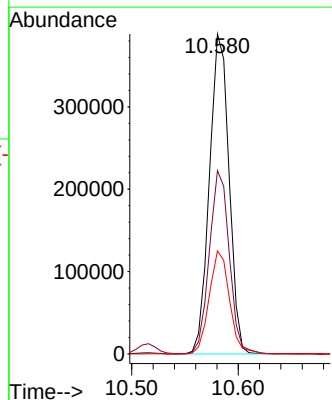
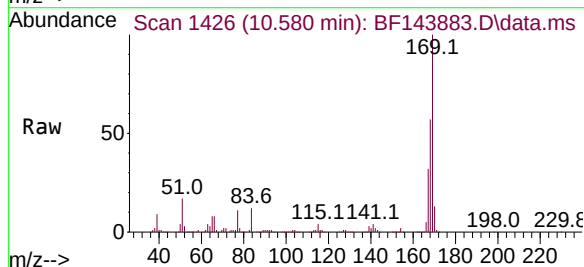
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

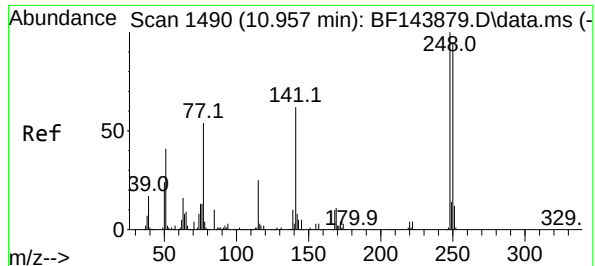
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.7	33.8	73.8
105	37.9	17.0	57.0



#66
n-Nitrosodiphenylamine
Concen: 36.649 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.3	44.9	67.3
167	32.2	26.3	39.5

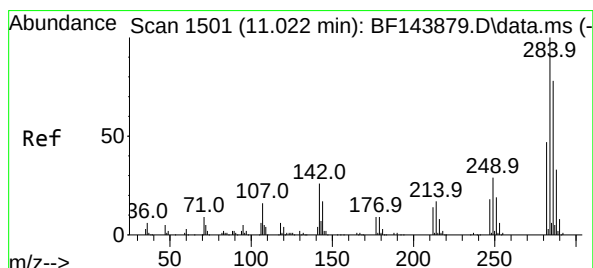
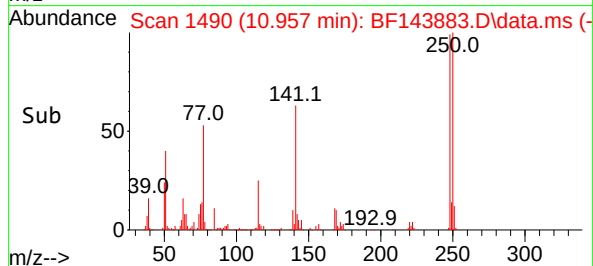
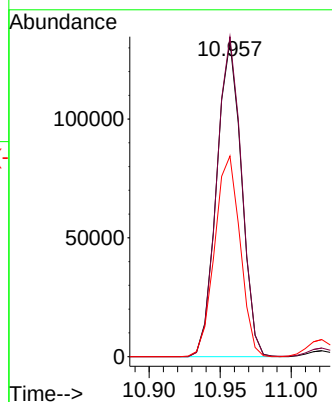
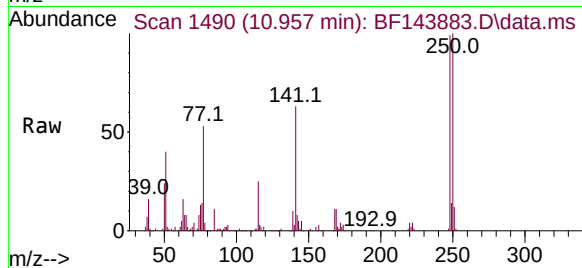




#67
4-Bromophenyl-phenylether
Concen: 33.973 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

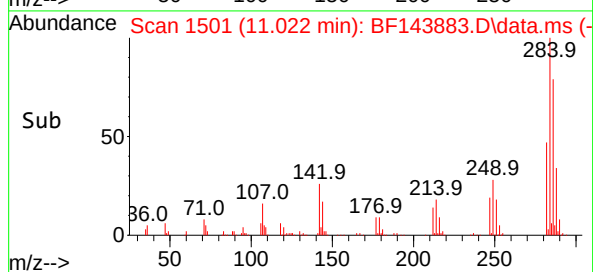
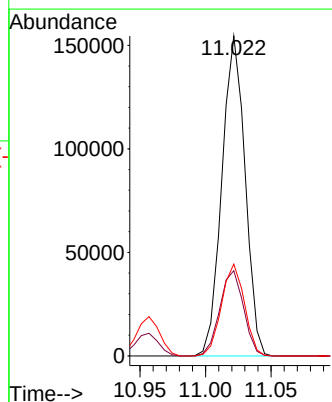
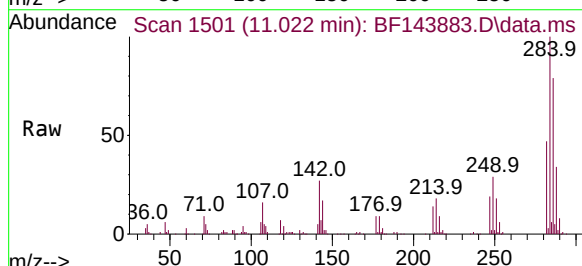
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

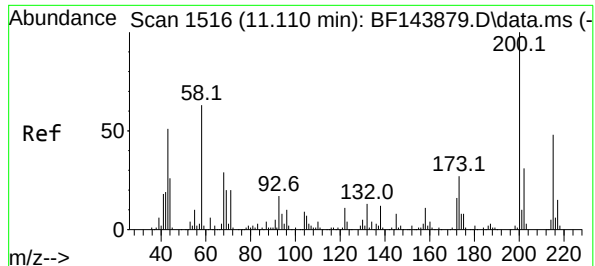
Tgt Ion:248 Resp: 162033
Ion Ratio Lower Upper
248 100
250 101.4 76.3 114.5
141 63.6 49.7 74.5



#68
Hexachlorobenzene
Concen: 34.415 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:284 Resp: 190028
Ion Ratio Lower Upper
284 100
142 26.6 20.6 30.8
249 28.7 23.2 34.8





#69

Atrazine

Concen: 39.016 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

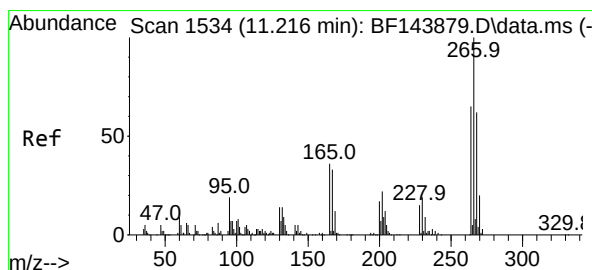
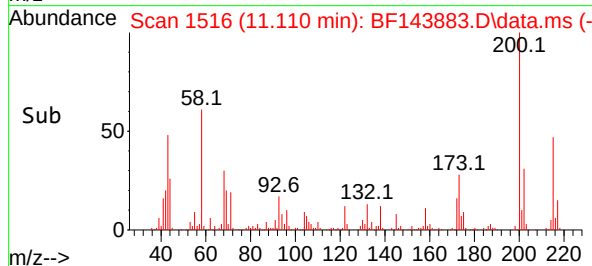
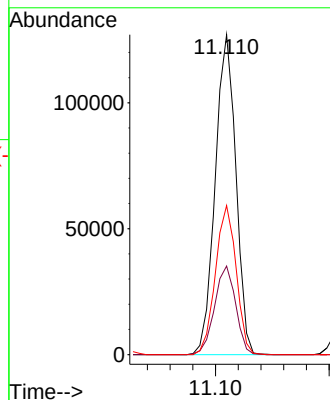
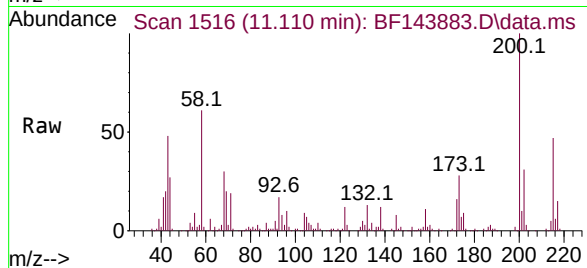
Tgt Ion:200 Resp: 160244

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

215 46.6 27.8 67.8



#70

Pentachlorophenol

Concen: 33.097 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

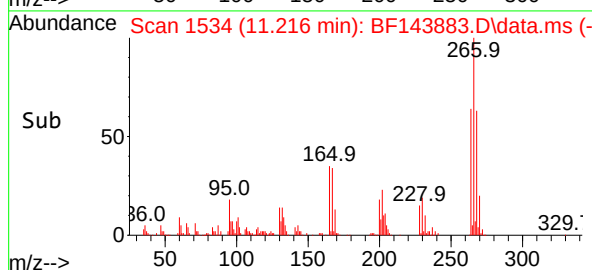
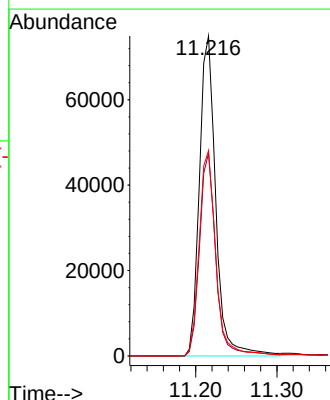
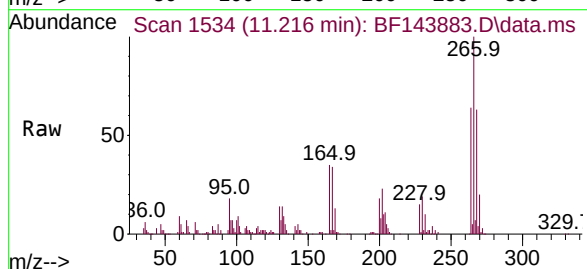
Tgt Ion:266 Resp: 104958

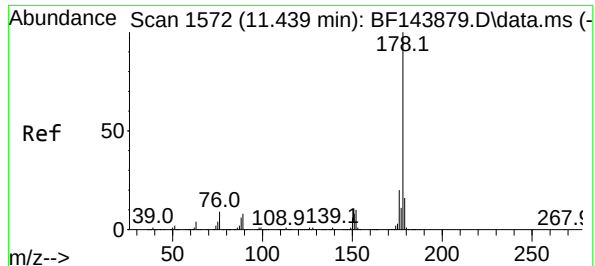
Ion Ratio Lower Upper

266 100

268 63.3 49.4 74.0

264 64.2 51.8 77.6





#71

Phenanthrene

Concen: 35.542 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

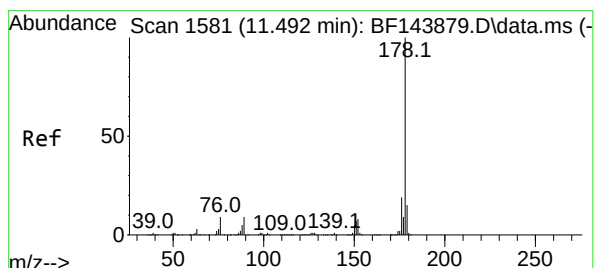
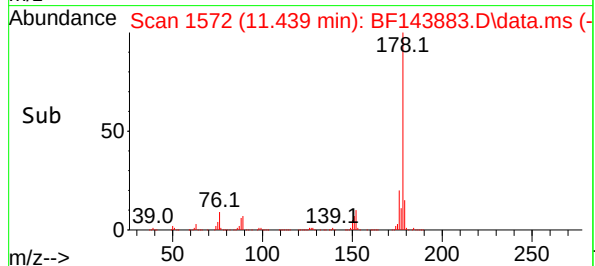
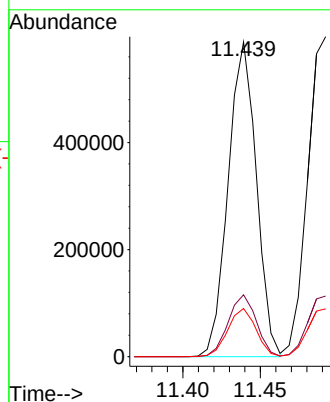
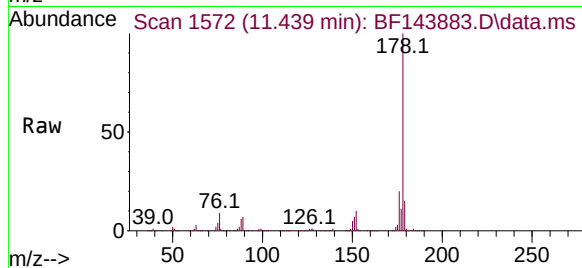
Tgt Ion:178 Resp: 743609

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

179 15.3 12.4 18.6



#72

Anthracene

Concen: 36.273 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

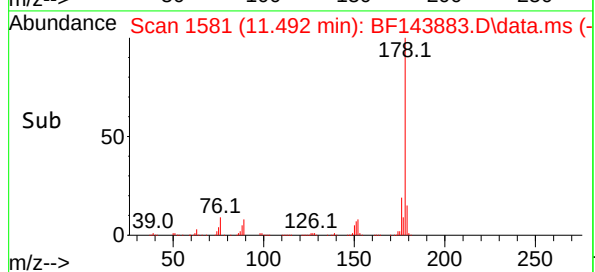
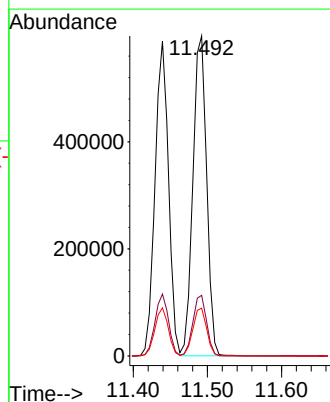
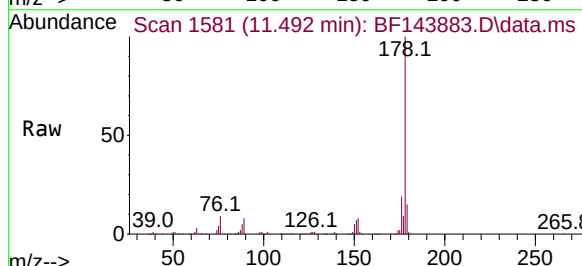
Tgt Ion:178 Resp: 766674

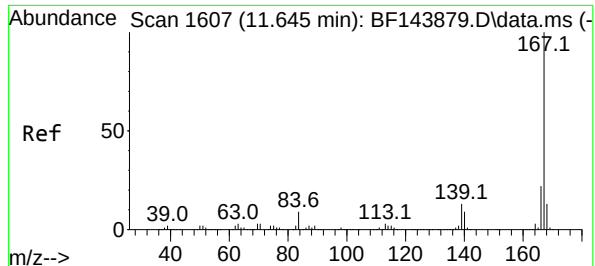
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 14.9 12.2 18.2

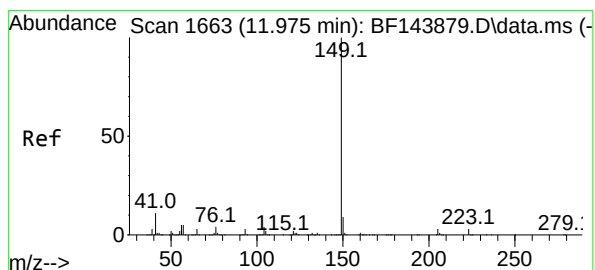
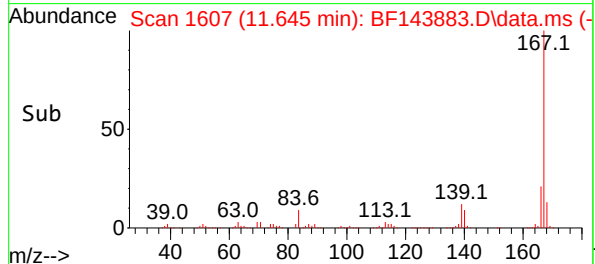
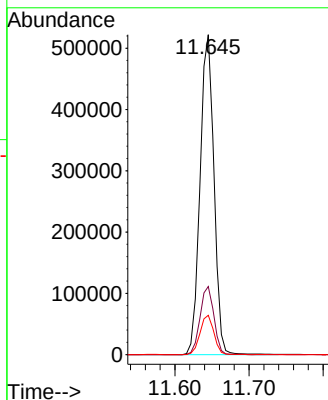
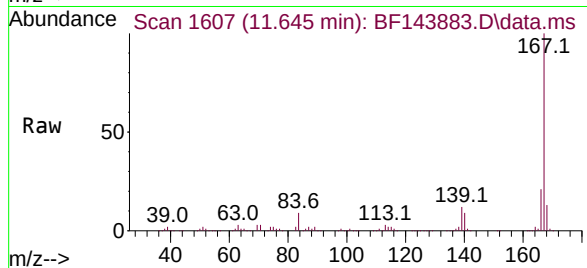




#73
Carbazole
Concen: 36.246 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

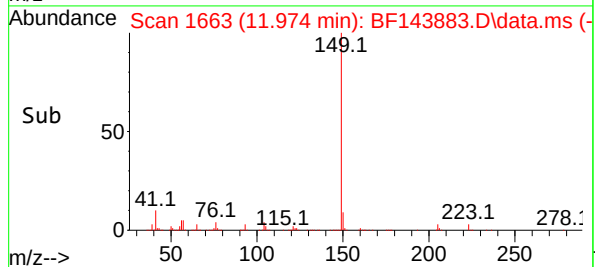
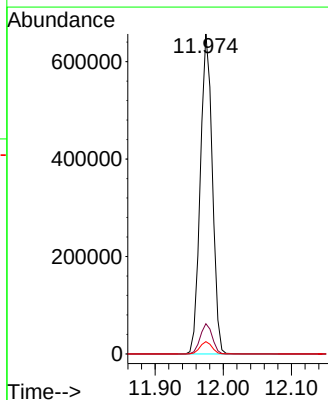
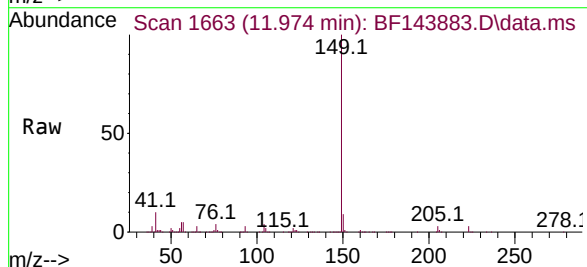
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

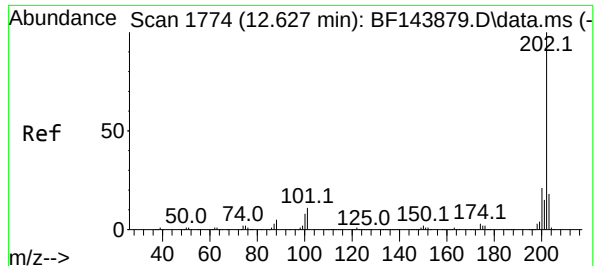
Tgt Ion:167 Resp: 678522
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.3 10.1 15.1



#74
Di-n-butylphthalate
Concen: 37.171 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 806451
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 3.9 3.4 5.2

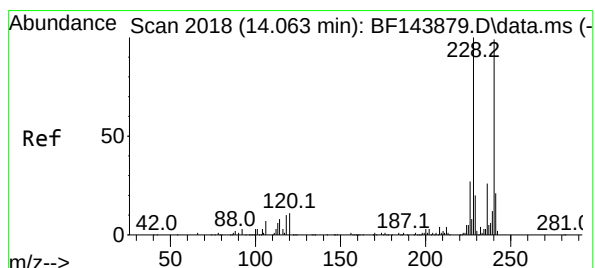
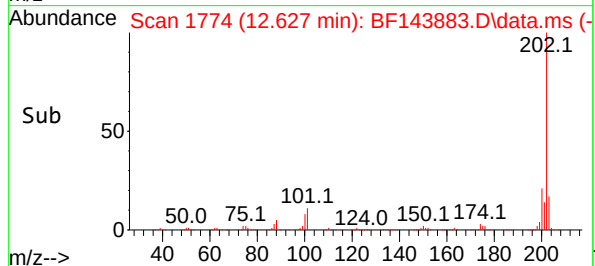
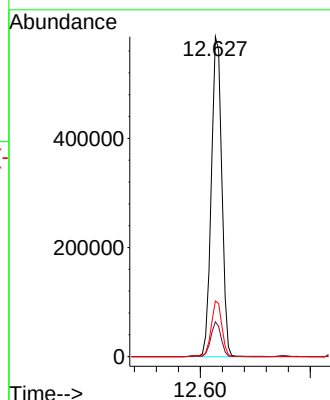
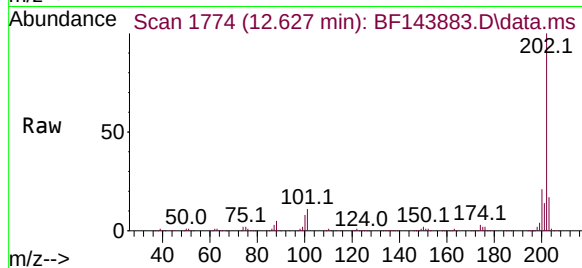




#75
Fluoranthene
Concen: 36.019 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

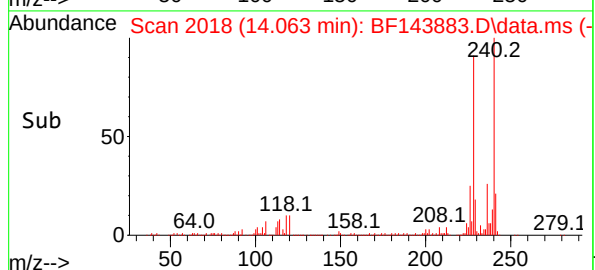
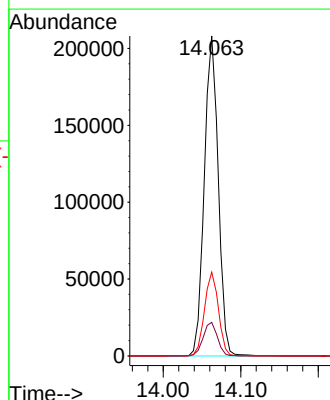
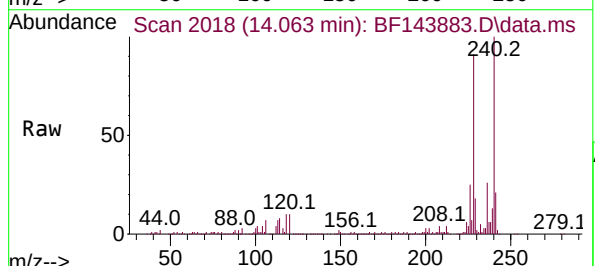
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

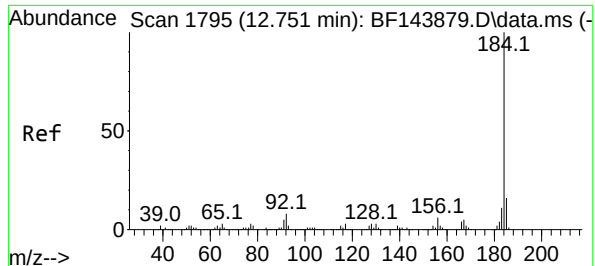
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.7
203	17.4	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	26.2	21.1	31.7





#77

Benzidine

Concen: 45.411 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

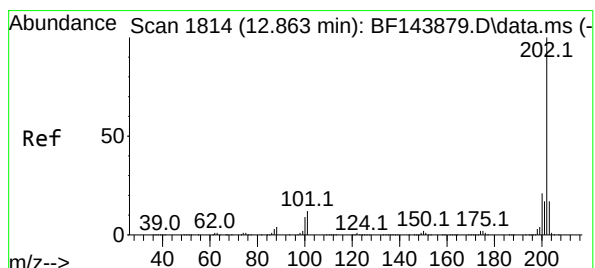
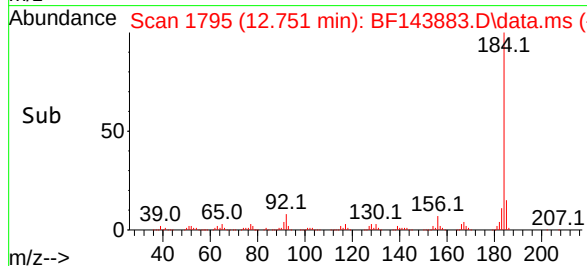
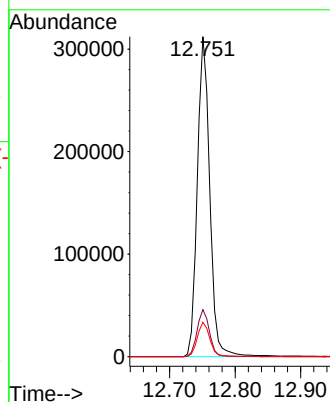
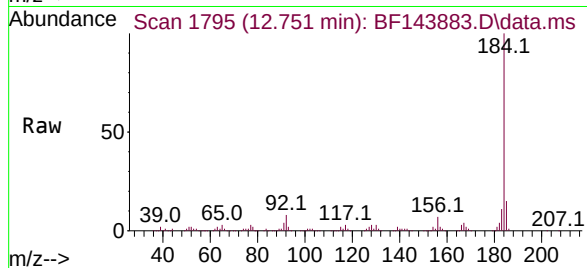
Tgt Ion:184 Resp: 409653

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

183 10.8 8.8 13.2



#78

Pyrene

Concen: 36.431 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

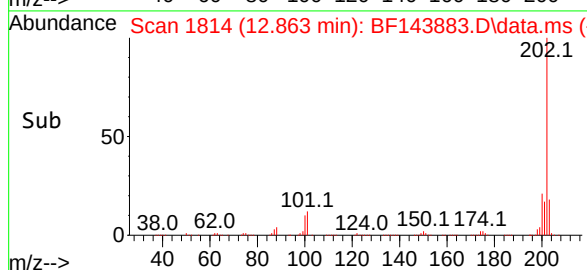
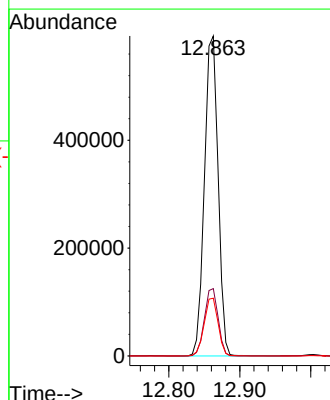
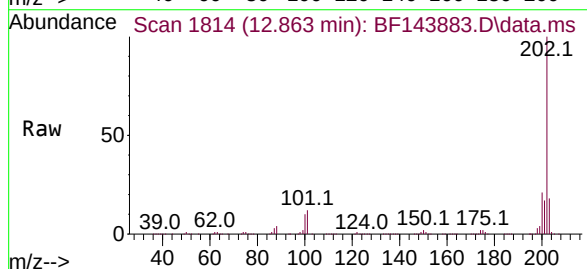
Tgt Ion:202 Resp: 789075

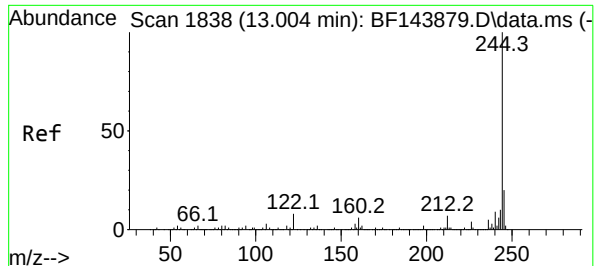
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

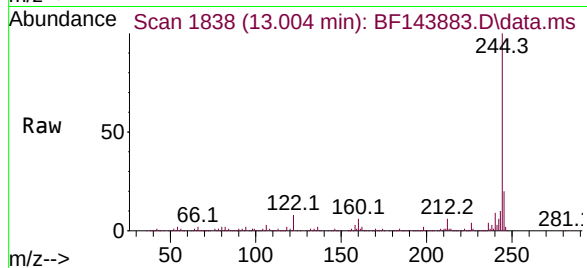
203 18.0 13.8 20.6



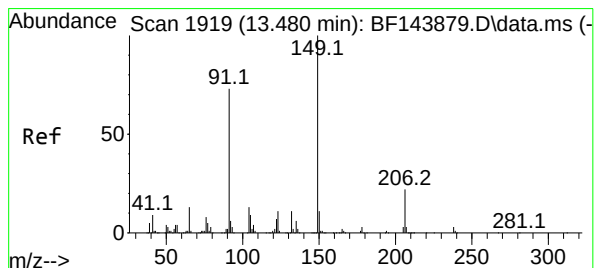
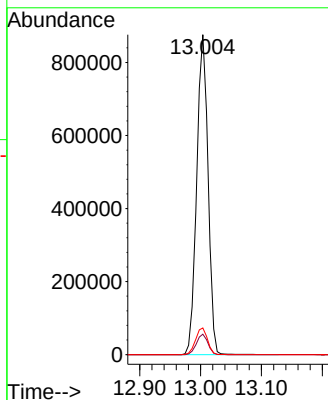
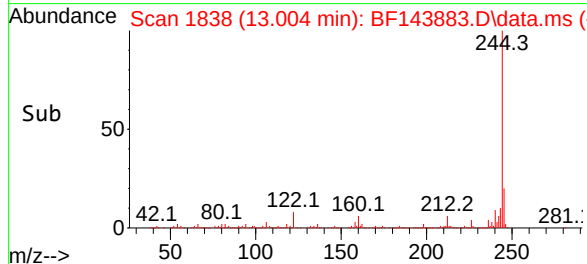


#79
Terphenyl-d14
Concen: 74.443 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

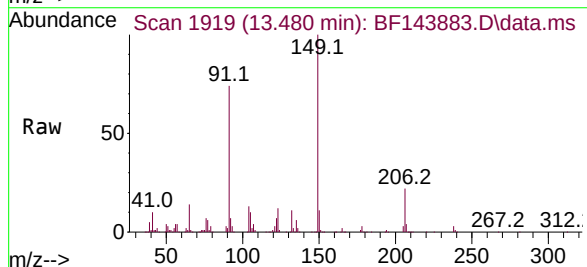
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



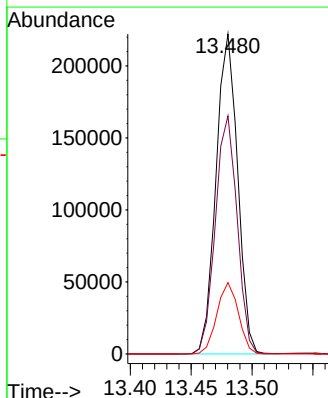
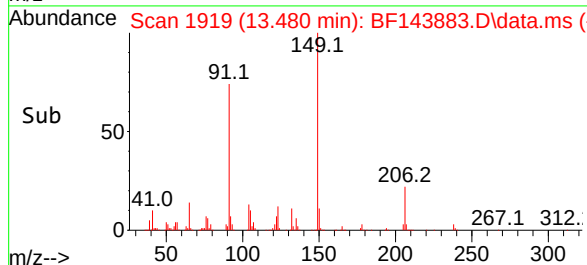
Tgt Ion:244 Resp: 1131636
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 8.3 6.4 9.6

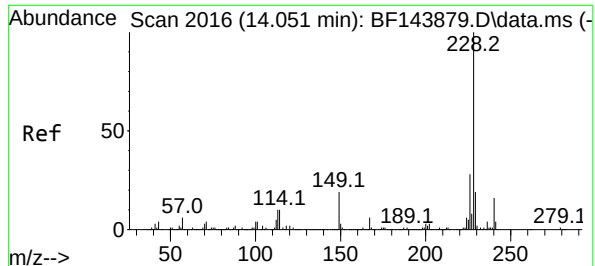


#80
Butylbenzylphthalate
Concen: 38.986 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



Tgt Ion:149 Resp: 274237
Ion Ratio Lower Upper
149 100
91 74.4 58.2 87.2
206 22.3 17.9 26.9





#81

Benzo(a)anthracene

Concen: 36.142 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143883.D

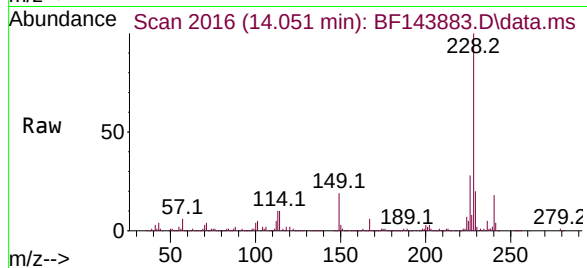
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



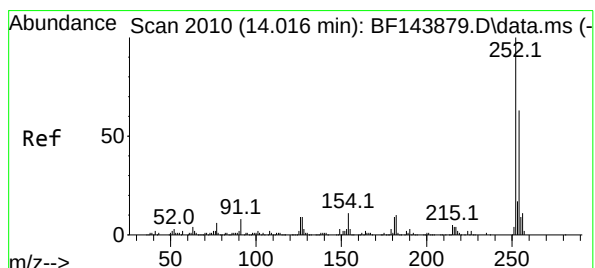
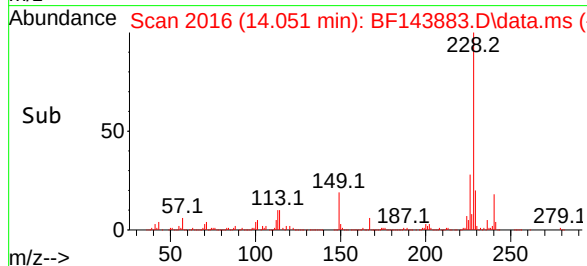
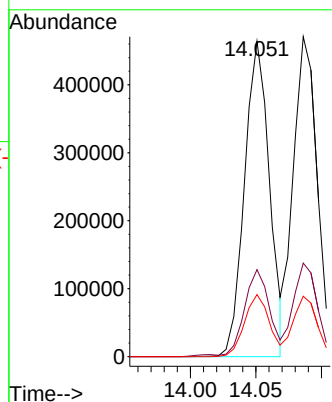
Tgt Ion:228 Resp: 614473

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.2

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 42.747 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

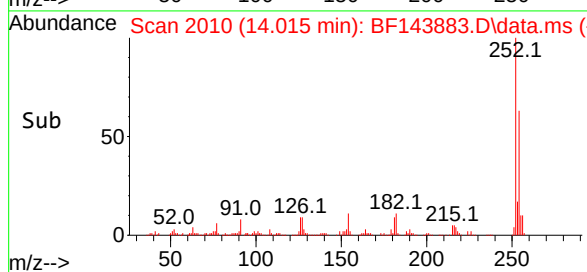
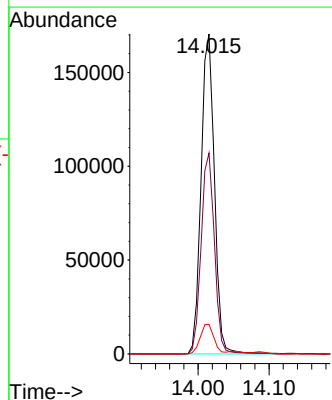
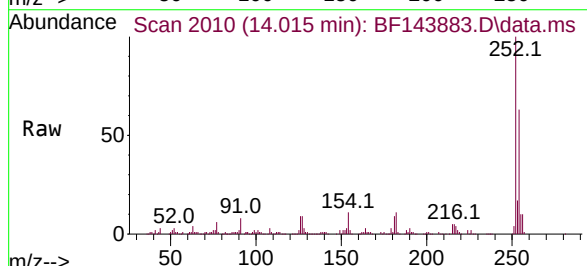
Tgt Ion:252 Resp: 221480

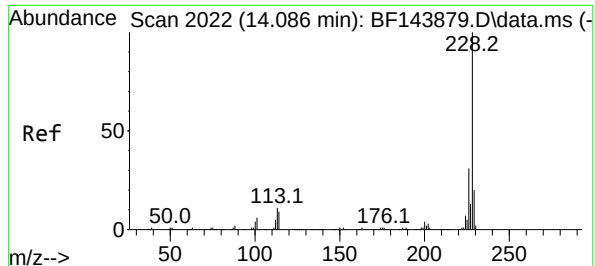
Ion Ratio Lower Upper

252 100

254 62.8 50.6 76.0

126 9.2 7.0 10.6

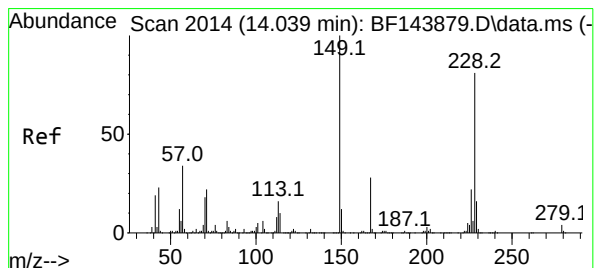
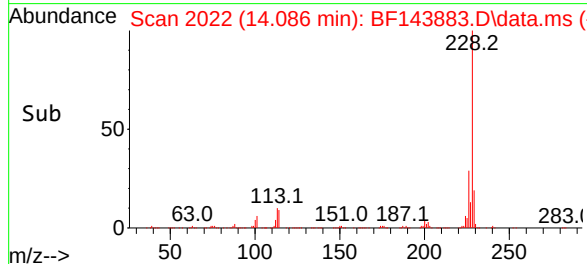
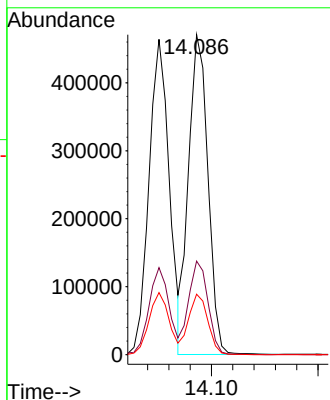
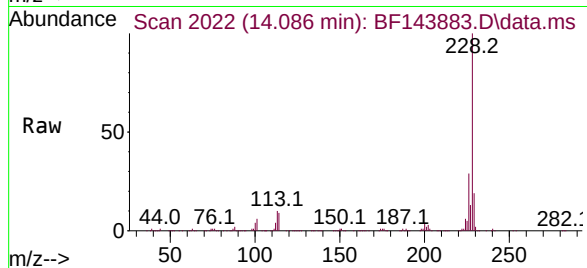




#83
Chrysene
Concen: 37.792 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

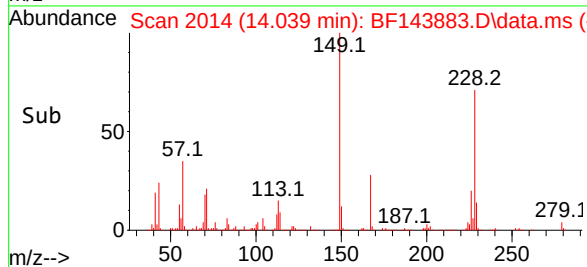
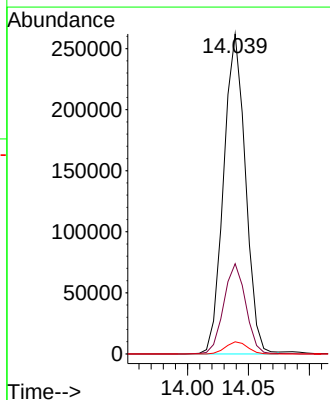
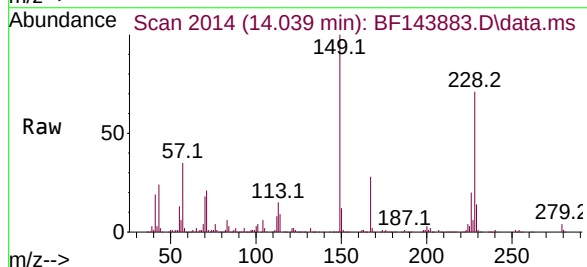
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

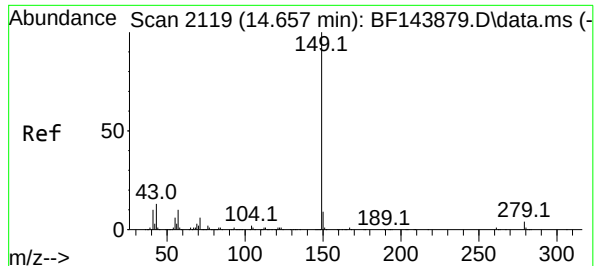
Tgt Ion	228	226	229
Resp	594668		
Ratio	100	29.2	18.9
Lower		24.4	15.9
Upper		36.6	23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.560 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion	149	167	279
Resp	326966		
Ratio	100	28.2	3.8
Lower		22.2	3.1
Upper		33.4	4.7

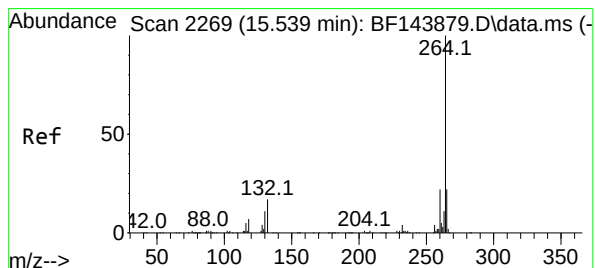
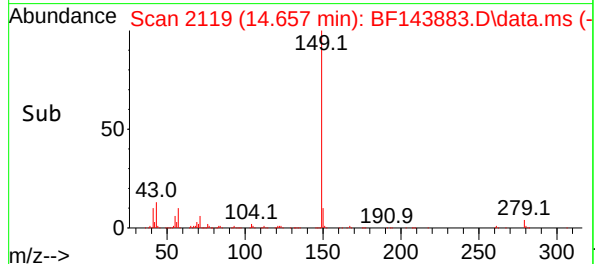
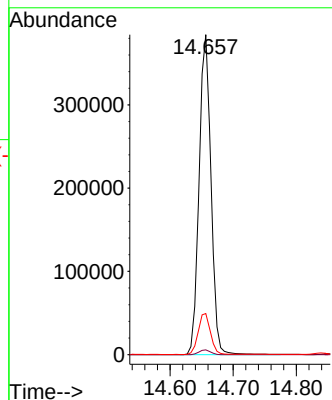
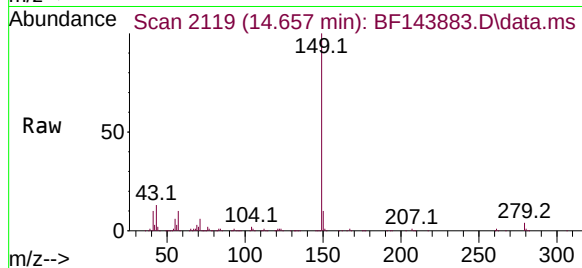




#85
Di-n-octyl phthalate
Concen: 36.116 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

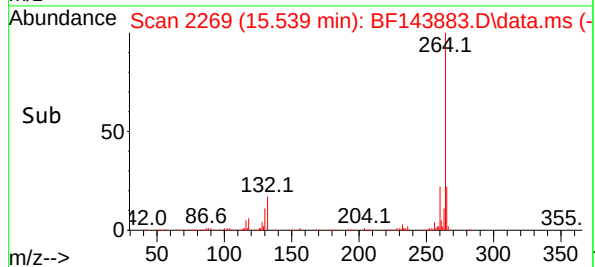
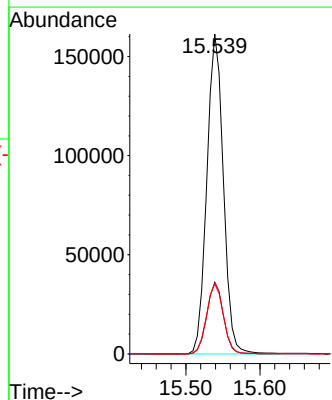
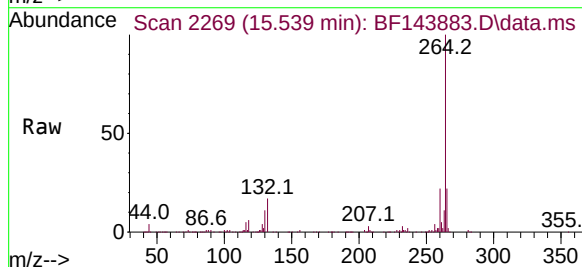
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

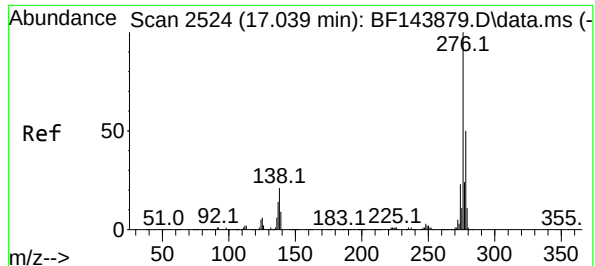
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.2	11.0	16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.8	26.8
265	21.8	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.867 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

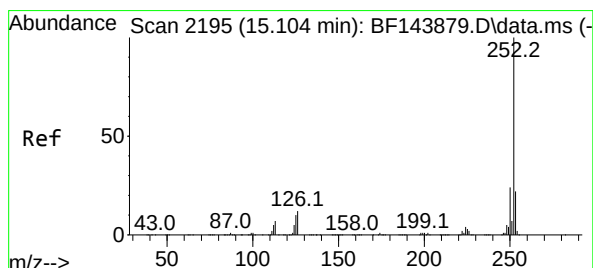
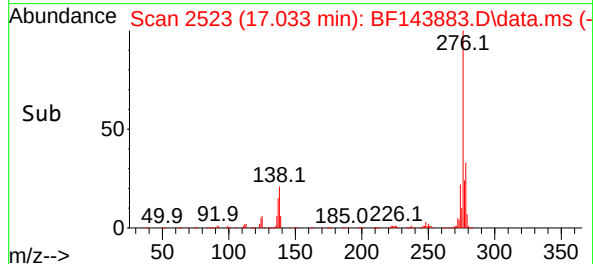
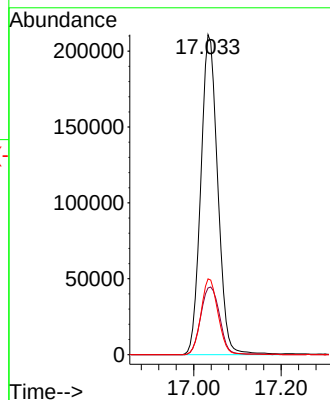
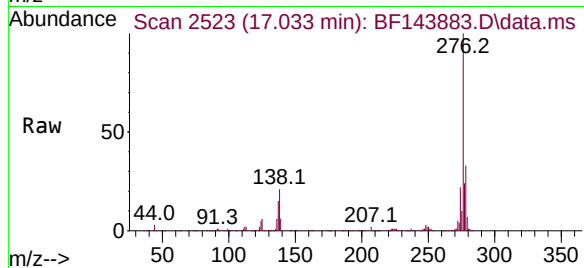
Tgt Ion:276 Resp: 563492

Ion Ratio Lower Upper

276 100

138 23.7 18.2 27.2

277 23.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 37.533 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

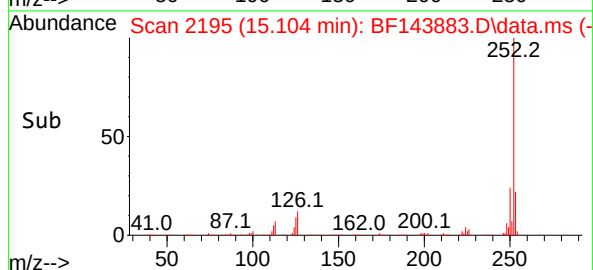
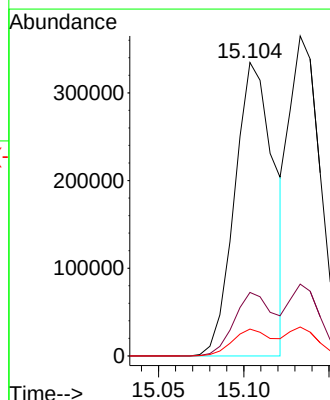
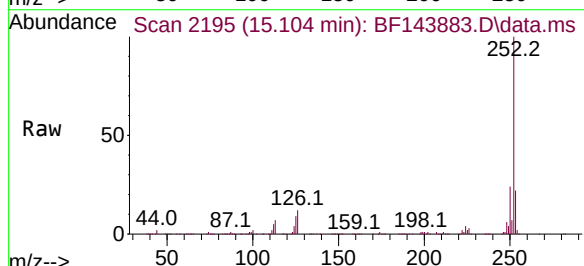
Tgt Ion:252 Resp: 537814

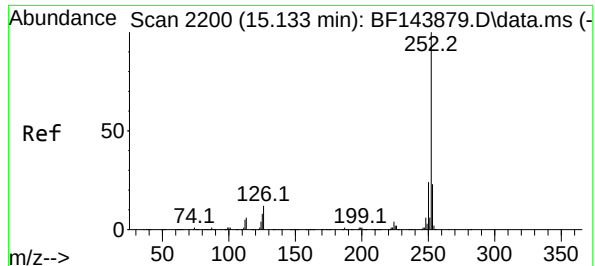
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 9.1 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 35.252 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

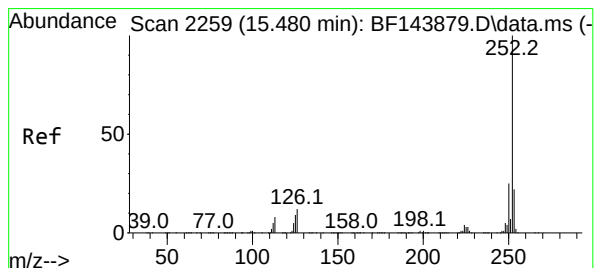
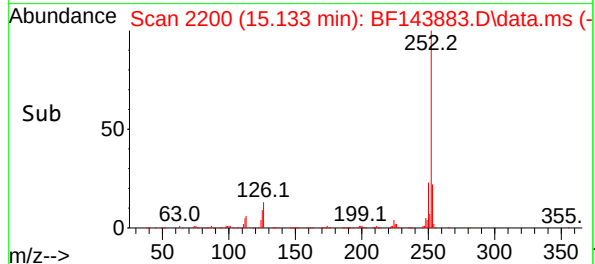
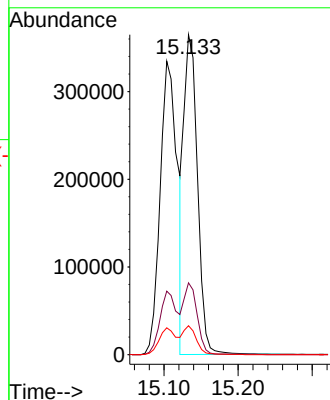
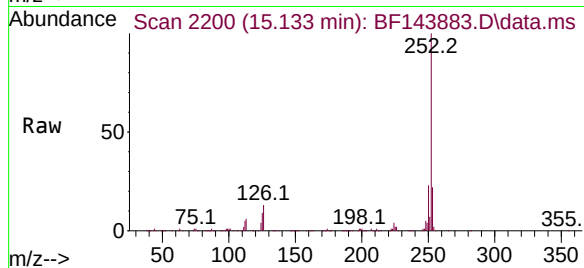
Tgt Ion:252 Resp: 467396

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 37.900 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

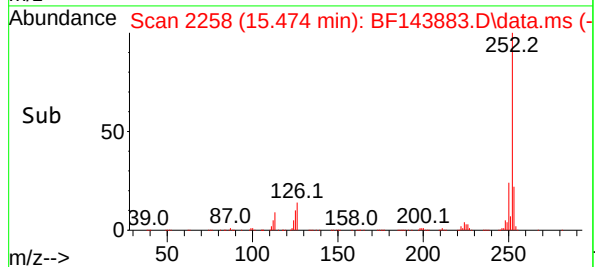
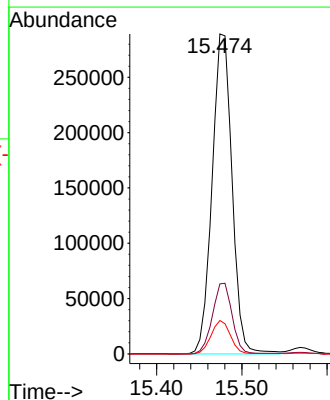
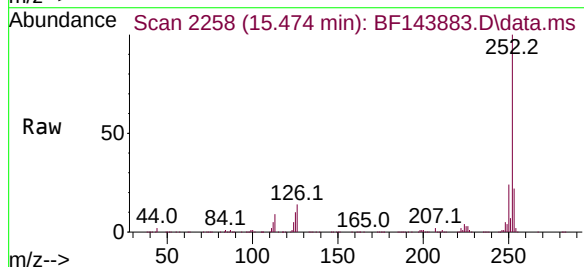
Tgt Ion:252 Resp: 470896

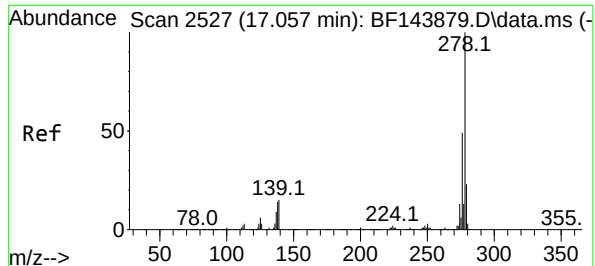
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.4 7.0 10.4





#91

Dibenzo(a,h)anthracene

Concen: 36.995 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

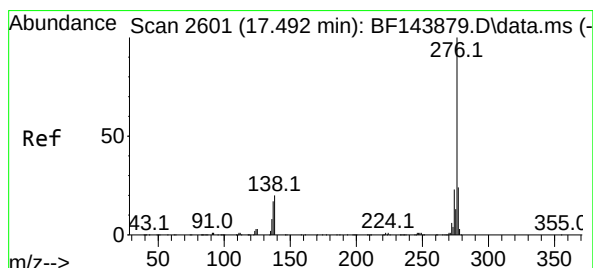
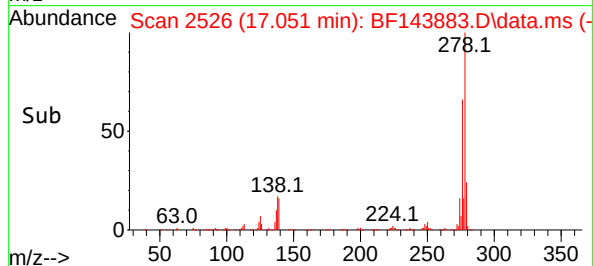
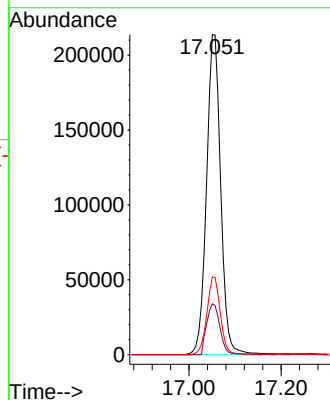
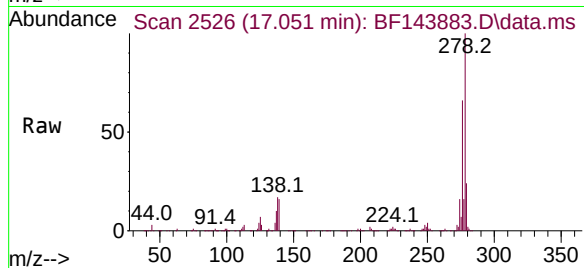
Tgt Ion:278 Resp: 454776

Ion Ratio Lower Upper

278 100

139 15.9 11.7 17.5

279 24.3 18.4 27.6



#92

Benzo(g,h,i)perylene

Concen: 37.162 ng

RT: 17.486 min Scan# 2600

Delta R.T. -0.029 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

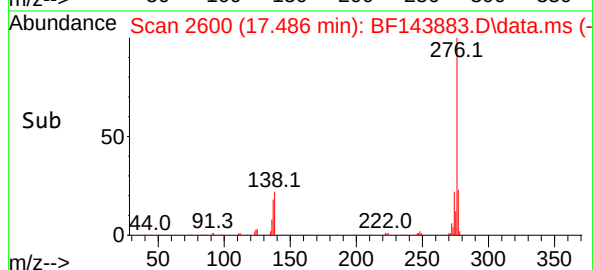
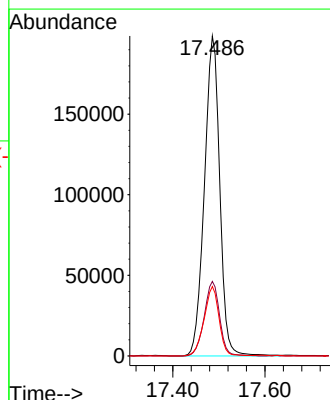
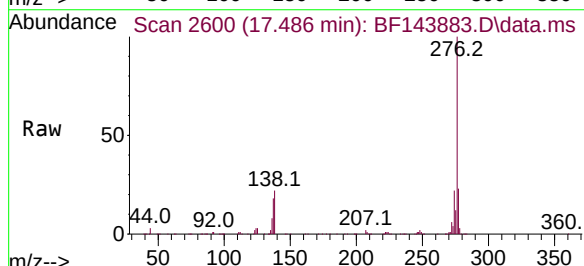
Tgt Ion:276 Resp: 456833

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 21.7 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
2	1,4-Dioxane	0.583	0.543	6.9	82	0.00
3	Pyridine	1.697	1.496	11.8	78	0.00
4	n-Nitrosodimethylamine	0.893	0.858	3.9	87	-0.03
5 S	2-Fluorophenol	1.259	1.179	6.4	83	0.00
6	Aniline	2.250	2.134	5.2	84	0.00
7 S	Phenol-d6	1.501	1.398	6.9	83	-0.02
8	2-Chlorophenol	1.231	1.173	4.7	83	0.00
9	Benzaldehyde	1.158	1.075	7.2	74	0.00
10 C	Phenol	1.795	1.683	6.2	84	-0.02
11	bis(2-Chloroethyl)ether	1.386	1.267	8.6	81	-0.01
12	1,3-Dichlorobenzene	1.474	1.394	5.4	84	0.00
13 C	1,4-Dichlorobenzene	1.454	1.395	4.1	86	0.00
14	1,2-Dichlorobenzene	1.392	1.380	0.9	88	0.00
15	Benzyl Alcohol	1.125	1.096	2.6	86	-0.01
16	2,2'-oxybis(1-Chloropropane	3.156	2.964	6.1	84	0.00
17	2-Methylphenol	1.017	0.976	4.0	85	0.00
18	Hexachloroethane	0.485	0.458	5.6	84	0.00
19 P	n-Nitroso-di-n-propylamine	1.028	0.941	8.5	84	-0.02
20	3+4-Methylphenols	1.179	1.176	0.3	85	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	94	0.00
22	Acetophenone	0.423	0.399	5.7	86	-0.01
23 S	Nitrobenzene-d5	0.329	0.306	7.0	83	-0.01
24	Nitrobenzene	0.366	0.345	5.7	82	-0.01
25	Isophorone	0.694	0.613	11.7	81	-0.02
26 C	2-Nitrophenol	0.157	0.152	3.2	82	0.00
27	2,4-Dimethylphenol	0.282	0.288	-2.1	91	-0.01
28	bis(2-Chloroethoxy)methane	0.438	0.402	8.2	85	-0.01
29 C	2,4-Dichlorophenol	0.294	0.271	7.8	83	-0.01
30	1,2,4-Trichlorobenzene	0.289	0.271	6.2	85	0.00
31	Naphthalene	0.910	0.834	8.4	84	0.00
32	Benzoic acid	0.195	0.172	11.8	80	-0.06
33	4-Chloroaniline	0.341	0.358	-5.0	94	0.00
34 C	Hexachlorobutadiene	0.201	0.177	11.9	80	0.00
35	Caprolactam	0.093	0.088	5.4	86	-0.05
36 C	4-Chloro-3-methylphenol	0.282	0.254	9.9	83	-0.01
37	2-Methylnaphthalene	0.606	0.504	16.8	76	0.00
38	1-Methylnaphthalene	0.588	0.518	11.9	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.513	7.2	83	0.00
41 P	Hexachlorocyclopentadiene	0.229	0.281	-22.7	104	0.00
42 S	2,4,6-Tribromophenol	0.199	0.178	10.6	82	0.00
43 C	2,4,6-Trichlorophenol	0.404	0.371	8.2	79	-0.01
44	2,4,5-Trichlorophenol	0.427	0.376	11.9	78	-0.01
45 S	2-Fluorobiphenyl	1.260	1.065	15.5	83	-0.01
46	1,1'-Biphenyl	1.324	1.217	8.1	84	0.00
47	2-Chloronaphthalene	1.104	1.006	8.9	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Quant Time: Oct 06 16:37:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.349	0.339	2.9	83	0.00
49	Acenaphthylene	1.552	1.585	-2.1	93	0.00
50	Dimethylphthalate	1.270	1.142	10.1	84	0.00
51	2,6-Dinitrotoluene	0.236	0.247	-4.7	90	-0.01
52 C	Acenaphthene	1.017	0.913	10.2	83	0.00
53	3-Nitroaniline	0.288	0.292	-1.4	91	-0.01
54 P	2,4-Dinitrophenol	0.118	0.107	9.3	85	-0.01
55	Dibenzofuran	1.436	1.318	8.2	84	0.00
56 P	4-Nitrophenol	0.218	0.201	7.8	82	-0.02
57	2,4-Dinitrotoluene	0.320	0.330	-3.1	86	-0.01
58	Fluorene	1.083	0.962	11.2	84	0.00
59	2,3,4,6-Tetrachlorophenol	0.302	0.291	3.6	85	-0.05
60	Diethylphthalate	1.180	1.077	8.7	84	0.00
61	4-Chlorophenyl-phenylether	0.573	0.517	9.8	83	0.00
62	4-Nitroaniline	0.277	0.257	7.2	84	-0.02
63	Azobenzene	1.233	1.136	7.9	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	0.101	0.093	7.9	82	-0.02
66 c	n-Nitrosodiphenylamine	0.628	0.575	8.4	85	-0.01
67	4-Bromophenyl-phenylether	0.221	0.188	14.9	79	0.00
68	Hexachlorobenzene	0.256	0.220	14.1	80	0.00
69	Atrazine	0.190	0.186	2.1	93	-0.01
70 C	Pentachlorophenol	0.147	0.122	17.0	75	0.00
71	Phenanthrene	0.970	0.862	11.1	86	0.00
72	Anthracene	0.980	0.888	9.4	84	0.00
73	Carbazole	0.868	0.786	9.4	86	0.00
74	Di-n-butylphthalate	1.005	0.934	7.1	86	0.00
75 C	Fluoranthene	1.002	0.902	10.0	85	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	102	0.00
77	Benzydine	0.694	0.788	-13.5	106	0.00
78	Pyrene	1.667	1.519	8.9	83	0.00
79 S	Terphenyl-d14	1.170	1.089	6.9	87	0.00
80	Butylbenzylphthalate	0.542	0.528	2.6	87	0.00
81	Benzo(a)anthracene	1.309	1.183	9.6	86	0.00
82	3,3'-Dichlorobenzidine	0.399	0.426	-6.8	99	0.00
83	Chrysene	1.211	1.144	5.5	90	0.00
84	Bis(2-ethylhexyl)phthalate	0.653	0.629	3.7	87	0.00
85 c	Di-n-octyl phthalate	1.072	0.968	9.7	83	0.00
86 I	Perylene-d12	1.000	1.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	1.225	1.129	7.8	81	-0.02
88	Benzo(b)fluoranthene	1.149	1.078	6.2	84	-0.01
89	Benzo(k)fluoranthene	1.063	0.937	11.9	84	-0.01
90 C	Benzo(a)pyrene	0.996	0.944	5.2	85	-0.01
91	Dibenzo(a,h)anthracene	0.986	0.912	7.5	80	-0.03
92	Benzo(g,h,i)perylene	0.986	0.916	7.1	81	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143883.D
Acq On : 06 Oct 2025 16:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Quant Time: Oct 06 16:37:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	92	0.00
2	1,4-Dioxane	40.000	37.256	6.9	82	0.00
3	Pyridine	40.000	35.261	11.8	78	0.00
4	n-Nitrosodimethylamine	40.000	38.456	3.9	87	-0.03
5 S	2-Fluorophenol	80.000	74.908	6.4	83	0.00
6	Aniline	40.000	37.937	5.2	84	0.00
7 S	Phenol-d6	80.000	74.487	6.9	83	-0.02
8	2-Chlorophenol	40.000	38.116	4.7	83	0.00
9	Benzaldehyde	40.000	37.141	7.1	74	0.00
10 C	Phenol	40.000	37.501	6.2	84	-0.02
11	bis(2-Chloroethyl)ether	40.000	36.561	8.6	81	-0.01
12	1,3-Dichlorobenzene	40.000	37.828	5.4	84	0.00
13 C	1,4-Dichlorobenzene	40.000	38.392	4.0	86	0.00
14	1,2-Dichlorobenzene	40.000	39.655	0.9	88	0.00
15	Benzyl Alcohol	40.000	38.974	2.6	86	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	37.568	6.1	84	0.00
17	2-Methylphenol	40.000	38.352	4.1	85	0.00
18	Hexachloroethane	40.000	37.755	5.6	84	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.612	8.5	84	-0.02
20	3+4-Methylphenols	40.000	39.880	0.3	85	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	94	0.00
22	Acetophenone	40.000	37.713	5.7	86	-0.01
23 S	Nitrobenzene-d5	80.000	74.330	7.1	83	-0.01
24	Nitrobenzene	40.000	37.727	5.7	82	-0.01
25	Isophorone	40.000	35.347	11.6	81	-0.02
26 C	2-Nitrophenol	40.000	38.717	3.2	82	0.00
27	2,4-Dimethylphenol	40.000	40.847	-2.1	91	-0.01
28	bis(2-Chloroethoxy)methane	40.000	36.639	8.4	85	-0.01
29 C	2,4-Dichlorophenol	40.000	36.899	7.8	83	-0.01
30	1,2,4-Trichlorobenzene	40.000	37.503	6.2	85	0.00
31	Naphthalene	40.000	36.679	8.3	84	0.00
32	Benzoic acid	40.000	35.162	12.1	80	-0.06
33	4-Chloroaniline	40.000	41.950	-4.9	94	0.00
34 C	Hexachlorobutadiene	40.000	35.201	12.0	80	0.00
35	Caprolactam	40.000	37.736	5.7	86	-0.05
36 C	4-Chloro-3-methylphenol	40.000	36.079	9.8	83	-0.01
37	2-Methylnaphthalene	40.000	33.257	16.9	76	0.00
38	1-Methylnaphthalene	40.000	35.269	11.8	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	37.122	7.2	83	0.00
41 P	Hexachlorocyclopentadiene	40.000	48.984	-22.5	104	0.00
42 S	2,4,6-Tribromophenol	80.000	71.685	10.4	82	0.00
43 C	2,4,6-Trichlorophenol	40.000	36.726	8.2	79	-0.01
44	2,4,5-Trichlorophenol	40.000	35.194	12.0	78	-0.01
45 S	2-Fluorobiphenyl	80.000	67.621	15.5	83	-0.01
46	1,1'-Biphenyl	40.000	36.770	8.1	84	0.00
47	2-Chloronaphthalene	40.000	36.454	8.9	84	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	38.894	2.8	83	0.00
49	Acenaphthylene	40.000	40.859	-2.1	93	0.00
50	Dimethylphthalate	40.000	35.968	10.1	84	0.00
51	2,6-Dinitrotoluene	40.000	41.967	-4.9	90	-0.01
52 C	Acenaphthene	40.000	35.913	10.2	83	0.00
53	3-Nitroaniline	40.000	40.493	-1.2	91	-0.01
54 P	2,4-Dinitrophenol	40.000	33.731	15.7	85	-0.01
55	Dibenzofuran	40.000	36.717	8.2	84	0.00
56 P	4-Nitrophenol	40.000	36.850	7.9	82	-0.02
57	2,4-Dinitrotoluene	40.000	41.169	-2.9	86	-0.01
58	Fluorene	40.000	35.527	11.2	84	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	38.488	3.8	85	-0.05
60	Diethylphthalate	40.000	36.501	8.7	84	0.00
61	4-Chlorophenyl-phenylether	40.000	36.113	9.7	83	0.00
62	4-Nitroaniline	40.000	37.074	7.3	84	-0.02
63	Azobenzene	40.000	36.837	7.9	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	97	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.083	7.3	82	-0.02
66 c	n-Nitrosodiphenylamine	40.000	36.649	8.4	85	-0.01
67	4-Bromophenyl-phenylether	40.000	33.973	15.1	79	0.00
68	Hexachlorobenzene	40.000	34.415	14.0	80	0.00
69	Atrazine	40.000	39.016	2.5	93	-0.01
70 C	Pentachlorophenol	40.000	33.097	17.3	75	0.00
71	Phenanthrene	40.000	35.542	11.1	86	0.00
72	Anthracene	40.000	36.273	9.3	84	0.00
73	Carbazole	40.000	36.246	9.4	86	0.00
74	Di-n-butylphthalate	40.000	37.171	7.1	86	0.00
75 C	Fluoranthene	40.000	36.019	10.0	85	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	102	0.00
77	Benzidine	40.000	45.411	-13.5	106	0.00
78	Pyrene	40.000	36.431	8.9	83	0.00
79 S	Terphenyl-d14	80.000	74.443	6.9	87	0.00
80	Butylbenzylphthalate	40.000	38.986	2.5	87	0.00
81	Benzo(a)anthracene	40.000	36.142	9.6	86	0.00
82	3,3'-Dichlorobenzidine	40.000	42.747	-6.9	99	0.00
83	Chrysene	40.000	37.792	5.5	90	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	38.560	3.6	87	0.00
85 c	Di-n-octyl phthalate	40.000	36.116	9.7	83	0.00
86 I	Perylene-d12	20.000	20.000	0.0	99	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	36.867	7.8	81	-0.02
88	Benzo(b)fluoranthene	40.000	37.533	6.2	84	-0.01
89	Benzo(k)fluoranthene	40.000	35.252	11.9	84	-0.01
90 C	Benzo(a)pyrene	40.000	37.900	5.3	85	-0.01
91	Dibenzo(a,h)anthracene	40.000	36.995	7.5	80	-0.03
92	Benzo(g,h,i)perylene	40.000	37.162	7.1	81	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
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Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG No.: Q3266Instrument ID: BNA_PCalibration Date(s): 09/11/2025 09/11/2025Calibration Time(s): 08:56 15:20

LAB FILE ID:		RRF2.5 = BP025725.D			RRF005 = BP025726.D		RRF010 = BP025727.D	
		RRF020 = BP025728.D			RRF040 = BP025729.D		RRF060 = BP025731.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2-Fluorophenol		1.139	1.123	1.320	1.362	1.238	1.240	7.2
Benzaldehyde			1.037	0.748	0.875	1.077	0.987	16.2
Phenol-d6		1.391	1.460	1.793	1.861	1.658	1.648	10.3
Phenol		1.512	1.525	1.848	1.964	1.751	1.737	9.6
bis(2-Chloroethyl)ether		1.313	1.222	1.508	1.555	1.368	1.396	8.2
2-Chlorophenol		1.229	1.196	1.448	1.508	1.366	1.360	8.3
2-Methylphenol		0.973	1.030	1.268	1.319	1.185	1.171	10.7
2,2-oxybis(1-Chloropropane)		2.241	2.133	2.476	2.493	2.164	2.283	6.5
Acetophenone		0.474	0.488	0.583	0.588	0.538	0.534	8.2
3+4-Methylphenols			1.352	1.721	1.819	1.625	1.640	9.6
n-Nitroso-di-n-propylamine	0.961	1.032	1.047	1.300	1.320	1.151	1.149	11.3
Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.455	0.453	7.4
Hexachloroethane		0.603	0.557	0.633	0.647	0.588	0.602	5.2
Nitrobenzene		0.366	0.363	0.440	0.449	0.411	0.407	8.2
Isophorone		0.737	0.726	0.862	0.860	0.791	0.797	6.8
2-Nitrophenol		0.141	0.154	0.190	0.203	0.192	0.181	12.9
2,4-Dimethylphenol		0.263	0.286	0.345	0.356	0.320	0.317	10.2
bis(2-Chloroethoxy)methane		0.414	0.423	0.510	0.498	0.452	0.461	7.8
2,4-Dichlorophenol		0.267	0.270	0.339	0.349	0.327	0.316	10.7
Naphthalene		1.072	1.028	1.164	1.147	1.044	1.078	5.4
4-Chloroaniline		0.343	0.391	0.489	0.510	0.465	0.449	13.3
Hexachlorobutadiene		0.226	0.219	0.247	0.242	0.226	0.229	5.0
Caprolactam			0.105	0.127	0.132	0.120	0.122	7.5
4-Chloro-3-methylphenol		0.328	0.338	0.406	0.414	0.377	0.377	8.7
2-Methylnaphthalene		0.662	0.639	0.758	0.747	0.677	0.693	6.5
Hexachlorocyclopentadiene			0.225	0.326	0.380	0.347	0.330	16.4
2,4,6-Trichlorophenol		0.340	0.354	0.435	0.445	0.409	0.398	9.9
2-Fluorobiphenyl		1.563	1.470	1.655	1.596	1.434	1.502	7.5
2,4,5-Trichlorophenol		0.375	0.389	0.482	0.501	0.457	0.443	10.4
1,1-Biphenyl		1.458	1.375	1.599	1.587	1.425	1.468	6.4
2-Chloronaphthalene		1.140	1.090	1.252	1.240	1.132	1.156	6.0
2-Nitroaniline		0.309	0.332	0.416	0.439	0.402	0.385	12.1
Dimethylphthalate		1.545	1.433	1.682	1.659	1.446	1.527	7.0
Acenaphthylene		1.877	1.791	2.095	2.058	1.871	1.915	6.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG No.: Q3266Instrument ID: BNA_PCalibration Date(s): 09/11/2025 09/11/2025Calibration Time(s): 08:56 15:20

LAB FILE ID:		RRF2.5 = BP025725.D			RRF005 = BP025726.D		RRF010 = BP025727.D	
		RRF020 = BP025728.D			RRF040 = BP025729.D		RRF060 = BP025731.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
2,6-Dinitrotoluene		0.286	0.291	0.353	0.358	0.330	0.324	8.6
3-Nitroaniline		0.266	0.282	0.370	0.394	0.357	0.340	13.9
Acenaphthene		1.129	1.052	1.207	1.195	1.055	1.104	6.8
2,4-Dinitrophenol			0.108	0.173	0.209	0.201	0.183	21.4
4-Nitrophenol			0.148	0.255	0.307	0.280	0.258	22.0
Dibenzofuran		1.834	1.754	1.967	1.922	1.719	1.800	6.4
2,4-Dinitrotoluene		0.382	0.398	0.501	0.521	0.471	0.460	11.3
Diethylphthalate		1.573	1.472	1.697	1.644	1.473	1.549	6.0
4-Chlorophenyl-phenylether		0.755	0.699	0.791	0.769	0.681	0.721	7.1
Fluorene		1.485	1.382	1.579	1.546	1.350	1.431	7.5
4-Nitroaniline		0.258	0.281	0.381	0.404	0.376	0.349	15.9
4,6-Dinitro-2-methylphenol			0.093	0.135	0.151	0.137	0.133	15.1
n-Nitrosodiphenylamine		0.597	0.573	0.681	0.664	0.594	0.612	7.9
2,4,6-Tribromophenol		0.227	0.227	0.270	0.277	0.249	0.249	7.7
4-Bromophenyl-phenylether		0.213	0.202	0.240	0.238	0.213	0.220	6.8
Hexachlorobenzene		0.243	0.230	0.266	0.261	0.236	0.245	5.8
Atrazine		0.215	0.210	0.260	0.260	0.227	0.234	8.5
Pentachlorophenol			0.132	0.168	0.179	0.161	0.162	9.8
Phenanthrene		1.163	1.095	1.247	1.213	1.065	1.135	7.0
Anthracene		1.120	1.086	1.280	1.237	1.107	1.151	7.4
Carbazole		0.994	0.998	1.185	1.173	1.038	1.070	7.8
Di-n-butylphthalate		1.232	1.213	1.468	1.438	1.281	1.313	8.0
Fluoranthene		1.387	1.294	1.511	1.447	1.293	1.361	7.0
Pyrene		1.307	1.243	1.444	1.430	1.308	1.335	5.7
Terphenyl-d14		1.133	1.093	1.198	1.177	1.054	1.112	5.8
Butylbenzylphthalate		0.519	0.511	0.636	0.647	0.587	0.585	9.0
3,3-Dichlorobenzidine			0.425	0.499	0.518	0.468	0.473	7.4
Benzo (a) anthracene		1.346	1.302	1.471	1.453	1.330	1.369	5.0
Chrysene		1.316	1.253	1.397	1.375	1.268	1.305	5.1
Bis (2-ethylhexyl) phthalate		0.800	0.781	0.930	0.945	0.857	0.856	7.3
Di-n-octyl phthalate			1.315	1.604	1.670	1.513	1.523	7.9
Benzo (b) fluoranthene		1.124	1.145	1.304	1.336	1.216	1.223	6.5
Benzo (k) fluoranthene		1.228	1.170	1.367	1.341	1.220	1.248	6.5
Benzo (a) pyrene		1.131	1.100	1.276	1.307	1.208	1.198	6.5
Indeno (1,2,3-cd) pyrene		1.340	1.334	1.533	1.596	1.485	1.454	7.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: CAMP02Lab Code: ACESDG No.: Q3266Instrument ID: BNA_PCalibration Date(s): 09/11/2025 09/11/2025Calibration Time(s): 08:56 15:20

LAB FILE ID:		RRF2.5 = BP025725.D			RRF005 = BP025726.D		RRF010 = BP025727.D	
		RRF020 = BP025728.D			RRF040 = BP025729.D		RRF060 = BP025731.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
Dibenzo(a,h)anthracene		1.116	1.075	1.254	1.297	1.208	1.190	6.8
Benzo(g,h,i)perylene		1.090	1.078	1.225	1.267	1.197	1.171	6.2
1,2,4,5-Tetrachlorobenzene		0.590	0.561	0.653	0.660	0.604	0.606	6.3
1,4-Dioxane		0.565	0.497	0.558	0.546	0.493	0.520	7.0
2,3,4,6-Tetrachlorophenol		0.362	0.361	0.434	0.446	0.393	0.399	8.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP091225.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Thu Sep 11 16:45:04 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP025732.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02
3)	Pyridine		1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23
4)	n-Nitrosodimet...			0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26
5) S	2-Fluorophenol		1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19
6)	Aniline		1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42
7) S	Phenol-d6		1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33
8)	2-Chlorophenol		1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28
9)	Benzaldehyde			1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23
10) C	Phenol		1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59
11)	bis(2-Chloroet...		1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20
12)	1,3-Dichlorobe...		1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87
13) C	1,4-Dichlorobe...		1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63
14)	1,2-Dichlorobe...		1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64
15)	Benzyl Alcohol			1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49
16)	2,2'-oxybis(1-...		2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47
17)	2-Methylphenol		0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72
18)	Hexachloroethane		0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18
19) P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)	3+4-Methylphenols			1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19
23) S	Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43
24)	Nitrobenzene		0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15
25)	Isophorone		0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76
26) C	2-Nitrophenol		0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86
27)	2,4-Dimethylph...		0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24
28)	bis(2-Chloroet...		0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83
29) C	2,4-Dichloroph...		0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66
30)	1,2,4-Trichlor...		0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60
31)	Naphthalene		1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41
32)	Benzoic acid			0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62
33)	4-Chloroaniline		0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27
34) C	Hexachlorobuta...		0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97
35)	Caprolactam			0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52
36) C	4-Chloro-3-met...		0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72
37)	2-Methylnaphth...		0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47
38)	1-Methylnaphth...		0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP091225.M

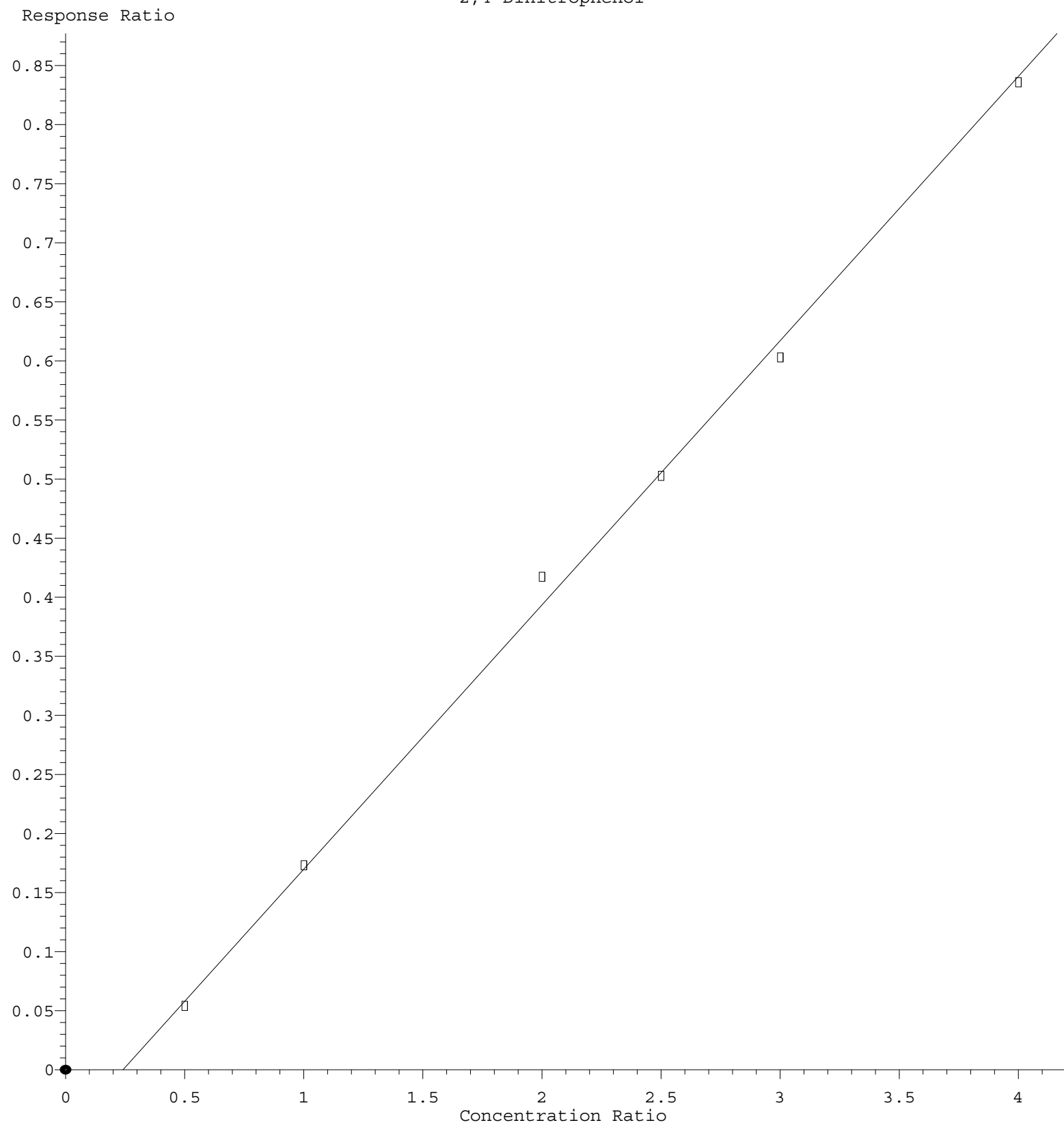
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33	
41) P	Hexachlorocycl...	0.225	0.326	0.380	0.351	0.347	0.351	0.330		16.40	
42) S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67	
43) C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86	
44)	2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43	
45) S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50	
46)	1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37	
47)	2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96	
48)	2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14	
49)	Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12	
50)	Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95	
51)	2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57	
52) C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80	
53)	3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91	
54) P	2,4-Dinitrophenol	0.108	0.173	0.209	0.201	0.201	0.201	0.209	0.183	21.35	
55)	Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39	
56) P	4-Nitrophenol	0.148	0.255	0.307	0.273	0.280	0.288	0.258		22.01	
57)	2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27	
58)	Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46	
59)	2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21	
60)	Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98	
61)	4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07	
62)	4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91	
63)	Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.093	0.135	0.151	0.143	0.137	0.139	0.133		15.14	
66) c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88	
67)	4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85	
68)	Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77	
69)	Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54	
70) C	Pentachlorophenol	0.132	0.168	0.179	0.167	0.161	0.163	0.162		9.85	
71)	Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96	
72)	Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39	
73)	Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82	
74)	Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00	
75) C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.523	0.537	0.653	0.631	0.578	0.536	0.576		9.47	
78)	Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71	
79) S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78	
80)	Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02	
81)	Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02	
82)	3,3'-Dichlorob...	0.425	0.499	0.518	0.488	0.468	0.442	0.473		7.45	
83)	Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11	
84)	Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31	
85) c	Di-n-octyl pht...	1.315	1.604	1.670	1.531	1.513	1.504	1.523		7.87	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

		-----ISTD-----								
86) I	Perylene-d12									
87)	Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)	Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)	Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90) C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)	Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)	Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = Out of Range

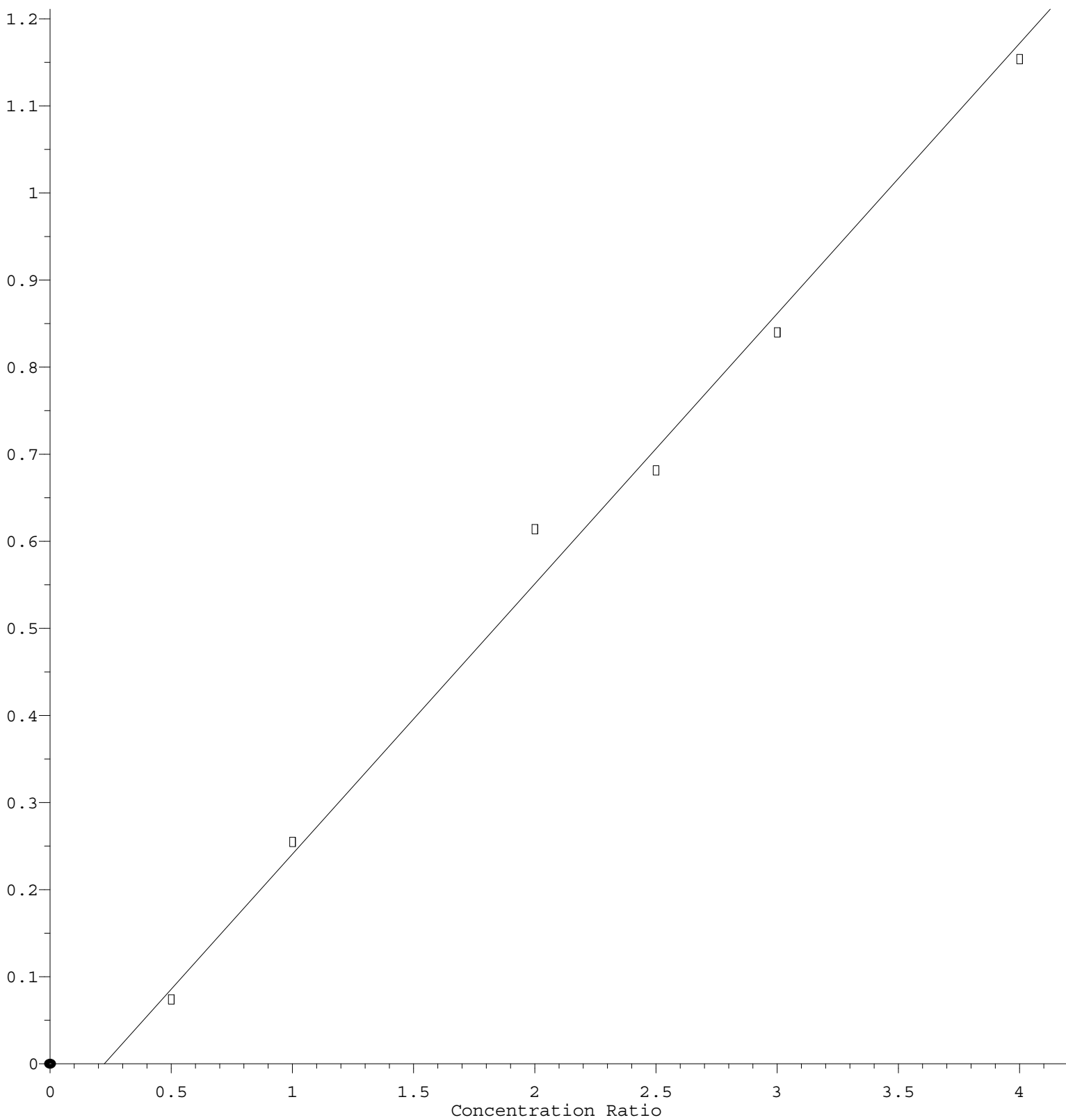
2,4-Dinitrophenol



Response = 2.238e-001 * Amt - 5.399e-002
 Coef of Det (r^2) = 0.998392 Curve Fit: wlr(1/a)
 Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
 Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

4-Nitrophenol

Response Ratio



$$\text{Response} = 3.103\text{e-}001 * \text{Amt} - 6.955\text{e-}002$$

Coef of Det (r^2) = 0.993923 Curve Fit: wlr(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M

Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025725.D
 Acq On : 11 Sep 2025 08:56
 Operator : CG/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:18:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	120353	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	495839	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	354286	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	772731	20.000	ng	0.00
76) Chrysene-d12	21.624	240	878437	20.000	ng	-0.02
86) Perylene-d12	25.001	264	947867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.549	70	14459m	2.116	ng	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

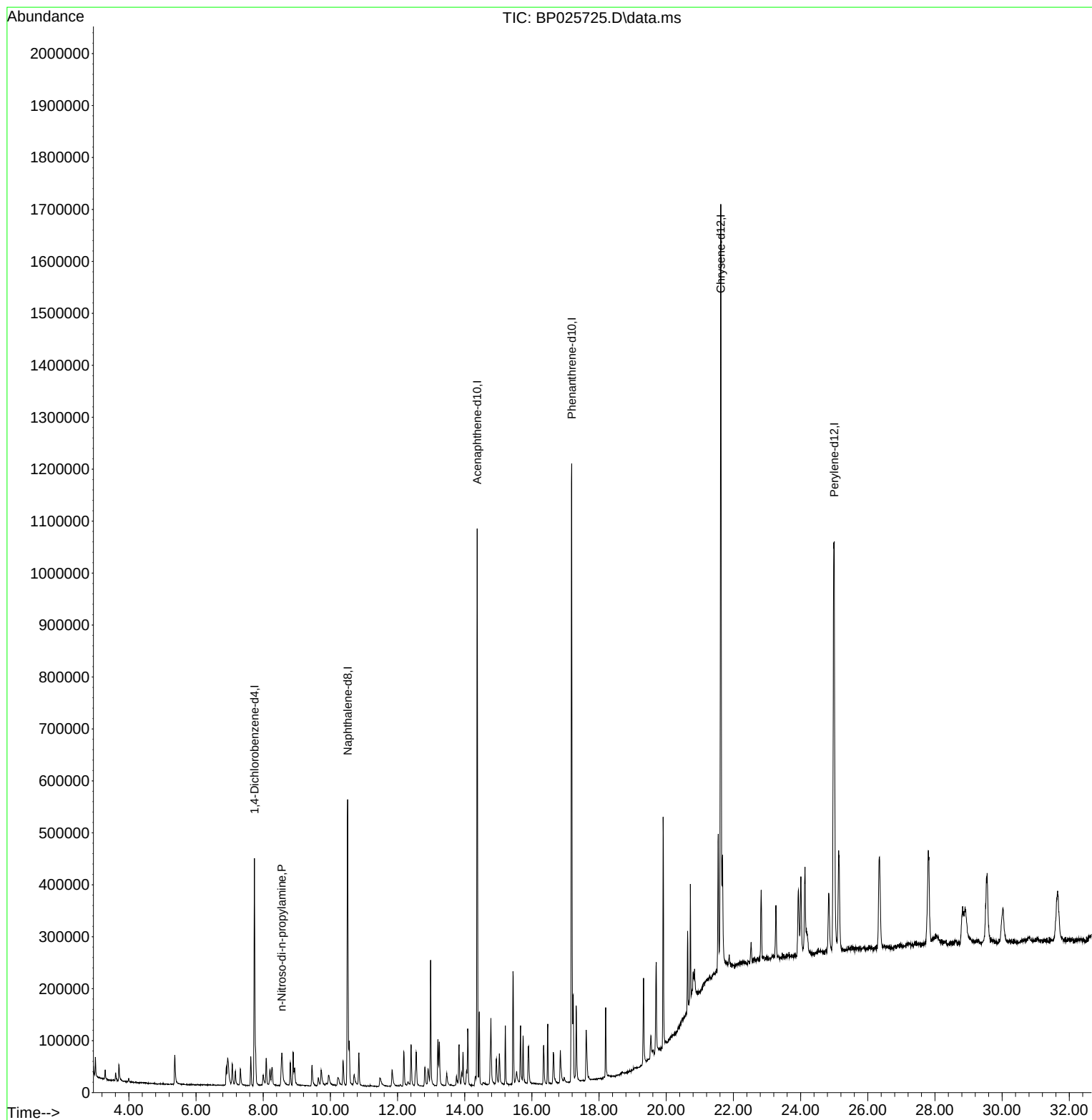
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025725.D
Acq On : 11 Sep 2025 08:56
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

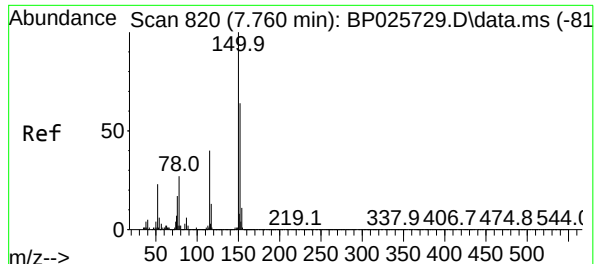
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

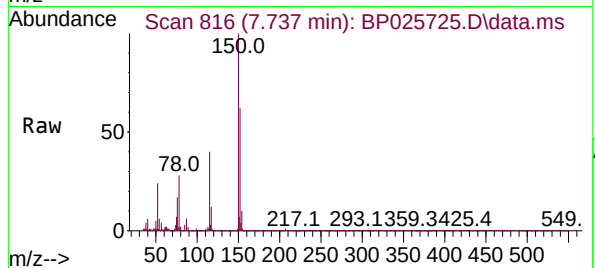
Quant Time: Sep 11 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

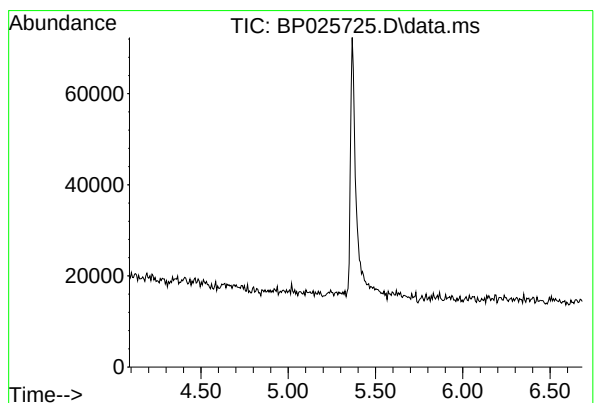
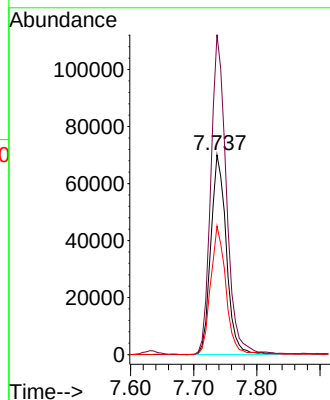
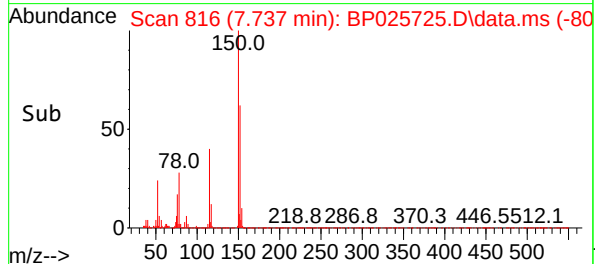
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5



Tgt Ion:152 Resp: 12035
Ion Ratio Lower Upper
152 100
150 160.2 124.3 186.5
115 64.4 50.3 75.5

Manual Integrations
APPROVED

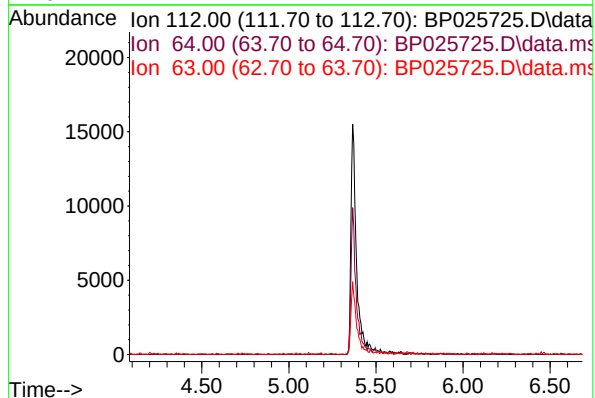
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.38 min

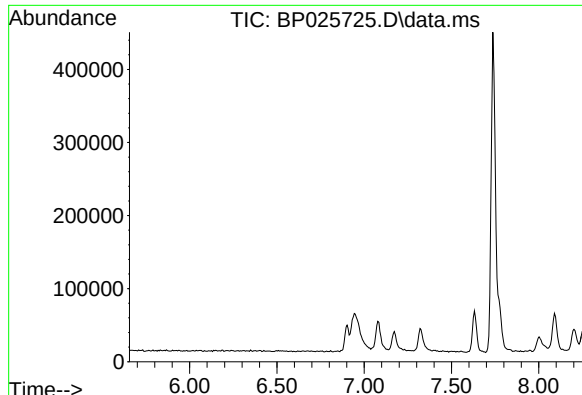
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 112
Sig Exp Ratio
112 100
64 62.8
63 33.4



Ion 64.00 (63.70 to 64.70): BP025725.D\data.ms

Ion 63.00 (62.70 to 63.70): BP025725.D\data.ms



#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min

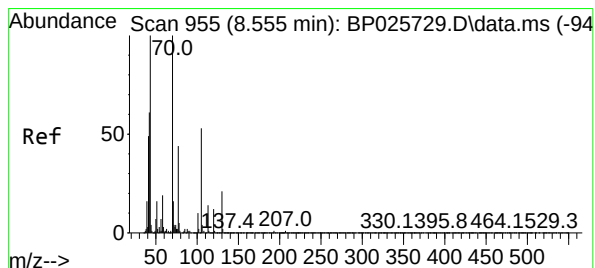
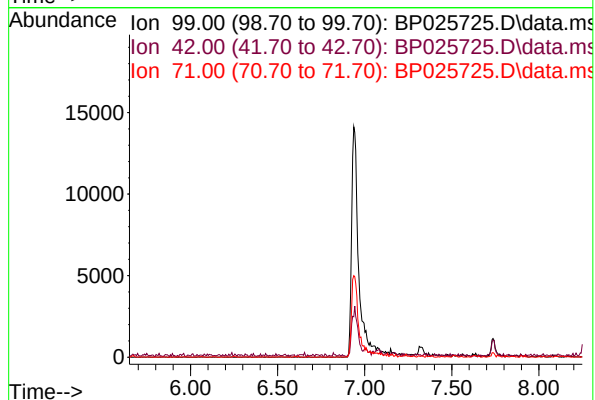
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 99
Sig Exp Ratio
99 100
42 19.5
71 35.8

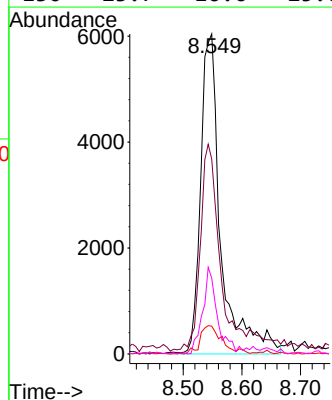
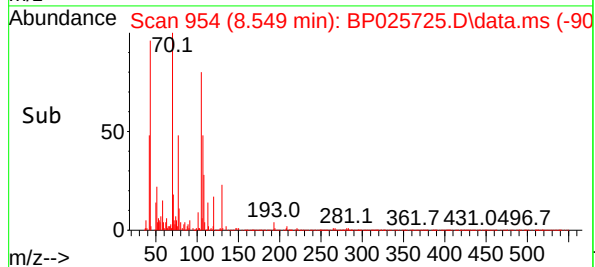
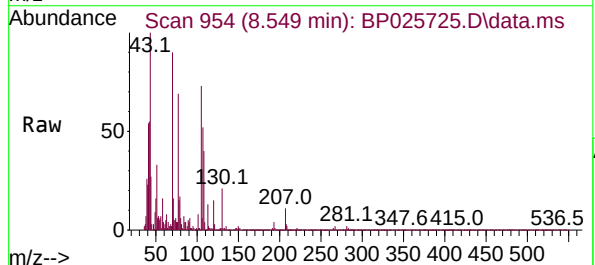
Manual Integrations
APPROVED

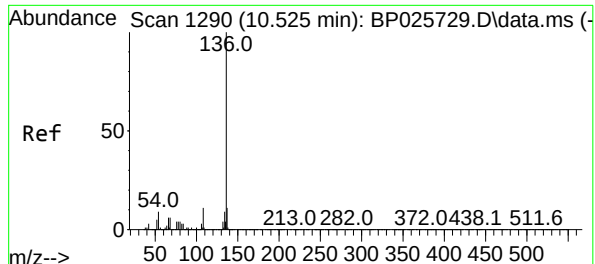
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#19
n-Nitroso-di-n-propylamine
Concen: 2.116 ng m
RT: 8.549 min Scan# 954
Delta R.T. -0.006 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 70 Resp: 14459
Ion Ratio Lower Upper
70 100
42 60.9 49.0 73.4
101 8.7 7.9 11.9
130 23.7 16.6 25.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.513 min Scan# 11

Delta R.T. -0.012 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 495839

Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 9.4 7.5 11.3

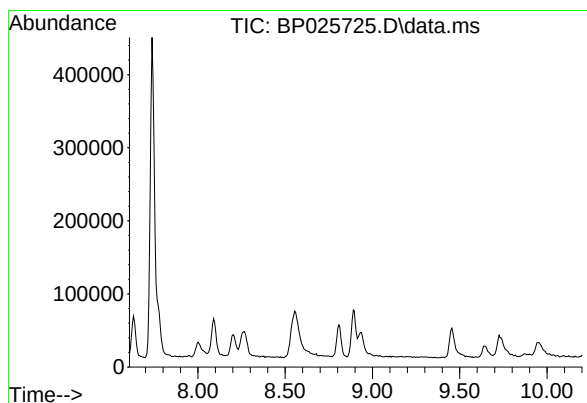
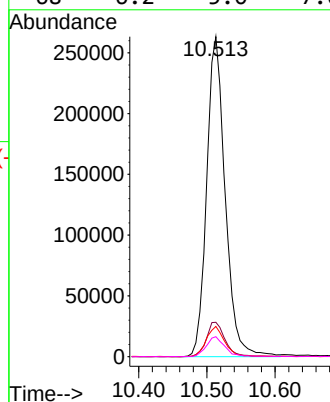
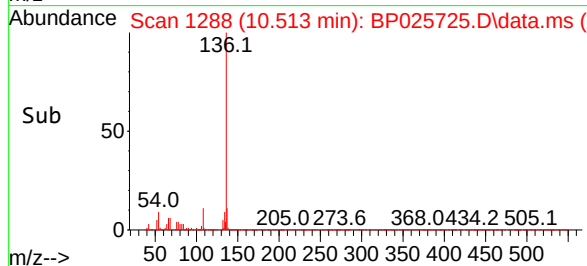
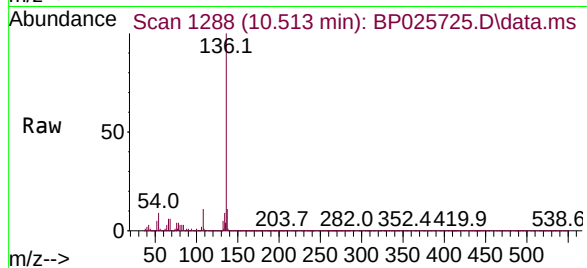
68 6.2 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 8.90 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

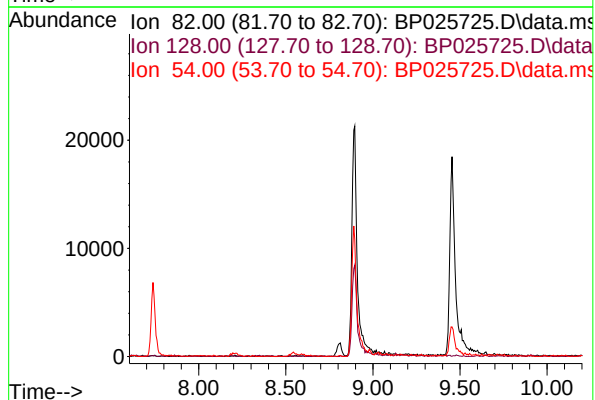
Tgt Ion: 82

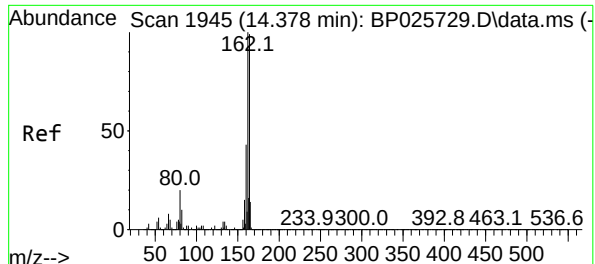
Sig Exp Ratio

82 100

128 41.1

54 54.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025725.D

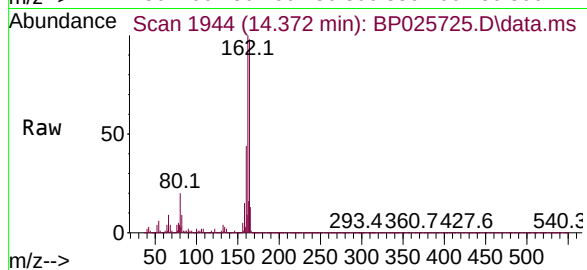
Acq: 11 Sep 2025 08:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:164 Resp: 354286

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

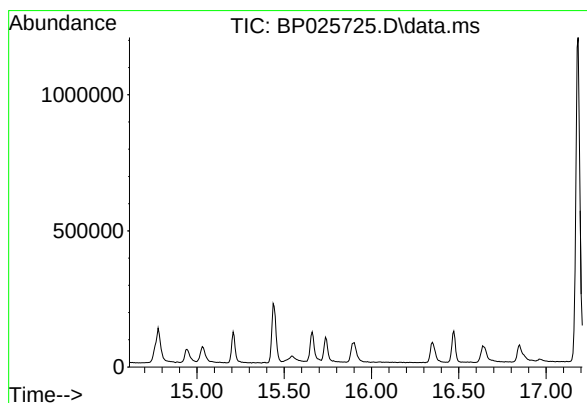
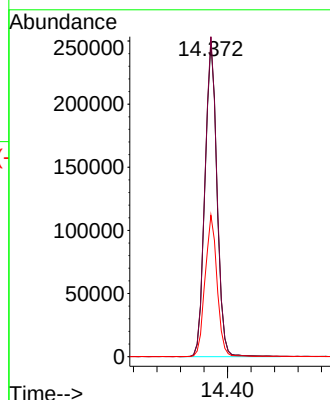
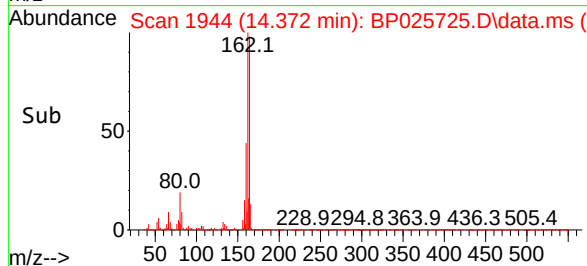
160 45.0 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 15.91 min

Lab File: BP025725.D

Acq: 11 Sep 2025 08:56

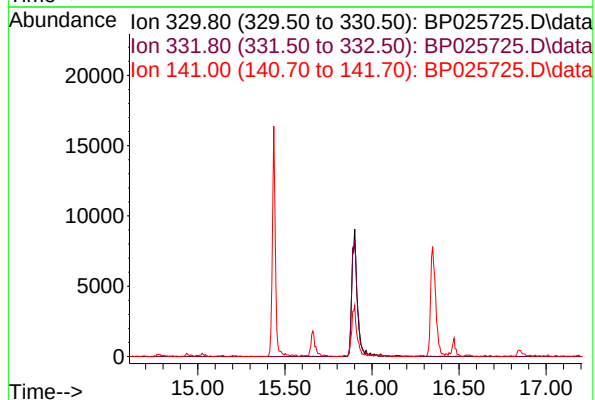
Tgt Ion: 330

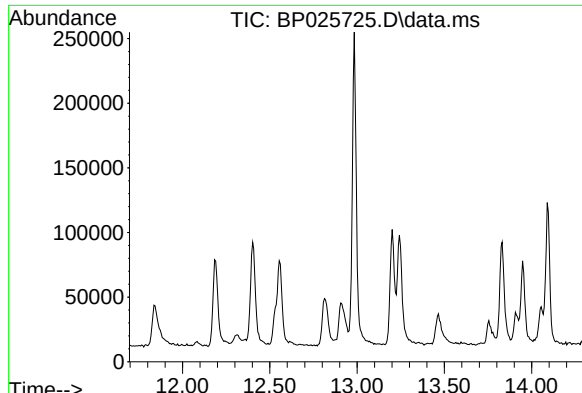
Sig Exp Ratio

330 100

332 96.1

141 38.7





#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.99 min

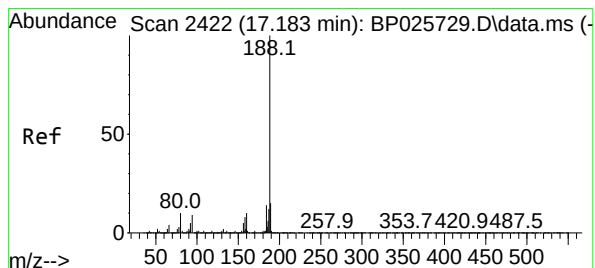
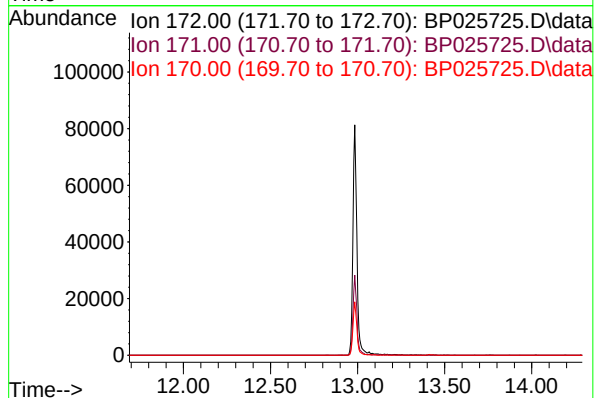
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.7
170 23.2

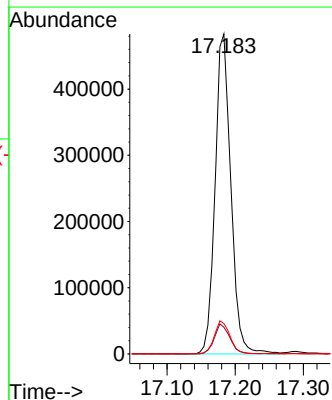
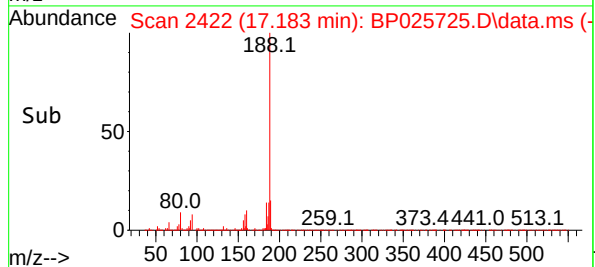
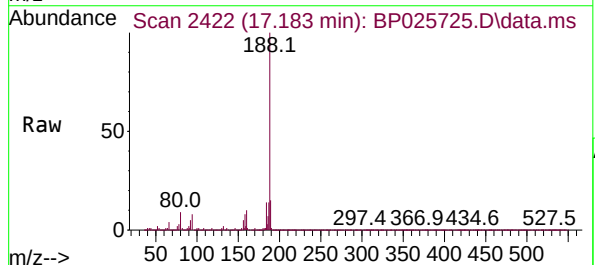
Manual Integrations
APPROVED

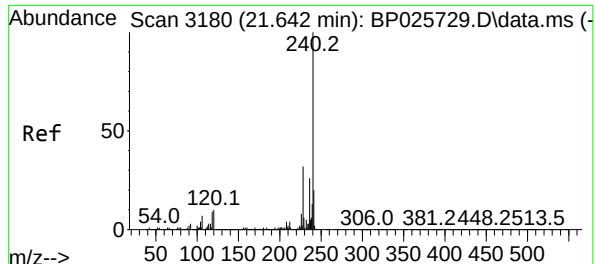
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

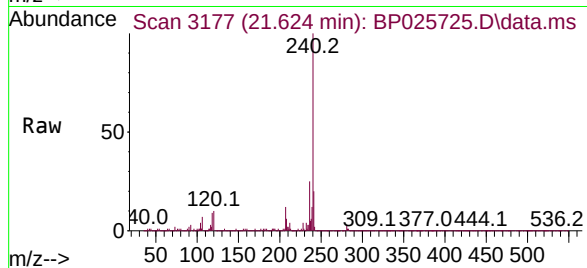
Tgt Ion:188 Resp: 772731
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.0
80 9.5 7.7 11.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

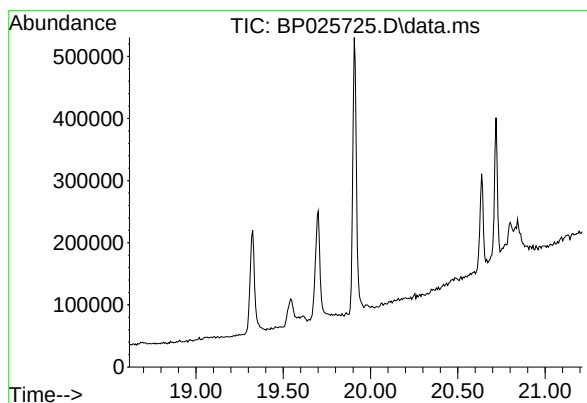
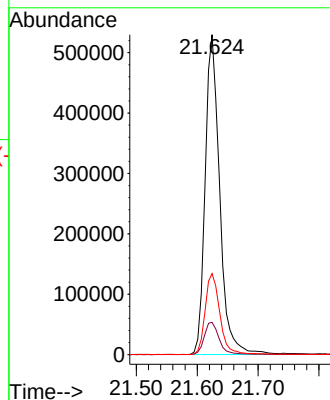
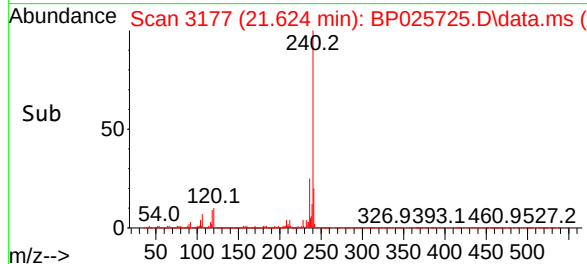
Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5



Tgt Ion: 240 Resp: 87843
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.3 20.7 31.1

Manual Integrations
APPROVED

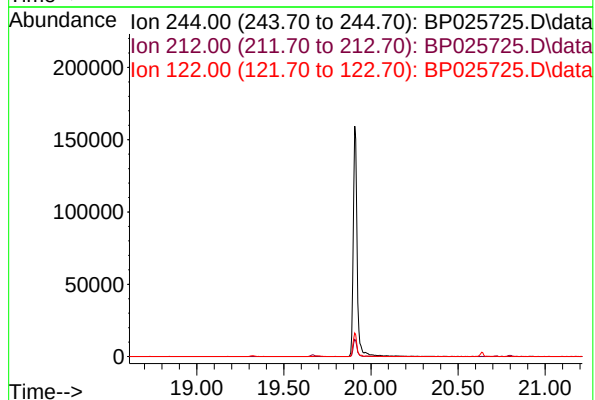
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.91 min

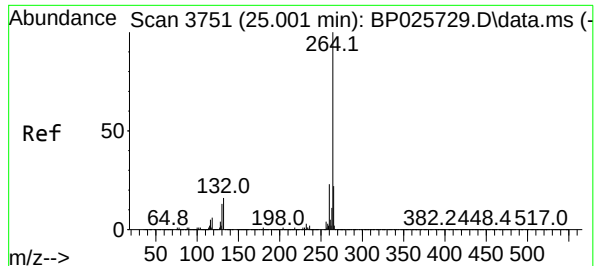
Lab File: BP025725.D
Acq: 11 Sep 2025 08:56

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.4
122 8.9



Ion 212.00 (211.70 to 212.70): BP025725.D\data

Ion 122.00 (121.70 to 122.70): BP025725.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.001 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP025725.D

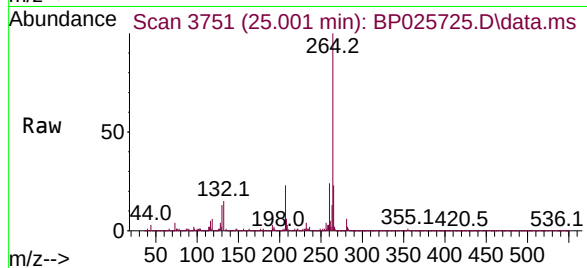
Acq: 11 Sep 2025 08:56

Instrument :

BNA_P

ClientSampleId :

SSTDICC2.5



Tgt Ion:264 Resp: 947862

Ion Ratio Lower Upper

264 100

260 24.4 18.3 27.5

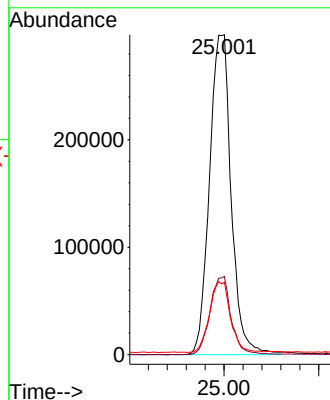
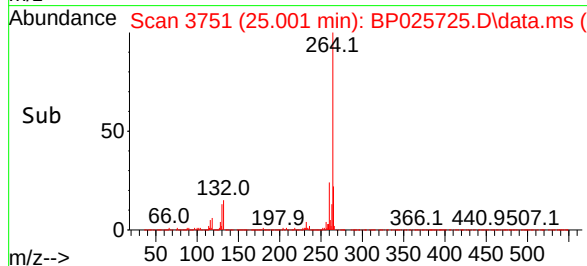
265 22.7 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025726.D
 Acq On : 11 Sep 2025 09:37
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	118553	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	483637	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	340469	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	730553	20.000	ng	0.00
76) Chrysene-d12	21.630	240	824671	20.000	ng	-0.01
86) Perylene-d12	24.995	264	899115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	67503	9.187	ng	0.00
7) Phenol-d6	6.949	99	82479	8.446	ng	0.00
23) Nitrobenzene-d5	8.907	82	100673	9.182	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	38610	9.092	ng	0.00
45) 2-Fluorobiphenyl	12.990	172	266136	10.408	ng	0.00
79) Terphenyl-d14	19.901	244	466997	10.187	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	16745	5.430	ng	98
3) Pyridine	3.714	79	40793	4.804	ng	97
6) Aniline	7.096	93	58671	4.376	ng	96
8) 2-Chlorophenol	7.337	128	36433	4.520	ng	97
10) Phenol	6.978	94	44799	4.350	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	38920	4.704	ng	94
12) 1,3-Dichlorobenzene	7.649	146	45950	5.009	ng	96
13) 1,4-Dichlorobenzene	7.796	146	45935	4.916	ng	99
14) 1,2-Dichlorobenzene	8.113	146	45308	4.991	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	66422	4.909	ng	94
17) 2-Methylphenol	8.208	107	28845	4.155	ng	97
18) Hexachloroethane	8.825	117	17883	5.010	ng	98
19) n-Nitroso-di-n-propyla...	8.555	70	30598	4.546	ng	100
22) Acetophenone	8.578	105	57314	4.434	ng	# 96
24) Nitrobenzene	8.949	77	44286	4.502	ng	98
25) Isophorone	9.466	82	89058	4.621	ng	98
26) 2-Nitrophenol	9.660	139	17076	3.910	ng	92
27) 2,4-Dimethylphenol	9.731	122	31764	4.146	ng	99
28) bis(2-Chloroethoxy)met...	9.954	93	50074	4.495	ng	96
29) 2,4-Dichlorophenol	10.219	162	32238	4.220	ng	92
30) 1,2,4-Trichlorobenzene	10.396	180	42918	4.985	ng	96
31) Naphthalene	10.584	128	129655	4.972	ng	100
33) 4-Chloroaniline	10.707	127	41517	3.820	ng	96
34) Hexachlorobutadiene	10.866	225	27333	4.932	ng	94
36) 4-Chloro-3-methylphenol	11.837	107	39611	4.350	ng	97
37) 2-Methylnaphthalene	12.190	142	80091	4.782	ng	98
38) 1-Methylnaphthalene	12.407	142	87800	4.916	ng	97
40) 1,2,4,5-Tetrachloroben...	12.566	216	50181	4.864	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	28904	4.262	ng	95
44) 2,4,5-Trichlorophenol	12.901	196	31943	4.232	ng	96
46) 1,1'-Biphenyl	13.201	154	124080	4.965	ng	97
47) 2-Chloronaphthalene	13.248	162	97044	4.932	ng	96
48) 2-Nitroaniline	13.460	65	26322	4.013	ng	95
49) Acenaphthylene	14.095	152	159767	4.900	ng	99
50) Dimethylphthalate	13.831	163	131492	5.059	ng	99
51) 2,6-Dinitrotoluene	13.948	165	24324	4.417	ng	# 81

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025726.D
 Acq On : 11 Sep 2025 09:37
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:19:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.437	154	96066	5.109	ng	97
53) 3-Nitroaniline	14.301	138	22660	3.913	ng	94
55) Dibenzofuran	14.784	168	156097	5.094	ng	99
57) 2,4-Dinitrotoluene	14.748	165	32480	4.144	ng	90
58) Fluorene	15.442	166	126434	5.189	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.025	232	30771	4.525	ng	96
60) Diethylphthalate	15.213	149	133865	5.077	ng	98
61) 4-Chlorophenyl-phenyle...	15.437	204	64305	5.236	ng	96
62) 4-Nitroaniline	15.489	138	21996m	3.710	ng	
63) Azobenzene	15.737	77	120979	4.745	ng	97
66) n-Nitrosodiphenylamine	15.660	169	108999	4.875	ng	98
67) 4-Bromophenyl-phenylether	16.354	248	38933	4.851	ng	99
68) Hexachlorobenzene	16.472	284	44390	4.960	ng	98
69) Atrazine	16.642	200	39255	4.593	ng	96
71) Phenanthrene	17.225	178	212489	5.127	ng	99
72) Anthracene	17.325	178	204585	4.866	ng	99
73) Carbazole	17.619	167	181532	4.644	ng	99
74) Di-n-butylphthalate	18.195	149	225100	4.692	ng	100
75) Fluoranthene	19.319	202	253297	5.096	ng	100
78) Pyrene	19.701	202	269369	4.895	ng	99
80) Butylbenzylphthalate	20.630	149	107059	4.437	ng	99
81) Benzo(a)anthracene	21.607	228	277557	4.916	ng	99
83) Chrysene	21.683	228	271250	5.040	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	164937	4.673	ng	100
87) Indeno(1,2,3-cd)pyrene	28.801	276	301229	4.607	ng	# 89
88) Benzo(b)fluoranthene	23.913	252	252672	4.595	ng	98
89) Benzo(k)fluoranthene	23.983	252	275940	4.918	ng	100
90) Benzo(a)pyrene	24.824	252	254148	4.720	ng	98
91) Dibenzo(a,h)anthracene	28.877	278	250801	4.687	ng	98
92) Benzo(g,h,i)perylene	29.983	276	245079	4.657	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

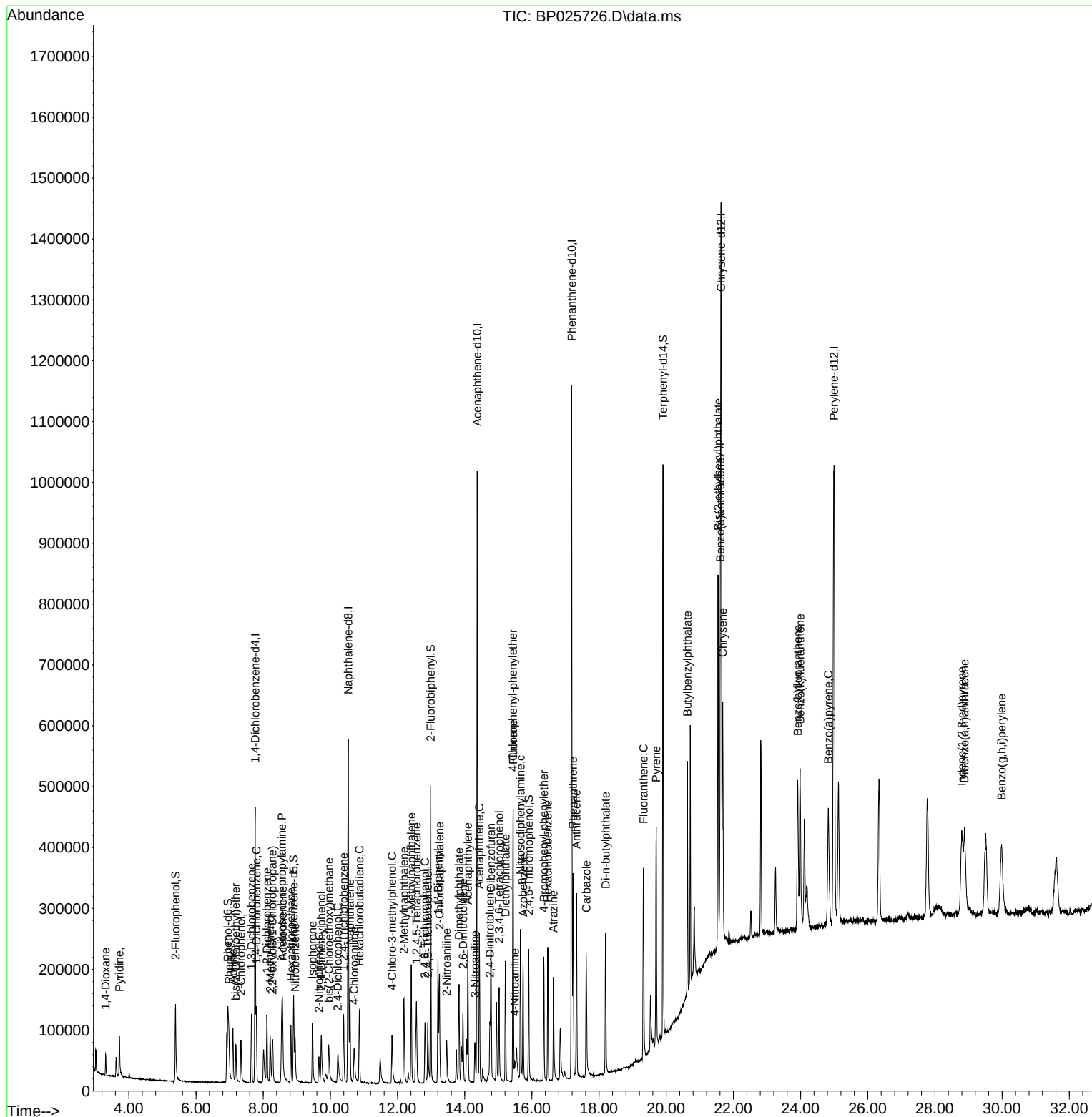
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

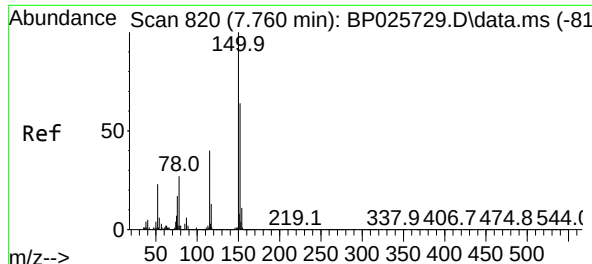
Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

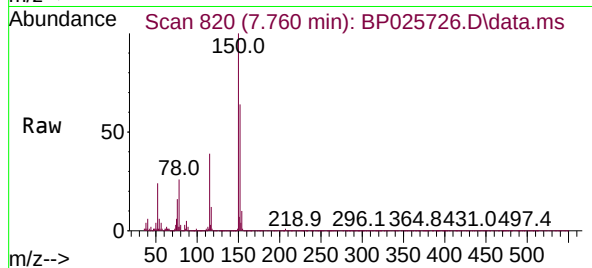
Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

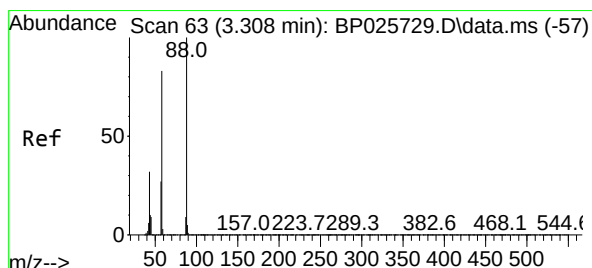
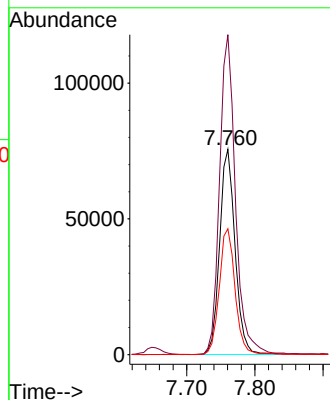
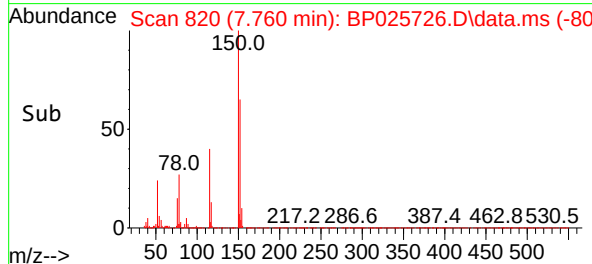
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 152 Resp: 11855
Ion Ratio Lower Upper
152 100
150 156.0 124.3 186.5
115 61.4 50.3 75.5

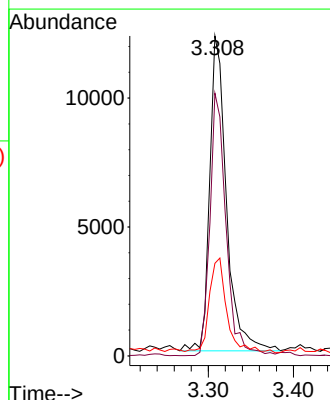
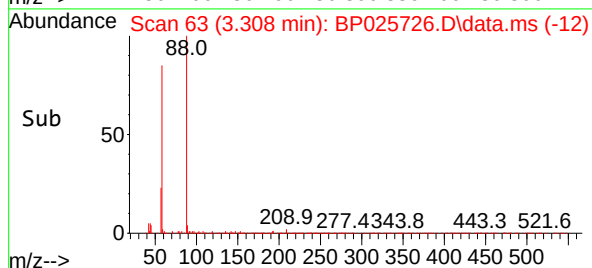
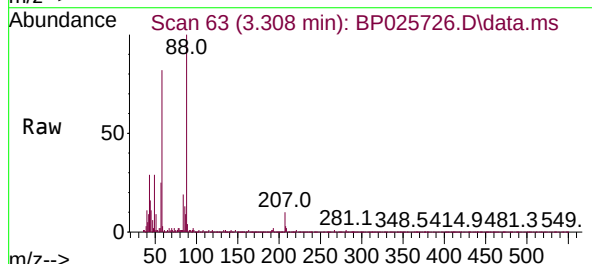
Manual Integrations
APPROVED

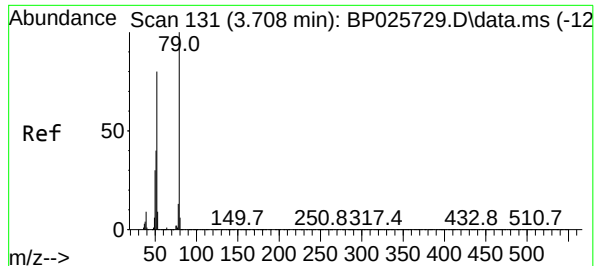
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 5.430 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

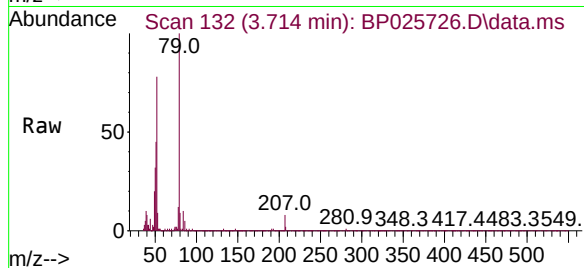
Tgt Ion: 88 Resp: 16745
Ion Ratio Lower Upper
88 100
58 79.8 65.5 98.3
43 31.5 25.2 37.8





#3
Pyridine
Concen: 4.804 ng
RT: 3.714 min Scan# 131
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

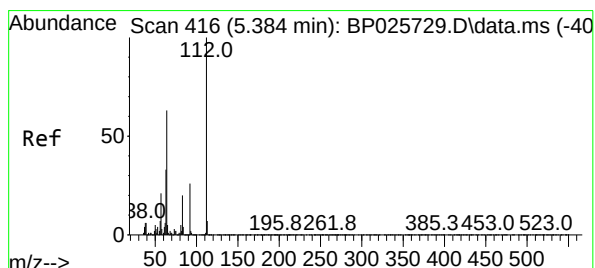
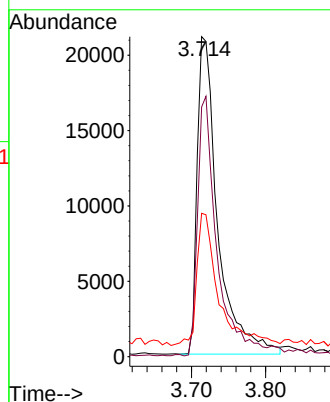
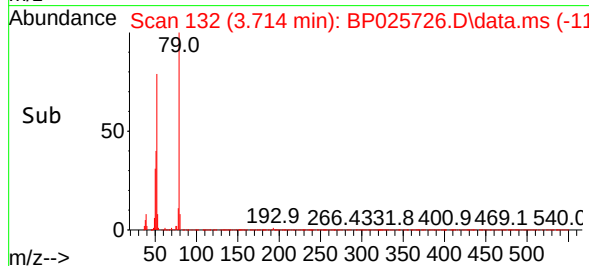
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 79 Resp: 40793
Ion Ratio Lower Upper
79 100
52 78.0 63.7 95.5
51 44.8 32.4 48.6

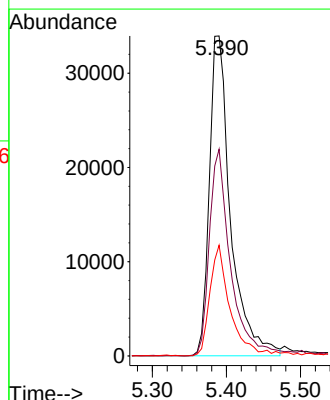
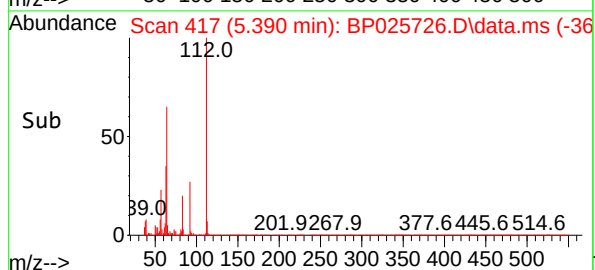
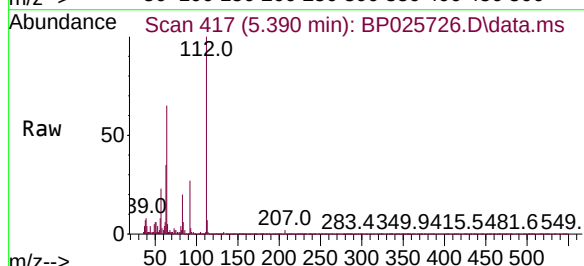
Manual Integrations
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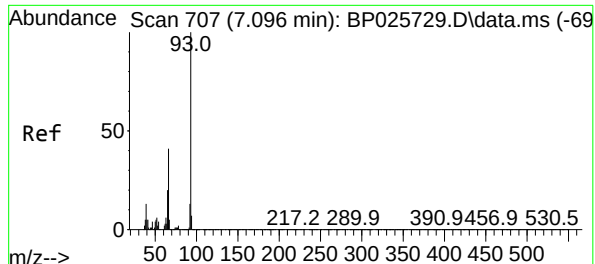
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#5
2-Fluorophenol
Concen: 9.187 ng
RT: 5.390 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

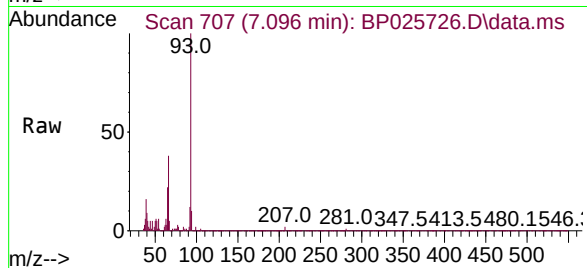
Tgt Ion:112 Resp: 67503
Ion Ratio Lower Upper
112 100
64 64.6 50.2 75.4
63 34.6 26.7 40.1





#6
Aniline
Concen: 4.376 ng
RT: 7.096 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

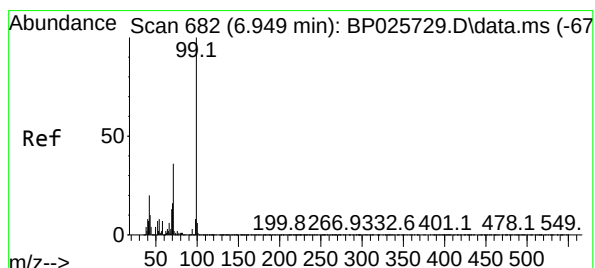
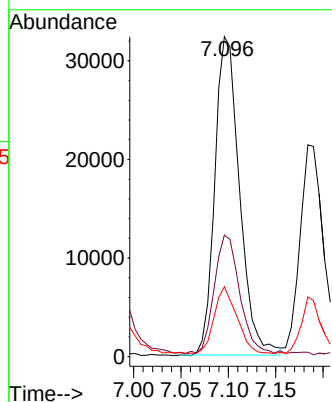
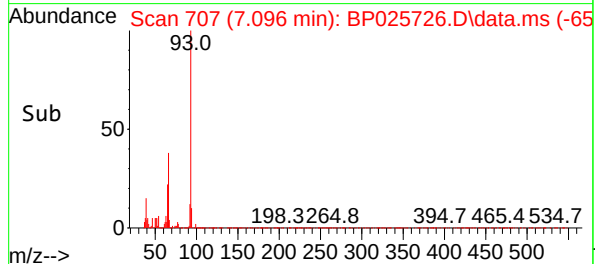
Instrument :
BNA_P
Client Sample Id :
SSTDICC005



Tgt Ion: 93 Resp: 5867
Ion Ratio Lower Upper
93 100
66 38.0 32.6 49.0
65 21.8 16.2 24.2

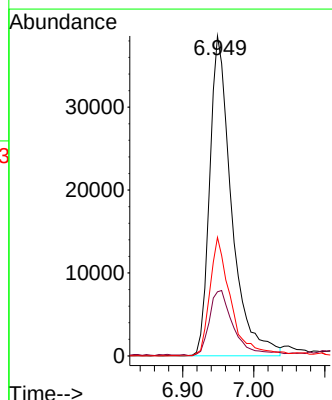
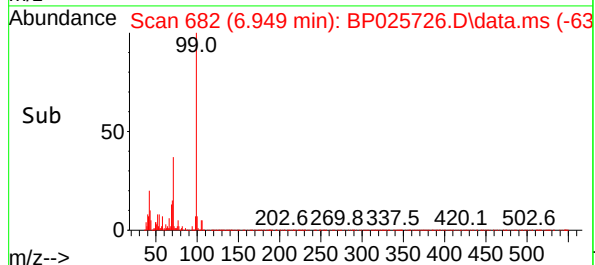
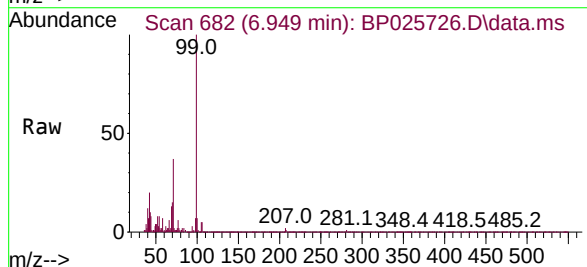
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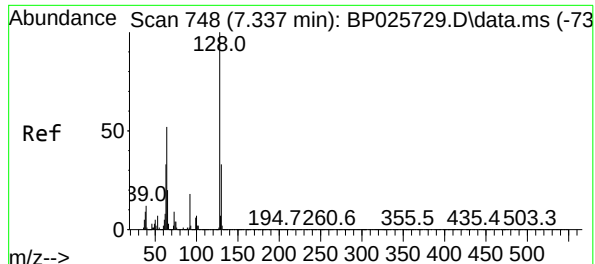
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#7
Phenol-d6
Concen: 8.446 ng
RT: 6.949 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 99 Resp: 82479
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 37.0 28.6 43.0





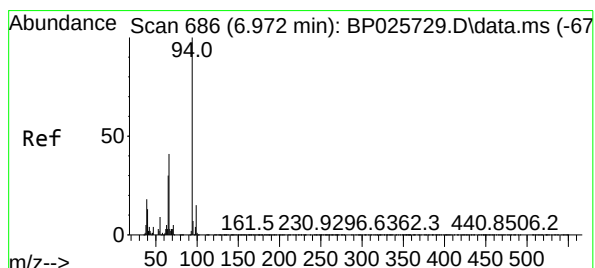
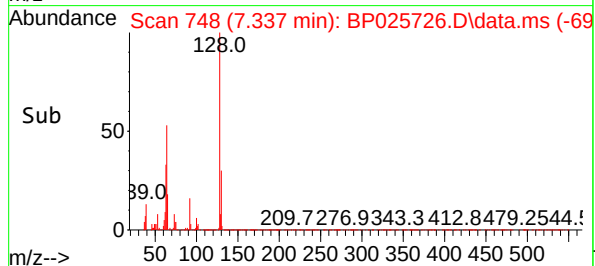
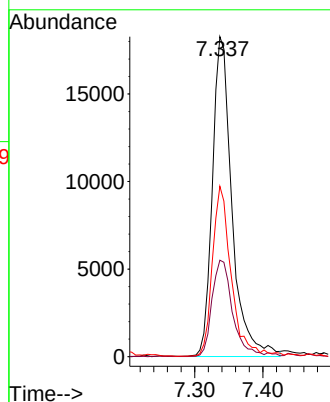
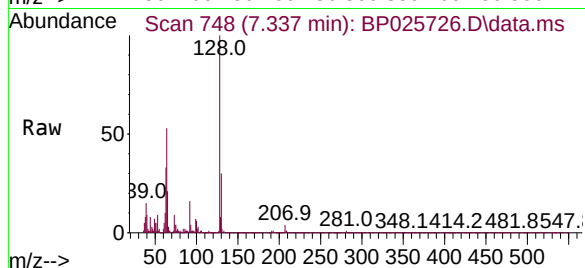
#8
2-Chlorophenol
Concen: 4.520 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 36433
Ion Ratio Lower Upper
128 100
130 30.1 12.6 52.6
64 53.2 31.6 71.6

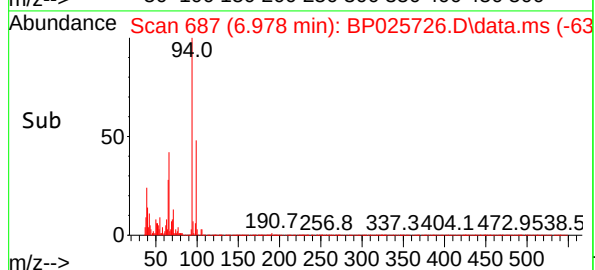
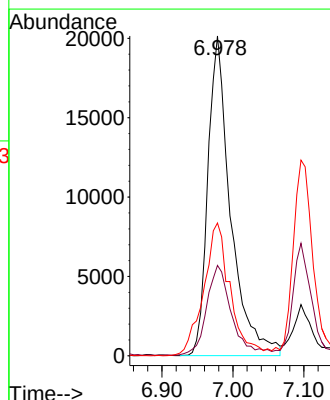
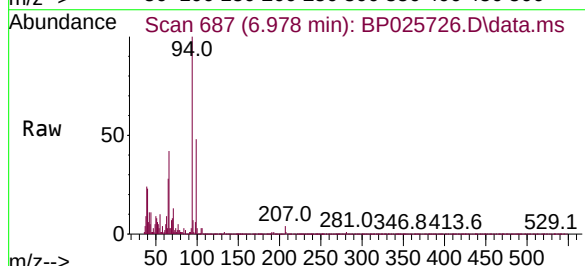
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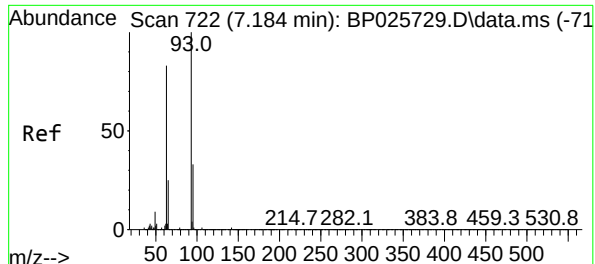
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 4.350 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 94 Resp: 44799
Ion Ratio Lower Upper
94 100
65 28.3 10.2 50.2
66 41.5 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 4.704 ng

RT: 7.184 min Scan# 722

Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 93 Resp: 38920

Ion Ratio Lower Upper

93 100

63 77.6 62.6 102.6

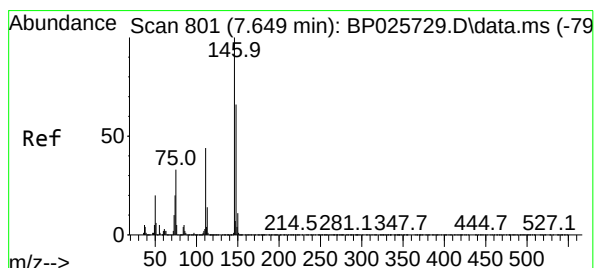
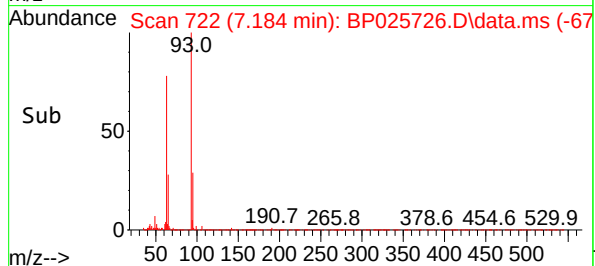
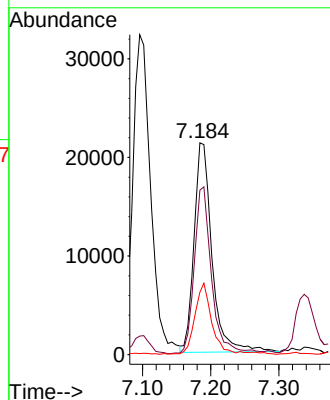
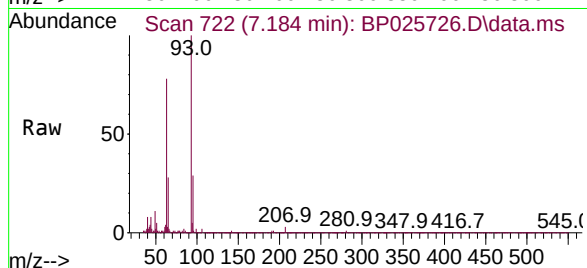
95 29.4 13.2 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 5.009 ng

RT: 7.649 min Scan# 801

Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

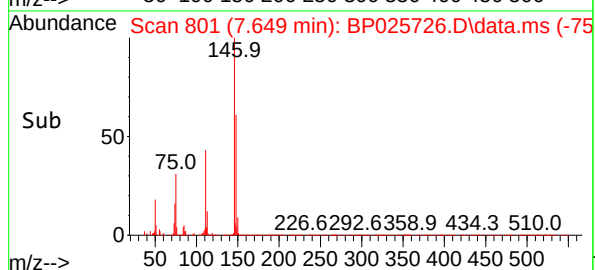
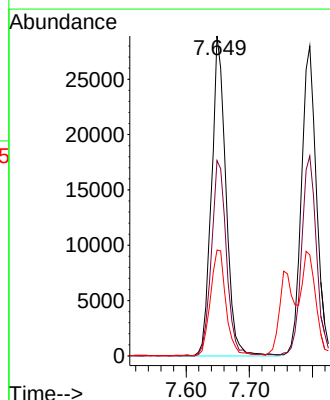
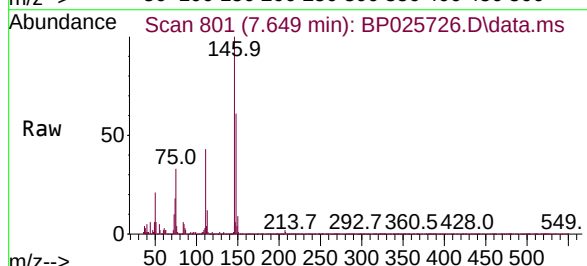
Tgt Ion:146 Resp: 45950

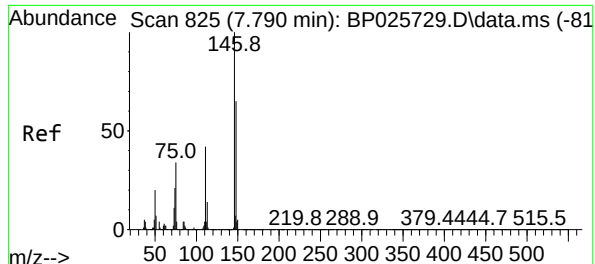
Ion Ratio Lower Upper

146 100

148 61.0 52.7 79.1

75 33.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 4.916 ng

RT: 7.796 min Scan# 801

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

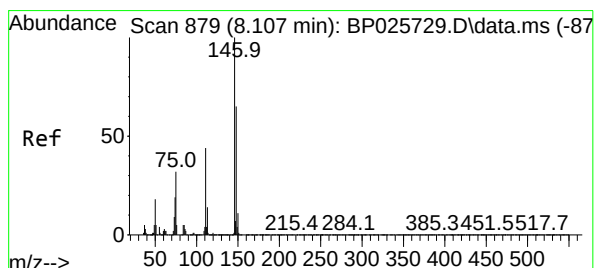
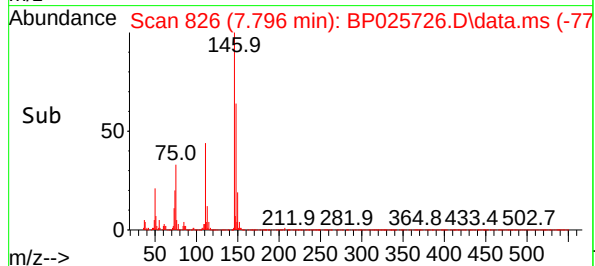
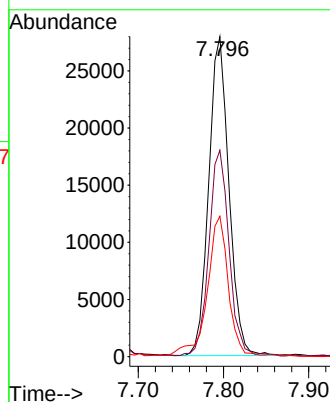
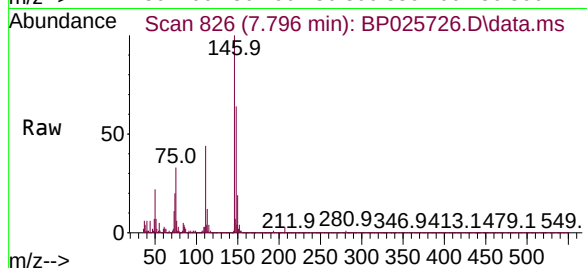
Tgt Ion:	146	Resp:	45935
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.0	78.0
111	43.9	33.9	50.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 4.991 ng

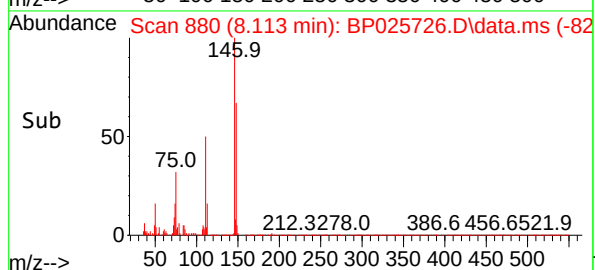
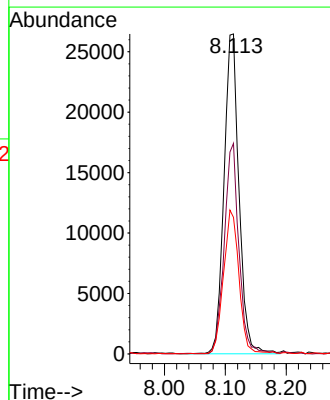
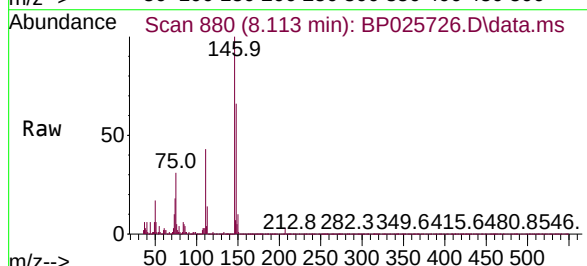
RT: 8.113 min Scan# 880

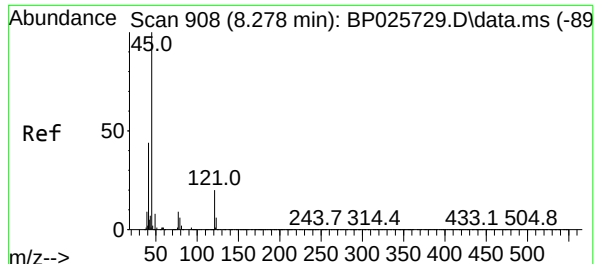
Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:	146	Resp:	45308
Ion Ratio	Lower	Upper	
146	100		
148	65.8	51.7	77.5
111	42.7	35.5	53.3





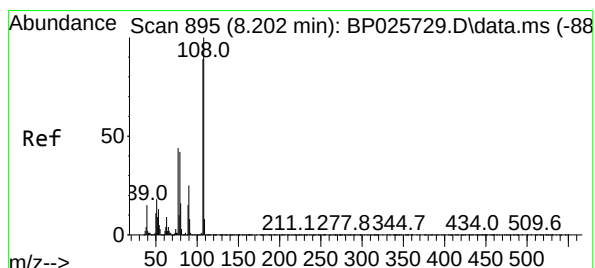
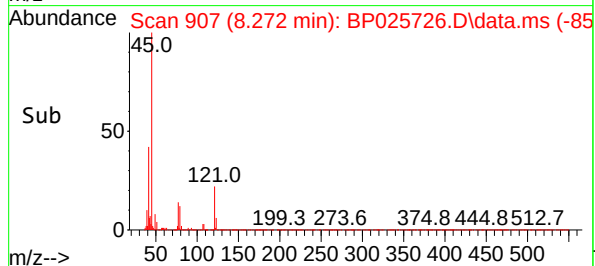
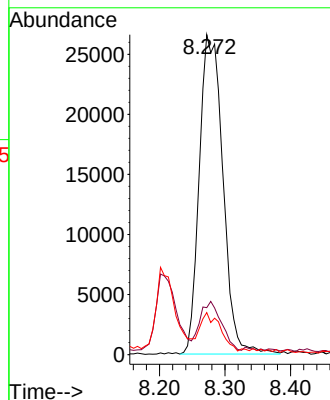
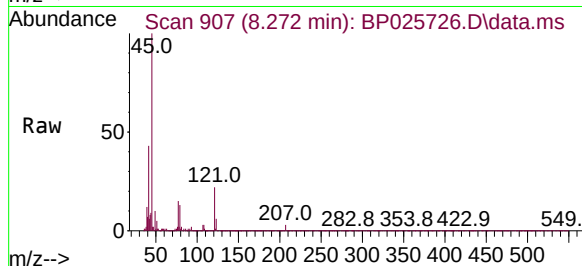
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.909 ng
RT: 8.272 min Scan# 908
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
Client Sample Id :
SSTDICC005

Tgt Ion: 45 Resp: 66422
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.1
79 13.1 0.0 30.0

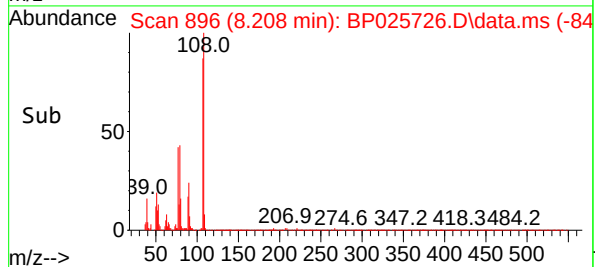
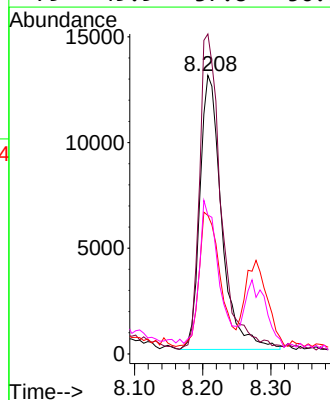
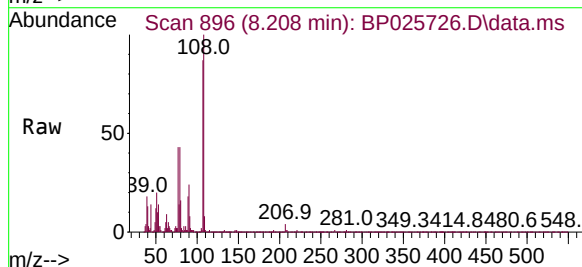
Manual Integrations
APPROVED

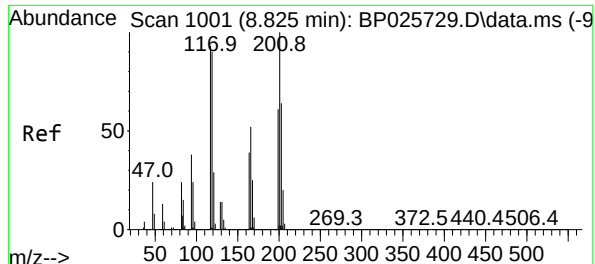
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#17
2-Methylphenol
Concen: 4.155 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

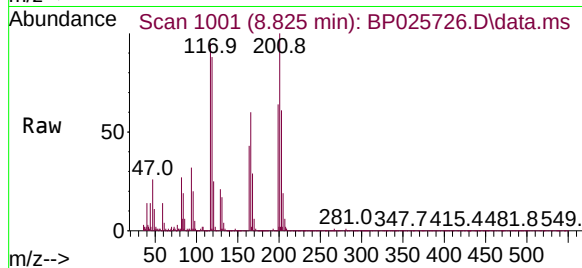
Tgt Ion:107 Resp: 28845
Ion Ratio Lower Upper
107 100
108 114.9 89.6 134.4
77 49.7 39.3 58.9
79 49.9 37.8 56.6





#18
Hexachloroethane
Concen: 5.010 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

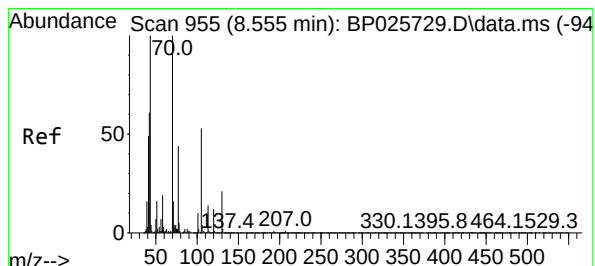
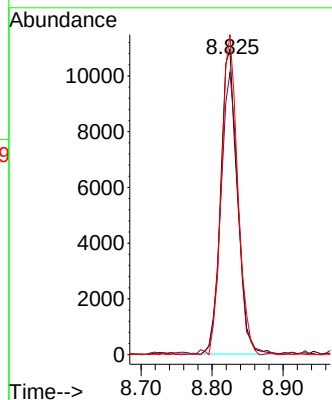
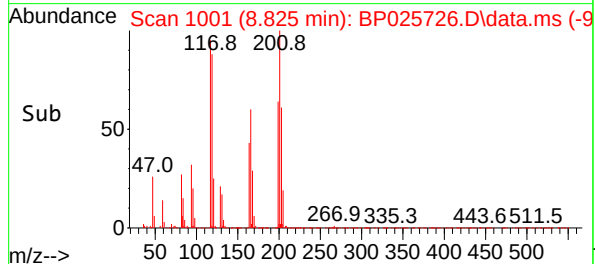
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 117 Resp: 17883
Ion Ratio Lower Upper
117 100
119 92.4 77.1 115.7
201 106.9 85.6 128.4

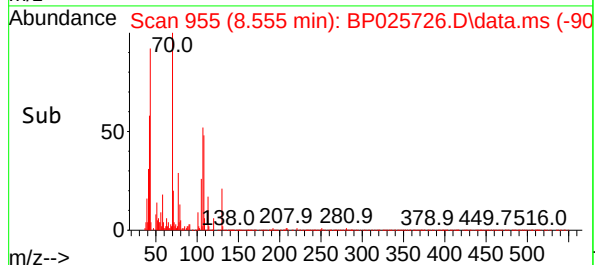
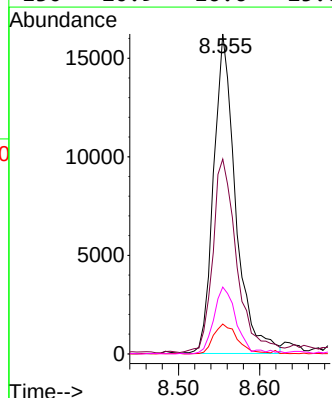
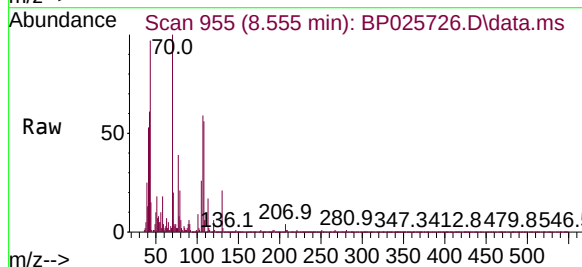
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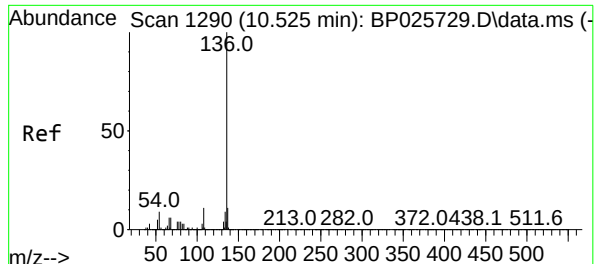
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#19
n-Nitroso-di-n-propylamine
Concen: 4.546 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 70 Resp: 30598
Ion Ratio Lower Upper
70 100
42 60.9 49.0 73.4
101 9.3 7.9 11.9
130 20.9 16.6 25.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.531 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:136 Resp: 48363

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.1 7.5 11.3

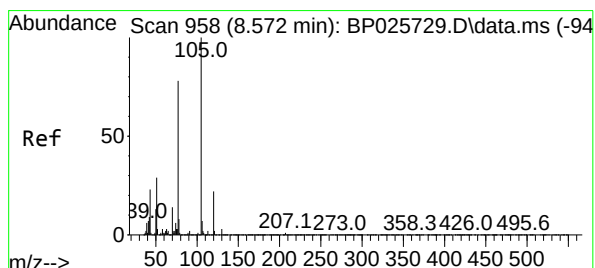
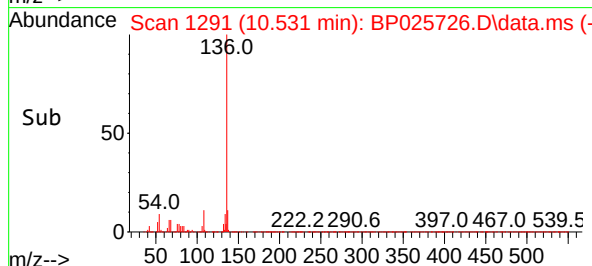
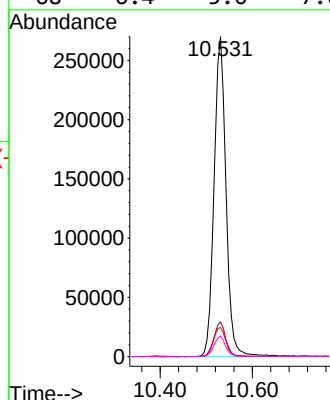
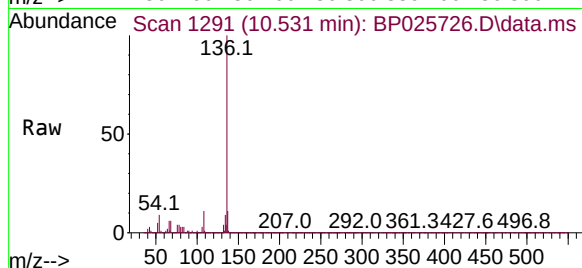
68 6.4 5.0 7.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#22

Acetophenone

Concen: 4.434 ng

RT: 8.578 min Scan# 959

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:105 Resp: 57314

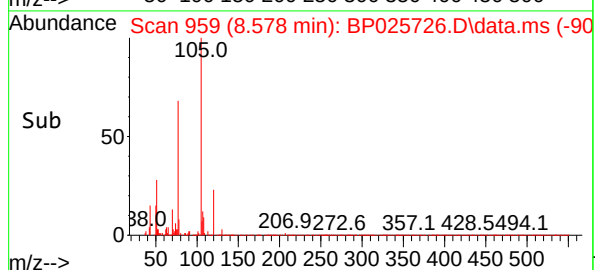
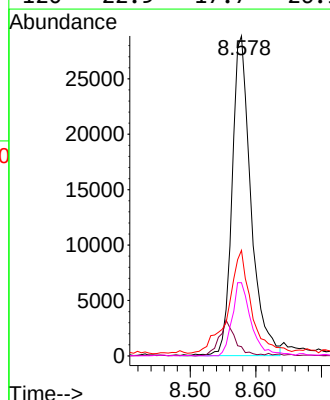
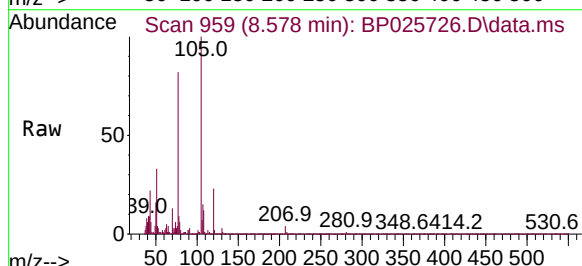
Ion Ratio Lower Upper

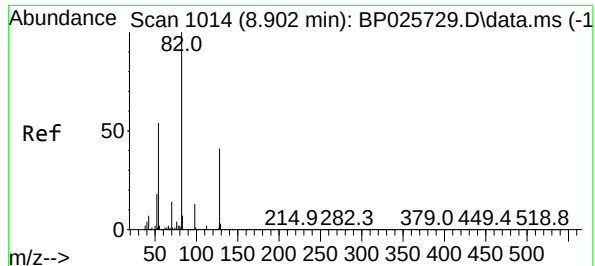
105 100

71 2.9 1.8 2.8

51 33.0 23.5 35.3

120 22.9 17.7 26.5





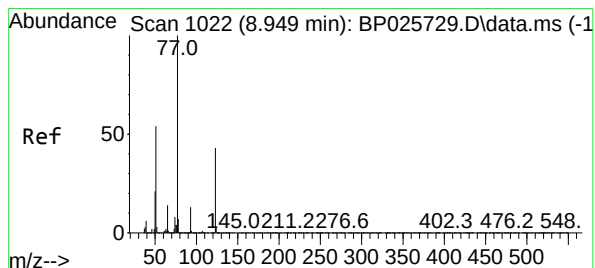
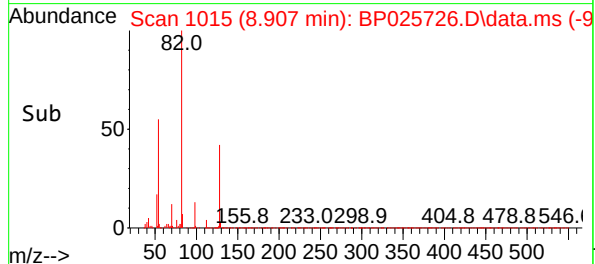
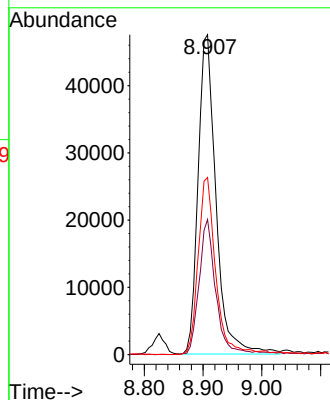
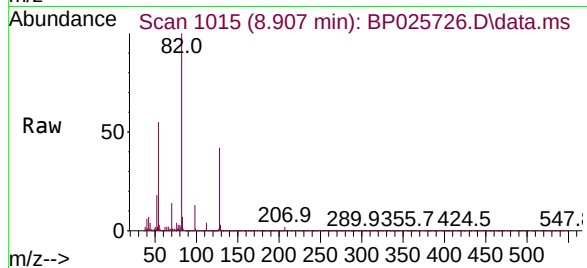
#23
Nitrobenzene-d5
Concen: 9.182 ng
RT: 8.907 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 100673
Ion Ratio Lower Upper
82 100
128 42.2 32.9 49.3
54 55.4 43.4 65.2

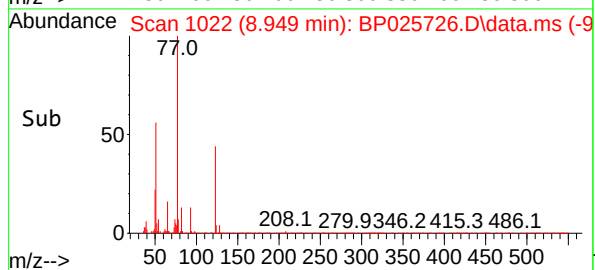
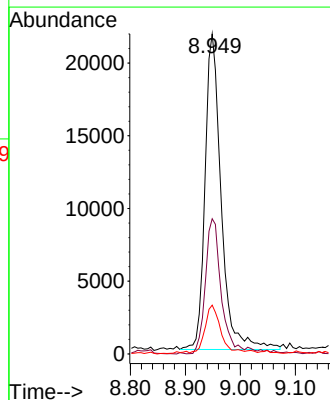
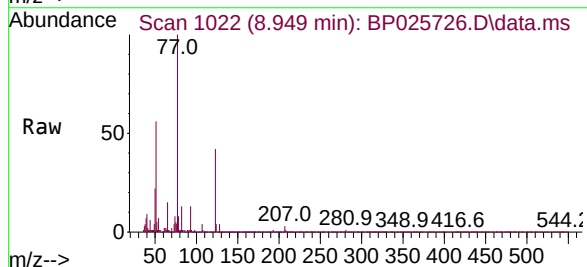
Manual Integrations
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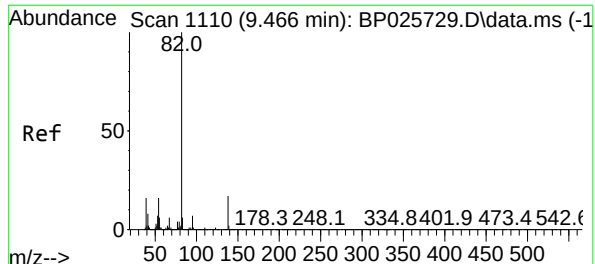
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#24
Nitrobenzene
Concen: 4.502 ng
RT: 8.949 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 77 Resp: 44286
Ion Ratio Lower Upper
77 100
123 42.2 34.4 51.6
65 15.2 10.8 16.2





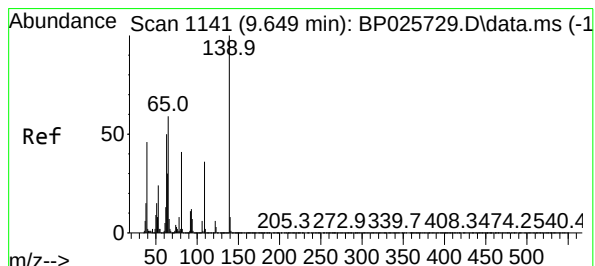
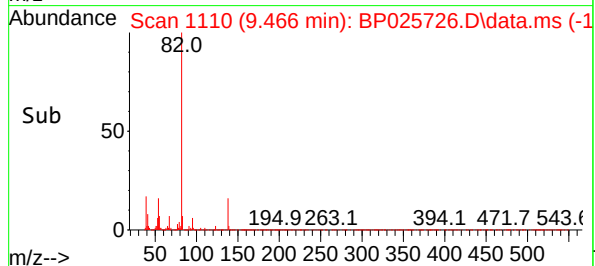
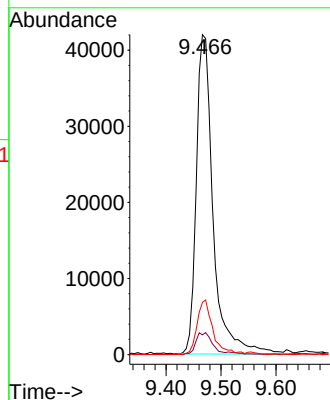
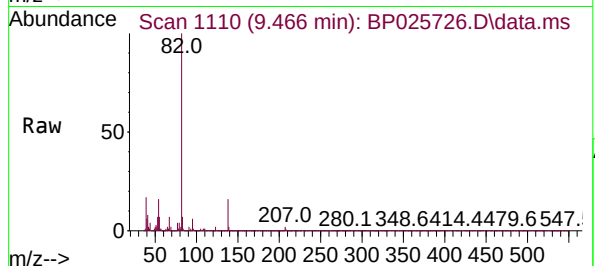
#25
Isophorone
Concen: 4.621 ng
RT: 9.466 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 82 Resp: 89058
Ion Ratio Lower Upper
82 100
95 6.2 5.8 8.8
138 16.3 13.5 20.3

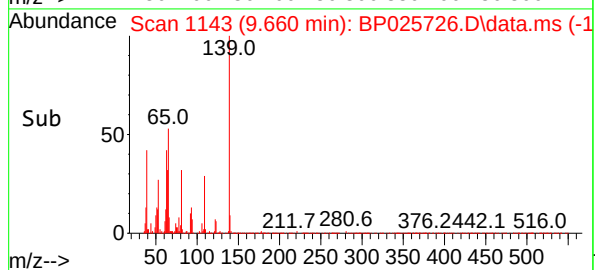
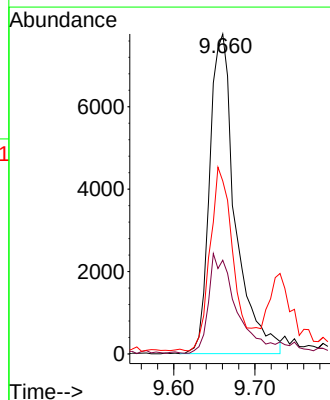
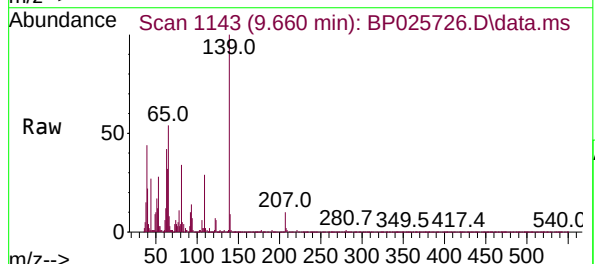
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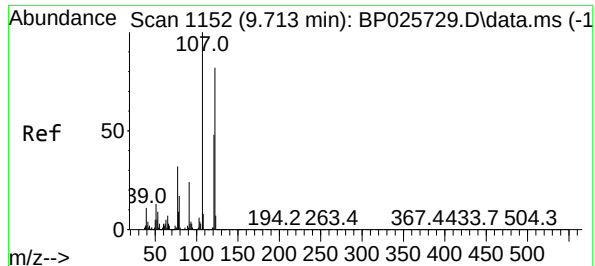
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#26
2-Nitrophenol
Concen: 3.910 ng
RT: 9.660 min Scan# 1143
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:139 Resp: 17076
Ion Ratio Lower Upper
139 100
109 29.3 29.0 43.4
65 54.0 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 4.146 ng

RT: 9.731 min Scan# 1152

Delta R.T. 0.018 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

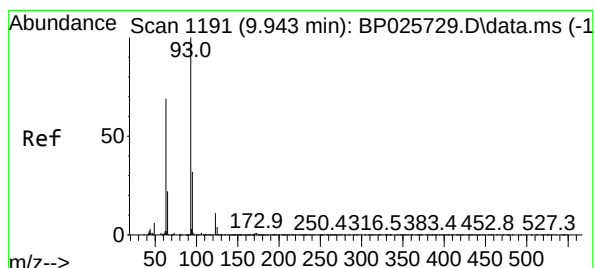
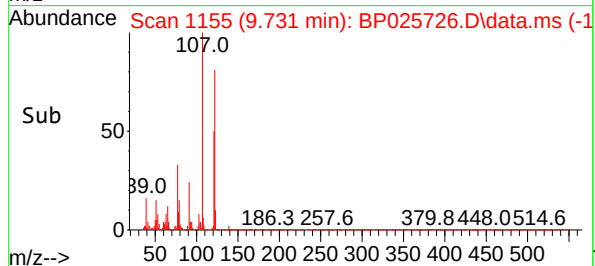
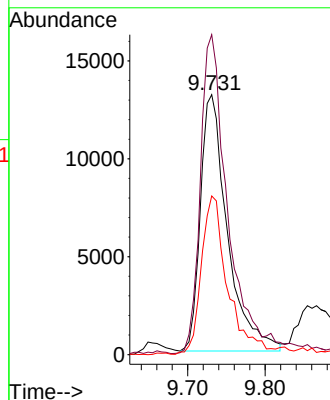
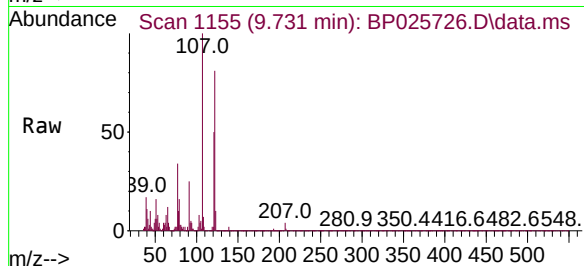
SSTDICC005

Tgt Ion:	122	Resp:	31764
Ion	Ratio	Lower	Upper
122	100		
107	123.1	97.9	146.9
121	61.0	47.4	71.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 4.495 ng

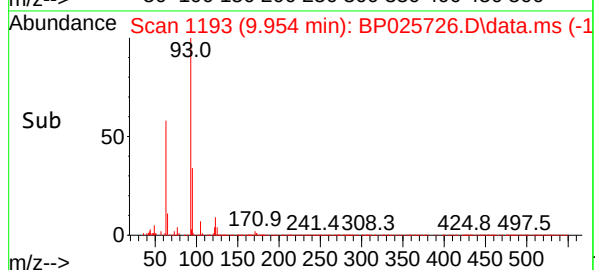
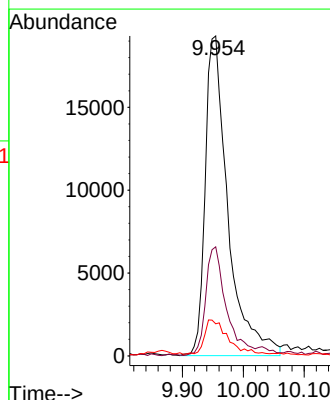
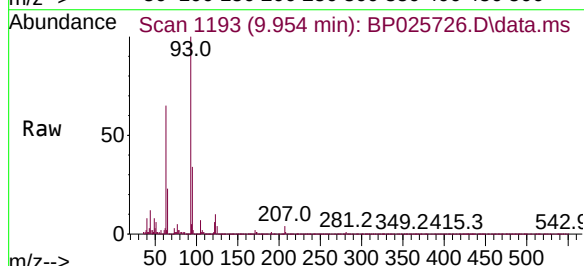
RT: 9.954 min Scan# 1193

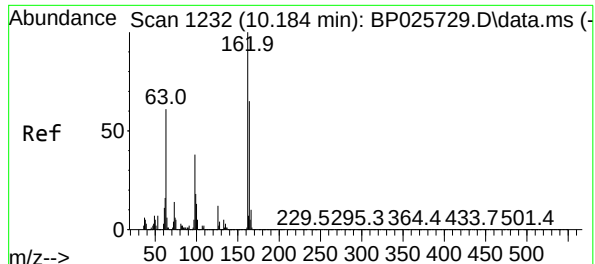
Delta R.T. 0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:	93	Resp:	50074
Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.6	38.4
123	10.0	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 4.220 ng

RT: 10.219 min Scan# 1238

Delta R.T. 0.035 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:162 Resp: 32238

Ion Ratio Lower Upper

162 100

164 61.9 44.7 84.7

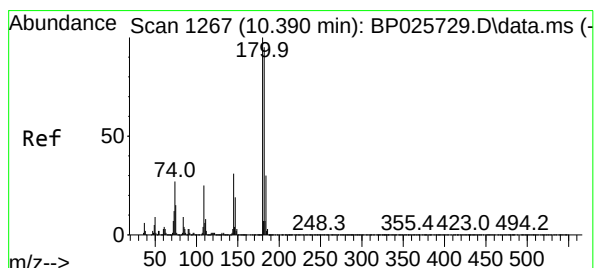
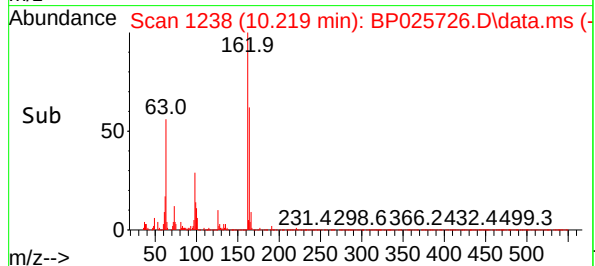
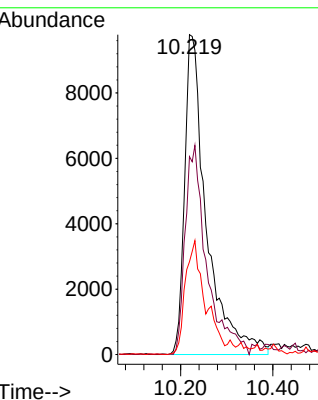
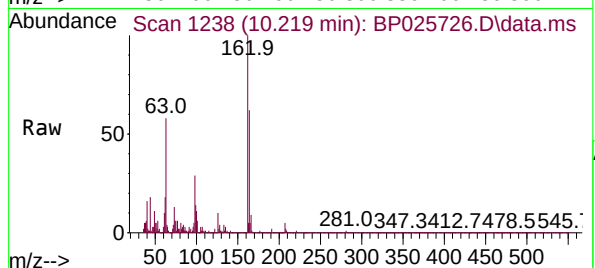
98 29.0 18.1 58.1

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.985 ng

RT: 10.396 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

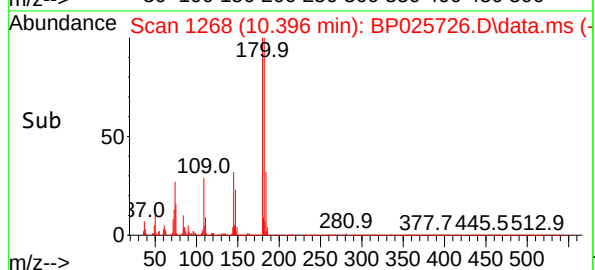
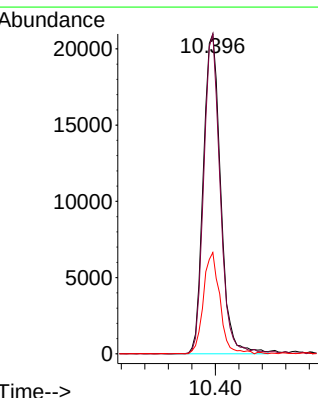
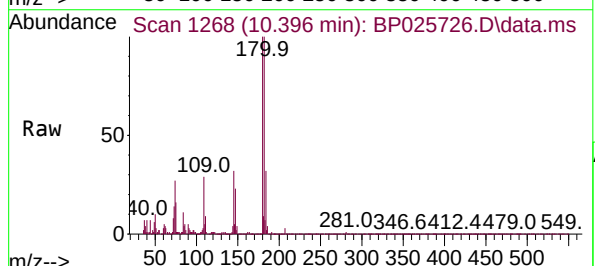
Tgt Ion:180 Resp: 42918

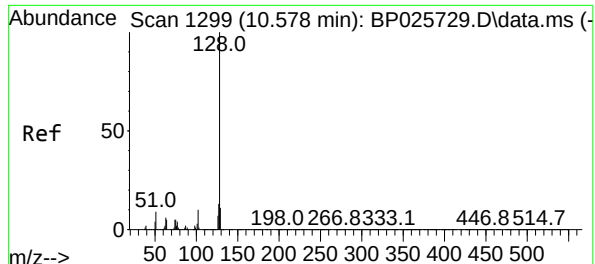
Ion Ratio Lower Upper

180 100

182 99.9 76.0 114.0

145 31.7 24.7 37.1





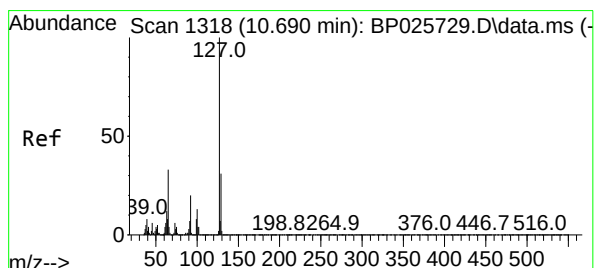
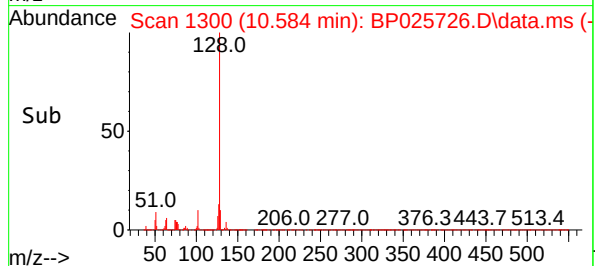
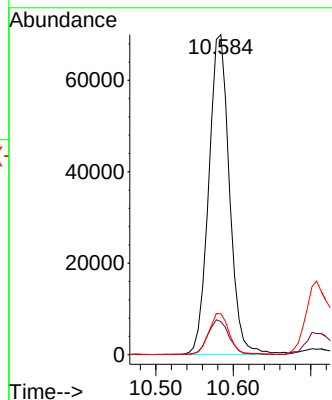
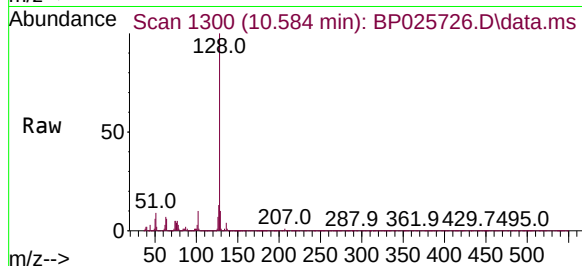
#31
Naphthalene
Concen: 4.972 ng
RT: 10.584 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:128 Resp: 129655
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 12.8 10.2 15.4

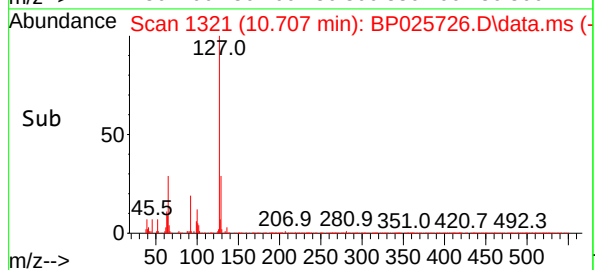
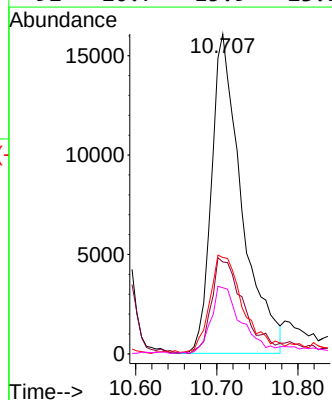
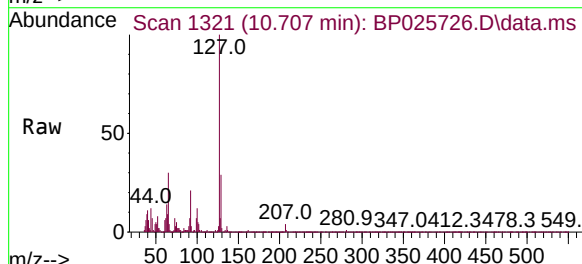
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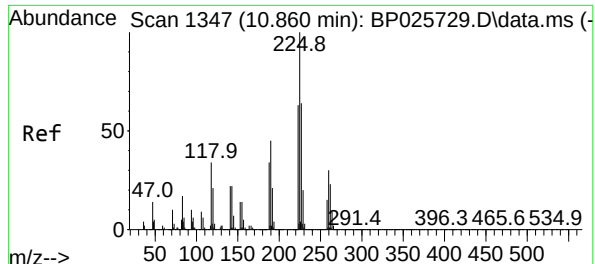
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#33
4-Chloroaniline
Concen: 3.820 ng
RT: 10.707 min Scan# 1321
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

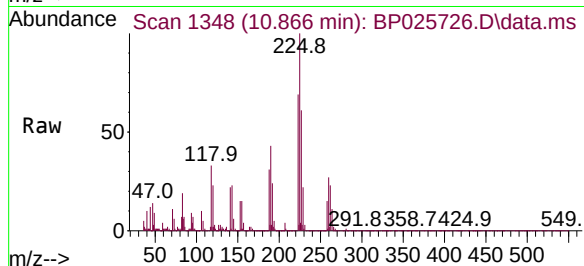
Tgt Ion:127 Resp: 41517
Ion Ratio Lower Upper
127 100
129 28.7 25.1 37.7
65 30.1 26.4 39.6
92 20.7 15.9 23.9





#34
Hexachlorobutadiene
Concen: 4.932 ng
RT: 10.866 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

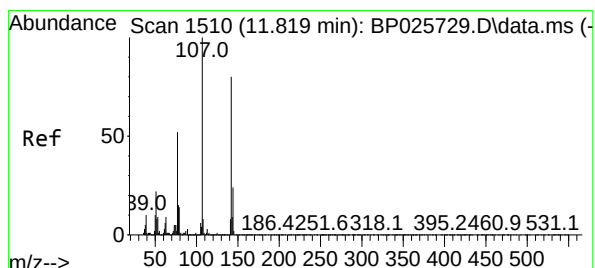
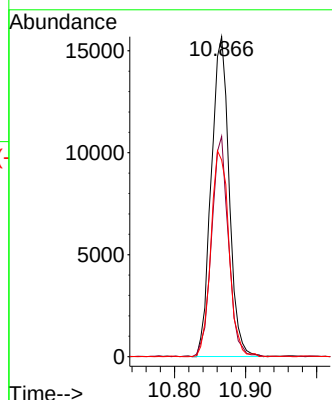
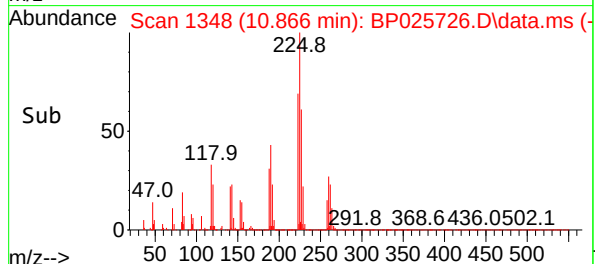
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 225 Resp: 2733
Ion Ratio Lower Upper
225 100
223 68.8 50.1 75.1
227 61.4 51.2 76.8

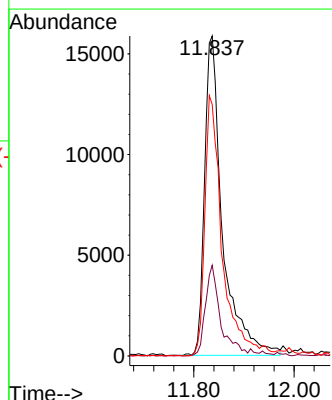
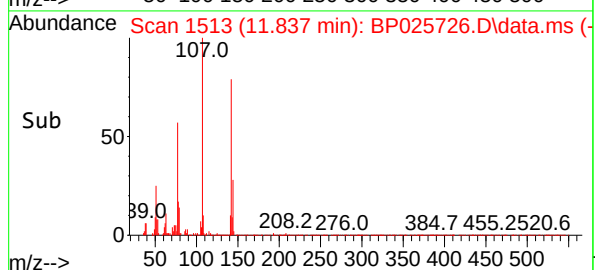
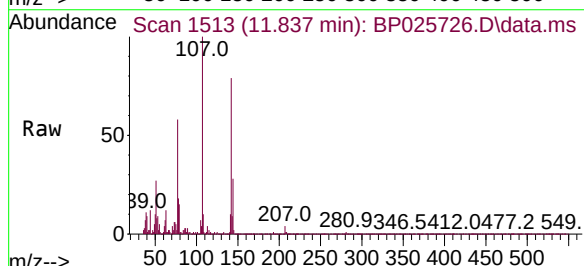
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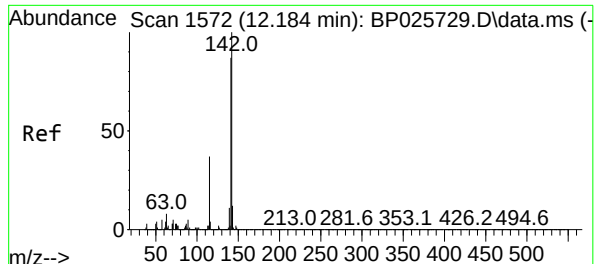
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 4.350 ng
RT: 11.837 min Scan# 1513
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 107 Resp: 39611
Ion Ratio Lower Upper
107 100
144 28.3 19.4 29.2
142 78.6 63.8 95.6





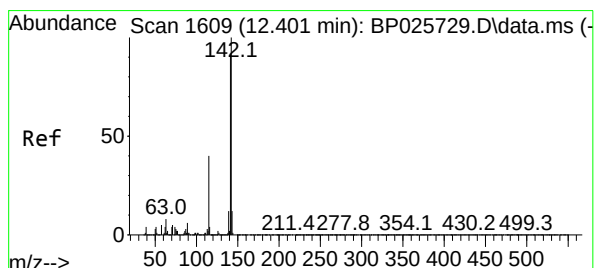
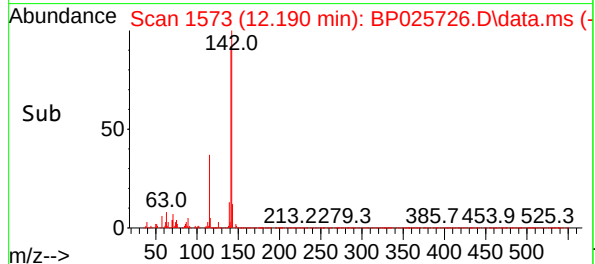
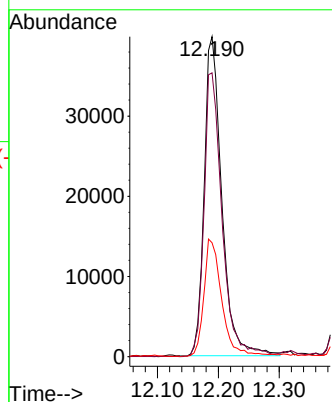
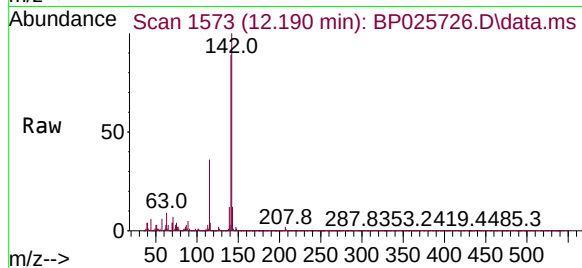
#37
2-Methylnaphthalene
Concen: 4.782 ng
RT: 12.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:142 Resp: 80091
Ion Ratio Lower Upper
142 100
141 88.7 69.6 104.4
115 35.6 30.0 45.0

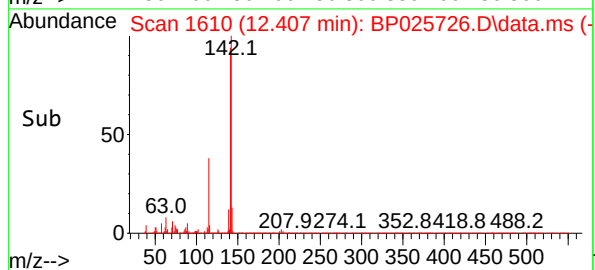
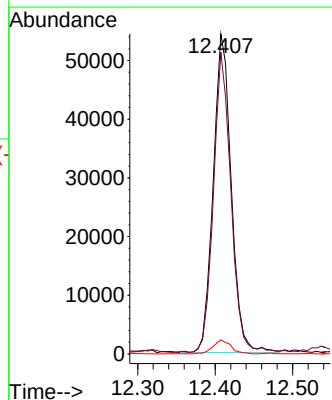
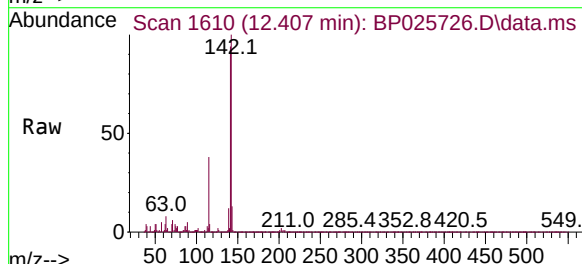
Manual Integrations
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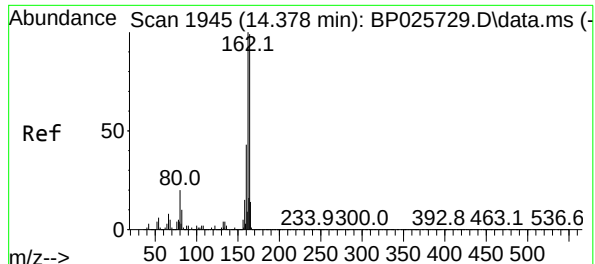
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 4.916 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:142 Resp: 87800
Ion Ratio Lower Upper
142 100
141 94.3 72.7 109.1
116 4.4 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:164 Resp: 340469

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

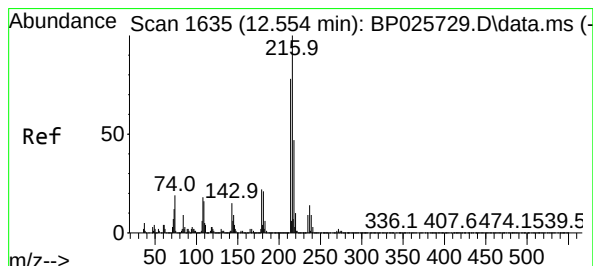
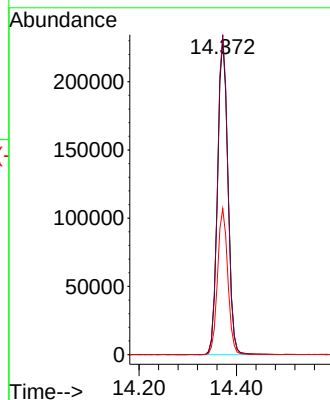
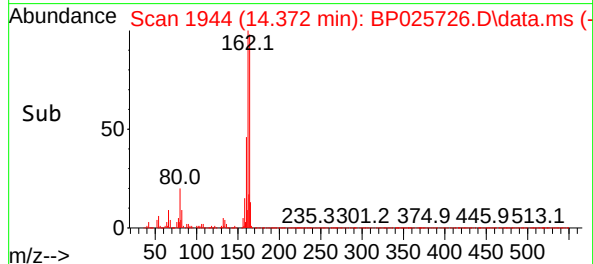
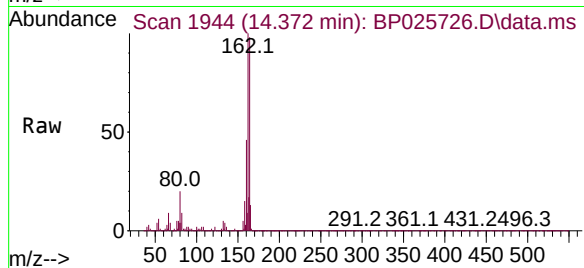
160 46.3 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.864 ng

RT: 12.566 min Scan# 1637

Delta R.T. 0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Tgt Ion:216 Resp: 50181

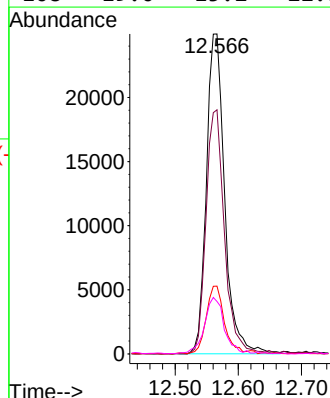
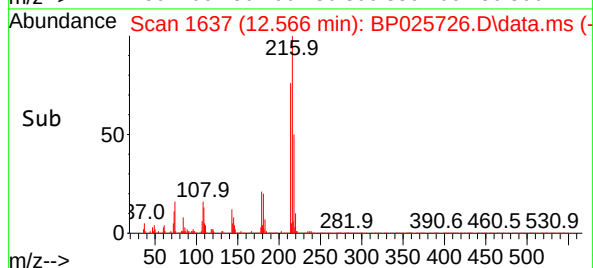
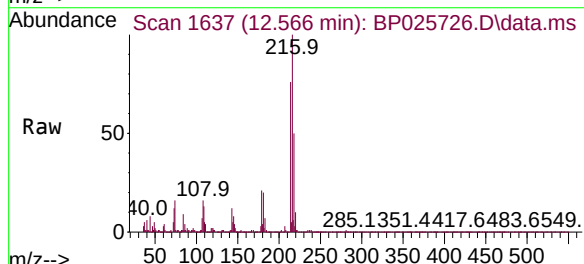
Ion Ratio Lower Upper

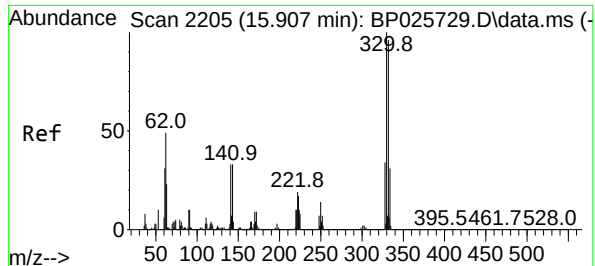
216 100

214 76.7 62.4 93.6

179 20.8 17.0 25.6

108 19.0 15.2 22.8





#42

2,4,6-Tribromophenol

Concen: 9.092 ng

RT: 15.907 min Scan# 2205

Delta R.T. 0.000 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:330 Resp: 38610

Ion Ratio Lower Upper

330 100

332 97.7 76.9 115.3

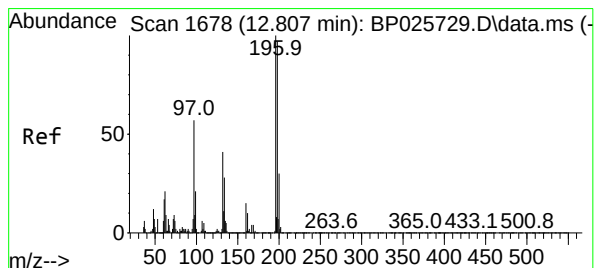
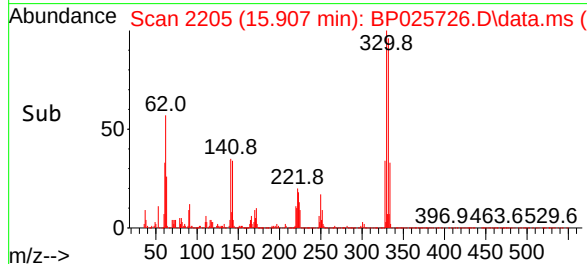
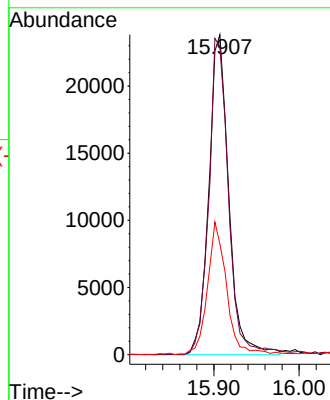
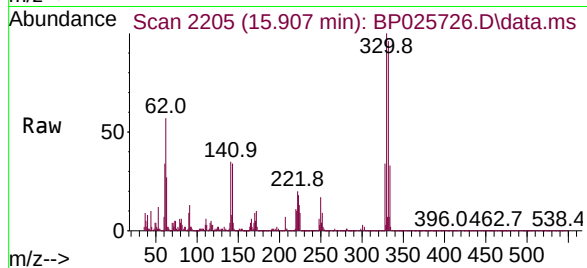
141 39.7 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#43

2,4,6-Trichlorophenol

Concen: 4.262 ng

RT: 12.819 min Scan# 1680

Delta R.T. 0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

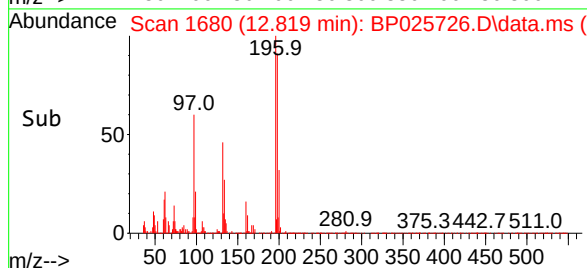
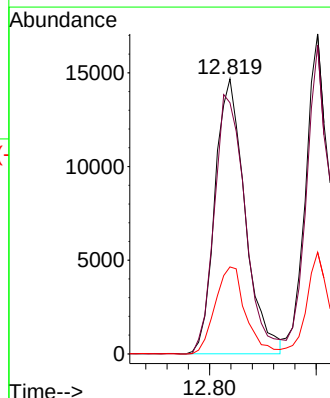
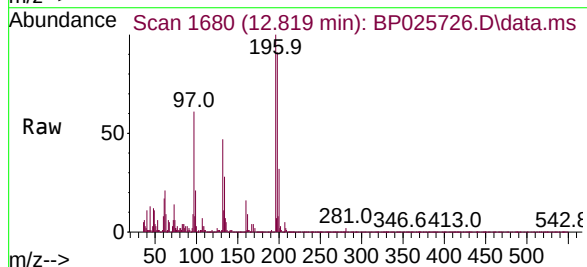
Tgt Ion:196 Resp: 28904

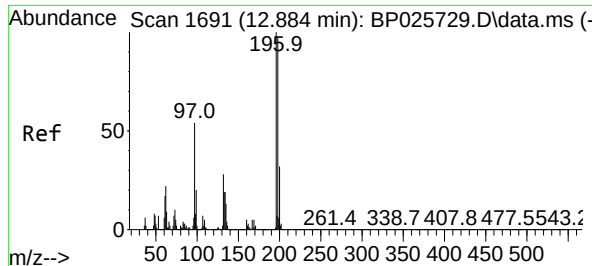
Ion Ratio Lower Upper

196 100

198 91.3 77.2 115.8

200 31.6 24.2 36.2





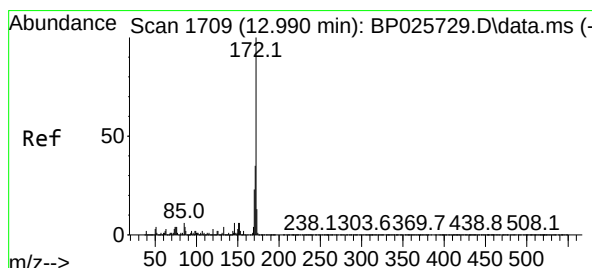
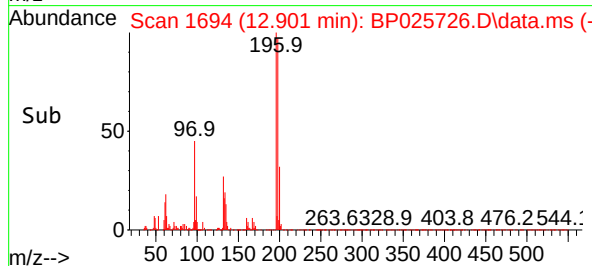
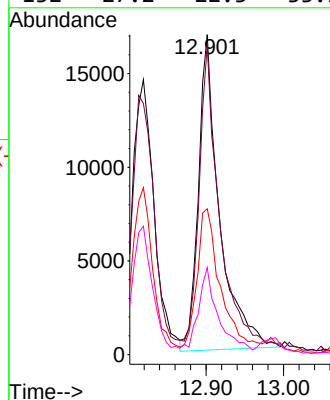
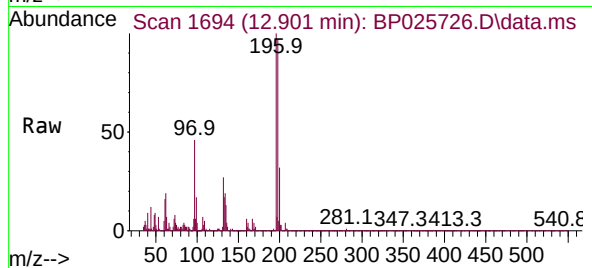
#44
2,4,5-Trichlorophenol
Concen: 4.232 ng
RT: 12.901 min Scan# 1691
Delta R.T. 0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.8	116.8
97	45.6	43.3	64.9
132	27.2	22.3	33.5

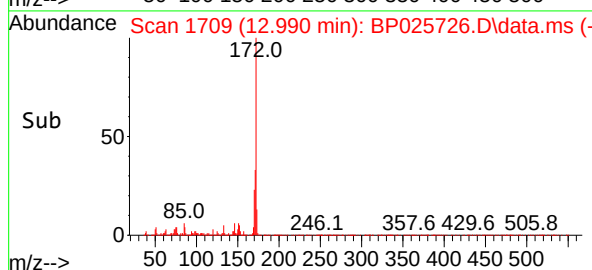
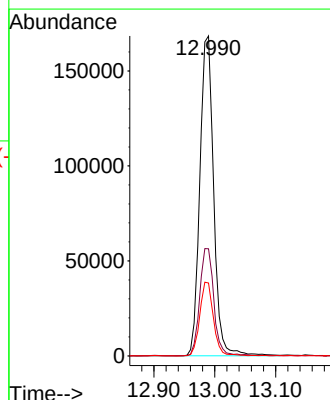
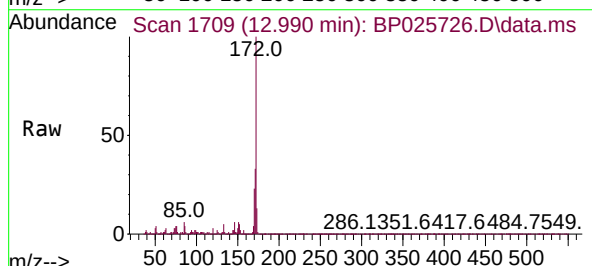
Manual Integrations
APPROVED

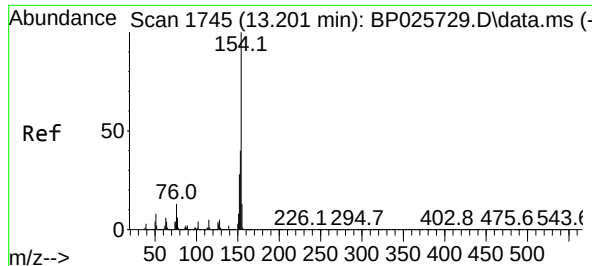
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#45
2-Fluorobiphenyl
Concen: 10.408 ng
RT: 12.990 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

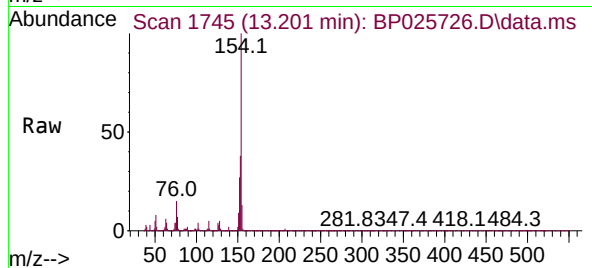
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.8	41.6
170	22.8	18.6	27.8





#46
1,1'-Biphenyl
Concen: 4.965 ng
RT: 13.201 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

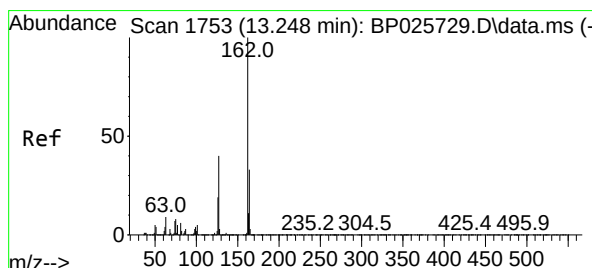
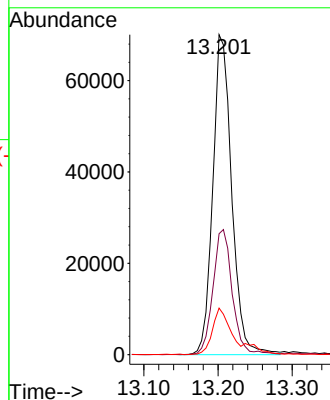
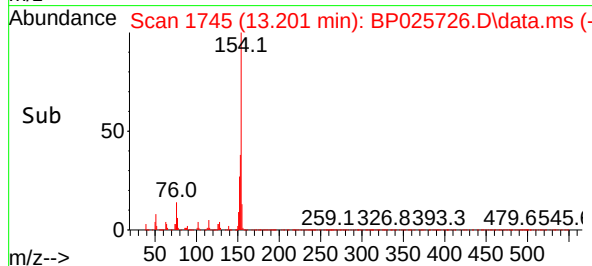
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 124080
Ion Ratio Lower Upper
154 100
153 37.8 19.7 59.7
76 14.5 0.0 33.3

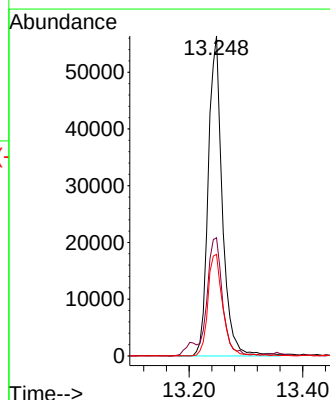
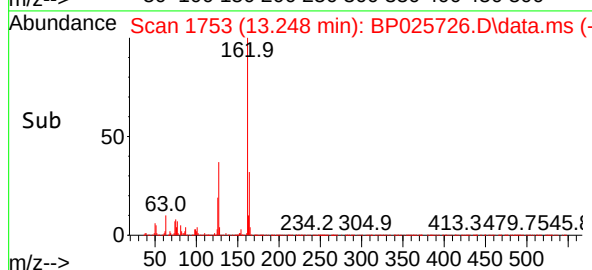
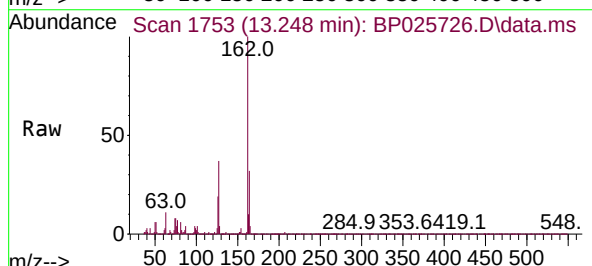
Manual Integrations
APPROVED

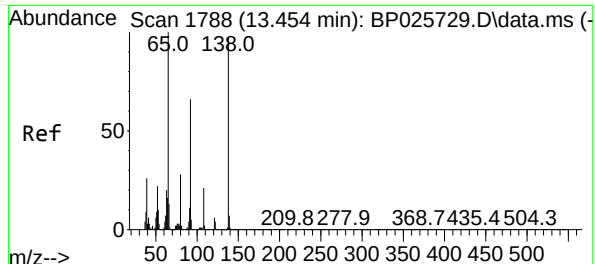
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#47
2-Chloronaphthalene
Concen: 4.932 ng
RT: 13.248 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

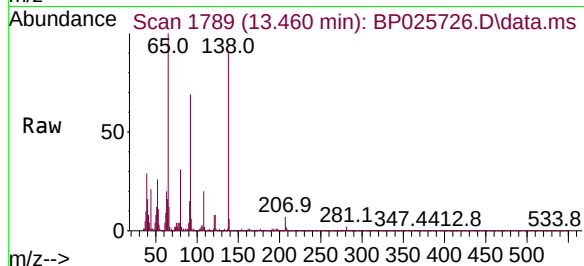
Tgt Ion:162 Resp: 97044
Ion Ratio Lower Upper
162 100
127 36.9 32.2 48.4
164 31.7 26.5 39.7





#48
2-Nitroaniline
Concen: 4.013 ng
RT: 13.460 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

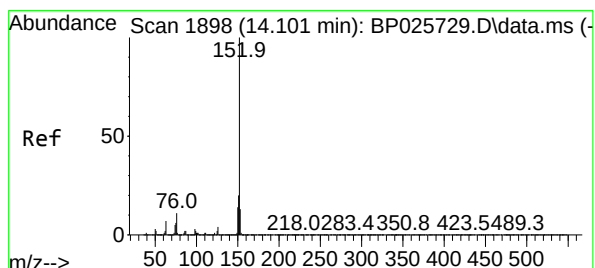
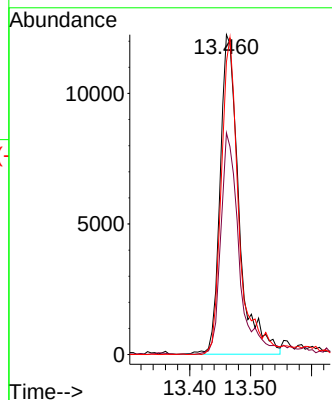
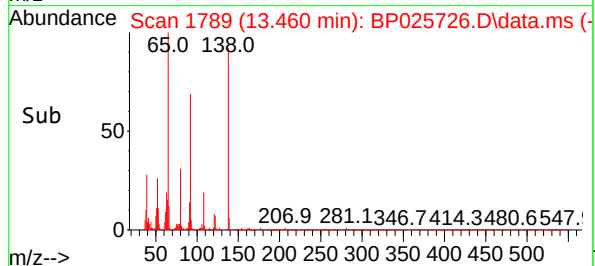
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 65 Resp: 26322
Ion Ratio Lower Upper
65 100
92 69.3 53.1 79.7
138 91.5 77.8 116.8

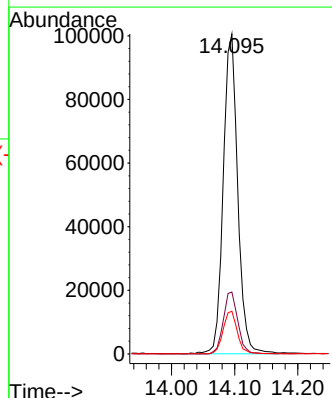
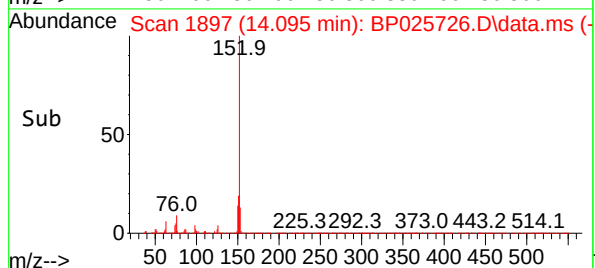
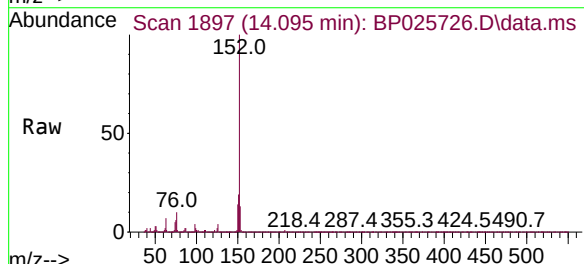
Manual Integrations
APPROVED

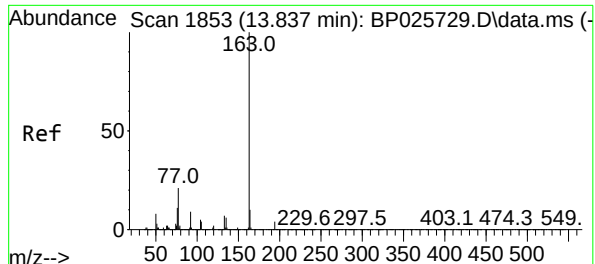
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#49
Acenaphthylene
Concen: 4.900 ng
RT: 14.095 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:152 Resp: 159767
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 13.3 10.5 15.7





#50

Dimethylphthalate

Concen: 5.059 ng

RT: 13.831 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

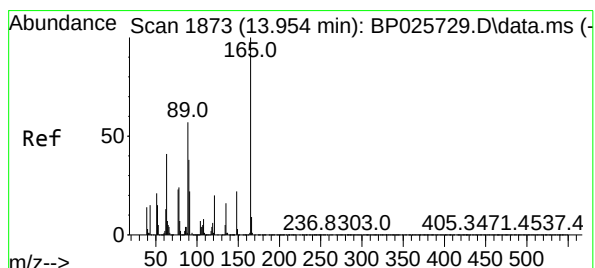
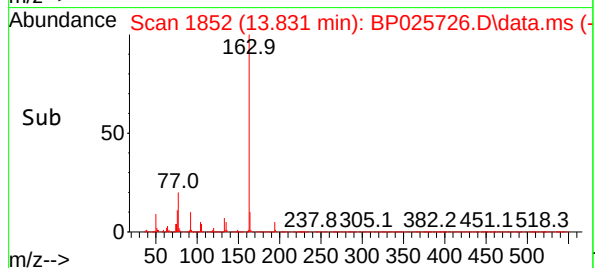
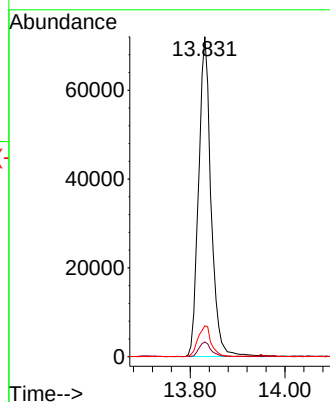
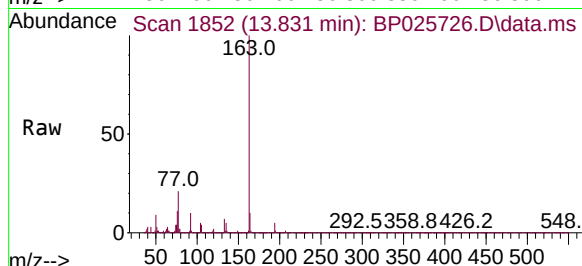
SSTDICC005

Tgt Ion:	163	Resp:	131492
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.4	5.2
164	9.6	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#51

2,6-Dinitrotoluene

Concen: 4.417 ng

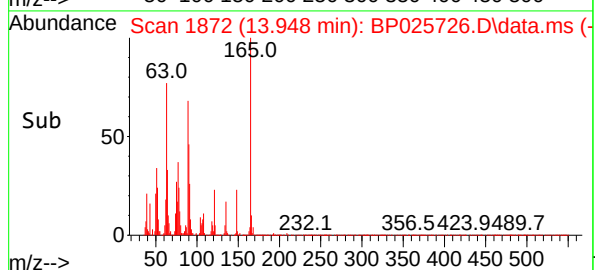
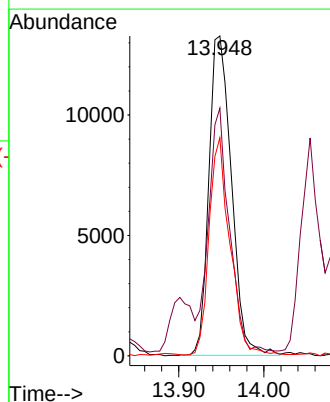
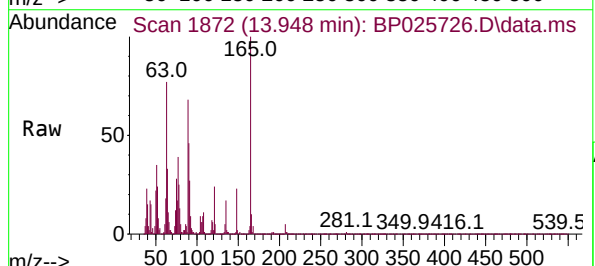
RT: 13.948 min Scan# 1872

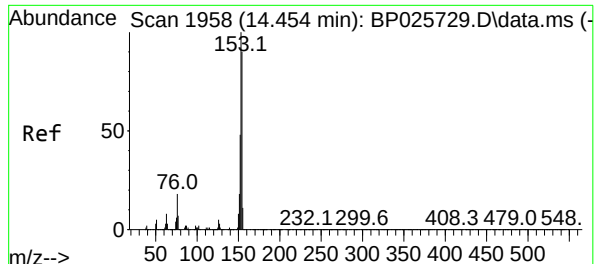
Delta R.T. -0.006 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

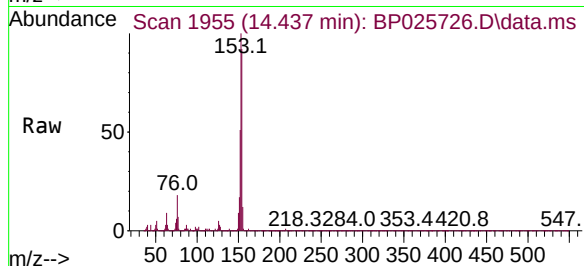
Tgt Ion:	165	Resp:	24324
Ion Ratio	Lower	Upper	
165	100		
63	77.4	48.1	72.1#
89	68.2	45.4	68.0#





#52
Acenaphthene
Concen: 5.109 ng
RT: 14.437 min Scan# 1958
Delta R.T. -0.018 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

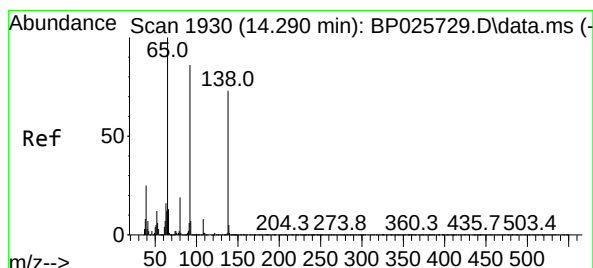
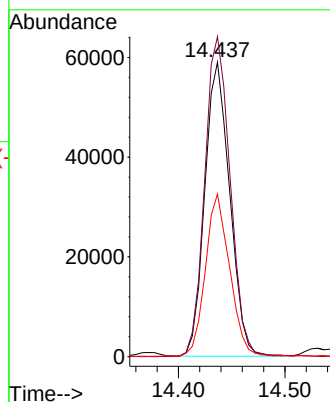
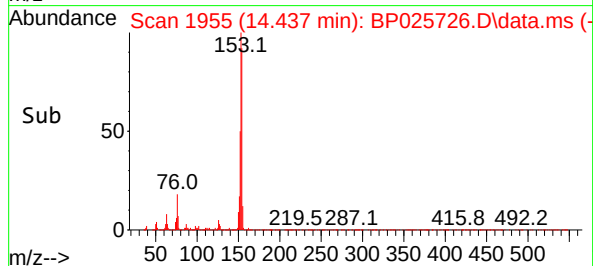
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:154 Resp: 96060
Ion Ratio Lower Upper
154 100
153 108.7 89.4 134.0
152 55.2 42.5 63.7

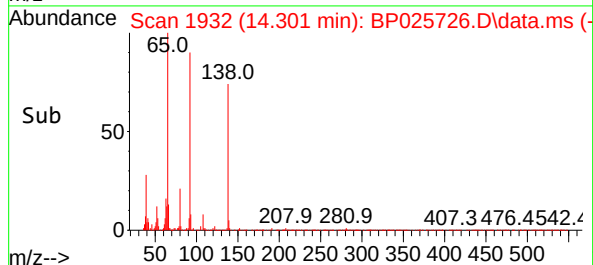
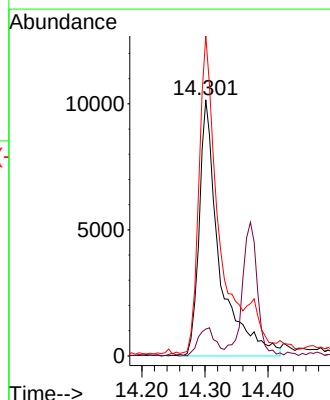
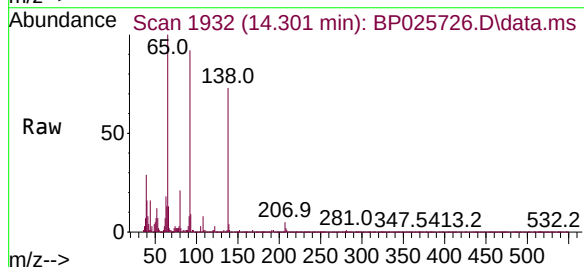
Manual Integrations
APPROVED

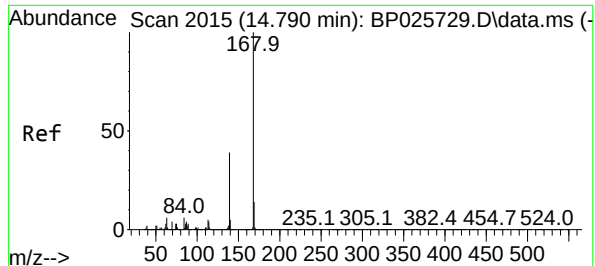
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#53
3-Nitroaniline
Concen: 3.913 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

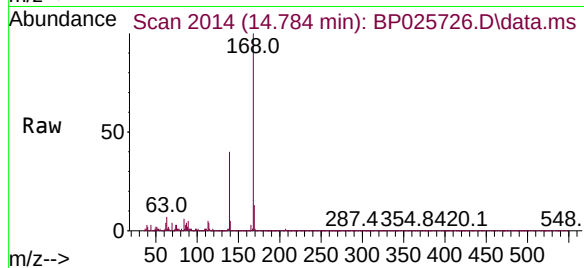
Tgt Ion:138 Resp: 22660
Ion Ratio Lower Upper
138 100
108 10.5 8.7 13.1
92 124.9 94.6 142.0





#55
Dibenzenofuran
Concen: 5.094 ng
RT: 14.784 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

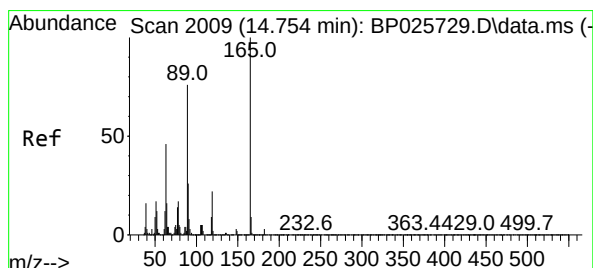
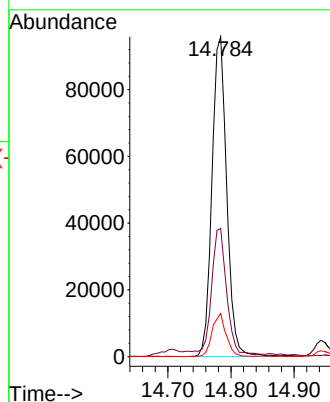
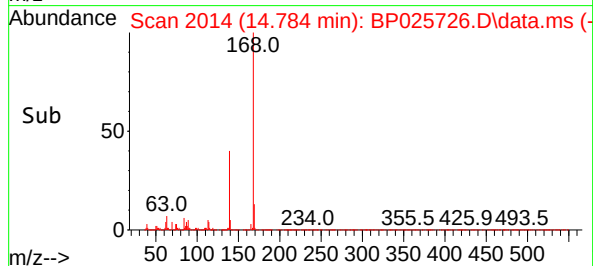
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



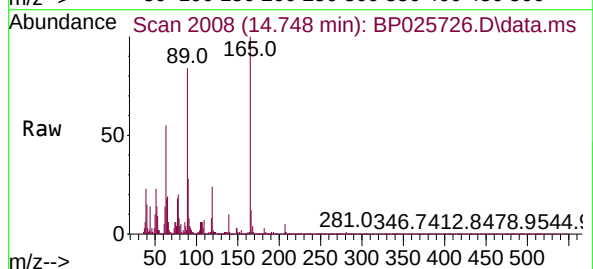
Tgt Ion:168 Resp: 15609
Ion Ratio Lower Upper
168 100
139 40.1 31.7 47.5
169 13.5 10.8 16.2

Manual Integrations
APPROVED

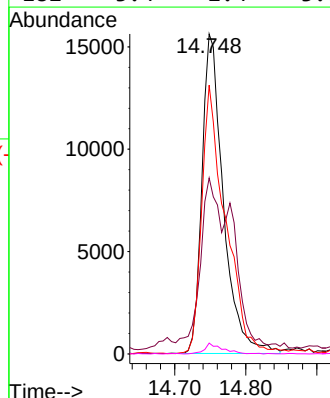
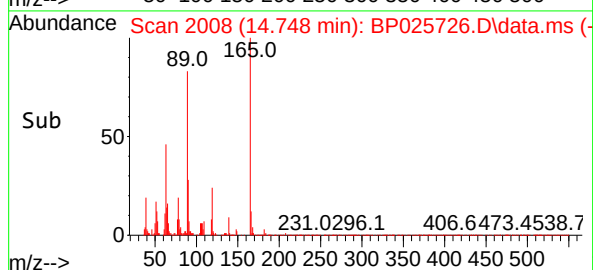
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

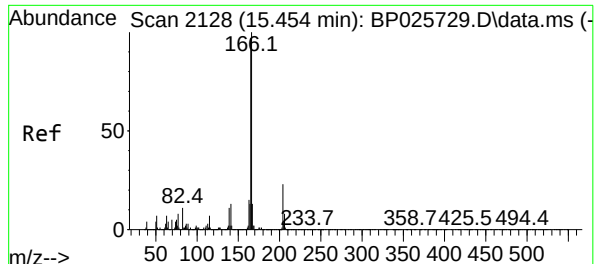


#57
2,4-Dinitrotoluene
Concen: 4.144 ng
RT: 14.748 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37



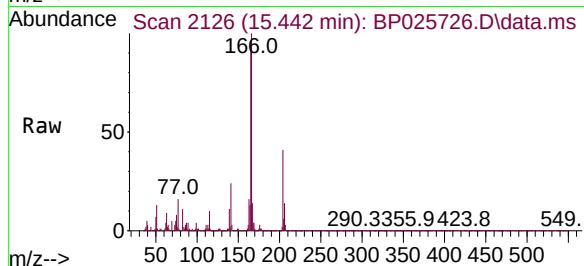
Tgt Ion:165 Resp: 32480
Ion Ratio Lower Upper
165 100
63 55.0 37.7 56.5
89 84.0 61.0 91.6
182 3.4 2.4 3.6





#58
Fluorene
Concen: 5.189 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

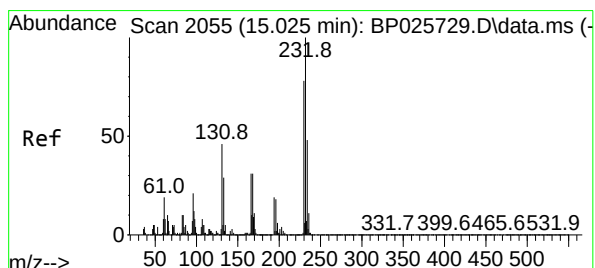
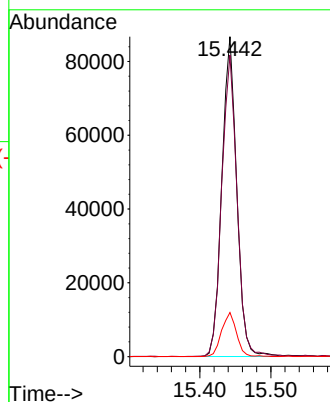
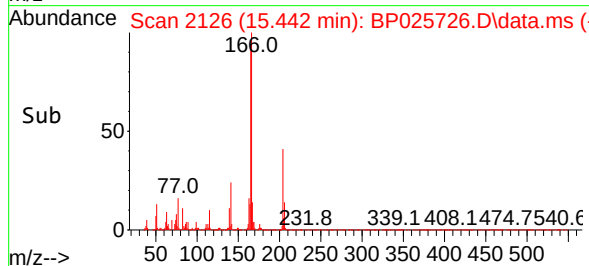
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 126434
Ion Ratio Lower Upper
166 100
165 94.2 77.7 116.5
167 13.8 10.6 16.0

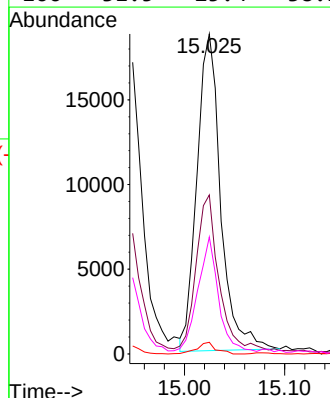
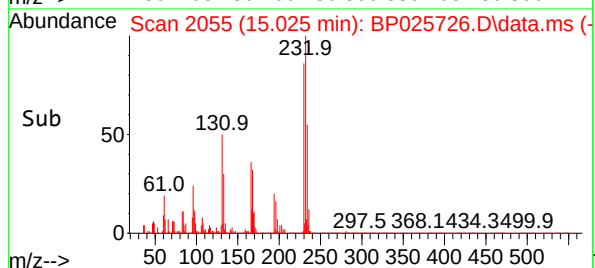
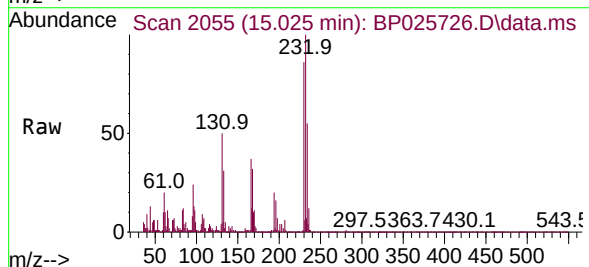
Manual Integrations
APPROVED

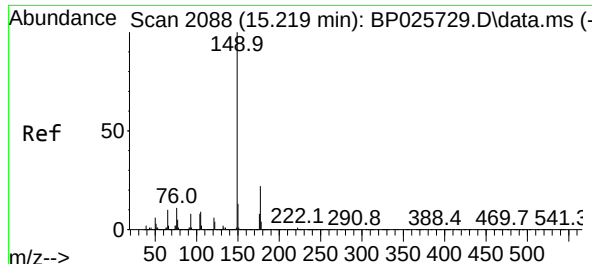
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.525 ng
RT: 15.025 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

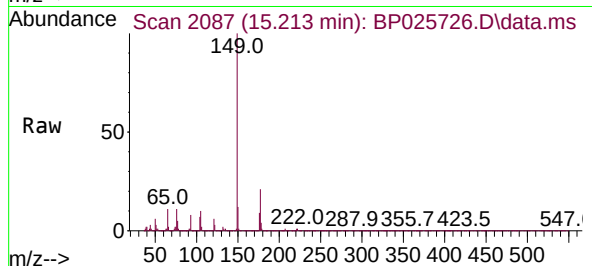
Tgt Ion:232 Resp: 30771
Ion Ratio Lower Upper
232 100
131 49.7 36.7 55.1
130 2.9 2.0 3.0
166 31.5 25.4 38.2





#60
Diethylphthalate
Concen: 5.077 ng
RT: 15.213 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

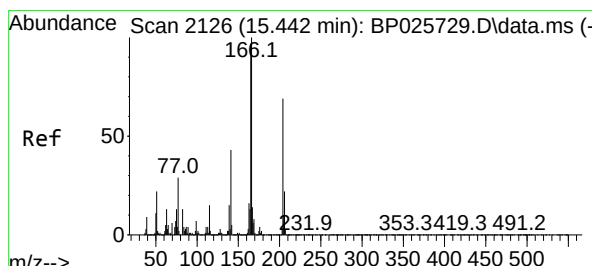
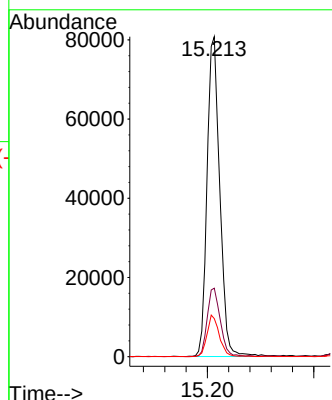
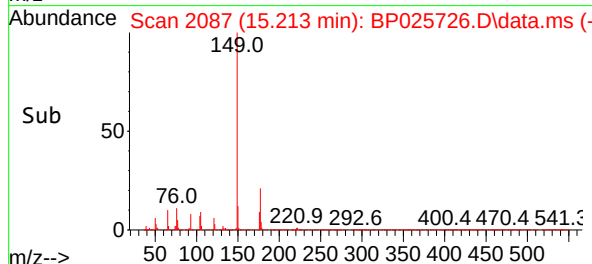
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 133865
Ion Ratio Lower Upper
149 100
177 21.4 17.7 26.5
150 11.9 10.0 15.0

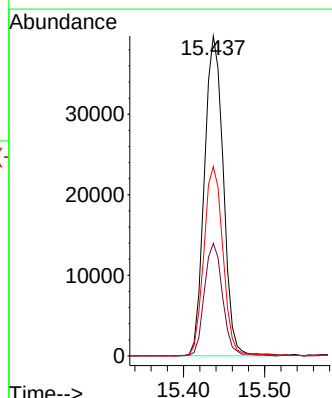
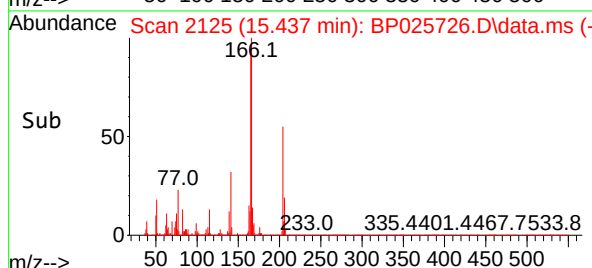
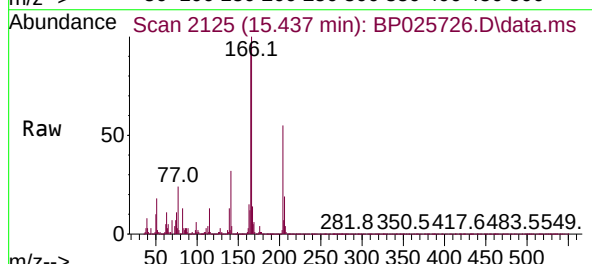
Manual Integrations
APPROVED

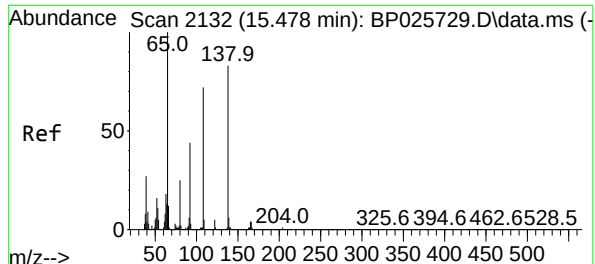
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#61
4-Chlorophenyl-phenylether
Concen: 5.236 ng
RT: 15.437 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

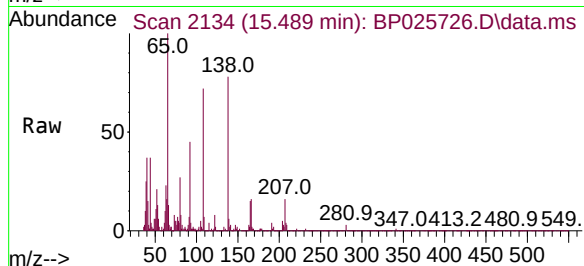
Tgt Ion:204 Resp: 64305
Ion Ratio Lower Upper
204 100
206 35.2 26.0 39.0
141 59.2 49.7 74.5





#62
4-Nitroaniline
Concen: 3.710 ng m
RT: 15.489 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

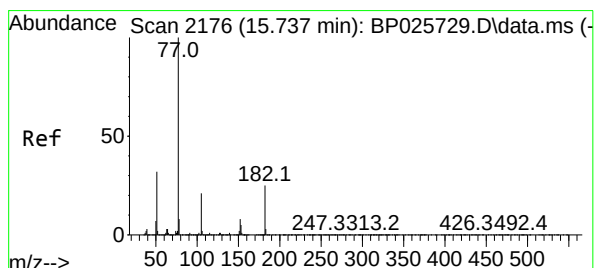
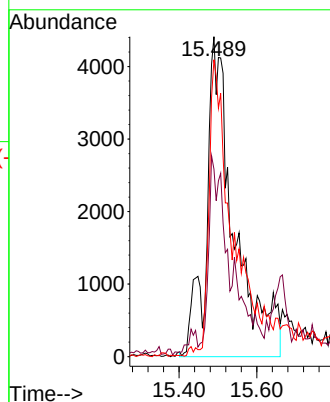
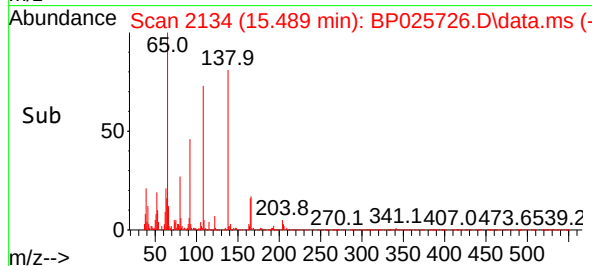
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 138 Resp: 21996
Ion Ratio Lower Upper
138 100
92 58.6 33.3 73.3
108 92.8 66.7 106.7

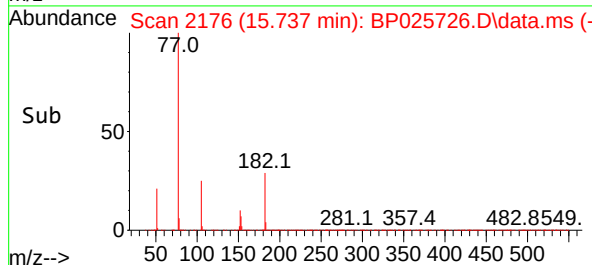
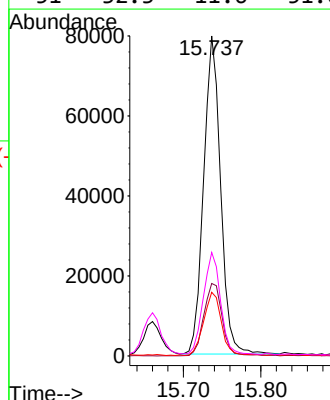
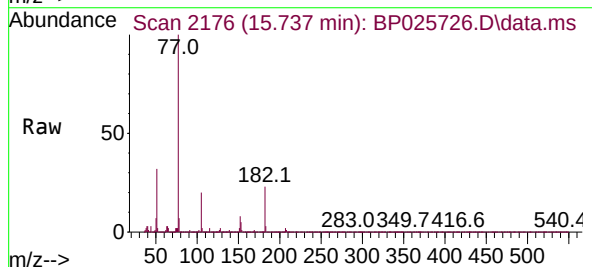
Manual Integrations
APPROVED

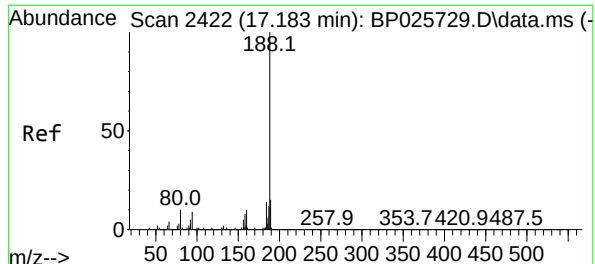
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#63
Azobenzene
Concen: 4.745 ng
RT: 15.737 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 77 Resp: 120979
Ion Ratio Lower Upper
77 100
182 22.6 5.2 45.2
105 19.9 1.1 41.1
51 32.3 11.6 51.6





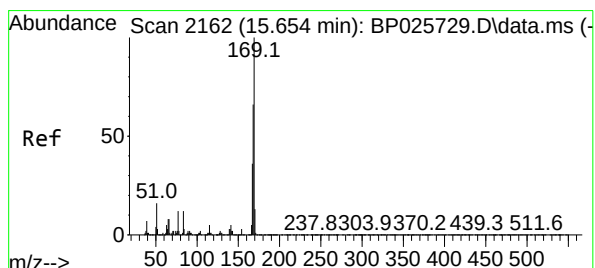
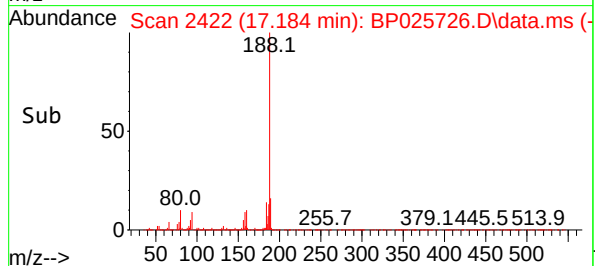
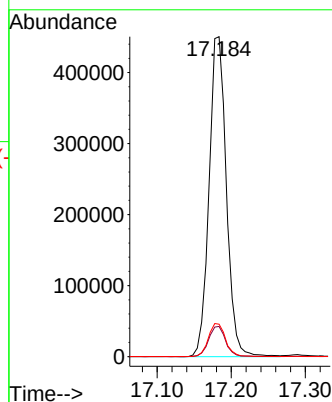
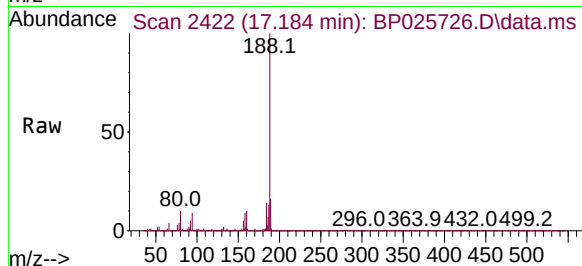
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion:188 Resp: 730553
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.1 7.7 11.5

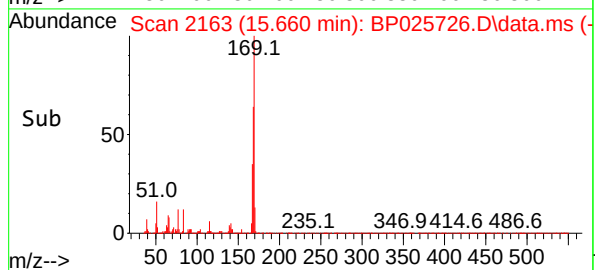
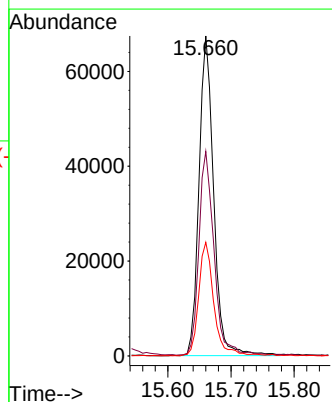
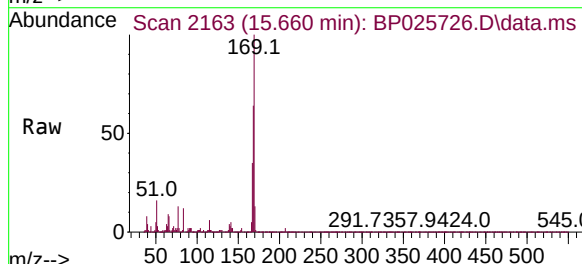
Manual Integrations
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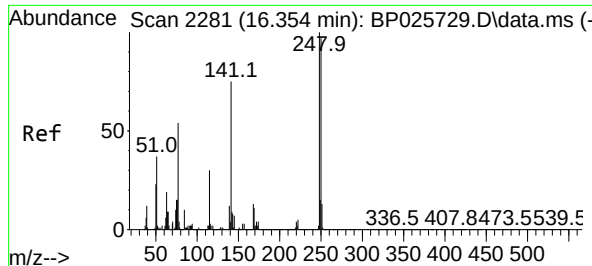
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#66
n-Nitrosodiphenylamine
Concen: 4.875 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

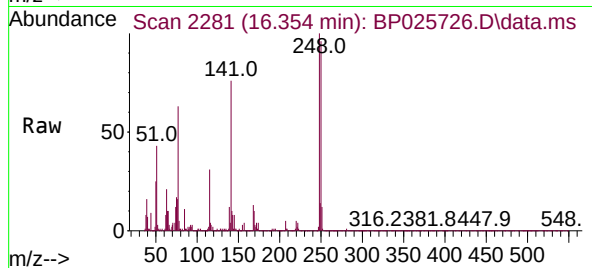
Tgt Ion:169 Resp: 108999
Ion Ratio Lower Upper
169 100
168 63.9 52.6 78.8
167 35.5 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 4.851 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

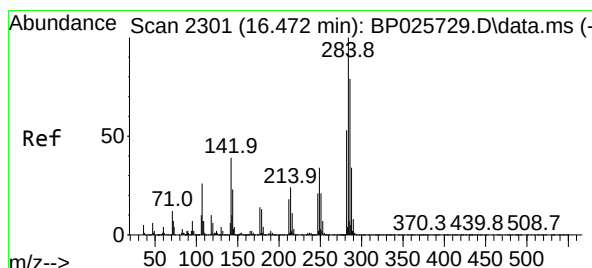
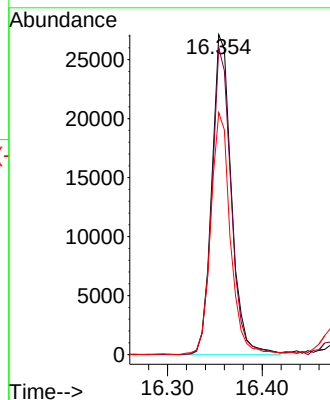
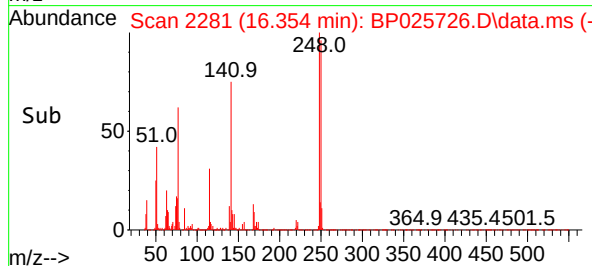
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:248 Resp: 38933
Ion Ratio Lower Upper
248 100
250 95.9 77.5 116.3
141 75.6 60.2 90.4

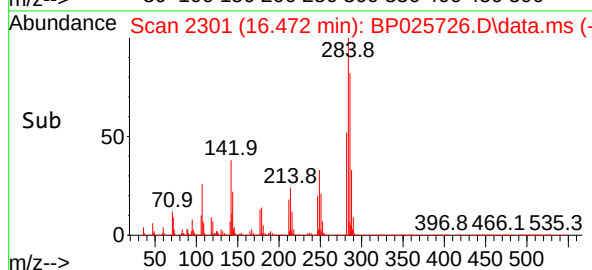
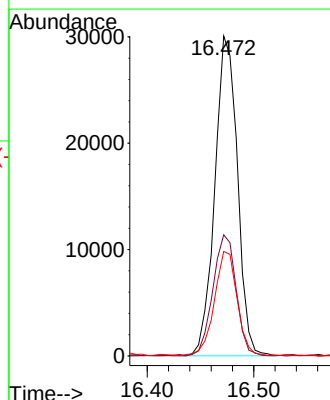
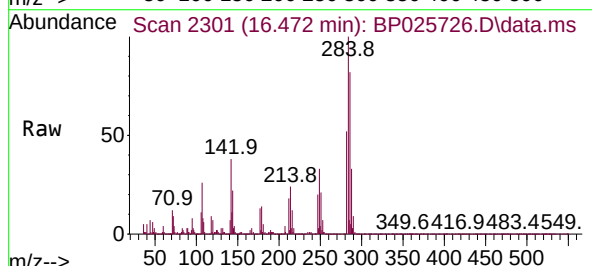
Manual Integrations
APPROVED

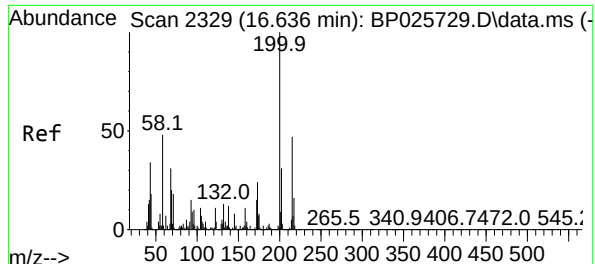
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#68
Hexachlorobenzene
Concen: 4.960 ng
RT: 16.472 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:284 Resp: 44390
Ion Ratio Lower Upper
284 100
142 37.8 31.3 46.9
249 32.6 27.3 40.9





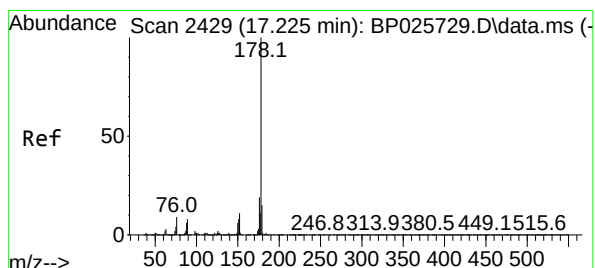
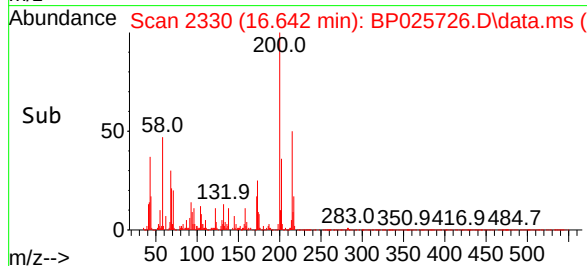
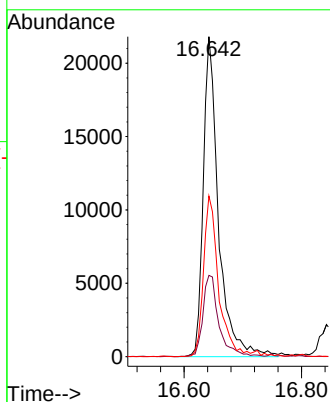
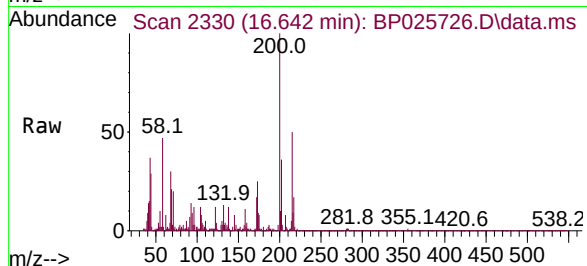
#69
Atrazine
Concen: 4.593 ng
RT: 16.642 min Scan# 2329
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Tgt Ion: 200 Resp: 3925
Ion Ratio Lower Upper
200 100
173 25.4 4.2 44.2
215 50.2 27.3 67.3

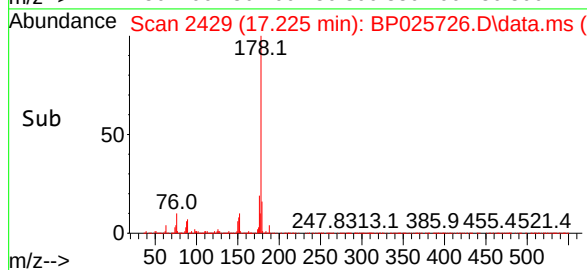
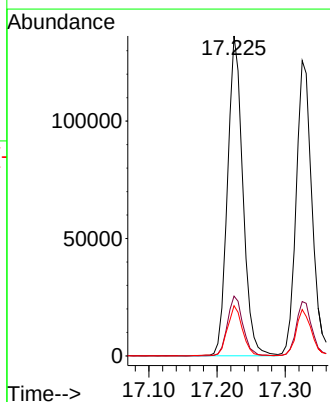
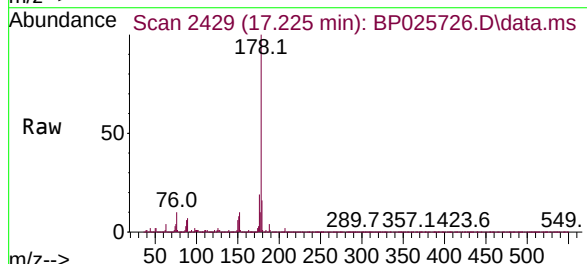
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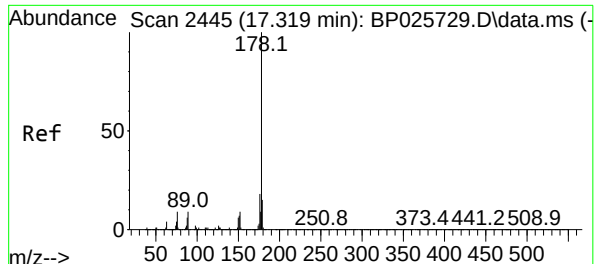
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#71
Phenanthrene
Concen: 5.127 ng
RT: 17.225 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 178 Resp: 212489
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.7 12.2 18.4





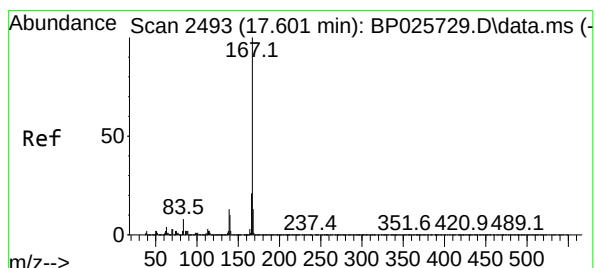
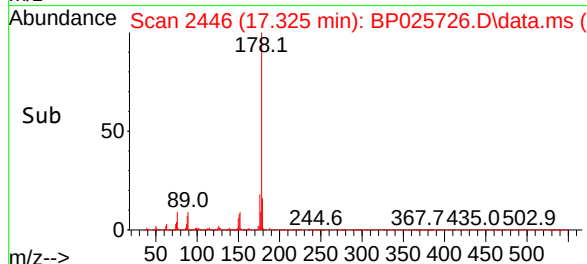
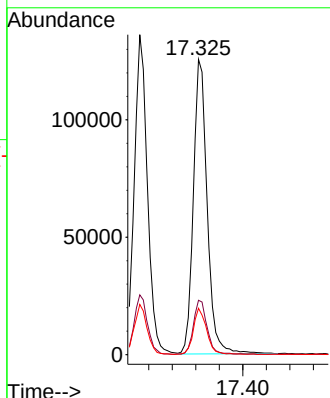
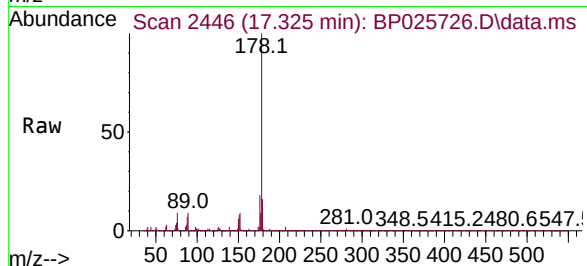
#72
 Anthracene
 Concen: 4.866 ng
 RT: 17.325 min Scan# 2445
 Delta R.T. 0.006 min
 Lab File: BP025726.D
 Acq: 11 Sep 2025 09:37

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Tgt Ion:178 Resp: 204585
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.7 12.2 18.4

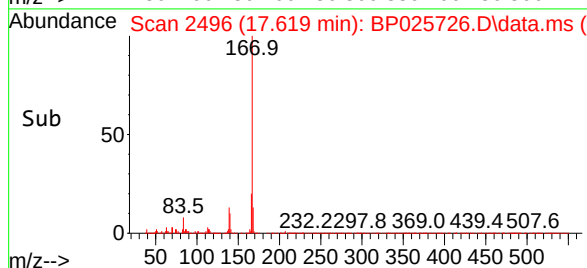
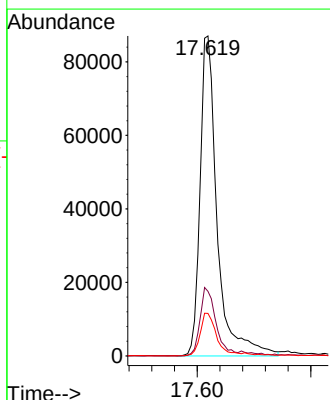
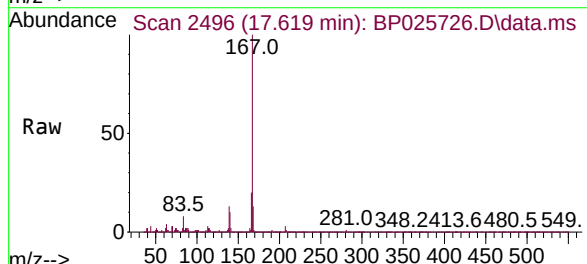
Manual Integrations
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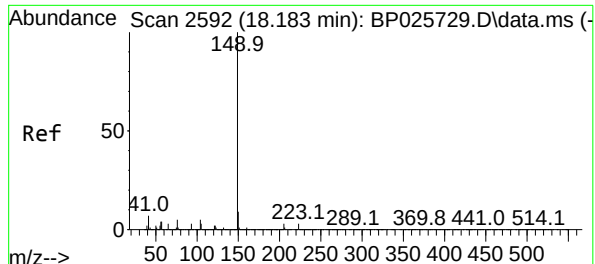
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025



#73
 Carbazole
 Concen: 4.644 ng
 RT: 17.619 min Scan# 2496
 Delta R.T. 0.018 min
 Lab File: BP025726.D
 Acq: 11 Sep 2025 09:37

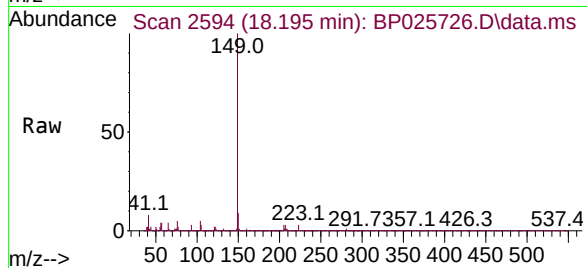
Tgt Ion:167 Resp: 181532
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.0 25.4
 139 13.3 10.6 16.0





#74
Di-n-butylphthalate
Concen: 4.692 ng
RT: 18.195 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

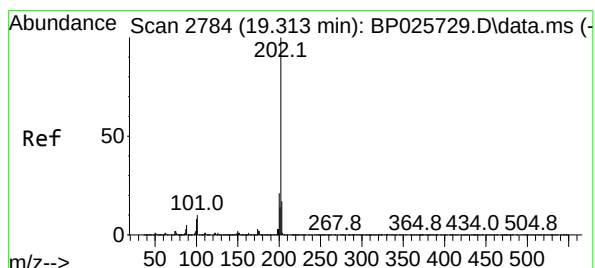
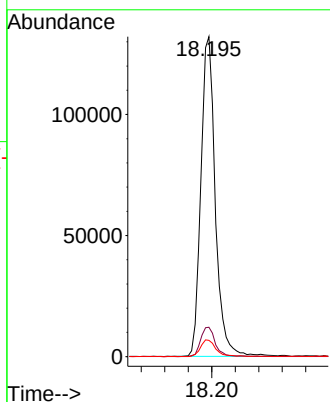
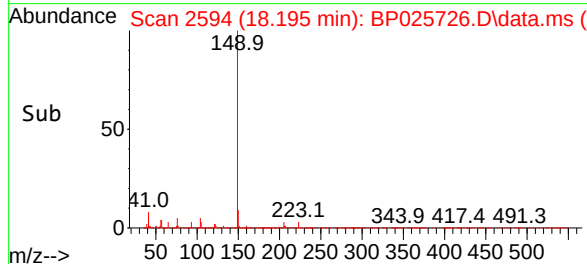
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 225100
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.3 6.5

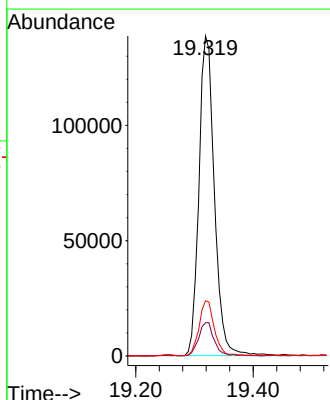
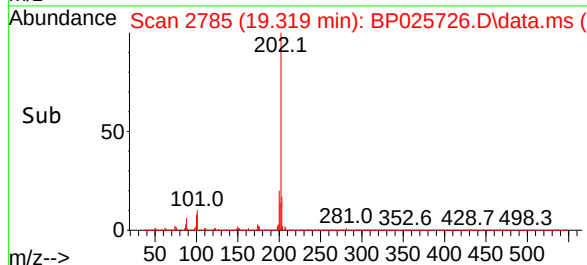
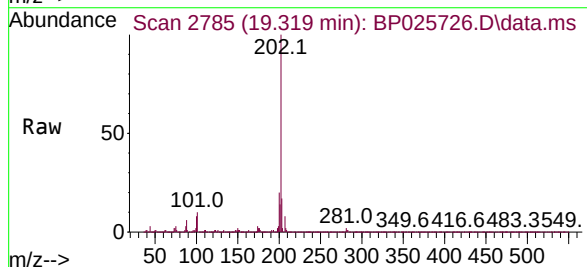
Manual Integrations
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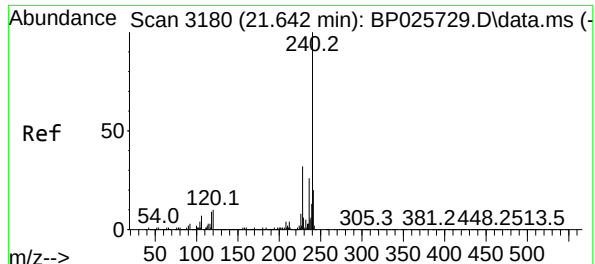
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#75
Fluoranthene
Concen: 5.096 ng
RT: 19.319 min Scan# 2785
Delta R.T. 0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:202 Resp: 253297
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.4
203 17.2 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 82467

Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

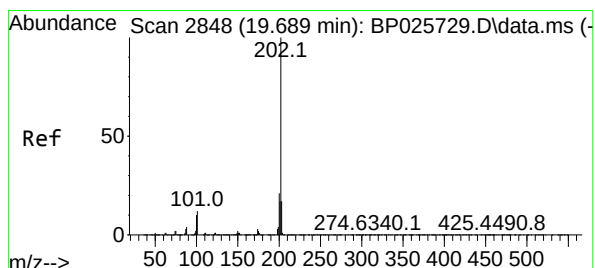
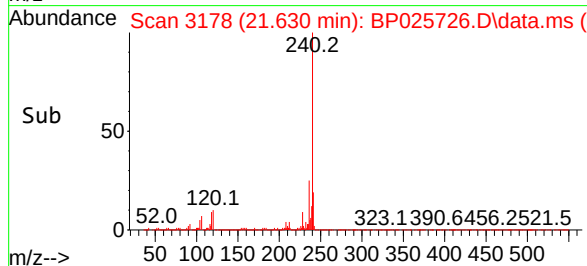
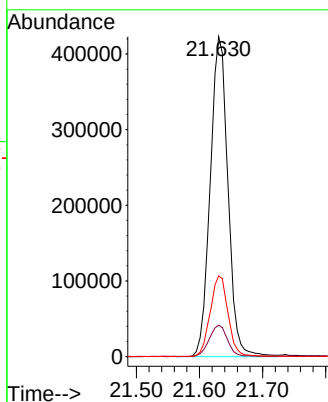
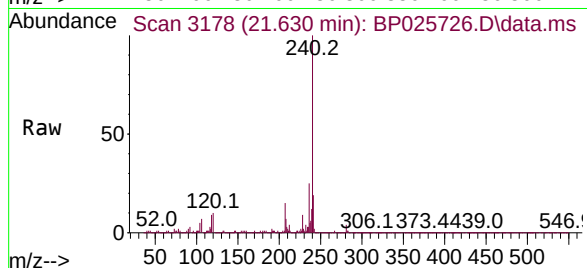
236 25.2 20.7 31.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#78

Pyrene

Concen: 4.895 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.012 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

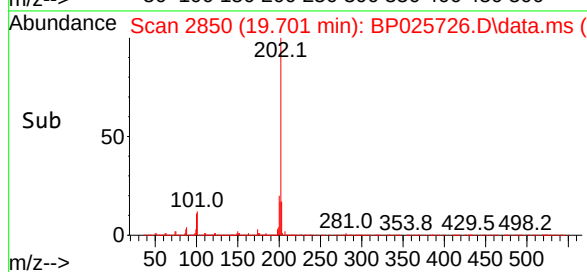
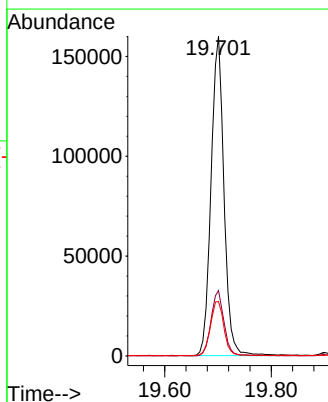
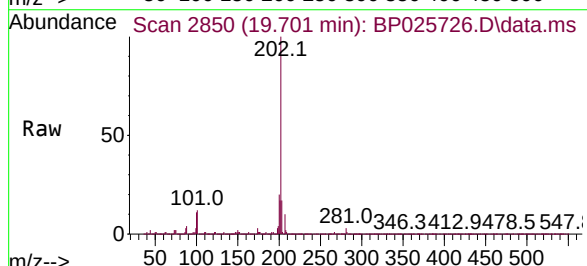
Tgt Ion:202 Resp: 269369

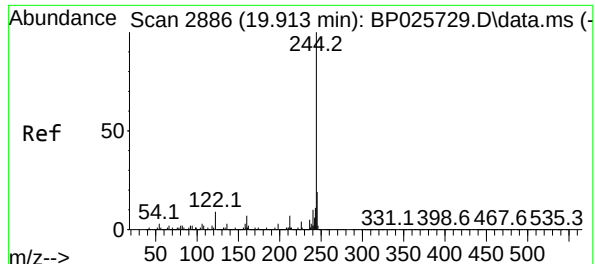
Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

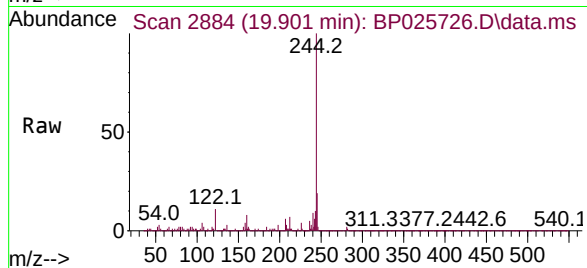
203 17.0 13.9 20.9





#79
Terphenyl-d14
Concen: 10.187 ng
RT: 19.901 min Scan# 2886
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

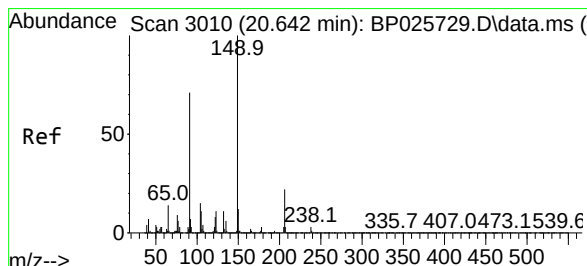
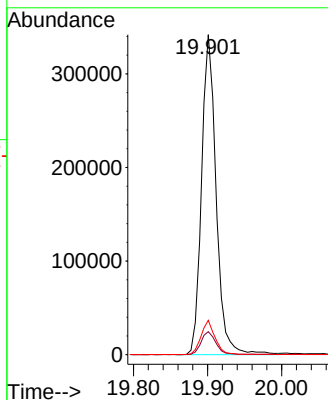
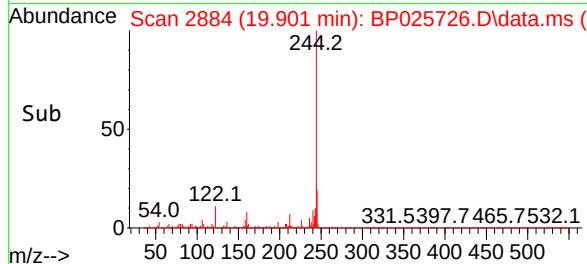
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



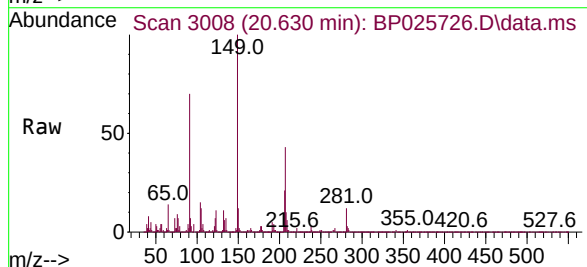
Tgt Ion:244 Resp: 466997
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.7 7.1 10.7

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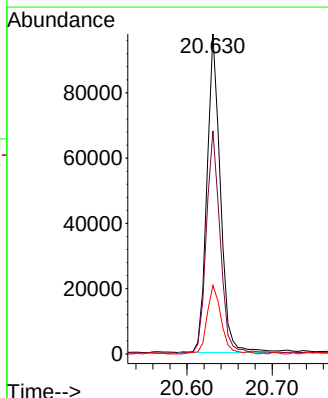
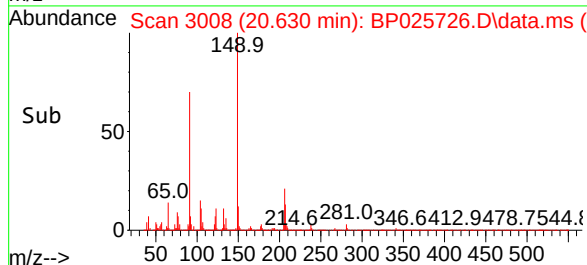
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

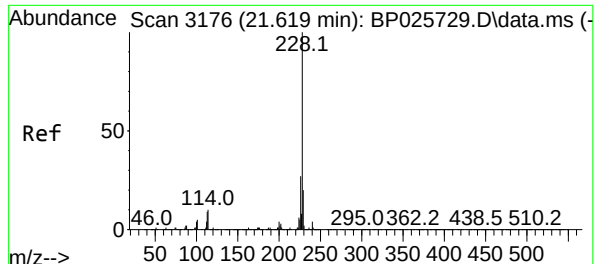


#80
Butylbenzylphthalate
Concen: 4.437 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37



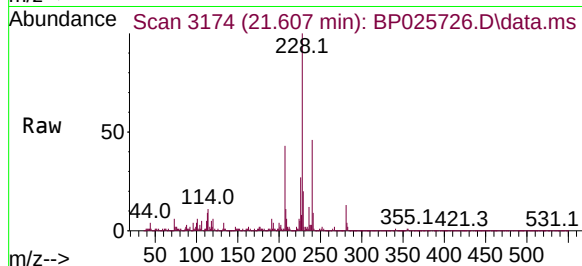
Tgt Ion:149 Resp: 107059
Ion Ratio Lower Upper
149 100
91 69.7 56.6 85.0
206 21.4 17.4 26.0





#81
Benzo(a)anthracene
Concen: 4.916 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

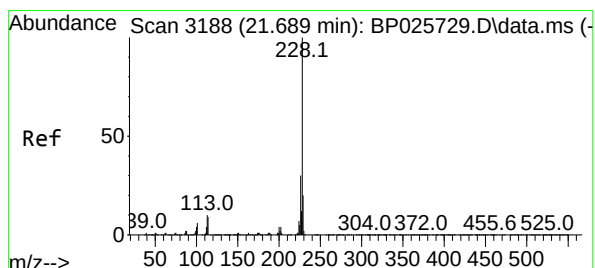
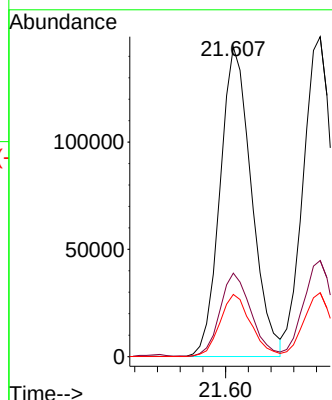
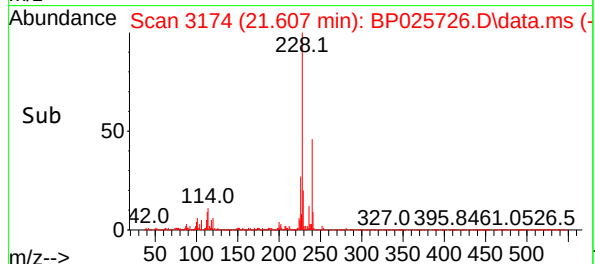
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:228 Resp: 27755
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 20.1 15.7 23.5

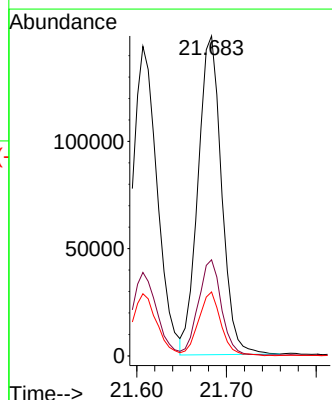
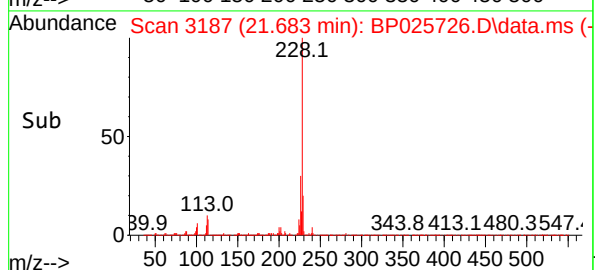
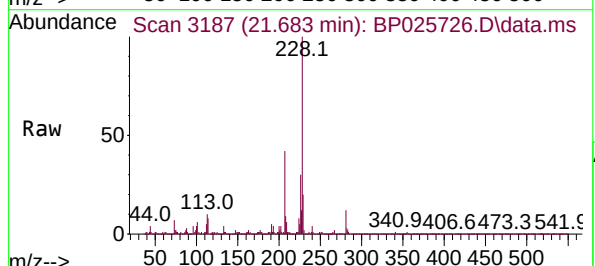
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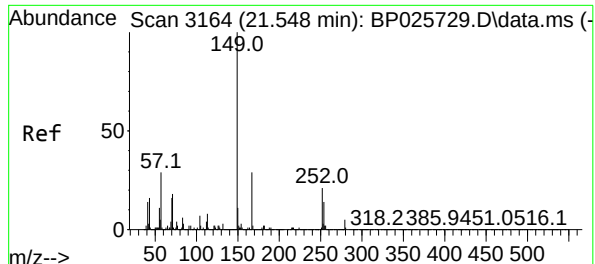
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#83
Chrysene
Concen: 5.040 ng
RT: 21.683 min Scan# 3187
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

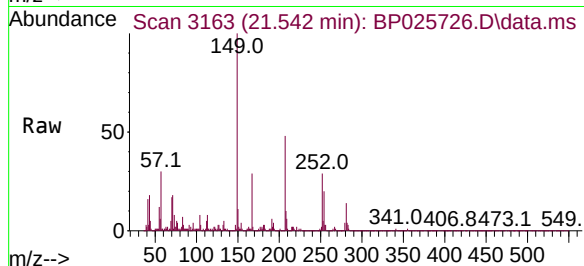
Tgt Ion:228 Resp: 271250
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 20.0 15.6 23.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.673 ng
RT: 21.542 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

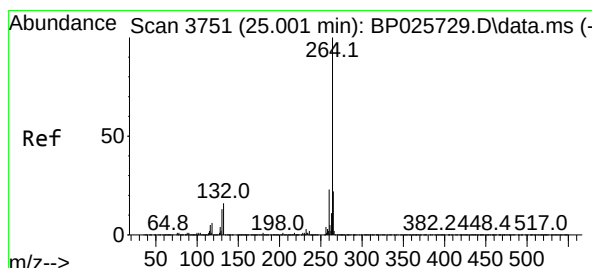
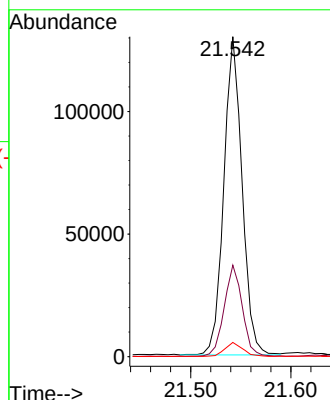
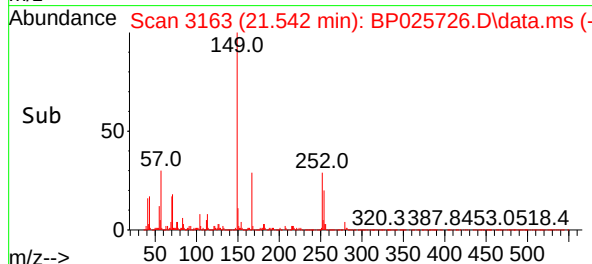
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion:149 Resp: 164937
Ion Ratio Lower Upper
149 100
167 28.6 22.9 34.3
279 4.4 3.8 5.8

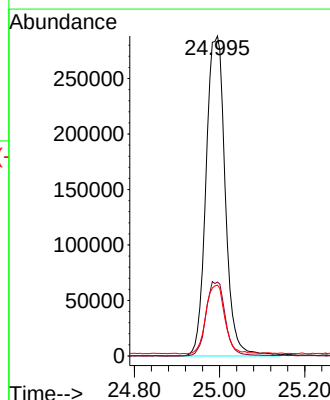
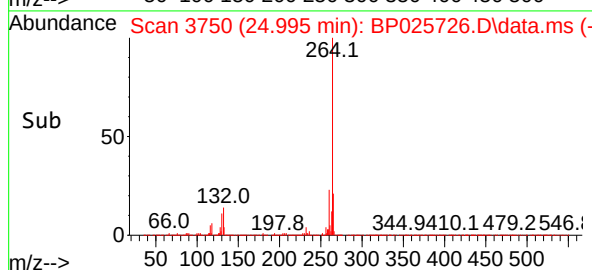
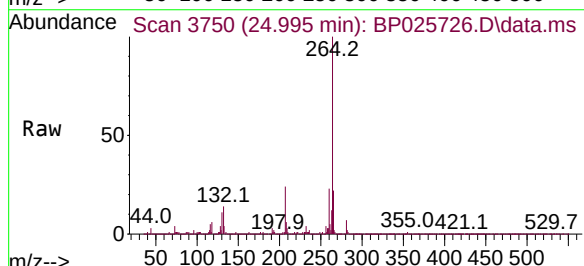
Manual Integrations
APPROVED

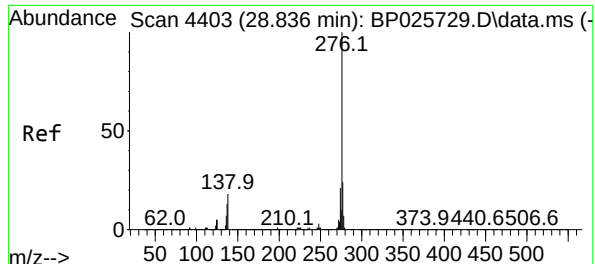
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion:264 Resp: 899115
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.607 ng

RT: 28.801 min Scan# 4397

Delta R.T. -0.035 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion: 276 Resp: 301229

Ion Ratio Lower Upper

276 100

138 14.1 13.4 20.2

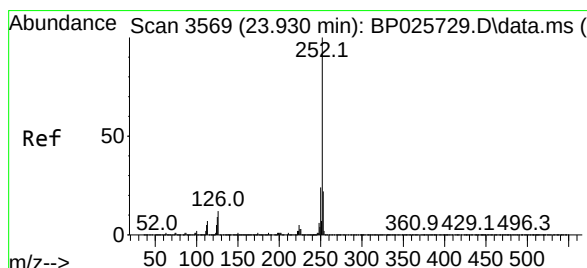
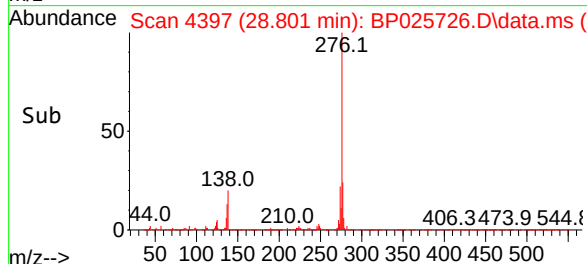
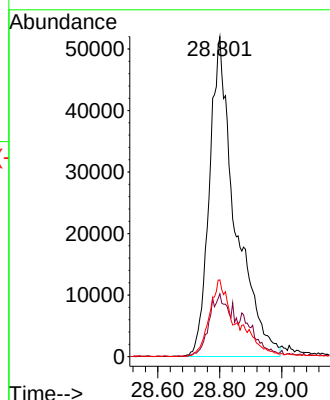
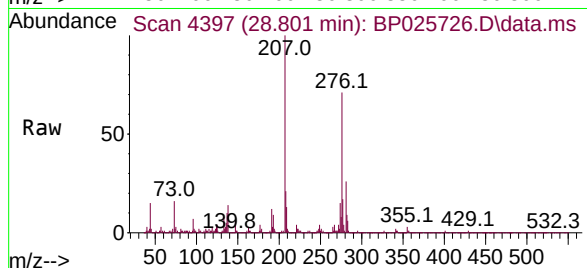
277 17.9 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#88

Benzo(b)fluoranthene

Concen: 4.595 ng

RT: 23.913 min Scan# 3566

Delta R.T. -0.018 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

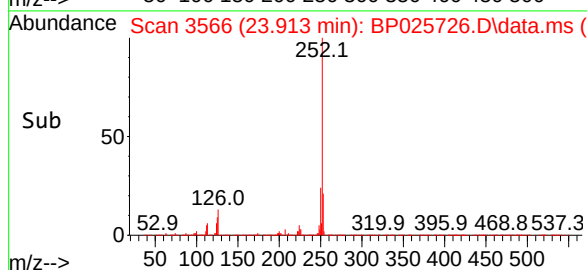
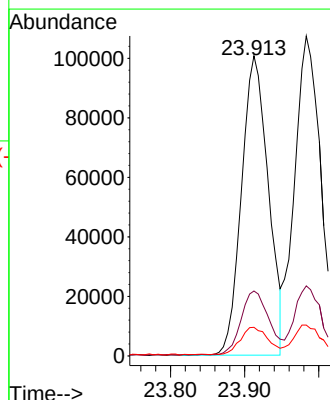
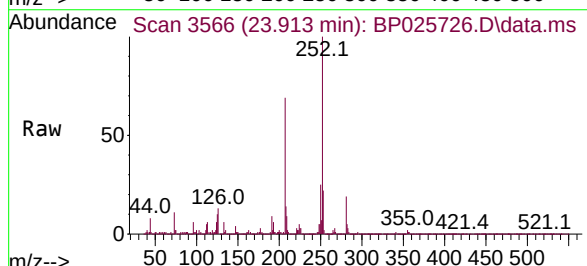
Tgt Ion: 252 Resp: 252672

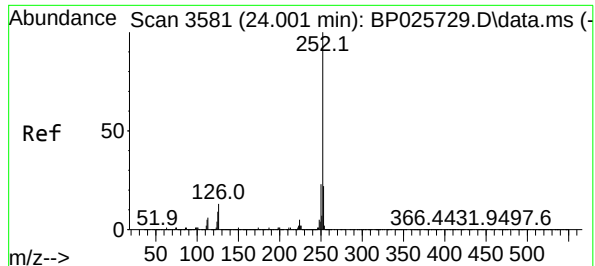
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 4.918 ng

RT: 23.983 min Scan# 3578

Delta R.T. -0.018 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

Instrument :

BNA_P

ClientSampleId :

SSTDICC005

Tgt Ion:252 Resp: 275940

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

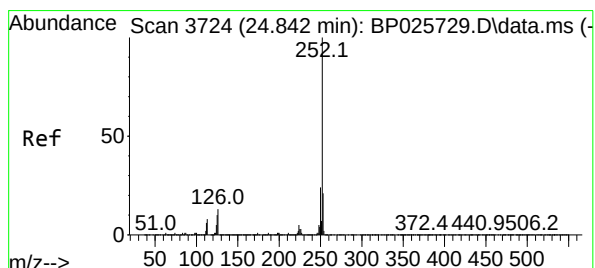
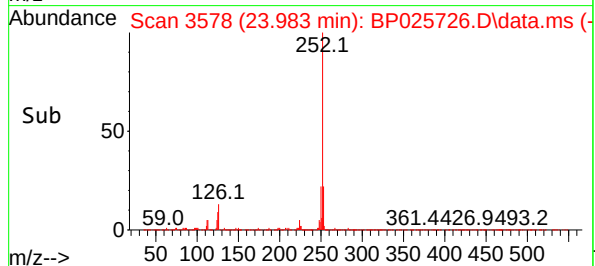
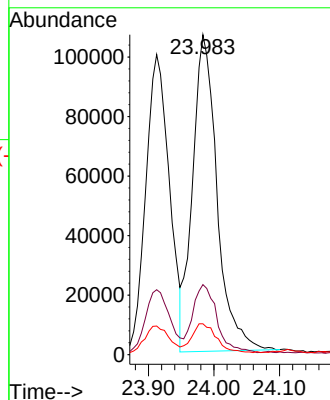
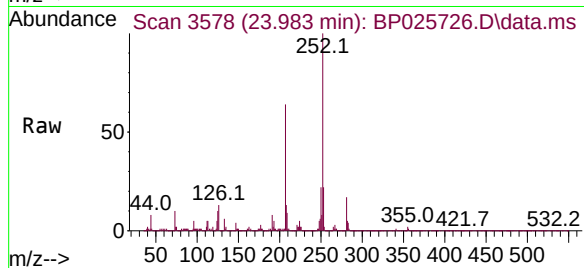
125 9.6 7.5 11.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 4.720 ng

RT: 24.824 min Scan# 3721

Delta R.T. -0.018 min

Lab File: BP025726.D

Acq: 11 Sep 2025 09:37

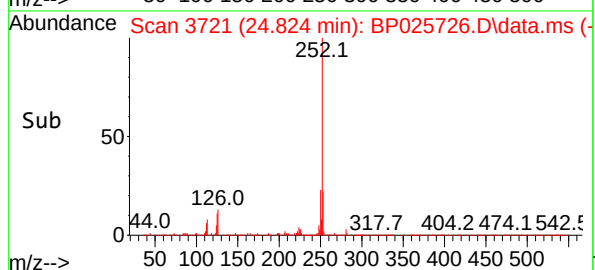
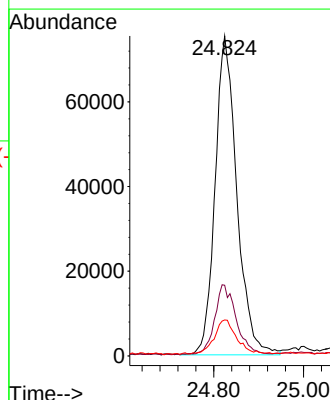
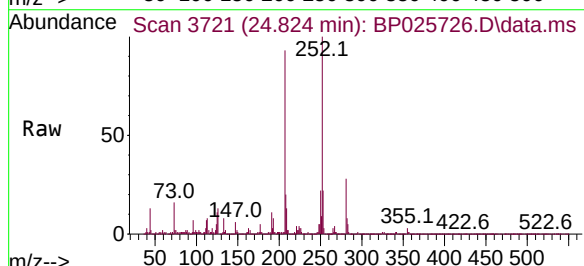
Tgt Ion:252 Resp: 254148

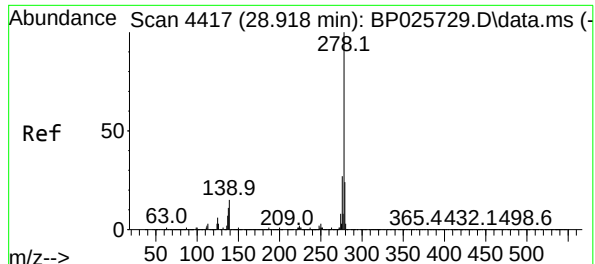
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

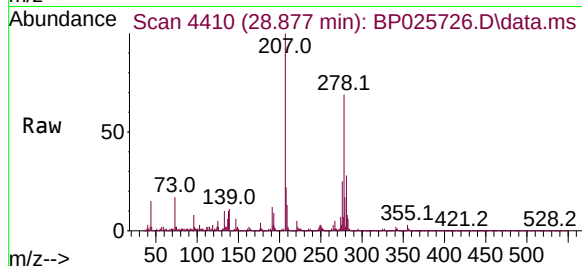
125 11.2 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 4.687 ng
RT: 28.877 min Scan# 4417
Delta R.T. -0.041 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

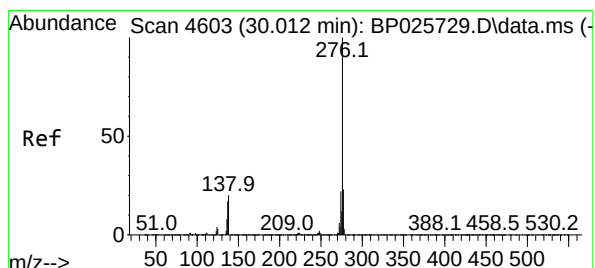
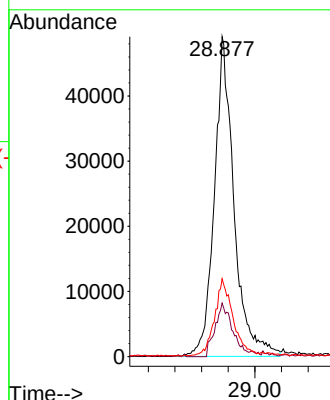
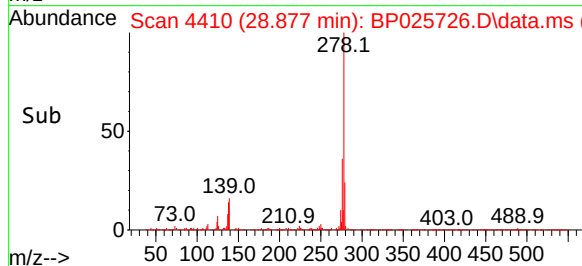
Instrument :
BNA_P
ClientSampleId :
SSTDICC005



Tgt Ion: 278 Resp: 250801
Ion Ratio Lower Upper
278 100
139 16.7 12.1 18.1
279 24.3 19.6 29.4

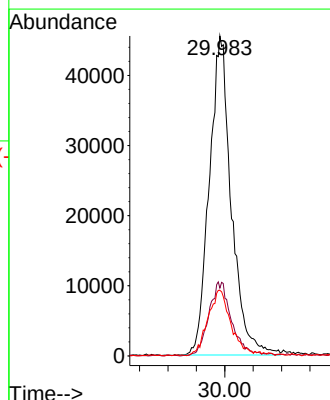
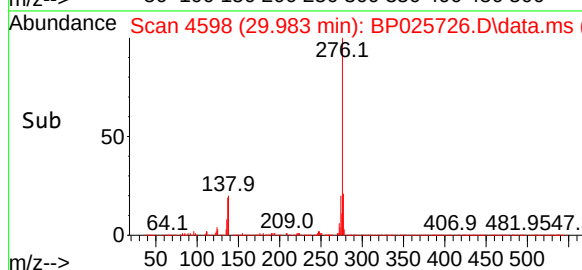
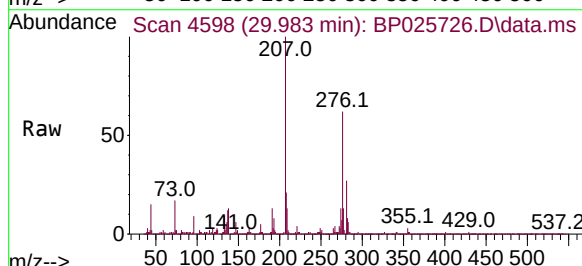
Manual Integrations
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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 4.657 ng
RT: 29.983 min Scan# 4598
Delta R.T. -0.029 min
Lab File: BP025726.D
Acq: 11 Sep 2025 09:37

Tgt Ion: 276 Resp: 245079
Ion Ratio Lower Upper
276 100
277 21.2 18.7 28.1
138 20.5 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025727.D
 Acq On : 11 Sep 2025 10:18
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	130279	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	533074	20.000	ng	0.00
39) Acenaphthene-d10	14.366	164	373569	20.000	ng	-0.01
64) Phenanthrene-d10	17.183	188	783581	20.000	ng	0.00
76) Chrysene-d12	21.636	240	866064	20.000	ng	0.00
86) Perylene-d12	24.989	264	954952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	146309	18.121	ng	0.00
7) Phenol-d6	6.949	99	190237	17.726	ng	0.00
23) Nitrobenzene-d5	8.902	82	218368	18.070	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	84835	18.207	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	548995	19.568	ng	0.00
79) Terphenyl-d14	19.907	244	946504	19.661	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	32347	9.545	ng	98
3) Pyridine	3.714	79	85764	9.191	ng	98
4) n-Nitrosodimethylamine	3.619	42	41618	9.452	ng	98
6) Aniline	7.096	93	129012	8.757	ng	98
8) 2-Chlorophenol	7.337	128	77937	8.799	ng	98
9) Benzaldehyde	6.913	77	67547m	10.513	ng	
10) Phenol	6.978	94	99362	8.781	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	79609	8.756	ng	99
12) 1,3-Dichlorobenzene	7.649	146	94257	9.350	ng	98
13) 1,4-Dichlorobenzene	7.796	146	96090	9.357	ng	99
14) 1,2-Dichlorobenzene	8.107	146	93300	9.352	ng	99
15) Benzyl Alcohol	8.007	79	71103	8.018	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.278	45	138959	9.346	ng	98
17) 2-Methylphenol	8.207	107	67077	8.792	ng	99
18) Hexachloroethane	8.831	117	36252	9.242	ng	95
19) n-Nitroso-di-n-propyla...	8.554	70	68213	9.222	ng	98
20) 3+4-Methylphenols	8.537	107	88058	8.241	ng	99
22) Acetophenone	8.572	105	130184	9.138	ng	# 97
24) Nitrobenzene	8.943	77	96781	8.927	ng	97
25) Isophorone	9.466	82	193432	9.106	ng	98
26) 2-Nitrophenol	9.654	139	41028	8.524	ng	93
27) 2,4-Dimethylphenol	9.719	122	76321	9.038	ng	94
28) bis(2-Chloroethoxy)met...	9.937	93	112758	9.183	ng	99
29) 2,4-Dichlorophenol	10.207	162	71856	8.535	ng	96
30) 1,2,4-Trichlorobenzene	10.390	180	89376	9.419	ng	99
31) Naphthalene	10.572	128	274007	9.533	ng	99
32) Benzoic acid	9.837	122	45191m	7.198	ng	
33) 4-Chloroaniline	10.696	127	104287	8.705	ng	98
34) Hexachlorobutadiene	10.860	225	58279	9.541	ng	98
35) Caprolactam	11.466	113	28000m	8.645	ng	
36) 4-Chloro-3-methylphenol	11.825	107	90104	8.976	ng	97
37) 2-Methylnaphthalene	12.184	142	170398	9.230	ng	99
38) 1-Methylnaphthalene	12.401	142	184127	9.353	ng	97
40) 1,2,4,5-Tetrachloroben...	12.554	216	104709	9.250	ng	100
41) Hexachlorocyclopentadiene	12.531	237	42087	6.826	ng	94
43) 2,4,6-Trichlorophenol	12.807	196	66063	8.877	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025727.D
 Acq On : 11 Sep 2025 10:18
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	72578	8.763	ng	95
46) 1,1'-Biphenyl	13.195	154	256914	9.370	ng	99
47) 2-Chloronaphthalene	13.242	162	203648	9.432	ng	99
48) 2-Nitroaniline	13.454	65	61991	8.613	ng	97
49) Acenaphthylene	14.089	152	334623	9.354	ng	99
50) Dimethylphthalate	13.825	163	267725	9.387	ng	99
51) 2,6-Dinitrotoluene	13.942	165	54414	9.005	ng	99
52) Acenaphthene	14.437	154	196467	9.523	ng	100
53) 3-Nitroaniline	14.284	138	52642	8.285	ng	98
54) 2,4-Dinitrophenol	14.513	184	20208	9.658	ng	96
55) Dibenzofuran	14.778	168	327607	9.743	ng	99
56) 4-Nitrophenol	14.648	139	27599	9.243	ng	88
57) 2,4-Dinitrotoluene	14.748	165	74291	8.639	ng	99
58) Fluorene	15.436	166	258111	9.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	67402	9.034	ng	100
60) Diethylphthalate	15.213	149	274993	9.505	ng	100
61) 4-Chlorophenyl-phenyle...	15.431	204	130552	9.689	ng	98
62) 4-Nitroaniline	15.472	138	52570	8.082	ng	94
63) Azobenzene	15.731	77	258320	9.235	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	36614	7.026	ng	94
66) n-Nitrosodiphenylamine	15.654	169	224671	9.369	ng	99
67) 4-Bromophenyl-phenylether	16.354	248	79245	9.206	ng	98
68) Hexachlorobenzene	16.472	284	90039	9.379	ng	99
69) Atrazine	16.636	200	82175	8.965	ng	98
70) Pentachlorophenol	16.836	266	51635	8.150	ng	93
71) Phenanthrene	17.230	178	429178	9.655	ng	99
72) Anthracene	17.325	178	425513	9.435	ng	98
73) Carbazole	17.607	167	390923	9.323	ng	99
74) Di-n-butylphthalate	18.189	149	475436	9.240	ng	99
75) Fluoranthene	19.319	202	507116	9.513	ng	100
77) Benzidine	19.525	184	226459	9.078	ng	100
78) Pyrene	19.689	202	538053	9.311	ng	98
80) Butylbenzylphthalate	20.636	149	221238	8.731	ng	95
81) Benzo(a)anthracene	21.613	228	563687	9.507	ng	100
82) 3,3'-Dichlorobenzidine	21.530	252	184095	8.980	ng	100
83) Chrysene	21.683	228	542537	9.599	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	338402	9.129	ng	100
85) Di-n-octyl phthalate	22.818	149	569524	8.637	ng	98
87) Indeno(1,2,3-cd)pyrene	28.789	276	637024	9.173	ng	# 85
88) Benzo(b)fluoranthene	23.918	252	546577	9.360	ng	99
89) Benzo(k)fluoranthene	23.989	252	558830	9.378	ng	99
90) Benzo(a)pyrene	24.830	252	525444	9.188	ng	99
91) Dibenzo(a,h)anthracene	28.871	278	513228	9.031	ng	97
92) Benzo(g,h,i)perylene	29.995	276	514884	9.213	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

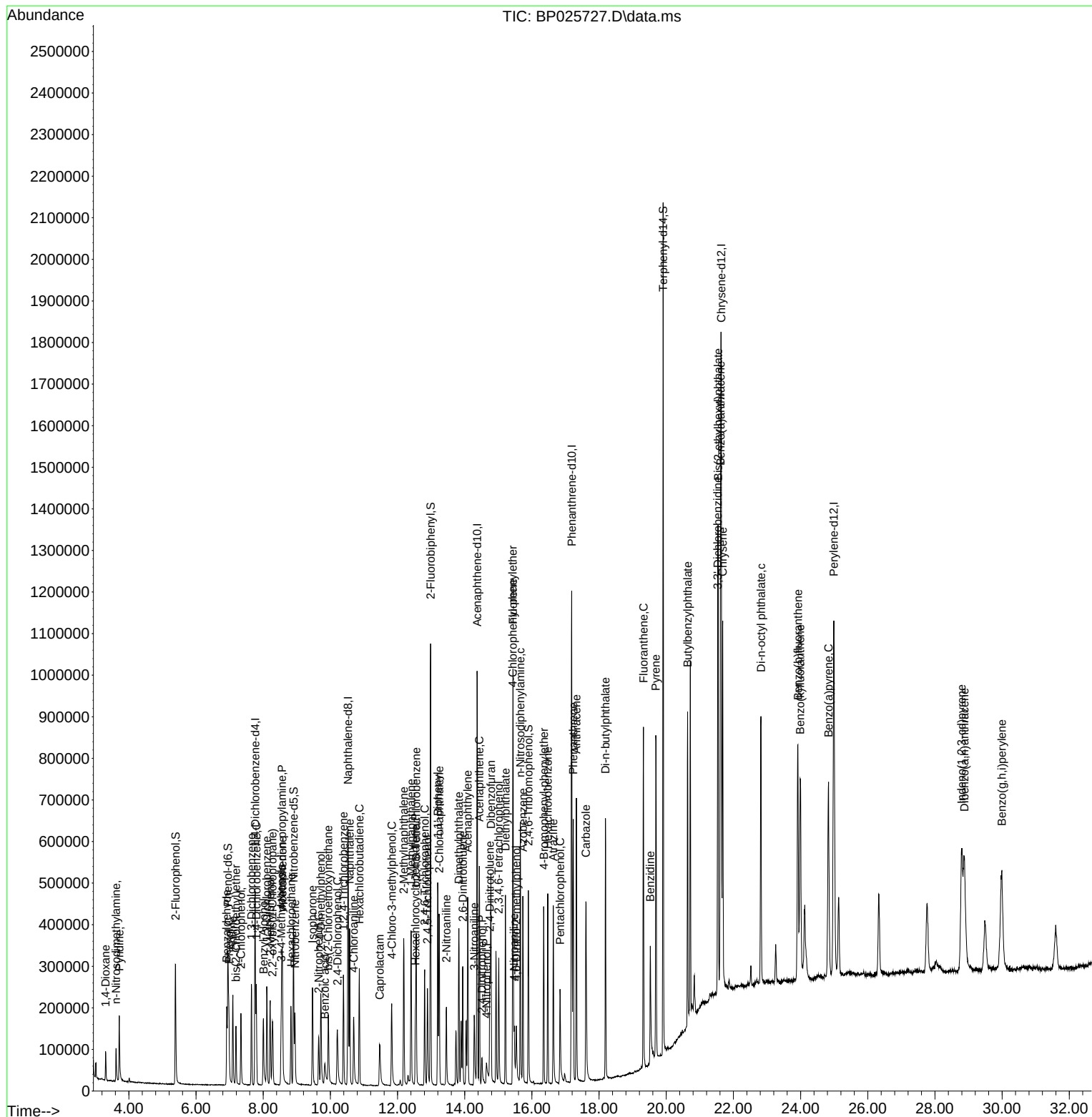
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Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

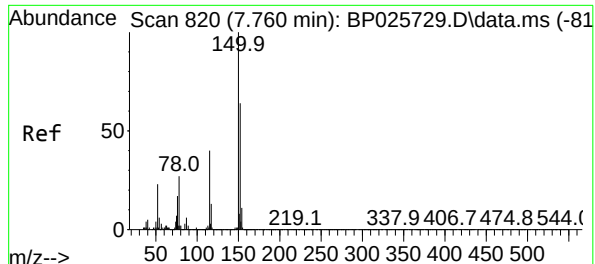
Instrument :
BNA_P
ClientSampleId :
SSTDICC010

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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

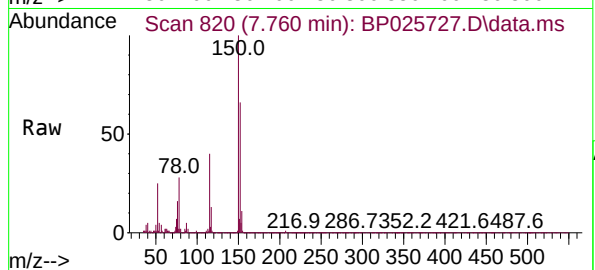
Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

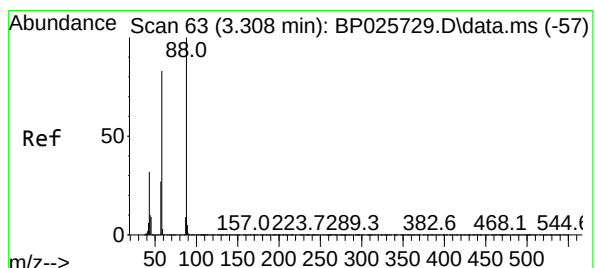
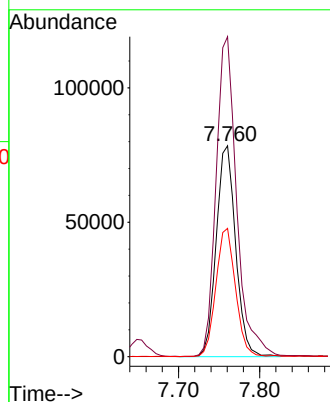
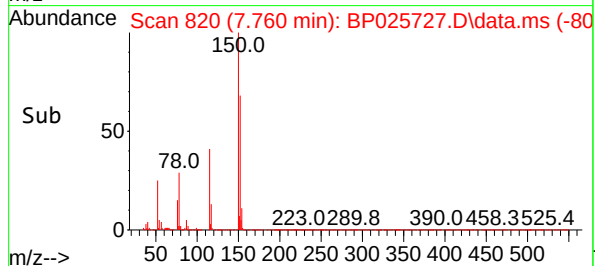
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 152 Resp: 130279
Ion Ratio Lower Upper
152 100
150 151.8 124.3 186.5
115 60.8 50.3 75.5

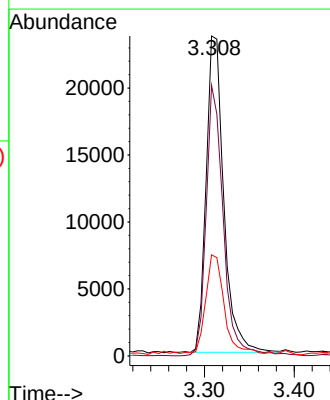
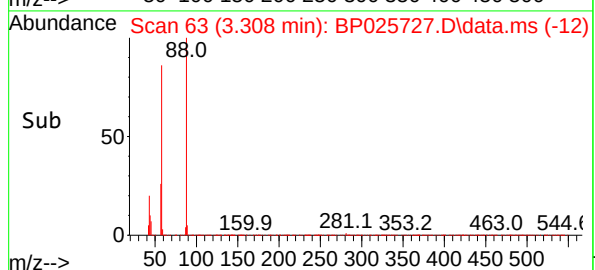
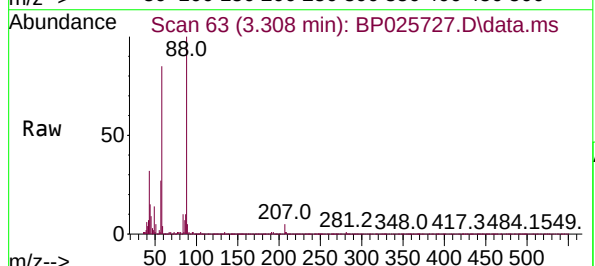
Manual Integrations
APPROVED

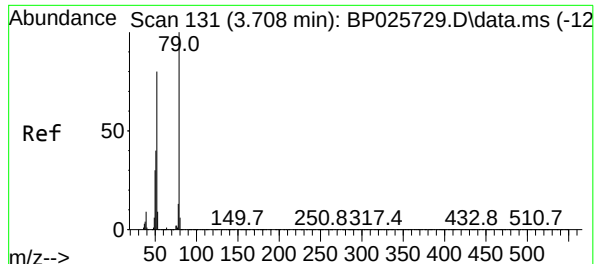
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 9.545 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 88 Resp: 32347
Ion Ratio Lower Upper
88 100
58 83.4 65.5 98.3
43 32.9 25.2 37.8





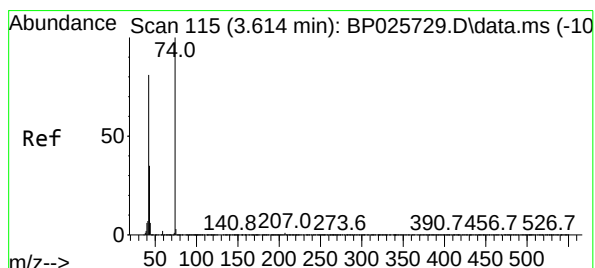
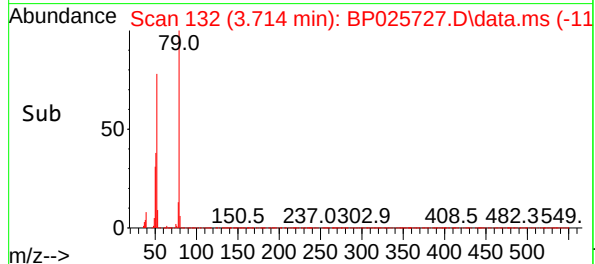
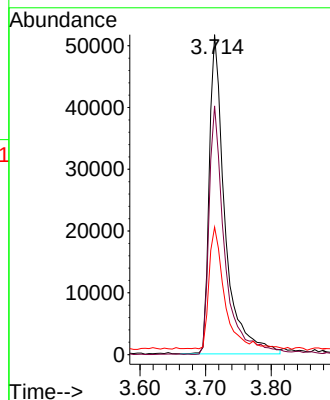
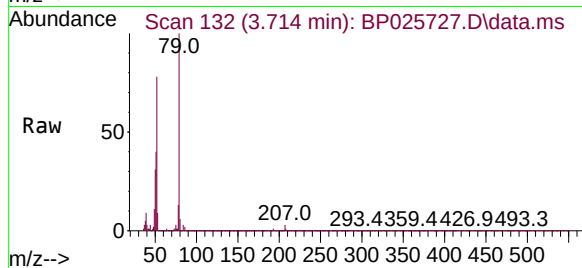
#3
Pyridine
Concen: 9.191 ng
RT: 3.714 min Scan# 131
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 79 Resp: 85764
Ion Ratio Lower Upper
79 100
52 77.7 63.7 95.5
51 39.8 32.4 48.6

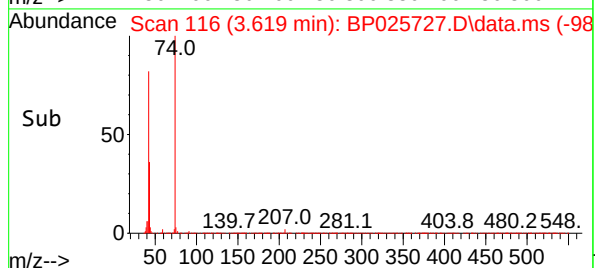
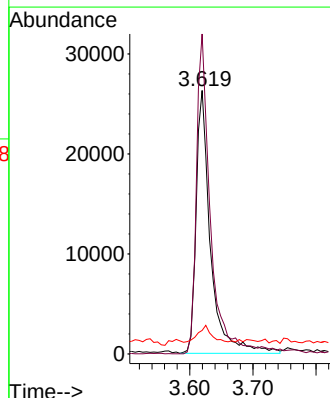
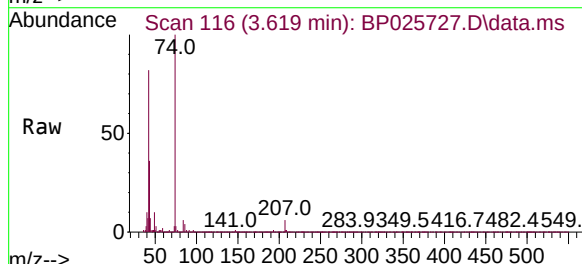
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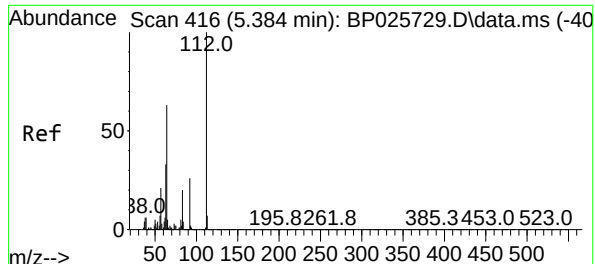
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#4
n-Nitrosodimethylamine
Concen: 9.452 ng
RT: 3.619 min Scan# 116
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

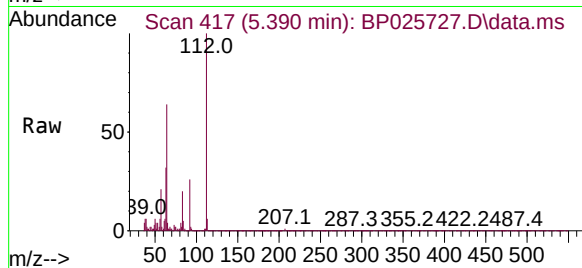
Tgt Ion: 42 Resp: 41618
Ion Ratio Lower Upper
42 100
74 121.4 99.2 148.8
44 8.9 6.4 9.6





#5
2-Fluorophenol
Concen: 18.121 ng
RT: 5.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

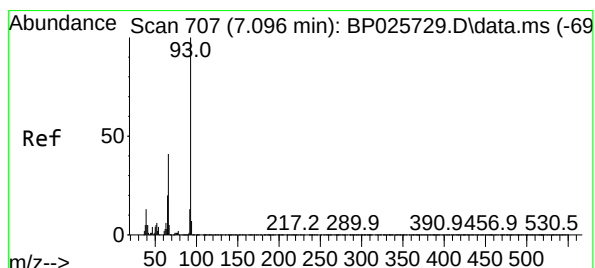
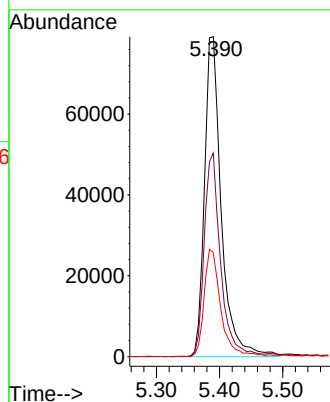
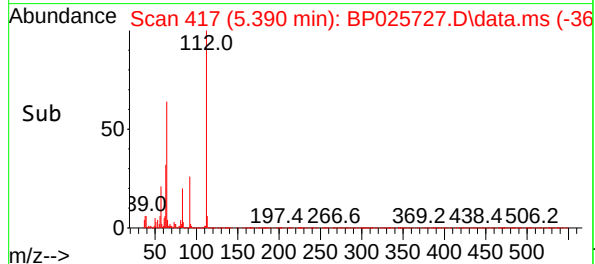
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 112 Resp: 146309
Ion Ratio Lower Upper
112 100
64 63.6 50.2 75.4
63 32.5 26.7 40.1

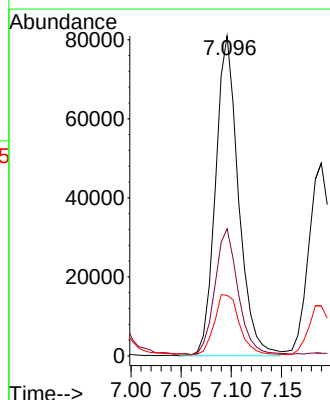
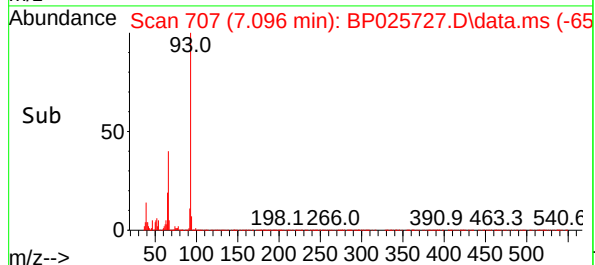
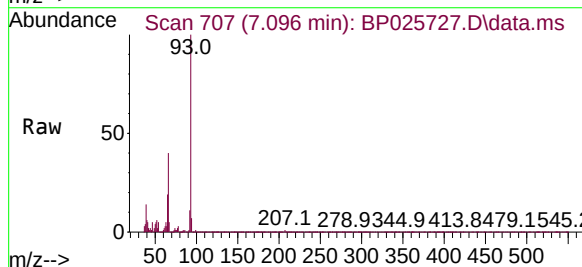
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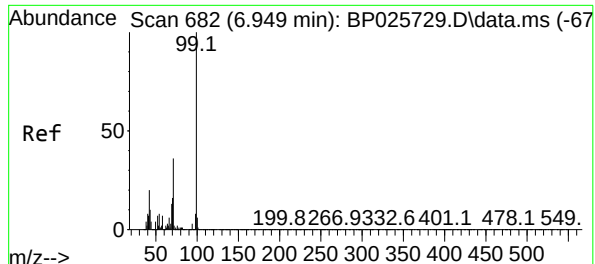
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 8.757 ng
RT: 7.096 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 93 Resp: 129012
Ion Ratio Lower Upper
93 100
66 39.7 32.6 49.0
65 18.9 16.2 24.2





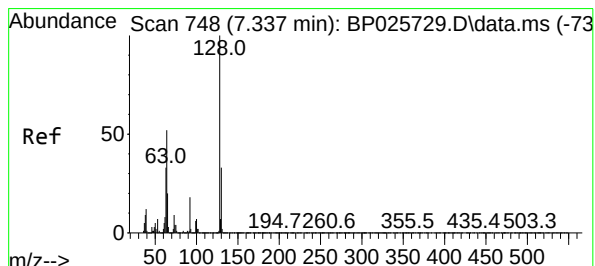
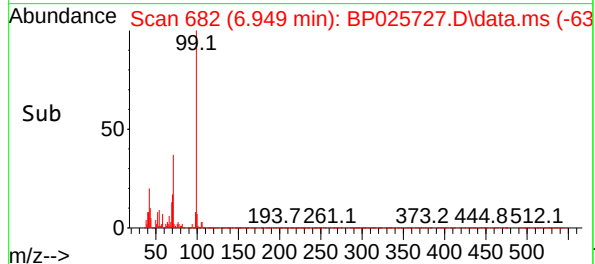
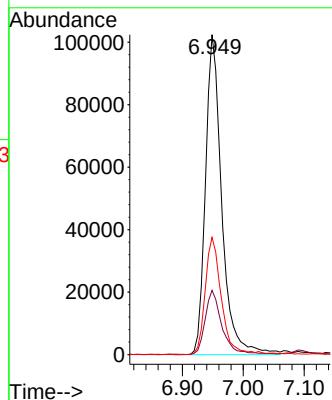
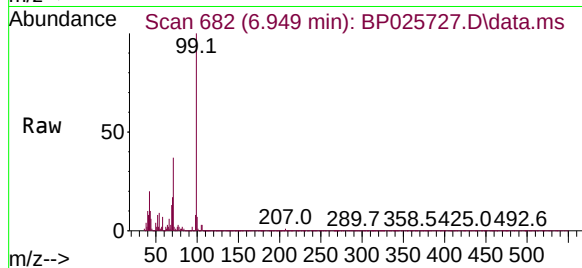
#7
Phenol-d6
Concen: 17.726 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 190237
Ion Ratio Lower Upper
99 100
42 20.1 15.6 23.4
71 36.6 28.6 43.0

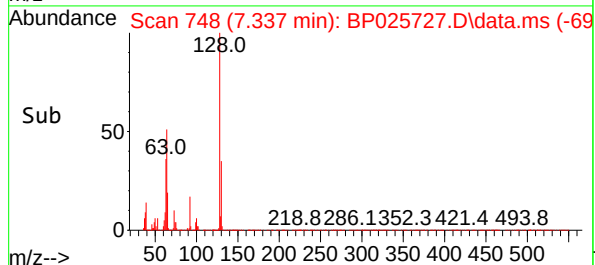
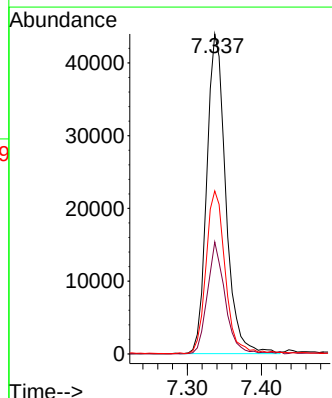
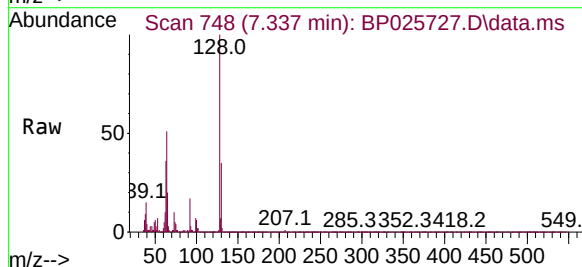
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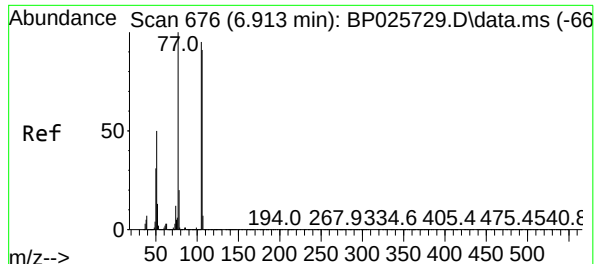
Reviewed By :Rahul Chavli 09/12/2025
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#8
2-Chlorophenol
Concen: 8.799 ng
RT: 7.337 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

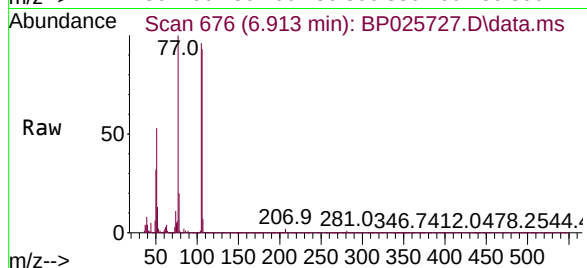
Tgt Ion:128 Resp: 77937
Ion Ratio Lower Upper
128 100
130 35.0 12.6 52.6
64 50.9 31.6 71.6





#9
Benzaldehyde
Concen: 10.513 ng m
RT: 6.913 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

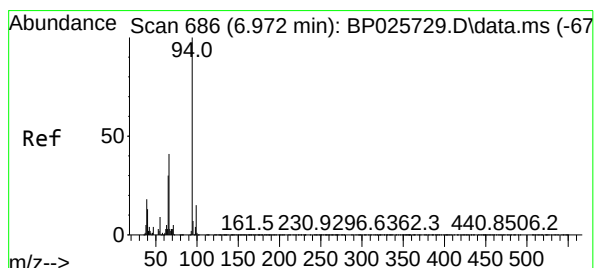
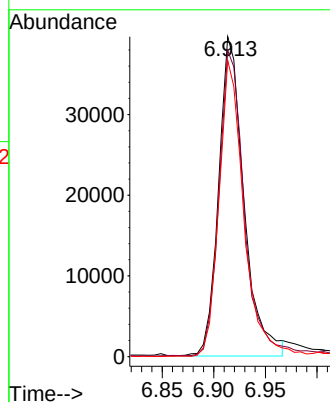
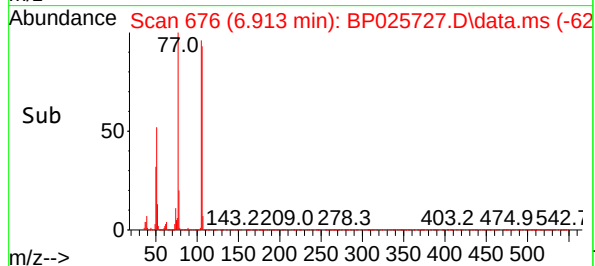
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 6754
Ion Ratio Lower Upper
77 100
105 95.6 75.2 115.2
106 92.5 71.3 111.3

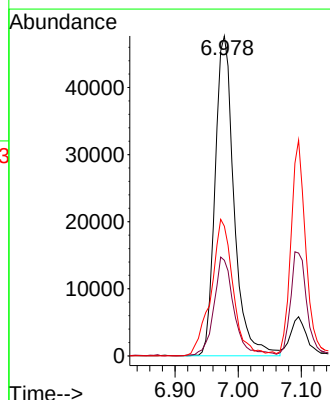
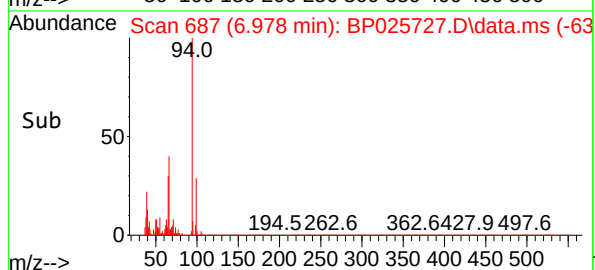
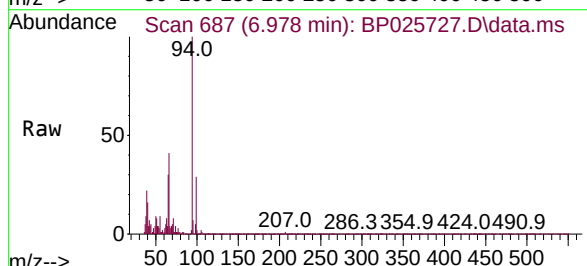
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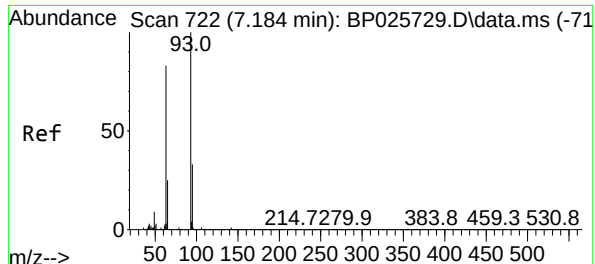
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 8.781 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 94 Resp: 99362
Ion Ratio Lower Upper
94 100
65 29.9 10.2 50.2
66 40.5 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 8.756 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 93 Resp: 79609

Ion Ratio Lower Upper

93 100

63 83.5 62.6 102.6

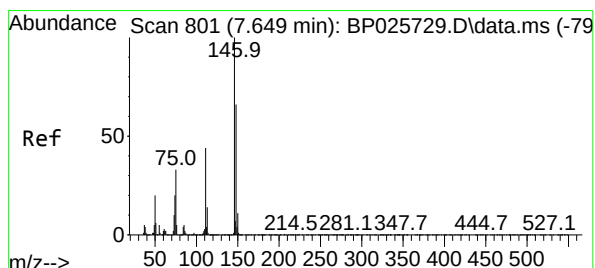
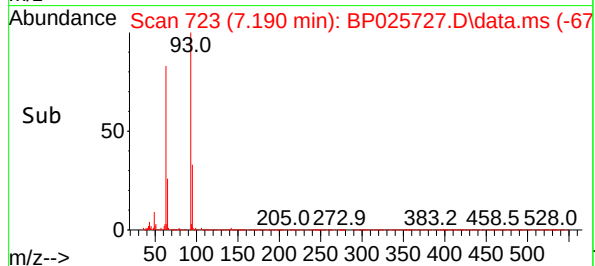
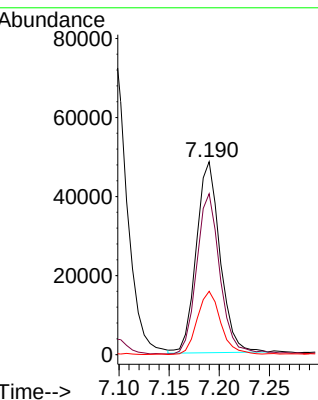
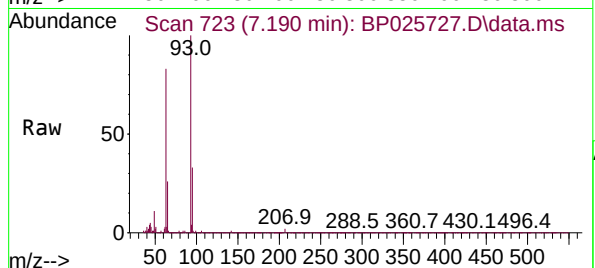
95 32.8 13.2 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 9.350 ng

RT: 7.649 min Scan# 801

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

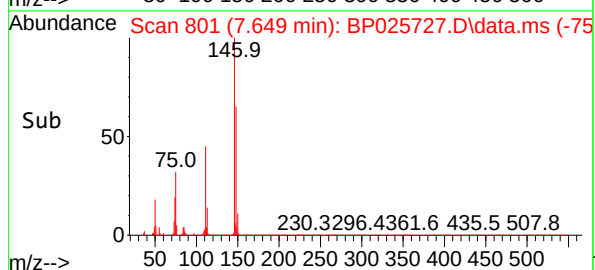
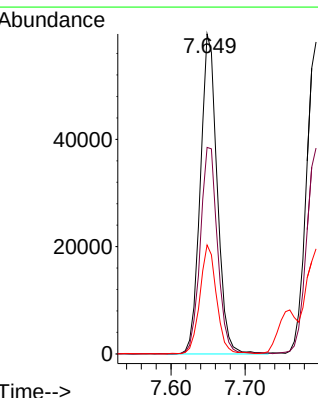
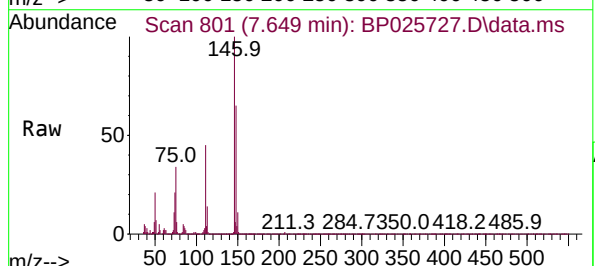
Tgt Ion:146 Resp: 94257

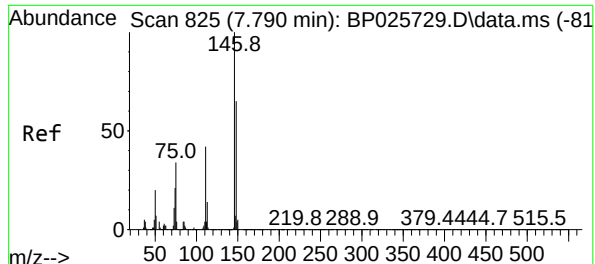
Ion Ratio Lower Upper

146 100

148 64.5 52.7 79.1

75 34.0 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 9.357 ng

RT: 7.796 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:146 Resp: 96090

Ion Ratio Lower Upper

146 100

148 66.0 52.0 78.0

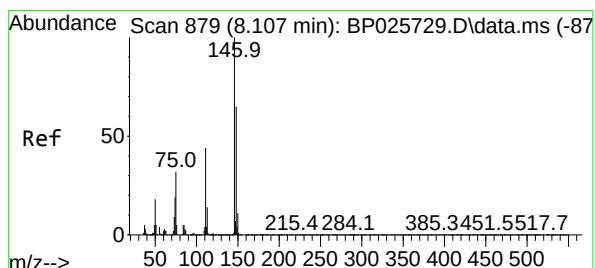
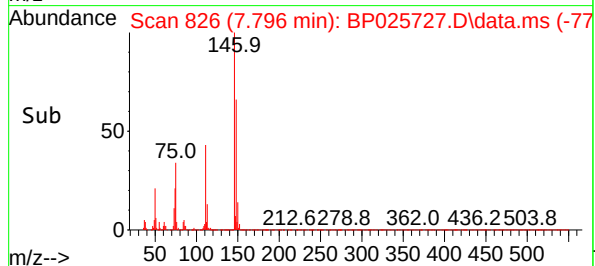
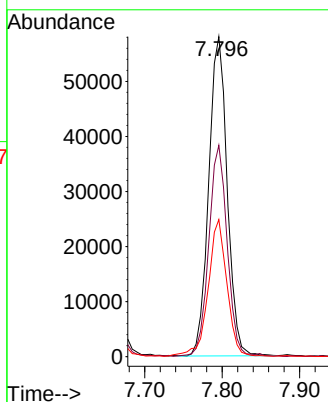
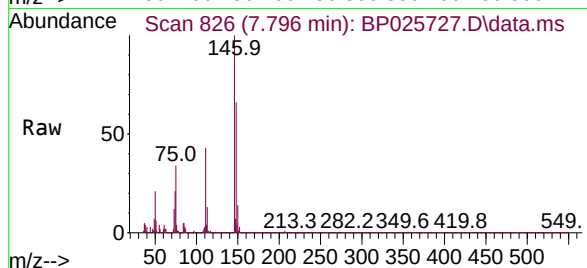
111 42.8 33.9 50.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 9.352 ng

RT: 8.107 min Scan# 879

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

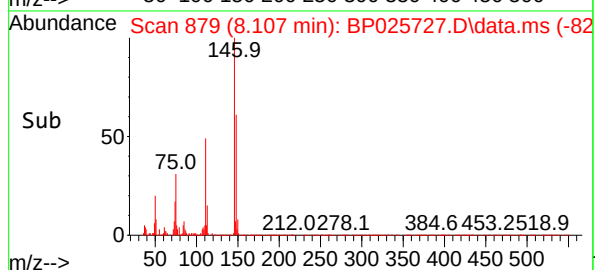
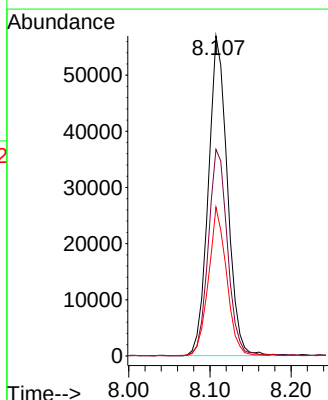
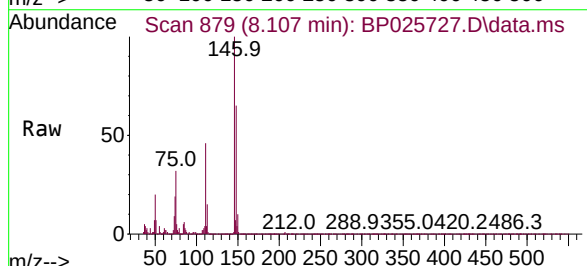
Tgt Ion:146 Resp: 93300

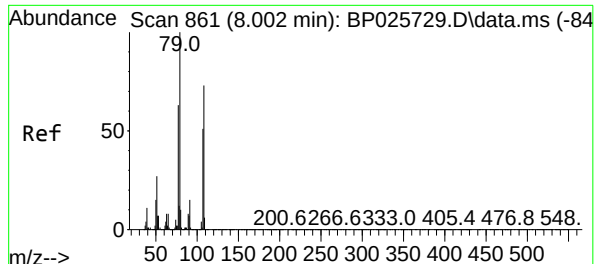
Ion Ratio Lower Upper

146 100

148 64.5 51.7 77.5

111 46.5 35.5 53.3





#15

Benzyl Alcohol

Concen: 8.018 ng

RT: 8.007 min Scan# 80

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 79 Resp: 71103

Ion Ratio Lower Upper

79 100

108 73.0 58.7 88.1

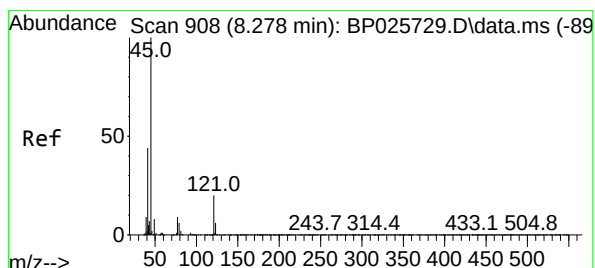
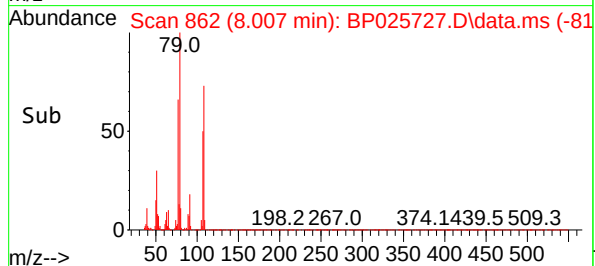
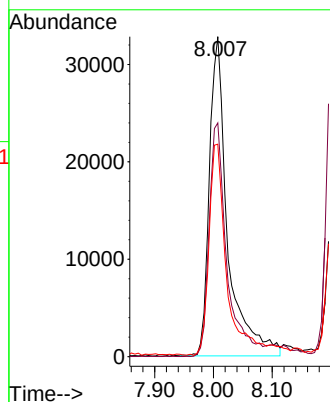
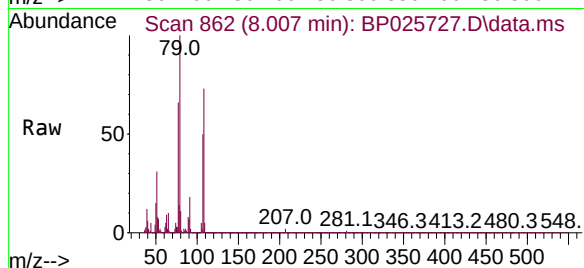
77 66.4 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.346 ng

RT: 8.278 min Scan# 908

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

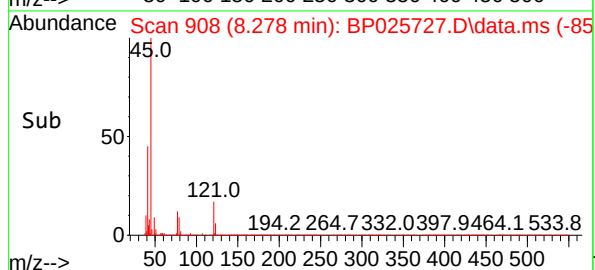
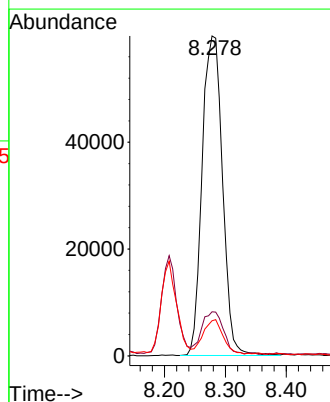
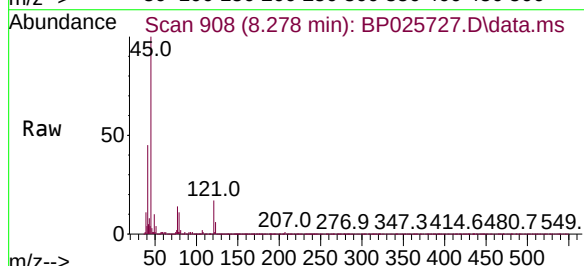
Tgt Ion: 45 Resp: 138959

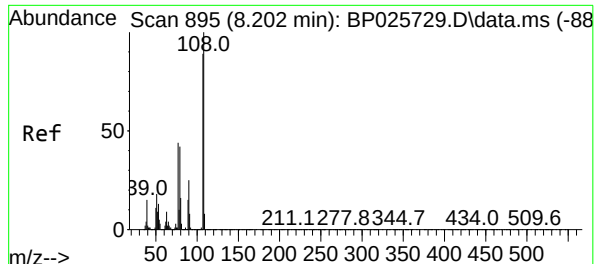
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.1

79 11.0 0.0 30.0





#17

2-Methylphenol

Concen: 8.792 ng

RT: 8.207 min Scan# 895

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:107 Resp: 67072

Ion Ratio Lower Upper

107 100

108 111.5 89.6 134.4

77 51.1 39.3 58.9

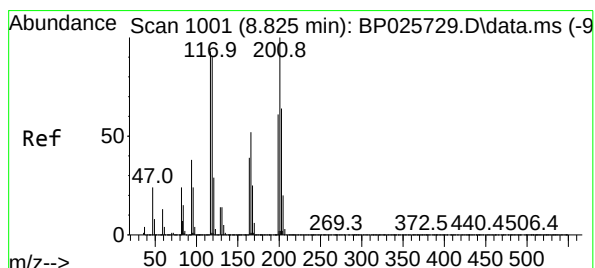
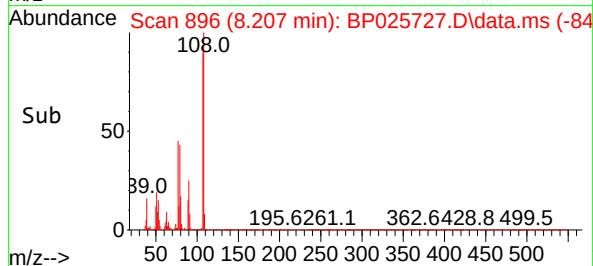
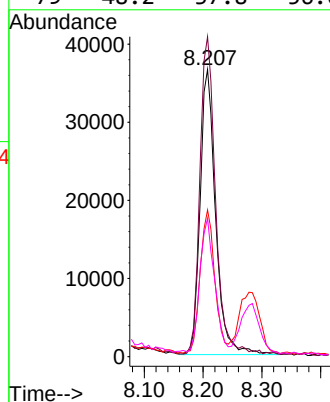
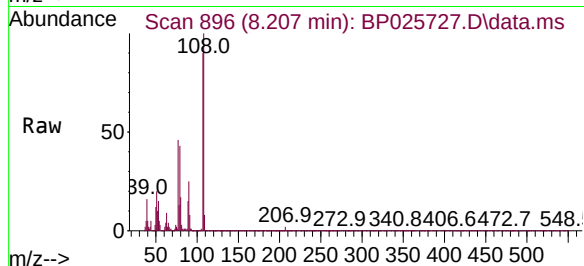
79 48.2 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#18

Hexachloroethane

Concen: 9.242 ng

RT: 8.831 min Scan# 1002

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

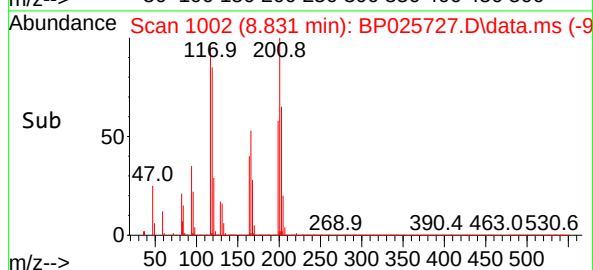
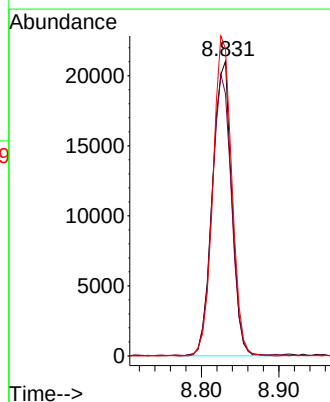
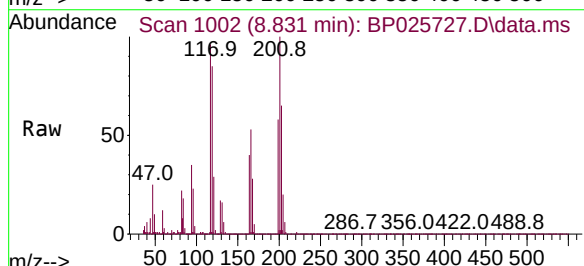
Tgt Ion:117 Resp: 36252

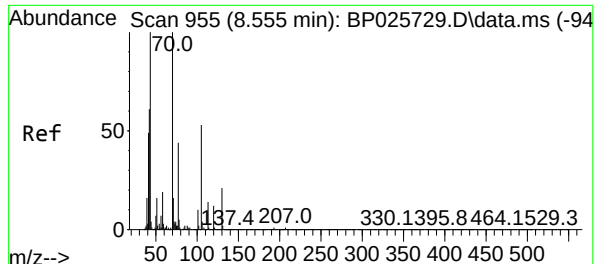
Ion Ratio Lower Upper

117 100

119 88.9 77.1 115.7

201 104.2 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 9.222 ng

RT: 8.554 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 68213

Ion Ratio Lower Upper

70 100

42 63.1 49.0 73.4

101 10.5 7.9 11.9

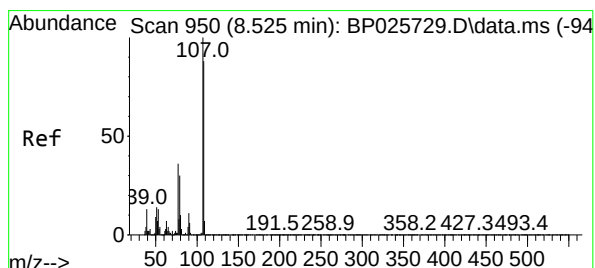
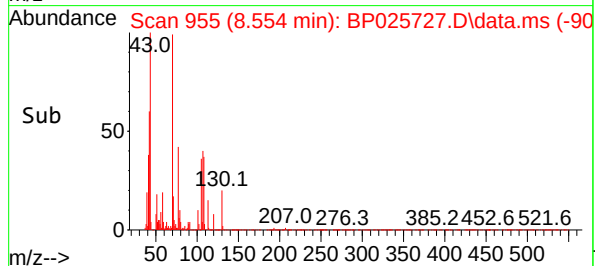
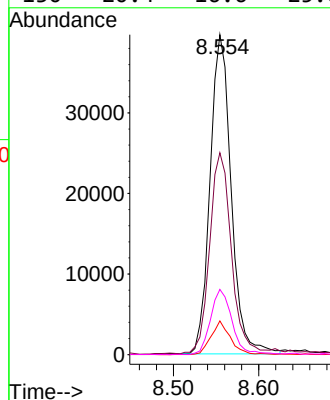
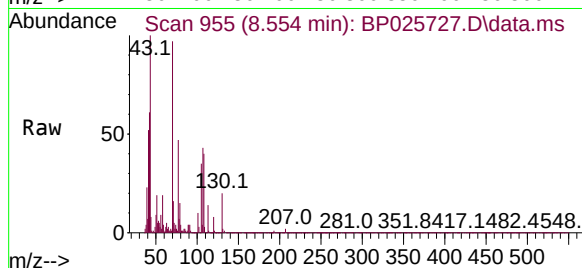
130 20.4 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 8.241 ng

RT: 8.537 min Scan# 952

Delta R.T. 0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:107 Resp: 88058

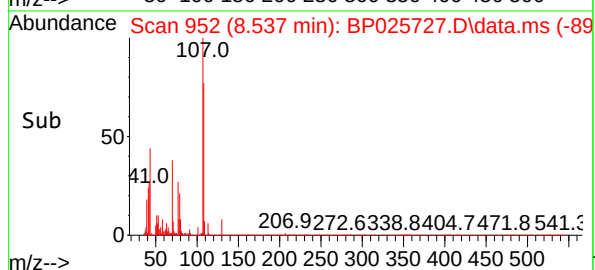
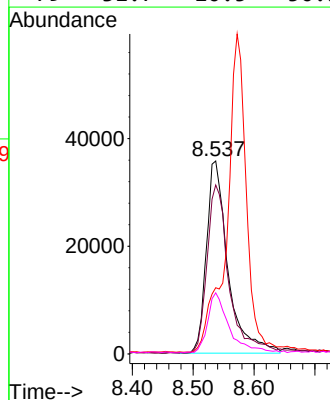
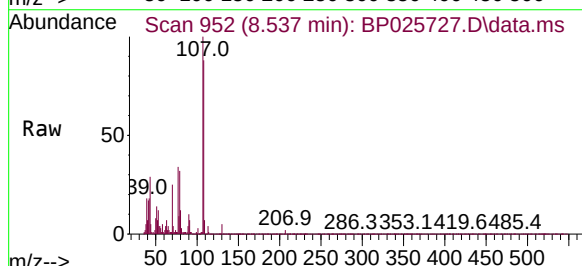
Ion Ratio Lower Upper

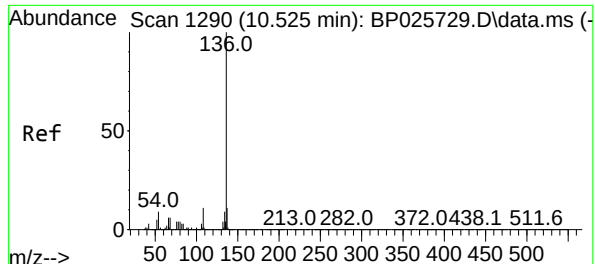
107 100

108 87.5 67.8 107.8

77 34.3 16.1 56.1

79 31.7 10.5 50.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

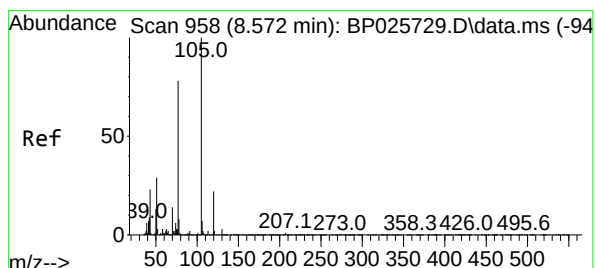
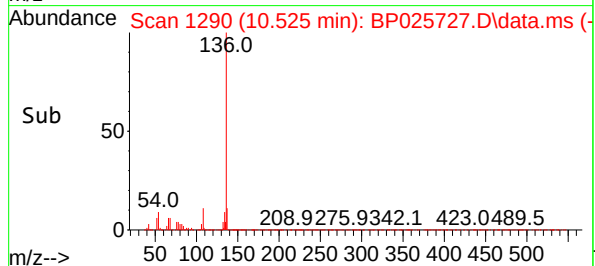
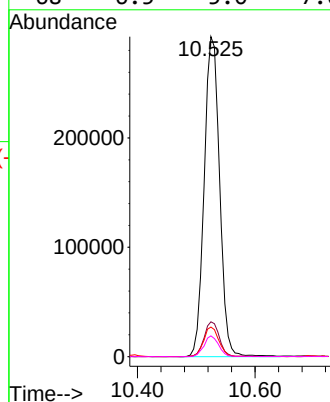
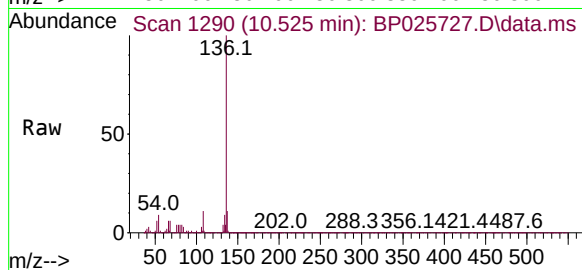
SSTDICC010

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.2	7.5	11.3
68	6.5	5.0	7.6

Manual Integrations

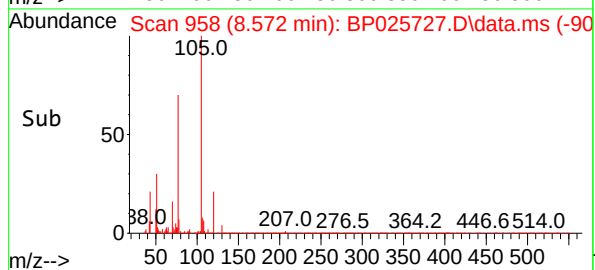
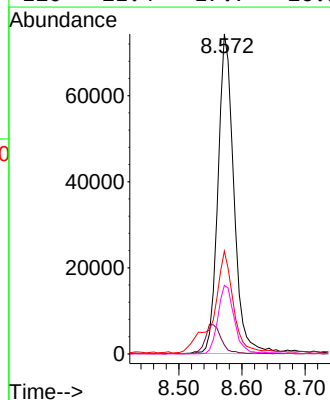
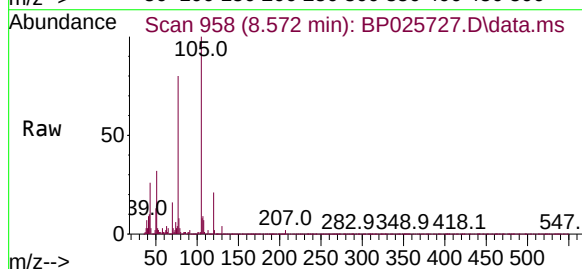
APPROVED

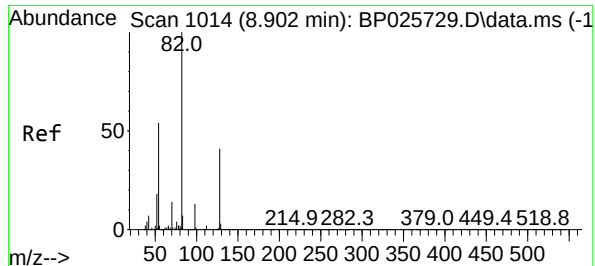
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#22
Acetophenone
Concen: 9.138 ng
RT: 8.572 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.8	2.8
51	32.1	23.5	35.3
120	21.4	17.7	26.5





#23

Nitrobenzene-d5

Concen: 18.070 ng

RT: 8.902 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion: 82 Resp: 218368

Ion Ratio Lower Upper

82 100

128 39.4 32.9 49.3

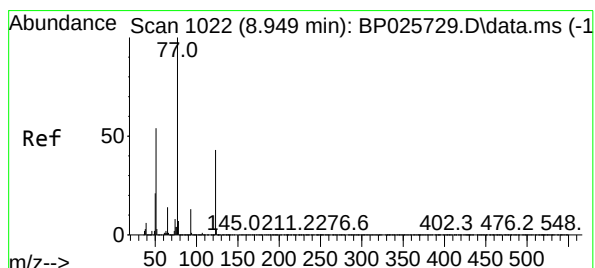
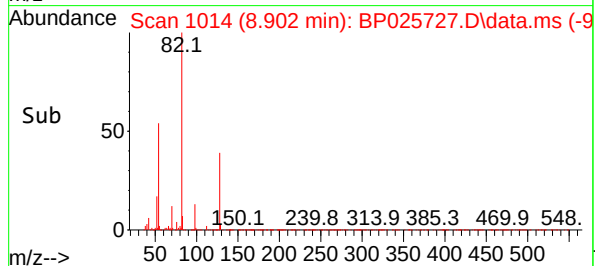
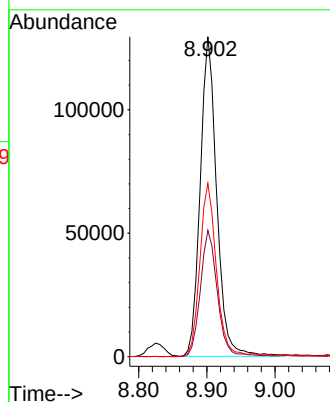
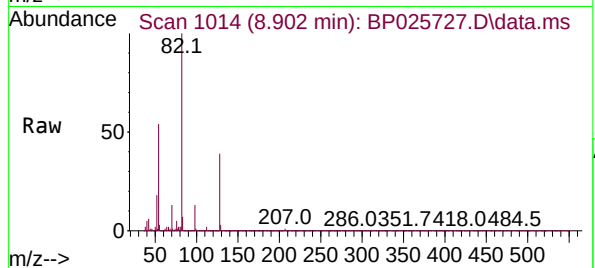
54 54.1 43.4 65.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 8.927 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

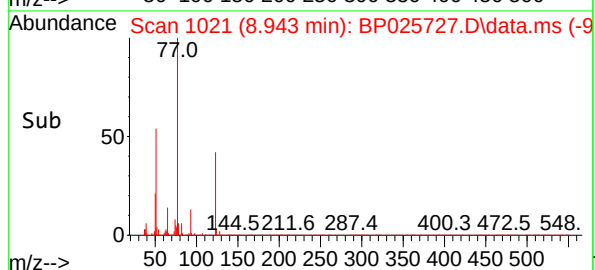
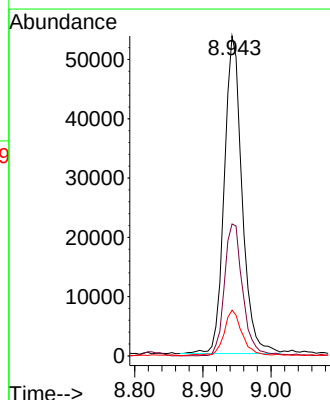
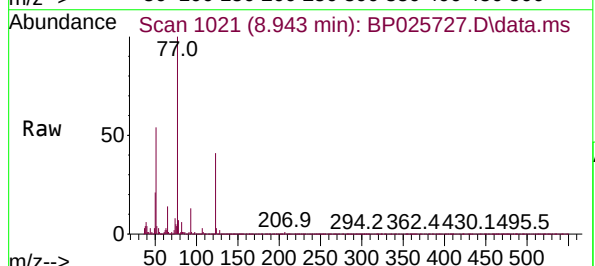
Tgt Ion: 77 Resp: 96781

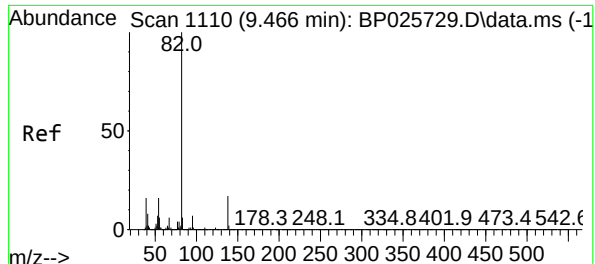
Ion Ratio Lower Upper

77 100

123 41.2 34.4 51.6

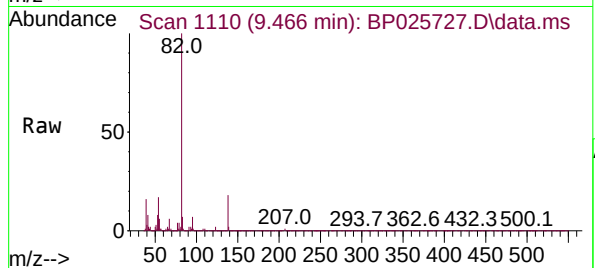
65 14.3 10.8 16.2





#25
Isophorone
Concen: 9.106 ng
RT: 9.466 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

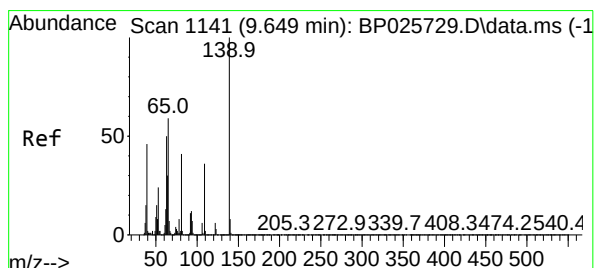
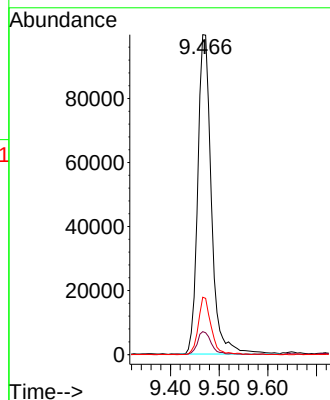
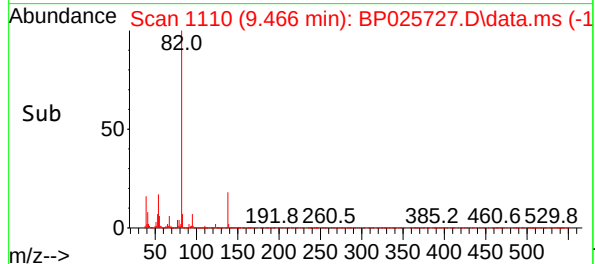
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 82 Resp: 193432
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.9 13.5 20.3

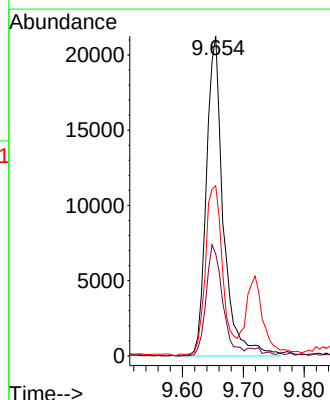
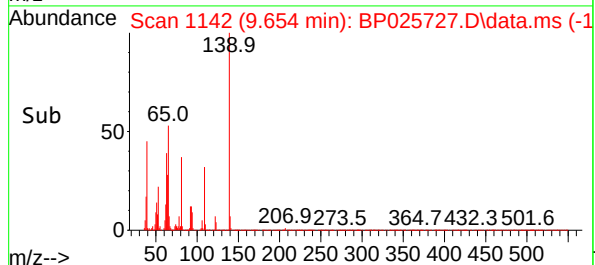
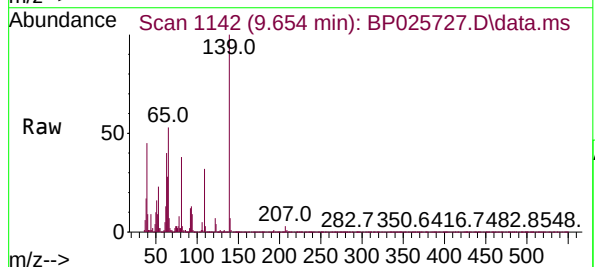
Manual Integrations
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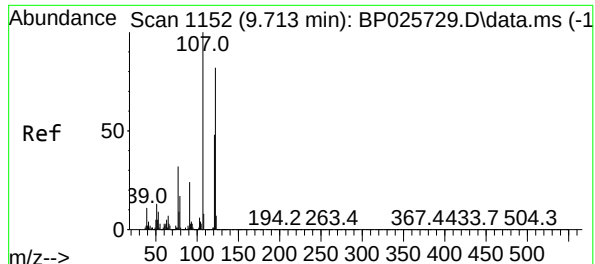
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#26
2-Nitrophenol
Concen: 8.524 ng
RT: 9.654 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

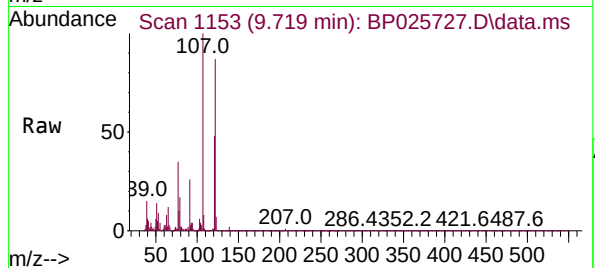
Tgt Ion:139 Resp: 41028
Ion Ratio Lower Upper
139 100
109 31.9 29.0 43.4
65 53.2 46.9 70.3





#27
2,4-Dimethylphenol
Concen: 9.038 ng
RT: 9.719 min Scan# 1152
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

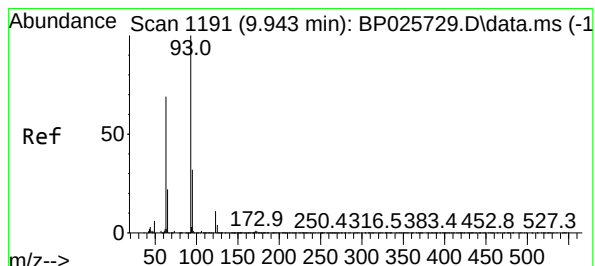
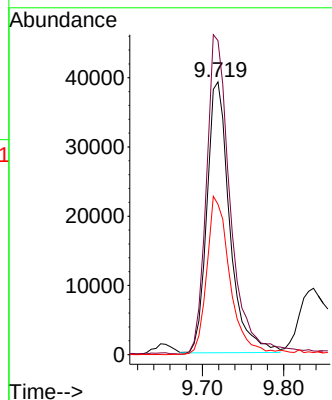
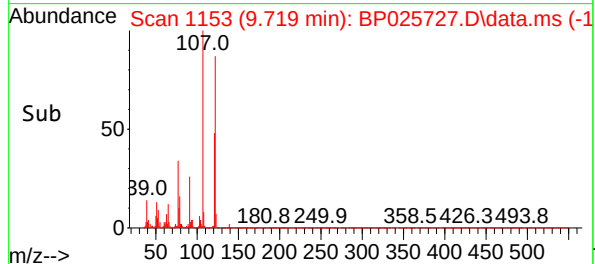
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 122 Resp: 7632
Ion Ratio Lower Upper
122 100
107 115.2 97.9 146.9
121 55.1 47.4 71.0

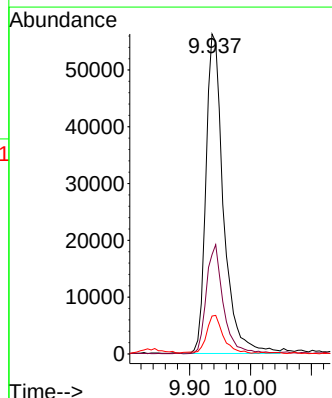
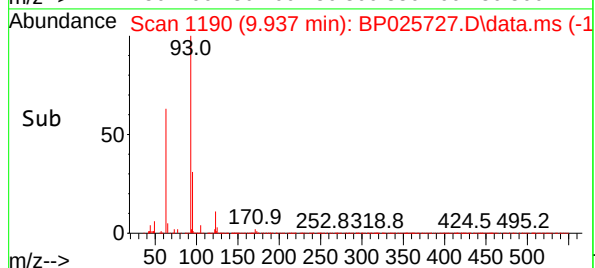
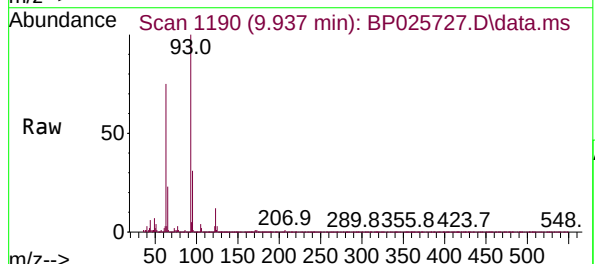
Manual Integrations
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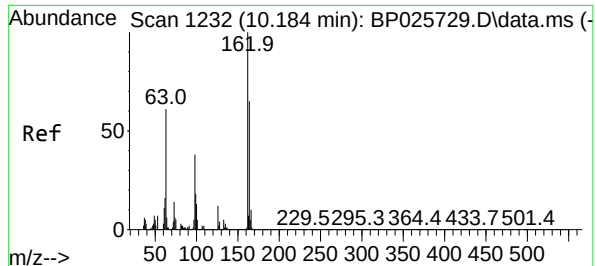
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#28
bis(2-Chloroethoxy)methane
Concen: 9.183 ng
RT: 9.937 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

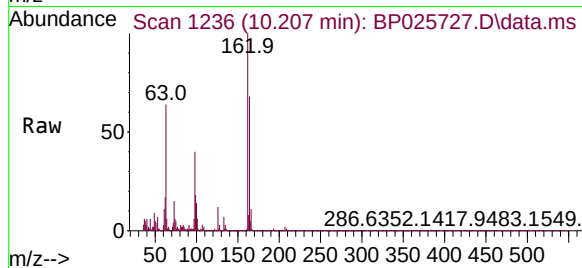
Tgt Ion: 93 Resp: 112758
Ion Ratio Lower Upper
93 100
95 31.0 25.6 38.4
123 11.8 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 8.535 ng
RT: 10.207 min Scan# 1236
Delta R.T. 0.023 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

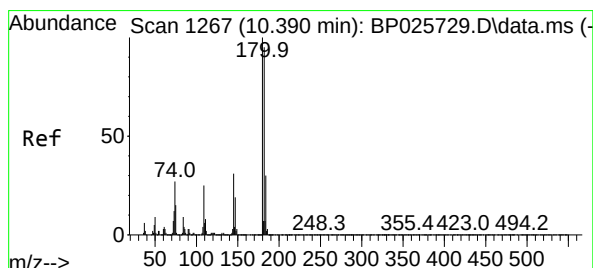
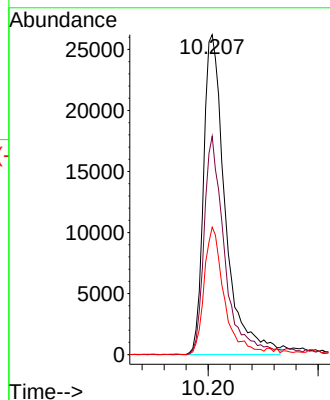
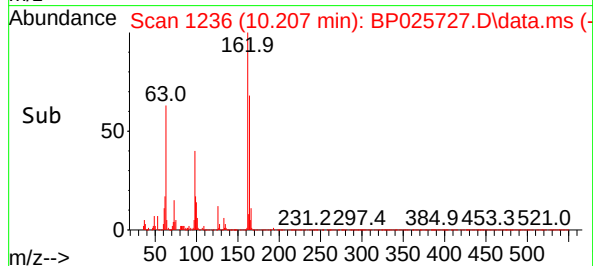
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:162 Resp: 71856
Ion Ratio Lower Upper
162 100
164 68.2 44.7 84.7
98 39.8 18.1 58.1

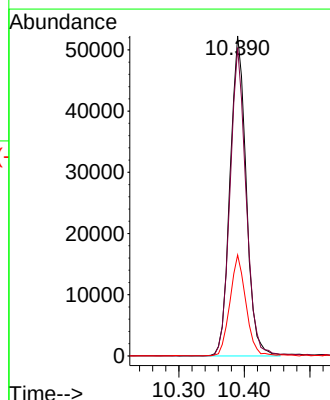
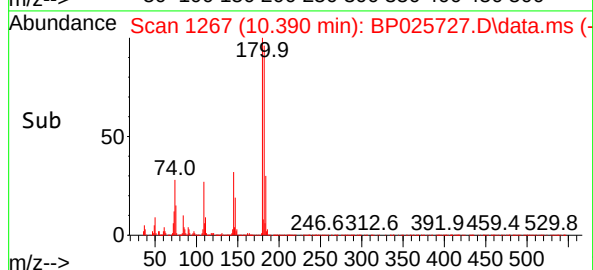
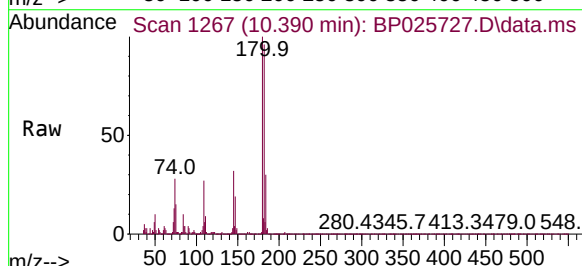
Manual Integrations
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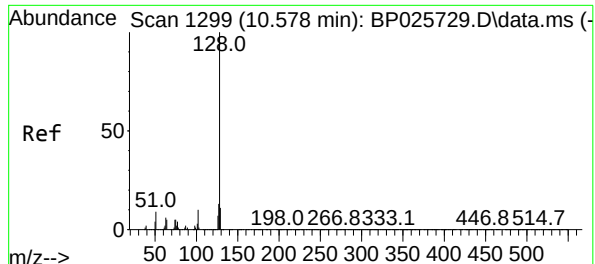
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 9.419 ng
RT: 10.390 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:180 Resp: 89376
Ion Ratio Lower Upper
180 100
182 96.3 76.0 114.0
145 31.5 24.7 37.1





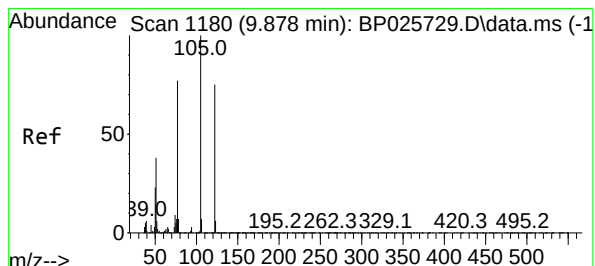
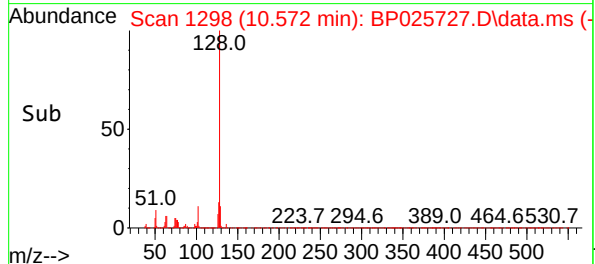
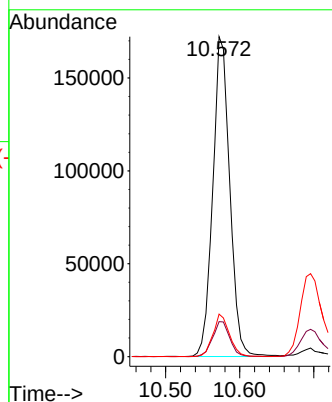
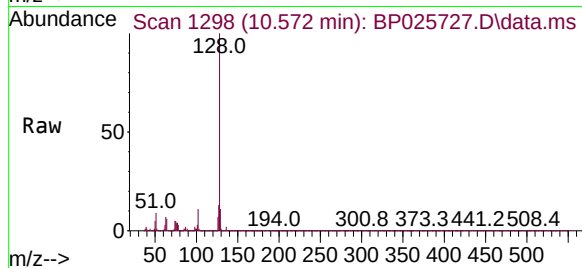
#31
Naphthalene
Concen: 9.533 ng
RT: 10.572 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 27400
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 10.2 15.4

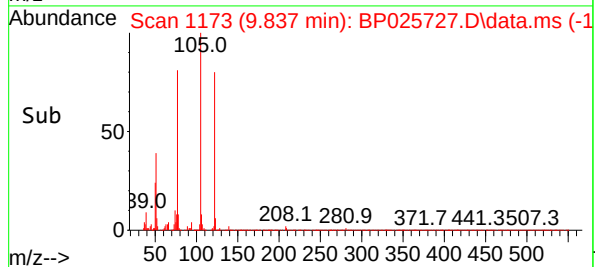
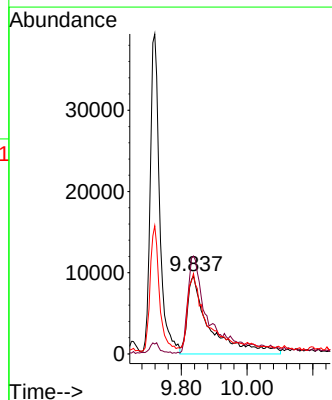
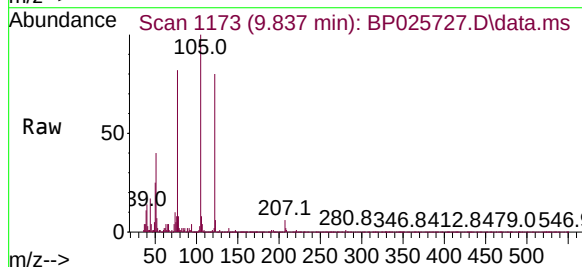
Manual Integrations
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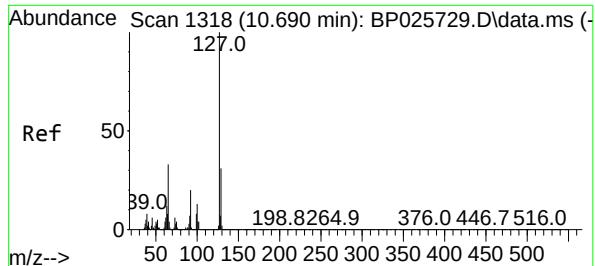
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 7.198 ng m
RT: 9.837 min Scan# 1173
Delta R.T. -0.041 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

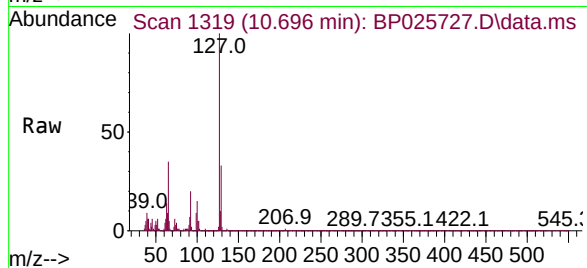
Tgt Ion:122 Resp: 45191
Ion Ratio Lower Upper
122 100
105 125.6 111.5 151.5
77 103.1 81.8 121.8





#33
4-Chloroaniline
Concen: 8.705 ng
RT: 10.696 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

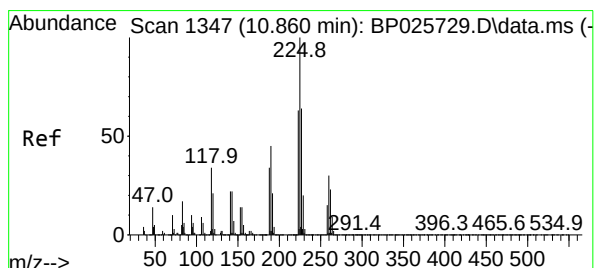
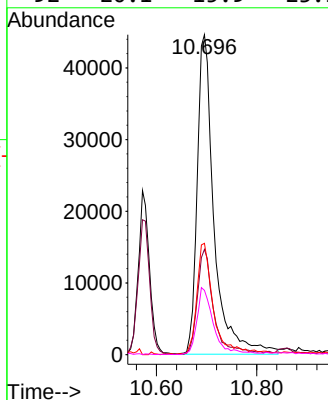
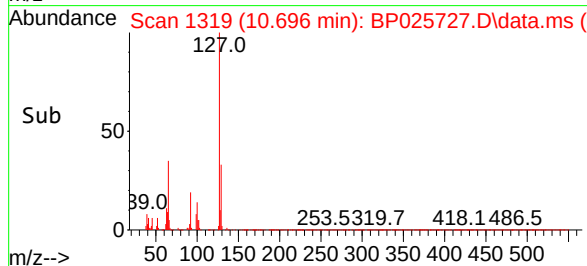
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:127 Resp: 10428
Ion Ratio Lower Upper
127 100
129 32.9 25.1 37.7
65 34.8 26.4 39.6
92 20.1 15.9 23.9

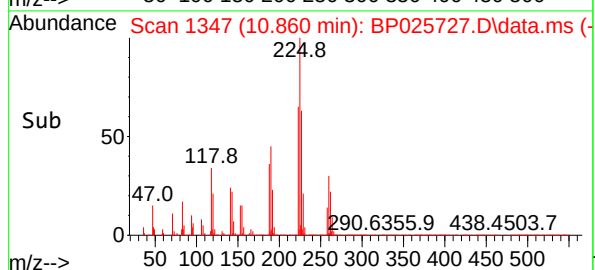
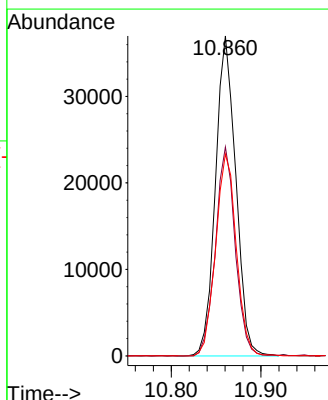
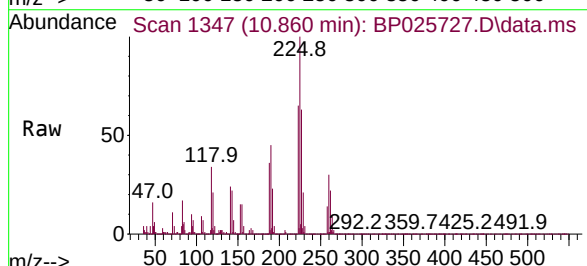
Manual Integrations
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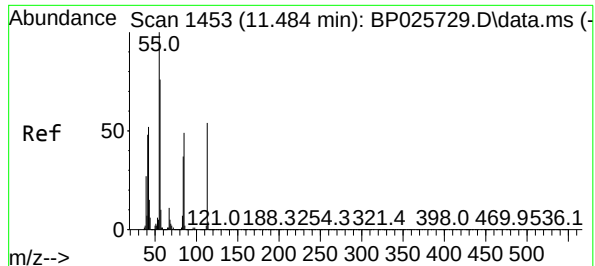
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 9.541 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

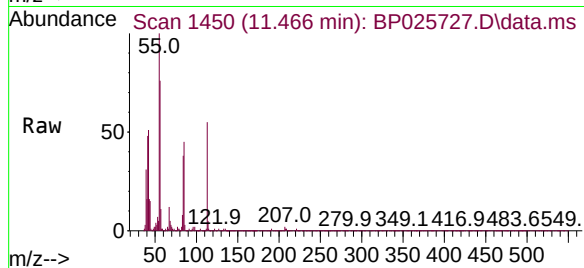
Tgt Ion:225 Resp: 58279
Ion Ratio Lower Upper
225 100
223 65.3 50.1 75.1
227 63.1 51.2 76.8





#35
Caprolactam
Concen: 8.645 ng m
RT: 11.466 min Scan# 1453
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

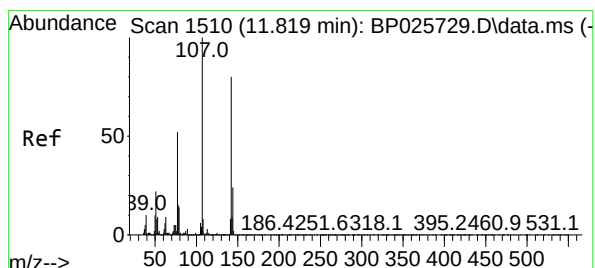
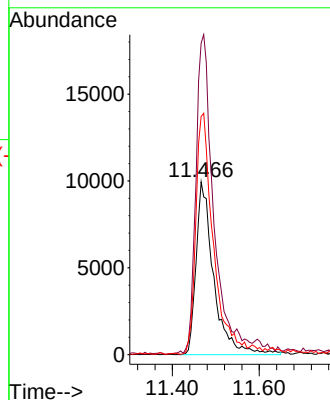
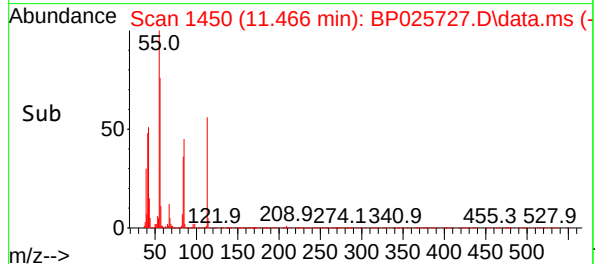
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:113 Resp: 28000
Ion Ratio Lower Upper
113 100
55 180.4 165.5 205.5
56 137.8 121.1 161.1

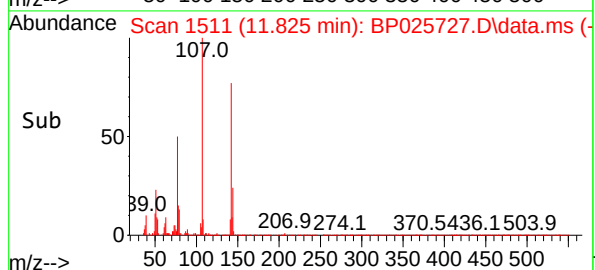
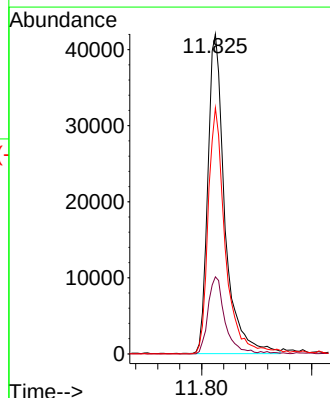
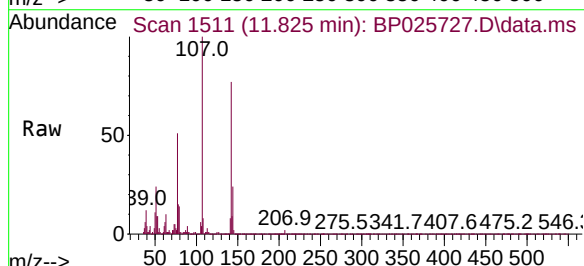
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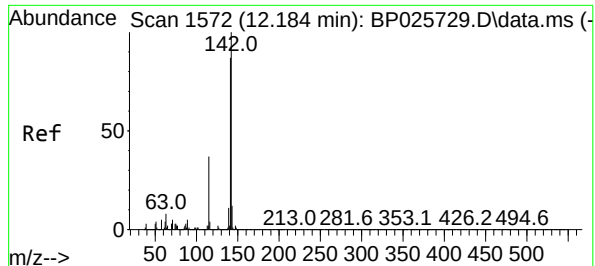
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 8.976 ng
RT: 11.825 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:107 Resp: 90104
Ion Ratio Lower Upper
107 100
144 24.1 19.4 29.2
142 76.9 63.8 95.6





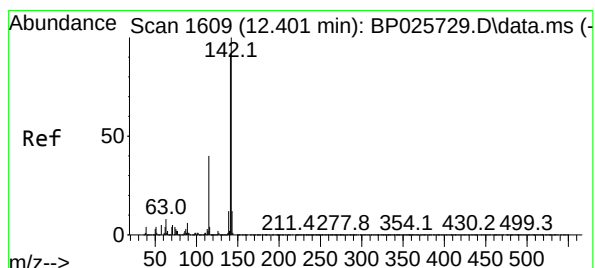
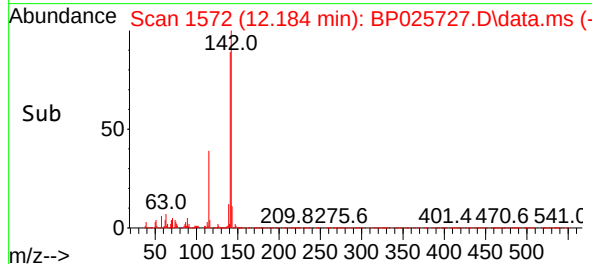
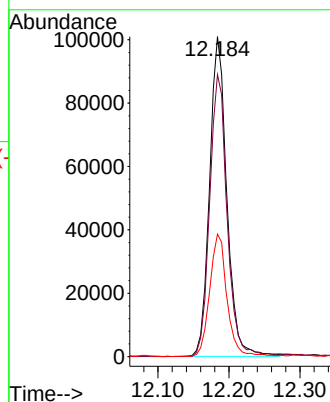
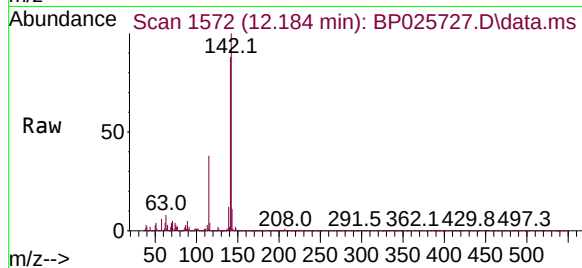
#37
2-Methylnaphthalene
Concen: 9.230 ng
RT: 12.184 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 170398
Ion Ratio Lower Upper
142 100
141 88.1 69.6 104.4
115 38.3 30.0 45.0

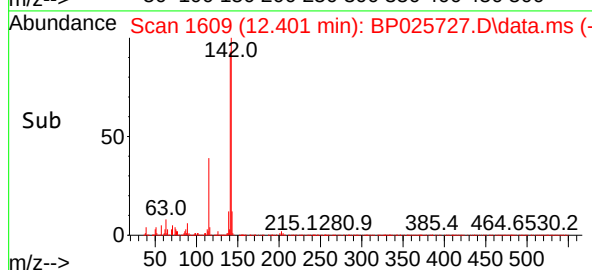
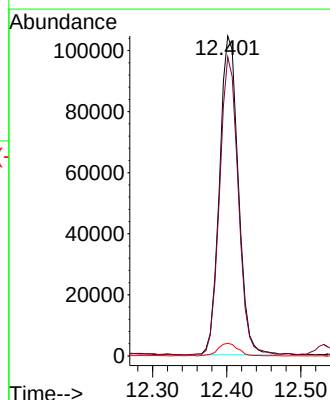
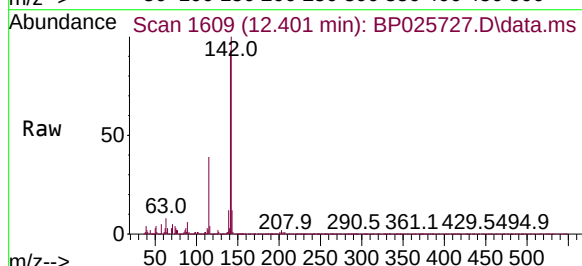
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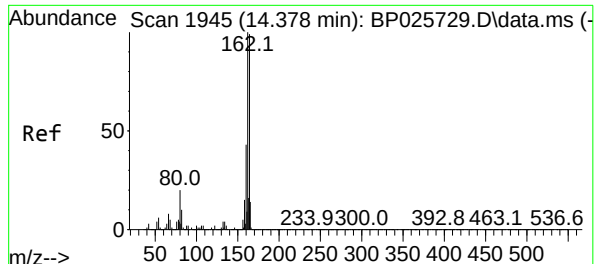
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 9.353 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:142 Resp: 184127
Ion Ratio Lower Upper
142 100
141 93.4 72.7 109.1
116 3.9 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.366 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:164 Resp: 373569

Ion Ratio Lower Upper

164 100

162 98.6 80.6 120.8

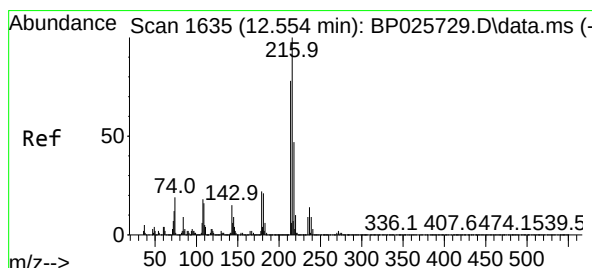
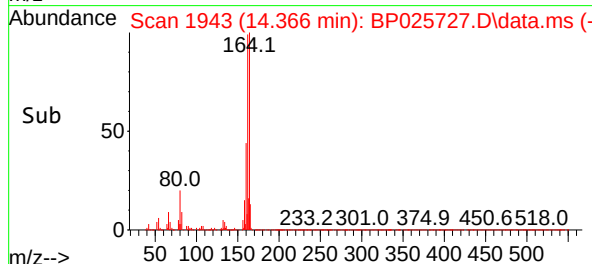
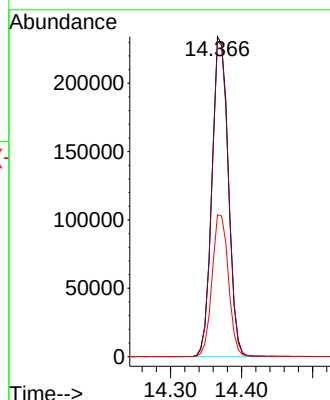
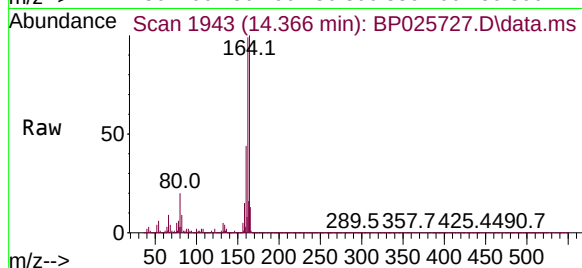
160 44.3 35.0 52.6

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Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.250 ng

RT: 12.554 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:216 Resp: 104709

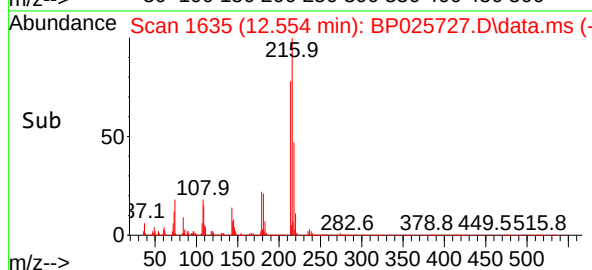
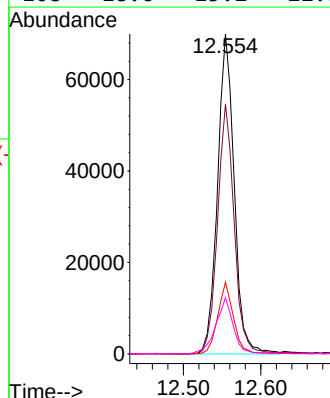
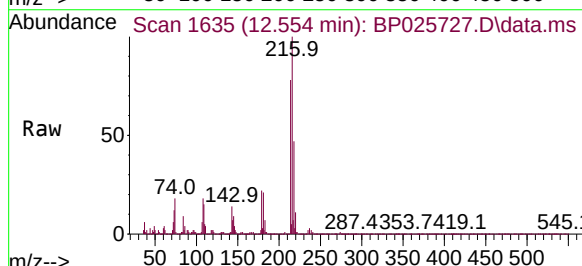
Ion Ratio Lower Upper

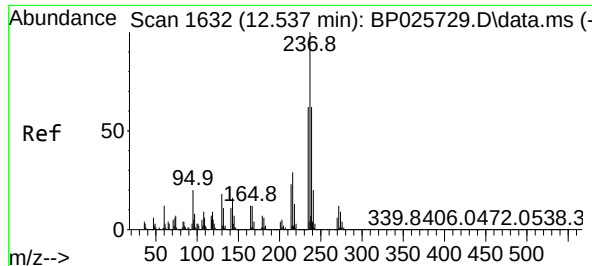
216 100

214 77.8 62.4 93.6

179 21.2 17.0 25.6

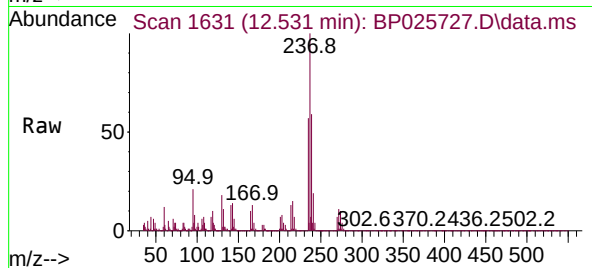
108 18.6 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 6.826 ng
RT: 12.531 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

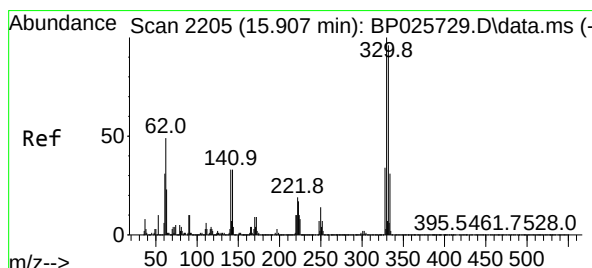
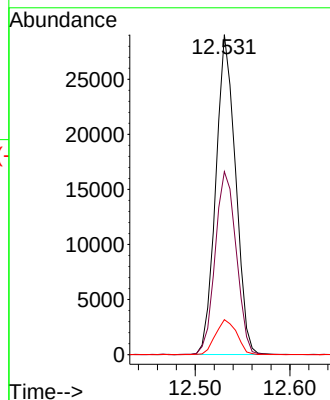
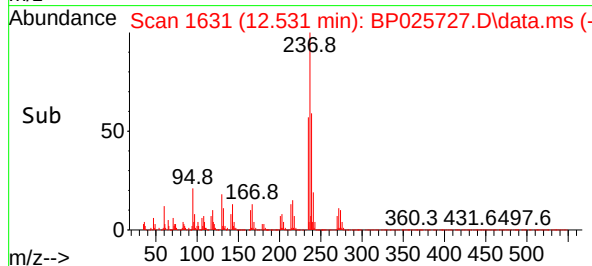
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 237 Resp: 4208
Ion Ratio Lower Upper
237 100
235 57.2 41.9 81.9
272 10.9 0.0 31.8

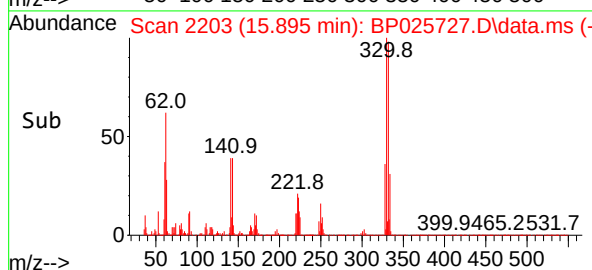
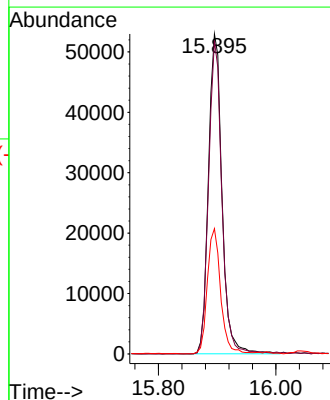
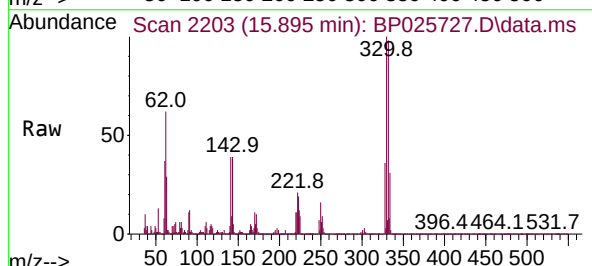
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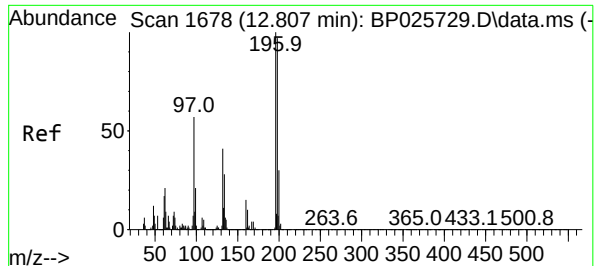
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#42
2,4,6-Tribromophenol
Concen: 18.207 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 330 Resp: 84835
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 38.5 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 8.877 ng

RT: 12.807 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:196 Resp: 66063

Ion Ratio Lower Upper

196 100

198 95.7 77.2 115.8

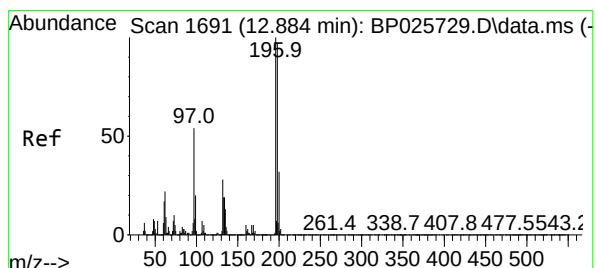
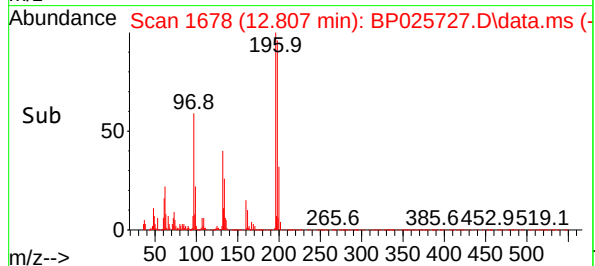
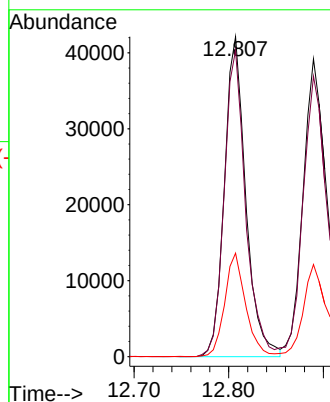
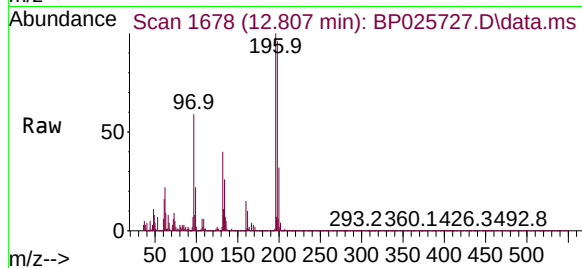
200 32.3 24.2 36.2

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Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 8.763 ng

RT: 12.890 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Tgt Ion:196 Resp: 72578

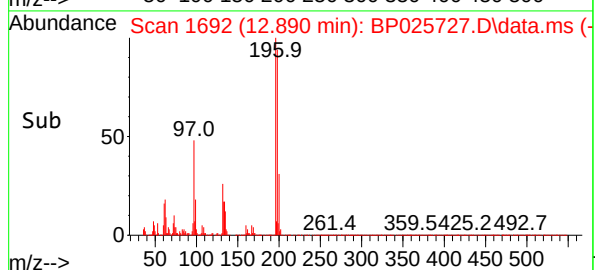
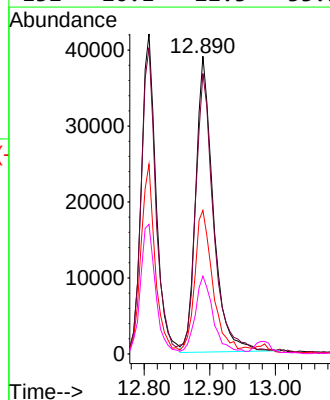
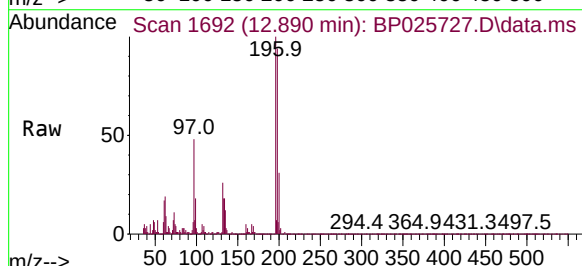
Ion Ratio Lower Upper

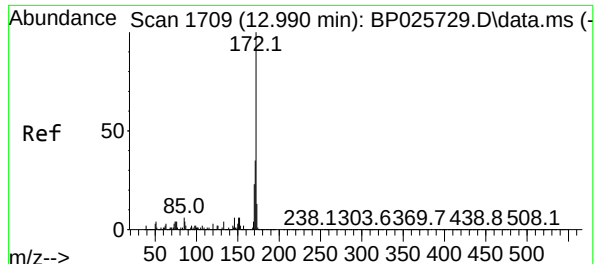
196 100

198 94.2 77.8 116.8

97 48.2 43.3 64.9

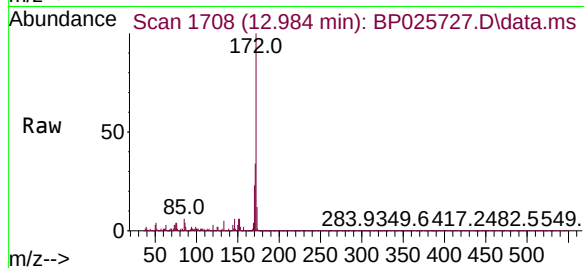
132 26.1 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 19.568 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

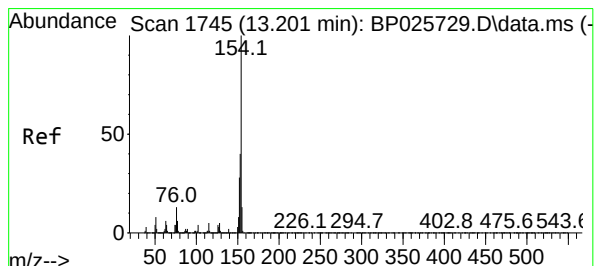
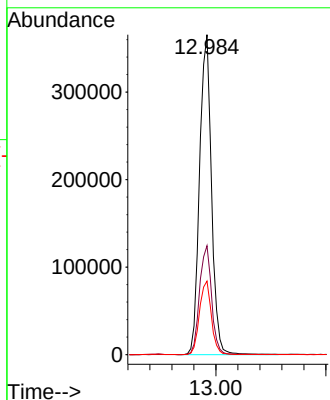
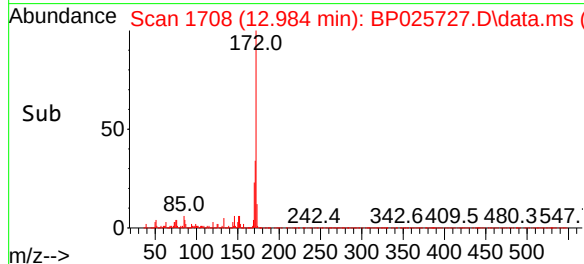
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



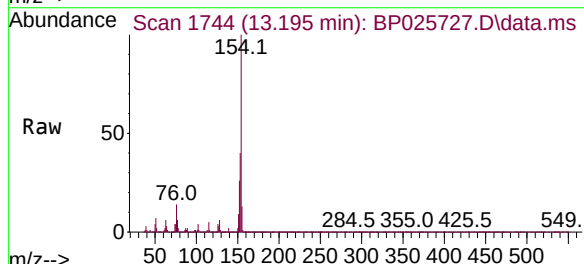
Tgt Ion:172 Resp: 548995
Ion Ratio Lower Upper
172 100
171 34.0 27.8 41.6
170 23.0 18.6 27.8

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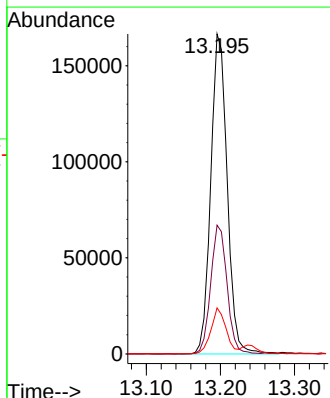
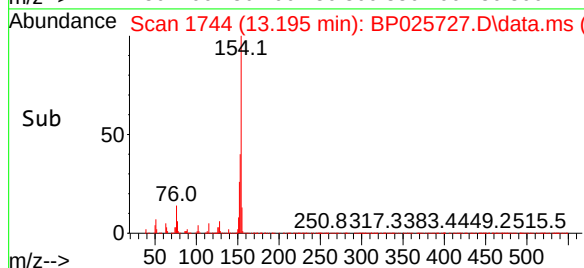
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

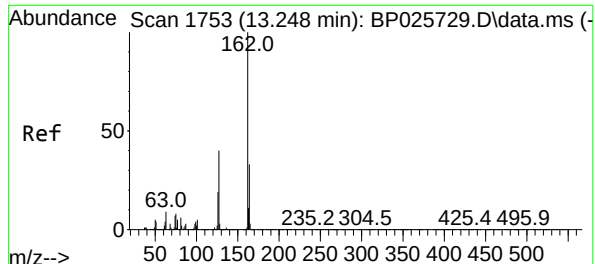


#46
1,1'-Biphenyl
Concen: 9.370 ng
RT: 13.195 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18



Tgt Ion:154 Resp: 256914
Ion Ratio Lower Upper
154 100
153 40.2 19.7 59.7
76 14.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 9.432 ng

RT: 13.242 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:162 Resp: 203648

Ion Ratio Lower Upper

162 100

127 40.5 32.2 48.4

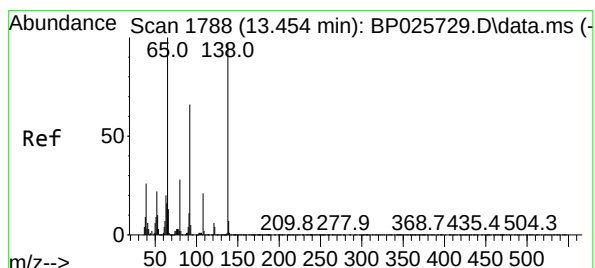
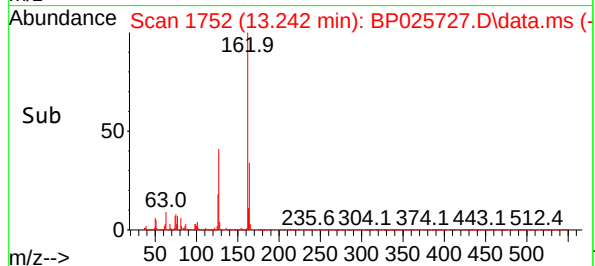
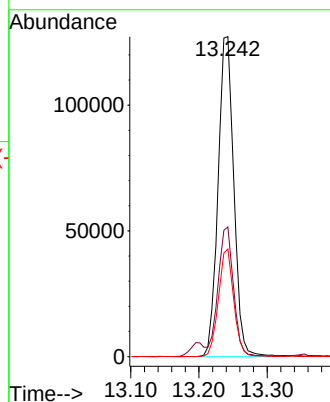
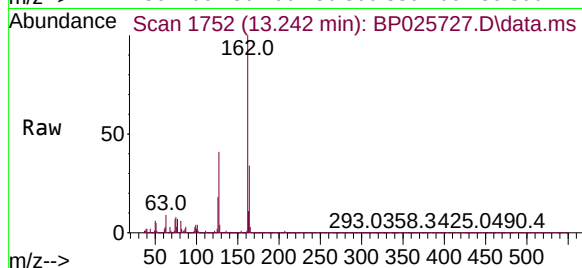
164 33.6 26.5 39.7

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 8.613 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

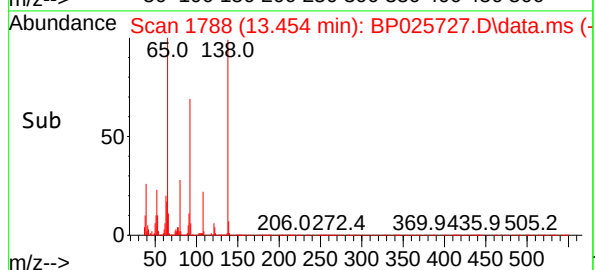
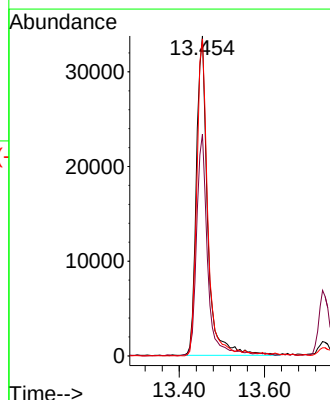
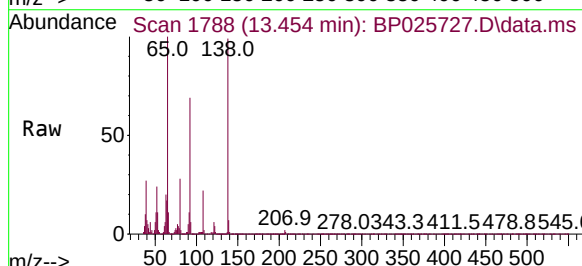
Tgt Ion: 65 Resp: 61991

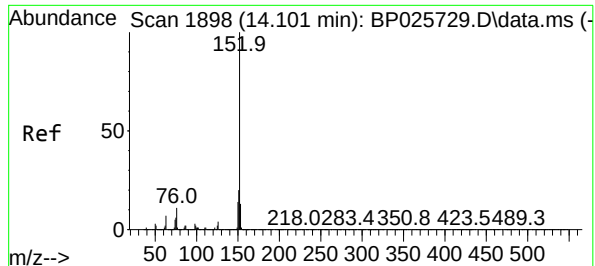
Ion Ratio Lower Upper

65 100

92 69.3 53.1 79.7

138 99.1 77.8 116.8





#49

Acenaphthylene

Concen: 9.354 ng

RT: 14.089 min Scan# 1898

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:152 Resp: 334623

Ion Ratio Lower Upper

152 100

151 19.1 15.8 23.6

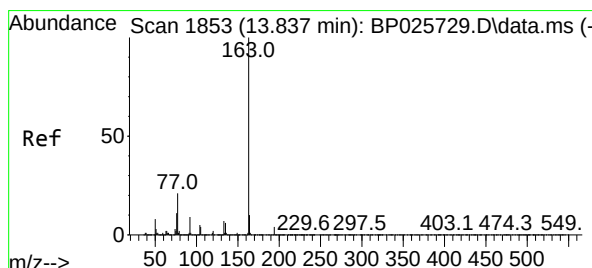
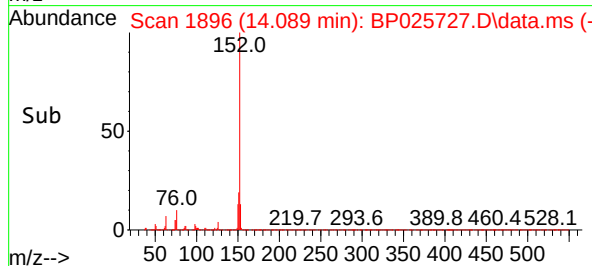
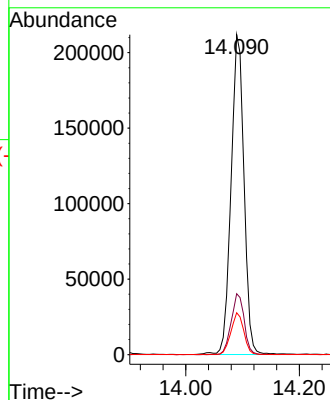
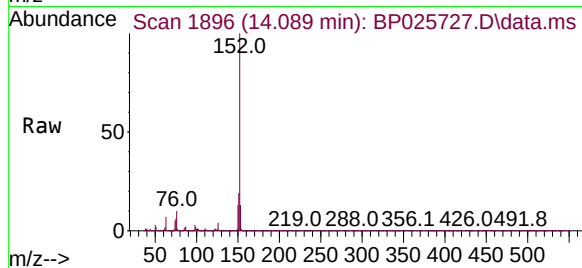
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 9.387 ng

RT: 13.825 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

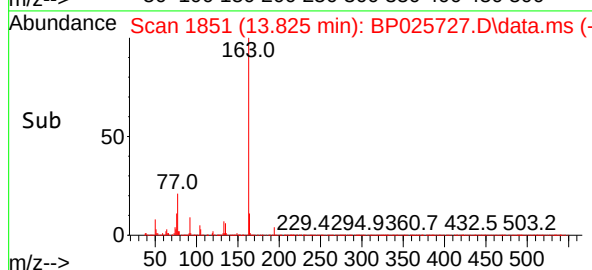
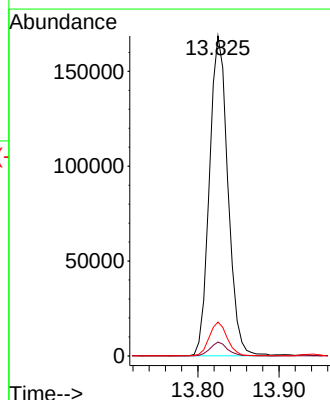
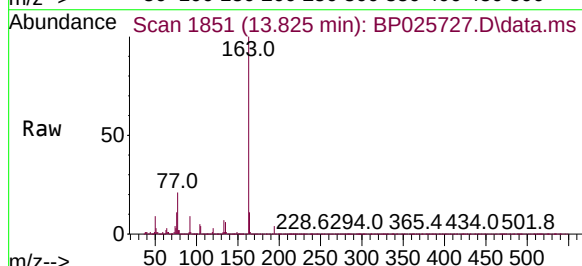
Tgt Ion:163 Resp: 267725

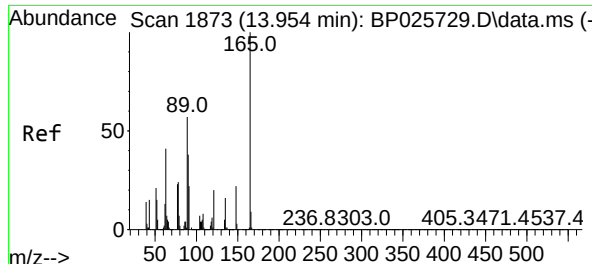
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.6 8.2 12.2





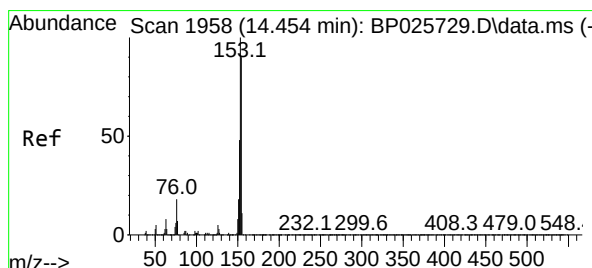
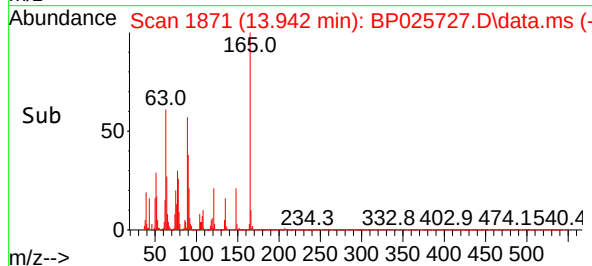
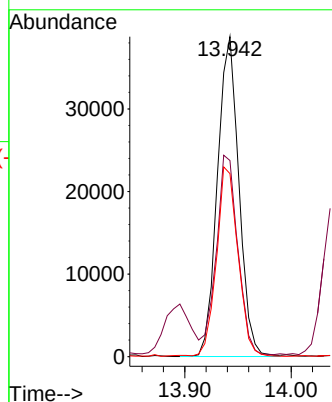
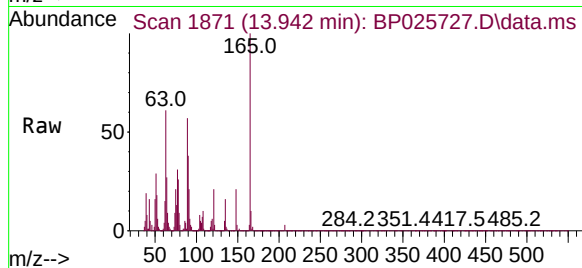
#51
2,6-Dinitrotoluene
Concen: 9.005 ng
RT: 13.942 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 54414
Ion Ratio Lower Upper
165 100
63 61.3 48.1 72.1
89 57.2 45.4 68.0

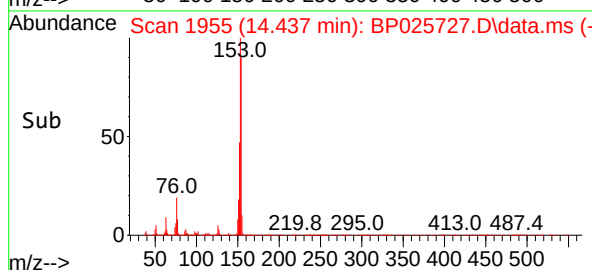
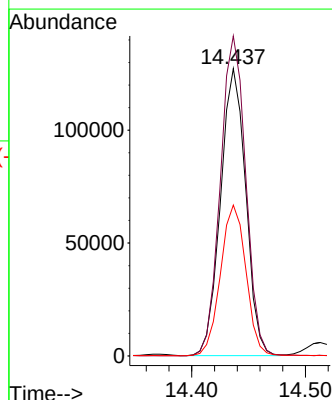
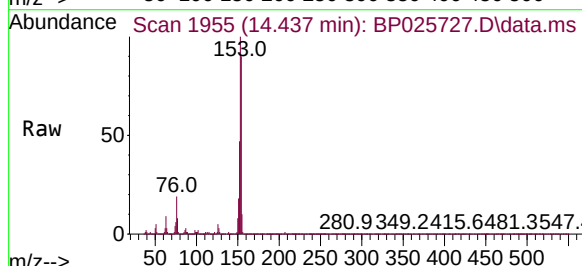
Manual Integrations
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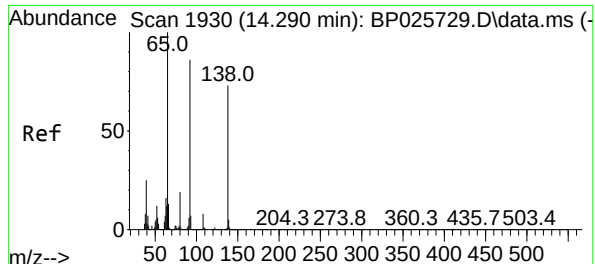
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 9.523 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:154 Resp: 196467
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.0
152 52.5 42.5 63.7





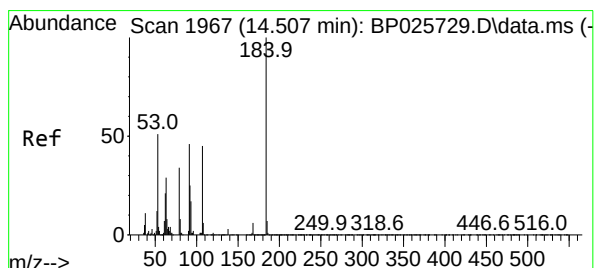
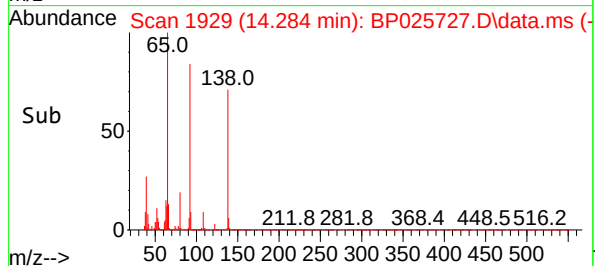
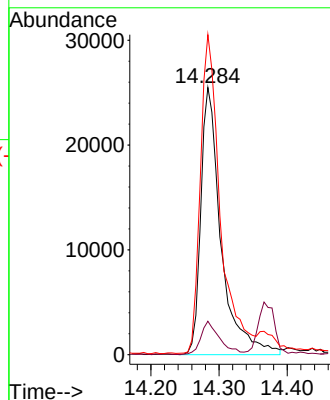
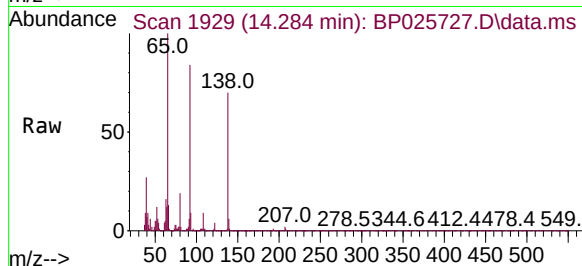
#53
3-Nitroaniline
Concen: 8.285 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:138 Resp: 52642
Ion Ratio Lower Upper
138 100
108 12.5 8.7 13.1
92 119.8 94.6 142.0

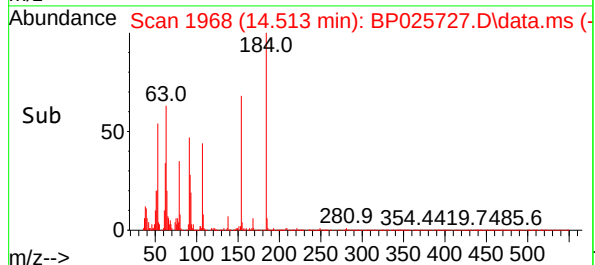
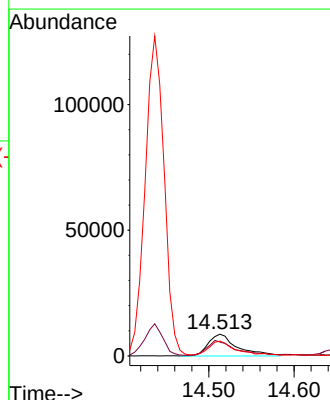
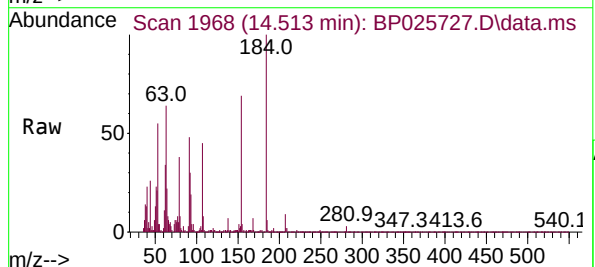
Manual Integrations
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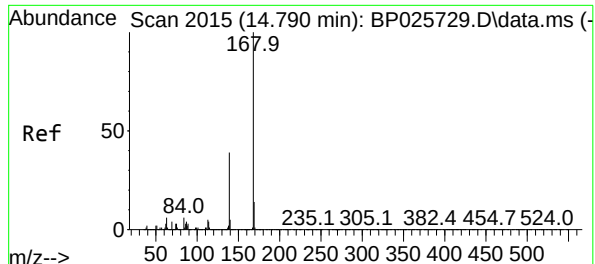
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 9.658 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:184 Resp: 20208
Ion Ratio Lower Upper
184 100
63 64.2 52.5 78.7
154 68.6 51.5 77.3





#55

Dibenzenofuran

Concen: 9.743 ng

RT: 14.778 min Scan# 20

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:168 Resp: 32760

Ion Ratio Lower Upper

168 100

139 38.5 31.7 47.5

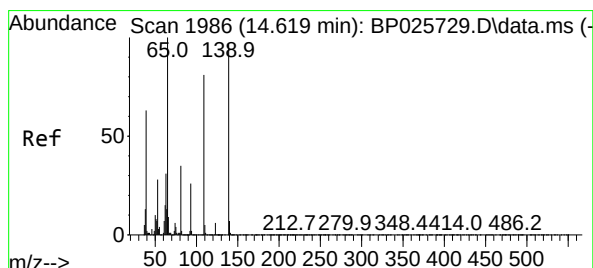
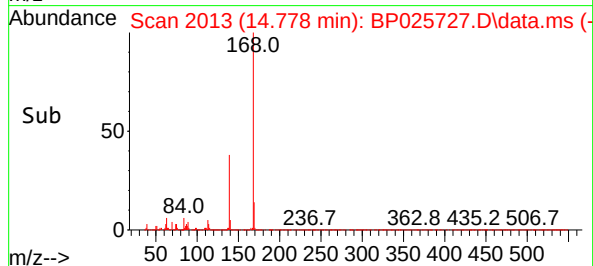
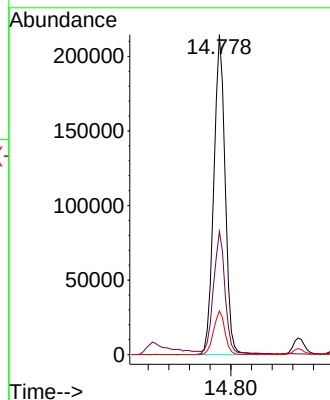
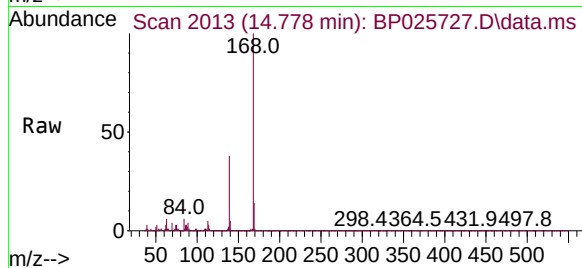
169 13.6 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#56

4-Nitrophenol

Concen: 9.243 ng

RT: 14.648 min Scan# 1991

Delta R.T. 0.029 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

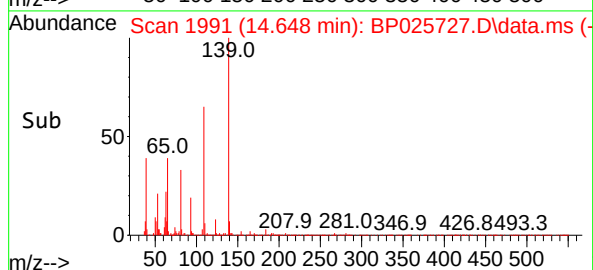
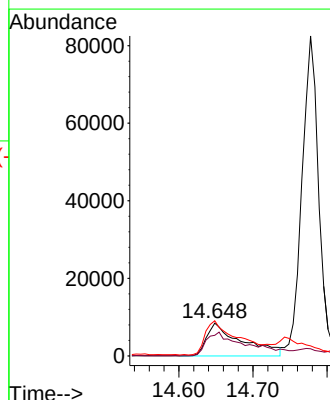
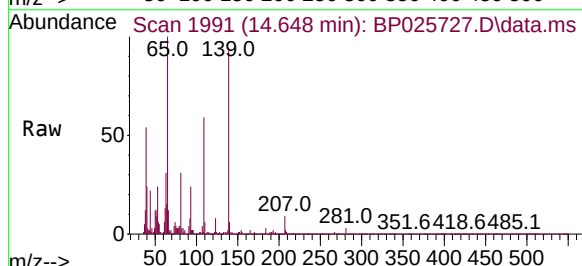
Tgt Ion:139 Resp: 27599

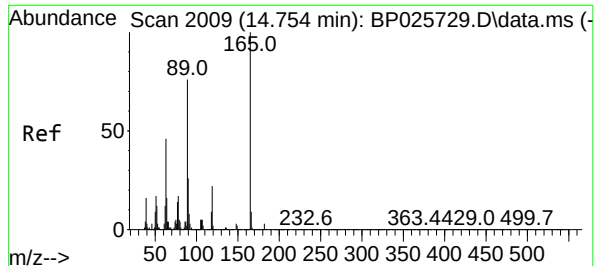
Ion Ratio Lower Upper

139 100

109 63.0 62.9 102.9

65 107.6 83.4 123.4





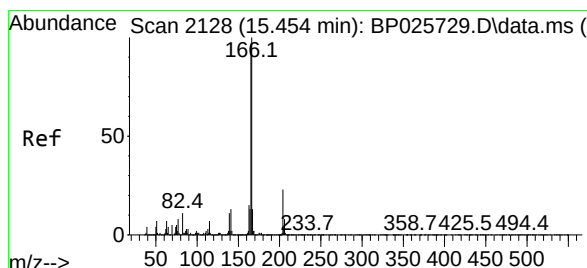
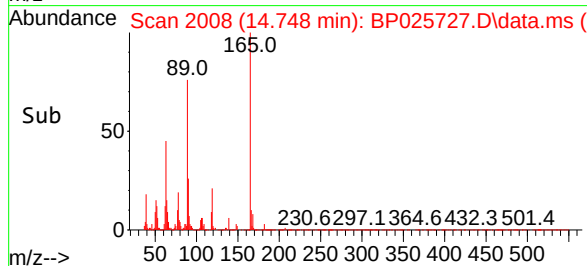
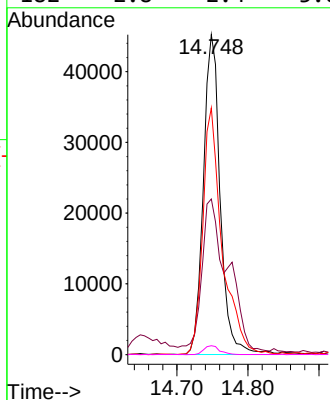
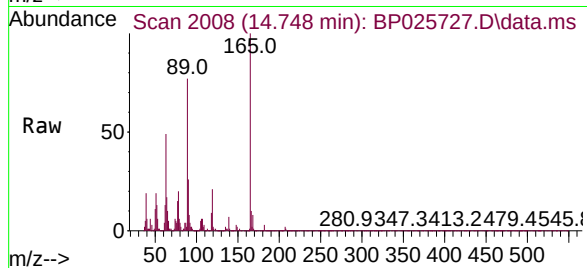
#57
2,4-Dinitrotoluene
Concen: 8.639 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:165 Resp: 74291
Ion Ratio Lower Upper
165 100
63 48.6 37.7 56.5
89 77.1 61.0 91.6
182 2.8 2.4 3.6

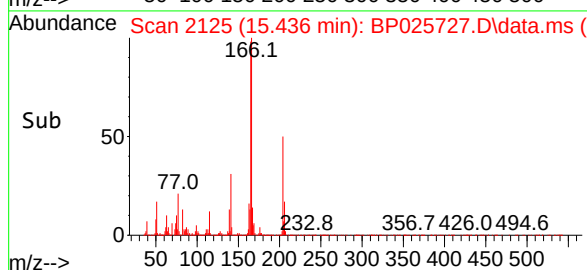
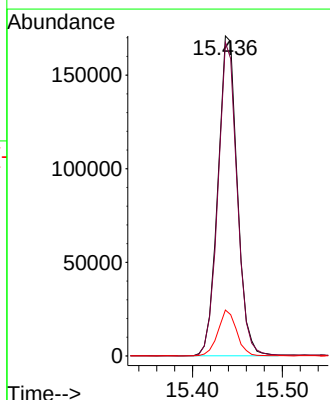
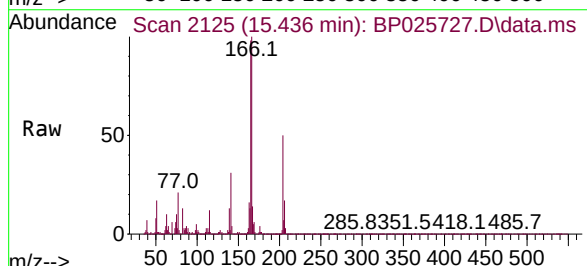
Manual Integrations
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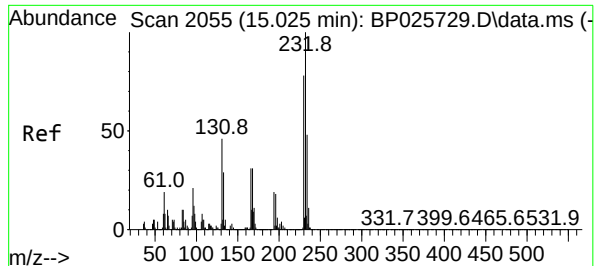
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 9.654 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:166 Resp: 258111
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 14.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.034 ng

RT: 15.013 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:232 Resp: 67402

Ion Ratio Lower Upper

232 100

131 46.1 36.7 55.1

130 2.7 2.0 3.0

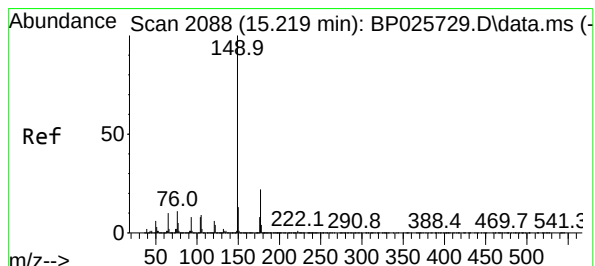
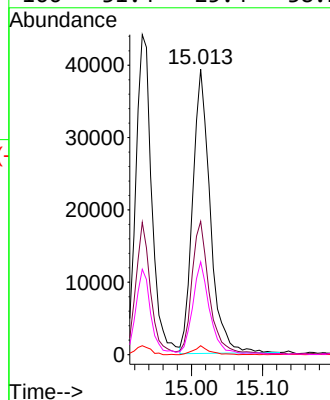
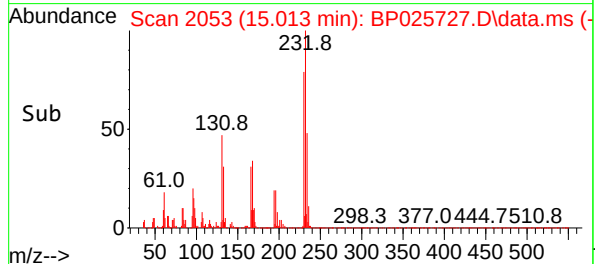
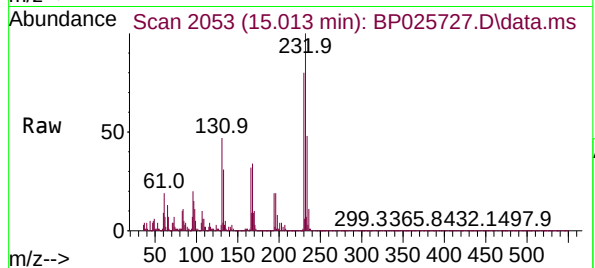
166 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 9.505 ng

RT: 15.213 min Scan# 2087

Delta R.T. -0.006 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

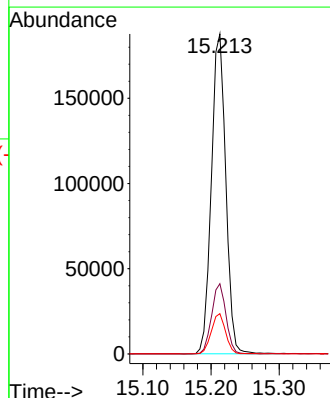
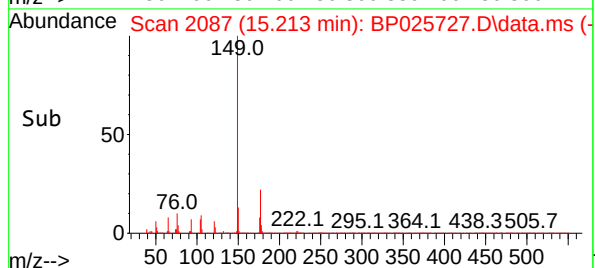
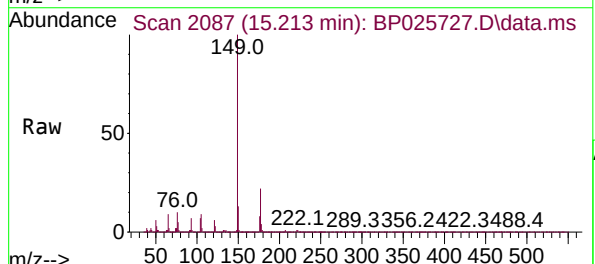
Tgt Ion:149 Resp: 274993

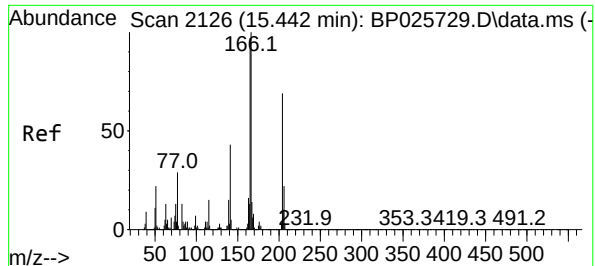
Ion Ratio Lower Upper

149 100

177 21.9 17.7 26.5

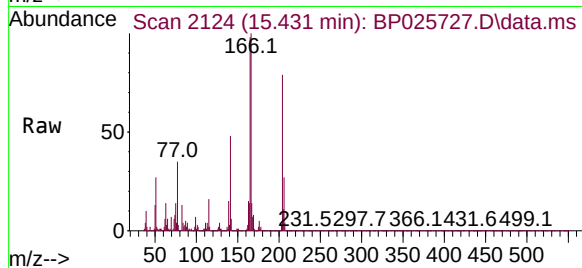
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 9.689 ng
RT: 15.431 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

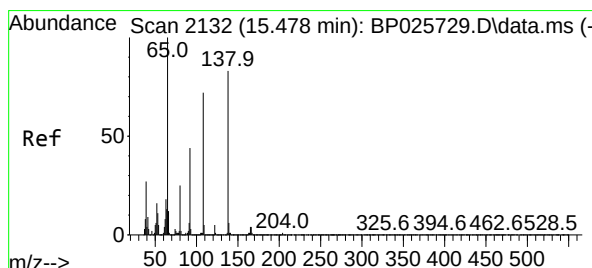
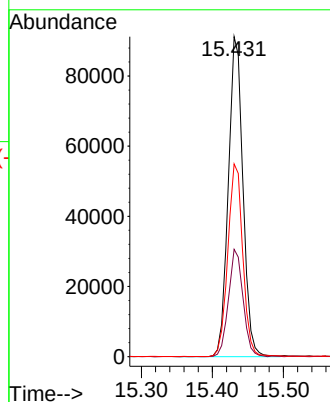
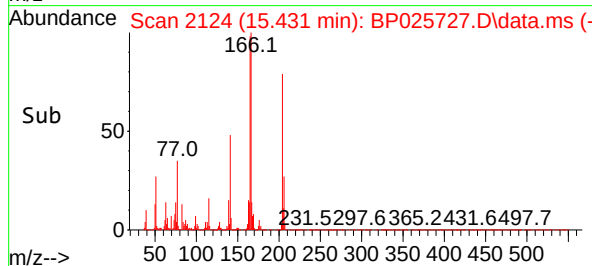
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 204 Resp: 130552
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 60.2 49.7 74.5

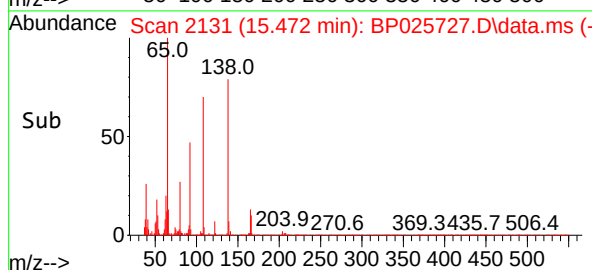
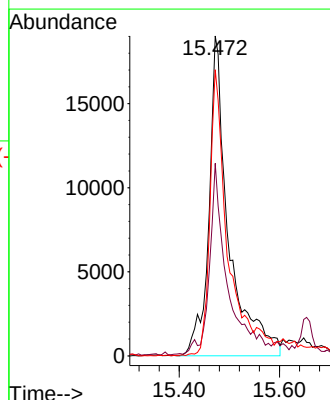
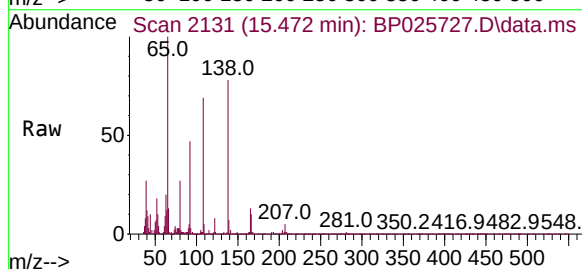
Manual Integrations
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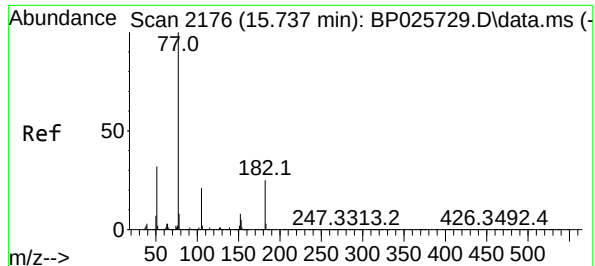
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 8.082 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

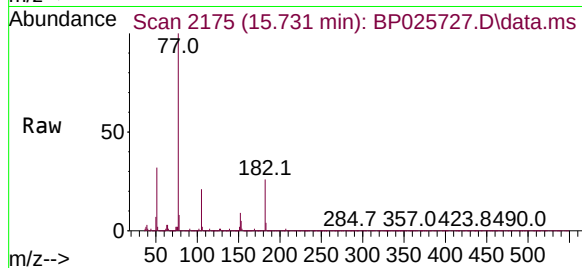
Tgt Ion: 138 Resp: 52570
Ion Ratio Lower Upper
138 100
92 60.2 33.3 73.3
108 89.4 66.7 106.7





#63
Azobenzene
Concen: 9.235 ng
RT: 15.731 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

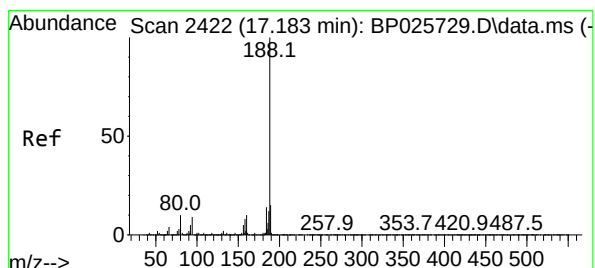
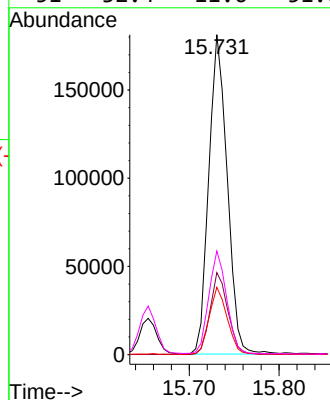
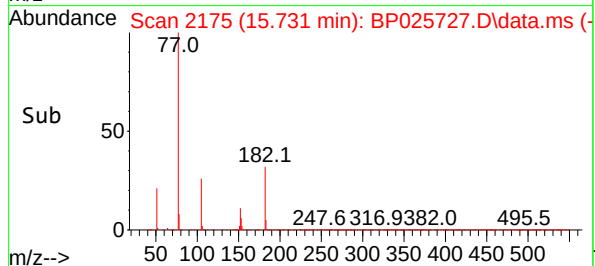
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 77 Resp: 258320
Ion Ratio Lower Upper
77 100
182 25.6 5.2 45.2
105 21.0 1.1 41.1
51 32.4 11.6 51.6

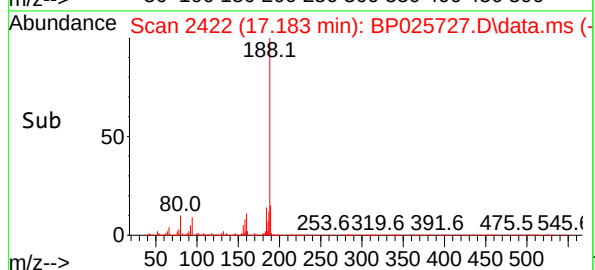
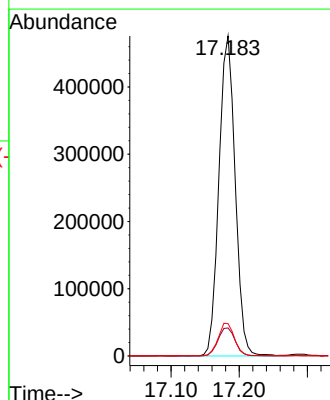
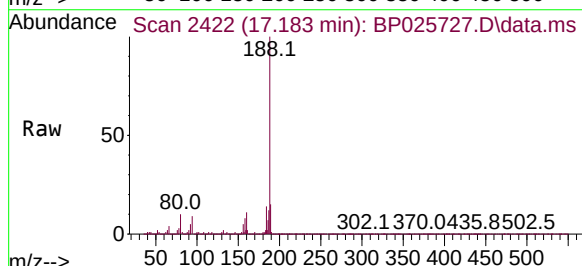
Manual Integrations
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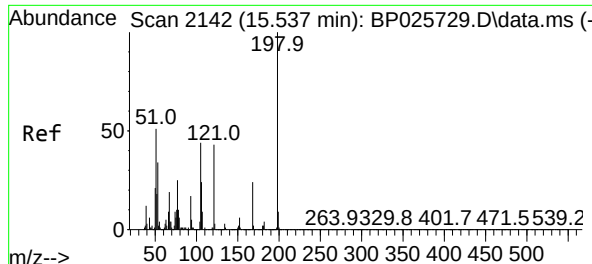
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

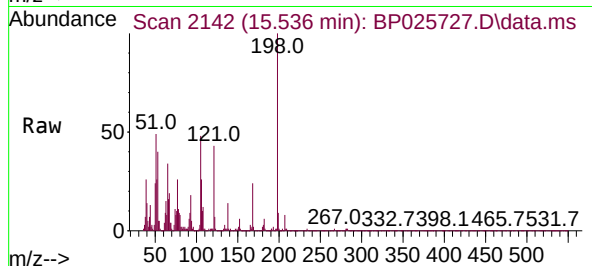
Tgt Ion:188 Resp: 783581
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 10.1 7.7 11.5





#65
4,6-Dinitro-2-methylphenol
Concen: 7.026 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

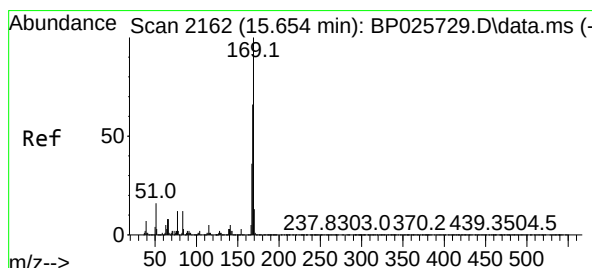
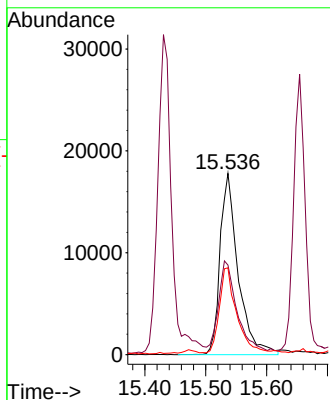
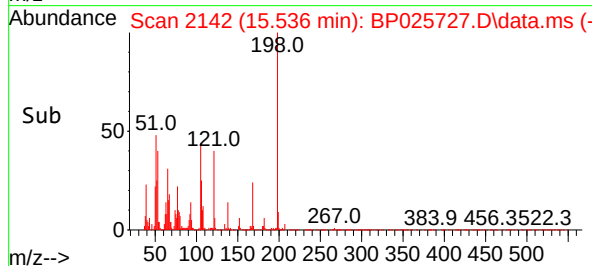
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:198 Resp: 36614
Ion Ratio Lower Upper
198 100
51 49.4 33.4 73.4
105 47.9 24.3 64.3

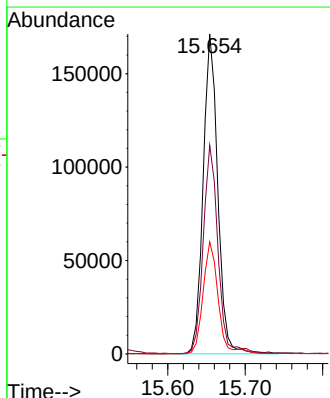
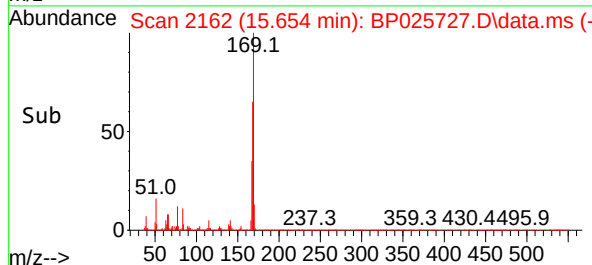
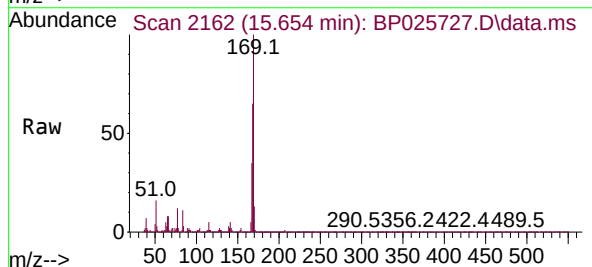
Manual Integrations
APPROVED

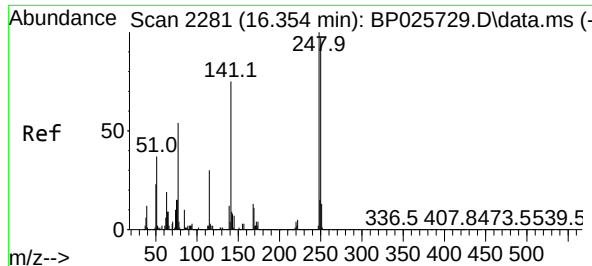
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#66
n-Nitrosodiphenylamine
Concen: 9.369 ng
RT: 15.654 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:169 Resp: 224671
Ion Ratio Lower Upper
169 100
168 65.2 52.6 78.8
167 35.0 28.5 42.7





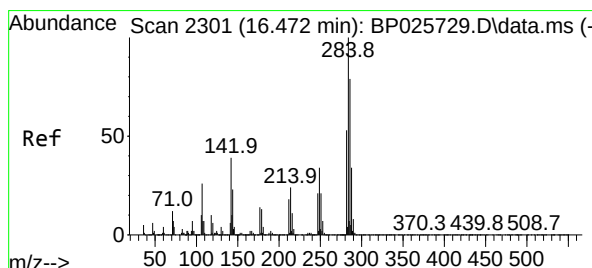
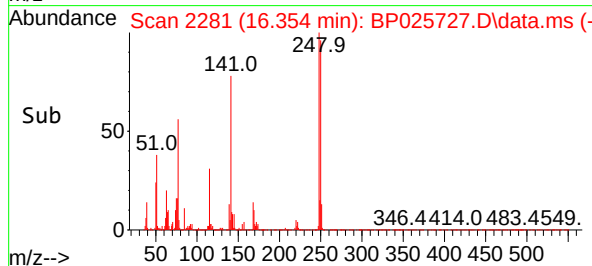
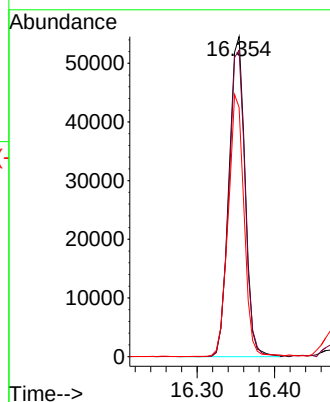
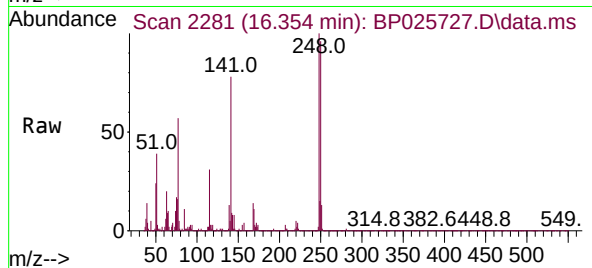
#67
4-Bromophenyl-phenylether
Concen: 9.206 ng
RT: 16.354 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 79245
Ion Ratio Lower Upper
248 100
250 95.7 77.5 116.3
141 77.9 60.2 90.4

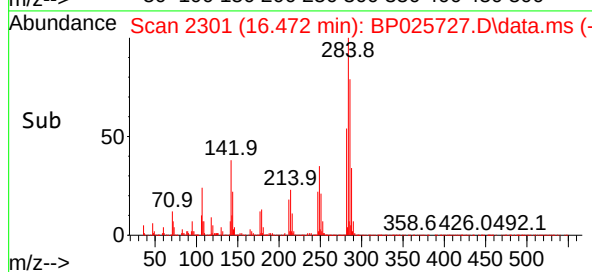
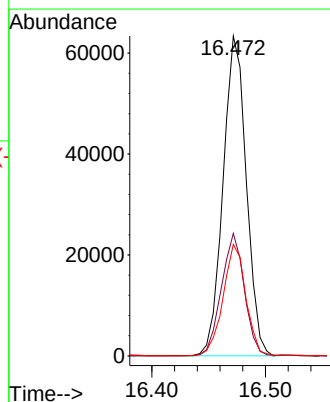
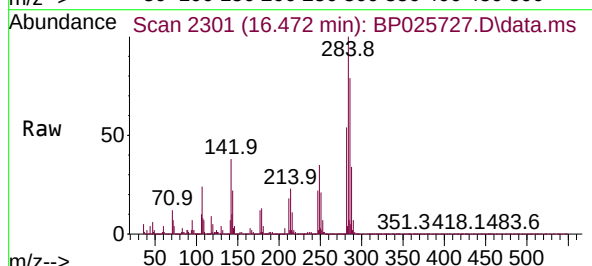
Manual Integrations
APPROVED

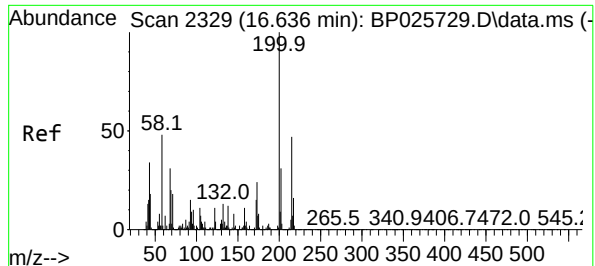
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#68
Hexachlorobenzene
Concen: 9.379 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

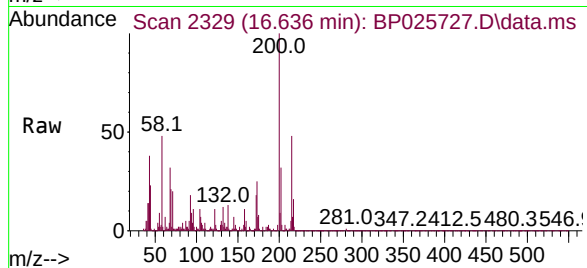
Tgt Ion:284 Resp: 90039
Ion Ratio Lower Upper
284 100
142 38.3 31.3 46.9
249 34.8 27.3 40.9





#69
Atrazine
Concen: 8.965 ng
RT: 16.636 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

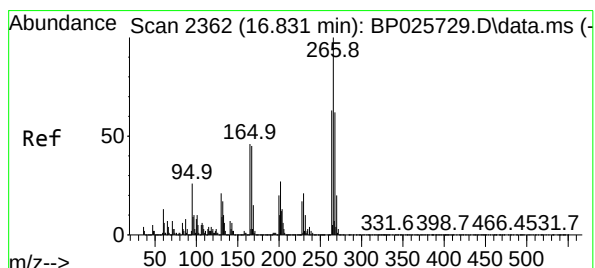
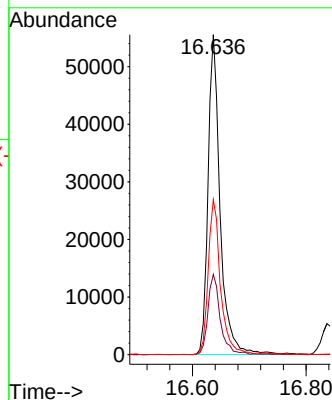
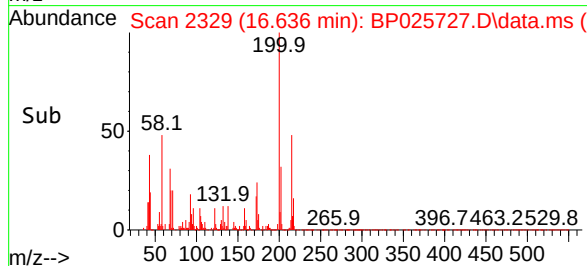
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:200 Resp: 82175
Ion Ratio Lower Upper
200 100
173 25.1 4.2 44.2
215 48.4 27.3 67.3

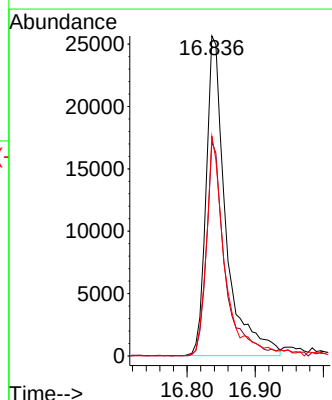
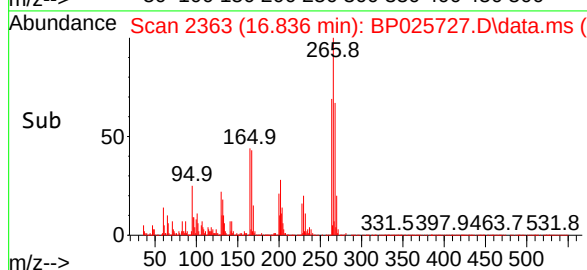
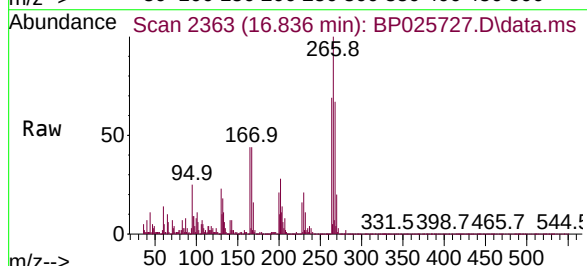
Manual Integrations
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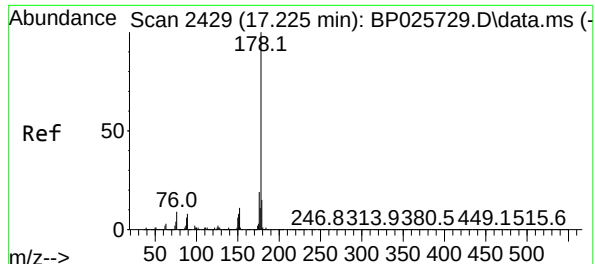
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#70
Pentachlorophenol
Concen: 8.150 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

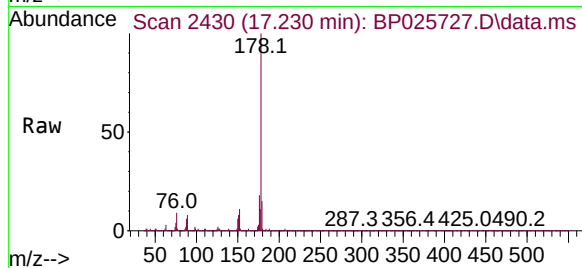
Tgt Ion:266 Resp: 51635
Ion Ratio Lower Upper
266 100
268 66.9 49.8 74.8
264 68.6 50.2 75.2





#71
Phenanthrene
Concen: 9.655 ng
RT: 17.230 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

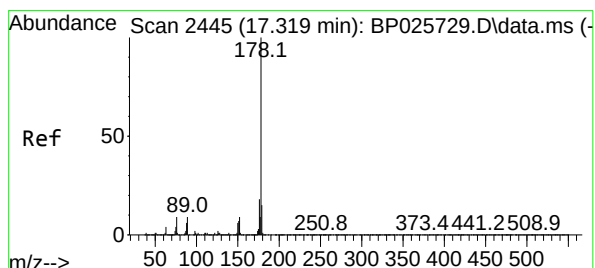
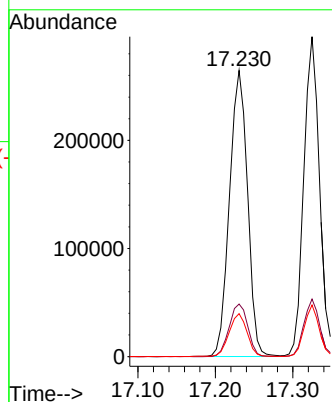
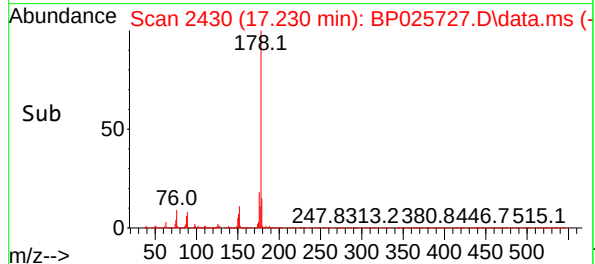
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:178 Resp: 429178
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.0 12.2 18.4

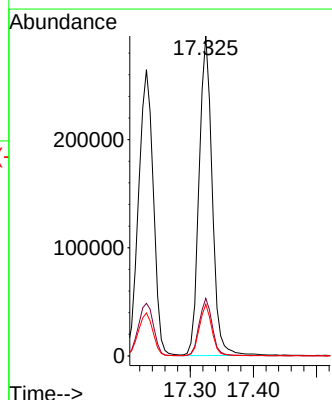
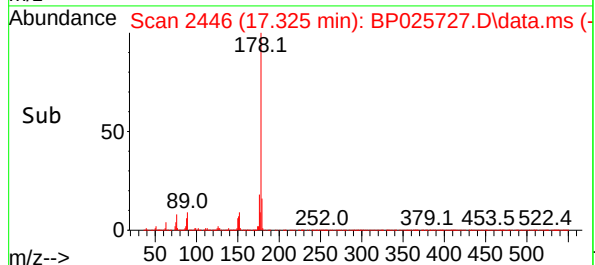
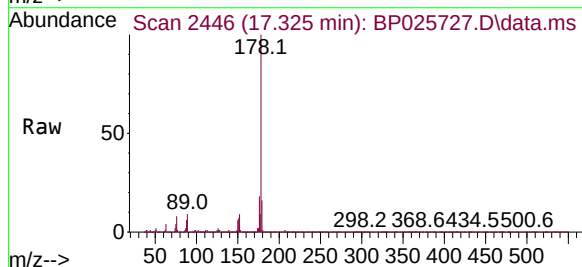
Manual Integrations
APPROVED

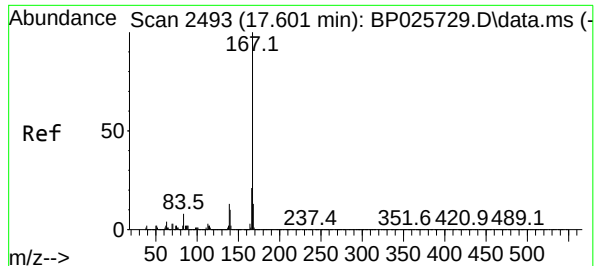
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#72
Anthracene
Concen: 9.435 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

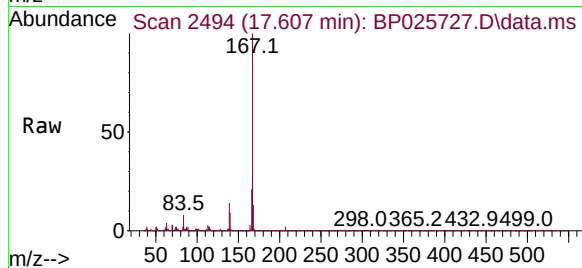
Tgt Ion:178 Resp: 425513
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 16.1 12.2 18.4





#73
Carbazole
Concen: 9.323 ng
RT: 17.607 min Scan# 2494
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

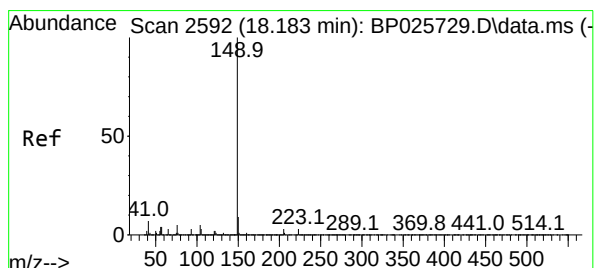
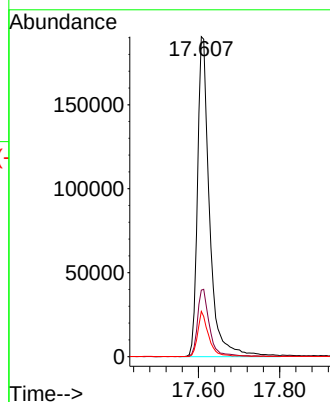
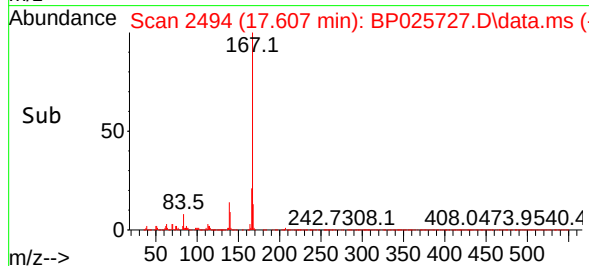
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:167 Resp: 390923
Ion Ratio Lower Upper
167 100
166 20.8 17.0 25.4
139 14.1 10.6 16.0

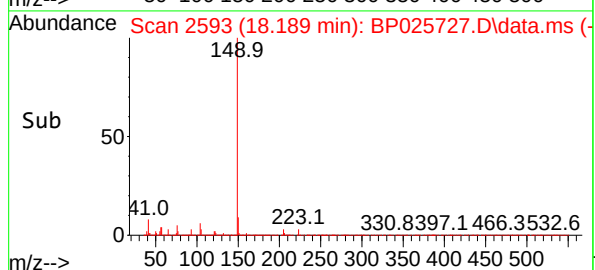
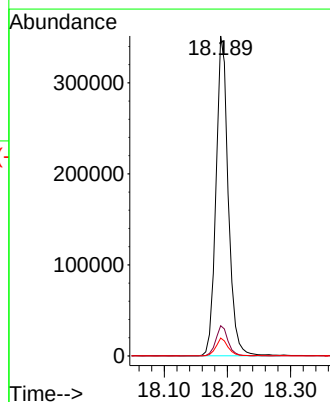
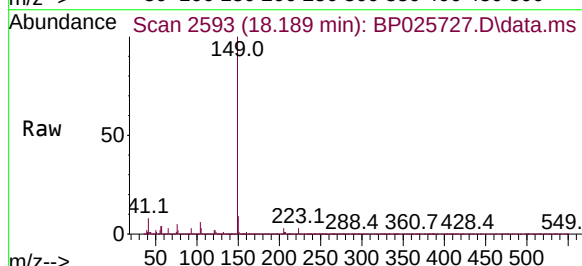
Manual Integrations
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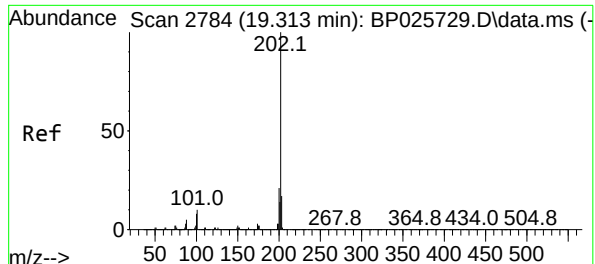
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#74
Di-n-butylphthalate
Concen: 9.240 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

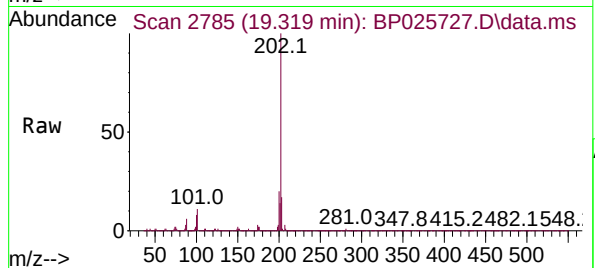
Tgt Ion:149 Resp: 475436
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 9.513 ng
RT: 19.319 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

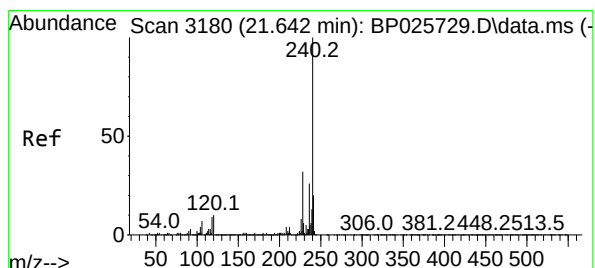
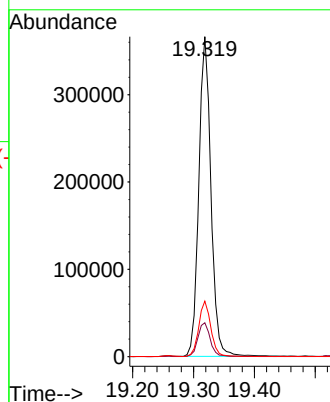
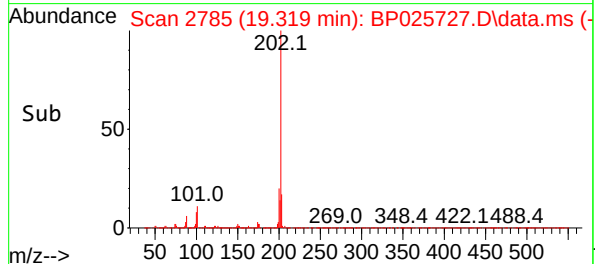
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 507116
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.4
203 17.3 0.0 37.4

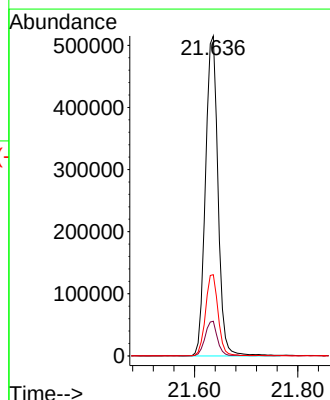
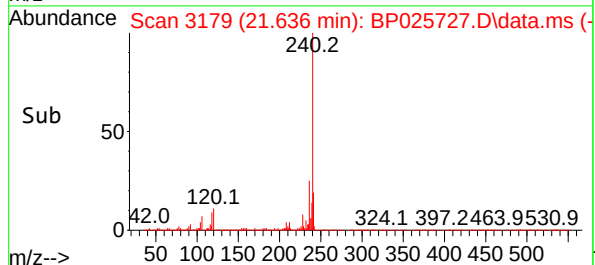
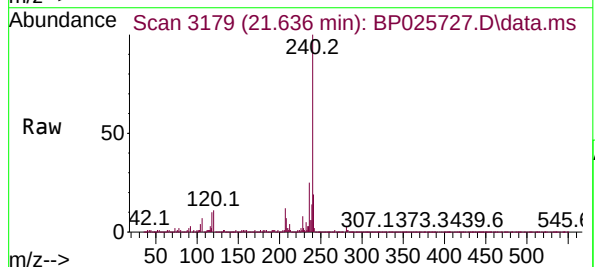
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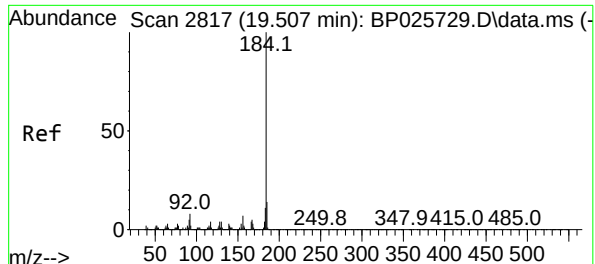
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:240 Resp: 866064
Ion Ratio Lower Upper
240 100
120 10.8 8.0 12.0
236 25.4 20.7 31.1





#77

Benzidine

Concen: 9.078 ng

RT: 19.525 min Scan# 2817

Delta R.T. 0.018 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:184 Resp: 226459

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

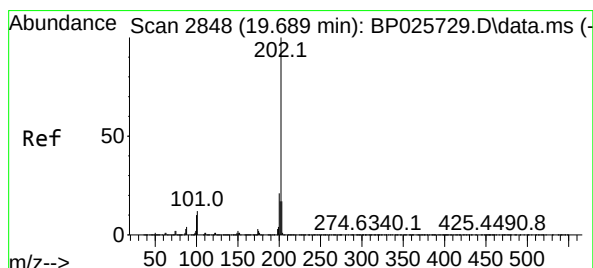
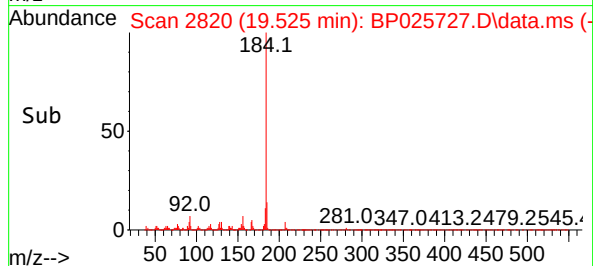
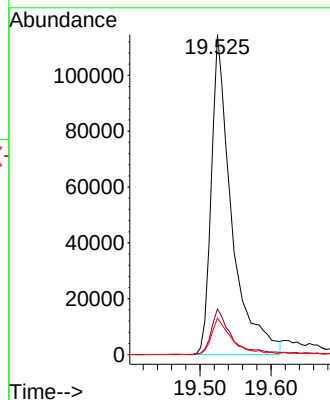
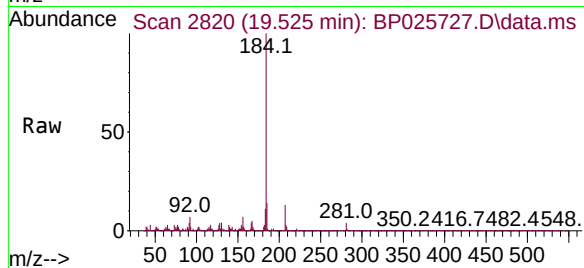
183 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#78

Pyrene

Concen: 9.311 ng

RT: 19.689 min Scan# 2848

Delta R.T. -0.000 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

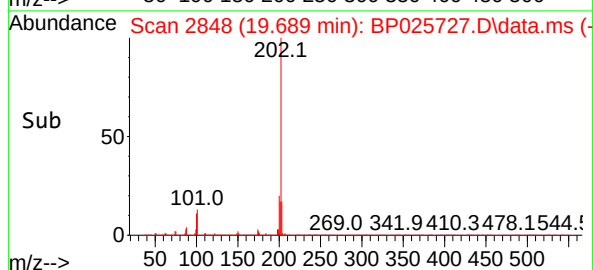
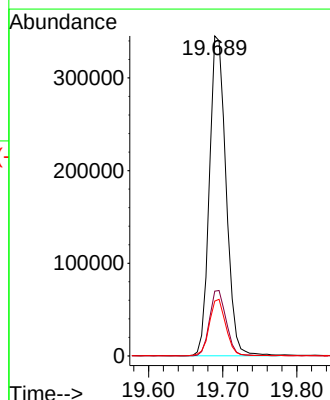
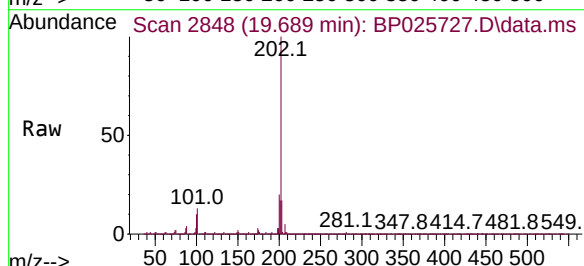
Tgt Ion:202 Resp: 538053

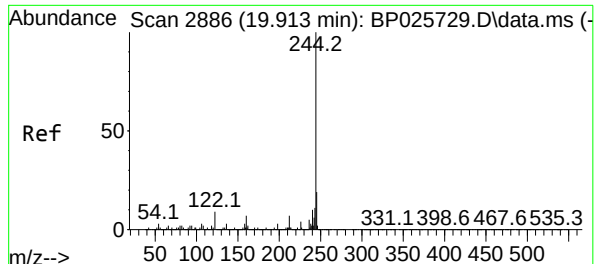
Ion Ratio Lower Upper

202 100

200 20.2 17.0 25.6

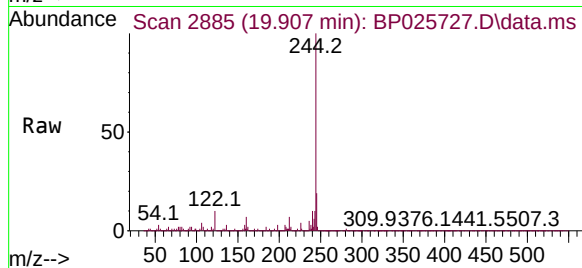
203 17.1 13.9 20.9





#79
Terphenyl-d14
Concen: 19.661 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

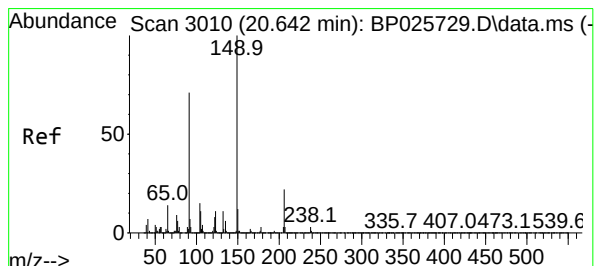
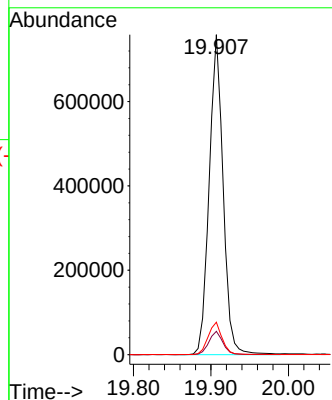
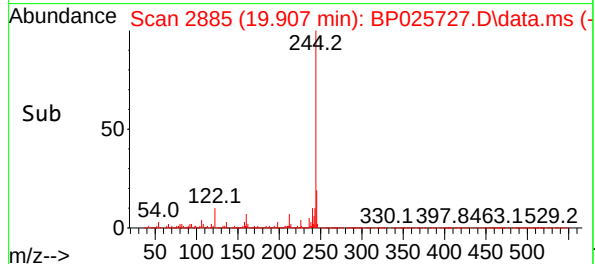
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:244 Resp: 946504
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.1 7.1 10.7

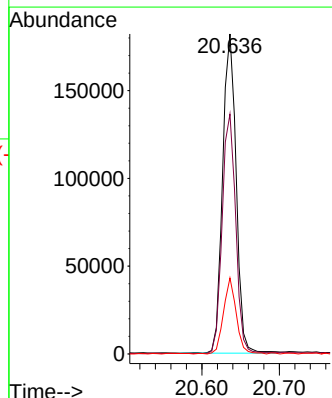
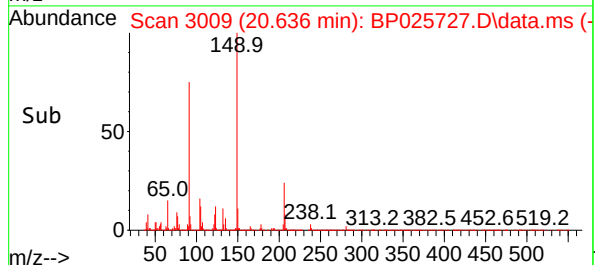
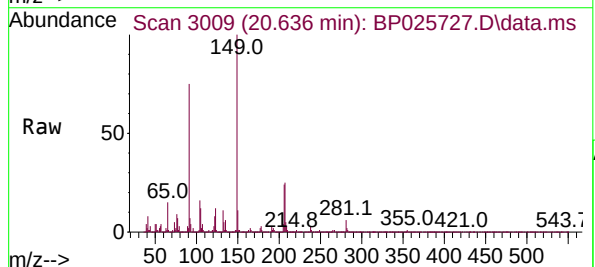
Manual Integrations
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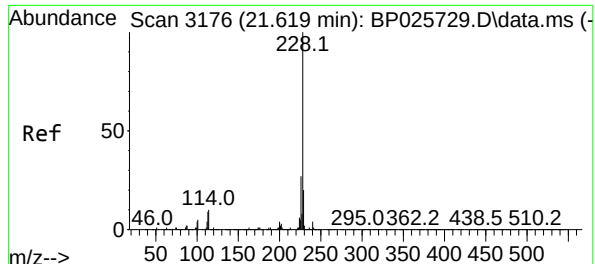
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#80
Butylbenzylphthalate
Concen: 8.731 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion:149 Resp: 221238
Ion Ratio Lower Upper
149 100
91 74.9 56.6 85.0
206 23.7 17.4 26.0





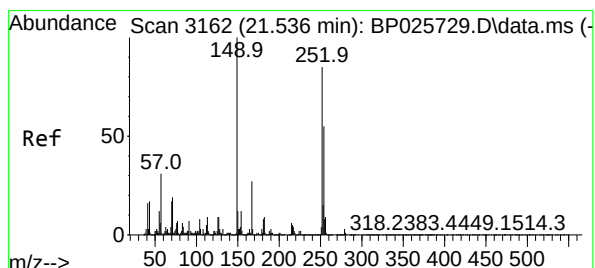
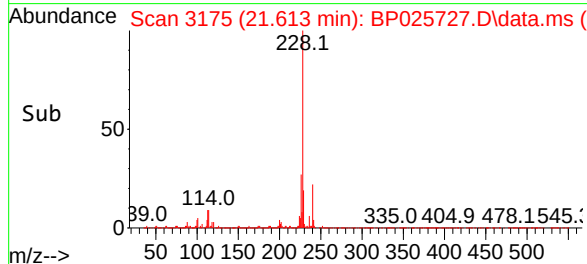
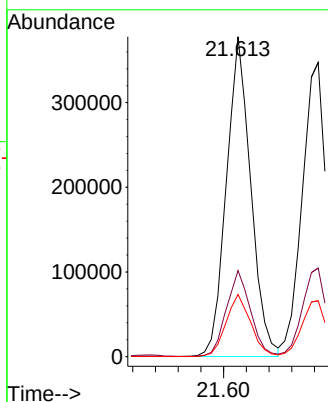
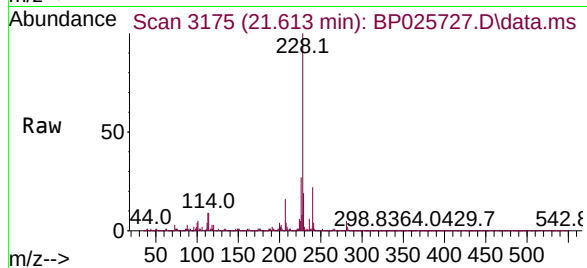
#81
Benzo(a)anthracene
Concen: 9.507 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 56368
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.4 15.7 23.5

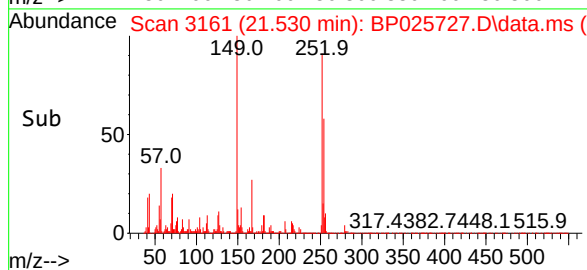
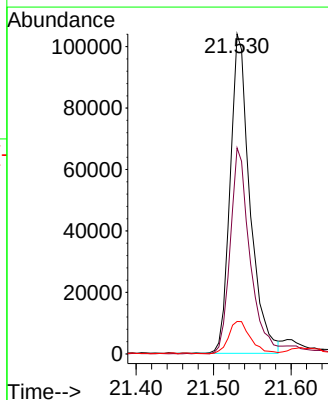
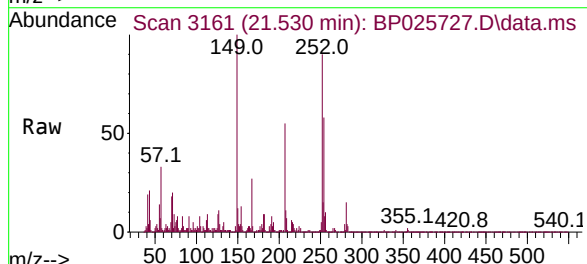
Manual Integrations
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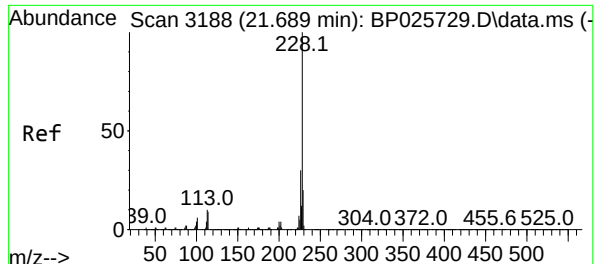
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 8.980 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

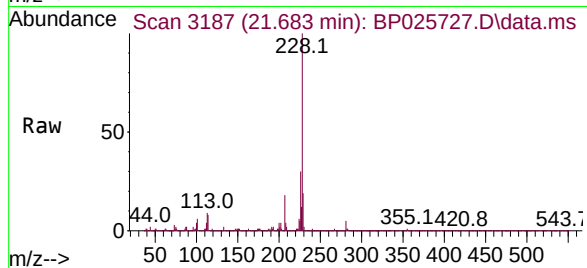
Tgt Ion:252 Resp: 184095
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 10.1 8.3 12.5





#83
Chrysene
Concen: 9.599 ng
RT: 21.683 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

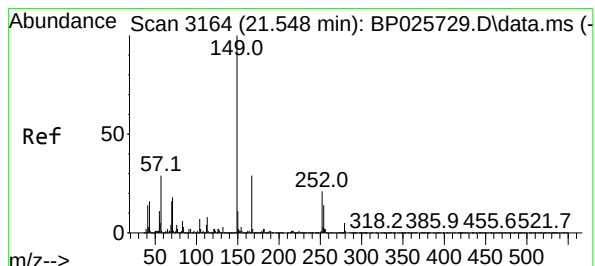
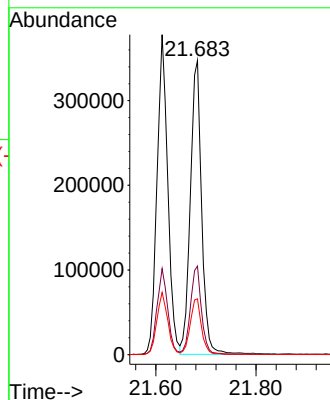
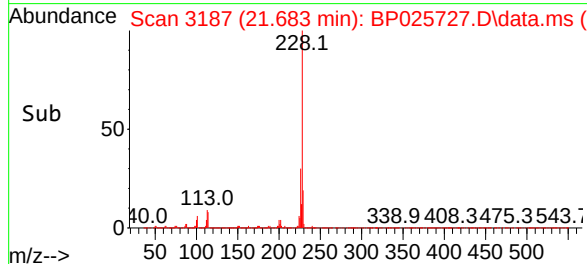
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:228 Resp: 542537
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.6
229 18.9 15.6 23.4

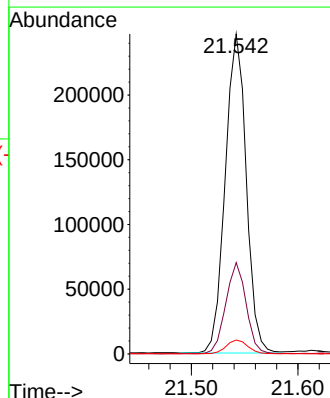
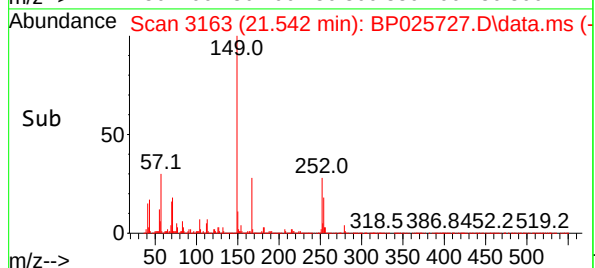
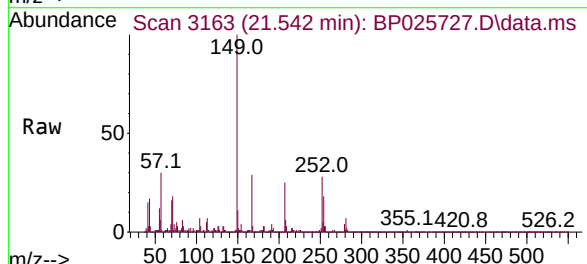
Manual Integrations
APPROVED

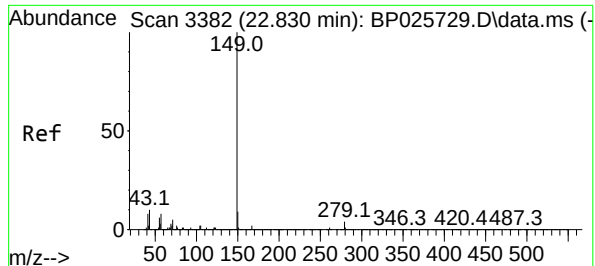
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.129 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

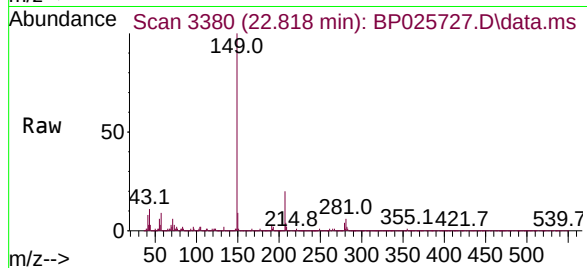
Tgt Ion:149 Resp: 338402
Ion Ratio Lower Upper
149 100
167 28.5 22.9 34.3
279 4.3 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 8.637 ng
RT: 22.818 min Scan# 3382
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

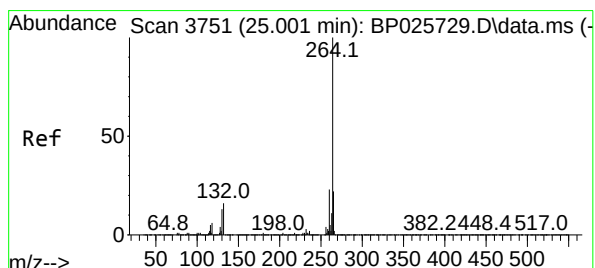
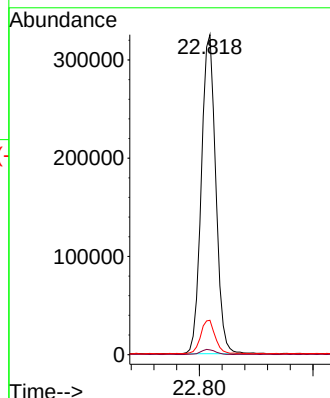
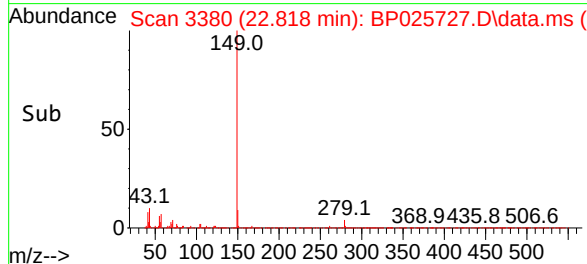
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 569524
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 8.0 12.0

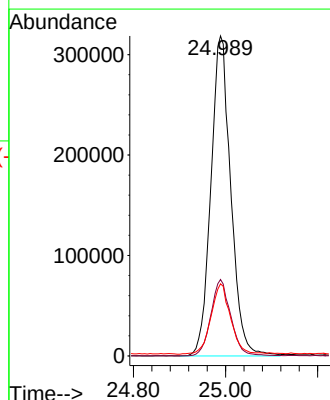
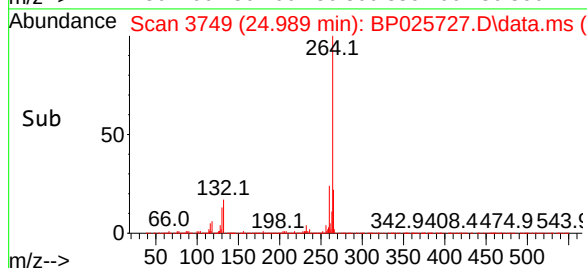
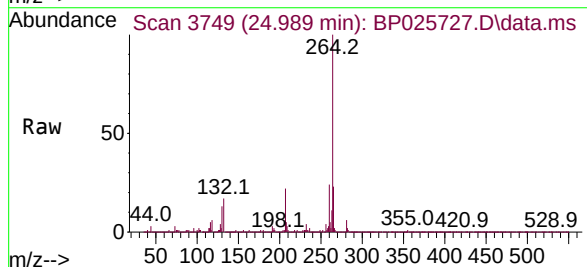
Manual Integrations
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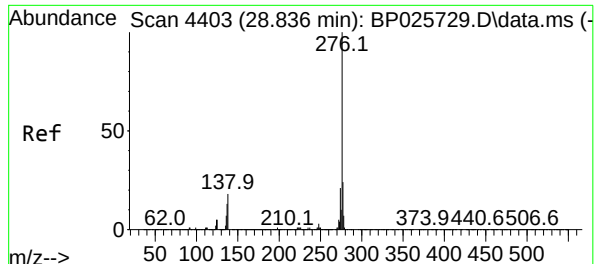
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3749
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

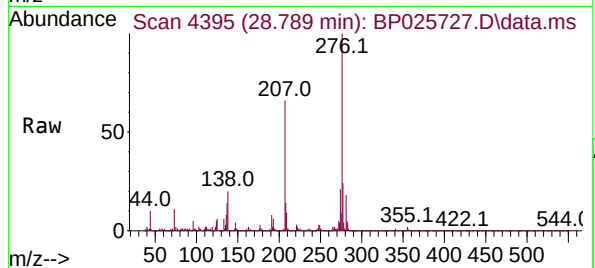
Tgt Ion:264 Resp: 954952
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 22.5 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 9.173 ng
RT: 28.789 min Scan# 4395
Delta R.T. -0.047 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

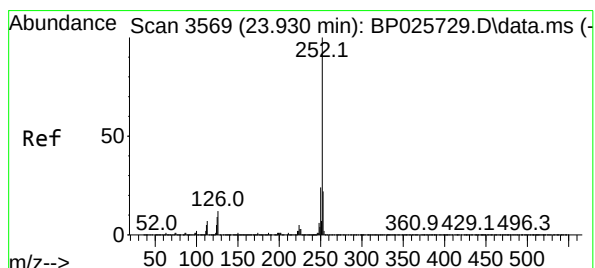
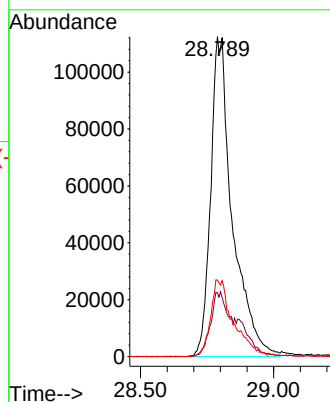
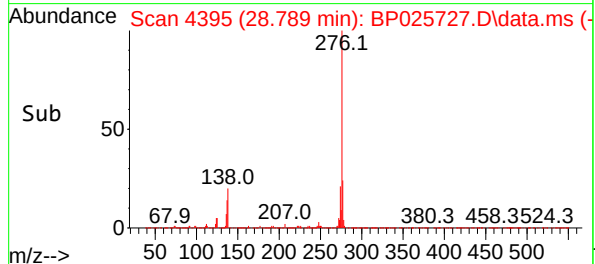
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 276 Resp: 637024
Ion Ratio Lower Upper
276 100
138 16.5 13.4 20.2
277 25.0 9.1 13.7

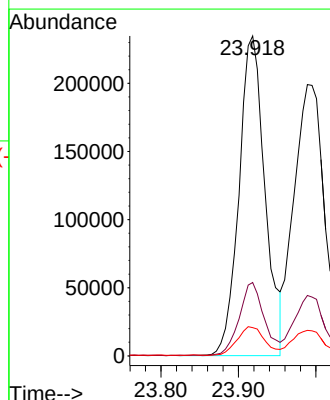
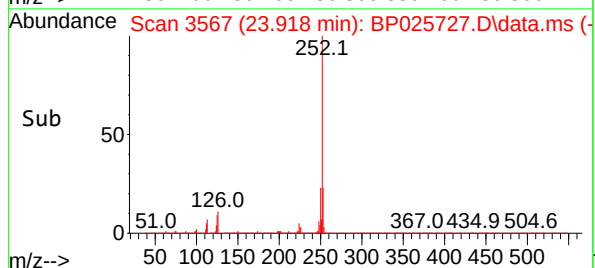
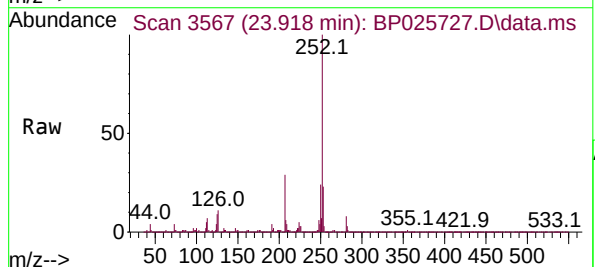
Manual Integrations
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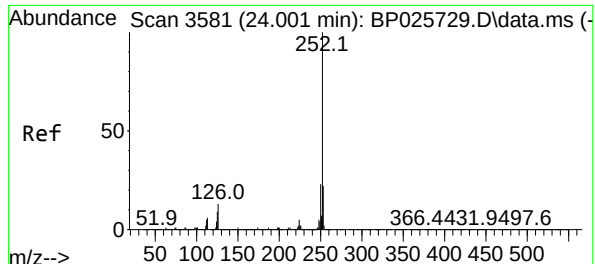
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#88
Benzo(b)fluoranthene
Concen: 9.360 ng
RT: 23.918 min Scan# 3567
Delta R.T. -0.012 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 252 Resp: 546577
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 8.8 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 9.378 ng

RT: 23.989 min Scan# 3581

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

Instrument :

BNA_P

ClientSampleId :

SSTDICC010

Tgt Ion:252 Resp: 558830

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

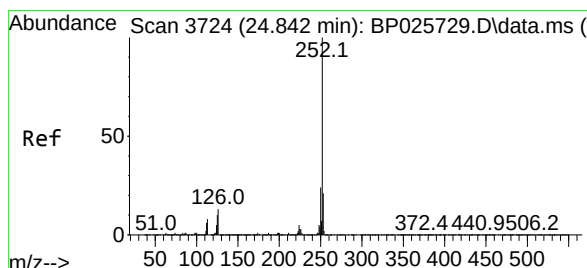
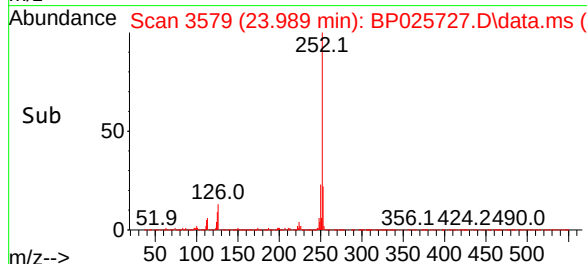
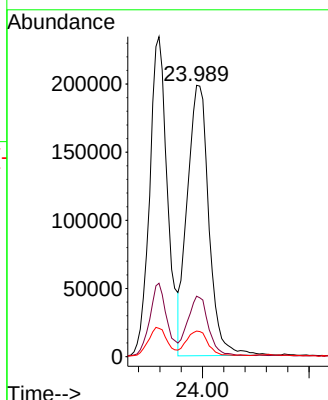
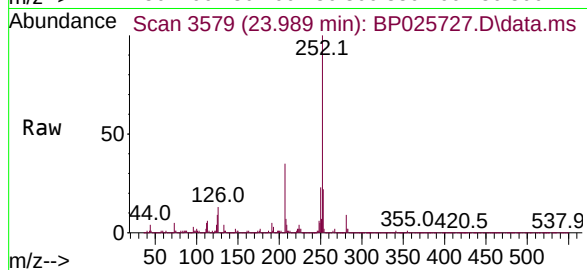
125 9.4 7.5 11.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 9.188 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.012 min

Lab File: BP025727.D

Acq: 11 Sep 2025 10:18

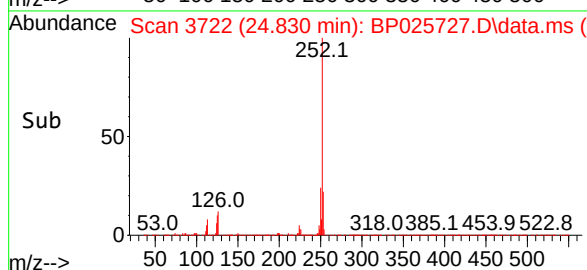
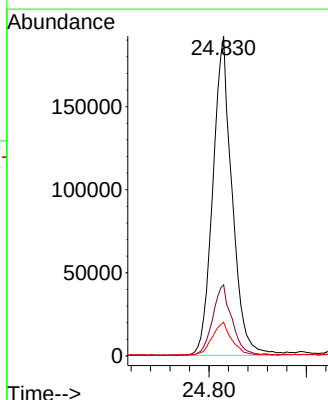
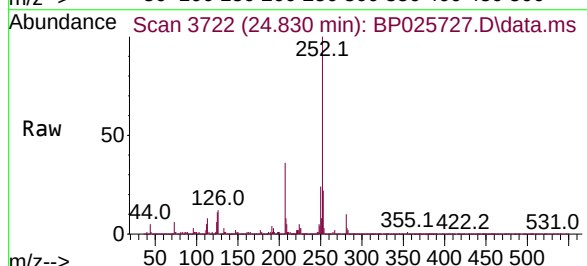
Tgt Ion:252 Resp: 525444

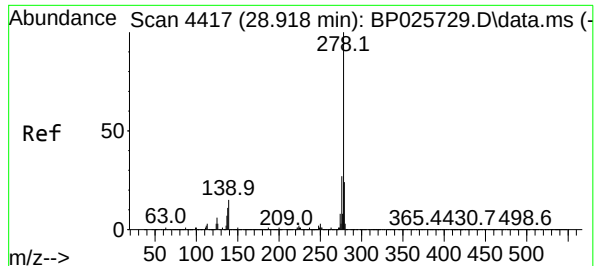
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

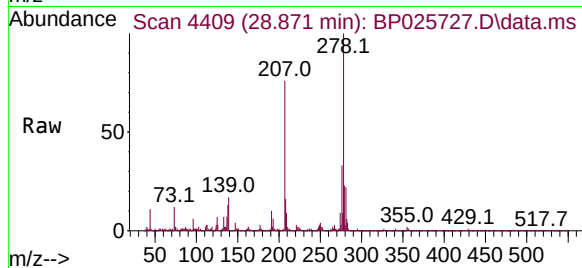
125 10.5 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 9.031 ng
RT: 28.871 min Scan# 4417
Delta R.T. -0.047 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

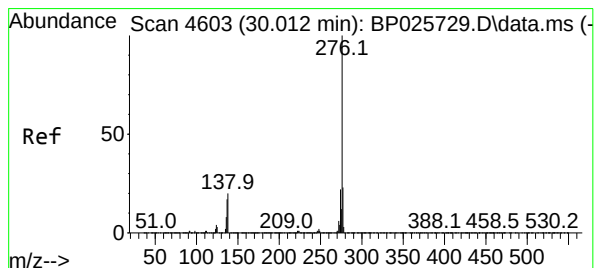
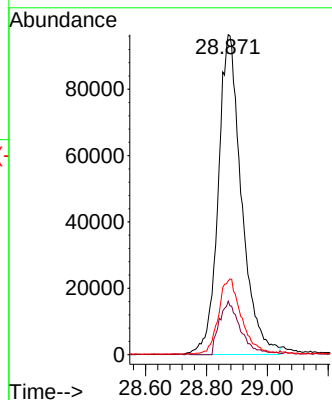
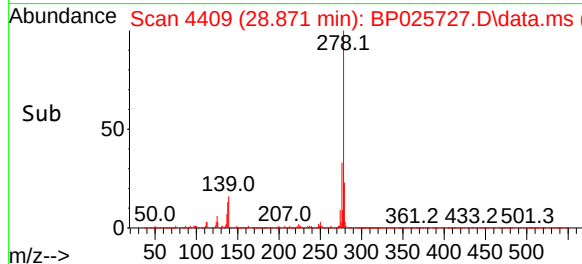
Instrument :
BNA_P
ClientSampleId :
SSTDICC010



Tgt Ion: 278 Resp: 513228
Ion Ratio Lower Upper
278 100
139 16.7 12.1 18.1
279 23.0 19.6 29.4

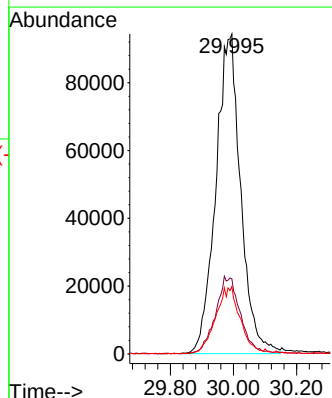
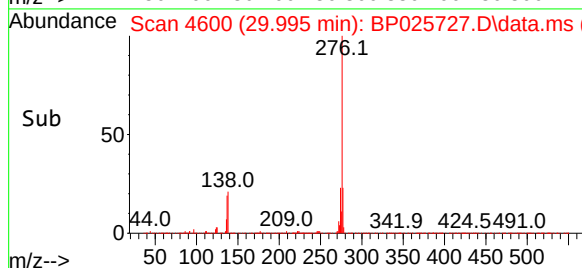
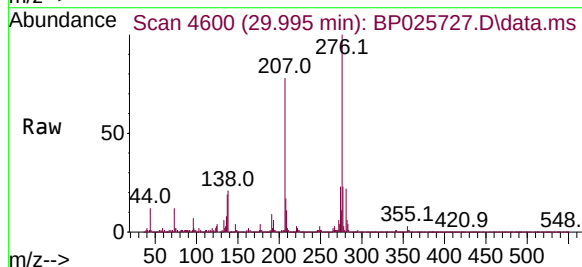
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 9.213 ng
RT: 29.995 min Scan# 4600
Delta R.T. -0.018 min
Lab File: BP025727.D
Acq: 11 Sep 2025 10:18

Tgt Ion: 276 Resp: 514884
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 21.0 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025728.D
 Acq On : 11 Sep 2025 10:59
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	143999	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	606294	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	418871	20.000	ng	0.00
64) Phenanthrene-d10	17.184	188	862789	20.000	ng	0.00
76) Chrysene-d12	21.630	240	931523	20.000	ng	-0.01
86) Perylene-d12	25.013	264	988151	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	380187	42.601	ng	0.00
7) Phenol-d6	6.943	99	516495	43.542	ng	0.00
23) Nitrobenzene-d5	8.902	82	594129	43.226	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	226554	43.363	ng	0.00
45) 2-Fluorobiphenyl	12.990	172	1386426	44.072	ng	0.00
79) Terphenyl-d14	19.901	244	2231186	43.089	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	80281	21.433	ng	99
3) Pyridine	3.708	79	219692	21.301	ng	98
4) n-Nitrosodimethylamine	3.614	42	103000	21.164	ng	100
6) Aniline	7.096	93	354574	21.775	ng	100
8) 2-Chlorophenol	7.337	128	208475	21.294	ng	99
9) Benzaldehyde	6.914	77	107710m	15.166	ng	
10) Phenol	6.972	94	266163	21.280	ng	98
11) bis(2-Chloroethyl)ether	7.190	93	217190	21.613	ng	97
12) 1,3-Dichlorobenzene	7.649	146	239289	21.475	ng	98
13) 1,4-Dichlorobenzene	7.790	146	244577	21.548	ng	97
14) 1,2-Dichlorobenzene	8.108	146	235224	21.333	ng	98
15) Benzyl Alcohol	8.002	79	205181	20.933	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	356609	21.700	ng	99
17) 2-Methylphenol	8.202	107	182618	21.655	ng	100
18) Hexachloroethane	8.825	117	91098	21.012	ng	99
19) n-Nitroso-di-n-propyla...	8.555	70	187222	22.899	ng	99
20) 3+4-Methylphenols	8.525	107	247752	20.978	ng	98
22) Acetophenone	8.572	105	353588	21.823	ng	# 98
24) Nitrobenzene	8.943	77	266699	21.629	ng	98
25) Isophorone	9.466	82	522705	21.636	ng	100
26) 2-Nitrophenol	9.649	139	115173	21.038	ng	99
27) 2,4-Dimethylphenol	9.713	122	208989	21.760	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	309508	22.163	ng	99
29) 2,4-Dichlorophenol	10.190	162	205319	21.441	ng	98
30) 1,2,4-Trichlorobenzene	10.390	180	228468	21.170	ng	97
31) Naphthalene	10.578	128	705465	21.579	ng	100
32) Benzoic acid	9.843	122	129745	18.170	ng	99
33) 4-Chloroaniline	10.690	127	296539	21.763	ng	99
34) Hexachlorobutadiene	10.860	225	149942	21.583	ng	99
35) Caprolactam	11.472	113	76940	20.887	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	245998	21.548	ng	97
37) 2-Methylnaphthalene	12.184	142	459751	21.896	ng	98
38) 1-Methylnaphthalene	12.413	142	489270	21.851	ng	100
40) 1,2,4,5-Tetrachloroben...	12.554	216	273360	21.536	ng	100
41) Hexachlorocyclopentadiene	12.537	237	136556	19.753	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	182331	21.851	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025728.D
 Acq On : 11 Sep 2025 10:59
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

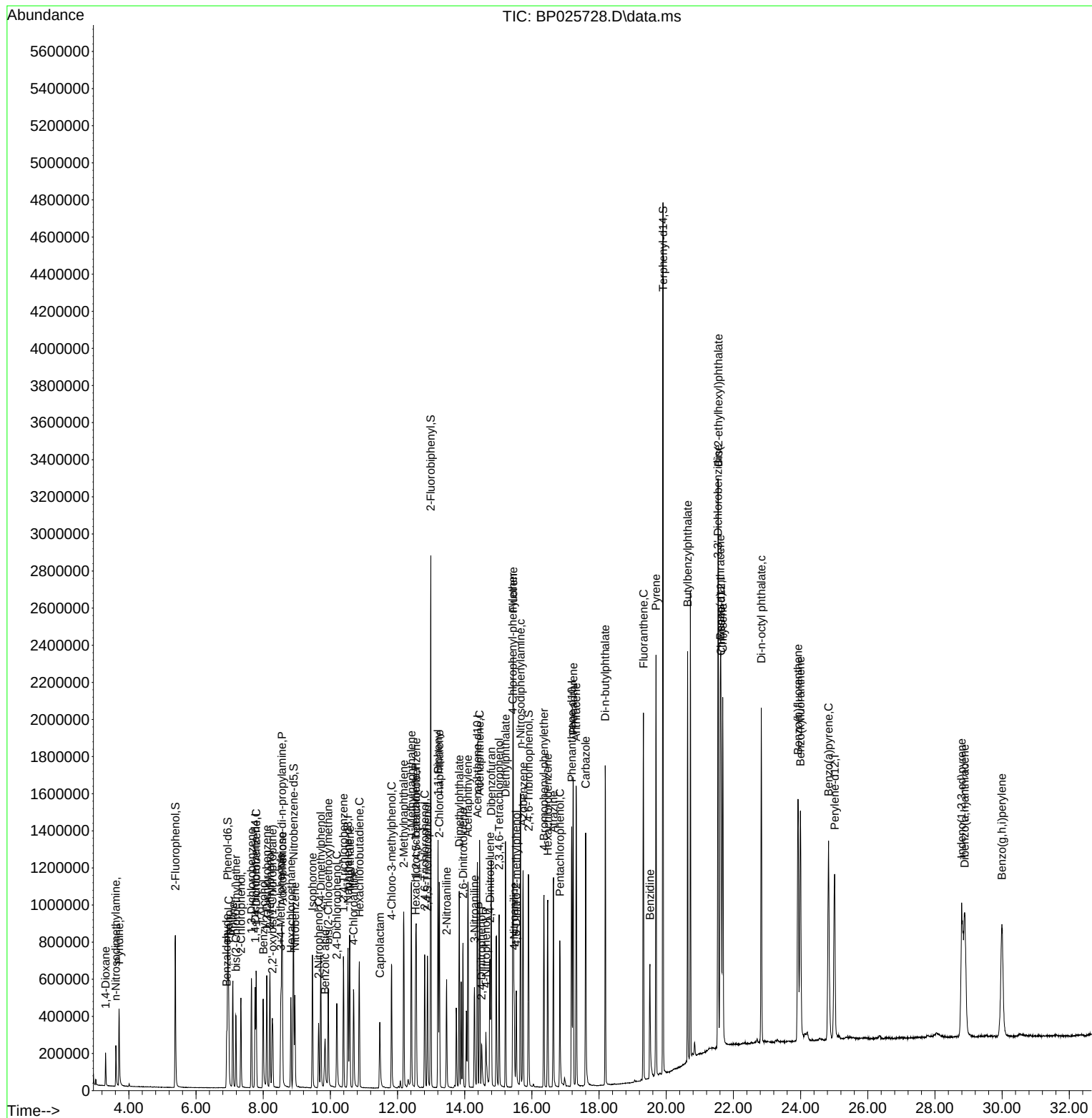
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	201778	21.728	ng	98
46) 1,1'-Biphenyl	13.207	154	669889	21.788	ng	99
47) 2-Chloronaphthalene	13.243	162	524481	21.665	ng	99
48) 2-Nitroaniline	13.460	65	174129	21.578	ng	99
49) Acenaphthylene	14.095	152	877353	21.873	ng	100
50) Dimethylphthalate	13.837	163	704532	22.031	ng	99
51) 2,6-Dinitrotoluene	13.948	165	147655	21.793	ng	99
52) Acenaphthene	14.443	154	505575	21.856	ng	99
53) 3-Nitroaniline	14.290	138	154856	21.735	ng	93
54) 2,4-Dinitrophenol	14.501	184	72511	20.292	ng	96
55) Dibenzofuran	14.790	168	823747	21.850	ng	98
56) 4-Nitrophenol	14.631	139	106678	20.895	ng	98
57) 2,4-Dinitrotoluene	14.754	165	209898	21.769	ng	93
58) Fluorene	15.442	166	661561	22.068	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	181997	21.756	ng	98
60) Diethylphthalate	15.213	149	710972	21.918	ng	98
61) 4-Chlorophenyl-phenyle...	15.431	204	331129	21.917	ng	99
62) 4-Nitroaniline	15.472	138	159664	21.891	ng	99
63) Azobenzene	15.737	77	690423	22.012	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	116319	20.272	ng	96
66) n-Nitrosodiphenylamine	15.660	169	587714	22.259	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	206823	21.820	ng	97
68) Hexachlorobenzene	16.472	284	229447	21.707	ng	94
69) Atrazine	16.642	200	223909	22.185	ng	98
70) Pentachlorophenol	16.831	266	145273	20.824	ng	98
71) Phenanthrene	17.231	178	1075795	21.981	ng	99
72) Anthracene	17.319	178	1104346	22.239	ng	99
73) Carbazole	17.601	167	1022406	22.146	ng	99
74) Di-n-butylphthalate	18.183	149	1266684	22.358	ng	99
75) Fluoranthene	19.319	202	1303398	22.205	ng	100
77) Benzidine	19.513	184	499919	18.631	ng	99
78) Pyrene	19.695	202	1345082	21.640	ng	99
80) Butylbenzylphthalate	20.636	149	592103	21.726	ng	97
81) Benzo(a)anthracene	21.607	228	1370258	21.486	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	464513	21.065	ng	99
83) Chrysene	21.683	228	1301547	21.410	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	866210	21.725	ng	99
85) Di-n-octyl phthalate	22.830	149	1493820	21.062	ng	100
87) Indeno(1,2,3-cd)pyrene	28.795	276	1514360	21.074	ng	# 85
88) Benzo(b)fluoranthene	23.924	252	1288073	21.316	ng	98
89) Benzo(k)fluoranthene	23.995	252	1351055	21.911	ng	98
90) Benzo(a)pyrene	24.830	252	1260461	21.300	ng	99
91) Dibenzo(a,h)anthracene	28.883	278	1238767	21.066	ng	99
92) Benzo(g,h,i)perylene	29.995	276	1210808	20.937	ng	99

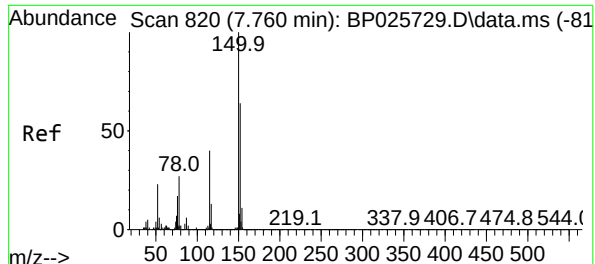
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

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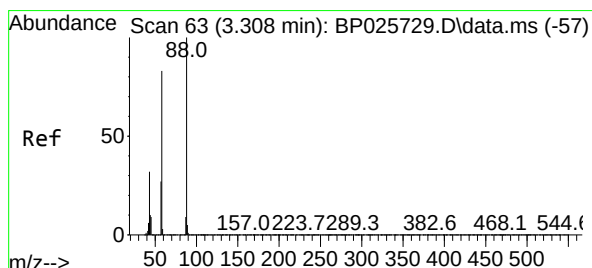
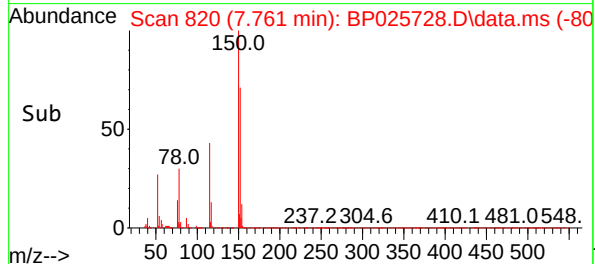
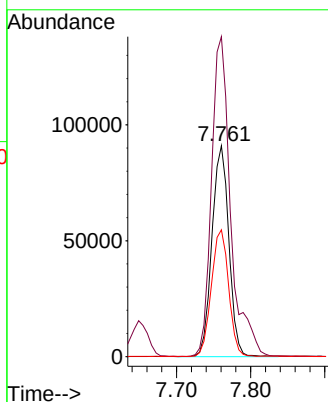
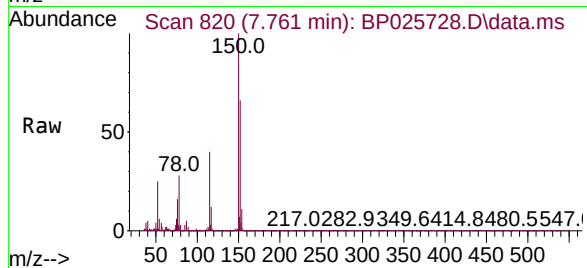
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 820
Delta R.T. 0.001 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:152 Resp: 143999
Ion Ratio Lower Upper
152 100
150 151.8 124.3 186.5
115 60.2 50.3 75.5

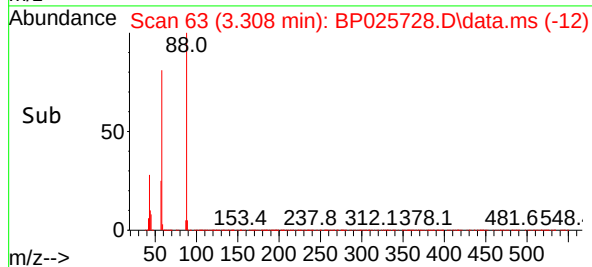
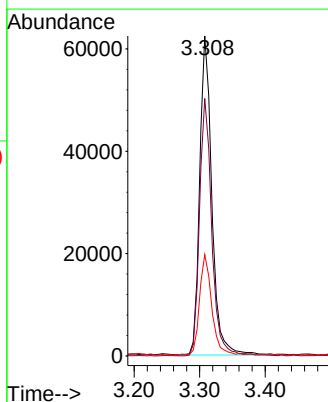
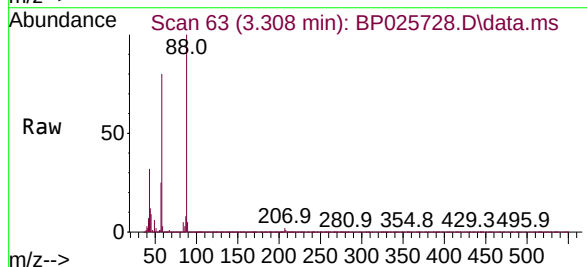
Manual Integrations
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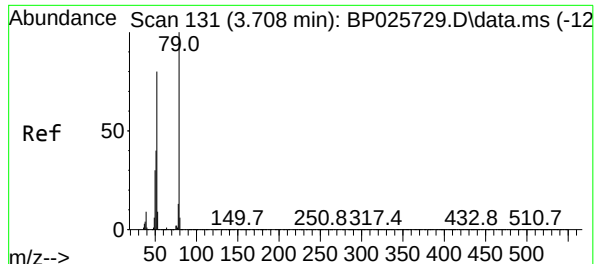
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 21.433 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

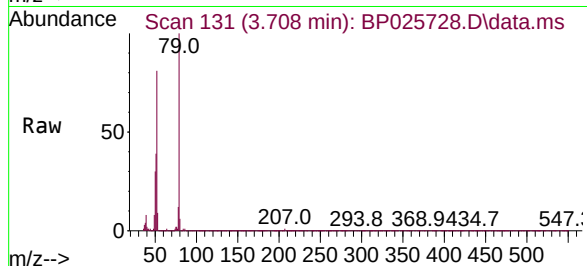
Tgt Ion: 88 Resp: 80281
Ion Ratio Lower Upper
88 100
58 81.1 65.5 98.3
43 31.6 25.2 37.8





#3
Pyridine
Concen: 21.301 ng
RT: 3.708 min Scan# 131
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

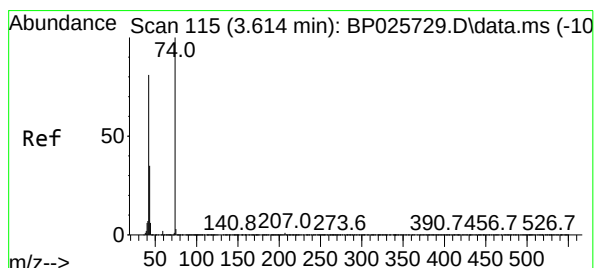
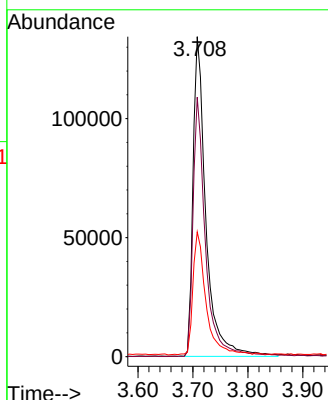
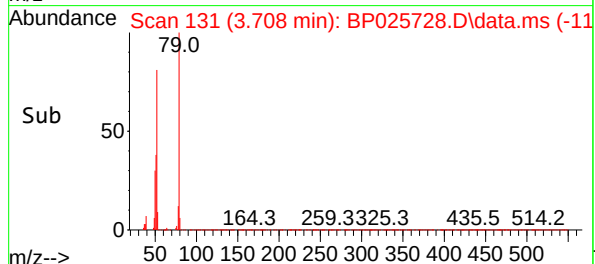
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



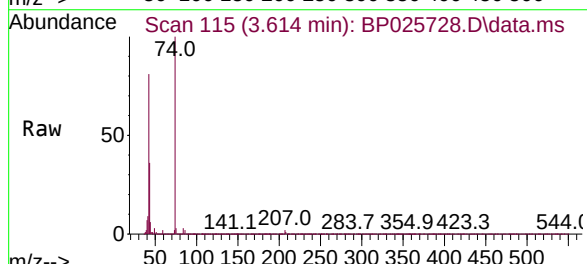
Tgt Ion: 79 Resp: 219692
Ion Ratio Lower Upper
79 100
52 81.1 63.7 95.5
51 39.0 32.4 48.6

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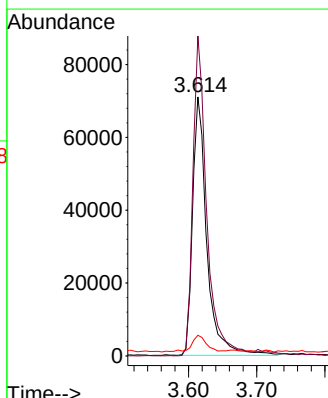
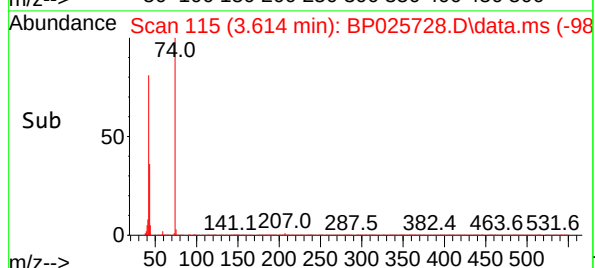
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

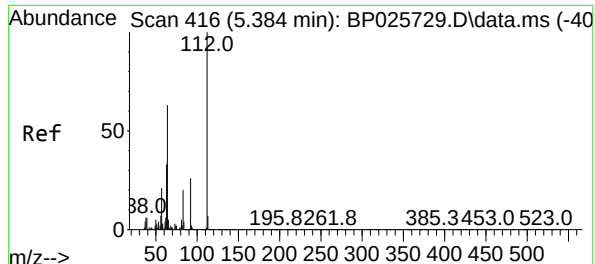


#4
n-Nitrosodimethylamine
Concen: 21.164 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59



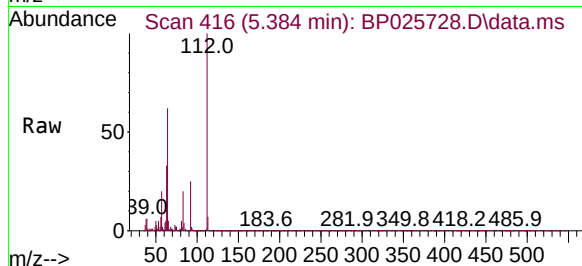
Tgt Ion: 42 Resp: 103000
Ion Ratio Lower Upper
42 100
74 123.6 99.2 148.8
44 8.0 6.4 9.6





#5
2-Fluorophenol
Concen: 42.601 ng
RT: 5.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

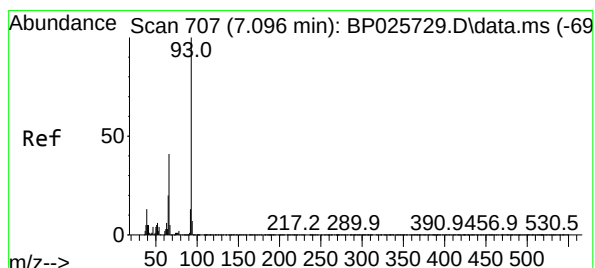
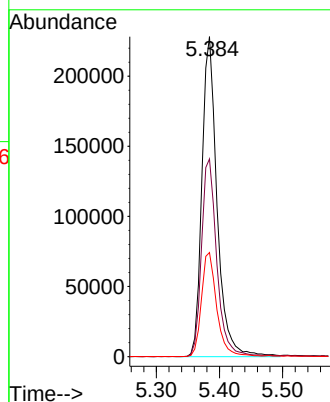
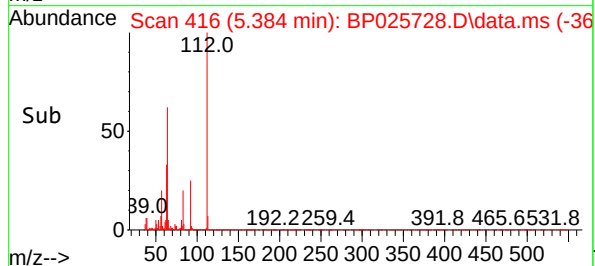
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 112 Resp: 380187
Ion Ratio Lower Upper
112 100
64 61.8 50.2 75.4
63 32.5 26.7 40.1

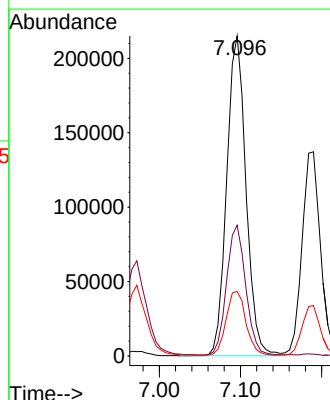
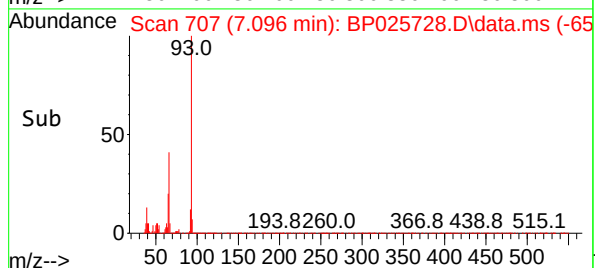
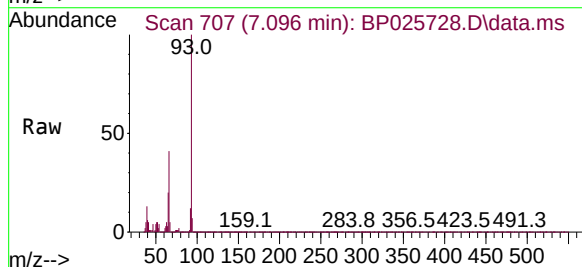
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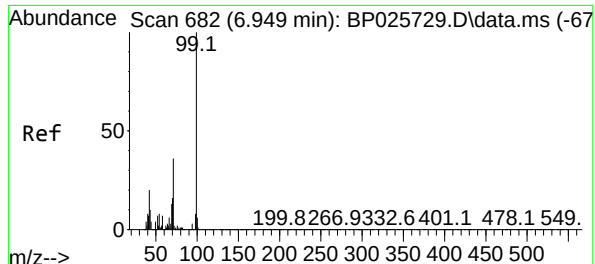
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 21.775 ng
RT: 7.096 min Scan# 707
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 93 Resp: 354574
Ion Ratio Lower Upper
93 100
66 40.8 32.6 49.0
65 20.1 16.2 24.2





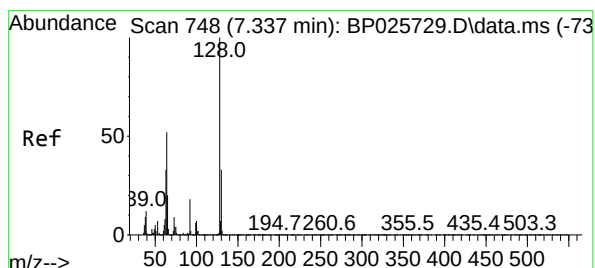
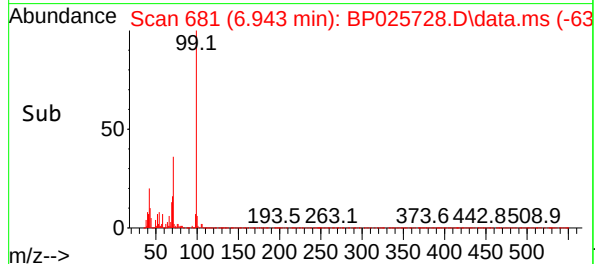
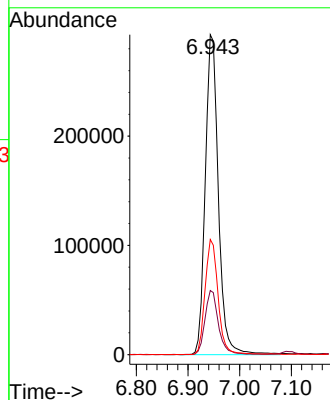
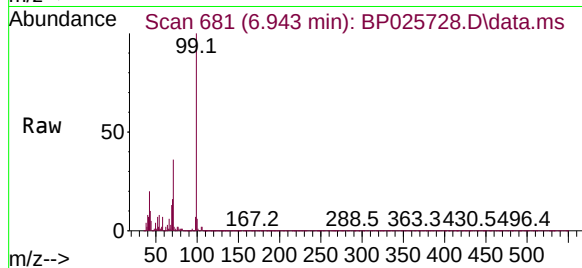
#7
Phenol-d6
Concen: 43.542 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 99 Resp: 516495
Ion Ratio Lower Upper
99 100
42 20.0 15.6 23.4
71 36.0 28.6 43.0

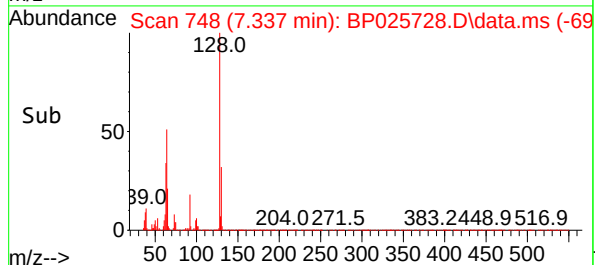
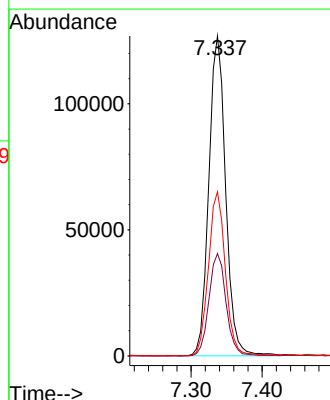
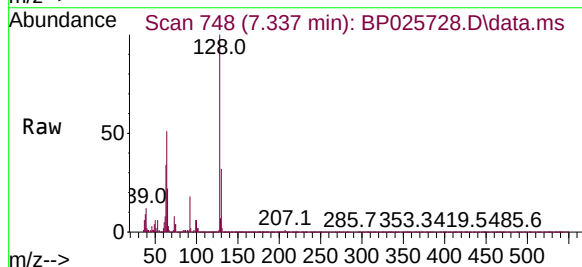
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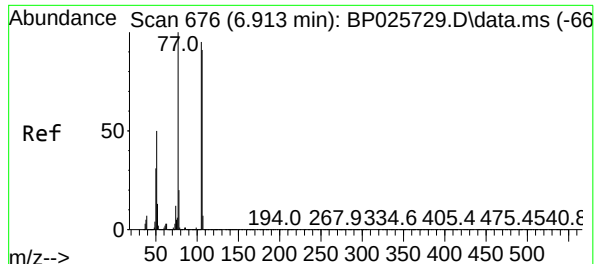
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#8
2-Chlorophenol
Concen: 21.294 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:128 Resp: 208475
Ion Ratio Lower Upper
128 100
130 32.0 12.6 52.6
64 51.3 31.6 71.6





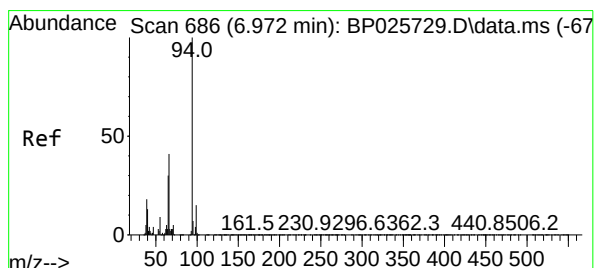
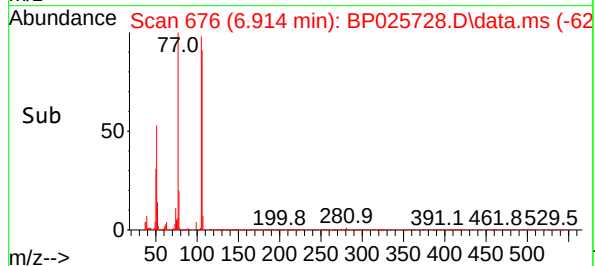
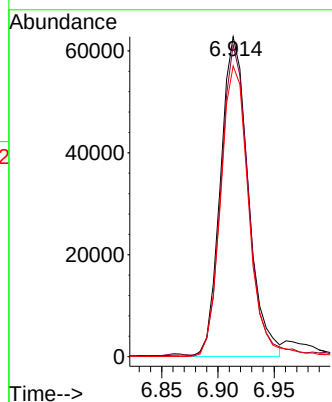
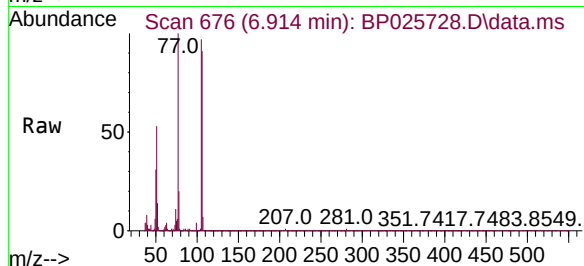
#9
Benzaldehyde
Concen: 15.166 ng m
RT: 6.914 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 77 Resp: 107710
Ion Ratio Lower Upper
77 100
105 97.4 75.2 115.2
106 90.8 71.3 111.3

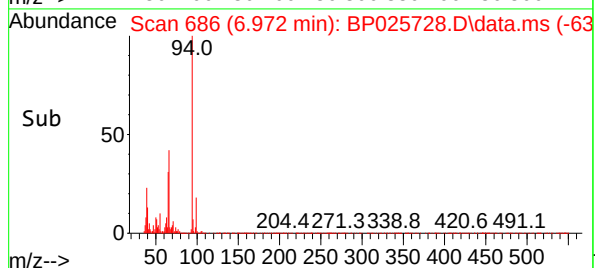
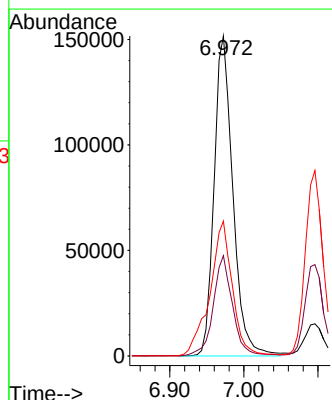
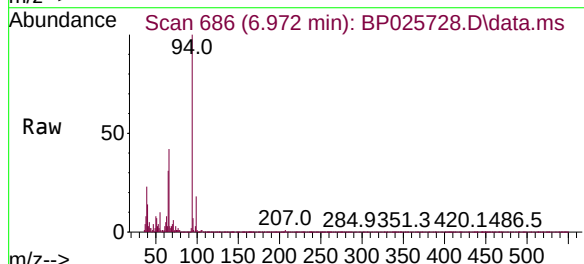
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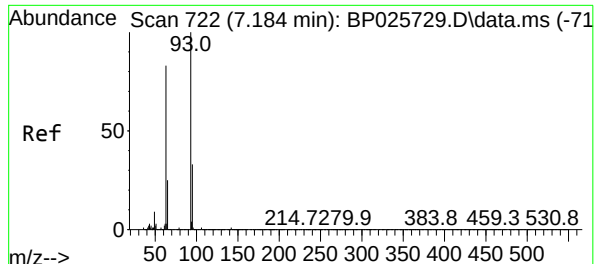
Reviewed By :Rahul Chavli 09/12/2025
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#10
Phenol
Concen: 21.280 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 94 Resp: 266163
Ion Ratio Lower Upper
94 100
65 31.3 10.2 50.2
66 42.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 21.613 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 93 Resp: 217190

Ion Ratio Lower Upper

93 100

63 79.8 62.6 102.6

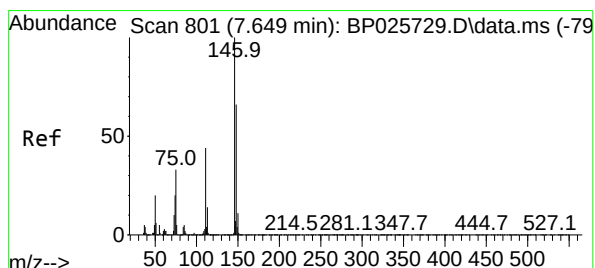
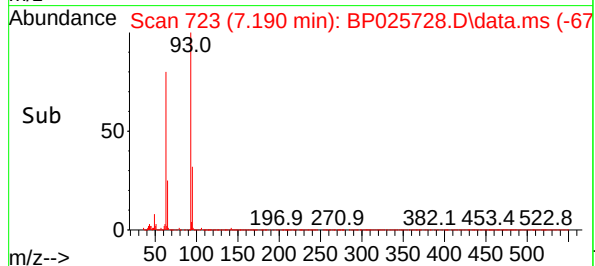
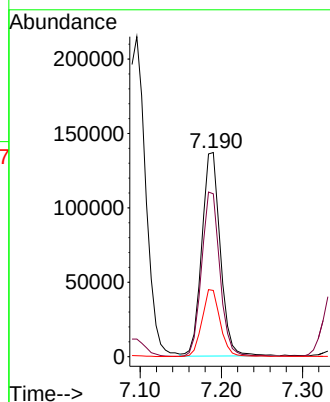
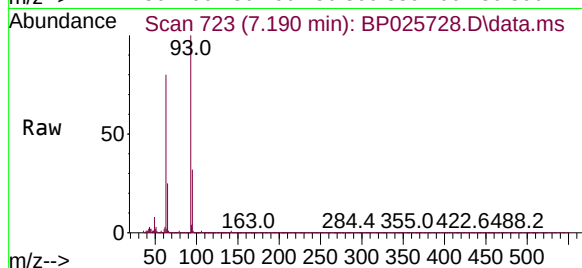
95 32.4 13.2 53.2

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 21.475 ng

RT: 7.649 min Scan# 801

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

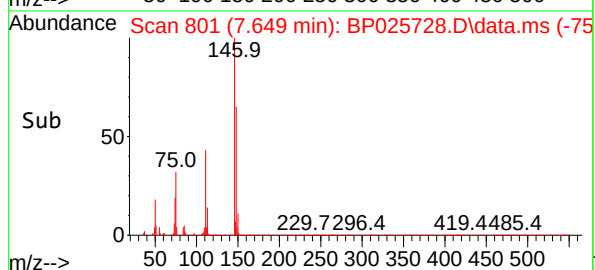
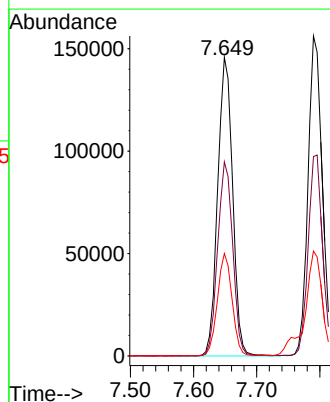
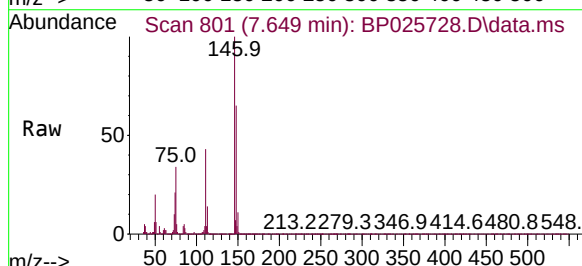
Tgt Ion:146 Resp: 239289

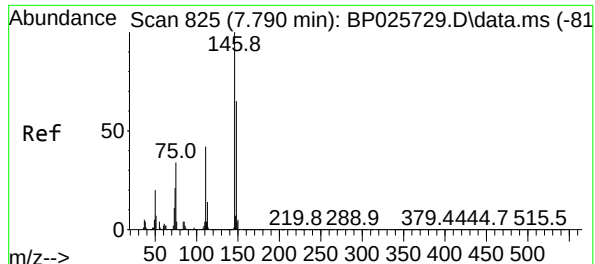
Ion Ratio Lower Upper

146 100

148 65.0 52.7 79.1

75 34.3 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 21.548 ng

RT: 7.790 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:146 Resp: 24457

Ion Ratio Lower Upper

146 100

148 62.3 52.0 78.0

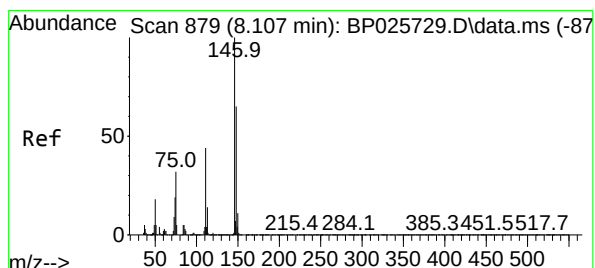
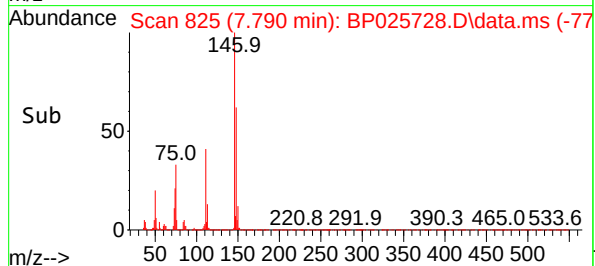
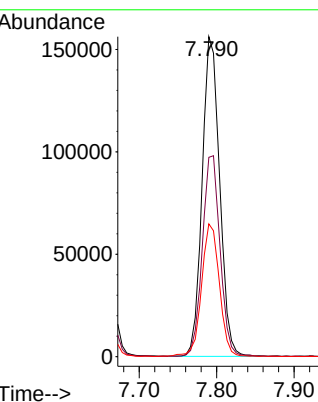
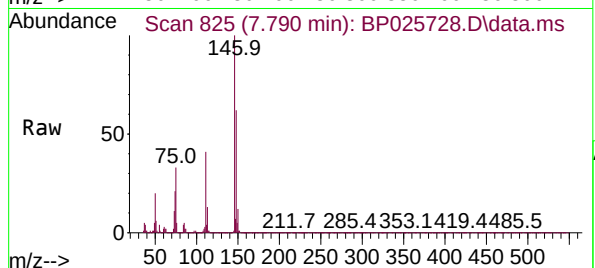
111 41.5 33.9 50.9

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 21.333 ng

RT: 8.108 min Scan# 879

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

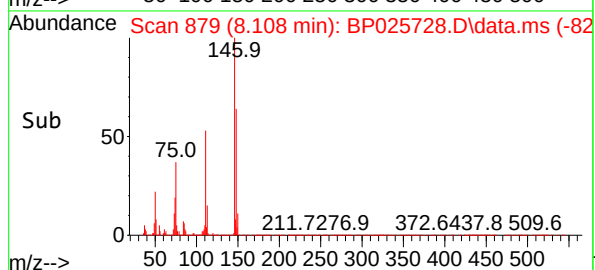
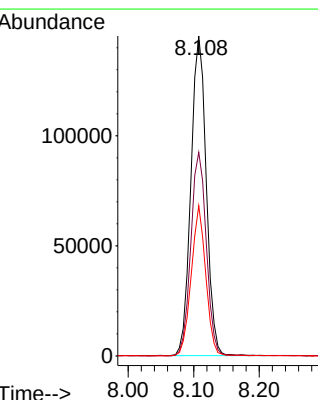
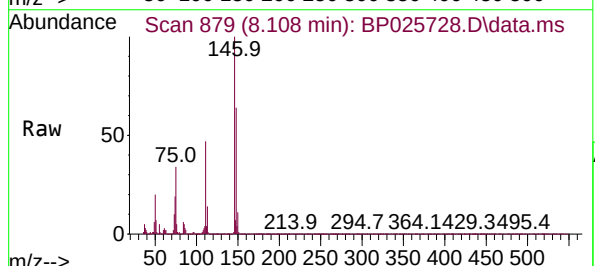
Tgt Ion:146 Resp: 235224

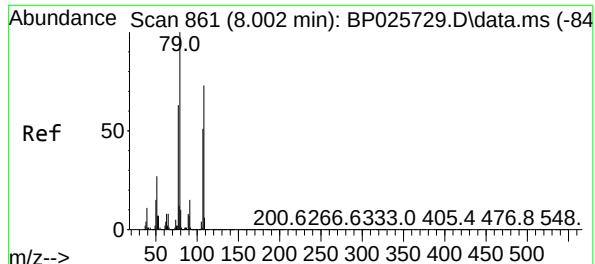
Ion Ratio Lower Upper

146 100

148 63.6 51.7 77.5

111 46.9 35.5 53.3





#15

Benzyl Alcohol

Concen: 20.933 ng

RT: 8.002 min Scan# 80

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 79 Resp: 20518

Ion Ratio Lower Upper

79 100

108 74.5 58.7 88.1

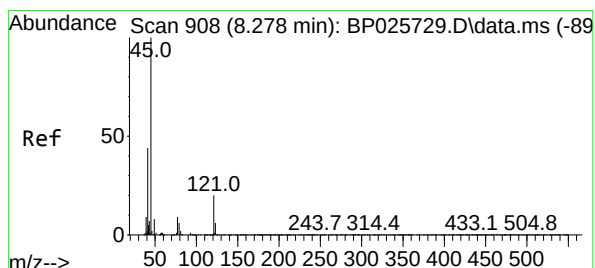
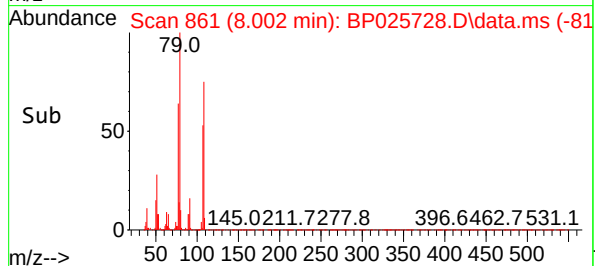
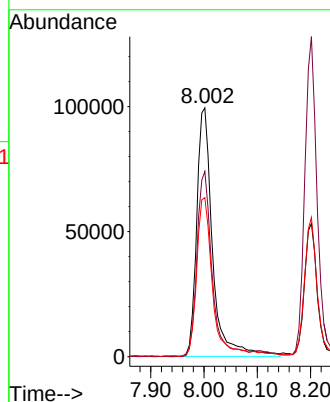
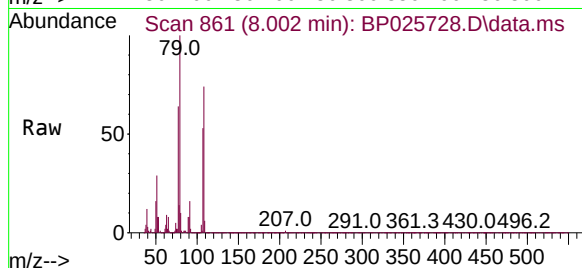
77 63.9 50.2 75.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 21.700 ng

RT: 8.272 min Scan# 907

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

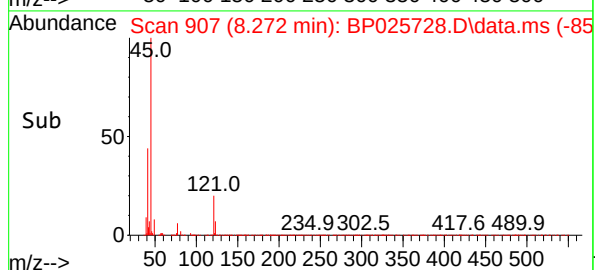
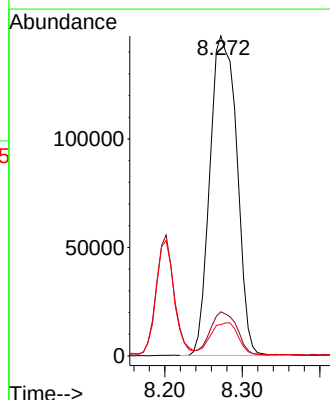
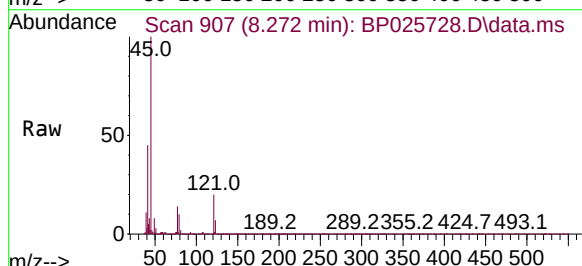
Tgt Ion: 45 Resp: 356609

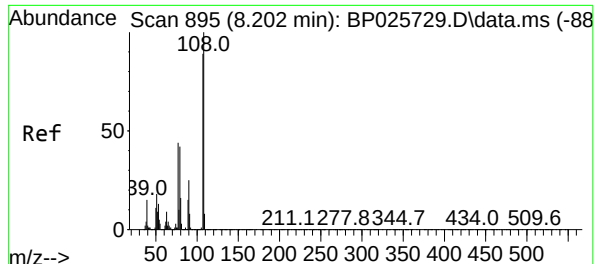
Ion Ratio Lower Upper

45 100

77 13.8 0.0 33.1

79 9.8 0.0 30.0





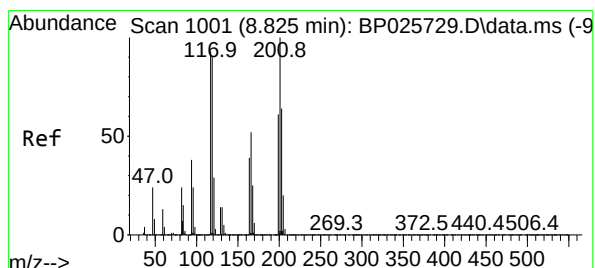
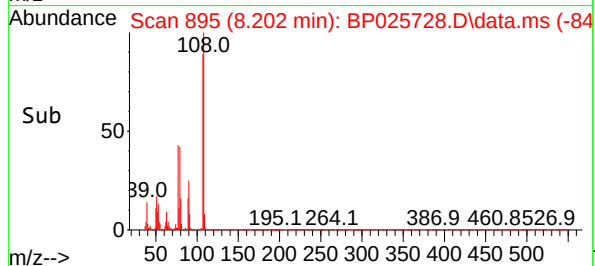
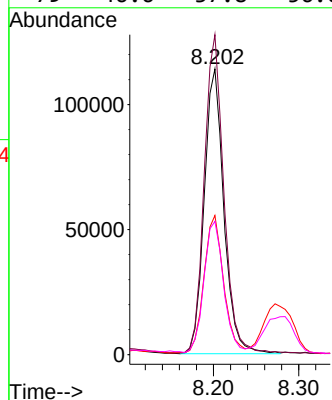
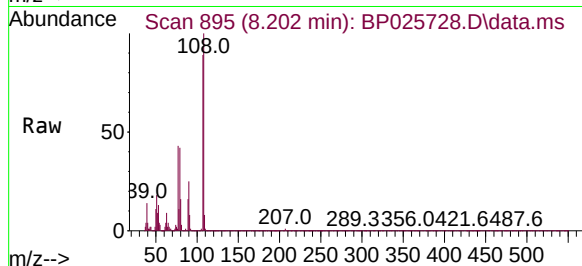
#17
2-Methylphenol
Concen: 21.655 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:107 Resp: 182618
Ion Ratio Lower Upper
107 100
108 112.0 89.6 134.4
77 48.7 39.3 58.9
79 46.6 37.8 56.6

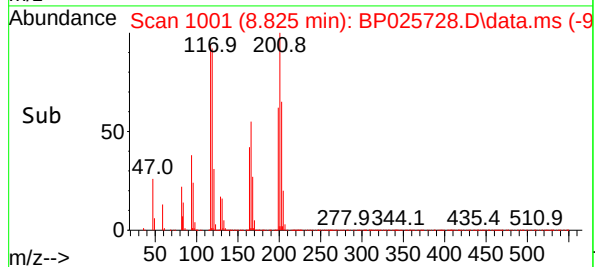
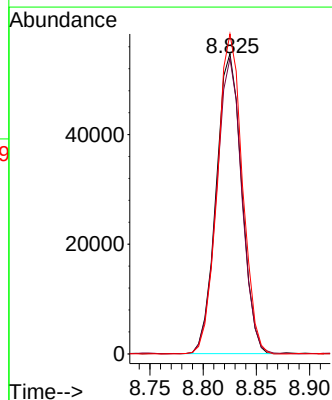
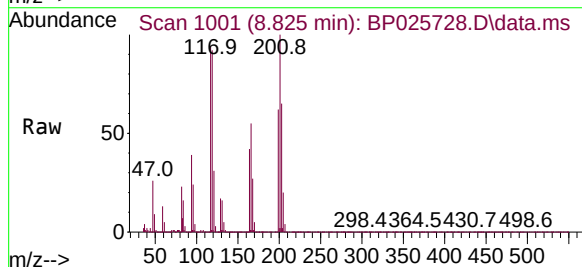
Manual Integrations
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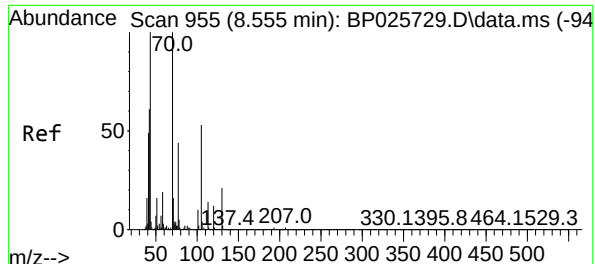
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#18
Hexachloroethane
Concen: 21.012 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:117 Resp: 91098
Ion Ratio Lower Upper
117 100
119 98.4 77.1 115.7
201 106.6 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 22.899 ng

RT: 8.555 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 18722

Ion Ratio Lower Upper

70 100

42 59.9 49.0 73.4

101 9.6 7.9 11.9

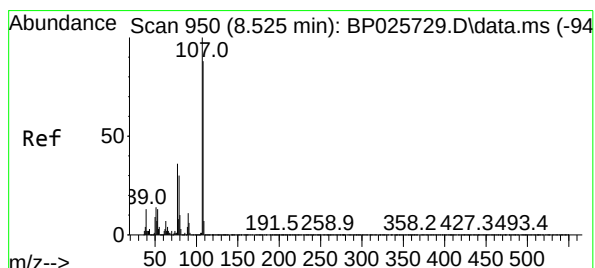
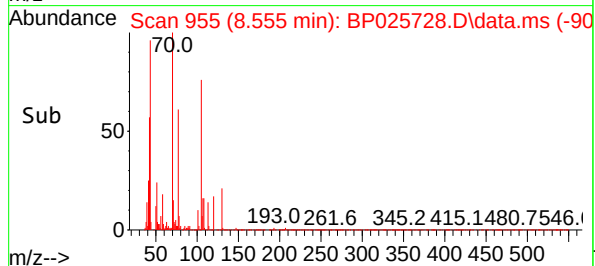
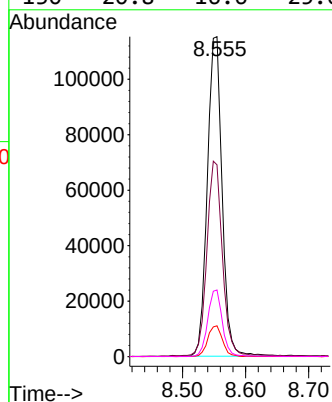
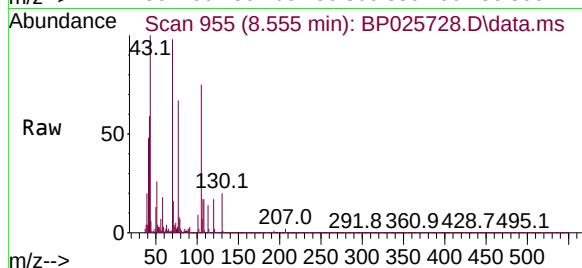
130 20.8 16.6 25.0

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 20.978 ng

RT: 8.525 min Scan# 950

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion:107 Resp: 247752

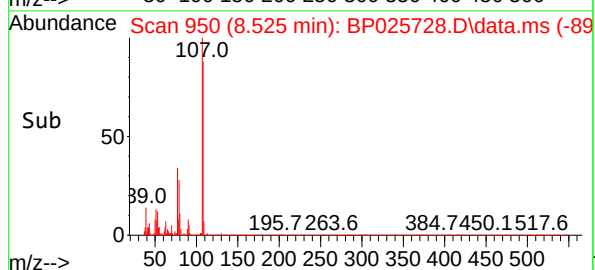
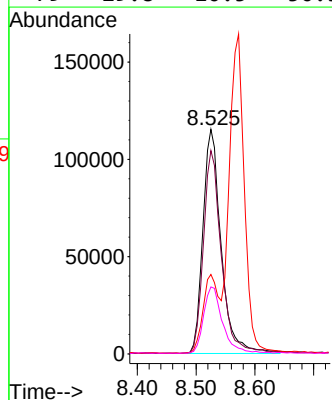
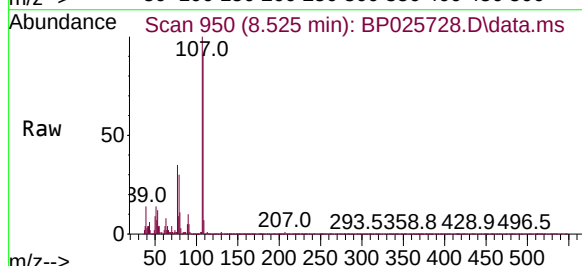
Ion Ratio Lower Upper

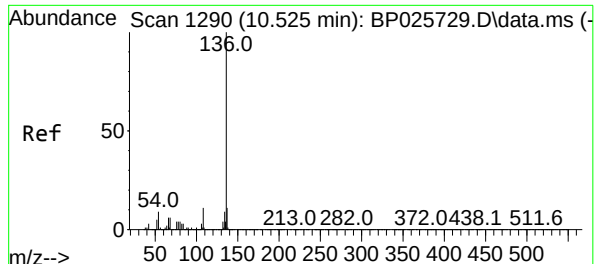
107 100

108 90.5 67.8 107.8

77 35.4 16.1 56.1

79 29.8 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.525 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 606294

Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 8.7 7.5 11.3

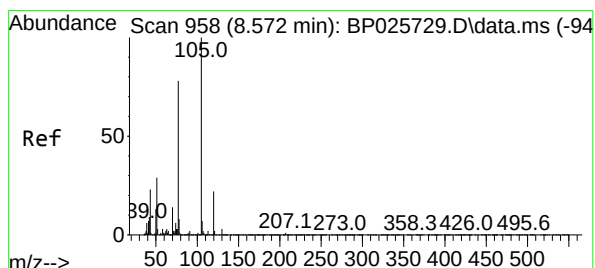
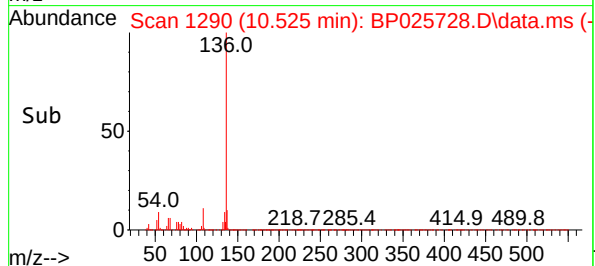
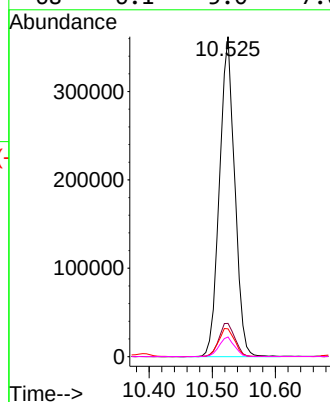
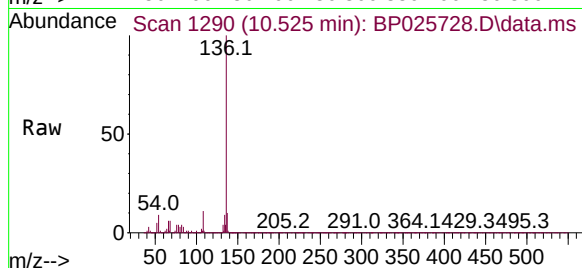
68 6.1 5.0 7.6

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#22

Acetophenone

Concen: 21.823 ng

RT: 8.572 min Scan# 958

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion:105 Resp: 353588

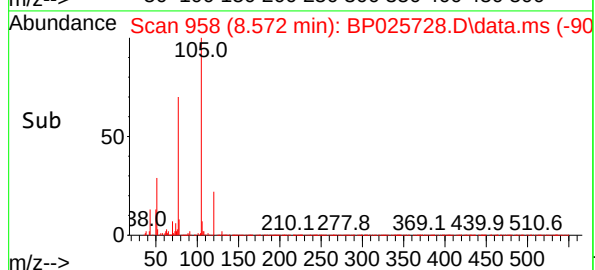
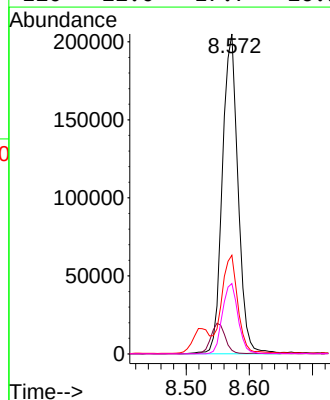
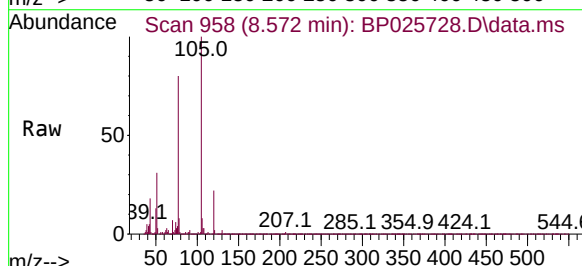
Ion Ratio Lower Upper

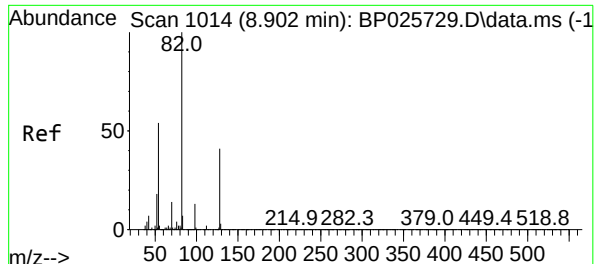
105 100

71 1.2 1.8 2.8

51 30.8 23.5 35.3

120 22.0 17.7 26.5





#23

Nitrobenzene-d5

Concen: 43.226 ng

RT: 8.902 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 594129

Ion Ratio Lower Upper

82 100

128 41.4 32.9 49.3

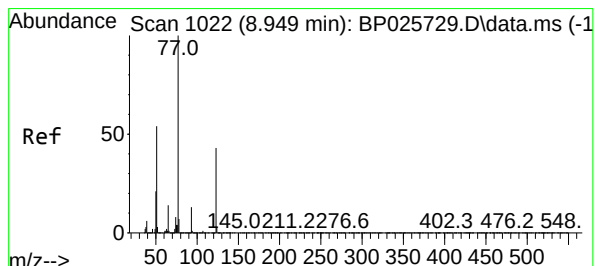
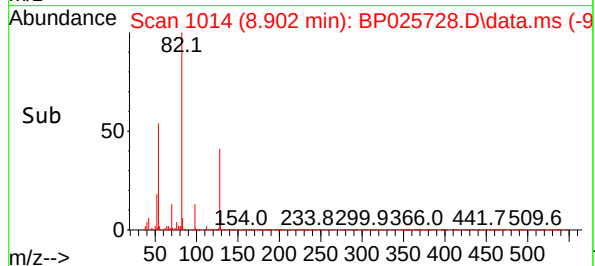
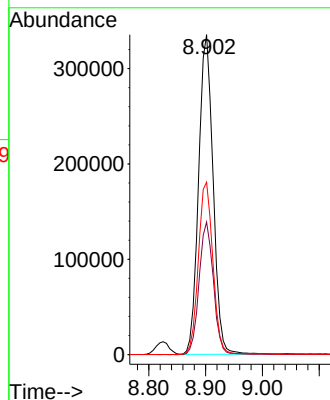
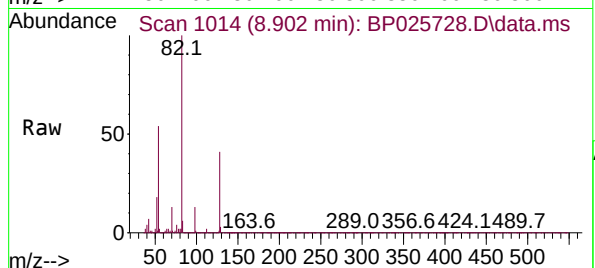
54 53.9 43.4 65.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 21.629 ng

RT: 8.943 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

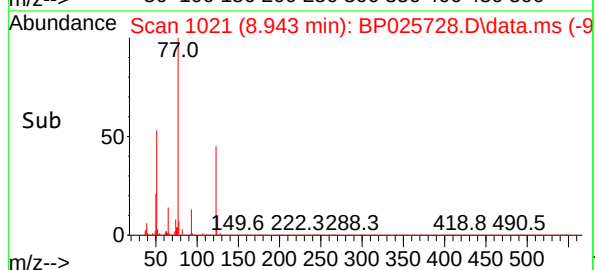
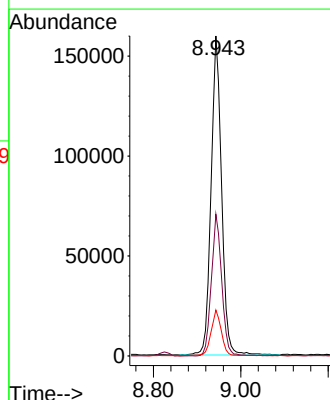
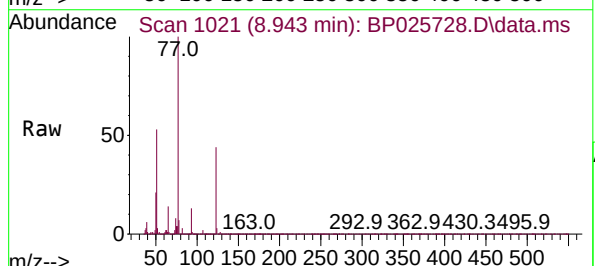
Tgt Ion: 77 Resp: 266699

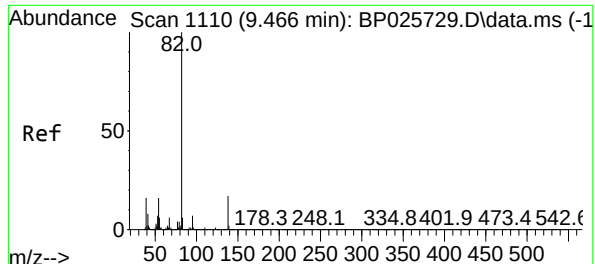
Ion Ratio Lower Upper

77 100

123 44.3 34.4 51.6

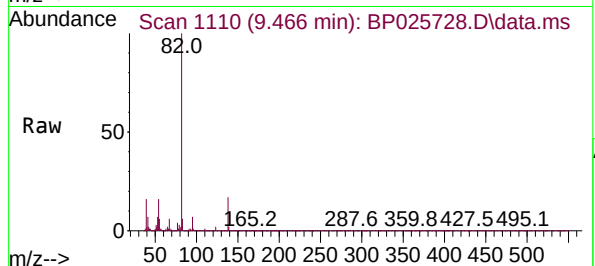
65 14.3 10.8 16.2





#25
Isophorone
Concen: 21.636 ng
RT: 9.466 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

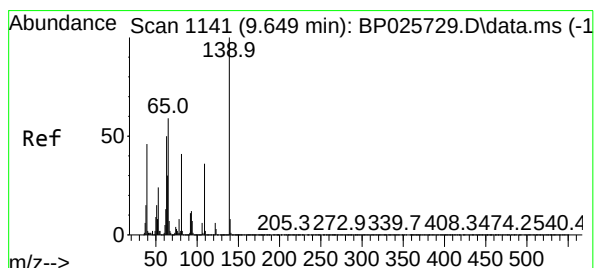
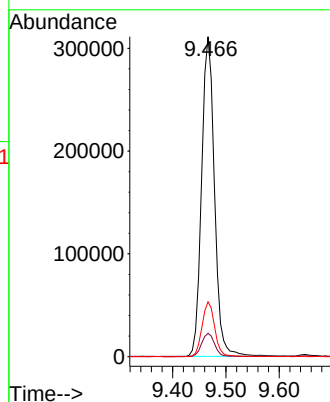
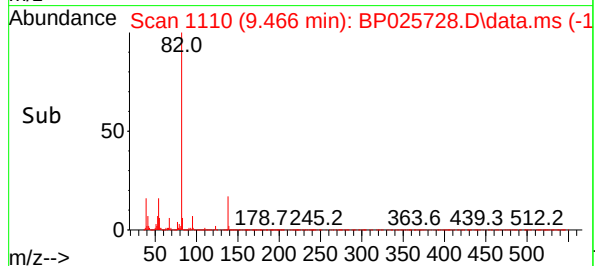
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 82 Resp: 522705
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.1 13.5 20.3

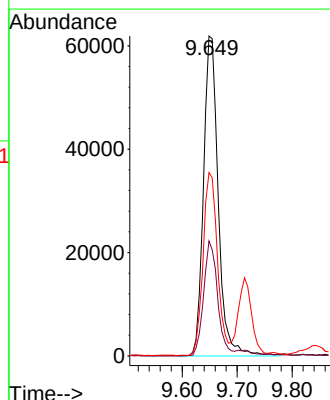
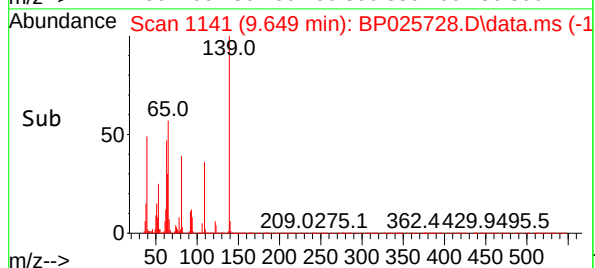
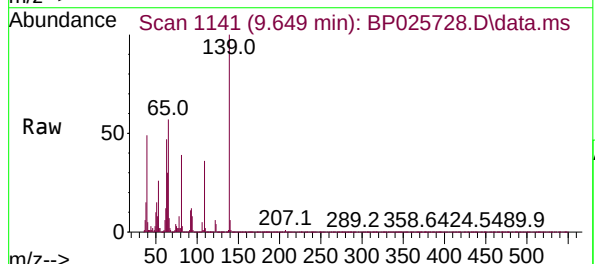
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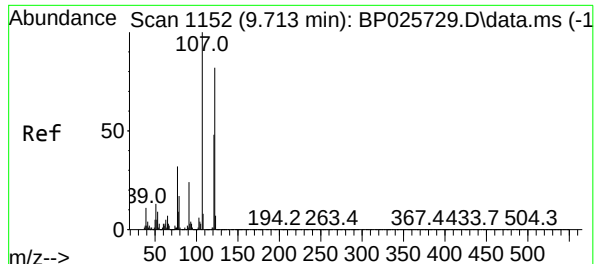
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#26
2-Nitrophenol
Concen: 21.038 ng
RT: 9.649 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:139 Resp: 115173
Ion Ratio Lower Upper
139 100
109 35.9 29.0 43.4
65 57.3 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 21.760 ng

RT: 9.713 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:122 Resp: 208989

Ion Ratio Lower Upper

122 100

107 120.9 97.9 146.9

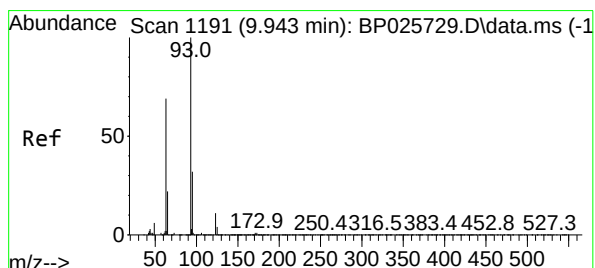
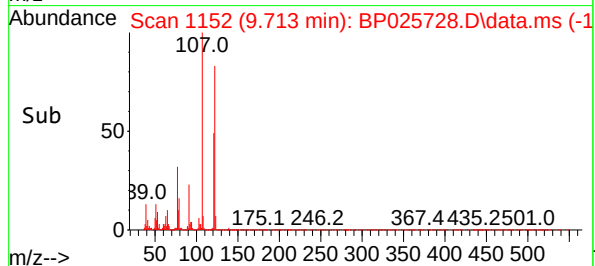
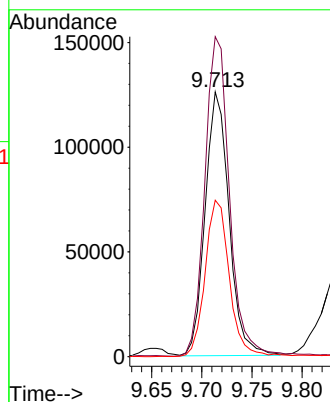
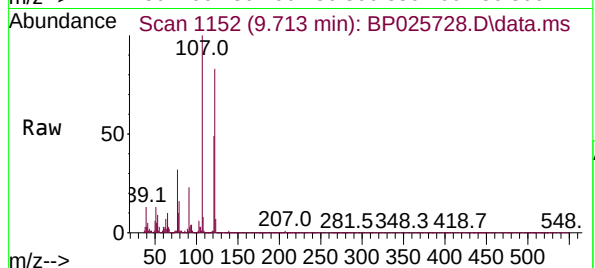
121 59.1 47.4 71.0

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 22.163 ng

RT: 9.937 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

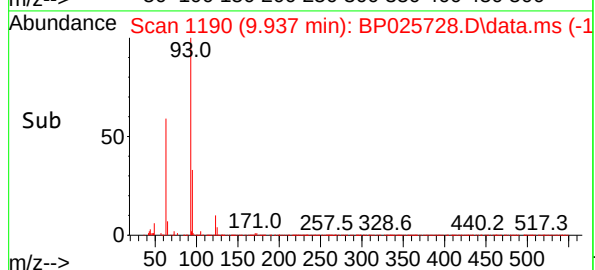
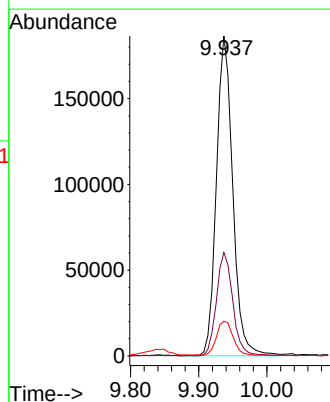
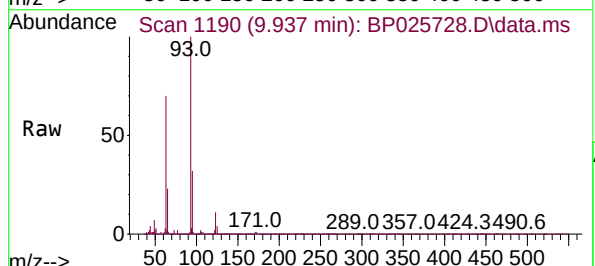
Tgt Ion: 93 Resp: 309508

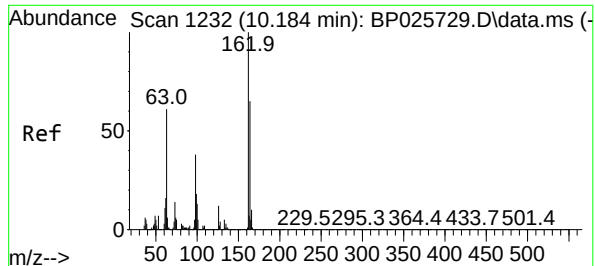
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 10.9 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 21.441 ng
RT: 10.190 min Scan# 1233
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

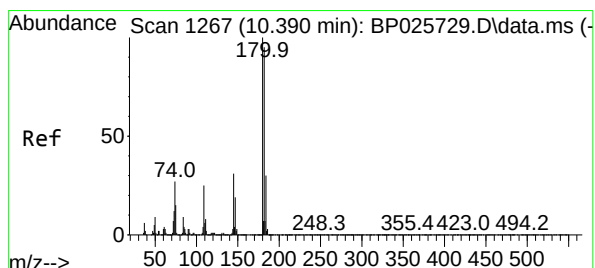
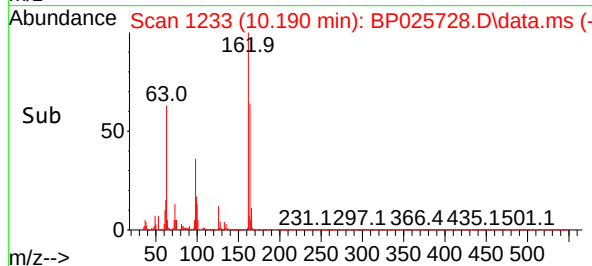
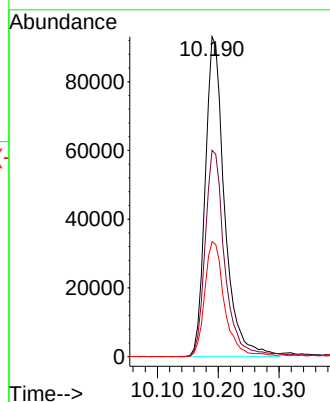
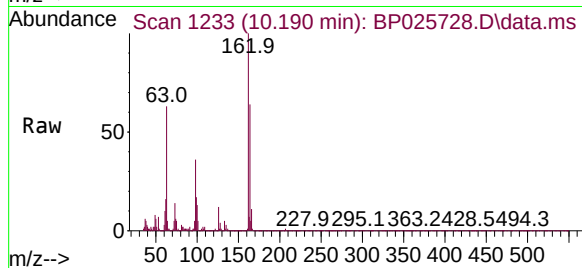
SSTDICC020

Tgt Ion:162 Resp: 205319
Ion Ratio Lower Upper
162 100
164 64.5 44.7 84.7
98 35.9 18.1 58.1

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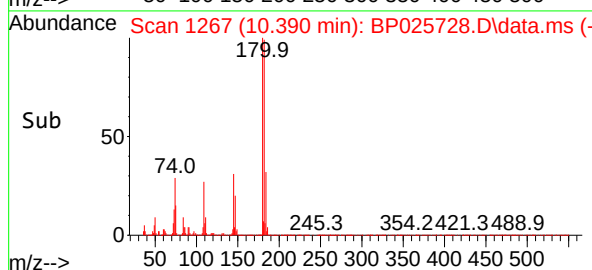
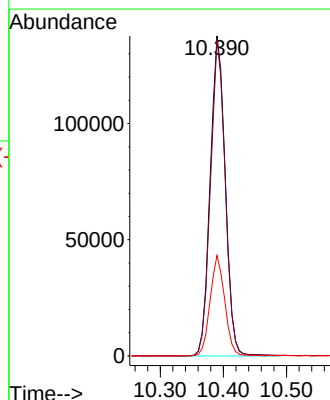
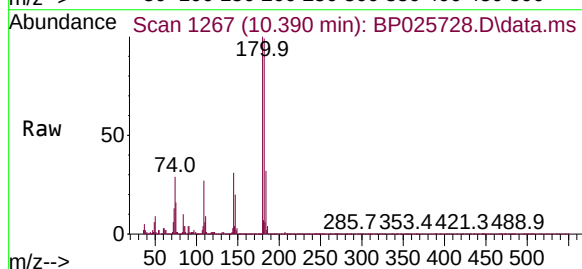
APPROVED

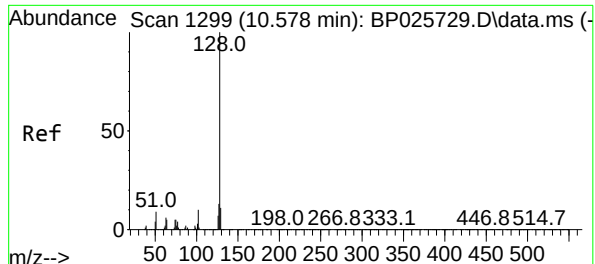
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 21.170 ng
RT: 10.390 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:180 Resp: 228468
Ion Ratio Lower Upper
180 100
182 98.8 76.0 114.0
145 31.4 24.7 37.1





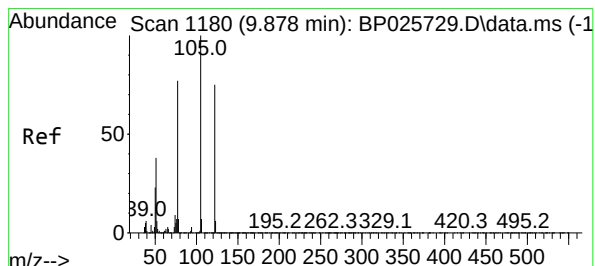
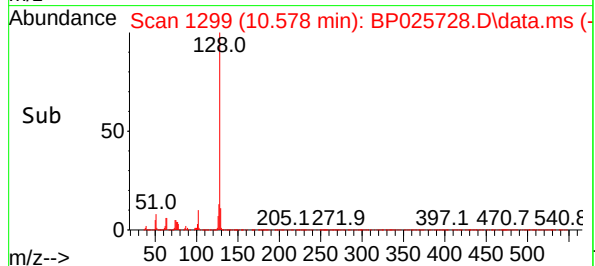
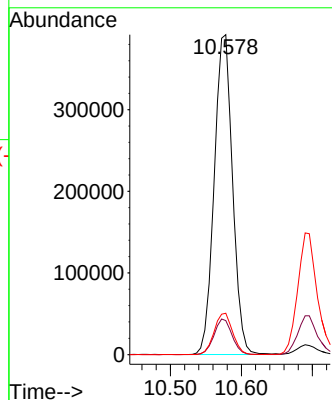
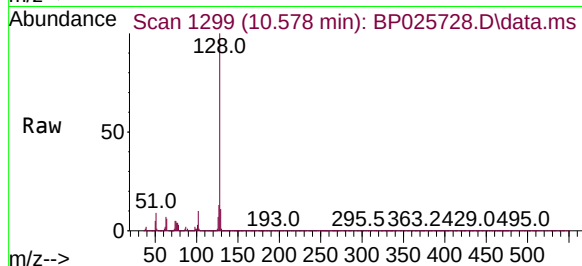
#31
Naphthalene
Concen: 21.579 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:128 Resp: 705465
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.9 10.2 15.4

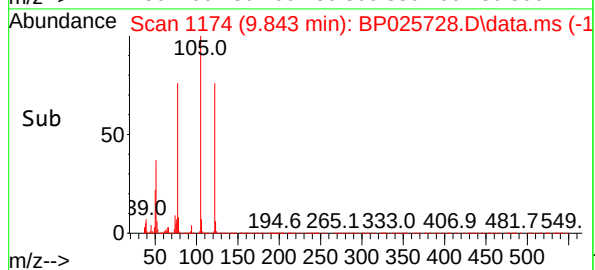
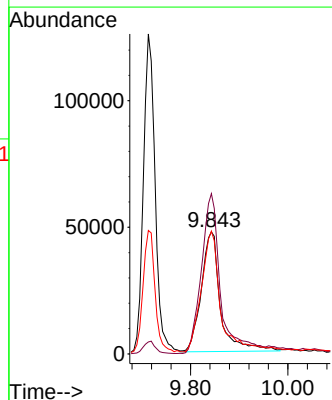
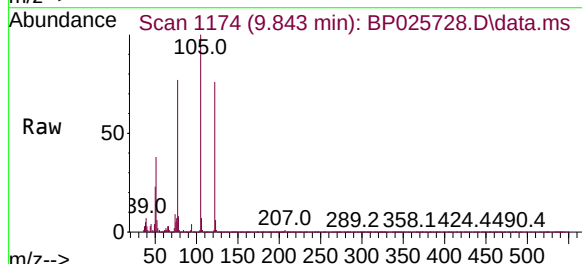
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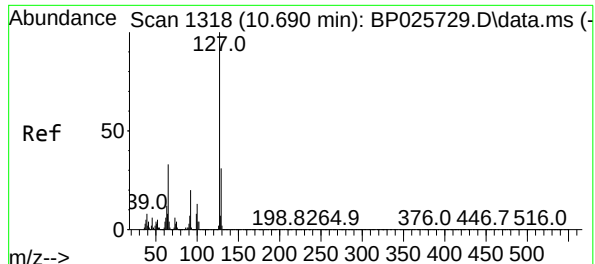
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 18.170 ng
RT: 9.843 min Scan# 1174
Delta R.T. -0.035 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

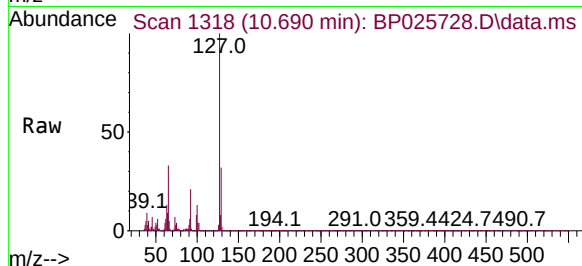
Tgt Ion:122 Resp: 129745
Ion Ratio Lower Upper
122 100
105 131.3 111.5 151.5
77 100.6 81.8 121.8





#33
4-Chloroaniline
Concen: 21.763 ng
RT: 10.690 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

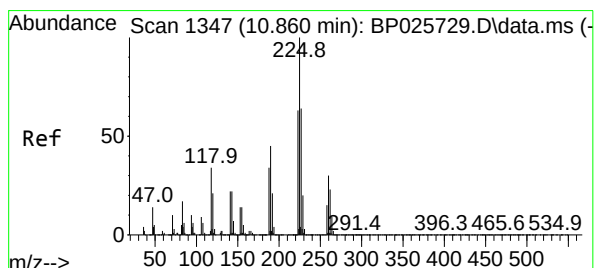
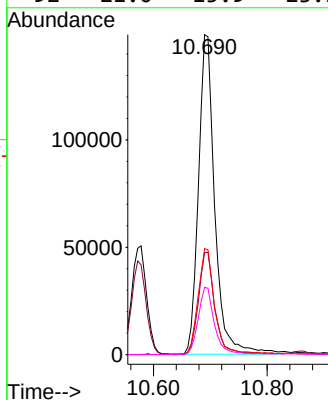
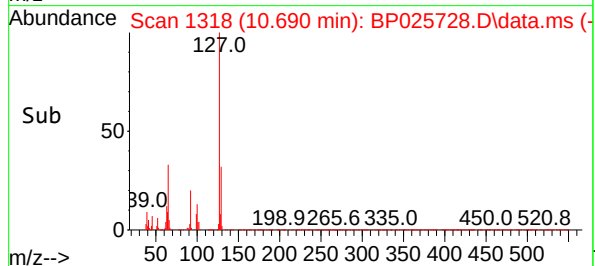
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:	127	Resp:	296539
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.1	37.7
65	33.1	26.4	39.6
92	21.0	15.9	23.9

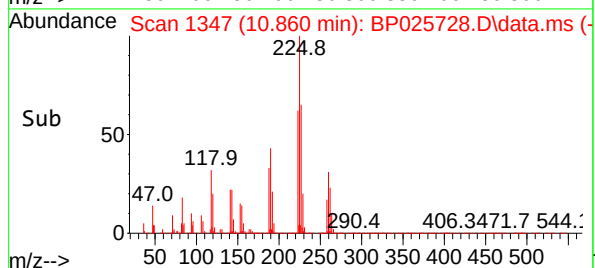
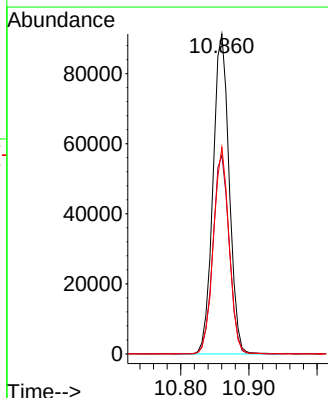
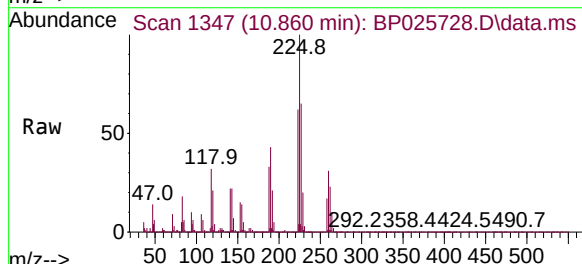
Manual Integrations
APPROVED

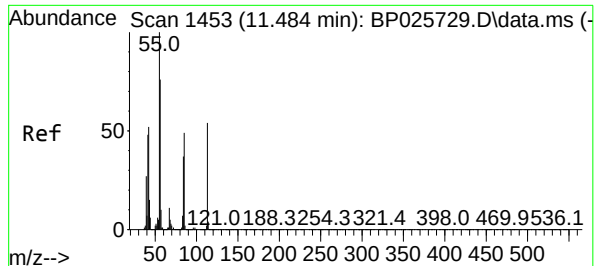
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 21.583 ng
RT: 10.860 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

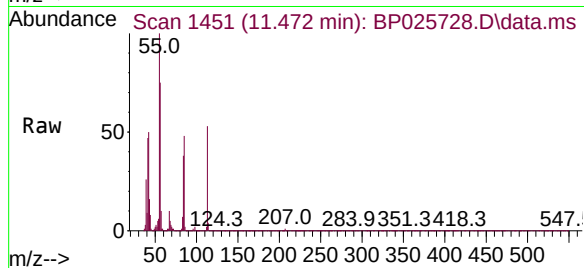
Tgt Ion:	225	Resp:	149942
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.1	75.1
227	64.5	51.2	76.8





#35
Caprolactam
Concen: 20.887 ng
RT: 11.472 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

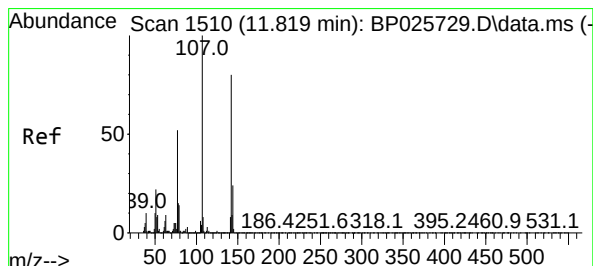
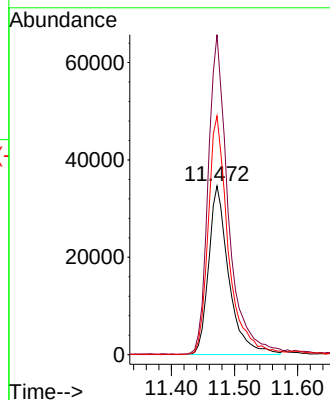
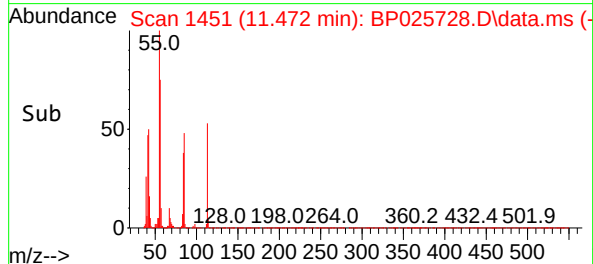
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:113 Resp: 76940
Ion Ratio Lower Upper
113 100
55 189.8 165.5 205.5
56 141.6 121.1 161.1

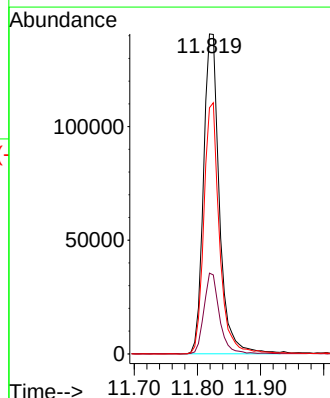
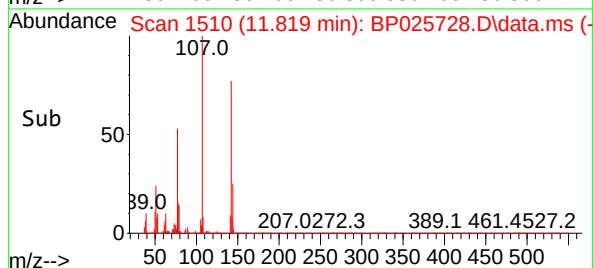
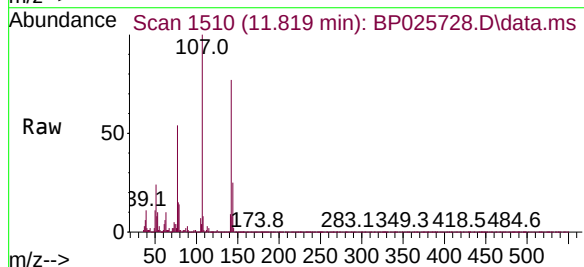
Manual Integrations
APPROVED

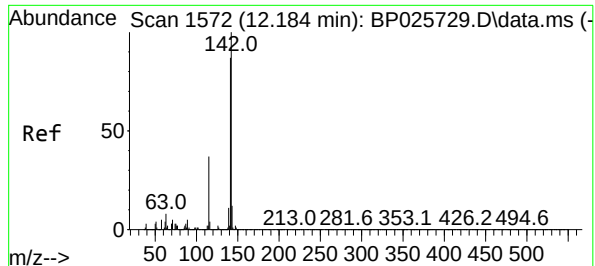
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 21.548 ng
RT: 11.819 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

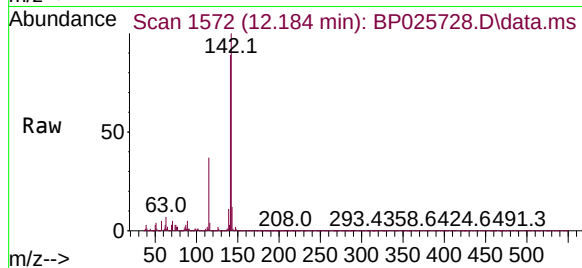
Tgt Ion:107 Resp: 245998
Ion Ratio Lower Upper
107 100
144 25.2 19.4 29.2
142 76.9 63.8 95.6





#37
2-Methylnaphthalene
Concen: 21.896 ng
RT: 12.184 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

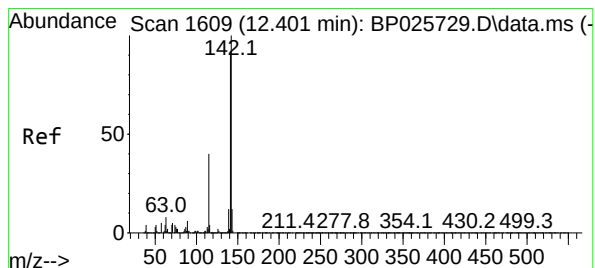
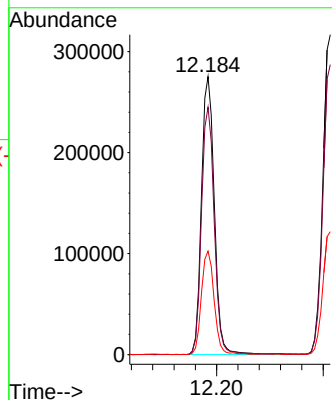
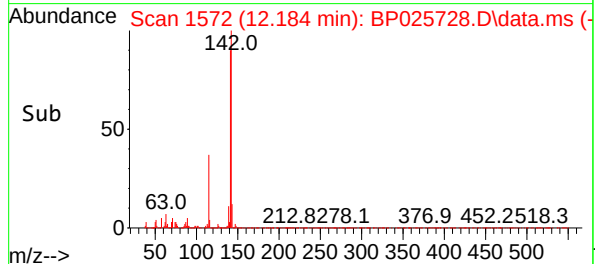
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 45975
Ion Ratio Lower Upper
142 100
141 89.0 69.6 104.4
115 37.2 30.0 45.0

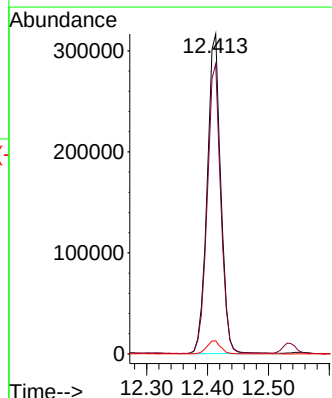
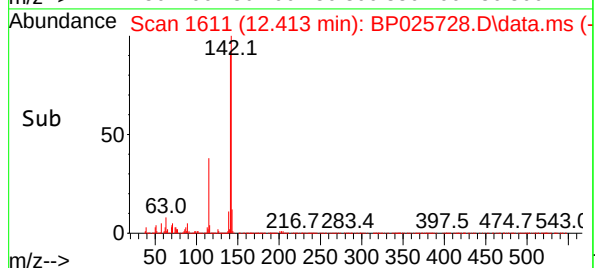
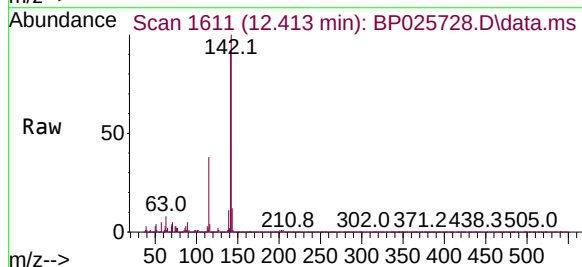
Manual Integrations
APPROVED

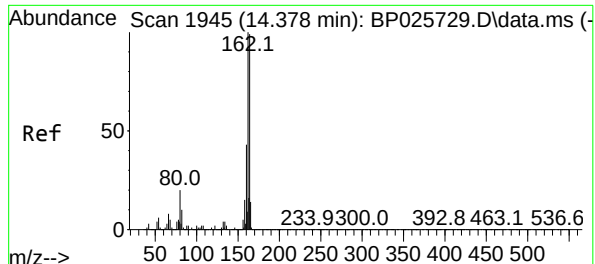
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 21.851 ng
RT: 12.413 min Scan# 1611
Delta R.T. 0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:142 Resp: 489270
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1
116 4.1 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.378 min Scan# 1945

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

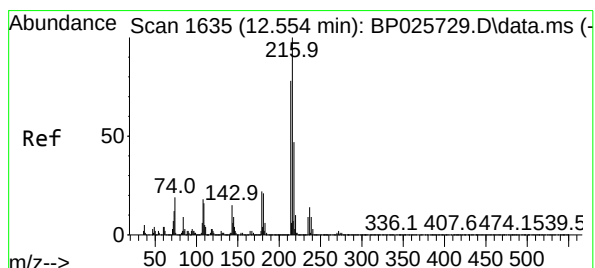
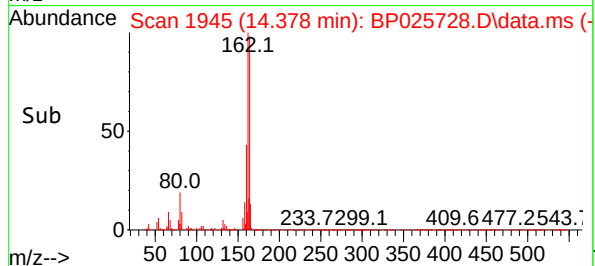
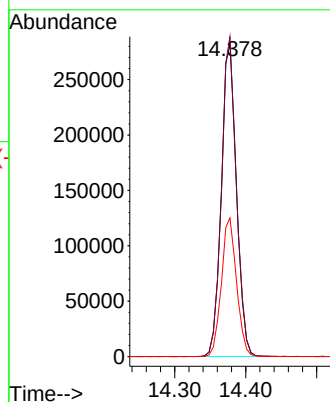
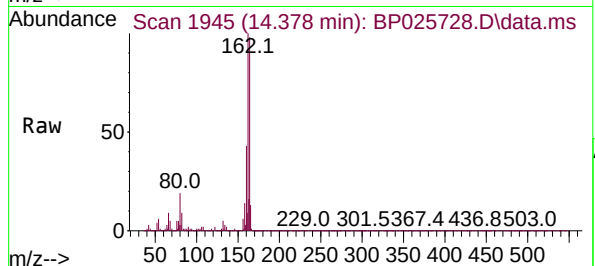
SSTDICC020

Tgt Ion:	164	Resp:	41887
Ion Ratio	Lower	Upper	
164	100		
162	102.4	80.6	120.8
160	44.3	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.536 ng

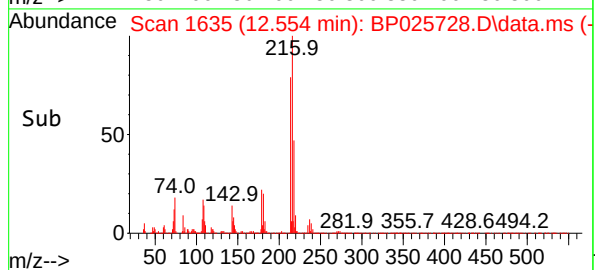
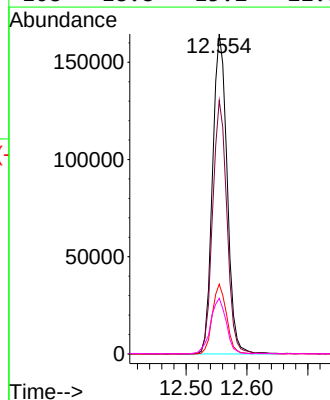
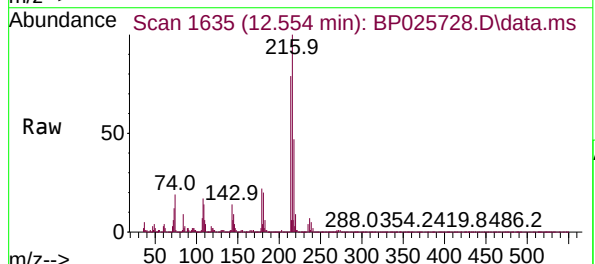
RT: 12.554 min Scan# 1635

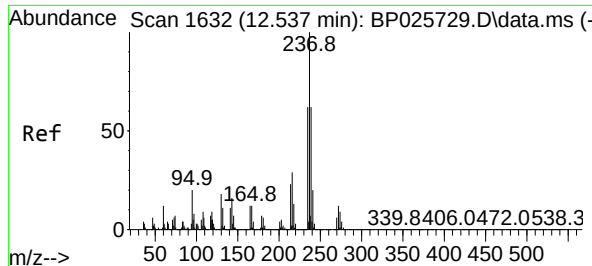
Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

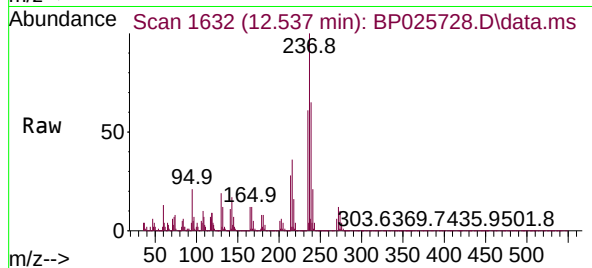
Tgt Ion:	216	Resp:	273360
Ion Ratio	Lower	Upper	
216	100		
214	77.8	62.4	93.6
179	21.3	17.0	25.6
108	18.8	15.2	22.8





#41
Hexachlorocyclopentadiene
Concen: 19.753 ng
RT: 12.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

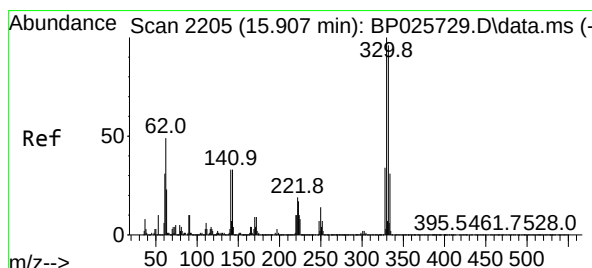
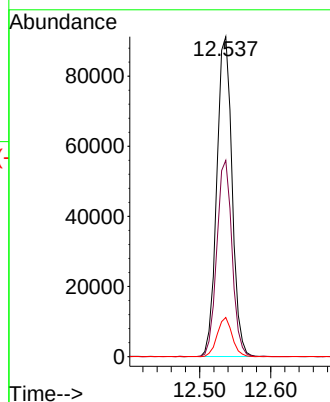
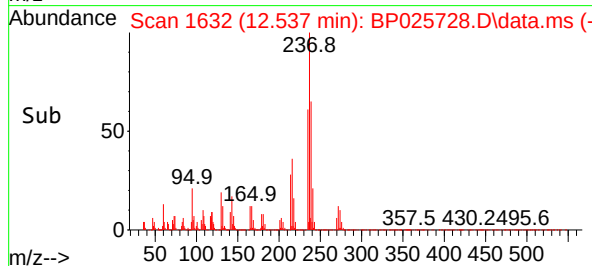
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 237 Resp: 136556
Ion Ratio Lower Upper
237 100
235 61.3 41.9 81.9
272 12.2 0.0 31.8

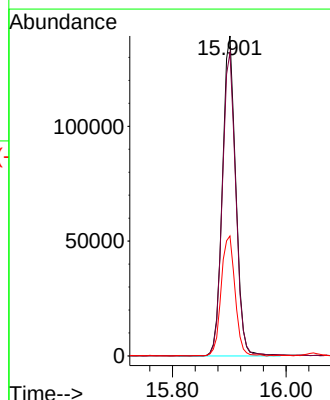
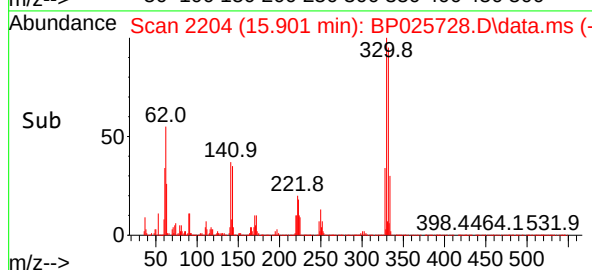
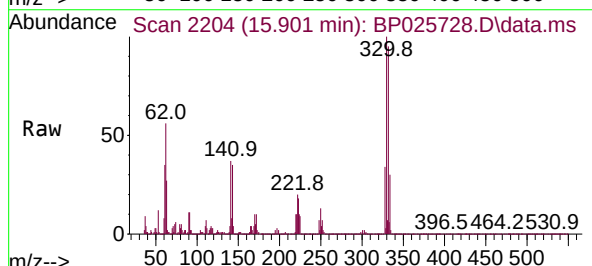
Manual Integrations
APPROVED

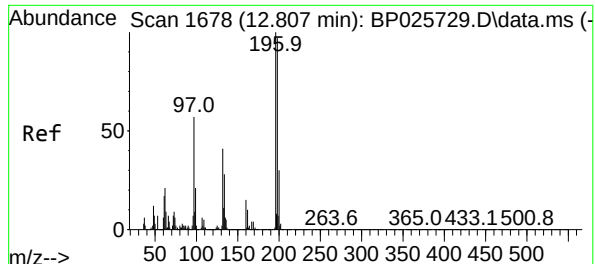
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#42
2,4,6-Tribromophenol
Concen: 43.363 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion: 330 Resp: 226554
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 39.2 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 21.851 ng

RT: 12.807 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:196 Resp: 18233

Ion Ratio Lower Upper

196 100

198 97.6 77.2 115.8

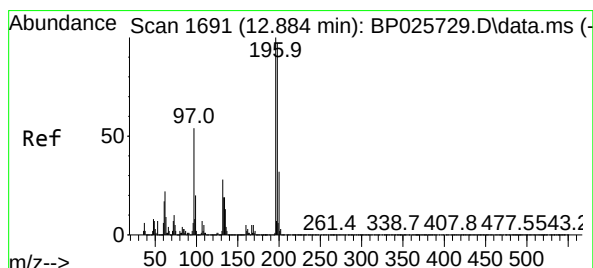
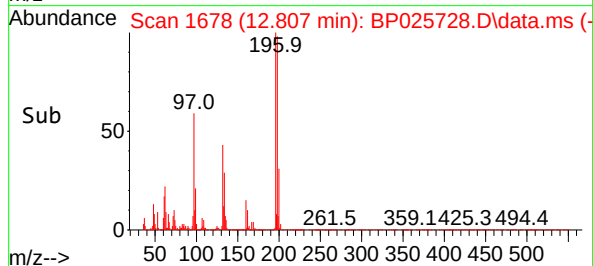
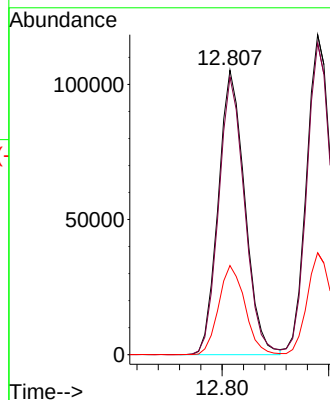
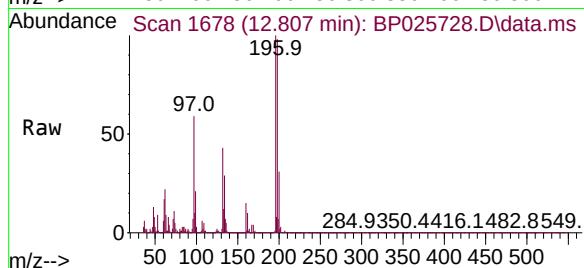
200 31.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 21.728 ng

RT: 12.890 min Scan# 1692

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion:196 Resp: 201778

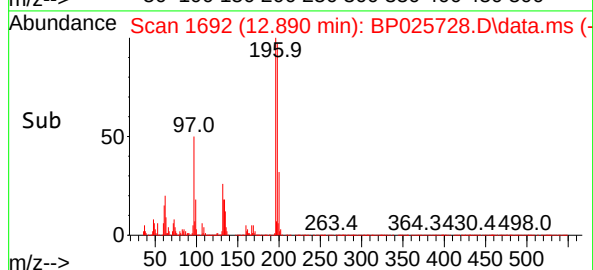
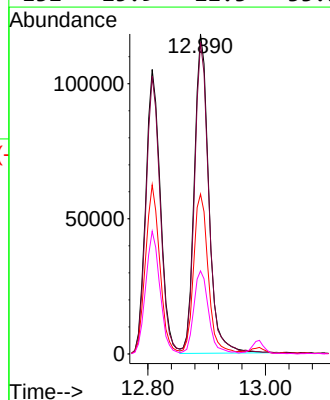
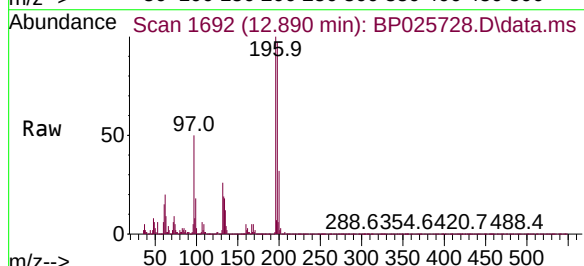
Ion Ratio Lower Upper

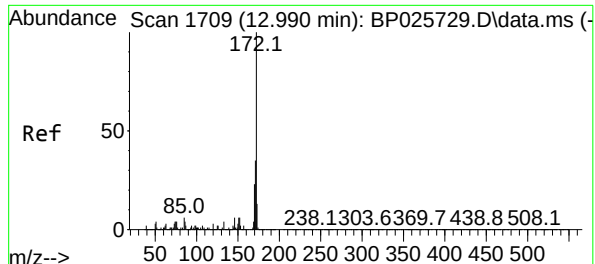
196 100

198 97.4 77.8 116.8

97 49.9 43.3 64.9

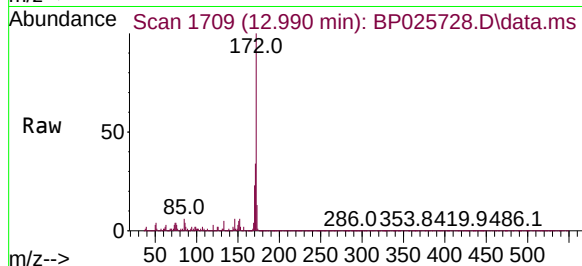
132 25.9 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 44.072 ng
RT: 12.990 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

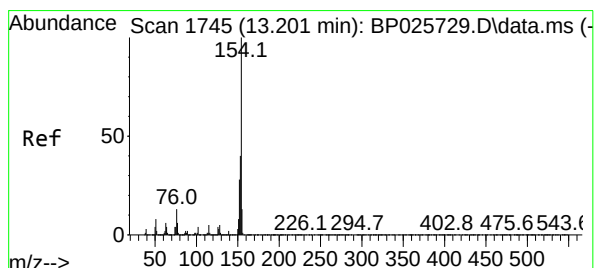
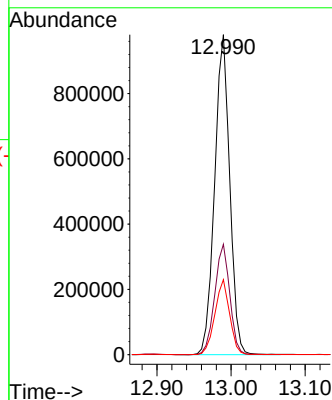
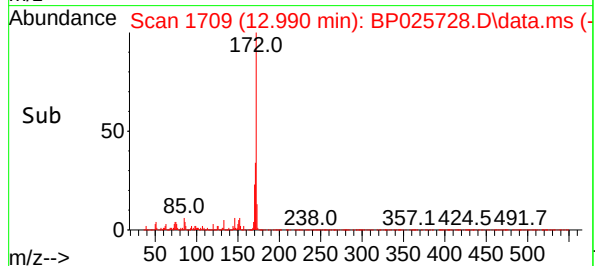
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:172 Resp: 1386426
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.4 18.6 27.8

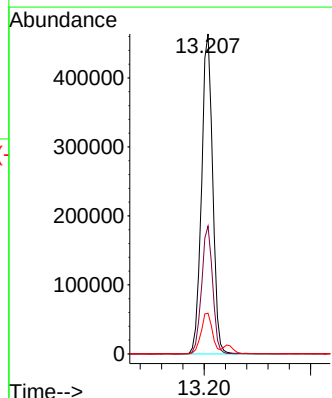
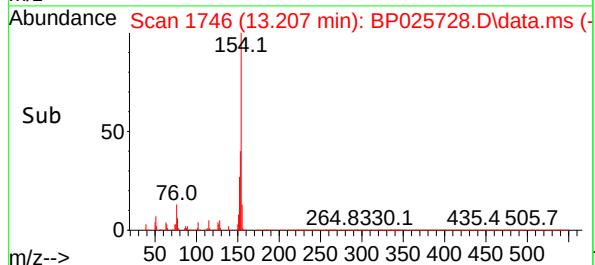
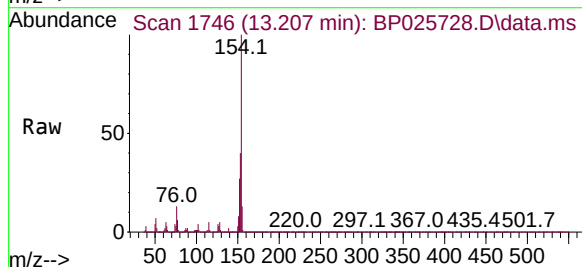
Manual Integrations
APPROVED

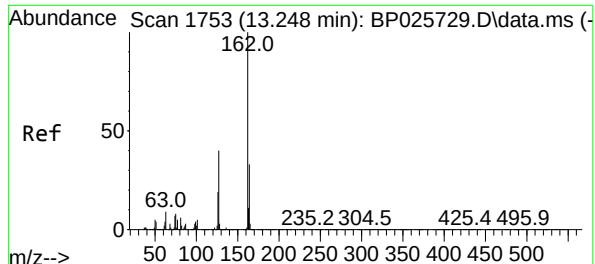
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#46
1,1'-Biphenyl
Concen: 21.788 ng
RT: 13.207 min Scan# 1746
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:154 Resp: 669889
Ion Ratio Lower Upper
154 100
153 39.9 19.7 59.7
76 12.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 21.665 ng

RT: 13.243 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

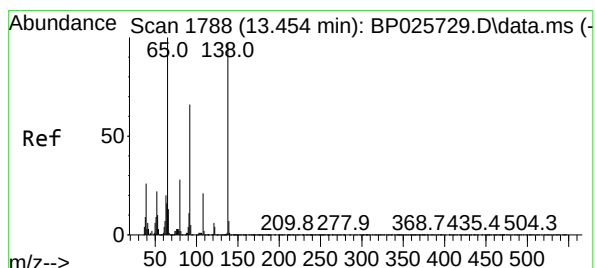
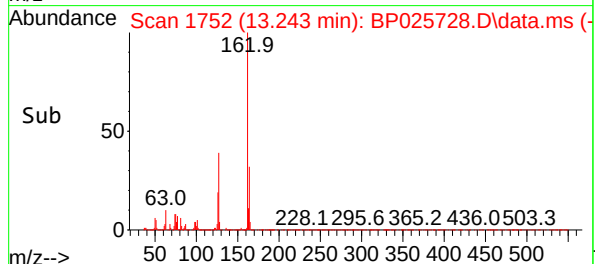
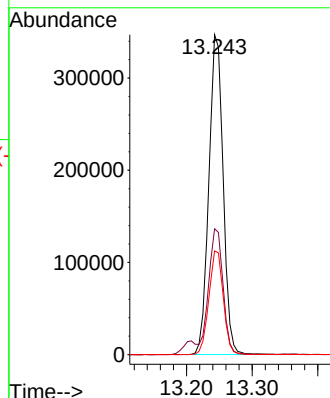
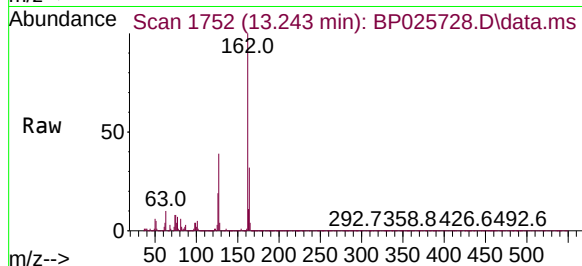
SSTDICC020

Tgt Ion:	162	Resp:	52448
Ion Ratio	Lower	Upper	
162	100		
127	39.3	32.2	48.4
164	32.4	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 21.578 ng

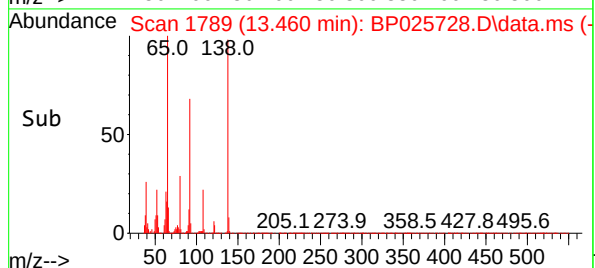
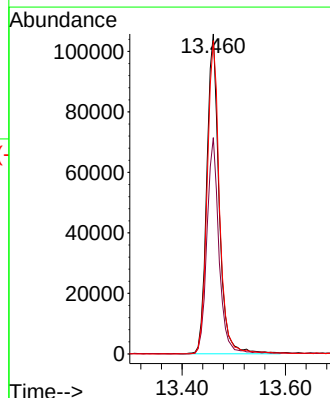
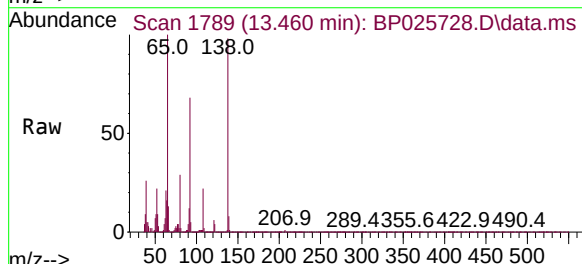
RT: 13.460 min Scan# 1789

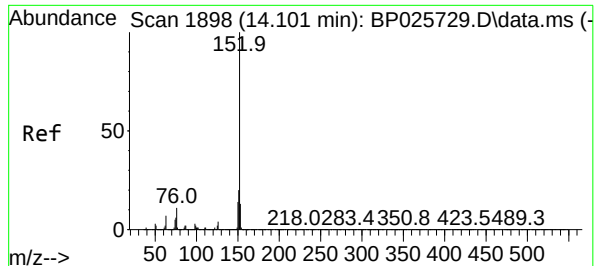
Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Tgt Ion:	65	Resp:	174129
Ion Ratio	Lower	Upper	
65	100		
92	67.6	53.1	79.7
138	97.9	77.8	116.8





#49

Acenaphthylene

Concen: 21.873 ng

RT: 14.095 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:152 Resp: 877353

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

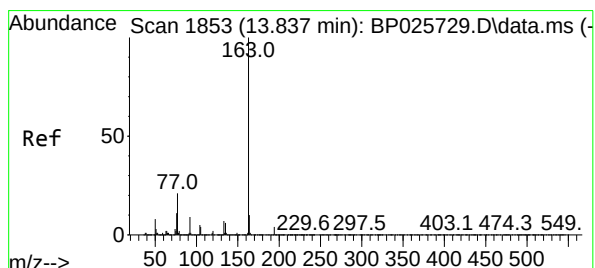
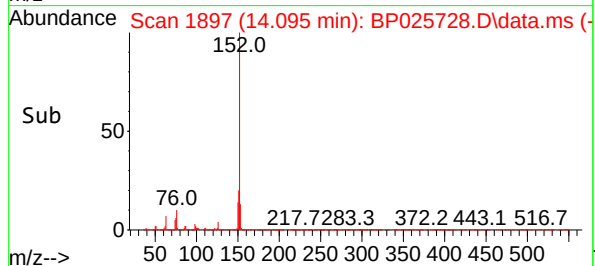
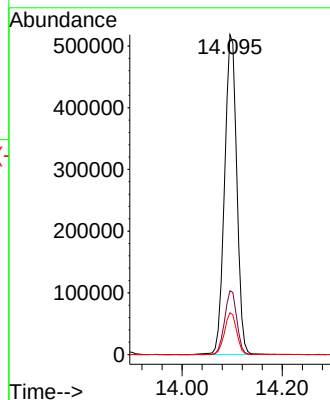
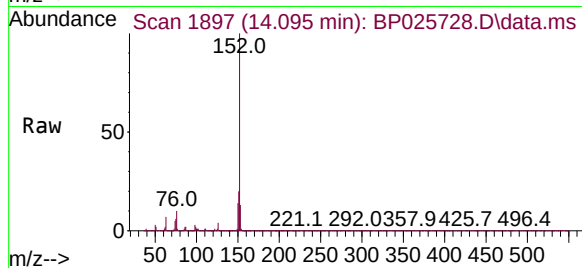
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 22.031 ng

RT: 13.837 min Scan# 1853

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

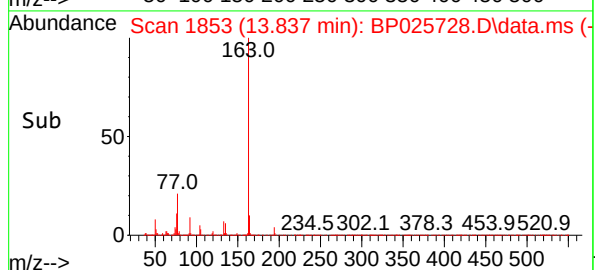
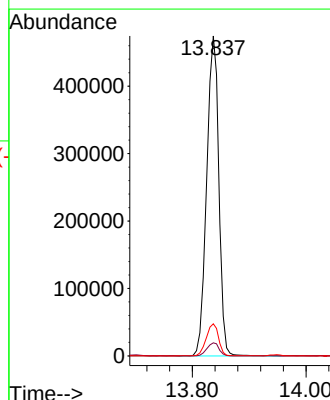
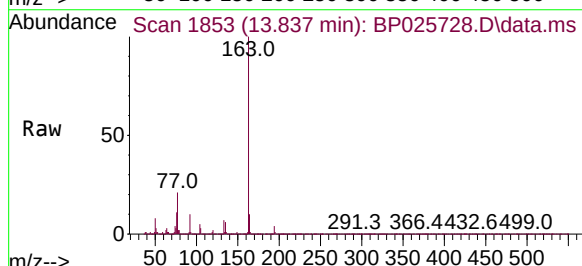
Tgt Ion:163 Resp: 704532

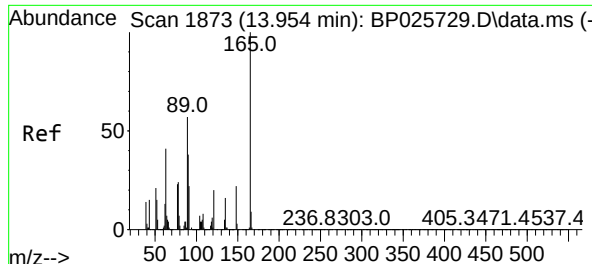
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.0 8.2 12.2





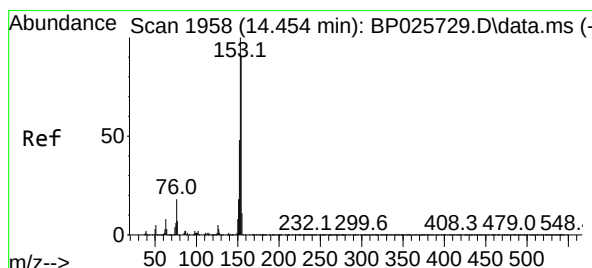
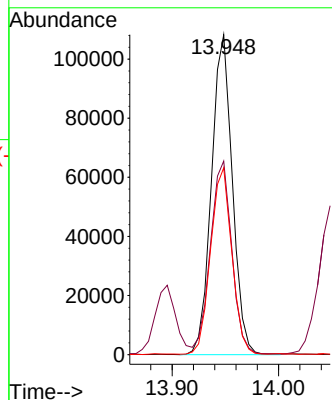
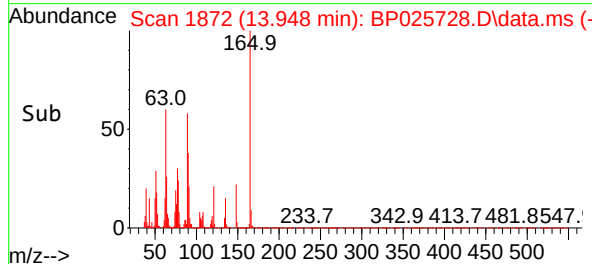
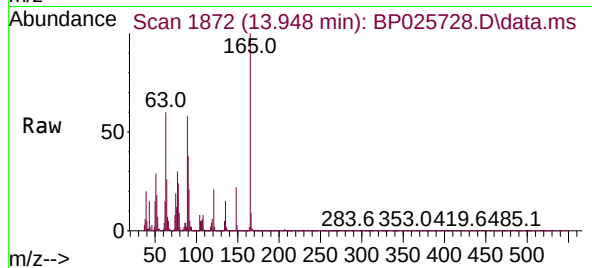
#51
2,6-Dinitrotoluene
Concen: 21.793 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:165 Resp: 147655
Ion Ratio Lower Upper
165 100
63 60.5 48.1 72.1
89 58.4 45.4 68.0

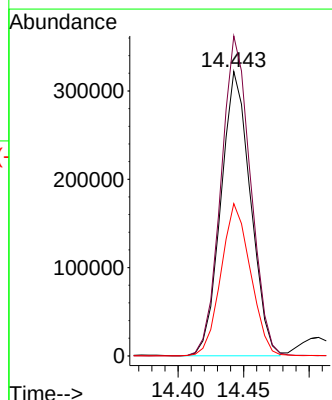
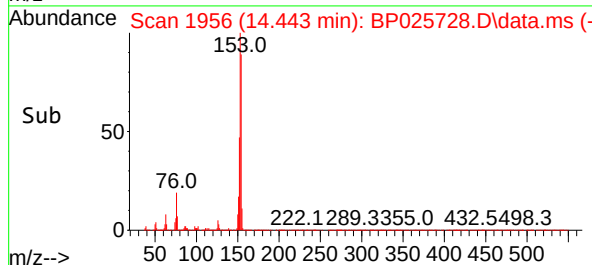
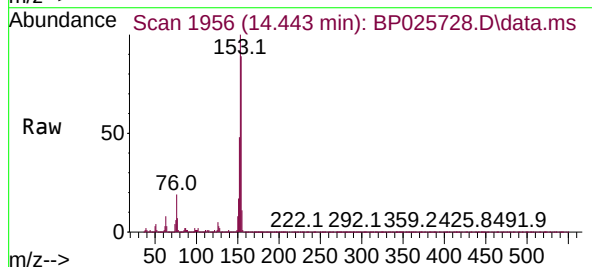
Manual Integrations
APPROVED

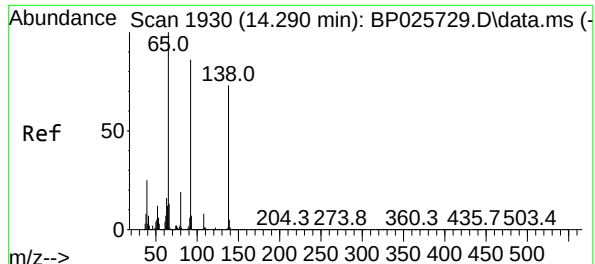
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 21.856 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

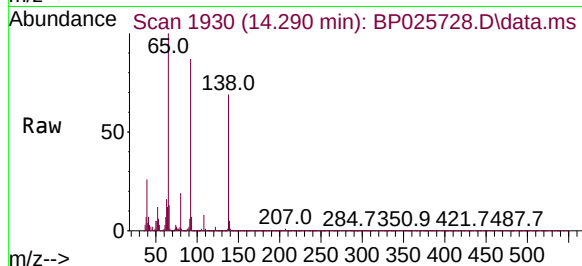
Tgt Ion:154 Resp: 505575
Ion Ratio Lower Upper
154 100
153 112.5 89.4 134.0
152 53.5 42.5 63.7





#53
3-Nitroaniline
Concen: 21.735 ng
RT: 14.290 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

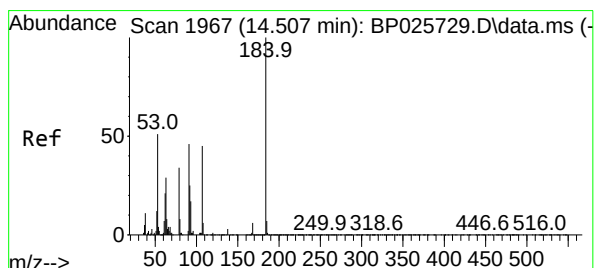
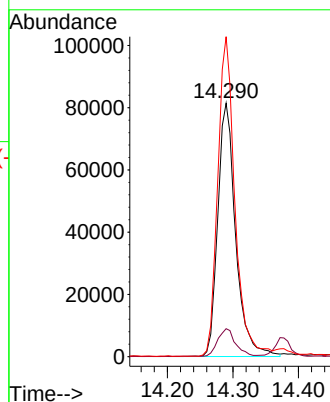
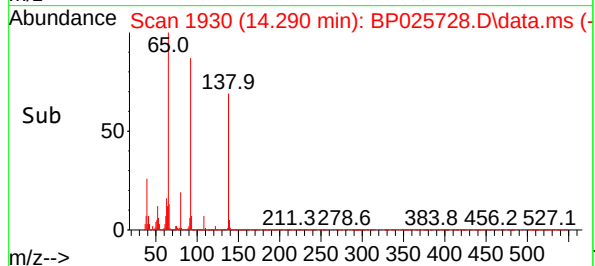
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:138 Resp: 154856
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 126.3 94.6 142.0

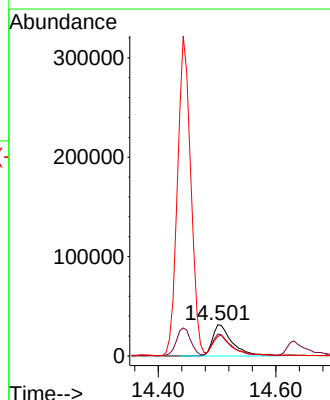
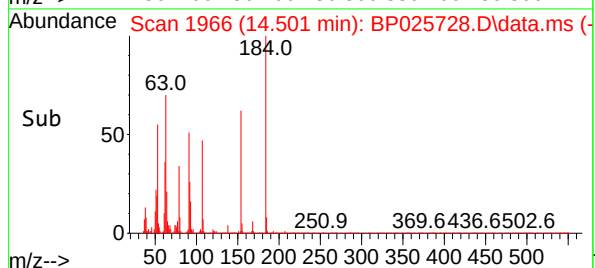
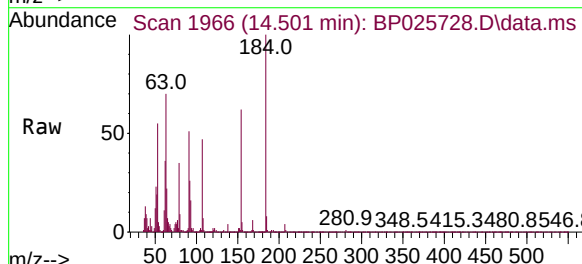
Manual Integrations
APPROVED

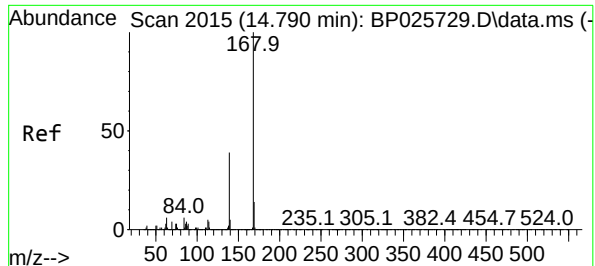
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 20.292 ng
RT: 14.501 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

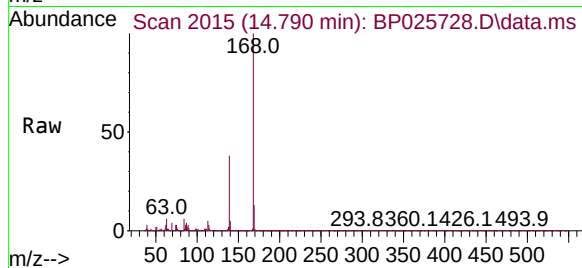
Tgt Ion:184 Resp: 72511
Ion Ratio Lower Upper
184 100
63 70.4 52.5 78.7
154 62.5 51.5 77.3





#55
Dibenzenofuran
Concen: 21.850 ng
RT: 14.790 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

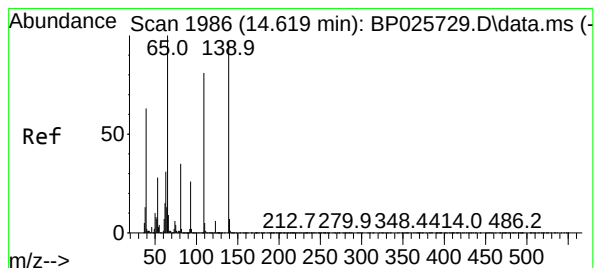
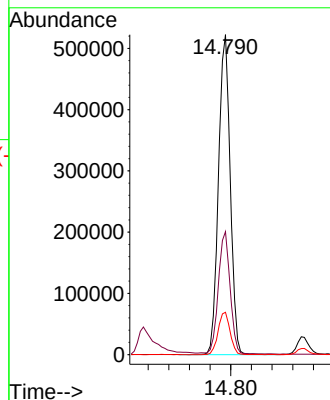
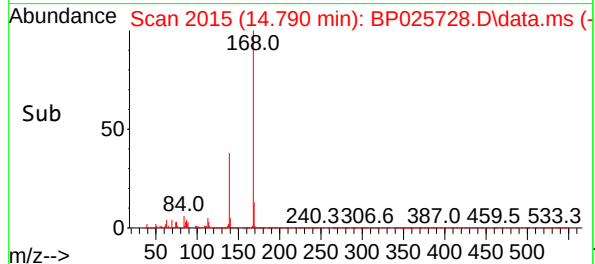
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:168 Resp: 82374
Ion Ratio Lower Upper
168 100
139 38.4 31.7 47.5
169 13.2 10.8 16.2

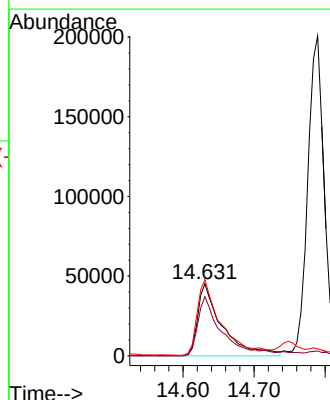
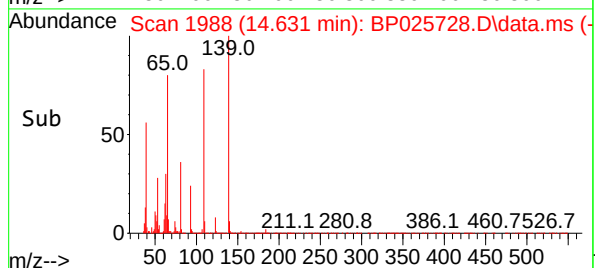
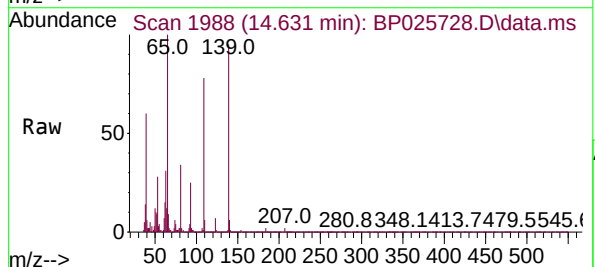
Manual Integrations
APPROVED

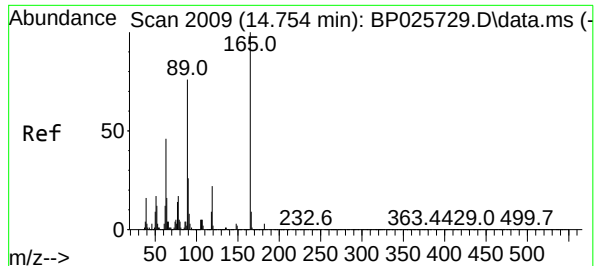
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#56
4-Nitrophenol
Concen: 20.895 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:139 Resp: 106678
Ion Ratio Lower Upper
139 100
109 82.4 62.9 102.9
65 105.7 83.4 123.4





#57
2,4-Dinitrotoluene
Concen: 21.769 ng
RT: 14.754 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

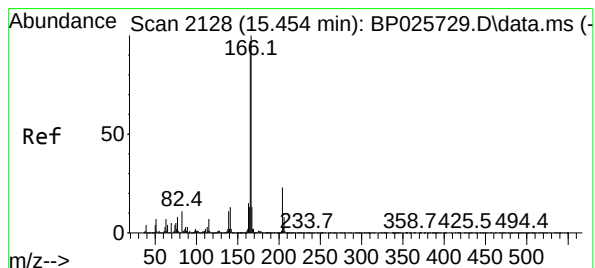
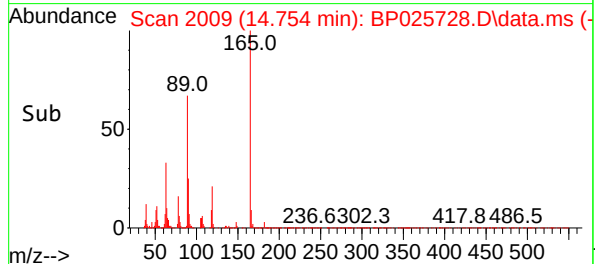
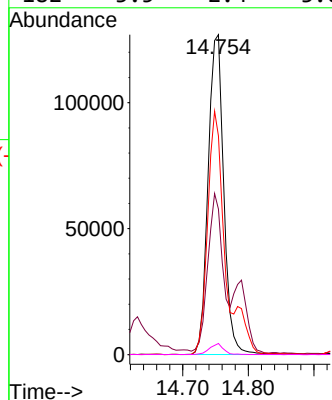
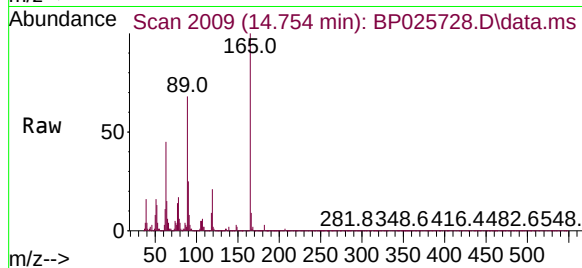
SSTDICC020

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.5	37.7	56.5
89	68.3	61.0	91.6
182	3.5	2.4	3.6

Manual Integrations

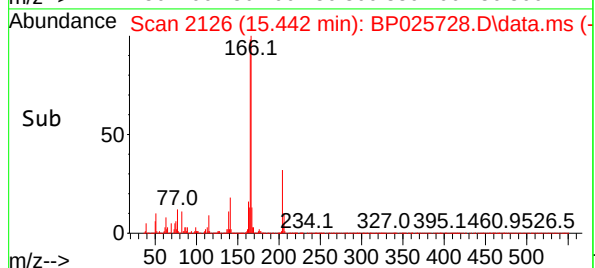
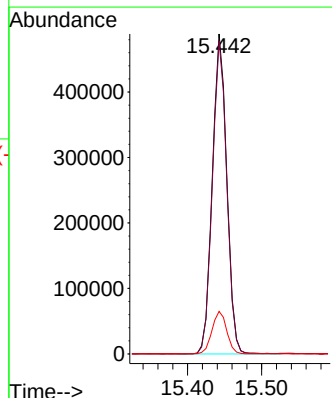
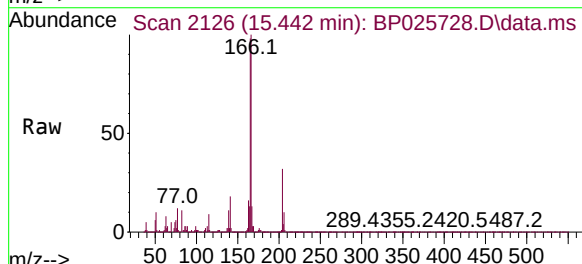
APPROVED

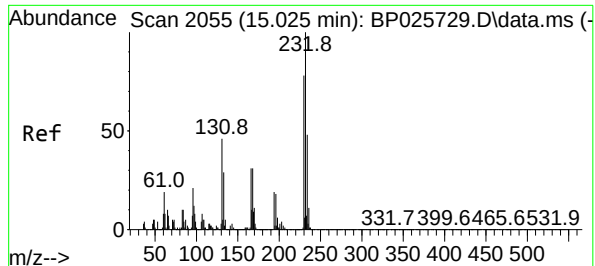
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 22.068 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

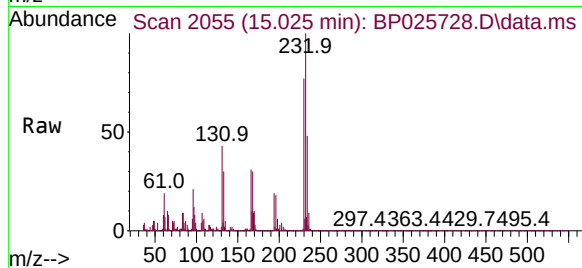
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.7	116.5
167	13.3	10.6	16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 21.756 ng
RT: 15.025 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

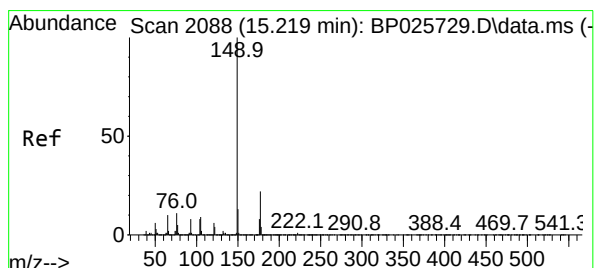
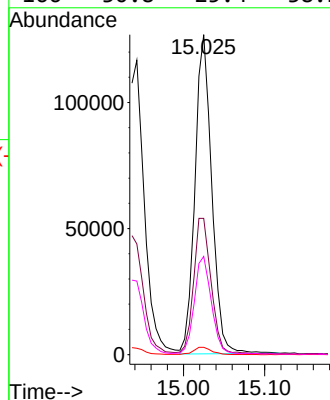
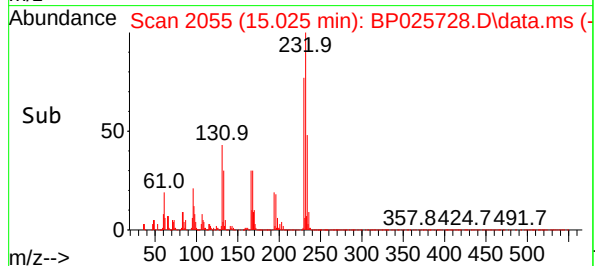
Instrument :
BNA_P
Client Sample Id :
SSTDICC020



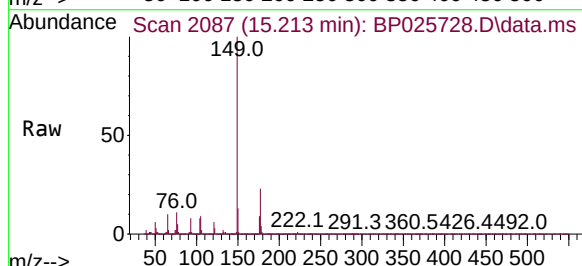
Tgt Ion: 232 Resp: 181997
Ion Ratio Lower Upper
232 100
131 43.9 36.7 55.1
130 2.5 2.0 3.0
166 30.8 25.4 38.2

Manual Integrations
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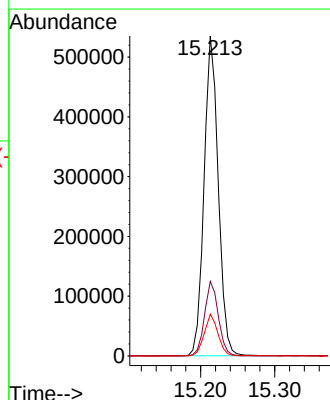
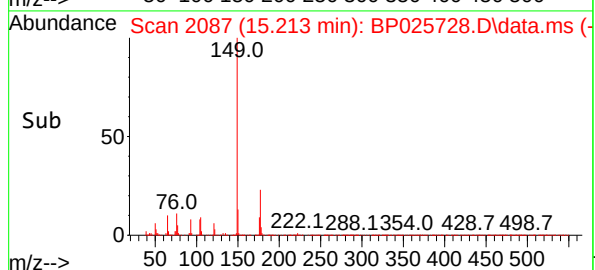
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

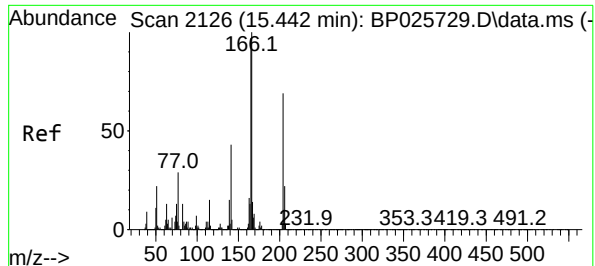


#60
Diethylphthalate
Concen: 21.918 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59



Tgt Ion: 149 Resp: 710972
Ion Ratio Lower Upper
149 100
177 23.3 17.7 26.5
150 13.0 10.0 15.0





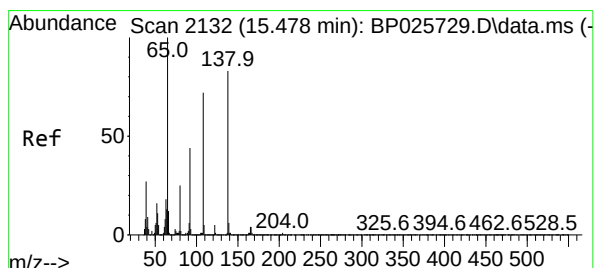
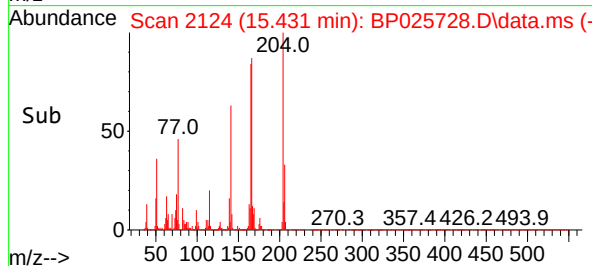
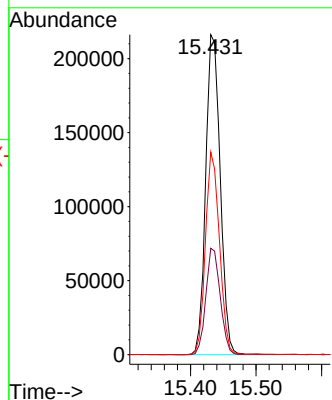
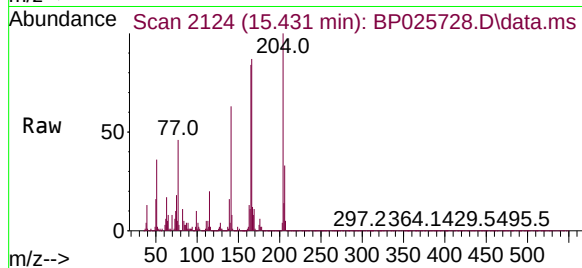
#61
4-Chlorophenyl-phenylether
Concen: 21.917 ng
RT: 15.431 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion: 204 Resp: 331129
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 63.3 49.7 74.5

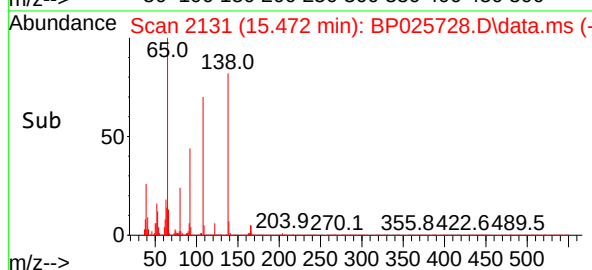
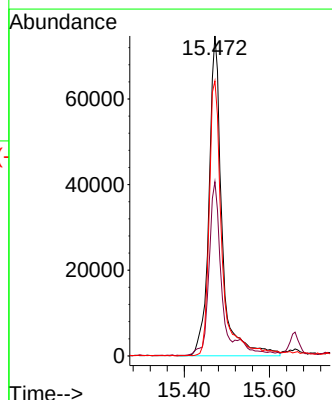
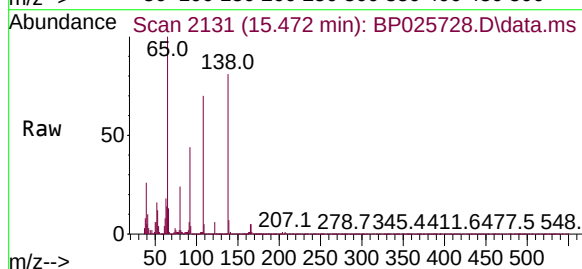
Manual Integrations
APPROVED

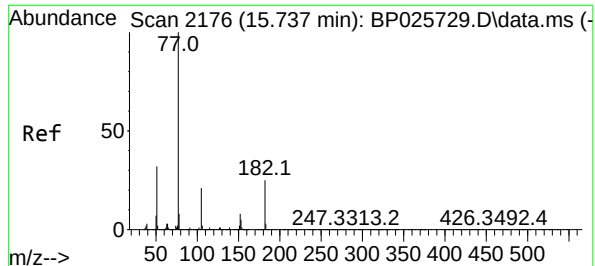
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 21.891 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

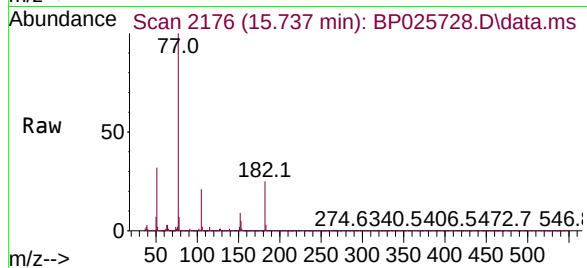
Tgt Ion: 138 Resp: 159664
Ion Ratio Lower Upper
138 100
92 54.4 33.3 73.3
108 85.9 66.7 106.7





#63
Azobenzene
Concen: 22.012 ng
RT: 15.737 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

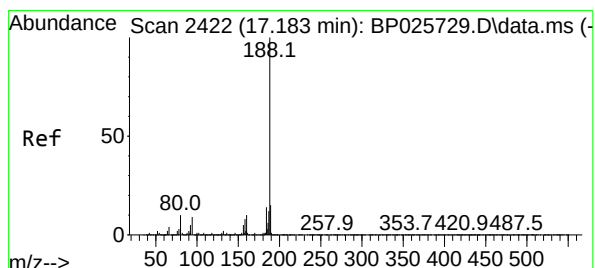
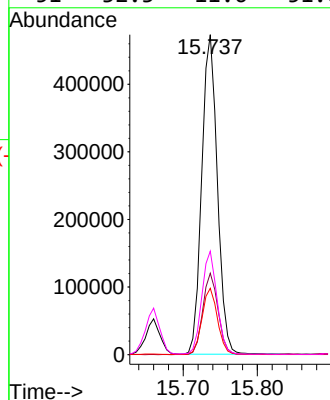
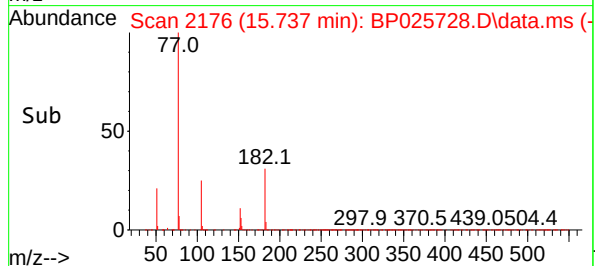
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion: 77 Resp: 690423
Ion Ratio Lower Upper
77 100
182 25.4 5.2 45.2
105 20.7 1.1 41.1
51 32.3 11.6 51.6

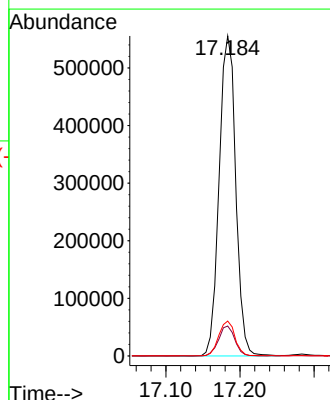
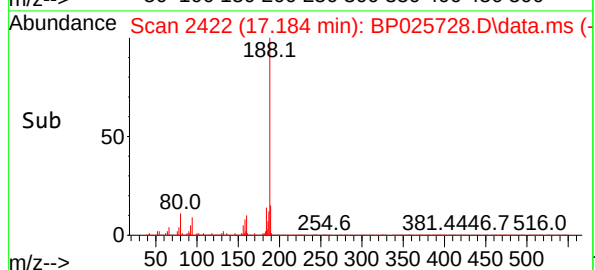
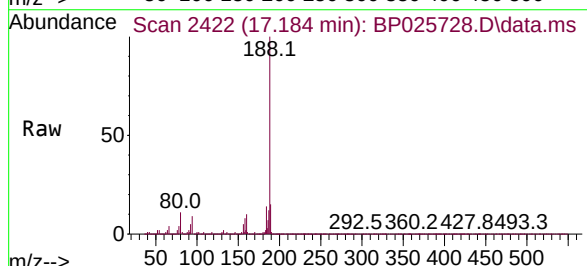
Manual Integrations
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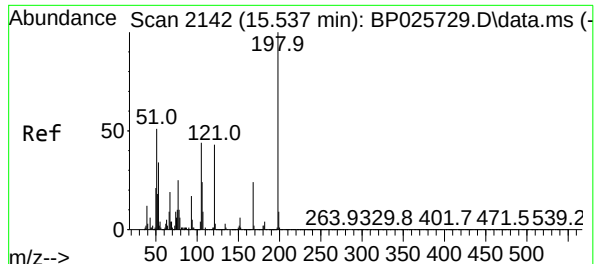
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.184 min Scan# 2422
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:188 Resp: 862789
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.9 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 20.272 ng

RT: 15.537 min Scan# 2142

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:198 Resp: 116319

Ion Ratio Lower Upper

198 100

51 48.6 33.4 73.4

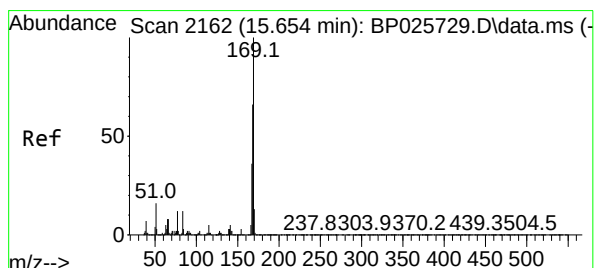
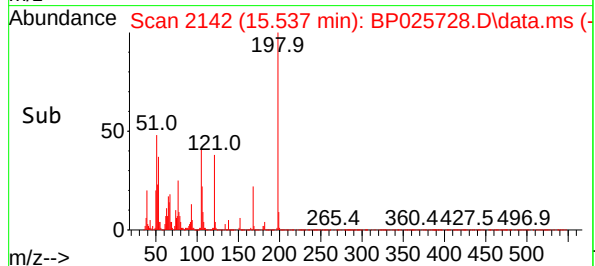
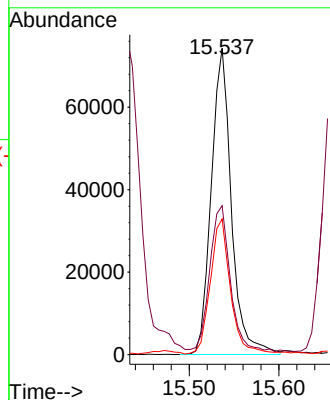
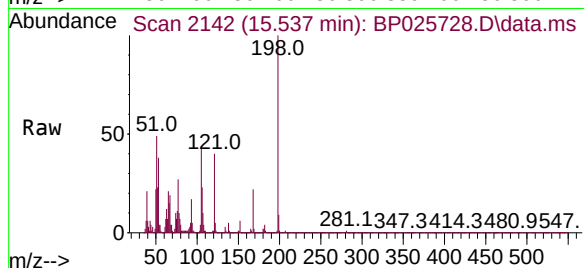
105 44.3 24.3 64.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 22.259 ng

RT: 15.660 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

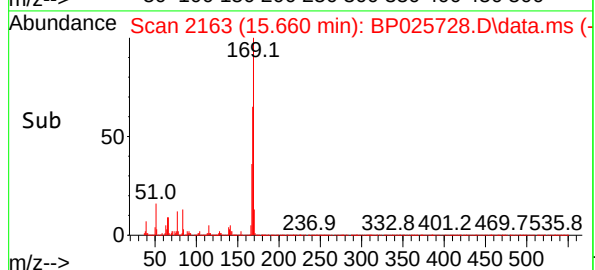
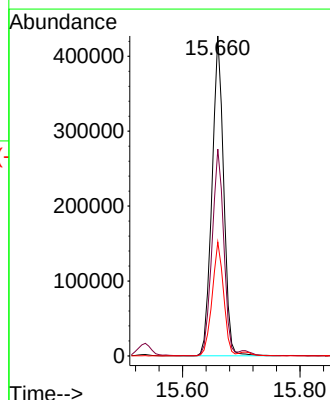
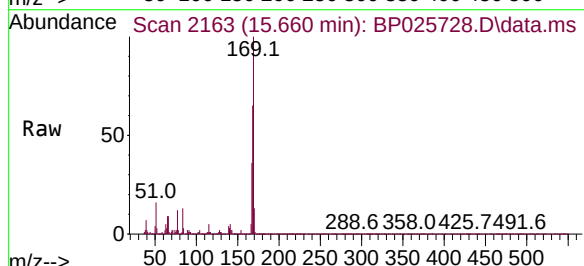
Tgt Ion:169 Resp: 587714

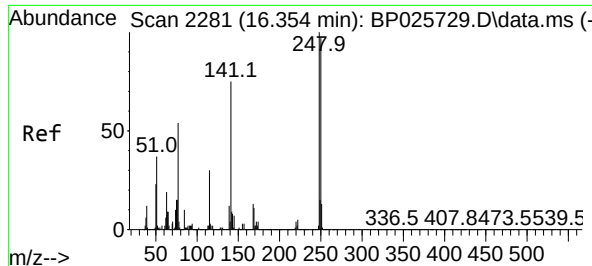
Ion Ratio Lower Upper

169 100

168 64.6 52.6 78.8

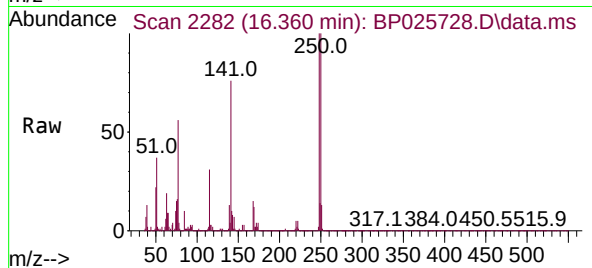
167 35.6 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 21.820 ng
RT: 16.360 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

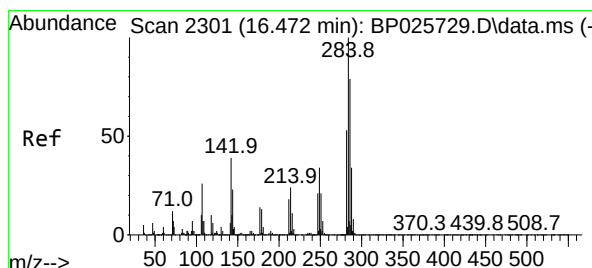
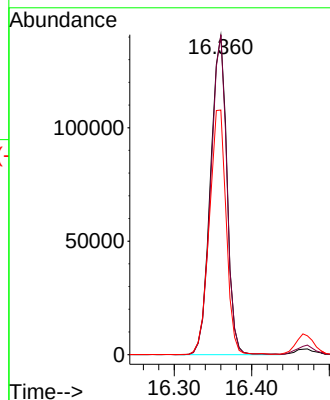
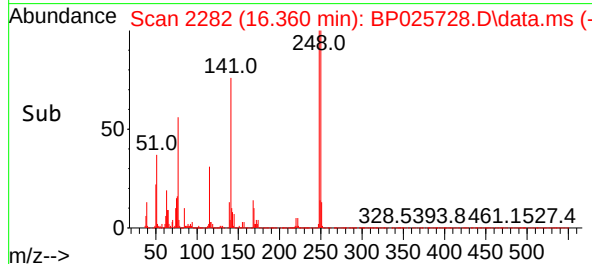
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:248 Resp: 206823
Ion Ratio Lower Upper
248 100
250 100.3 77.5 116.3
141 76.6 60.2 90.4

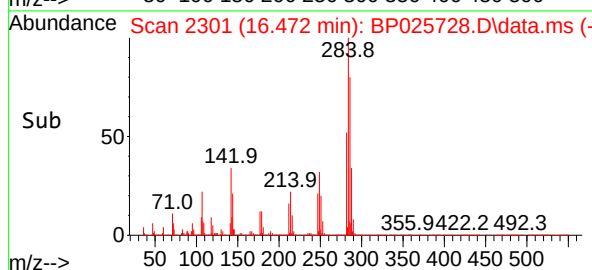
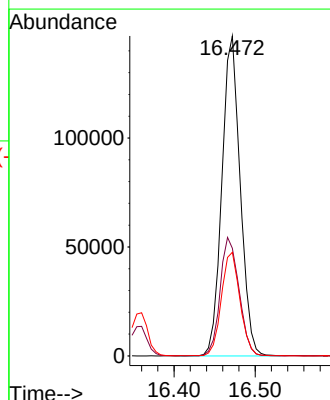
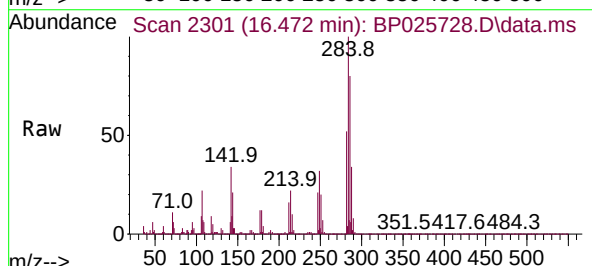
Manual Integrations
APPROVED

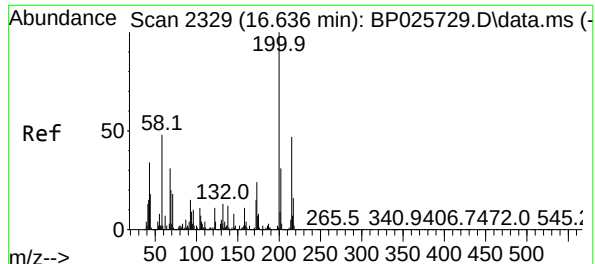
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#68
Hexachlorobenzene
Concen: 21.707 ng
RT: 16.472 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

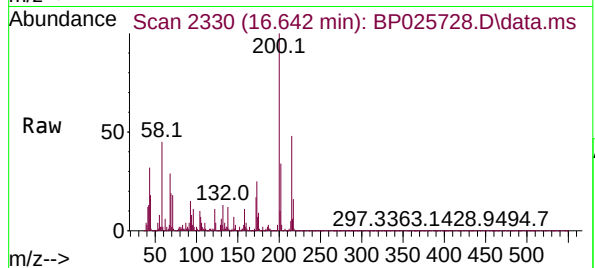
Tgt Ion:284 Resp: 229447
Ion Ratio Lower Upper
284 100
142 33.6 31.3 46.9
249 32.4 27.3 40.9





#69
Atrazine
Concen: 22.185 ng
RT: 16.642 min Scan# 2330
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

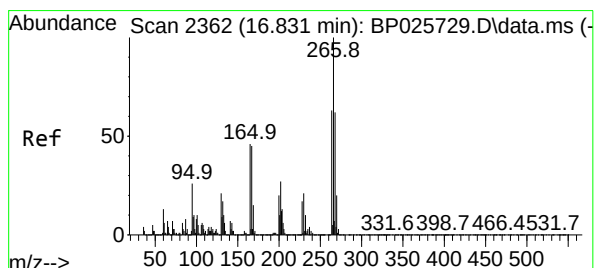
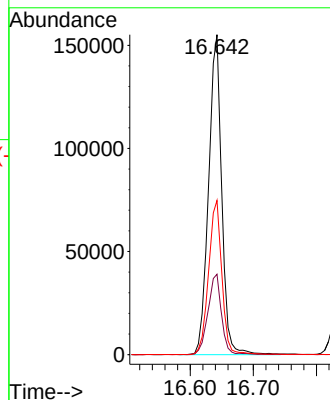
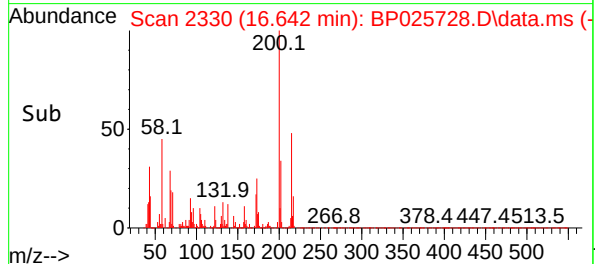
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:200 Resp: 223909
Ion Ratio Lower Upper
200 100
173 25.1 4.2 44.2
215 48.2 27.3 67.3

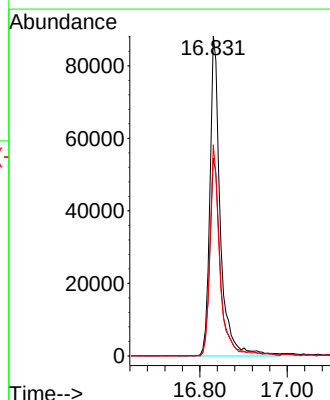
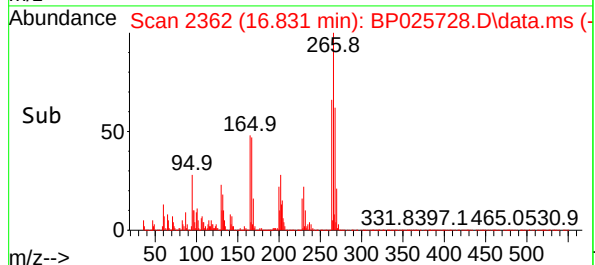
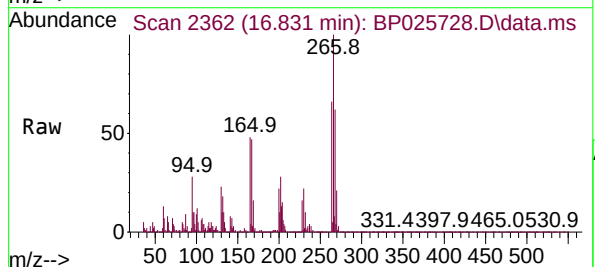
Manual Integrations
APPROVED

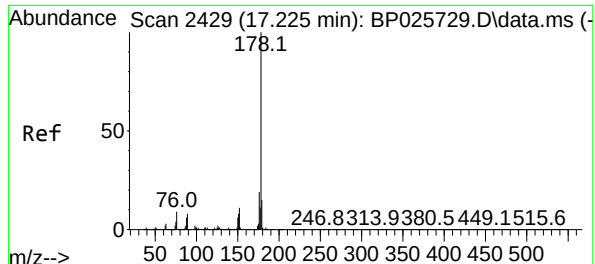
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#70
Pentachlorophenol
Concen: 20.824 ng
RT: 16.831 min Scan# 2362
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

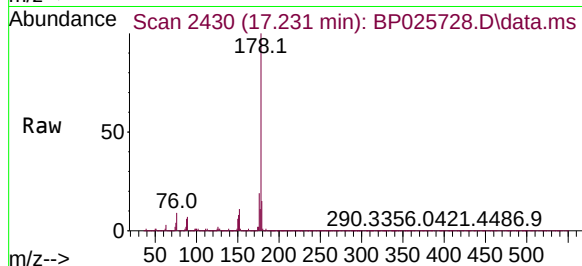
Tgt Ion:266 Resp: 145273
Ion Ratio Lower Upper
266 100
268 61.9 49.8 74.8
264 66.0 50.2 75.2





#71
Phenanthrene
Concen: 21.981 ng
RT: 17.231 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

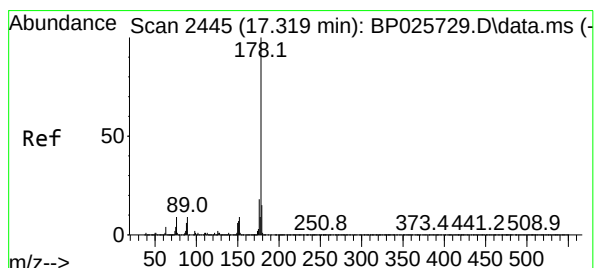
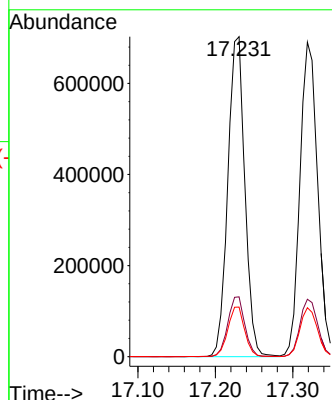
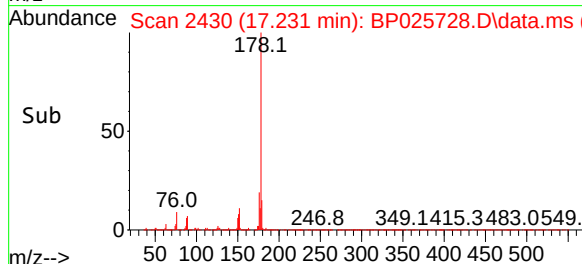
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:178 Resp: 1075795
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.2 18.4

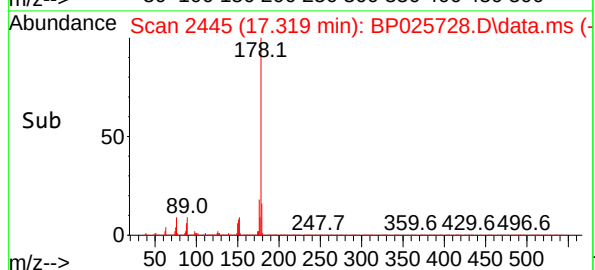
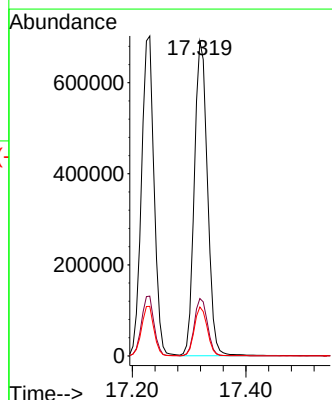
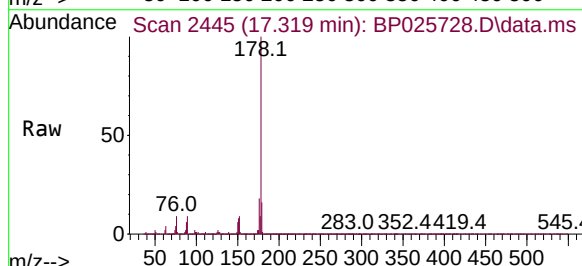
Manual Integrations
APPROVED

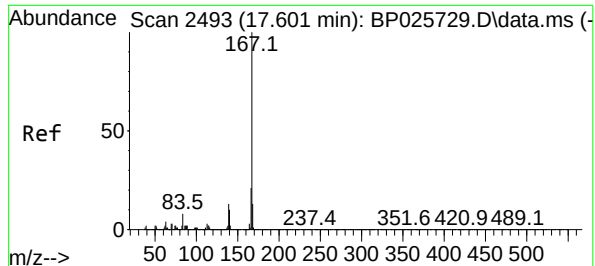
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#72
Anthracene
Concen: 22.239 ng
RT: 17.319 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

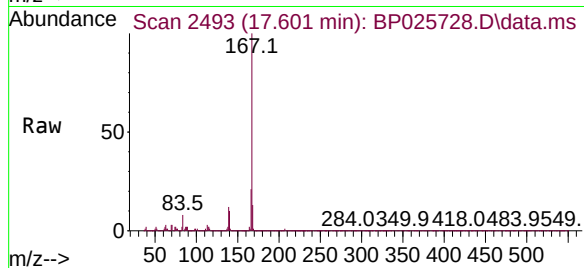
Tgt Ion:178 Resp: 1104346
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.5 12.2 18.4





#73
Carbazole
Concen: 22.146 ng
RT: 17.601 min Scan# 2493
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

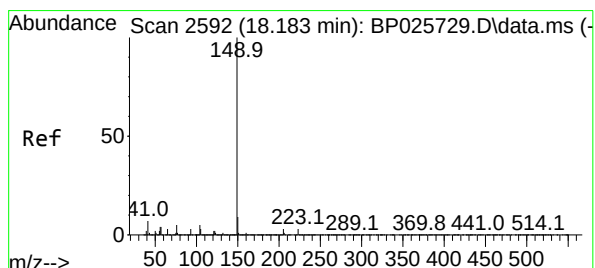
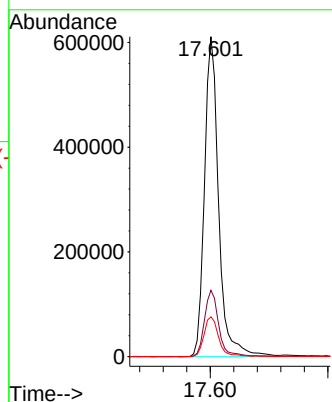
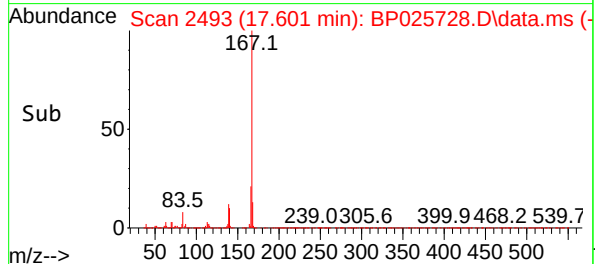
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:167 Resp: 1022406
Ion Ratio Lower Upper
167 100
166 20.7 17.0 25.4
139 12.4 10.6 16.0

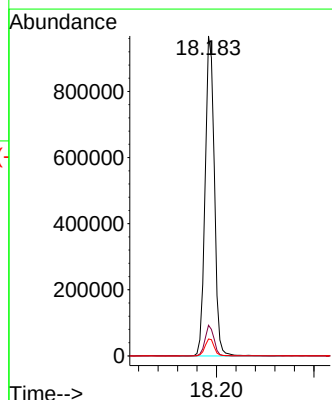
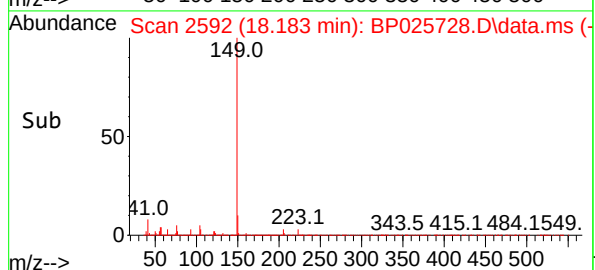
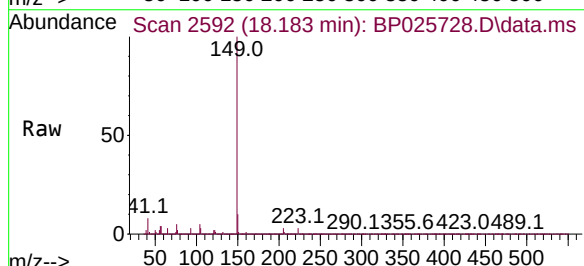
Manual Integrations
APPROVED

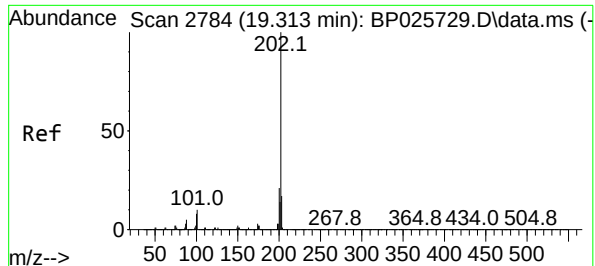
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#74
Di-n-butylphthalate
Concen: 22.358 ng
RT: 18.183 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

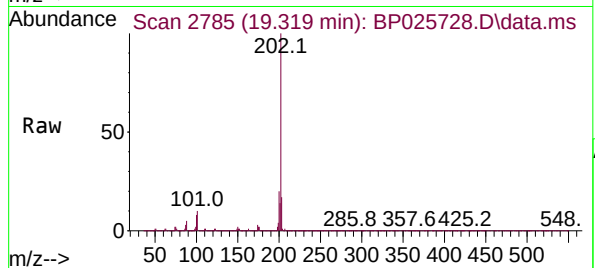
Tgt Ion:149 Resp: 1266684
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 22.205 ng
RT: 19.319 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

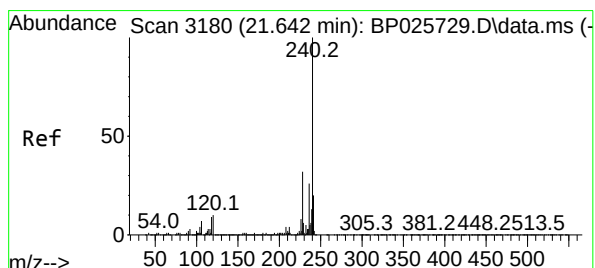
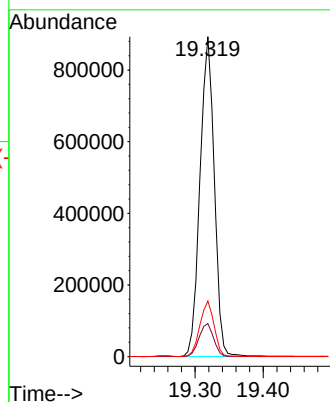
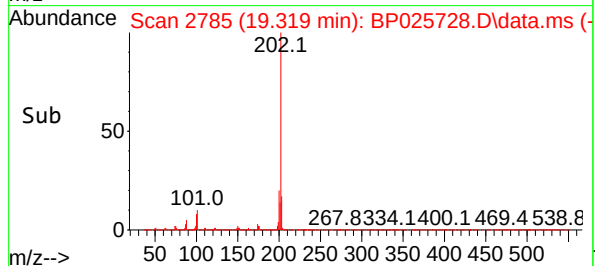
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 1303398
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 17.4 0.0 37.4

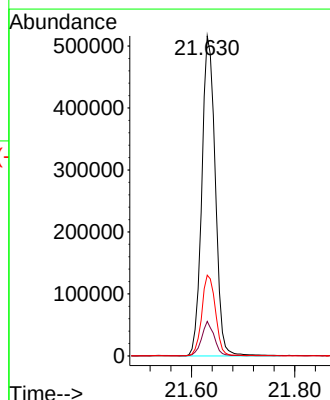
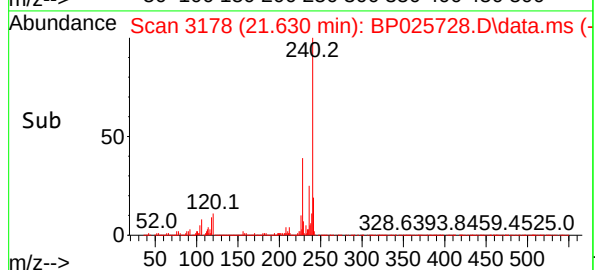
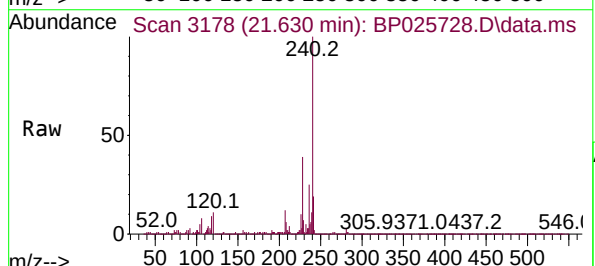
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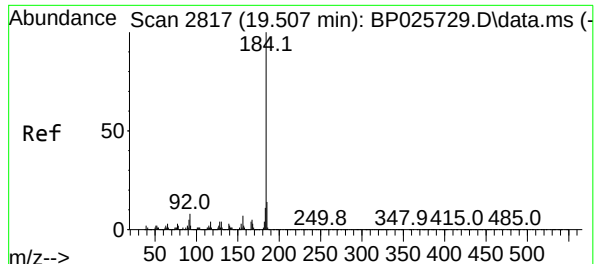
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:240 Resp: 931523
Ion Ratio Lower Upper
240 100
120 10.8 8.0 12.0
236 25.2 20.7 31.1





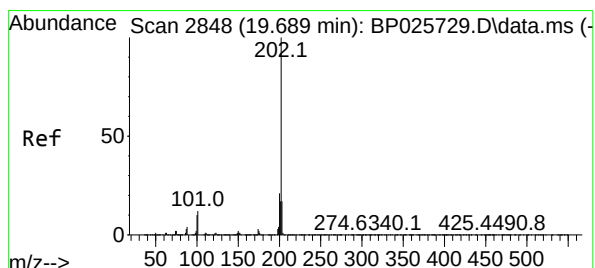
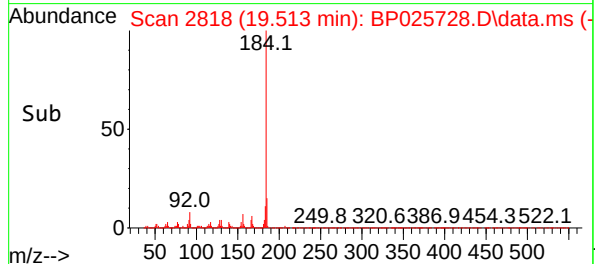
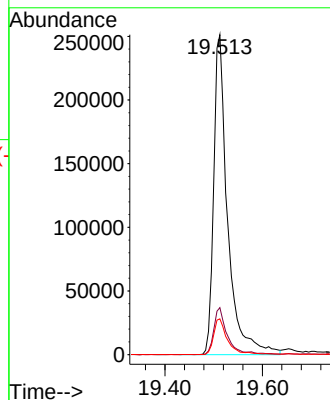
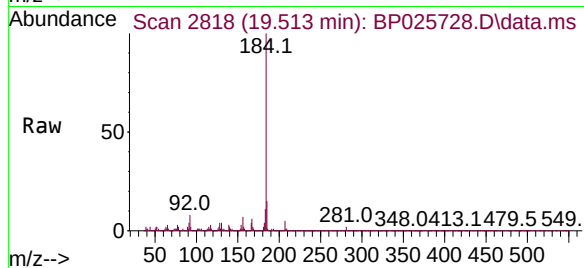
#77
Benzidine
Concen: 18.631 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:184 Resp: 499919
Ion Ratio Lower Upper
184 100
185 14.7 11.5 17.3
183 11.2 9.2 13.8

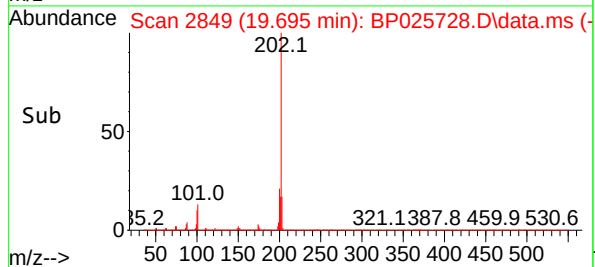
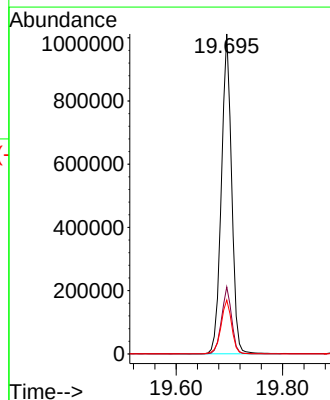
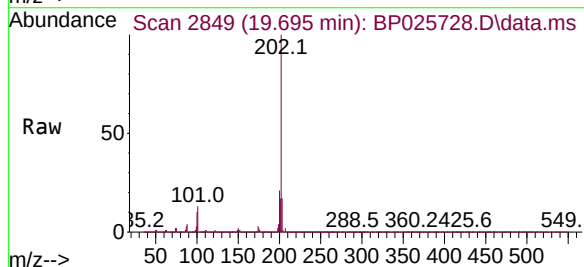
Manual Integrations
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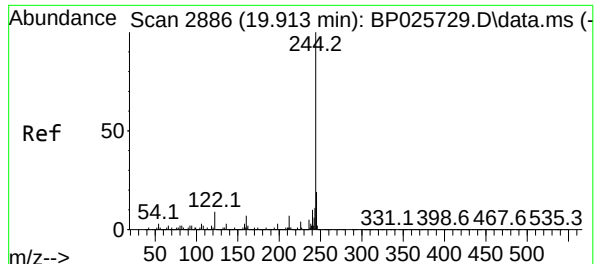
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 21.640 ng
RT: 19.695 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

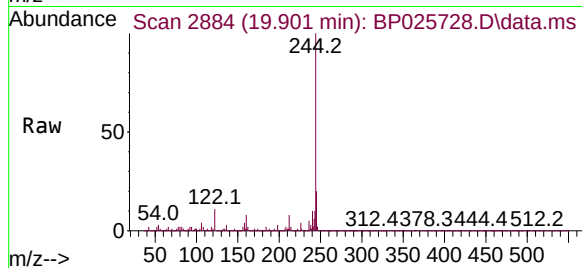
Tgt Ion:202 Resp: 1345082
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 16.8 13.9 20.9





#79
Terphenyl-d14
Concen: 43.089 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

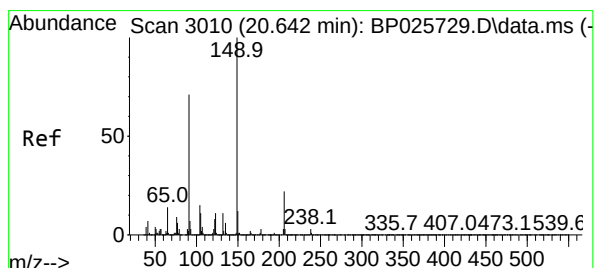
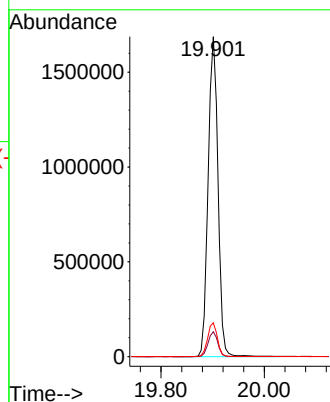
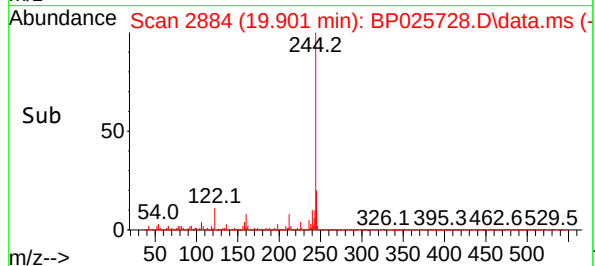
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:244 Resp: 2231186
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.6 7.1 10.7

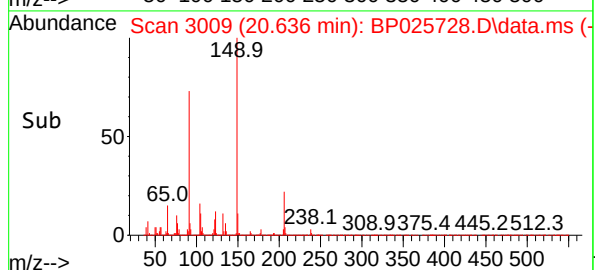
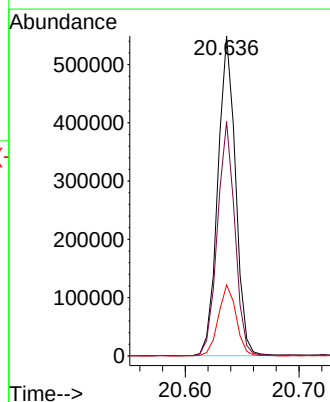
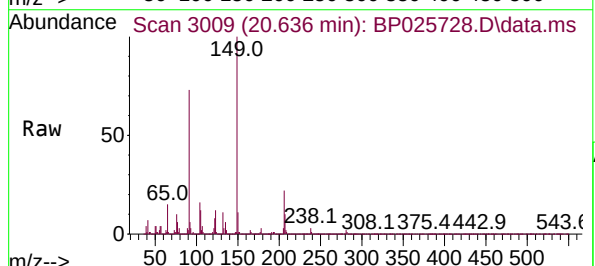
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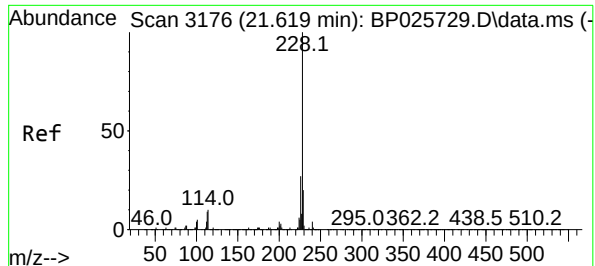
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#80
Butylbenzylphthalate
Concen: 21.726 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:149 Resp: 592103
Ion Ratio Lower Upper
149 100
91 73.2 56.6 85.0
206 22.2 17.4 26.0





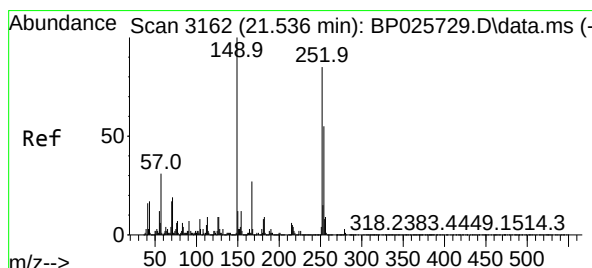
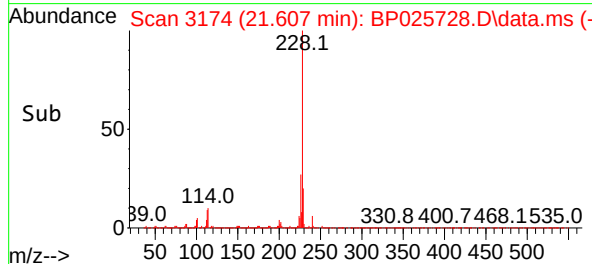
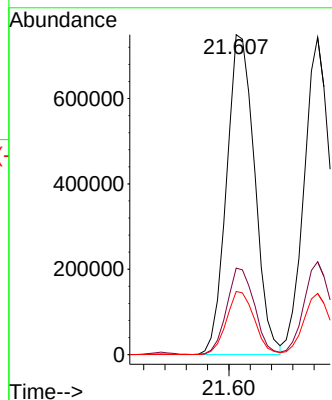
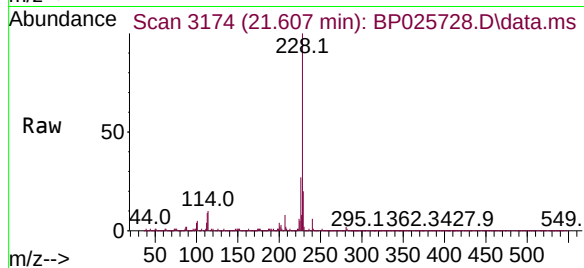
#81
Benzo(a)anthracene
Concen: 21.486 ng
RT: 21.607 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Tgt Ion:228 Resp: 1370258
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.7 15.7 23.5

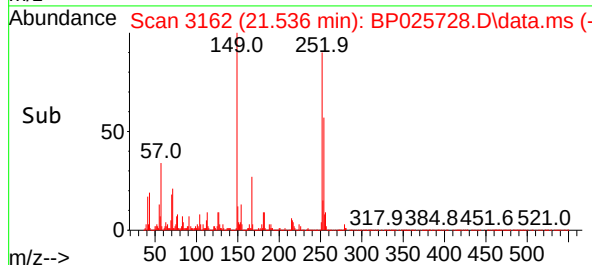
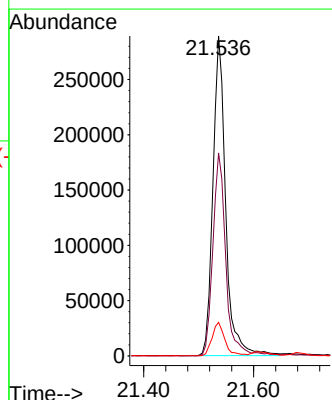
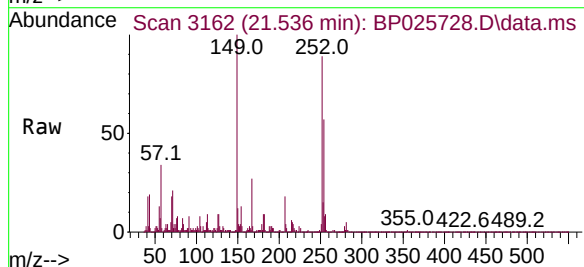
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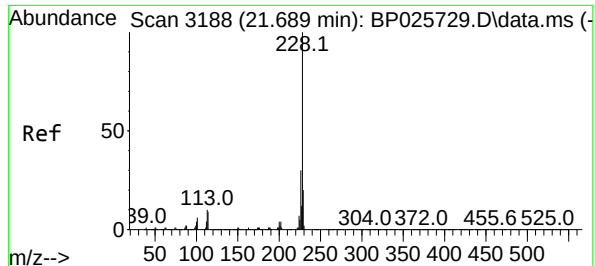
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 21.065 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:252 Resp: 464513
Ion Ratio Lower Upper
252 100
254 63.4 51.4 77.0
126 10.5 8.3 12.5





#83

Chrysene

Concen: 21.410 ng

RT: 21.683 min Scan# 3188

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:228 Resp: 130154

Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

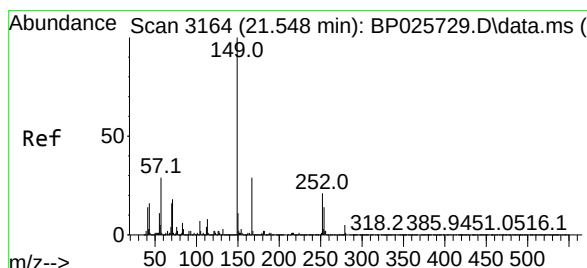
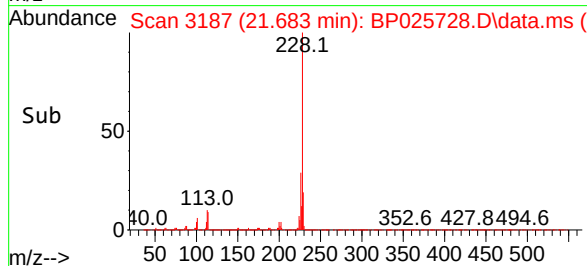
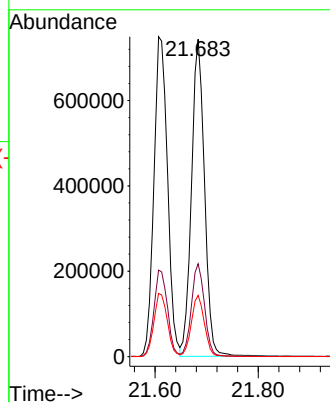
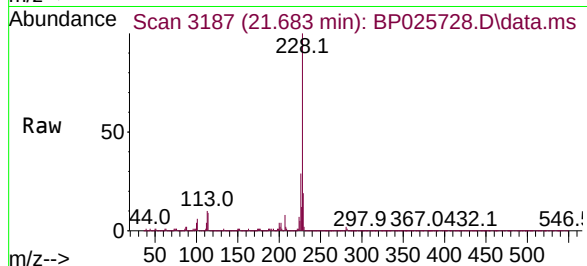
229 19.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.725 ng

RT: 21.548 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

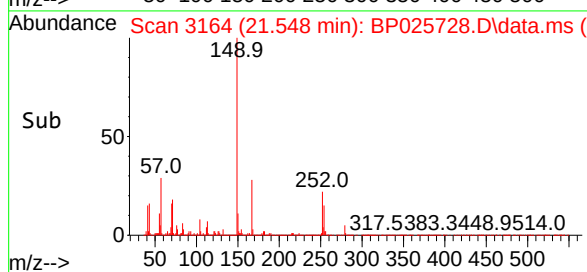
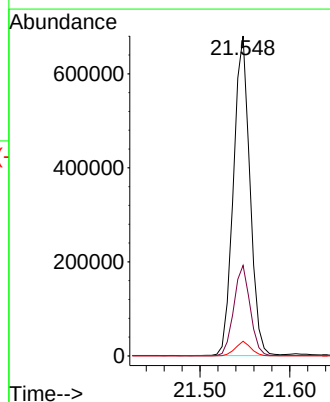
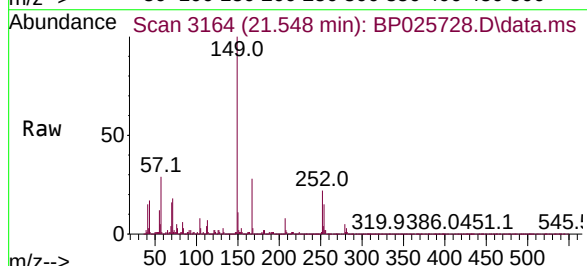
Tgt Ion:149 Resp: 866210

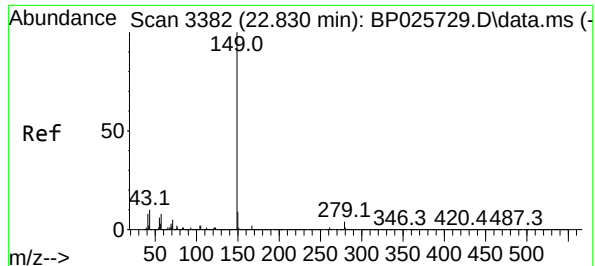
Ion Ratio Lower Upper

149 100

167 28.3 22.9 34.3

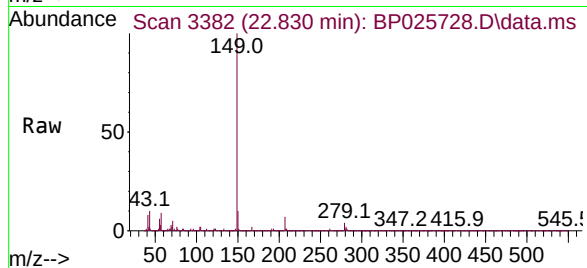
279 4.6 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 21.062 ng
RT: 22.830 min Scan# 3382
Delta R.T. 0.000 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

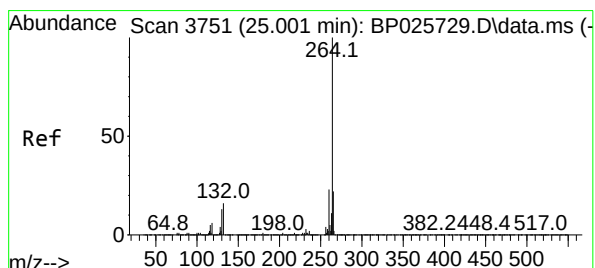
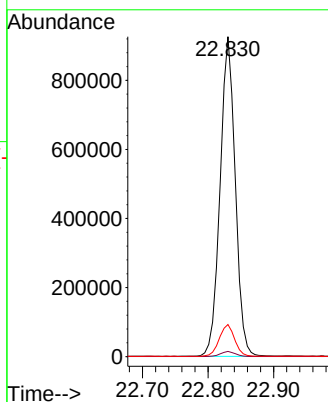
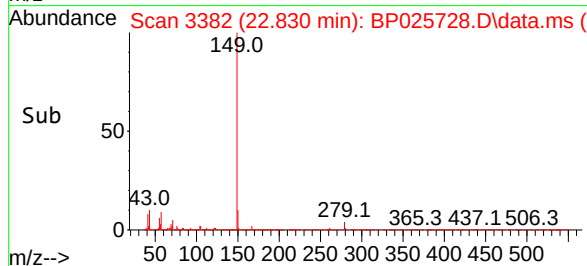
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:149 Resp: 1493820
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.1 8.0 12.0

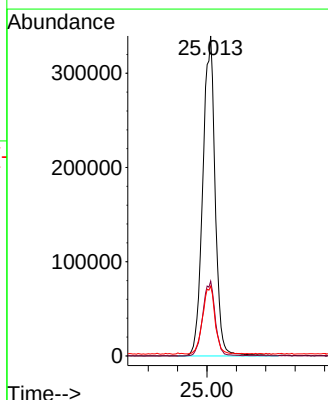
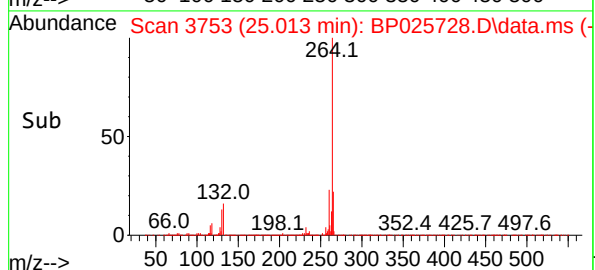
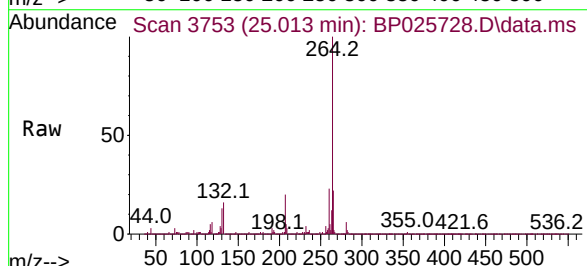
Manual Integrations
APPROVED

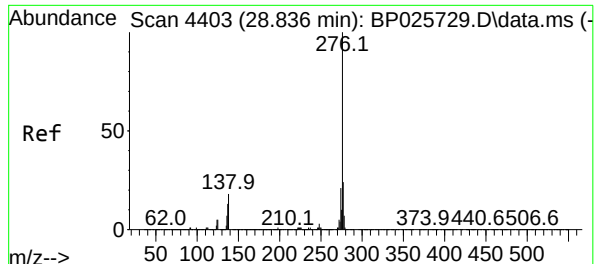
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.013 min Scan# 3753
Delta R.T. 0.012 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:264 Resp: 988151
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.074 ng

RT: 28.795 min Scan# 4396

Delta R.T. -0.041 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:276 Resp: 1514360

Ion Ratio Lower Upper

276 100

138 17.1 13.4 20.2

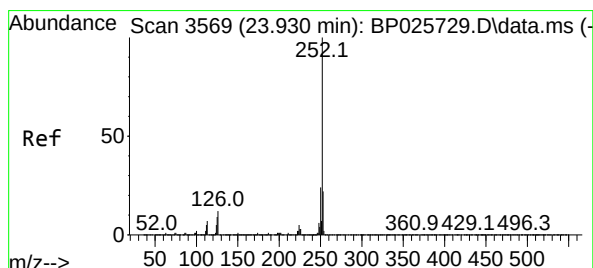
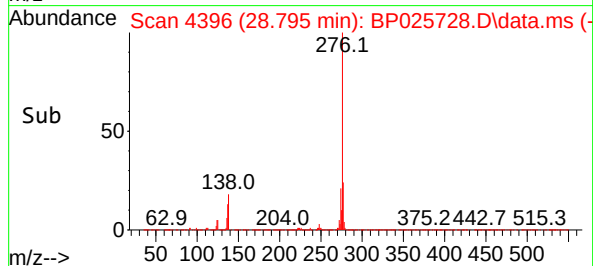
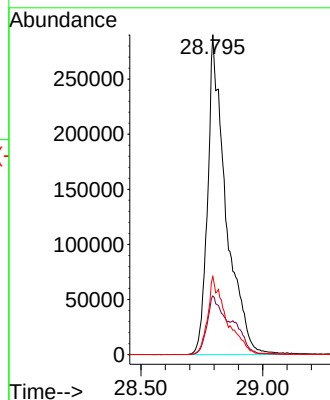
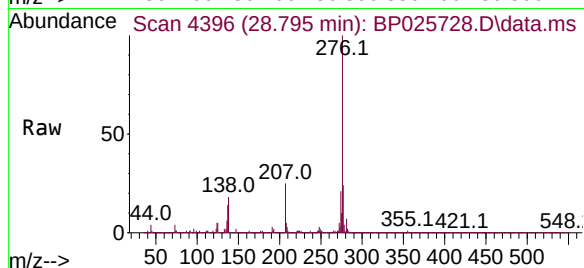
277 25.2 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#88

Benzo(b)fluoranthene

Concen: 21.316 ng

RT: 23.924 min Scan# 3568

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

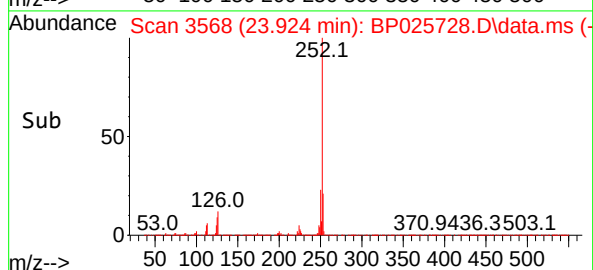
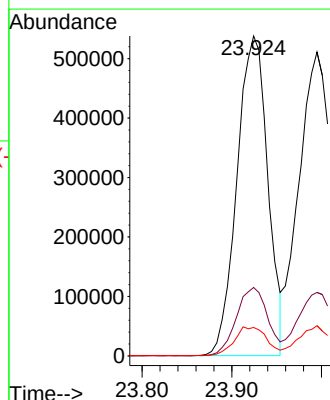
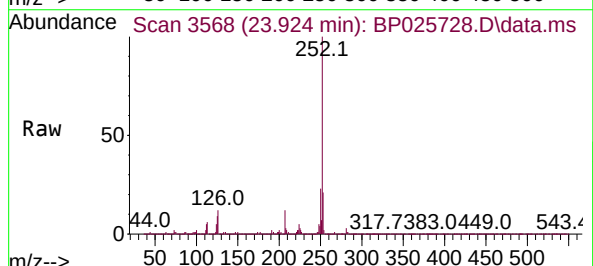
Tgt Ion:252 Resp: 1288073

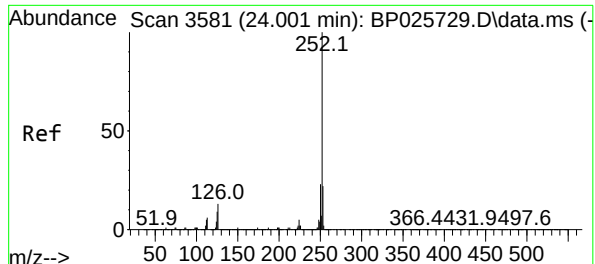
Ion Ratio Lower Upper

252 100

253 21.4 17.9 26.9

125 8.9 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 21.911 ng

RT: 23.995 min Scan# 3581

Delta R.T. -0.006 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

Instrument :

BNA_P

ClientSampleId :

SSTDICC020

Tgt Ion:252 Resp: 1351055

Ion Ratio Lower Upper

252 100

253 20.9 17.5 26.3

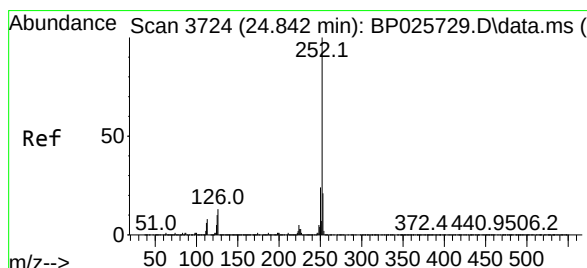
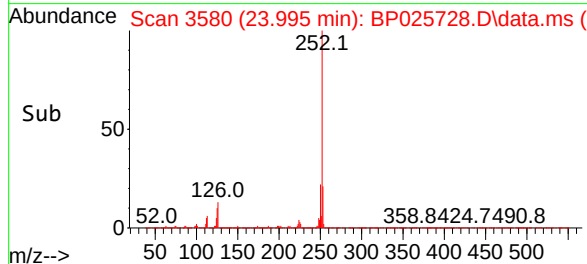
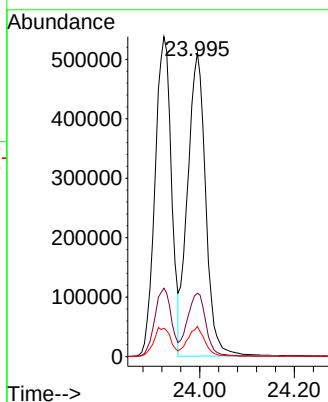
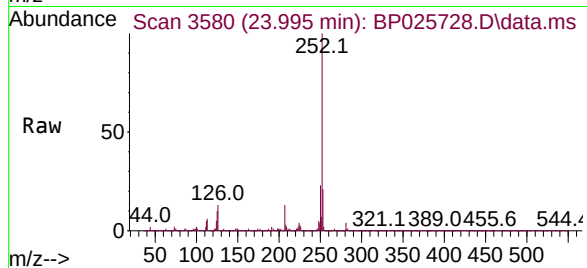
125 9.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 21.300 ng

RT: 24.830 min Scan# 3722

Delta R.T. -0.012 min

Lab File: BP025728.D

Acq: 11 Sep 2025 10:59

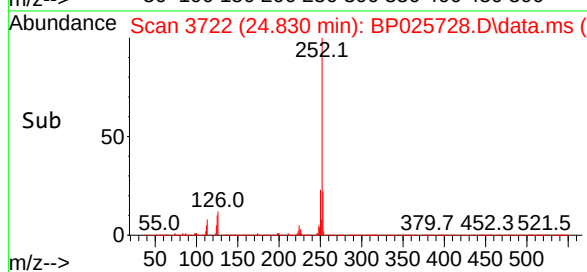
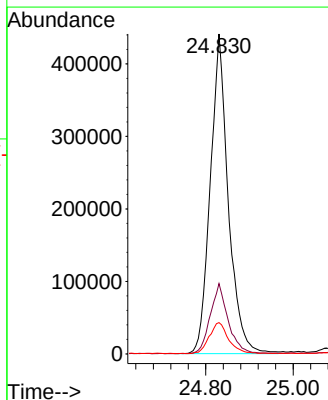
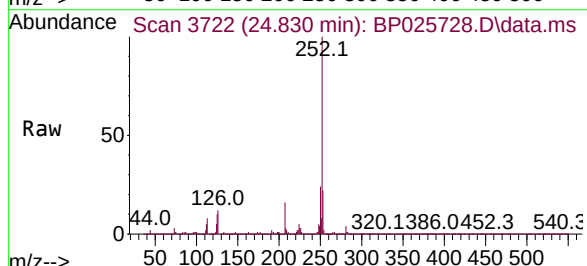
Tgt Ion:252 Resp: 1260461

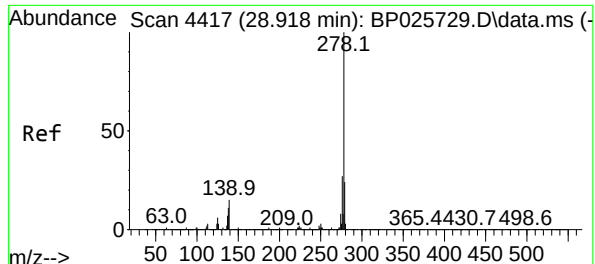
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

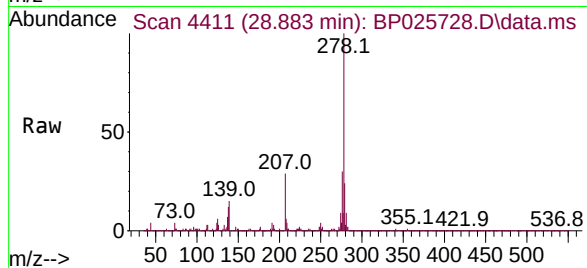
125 9.8 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 21.066 ng
RT: 28.883 min Scan# 4417
Delta R.T. -0.035 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

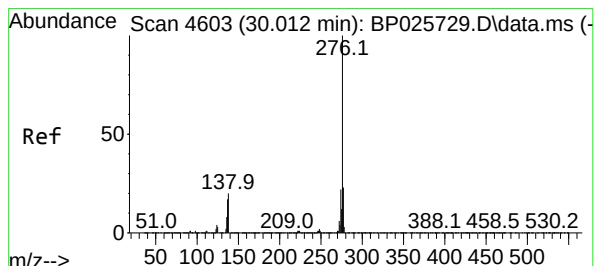
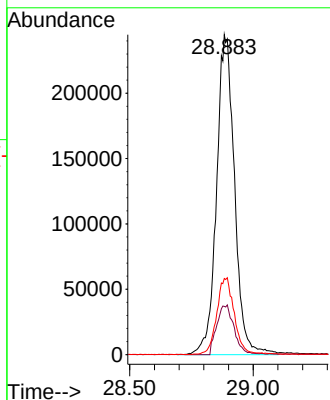
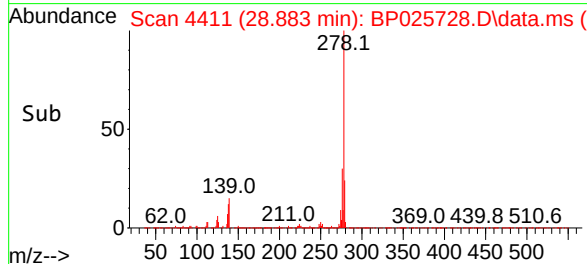
Instrument :
BNA_P
ClientSampleId :
SSTDICC020



Tgt Ion:278 Resp: 123876
Ion Ratio Lower Upper
278 100
139 15.1 12.1 18.1
279 23.8 19.6 29.4

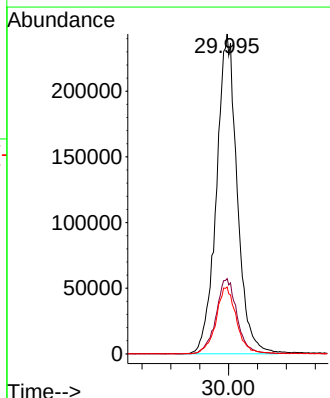
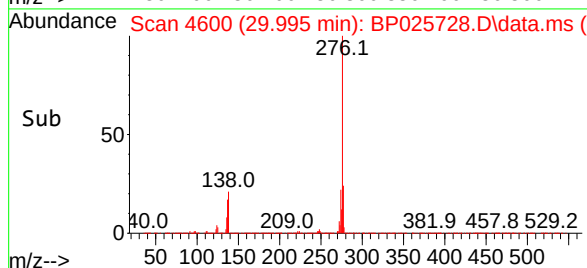
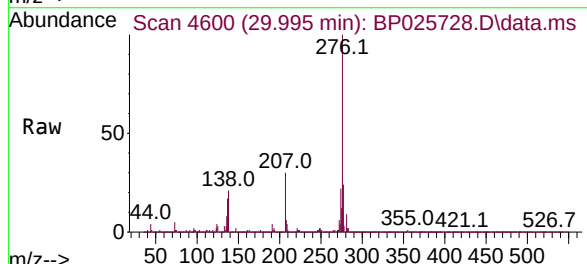
Manual Integrations
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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 20.937 ng
RT: 29.995 min Scan# 4600
Delta R.T. -0.018 min
Lab File: BP025728.D
Acq: 11 Sep 2025 10:59

Tgt Ion:276 Resp: 1210808
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 20.9 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025729.D
 Acq On : 11 Sep 2025 12:21
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:22:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	144640	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	617318	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	418121	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	868840	20.000	ng	0.00
76) Chrysene-d12	21.630	240	926553	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1000954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	787836	87.888	ng	0.00
7) Phenol-d6	6.943	99	1076622	90.359	ng	0.00
23) Nitrobenzene-d5	8.902	82	1224870	87.524	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	462583	88.699	ng	-0.01
45) 2-Fluorobiphenyl	12.990	172	2669440	85.008	ng	0.00
79) Terphenyl-d14	19.901	244	4362586	84.704	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	157988	41.993	ng	99
3) Pyridine	3.708	79	452870	43.715	ng	98
4) n-Nitrosodimethylamine	3.614	42	208606	42.674	ng	98
6) Aniline	7.096	93	725768	44.373	ng	98
8) 2-Chlorophenol	7.331	128	436310	44.368	ng	99
9) Benzaldehyde	6.913	77	253178m	35.491	ng	
10) Phenol	6.972	94	568213	45.227	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	449932	44.575	ng	99
12) 1,3-Dichlorobenzene	7.649	146	484132	43.256	ng	98
13) 1,4-Dichlorobenzene	7.796	146	488797	42.874	ng	100
14) 1,2-Dichlorobenzene	8.107	146	478270	43.182	ng	98
15) Benzyl Alcohol	8.002	79	436860	44.371	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	721206	43.691	ng	100
17) 2-Methylphenol	8.202	107	381511	45.040	ng	97
18) Hexachloroethane	8.825	117	187163	42.979	ng	96
19) n-Nitroso-di-n-propyla...	8.554	70	381756	46.485	ng	100
20) 3+4-Methylphenols	8.525	107	526118	44.351	ng	98
22) Acetophenone	8.572	105	726426	44.034	ng	99
24) Nitrobenzene	8.943	77	554186	44.142	ng	99
25) Isophorone	9.472	82	1061978	43.173	ng	100
26) 2-Nitrophenol	9.649	139	250189	44.885	ng	96
27) 2,4-Dimethylphenol	9.713	122	439626	44.957	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	615359	43.278	ng	99
29) 2,4-Dichlorophenol	10.190	162	430954	44.201	ng	99
30) 1,2,4-Trichlorobenzene	10.396	180	466981	42.499	ng	99
31) Naphthalene	10.578	128	1416256	42.548	ng	100
32) Benzoic acid	9.884	122	322344	44.337	ng	98
33) 4-Chloroaniline	10.684	127	629600	45.380	ng	99
34) Hexachlorobutadiene	10.860	225	299180	42.296	ng	98
35) Caprolactam	11.490	113	162983	43.455	ng	99
36) 4-Chloro-3-methylphenol	11.825	107	511595	44.012	ng	97
37) 2-Methylnaphthalene	12.184	142	922799	43.164	ng	99
38) 1-Methylnaphthalene	12.407	142	987208	43.302	ng	99
40) 1,2,4,5-Tetrachloroben...	12.560	216	551785	43.550	ng	100
41) Hexachlorocyclopentadiene	12.537	237	317811	46.055	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	372542	44.726	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025729.D
 Acq On : 11 Sep 2025 12:21
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:22:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	418700	45.167	ng	98
46) 1,1'-Biphenyl	13.207	154	1327491	43.254	ng	99
47) 2-Chloronaphthalene	13.242	162	1037016	42.913	ng	99
48) 2-Nitroaniline	13.454	65	366901	45.547	ng	97
49) Acenaphthylene	14.101	152	1721169	42.987	ng	100
50) Dimethylphthalate	13.837	163	1387323	43.460	ng	99
51) 2,6-Dinitrotoluene	13.948	165	299565	44.293	ng	99
52) Acenaphthene	14.442	154	998942	43.262	ng	99
53) 3-Nitroaniline	14.284	138	329431	46.320	ng	98
54) 2,4-Dinitrophenol	14.507	184	174477	42.110	ng	98
55) Dibenzofuran	14.784	168	1607411	42.712	ng	99
56) 4-Nitrophenol	14.619	139	256685	44.044	ng	98
57) 2,4-Dinitrotoluene	14.754	165	435664	45.264	ng	99
58) Fluorene	15.448	166	1292575	43.194	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	373358	44.710	ng	98
60) Diethylphthalate	15.219	149	1374845	42.459	ng	100
61) 4-Chlorophenyl-phenylether	15.436	204	643036	42.637	ng	99
62) 4-Nitroaniline	15.472	138	338121	46.442	ng	100
63) Azobenzene	15.736	77	1373602	43.872	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	261709	45.293	ng	94
66) n-Nitrosodiphenylamine	15.654	169	1153503	43.383	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	413274	43.298	ng	99
68) Hexachlorobenzene	16.472	284	453064	42.564	ng	97
69) Atrazine	16.636	200	451179	44.392	ng	98
70) Pentachlorophenol	16.836	266	311192	44.297	ng	98
71) Phenanthrene	17.230	178	2106998	42.751	ng	100
72) Anthracene	17.319	178	2149009	42.974	ng	100
73) Carbazole	17.601	167	2037704	43.830	ng	99
74) Di-n-butylphthalate	18.189	149	2498531	43.793	ng	100
75) Fluoranthene	19.313	202	2514212	42.535	ng	99
77) Benzidine	19.501	184	1209219	45.307	ng	100
78) Pyrene	19.689	202	2650721	42.875	ng	99
80) Butylbenzylphthalate	20.636	149	1198520	44.213	ng	99
81) Benzo(a)anthracene	21.613	228	2693098	42.456	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	960752	43.803	ng	99
83) Chrysene	21.677	228	2548856	42.152	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1750717	44.144	ng	99
85) Di-n-octyl phthalate	22.818	149	3094664	43.867	ng	100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3195673	43.902	ng	# 83
88) Benzo(b)fluoranthene	23.930	252	2674118	43.687	ng	99
89) Benzo(k)fluoranthene	24.007	252	2685118	42.989	ng	99
90) Benzo(a)pyrene	24.836	252	2617139	43.660	ng	100
91) Dibenzo(a,h)anthracene	28.906	278	2596318	43.586	ng	99
92) Benzo(g,h,i)perylene	30.006	276	2536855	43.305	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

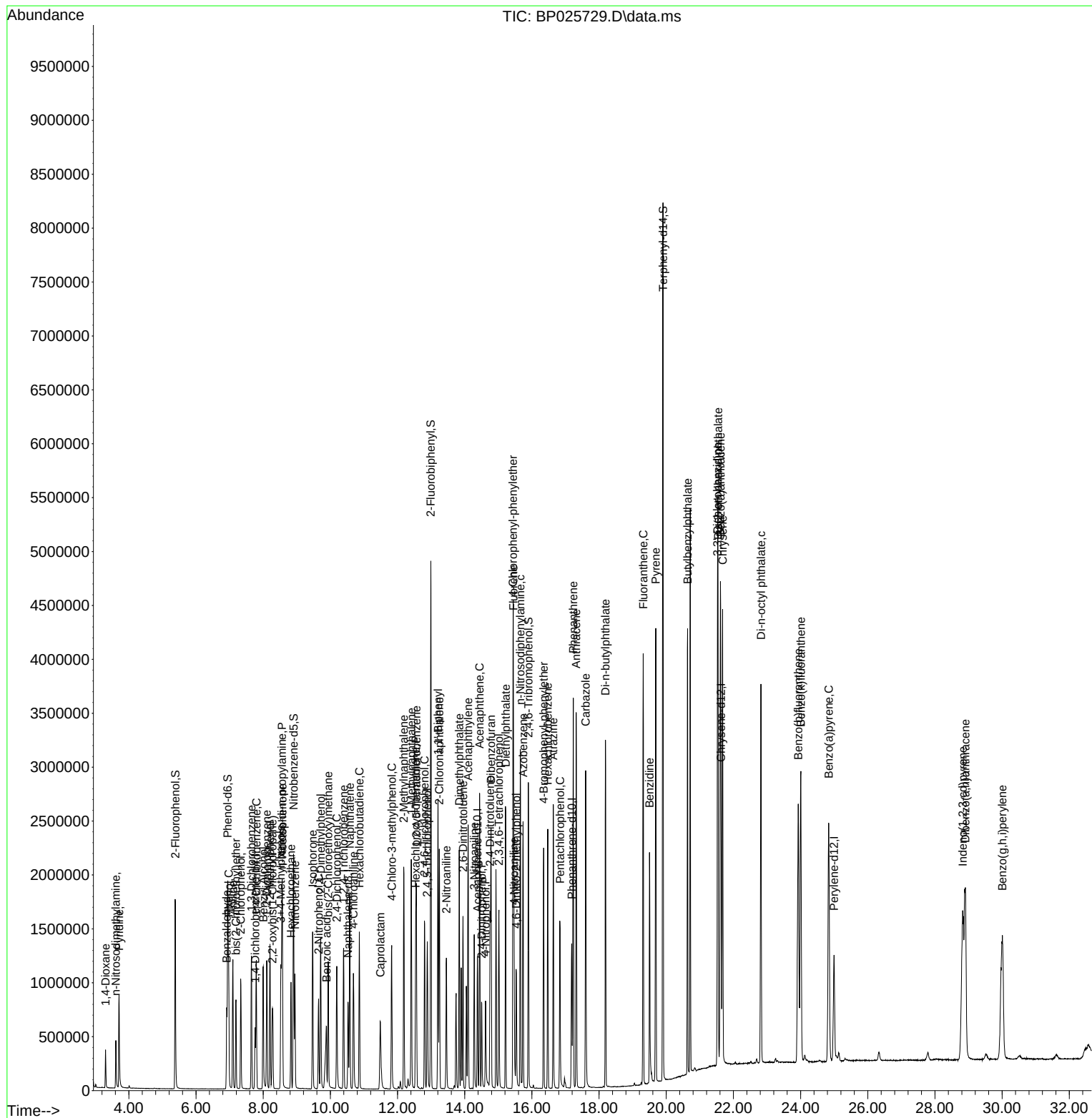
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTIDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

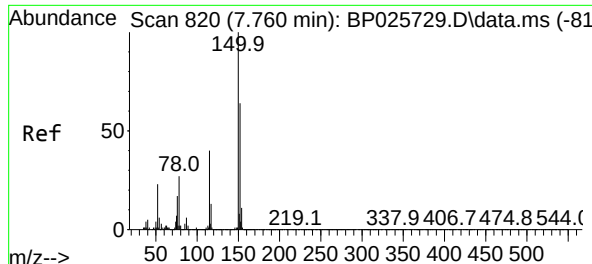
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

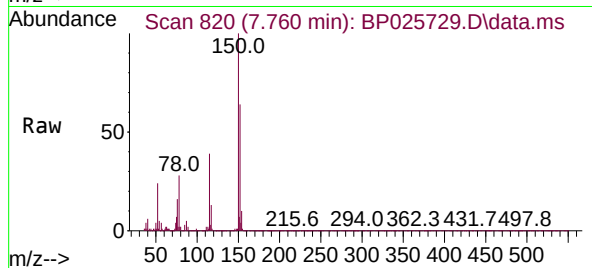
Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.760 min Scan# 820
Delta R.T. 0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

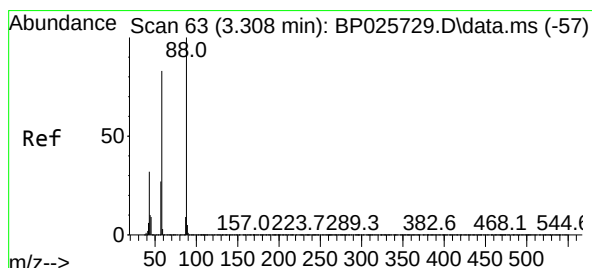
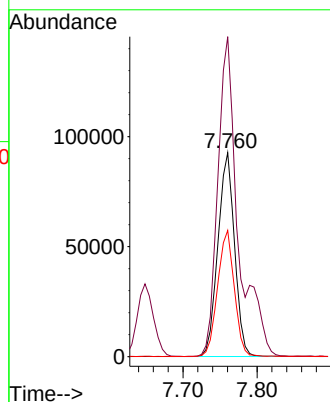
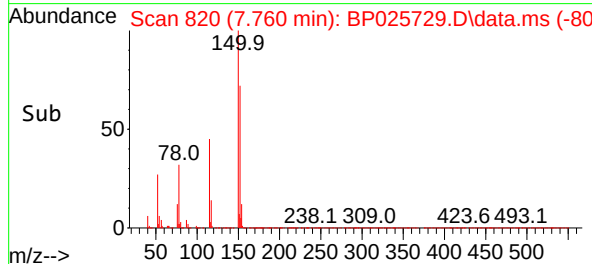
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



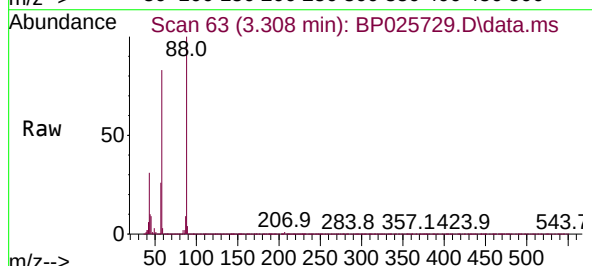
Tgt Ion:152 Resp: 144640
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 61.9 50.3 75.5

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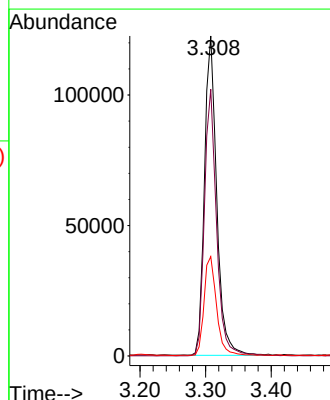
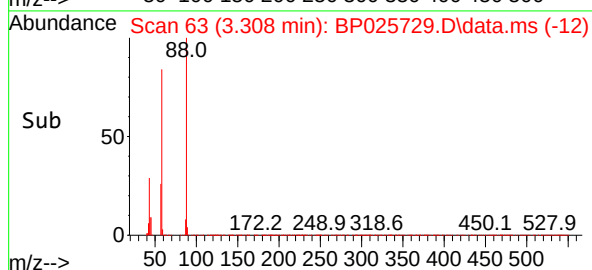
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

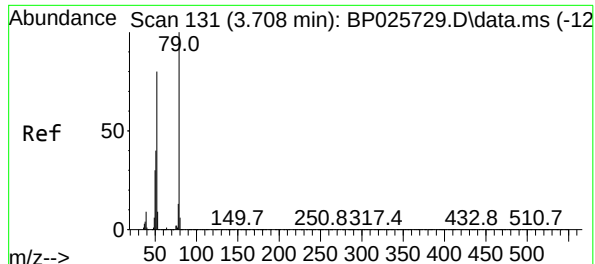


#2
1,4-Dioxane
Concen: 41.993 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21



Tgt Ion: 88 Resp: 157988
Ion Ratio Lower Upper
88 100
58 82.8 65.5 98.3
43 31.5 25.2 37.8





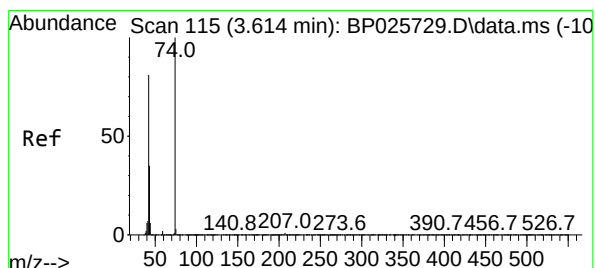
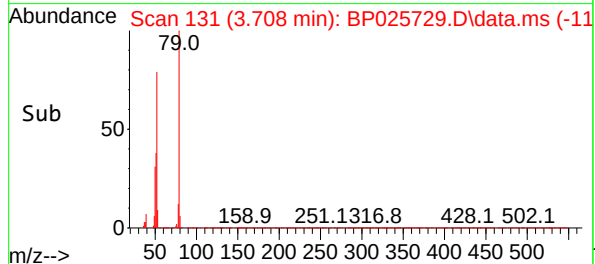
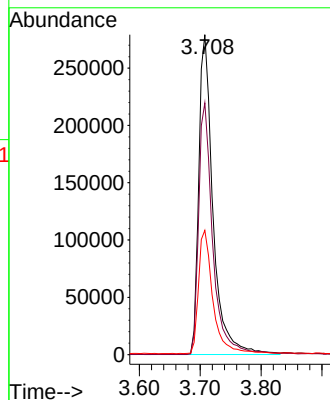
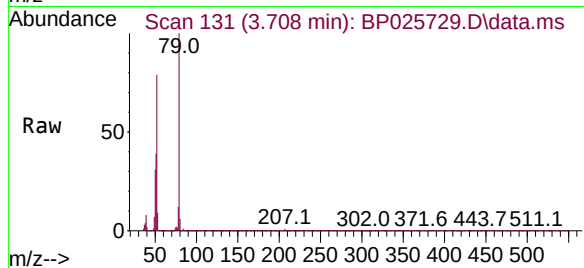
#3
Pyridine
Concen: 43.715 ng
RT: 3.708 min Scan# 131
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 79 Resp: 452870
Ion Ratio Lower Upper
79 100
52 78.7 63.7 95.5
51 38.8 32.4 48.6

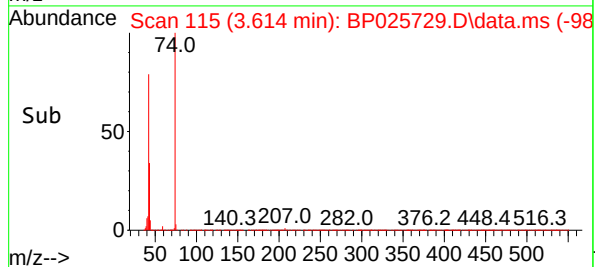
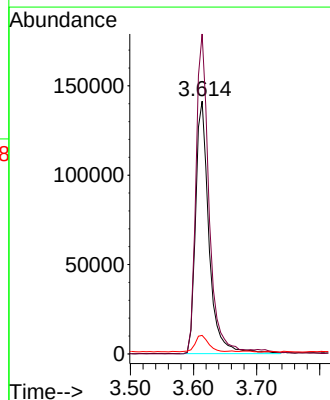
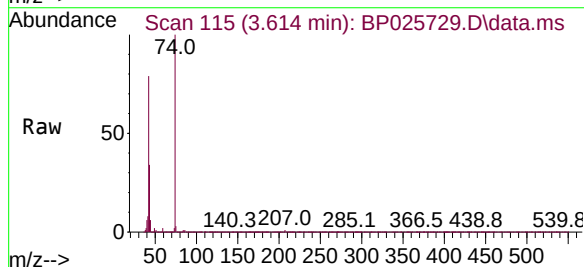
Manual Integrations
APPROVED

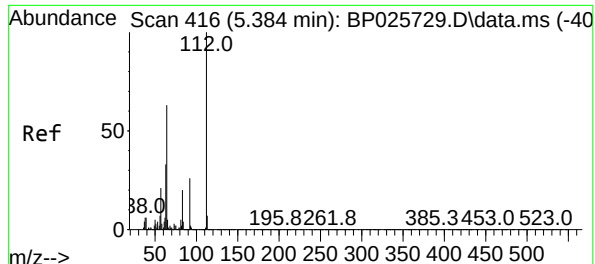
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#4
n-Nitrosodimethylamine
Concen: 42.674 ng
RT: 3.614 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

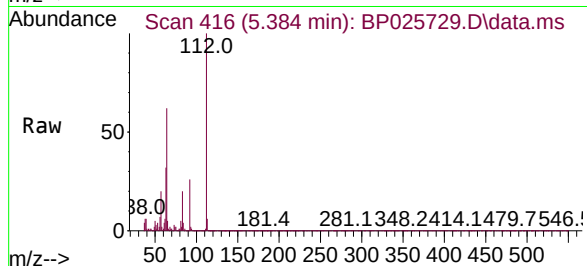
Tgt Ion: 42 Resp: 208606
Ion Ratio Lower Upper
42 100
74 126.6 99.2 148.8
44 7.3 6.4 9.6





#5
2-Fluorophenol
Concen: 87.888 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

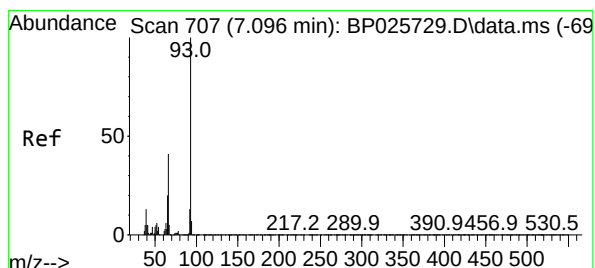
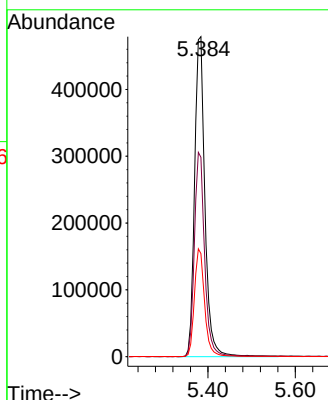
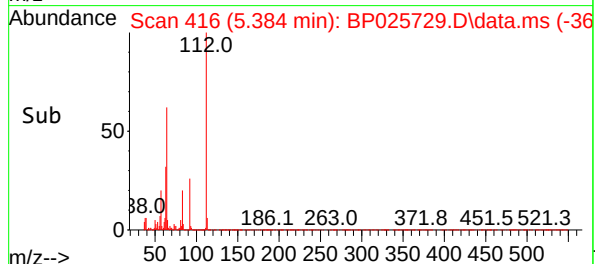
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 787836
Ion Ratio Lower Upper
112 100
64 62.3 50.2 75.4
63 32.2 26.7 40.1

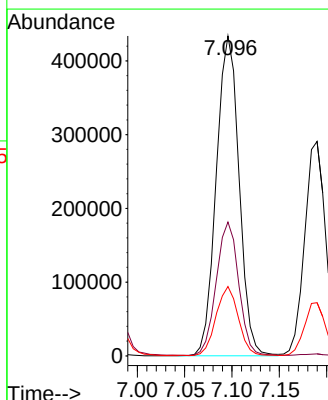
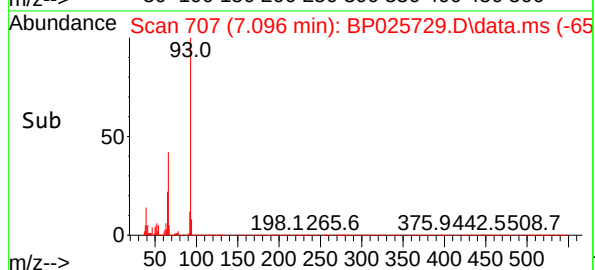
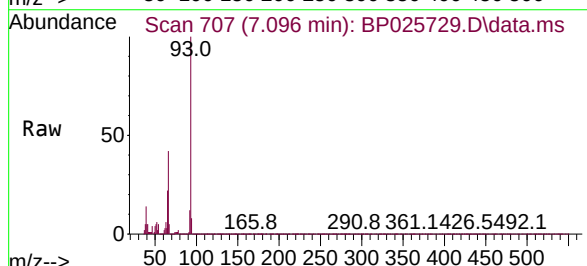
Manual Integrations
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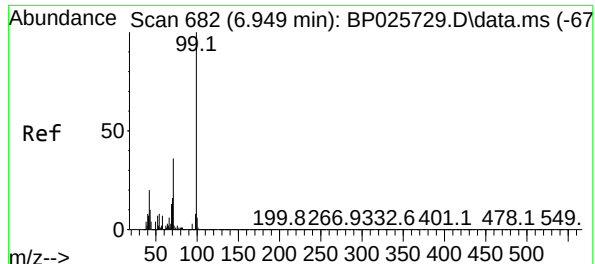
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 44.373 ng
RT: 7.096 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 93 Resp: 725768
Ion Ratio Lower Upper
93 100
66 41.8 32.6 49.0
65 21.7 16.2 24.2





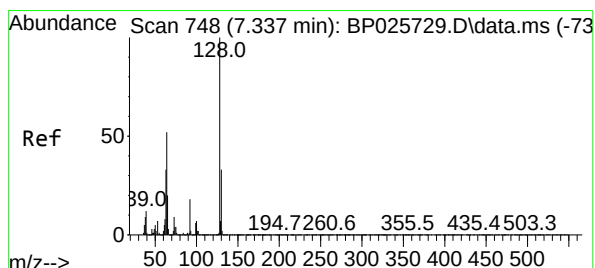
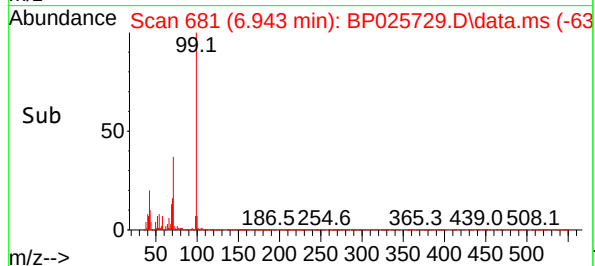
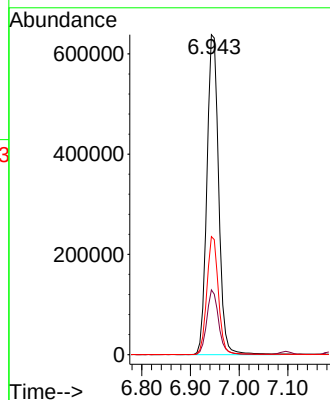
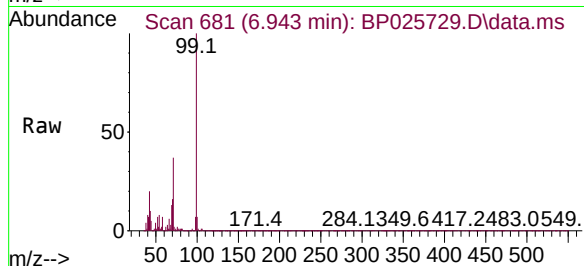
#7
Phenol-d6
Concen: 90.359 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion: 99 Resp: 1076622
Ion Ratio Lower Upper
99 100
42 20.2 15.6 23.4
71 36.9 28.6 43.0

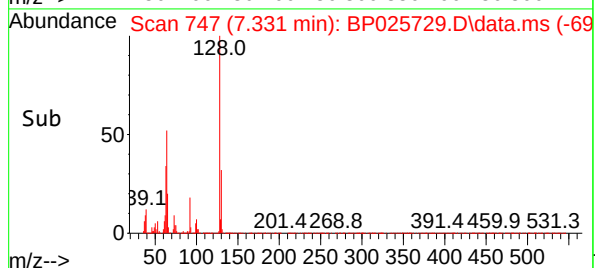
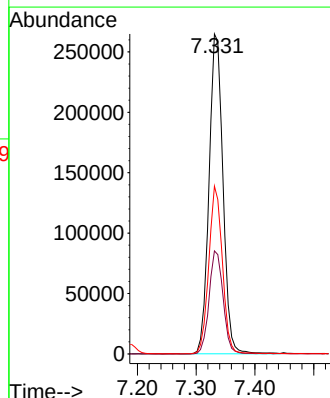
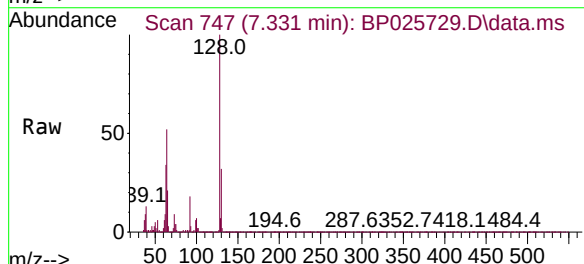
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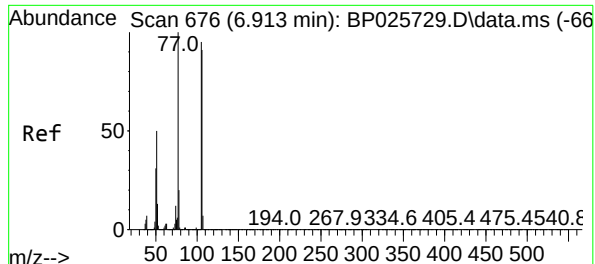
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#8
2-Chlorophenol
Concen: 44.368 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

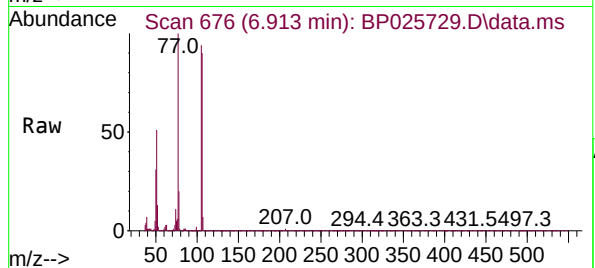
Tgt Ion:128 Resp: 436310
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 52.4 31.6 71.6





#9
Benzaldehyde
Concen: 35.491 ng m
RT: 6.913 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

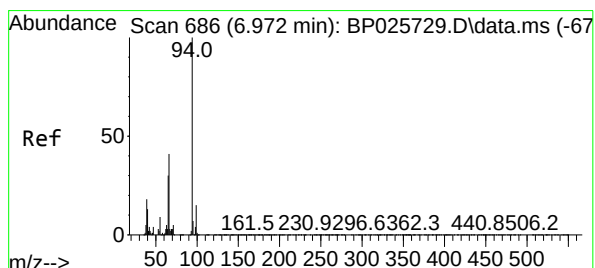
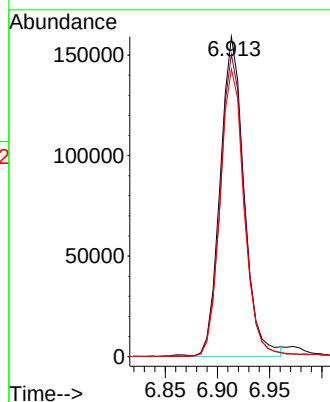
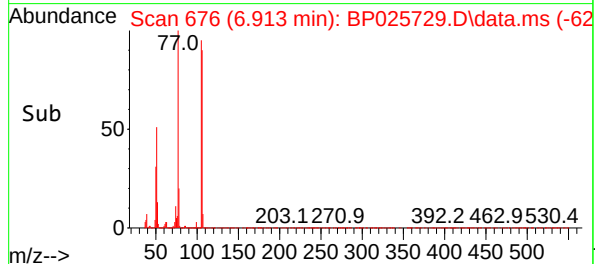
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 253178
Ion Ratio Lower Upper
77 100
105 94.5 75.2 115.2
106 89.8 71.3 111.3

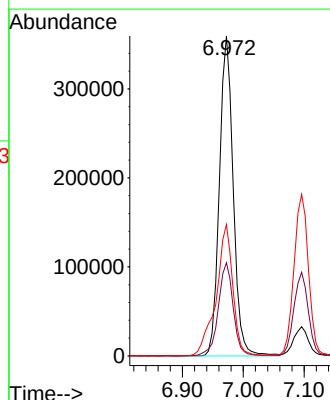
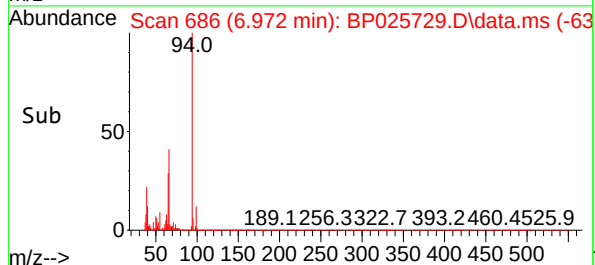
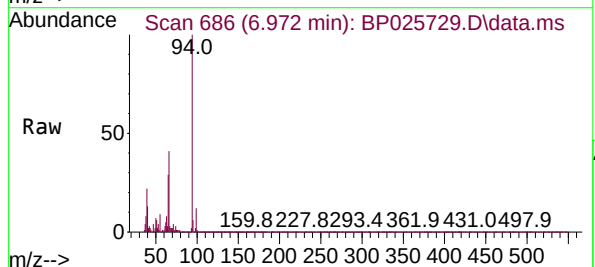
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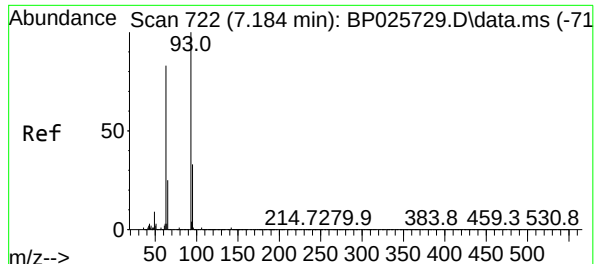
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 45.227 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 94 Resp: 568213
Ion Ratio Lower Upper
94 100
65 29.1 10.2 50.2
66 41.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 44.575 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 93 Resp: 449932

Ion Ratio Lower Upper

93 100

63 81.5 62.6 102.6

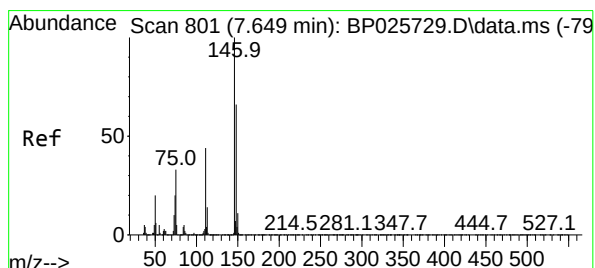
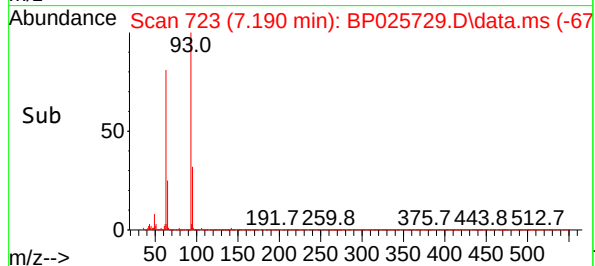
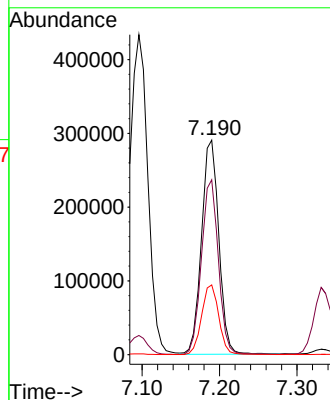
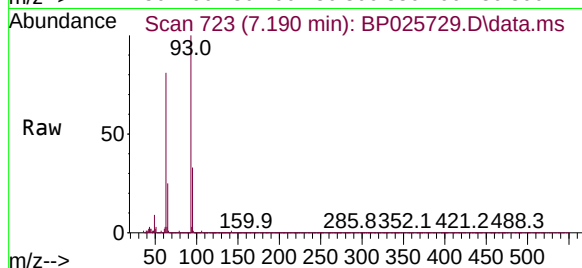
95 32.5 13.2 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 43.256 ng

RT: 7.649 min Scan# 801

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

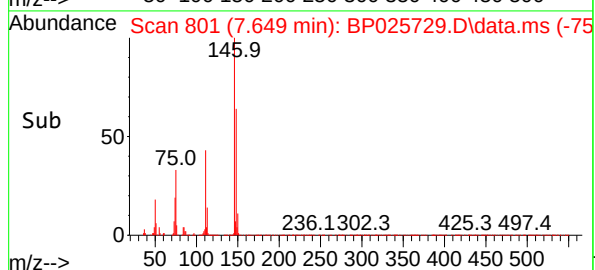
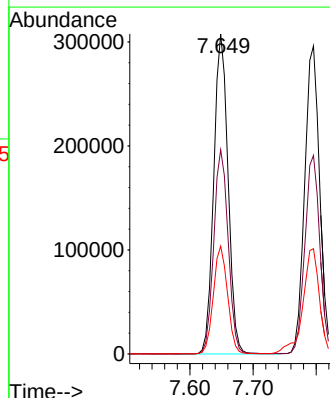
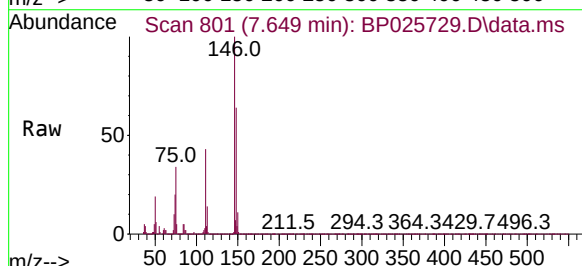
Tgt Ion:146 Resp: 484132

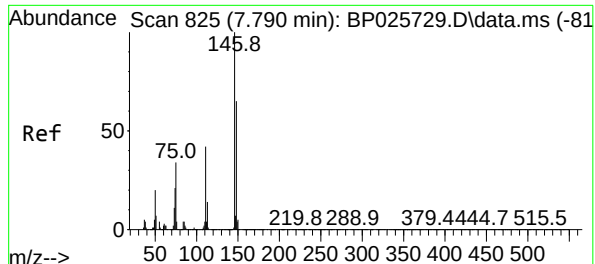
Ion Ratio Lower Upper

146 100

148 63.8 52.7 79.1

75 33.7 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 42.874 ng

RT: 7.796 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 48879

Ion Ratio Lower Upper

146 100

148 64.5 52.0 78.0

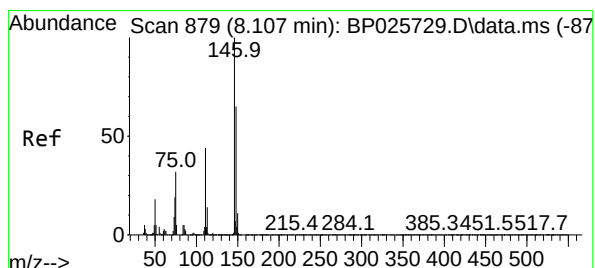
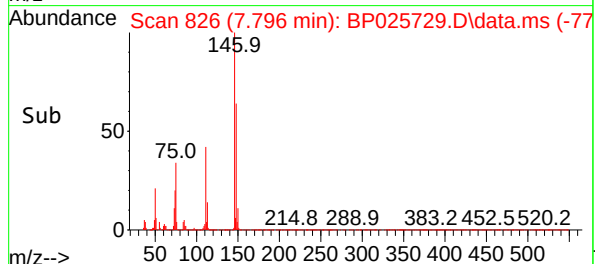
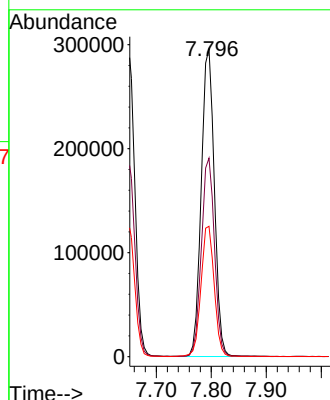
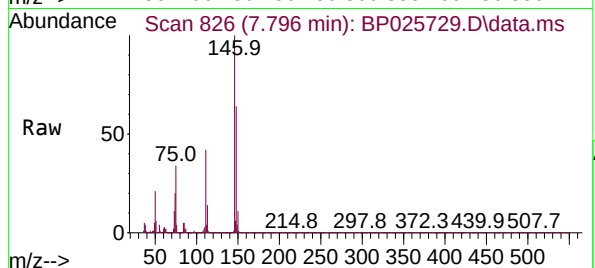
111 42.3 33.9 50.9

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 43.182 ng

RT: 8.107 min Scan# 879

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

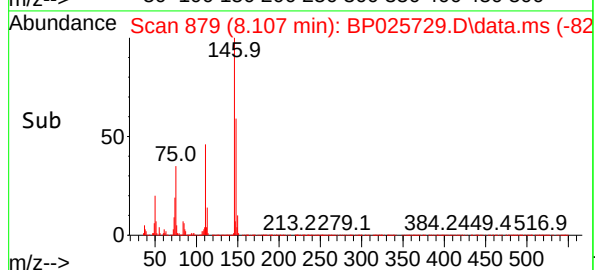
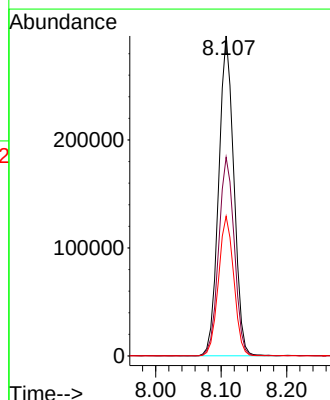
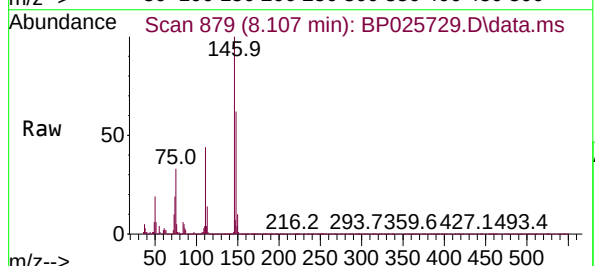
Tgt Ion:146 Resp: 478270

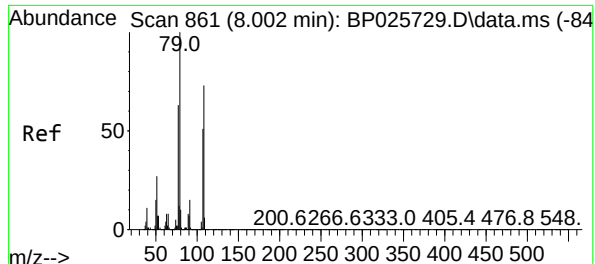
Ion Ratio Lower Upper

146 100

148 62.1 51.7 77.5

111 43.6 35.5 53.3





#15

Benzyl Alcohol

Concen: 44.371 ng

RT: 8.002 min Scan# 861

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 79 Resp: 436860

Ion Ratio Lower Upper

79 100

108 74.1 58.7 88.1

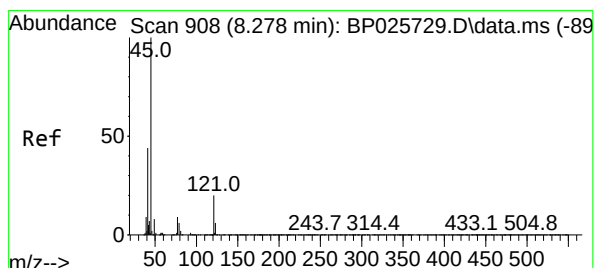
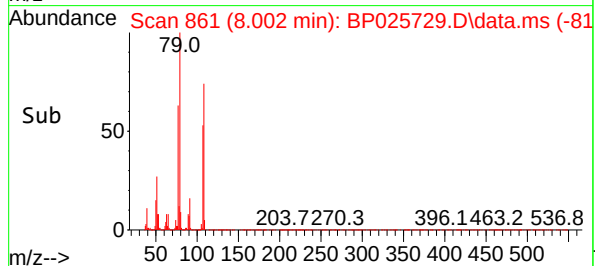
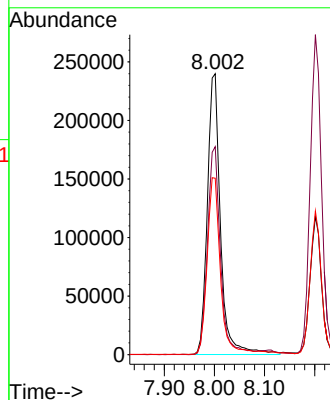
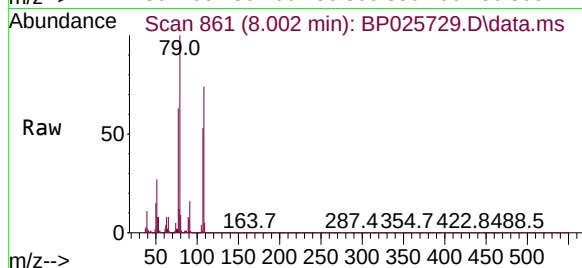
77 62.8 50.2 75.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.691 ng

RT: 8.278 min Scan# 908

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

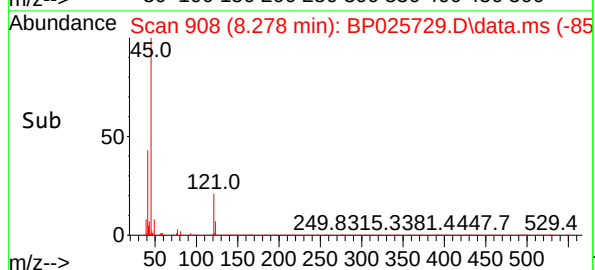
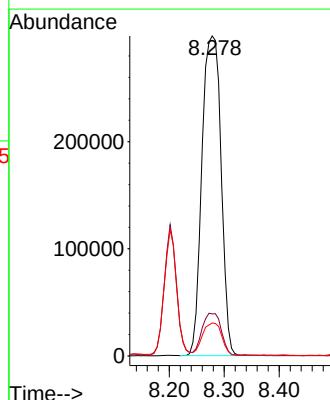
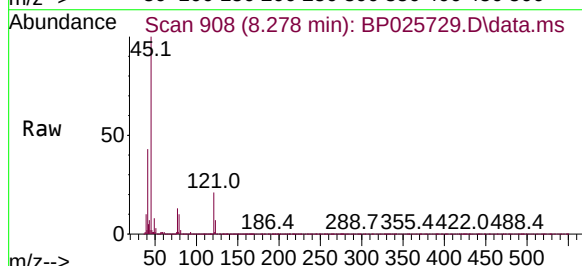
Tgt Ion: 45 Resp: 721206

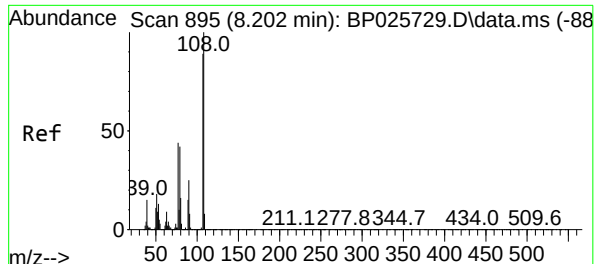
Ion Ratio Lower Upper

45 100

77 13.1 0.0 33.1

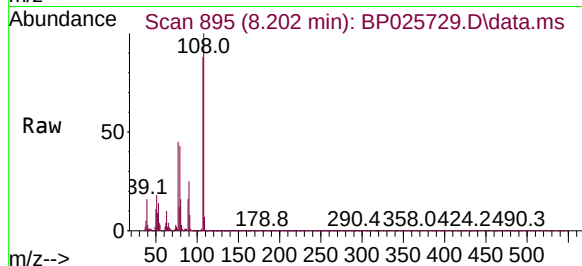
79 10.3 0.0 30.0





#17
2-Methylphenol
Concen: 45.040 ng
RT: 8.202 min Scan# 895
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

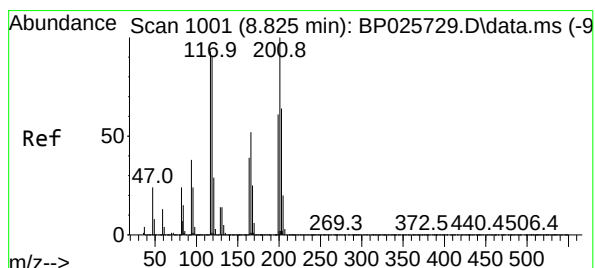
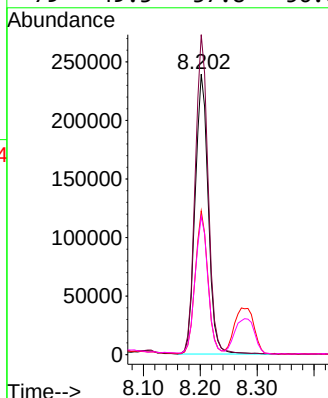
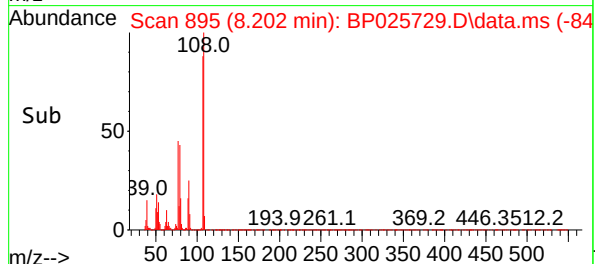
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



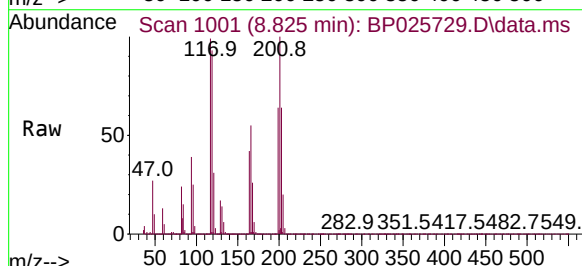
Tgt Ion:107 Resp: 381511
Ion Ratio Lower Upper
107 100
108 114.1 89.6 134.4
77 51.2 39.3 58.9
79 49.3 37.8 56.6

Manual Integrations
APPROVED

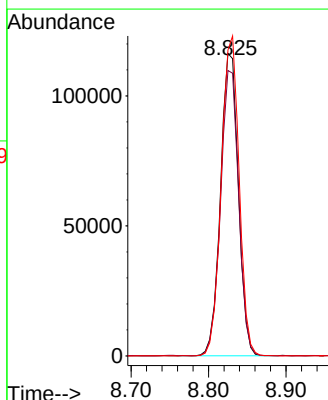
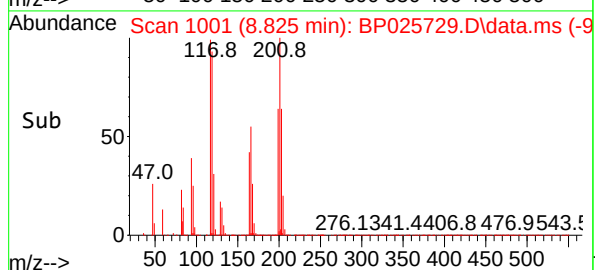
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

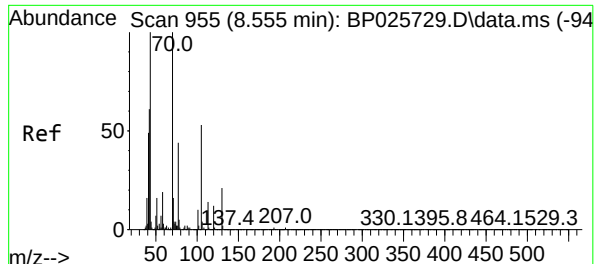


#18
Hexachloroethane
Concen: 42.979 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21



Tgt Ion:117 Resp: 187163
Ion Ratio Lower Upper
117 100
119 94.3 77.1 115.7
201 101.1 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 46.485 ng

RT: 8.554 min Scan# 91

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 381756

Ion Ratio Lower Upper

70 100

42 60.9 49.0 73.4

101 9.7 7.9 11.9

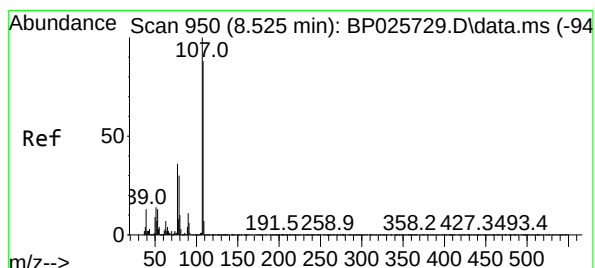
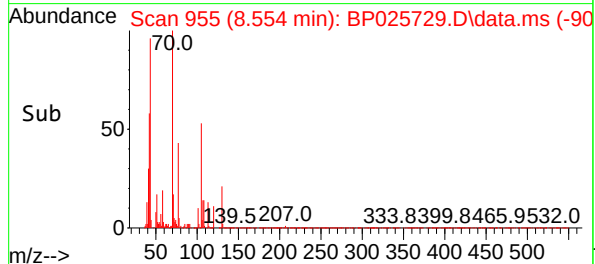
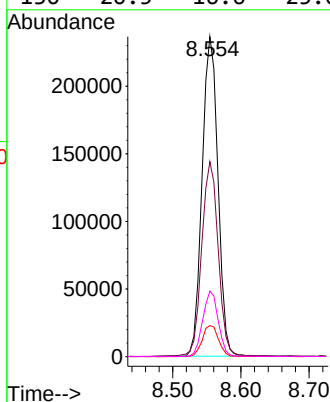
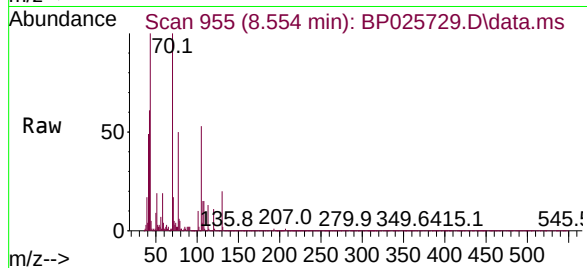
130 20.5 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 44.351 ng

RT: 8.525 min Scan# 950

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Tgt Ion:107 Resp: 526118

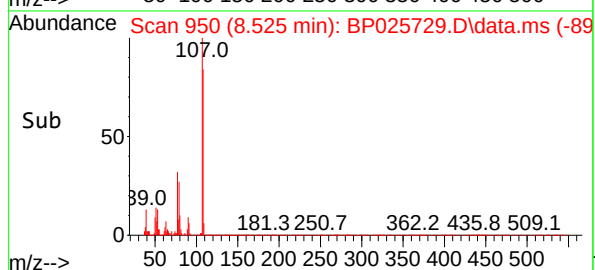
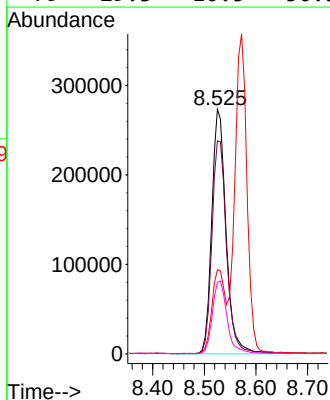
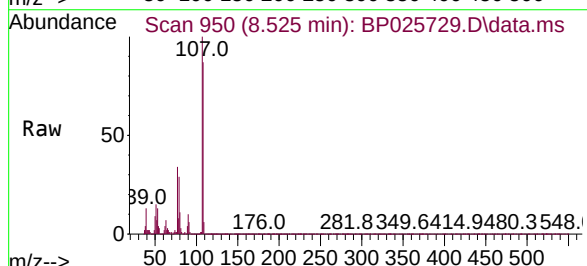
Ion Ratio Lower Upper

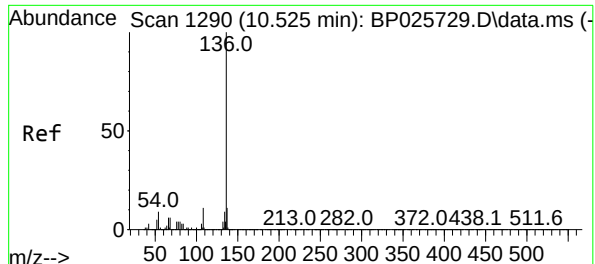
107 100

108 87.1 67.8 107.8

77 34.3 16.1 56.1

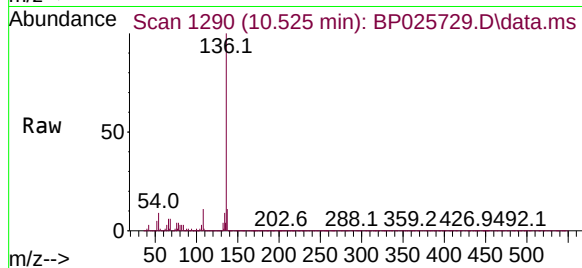
79 29.3 10.5 50.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

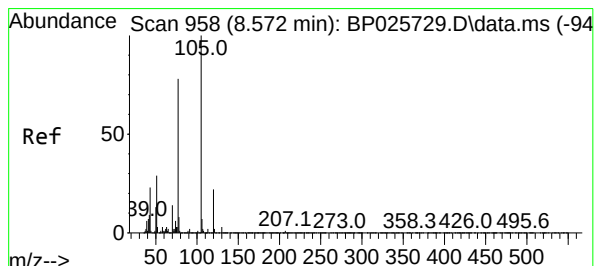
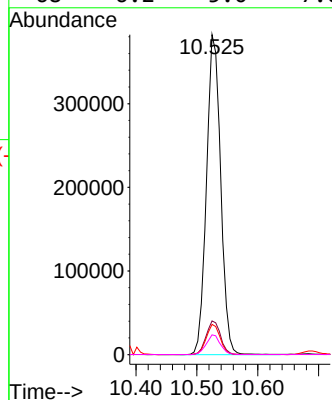
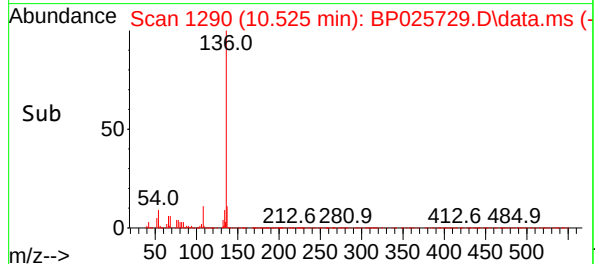
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:136 Resp: 617318
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.4 7.5 11.3
68 6.2 5.0 7.6

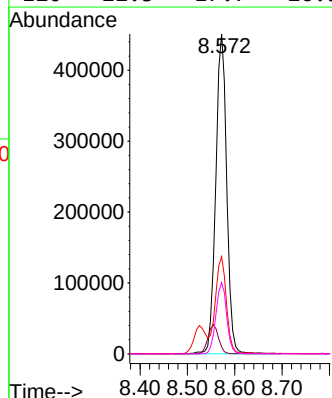
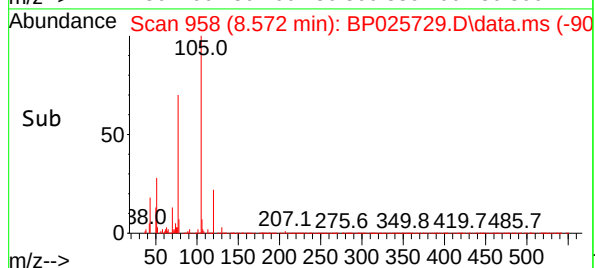
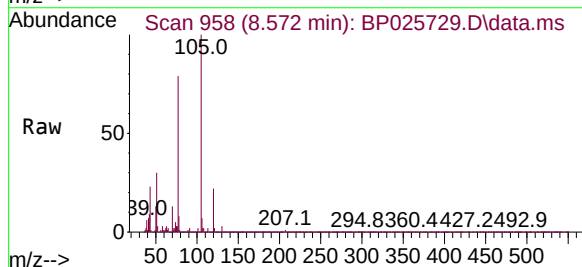
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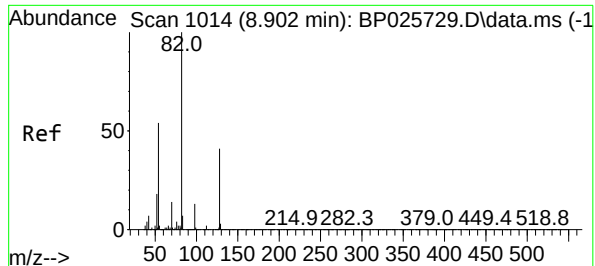
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#22
Acetophenone
Concen: 44.034 ng
RT: 8.572 min Scan# 958
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

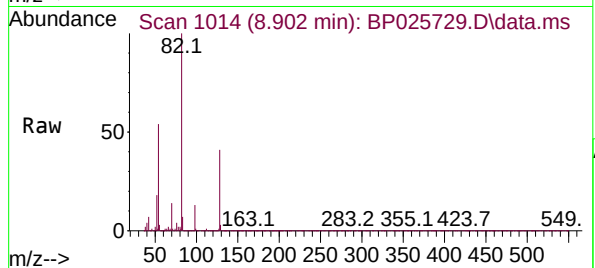
Tgt Ion:105 Resp: 726426
Ion Ratio Lower Upper
105 100
71 2.2 1.8 2.8
51 30.4 23.5 35.3
120 22.3 17.7 26.5





#23
Nitrobenzene-d5
Concen: 87.524 ng
RT: 8.902 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

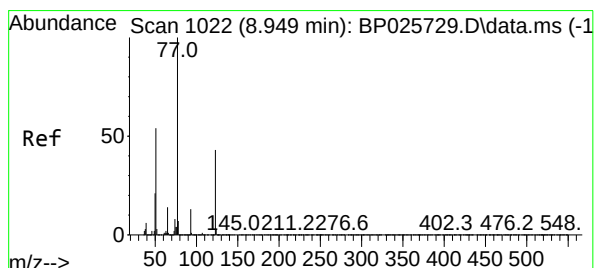
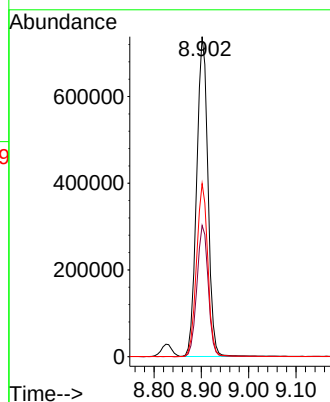
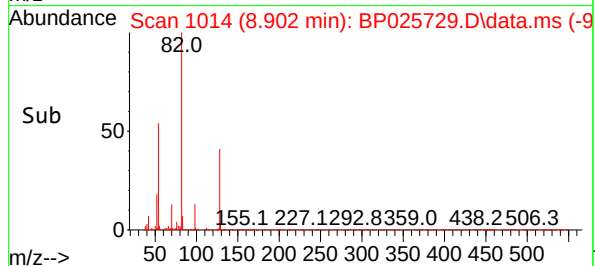
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 82 Resp: 1224876
Ion Ratio Lower Upper
82 100
128 41.0 32.9 49.3
54 54.1 43.4 65.2

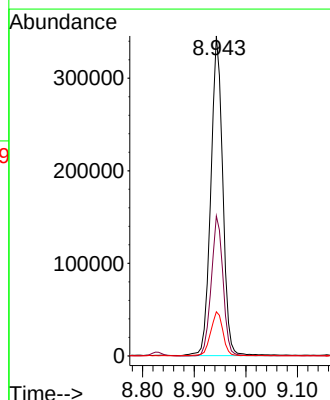
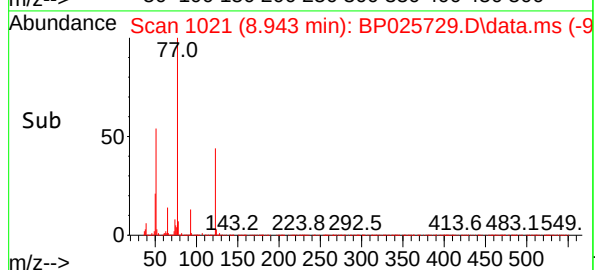
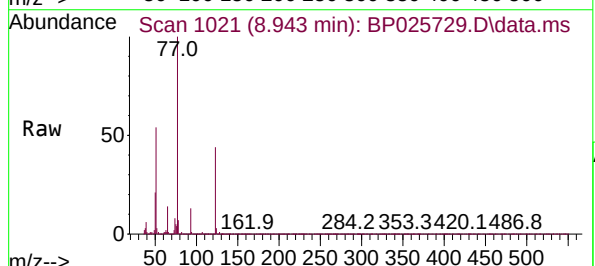
Manual Integrations
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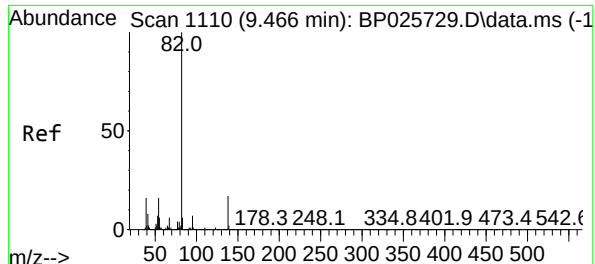
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#24
Nitrobenzene
Concen: 44.142 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

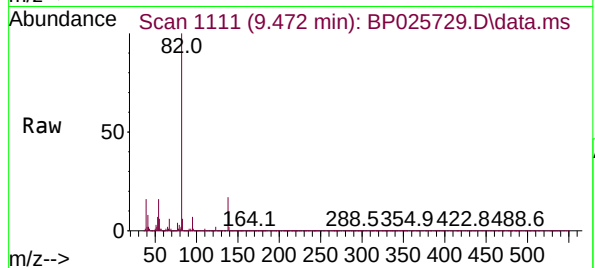
Tgt Ion: 77 Resp: 554186
Ion Ratio Lower Upper
77 100
123 43.7 34.4 51.6
65 13.8 10.8 16.2





#25
Isophorone
Concen: 43.173 ng
RT: 9.472 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

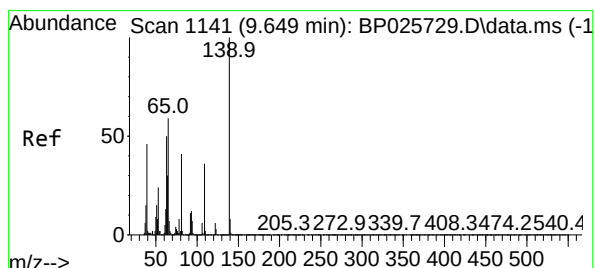
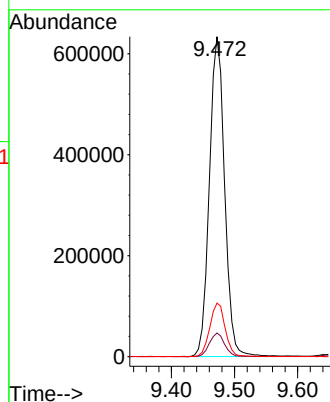
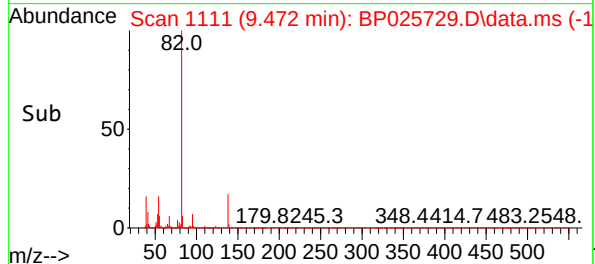
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



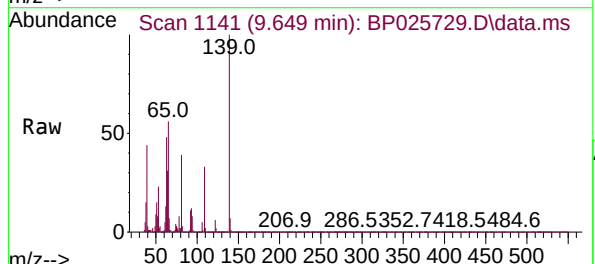
Tgt Ion: 82 Resp: 1061978
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 16.7 13.5 20.3

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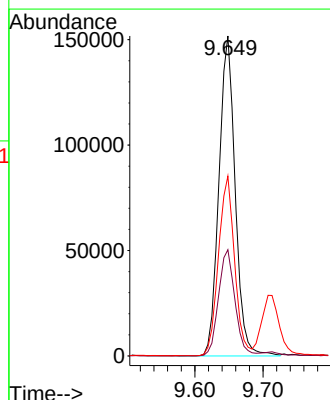
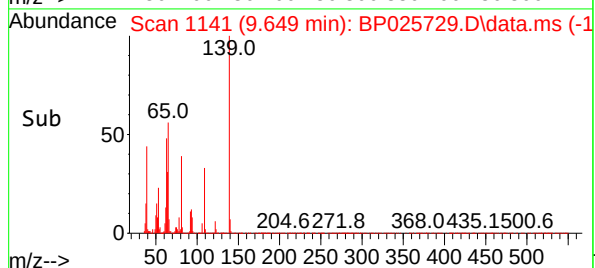
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

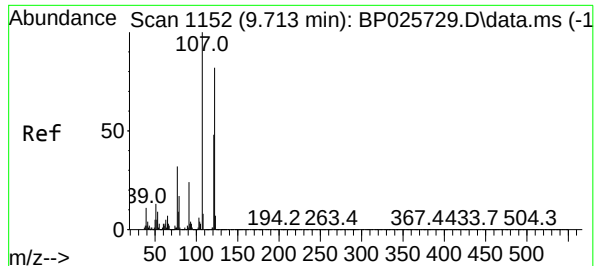


#26
2-Nitrophenol
Concen: 44.885 ng
RT: 9.649 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21



Tgt Ion:139 Resp: 250189
Ion Ratio Lower Upper
139 100
109 33.2 29.0 43.4
65 56.2 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 44.957 ng

RT: 9.713 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:122 Resp: 439626

Ion Ratio Lower Upper

122 100

107 120.0 97.9 146.9

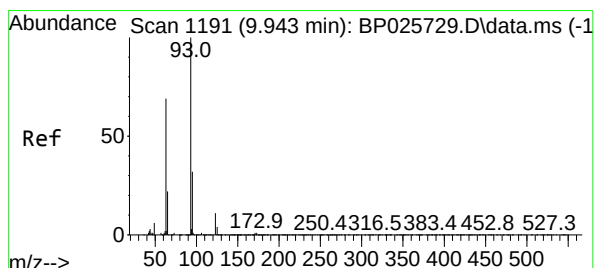
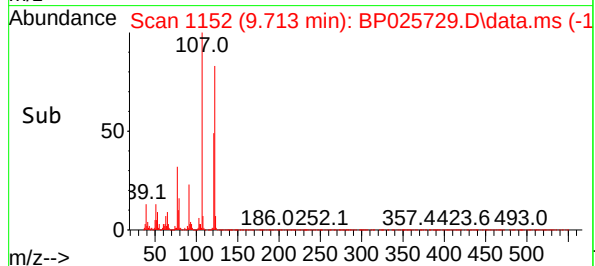
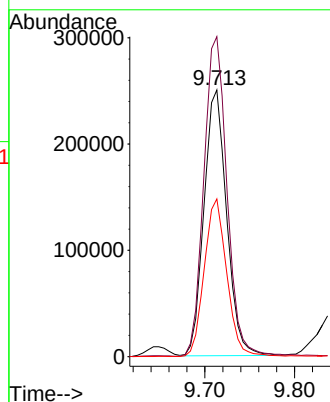
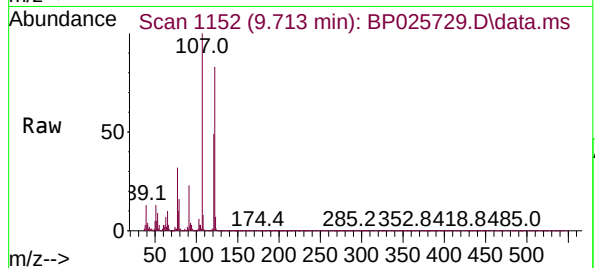
121 59.1 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.278 ng

RT: 9.937 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

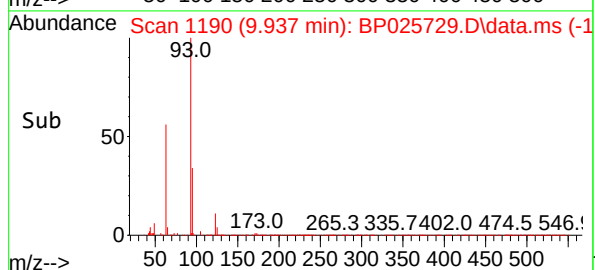
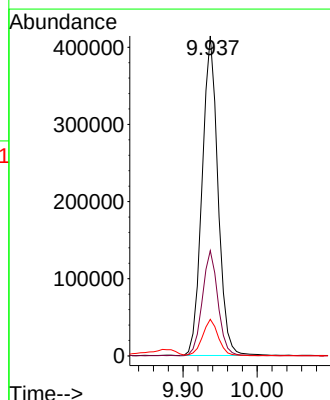
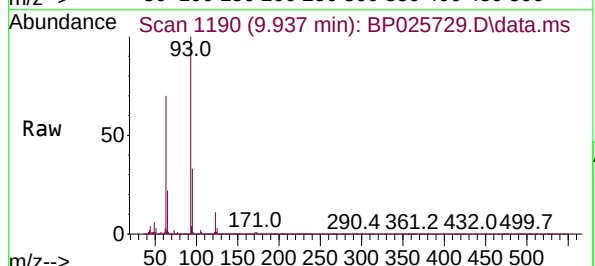
Tgt Ion: 93 Resp: 615359

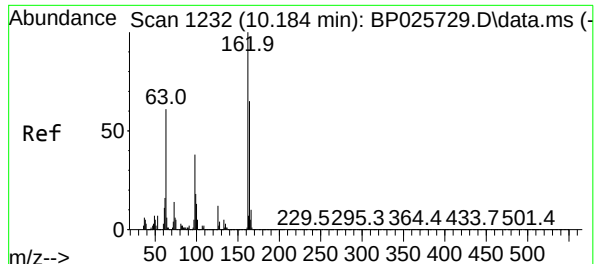
Ion Ratio Lower Upper

93 100

95 32.9 25.6 38.4

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.201 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 430954

Ion Ratio Lower Upper

162 100

164 65.1 44.7 84.7

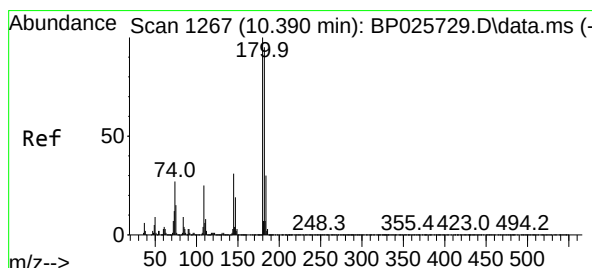
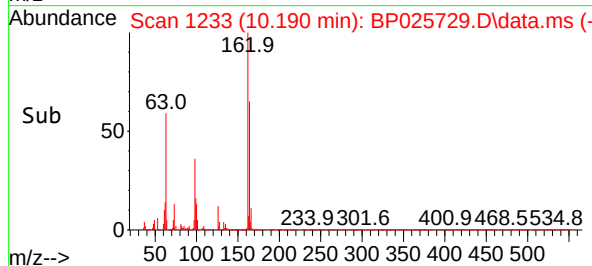
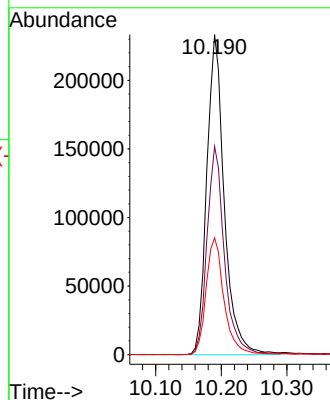
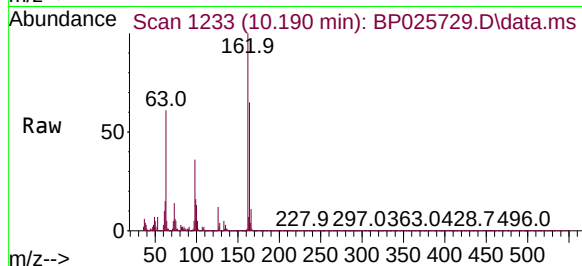
98 36.5 18.1 58.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 42.499 ng

RT: 10.396 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

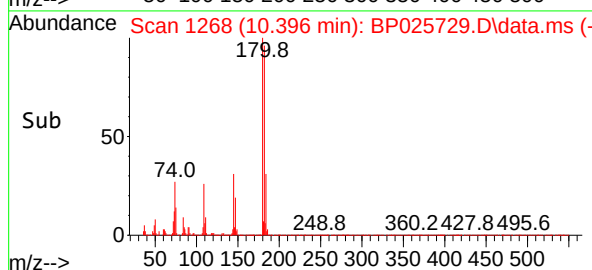
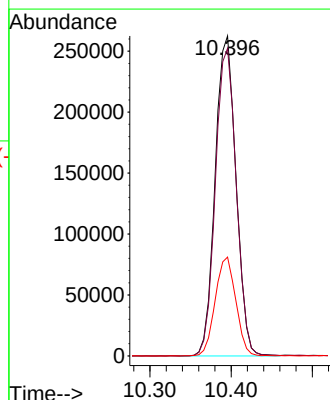
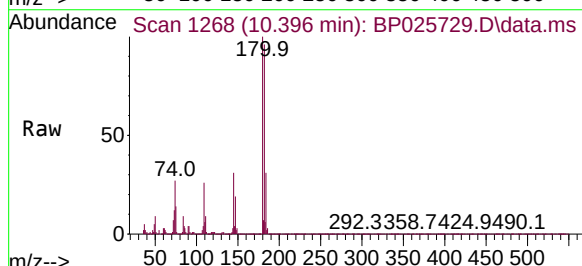
Tgt Ion:180 Resp: 466981

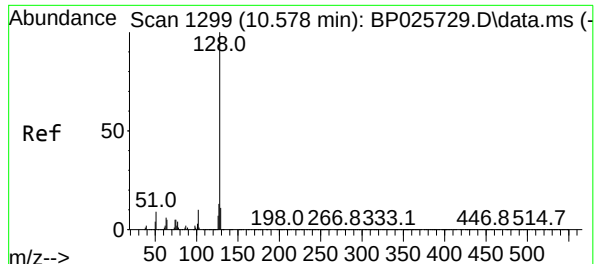
Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 30.9 24.7 37.1





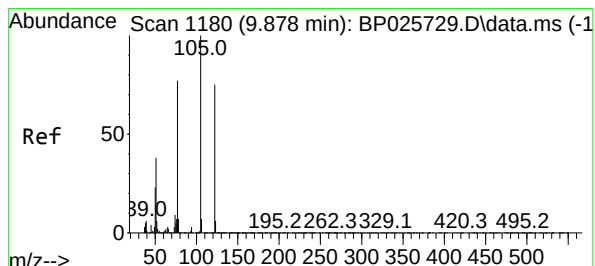
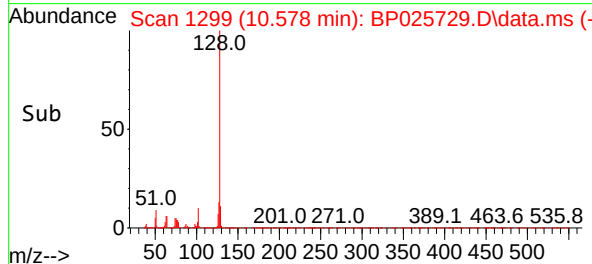
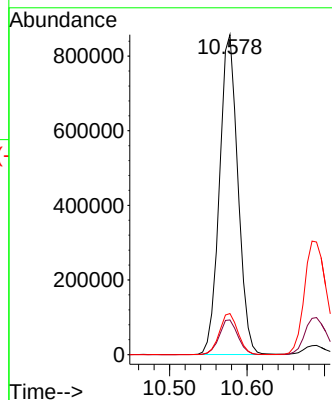
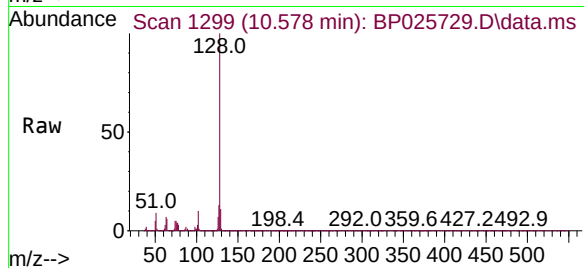
#31
Naphthalene
Concen: 42.548 ng
RT: 10.578 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:128 Resp: 1416256
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.8 10.2 15.4

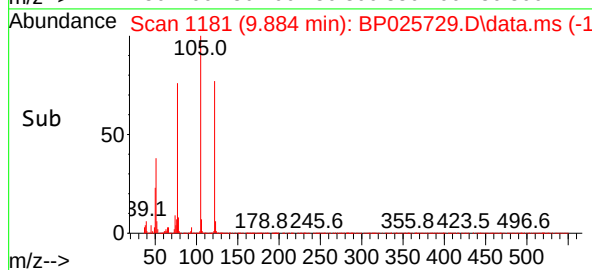
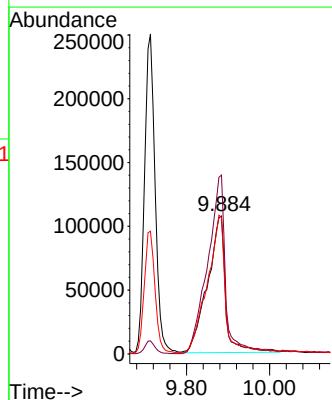
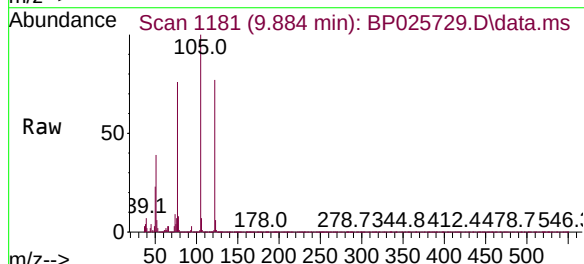
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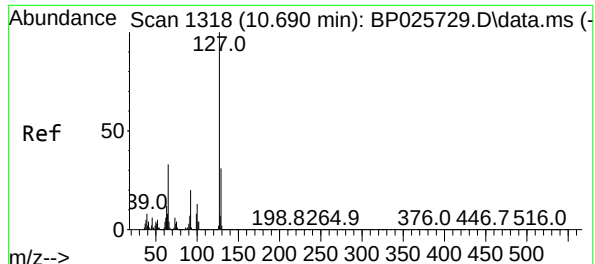
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 44.337 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

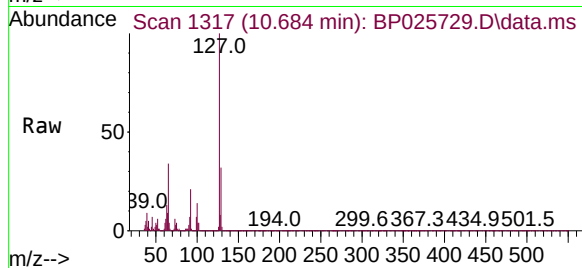
Tgt Ion:122 Resp: 322344
Ion Ratio Lower Upper
122 100
105 129.7 111.5 151.5
77 99.1 81.8 121.8





#33
4-Chloroaniline
Concen: 45.380 ng
RT: 10.684 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

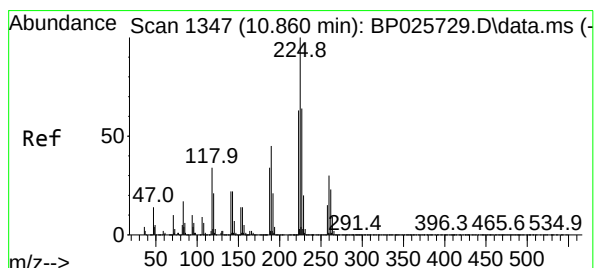
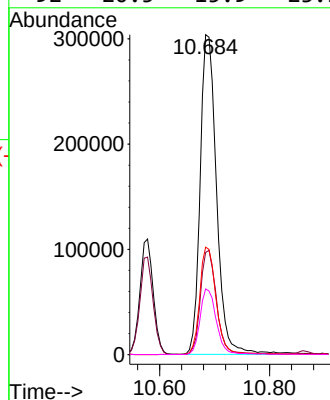
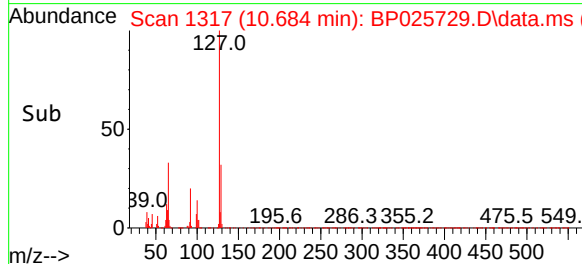
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:127 Resp: 629600
Ion Ratio Lower Upper
127 100
129 31.9 25.1 37.7
65 33.6 26.4 39.6
92 20.5 15.9 23.9

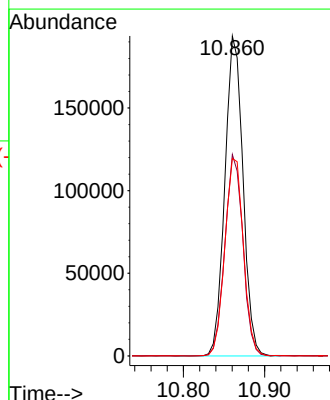
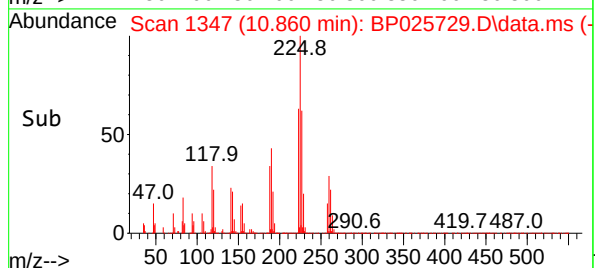
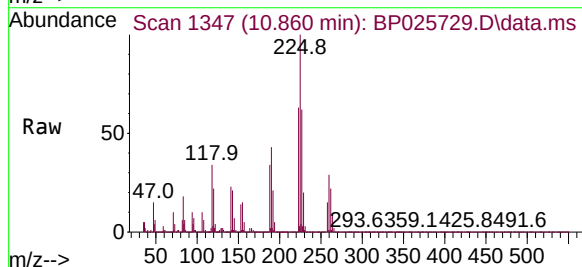
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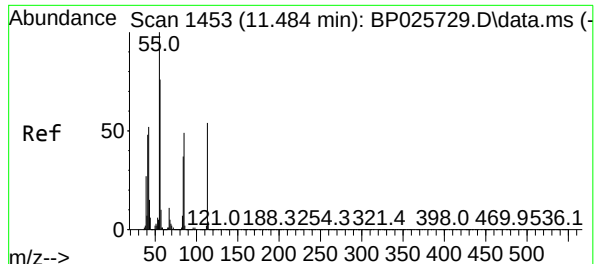
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 42.296 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:225 Resp: 299180
Ion Ratio Lower Upper
225 100
223 62.9 50.1 75.1
227 61.7 51.2 76.8





#35

Caprolactam

Concen: 43.455 ng

RT: 11.490 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:113 Resp: 162983

Ion Ratio Lower Upper

113 100

55 185.3 165.5 205.5

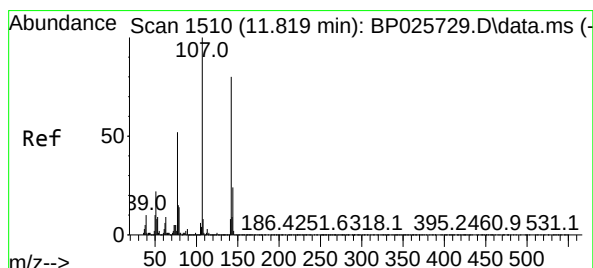
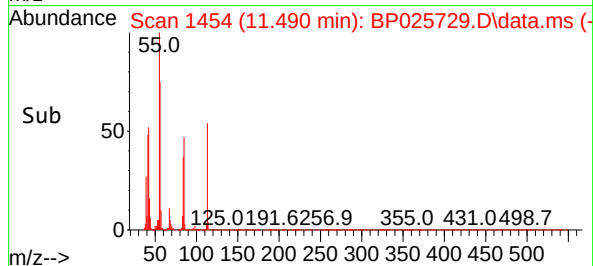
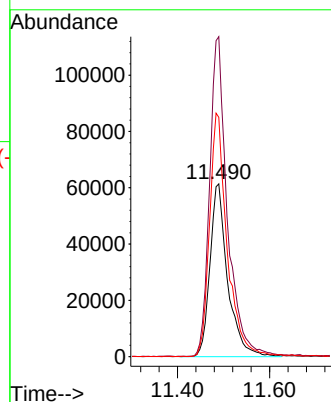
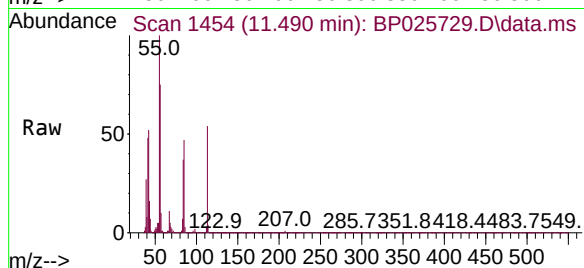
56 138.5 121.1 161.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#36

4-Chloro-3-methylphenol

Concen: 44.012 ng

RT: 11.825 min Scan# 1511

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

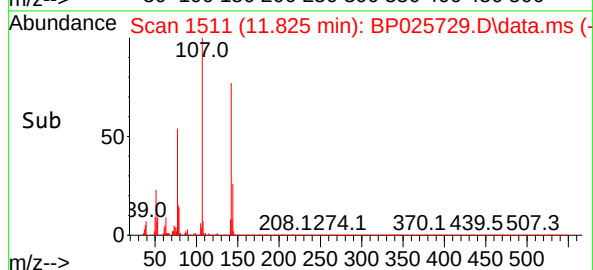
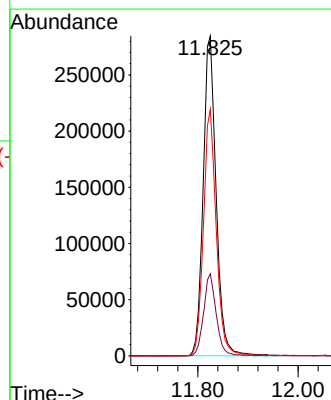
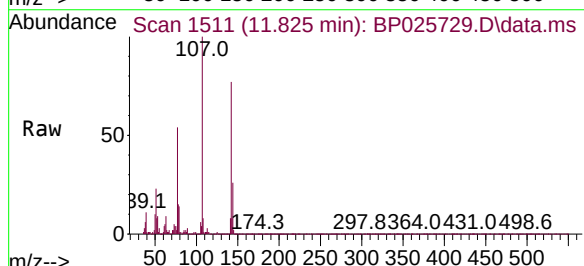
Tgt Ion:107 Resp: 511595

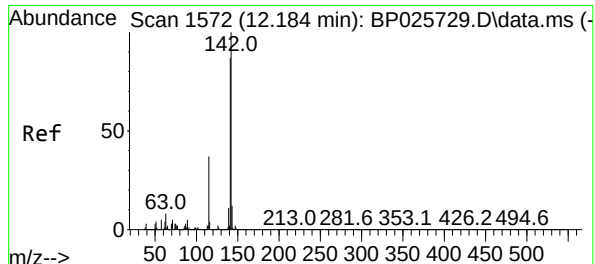
Ion Ratio Lower Upper

107 100

144 25.7 19.4 29.2

142 77.1 63.8 95.6





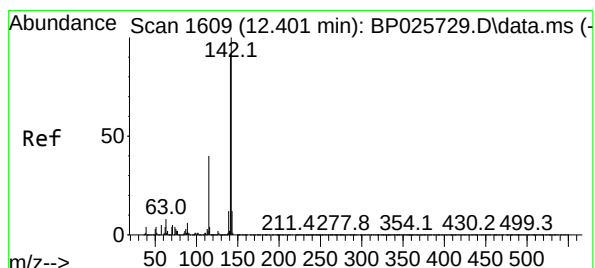
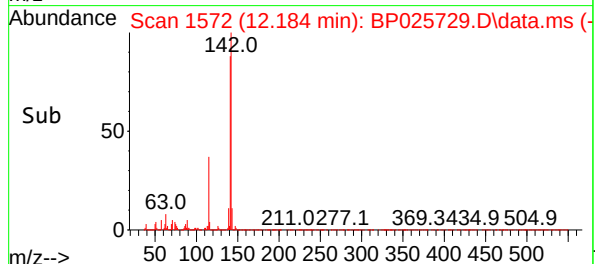
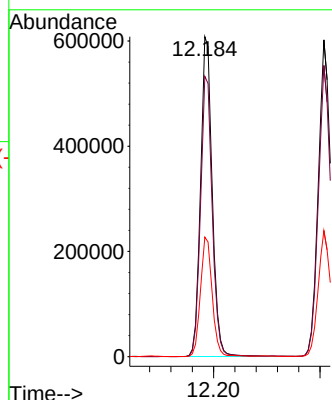
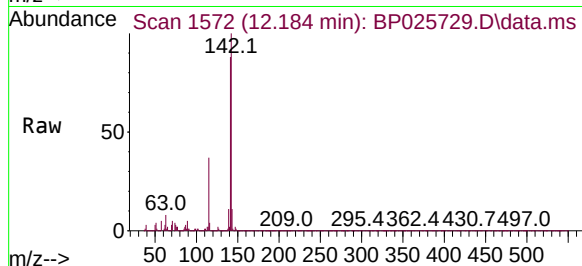
#37
2-Methylnaphthalene
Concen: 43.164 ng
RT: 12.184 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
Client Sample Id :
SSTDICCC040

Tgt Ion:142 Resp: 922799
Ion Ratio Lower Upper
142 100
141 87.6 69.6 104.4
115 37.3 30.0 45.0

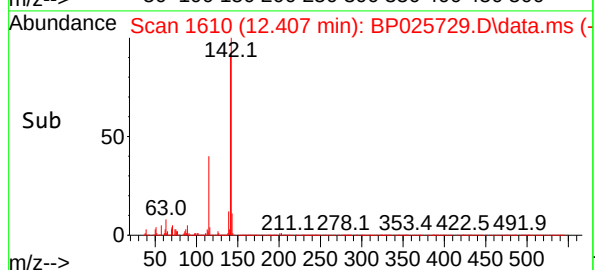
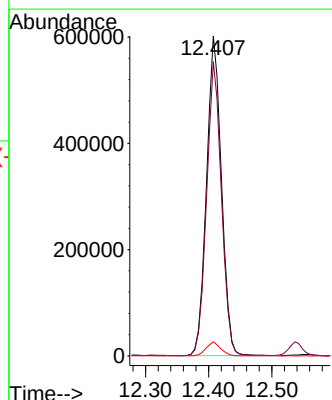
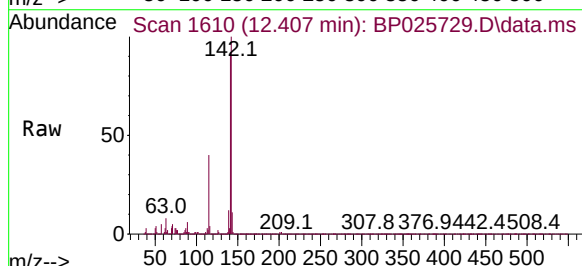
Manual Integrations
APPROVED

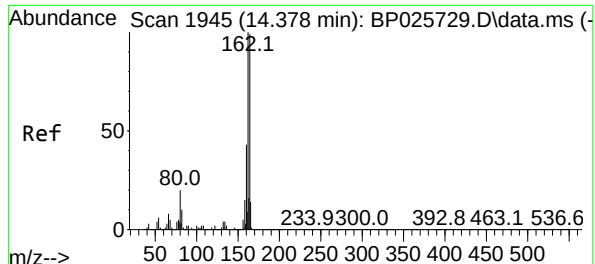
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 43.302 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

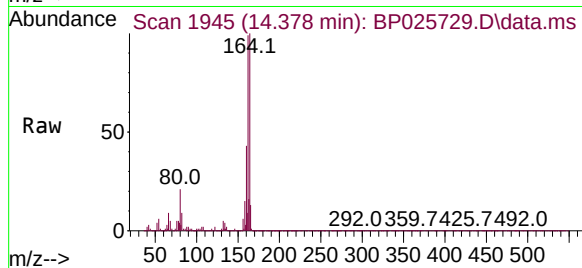
Tgt Ion:142 Resp: 987208
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1
116 4.4 3.5 5.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

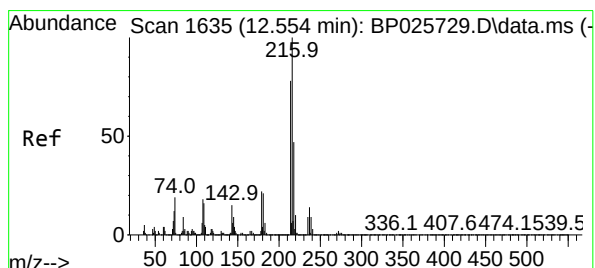
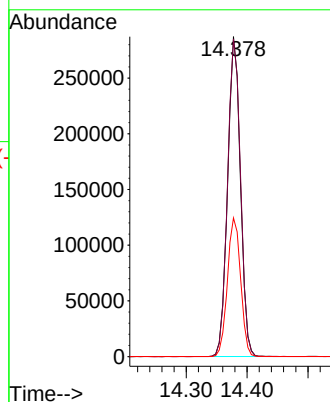
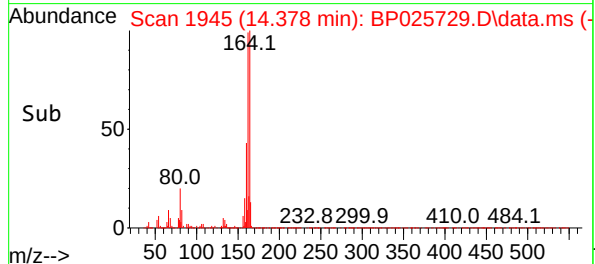
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



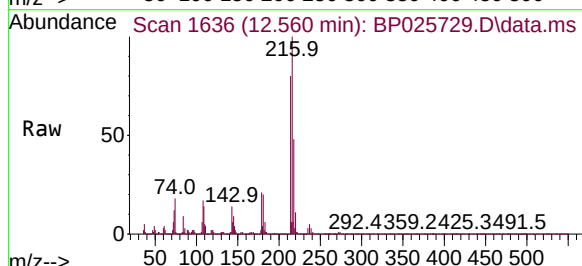
Tgt Ion:164 Resp: 41812
Ion Ratio Lower Upper
164 100
162 99.3 80.6 120.8
160 43.3 35.0 52.6

Manual Integrations
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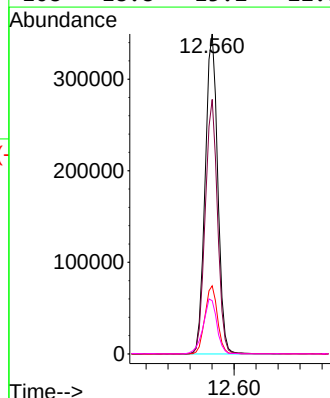
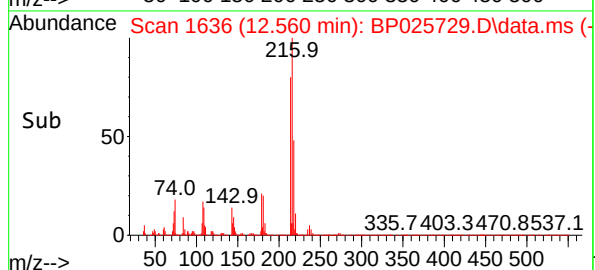
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

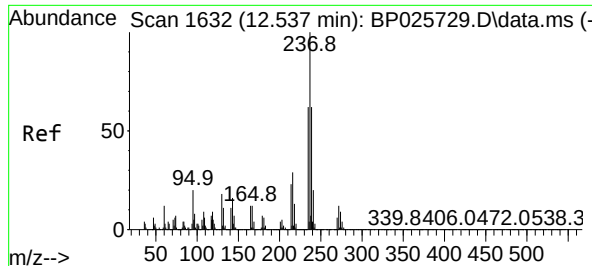


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.550 ng
RT: 12.560 min Scan# 1636
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21



Tgt Ion:216 Resp: 551785
Ion Ratio Lower Upper
216 100
214 78.0 62.4 93.6
179 21.3 17.0 25.6
108 18.8 15.2 22.8





#41

Hexachlorocyclopentadiene

Concen: 46.055 ng

RT: 12.537 min Scan# 10

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:237 Resp: 31781

Ion Ratio Lower Upper

237 100

235 62.4 41.9 81.9

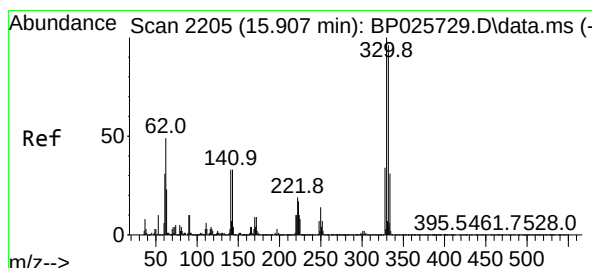
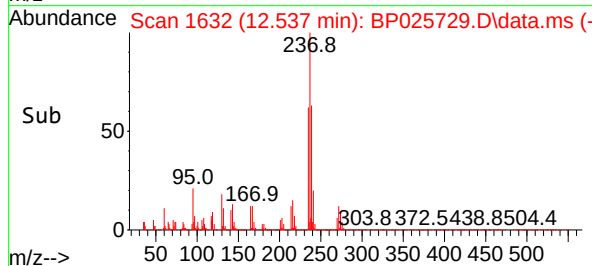
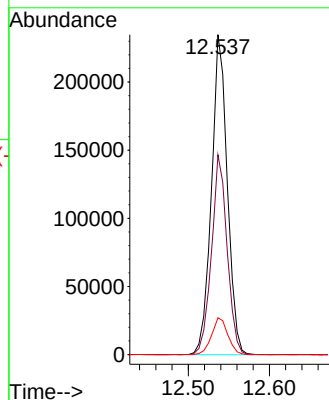
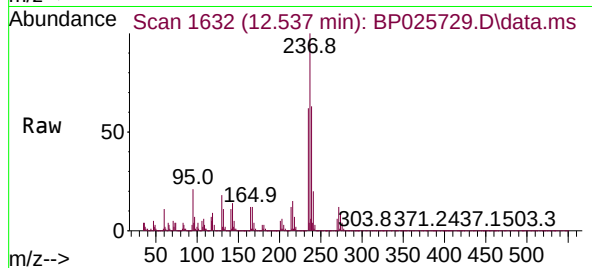
272 11.5 0.0 31.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#42

2,4,6-Tribromophenol

Concen: 88.699 ng

RT: 15.895 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

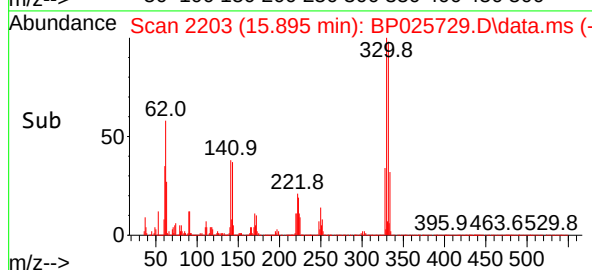
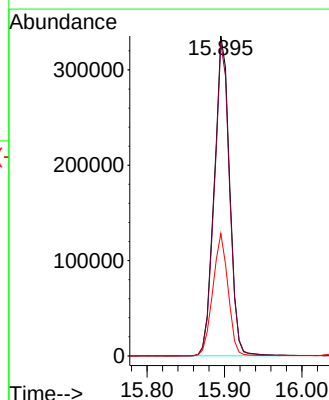
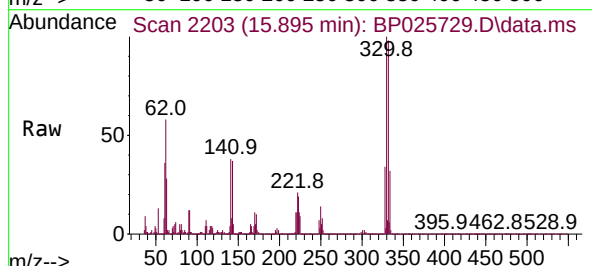
Tgt Ion:330 Resp: 462583

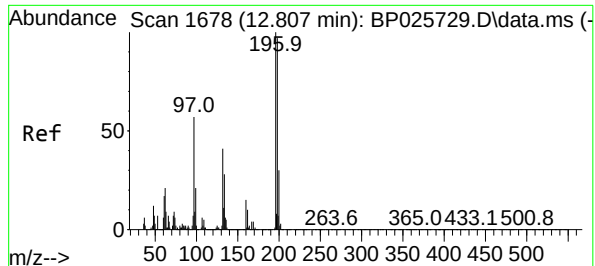
Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 38.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 44.726 ng

RT: 12.801 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:196 Resp: 372542

Ion Ratio Lower Upper

196 100

198 97.7 77.2 115.8

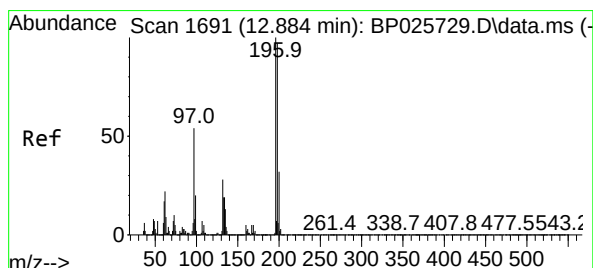
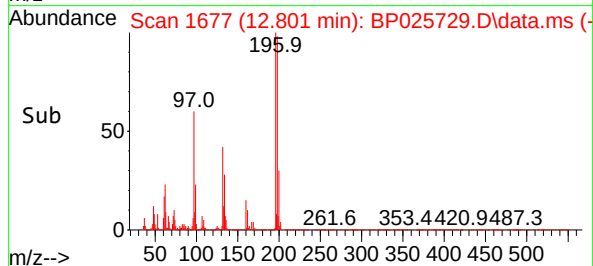
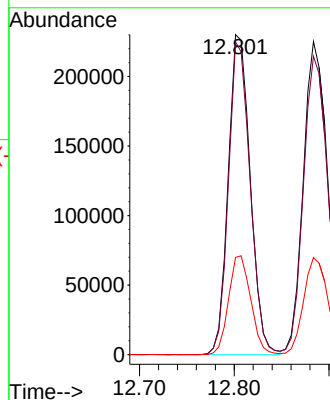
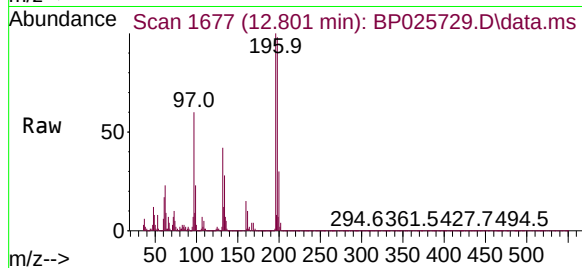
200 30.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 45.167 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Tgt Ion:196 Resp: 418700

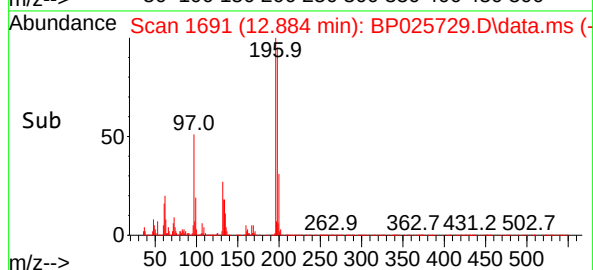
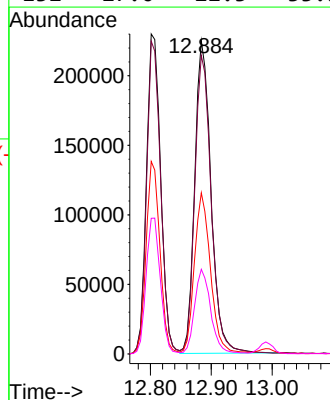
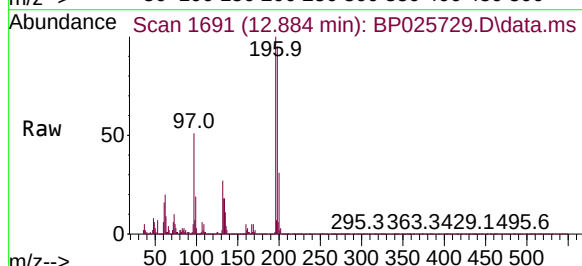
Ion Ratio Lower Upper

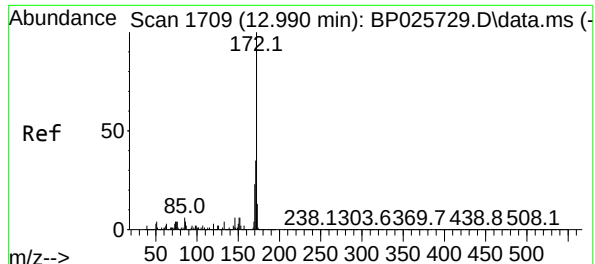
196 100

198 95.3 77.8 116.8

97 51.4 43.3 64.9

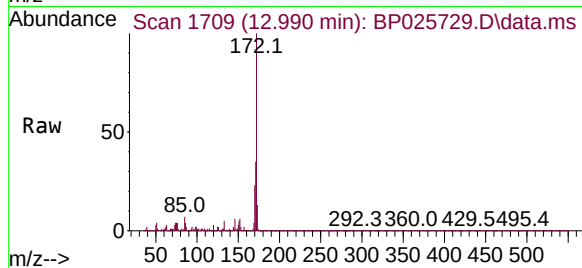
132 27.0 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 85.008 ng
RT: 12.990 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

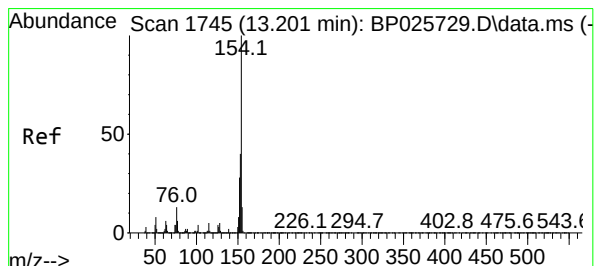
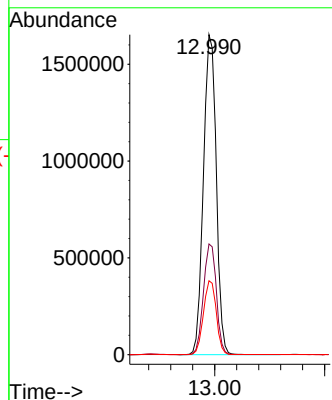
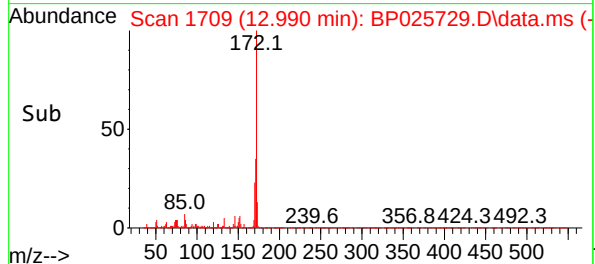
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:172 Resp: 2669440
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.1 18.6 27.8

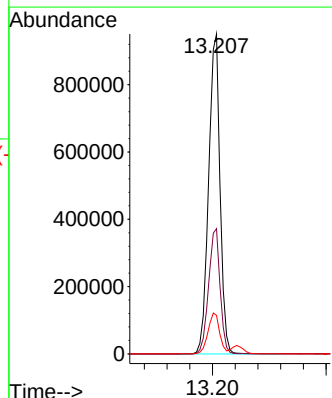
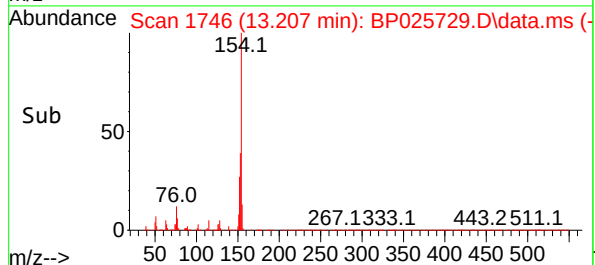
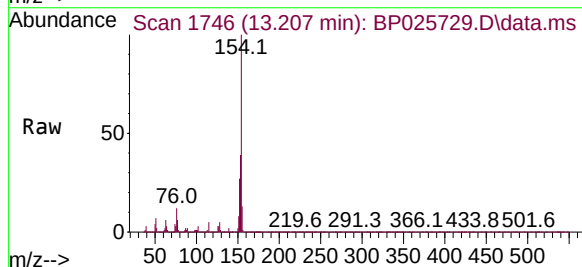
Manual Integrations
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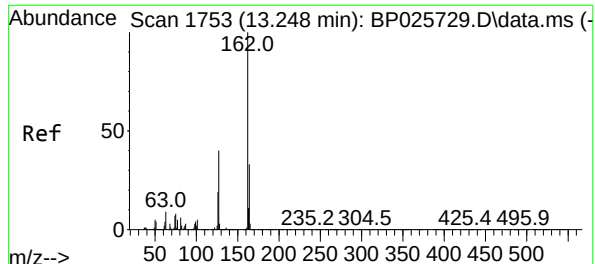
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#46
1,1'-Biphenyl
Concen: 43.254 ng
RT: 13.207 min Scan# 1746
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:154 Resp: 1327491
Ion Ratio Lower Upper
154 100
153 39.1 19.7 59.7
76 12.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 42.913 ng

RT: 13.242 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:162 Resp: 1037016

Ion Ratio Lower Upper

162 100

127 41.1 32.2 48.4

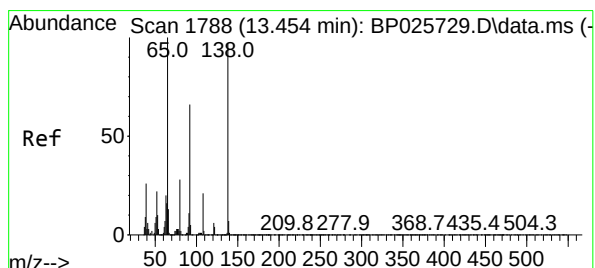
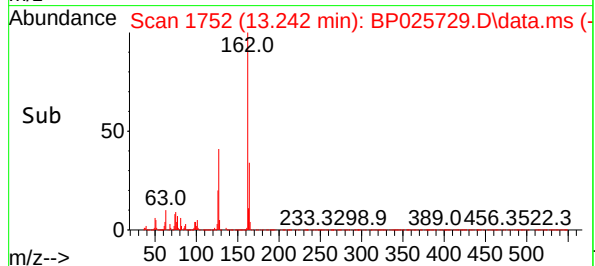
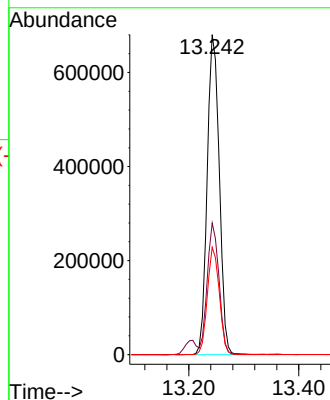
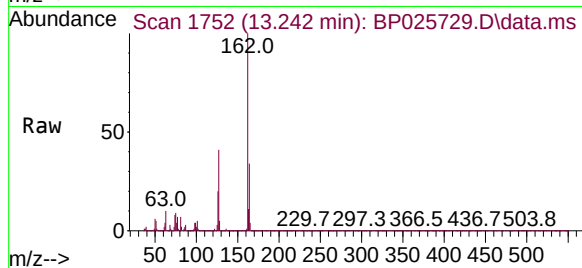
164 33.5 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 45.547 ng

RT: 13.454 min Scan# 1788

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

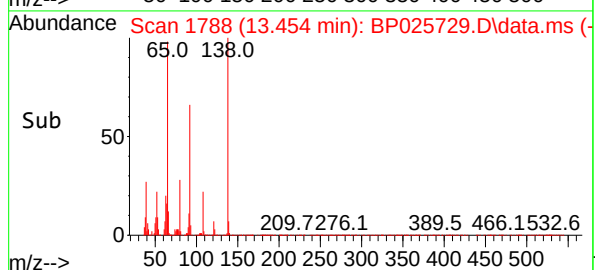
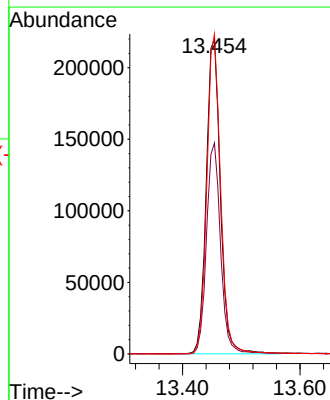
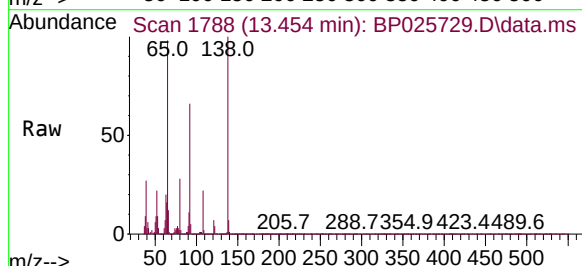
Tgt Ion: 65 Resp: 366901

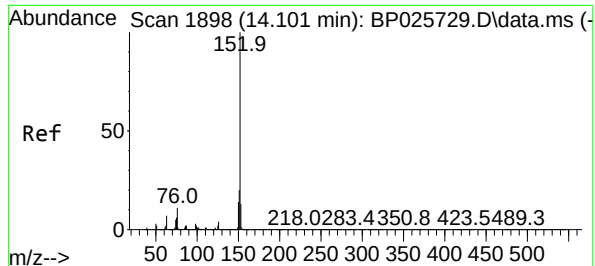
Ion Ratio Lower Upper

65 100

92 67.1 53.1 79.7

138 101.8 77.8 116.8





#49

Acenaphthylene

Concen: 42.987 ng

RT: 14.101 min Scan# 1898

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:152 Resp: 1721169

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

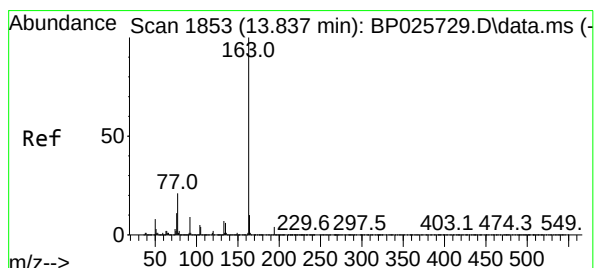
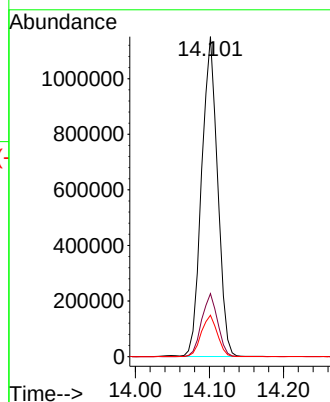
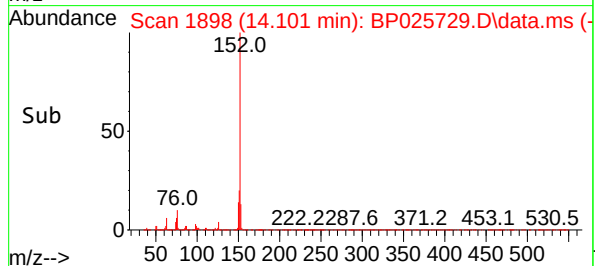
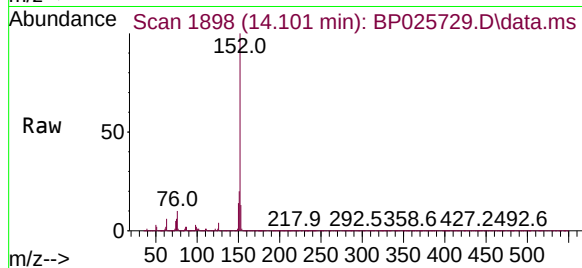
153 12.9 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 43.460 ng

RT: 13.837 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

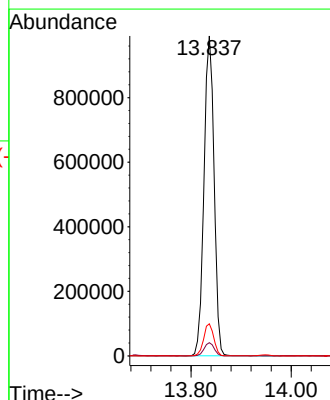
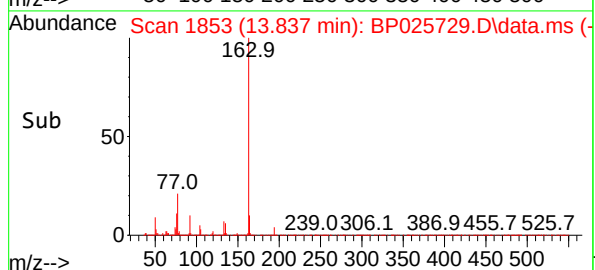
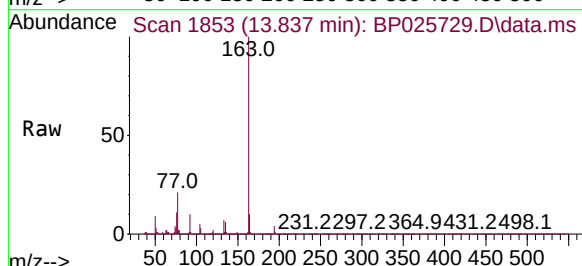
Tgt Ion:163 Resp: 1387323

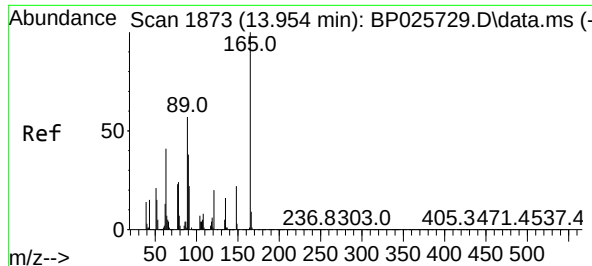
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.0 8.2 12.2





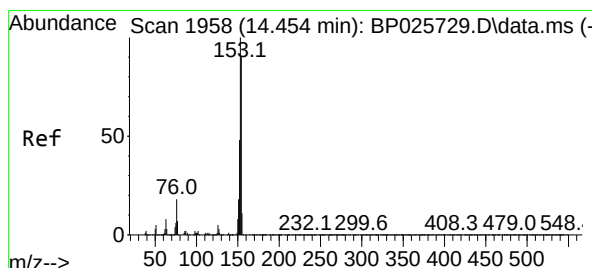
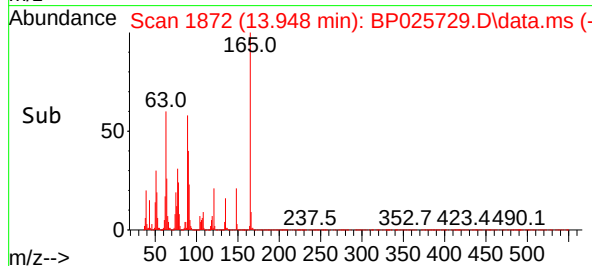
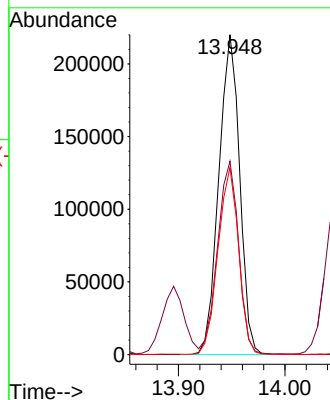
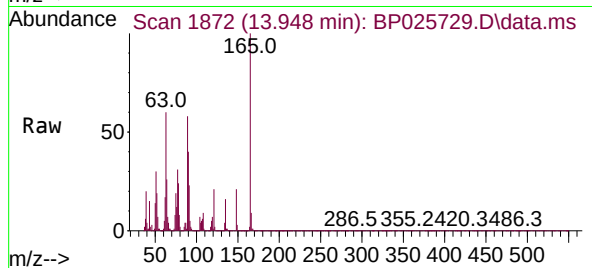
#51
2,6-Dinitrotoluene
Concen: 44.293 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 299565
Ion Ratio Lower Upper
165 100
63 60.4 48.1 72.1
89 58.5 45.4 68.0

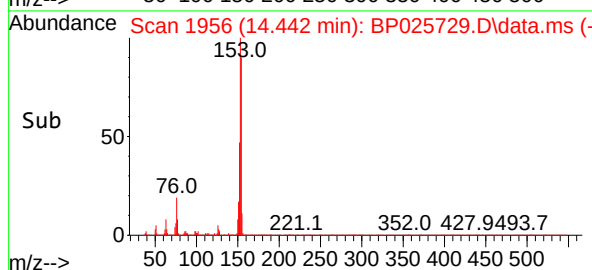
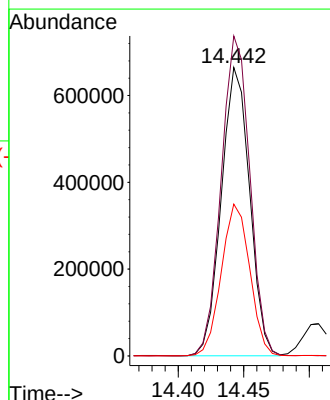
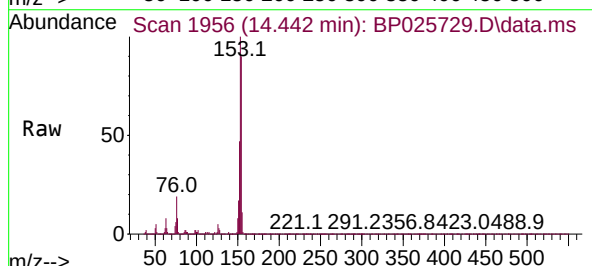
Manual Integrations
APPROVED

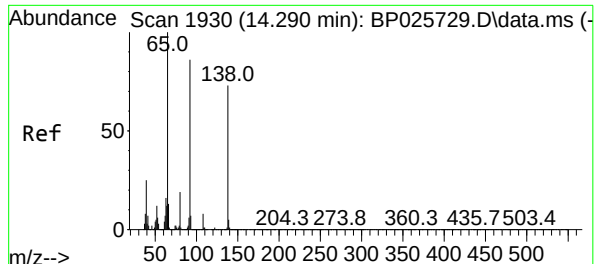
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 43.262 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

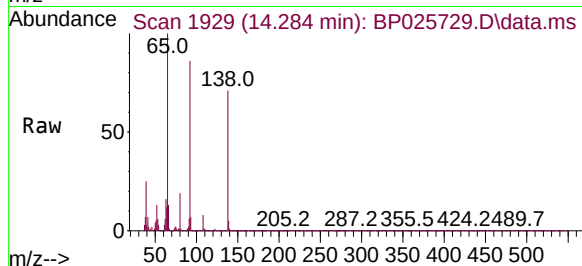
Tgt Ion:154 Resp: 998942
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 52.6 42.5 63.7





#53
3-Nitroaniline
Concen: 46.320 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

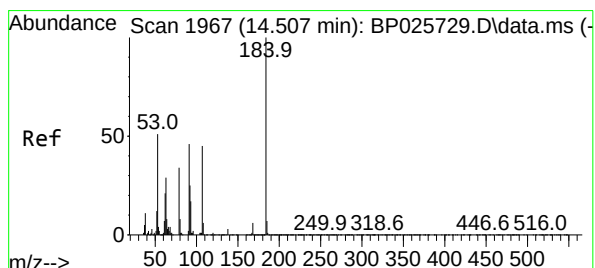
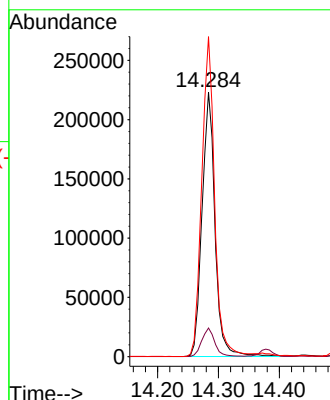
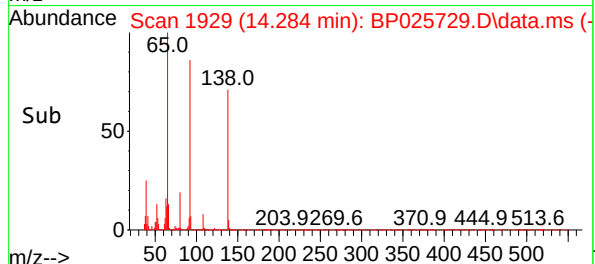
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:138 Resp: 329431
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 121.1 94.6 142.0

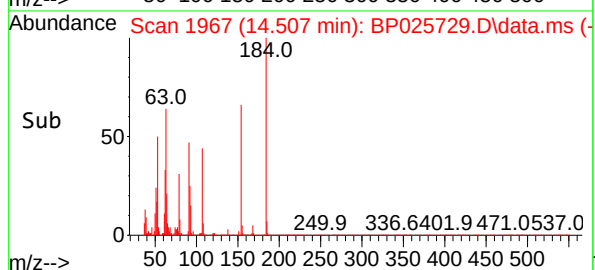
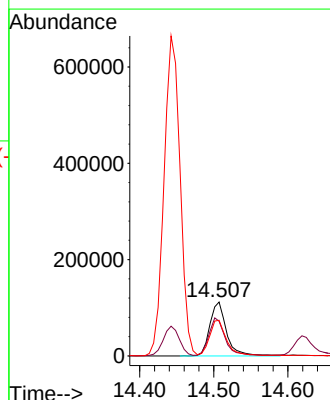
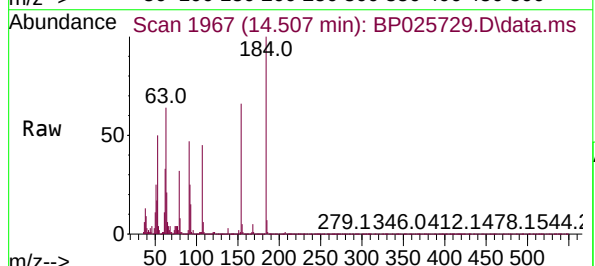
Manual Integrations
APPROVED

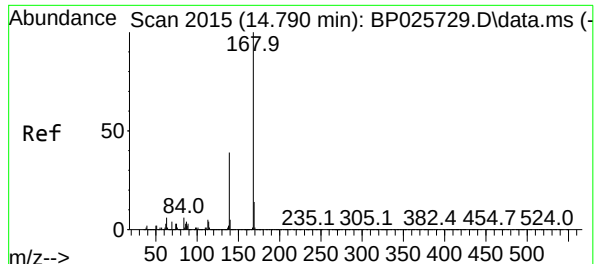
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 42.110 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

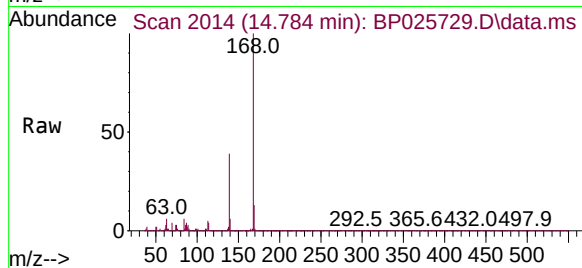
Tgt Ion:184 Resp: 174477
Ion Ratio Lower Upper
184 100
63 64.2 52.5 78.7
154 66.1 51.5 77.3





#55
Dibenzofuran
Concen: 42.712 ng
RT: 14.784 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

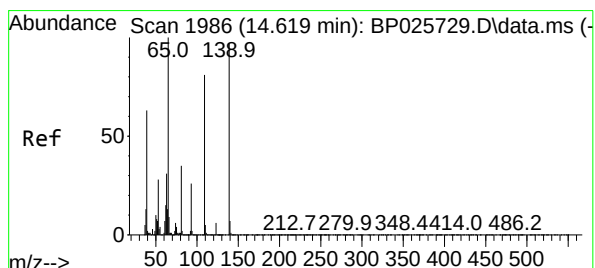
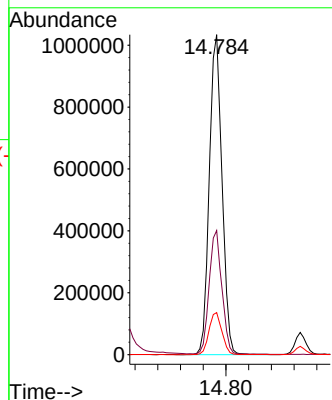
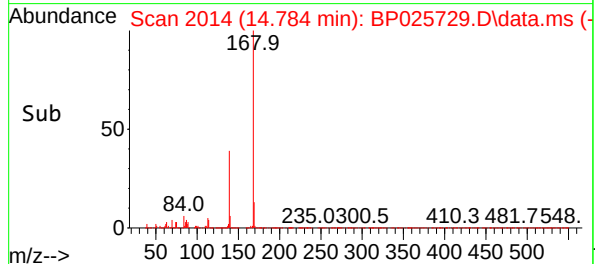
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 160741
Ion Ratio Lower Upper
168 100
139 38.8 31.7 47.5
169 13.1 10.8 16.2

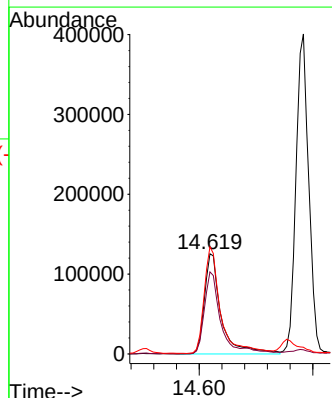
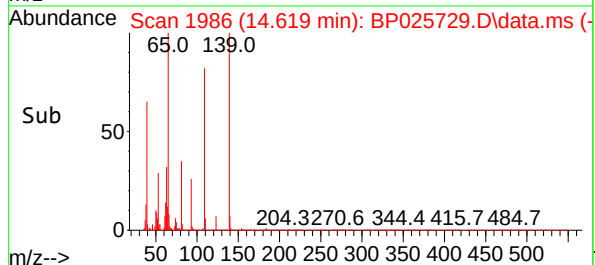
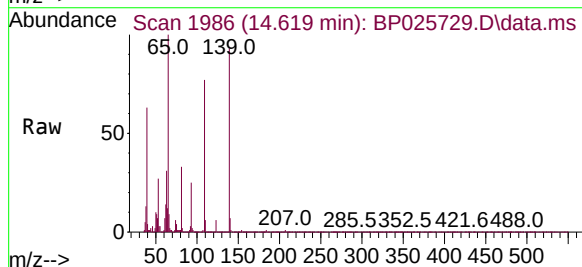
Manual Integrations
APPROVED

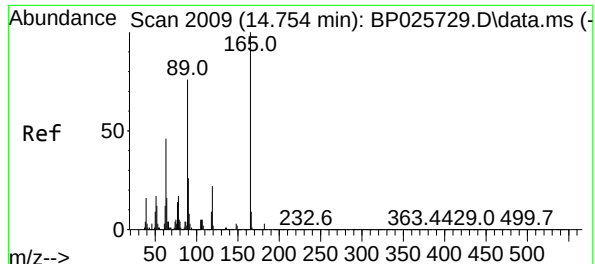
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#56
4-Nitrophenol
Concen: 44.044 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:139 Resp: 256685
Ion Ratio Lower Upper
139 100
109 82.0 62.9 102.9
65 107.0 83.4 123.4





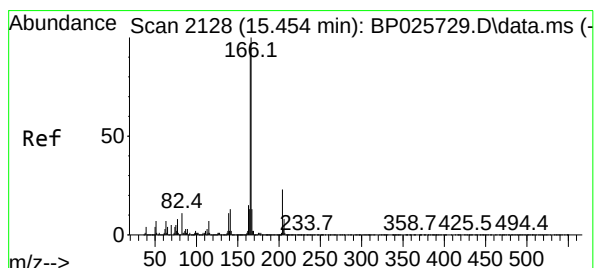
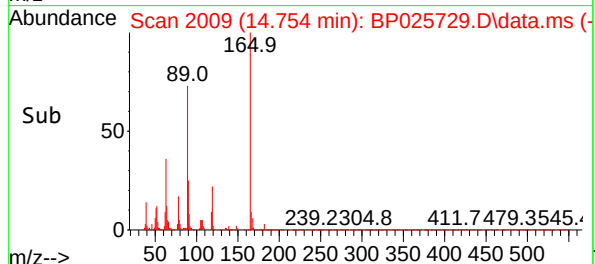
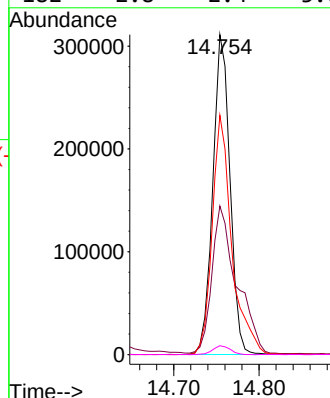
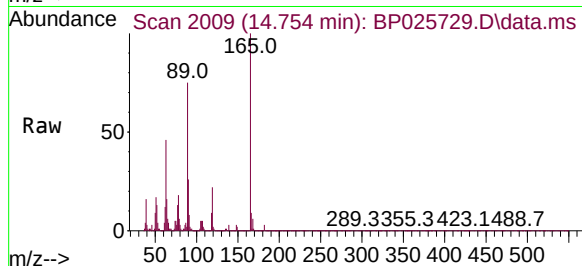
#57
2,4-Dinitrotoluene
Concen: 45.264 ng
RT: 14.754 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:165 Resp: 435664
Ion Ratio Lower Upper
165 100
63 46.4 37.7 56.5
89 74.8 61.0 91.6
182 2.8 2.4 3.6

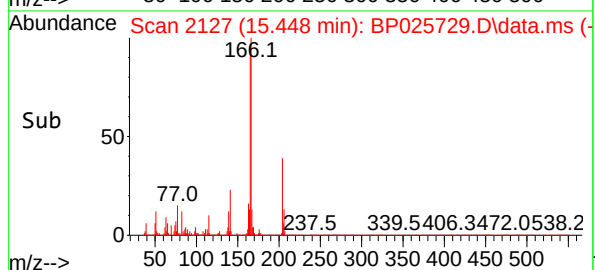
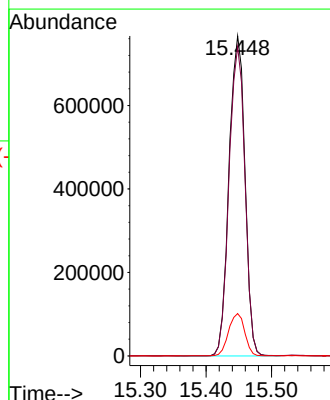
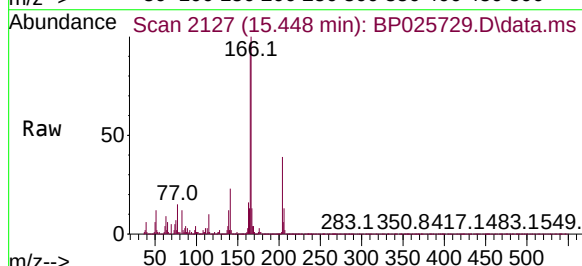
Manual Integrations
APPROVED

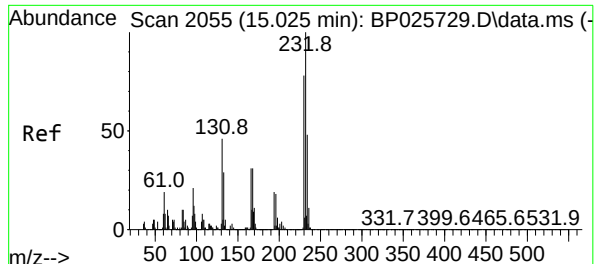
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 43.194 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:166 Resp: 1292575
Ion Ratio Lower Upper
166 100
165 96.6 77.7 116.5
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.710 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 373358

Ion Ratio Lower Upper

232 100

131 44.2 36.7 55.1

130 2.5 2.0 3.0

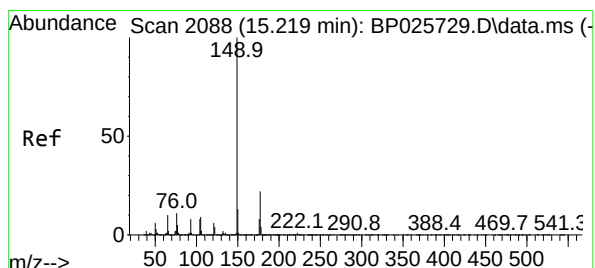
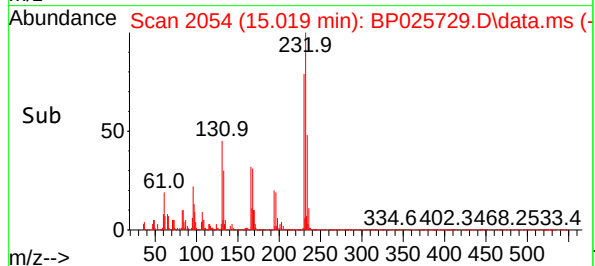
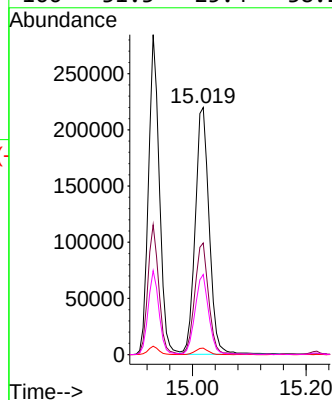
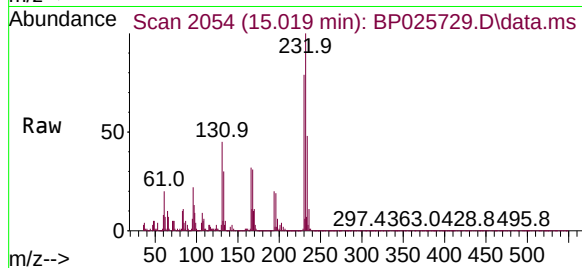
166 31.3 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 42.459 ng

RT: 15.219 min Scan# 2088

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

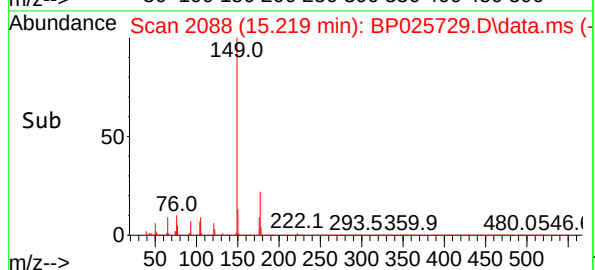
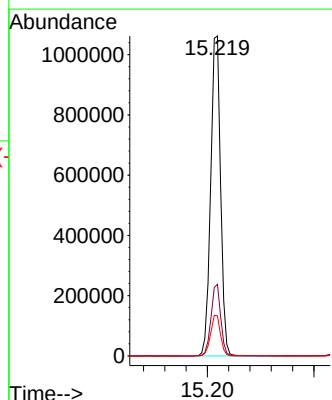
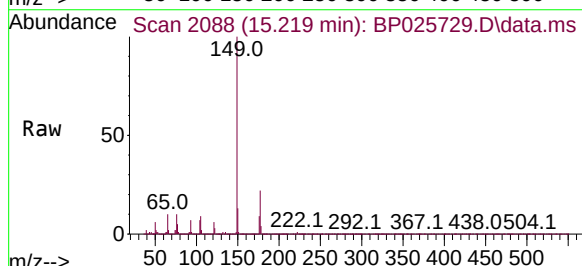
Tgt Ion:149 Resp: 1374845

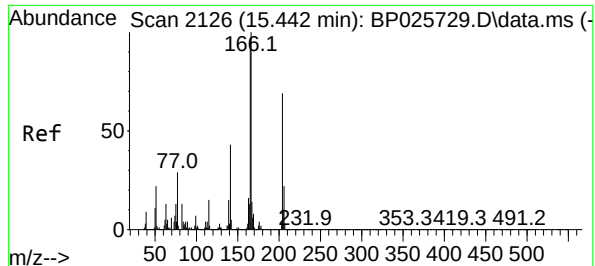
Ion Ratio Lower Upper

149 100

177 22.4 17.7 26.5

150 12.5 10.0 15.0





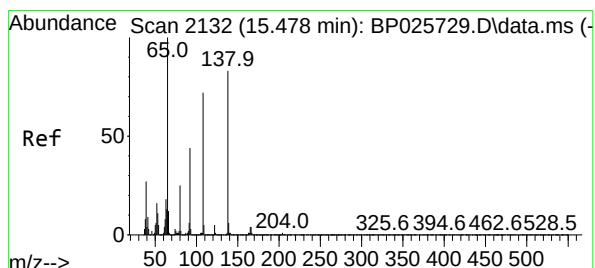
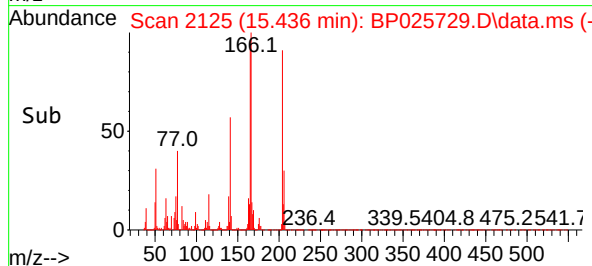
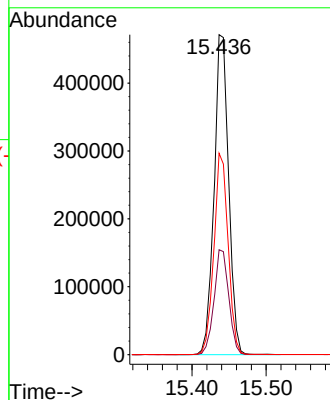
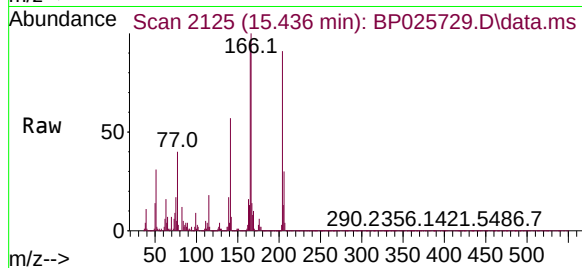
#61
4-Chlorophenyl-phenylether
Concen: 42.637 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Tgt Ion:204 Resp: 643036
Ion Ratio Lower Upper
204 100
206 32.8 26.0 39.0
141 62.9 49.7 74.5

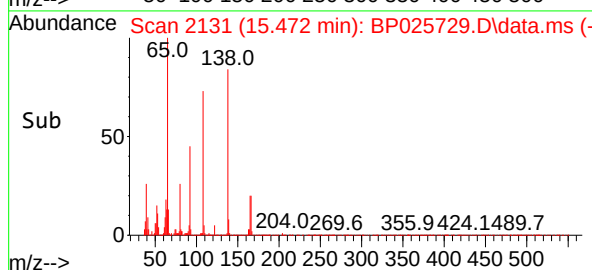
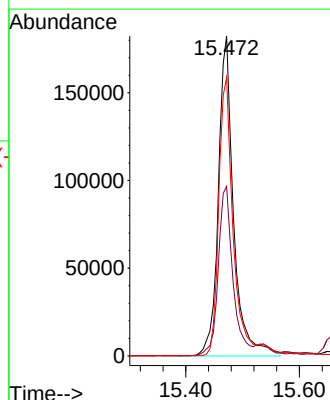
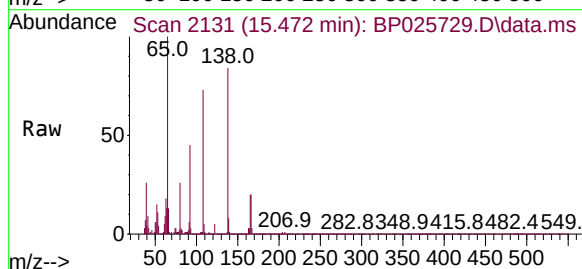
Manual Integrations
APPROVED

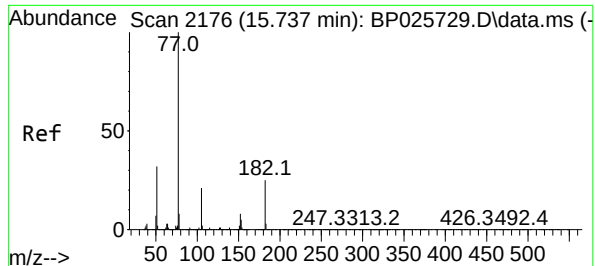
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 46.442 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

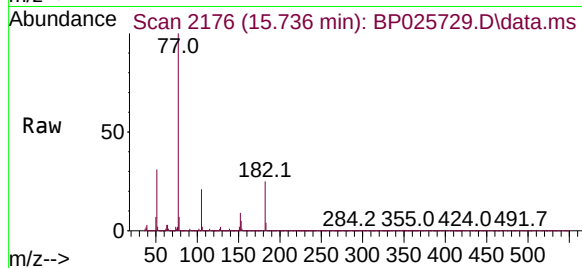
Tgt Ion:138 Resp: 338121
Ion Ratio Lower Upper
138 100
92 53.0 33.3 73.3
108 87.0 66.7 106.7





#63
Azobenzene
Concen: 43.872 ng
RT: 15.736 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

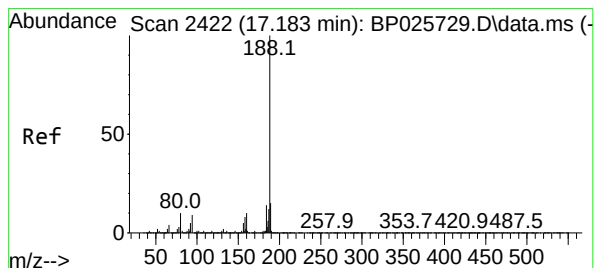
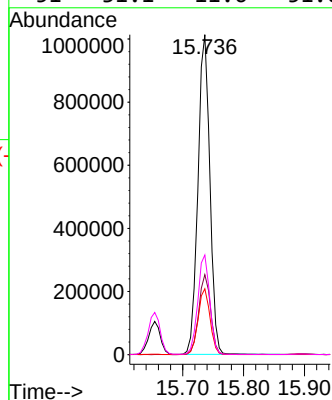
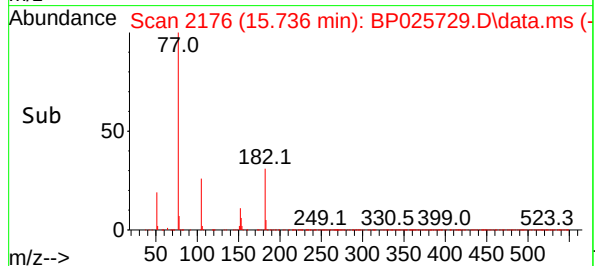
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 77 Resp: 1373602
Ion Ratio Lower Upper
77 100
182 25.0 5.2 45.2
105 20.6 1.1 41.1
51 31.1 11.6 51.6

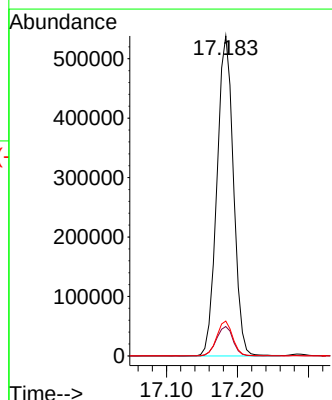
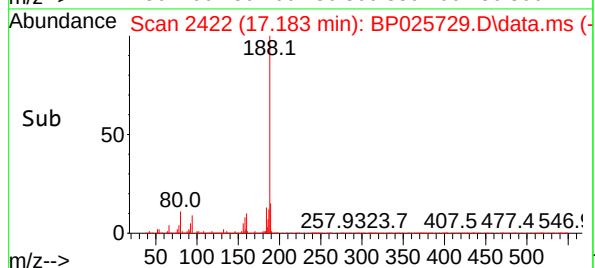
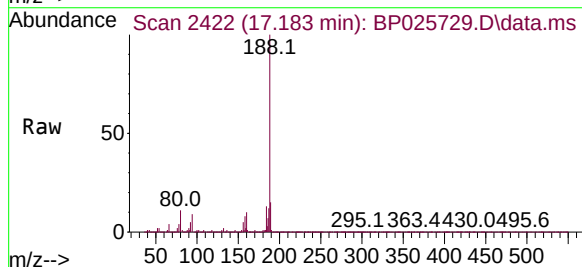
Manual Integrations
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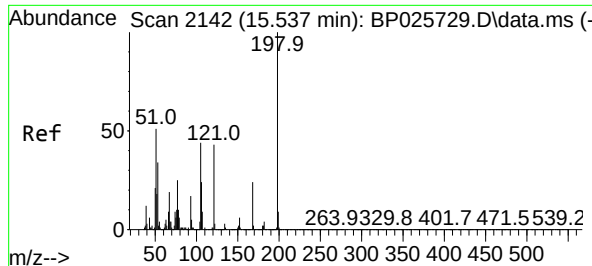
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion:188 Resp: 868840
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.9 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 45.293 ng

RT: 15.536 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:198 Resp: 261709

Ion Ratio Lower Upper

198 100

51 47.5 33.4 73.4

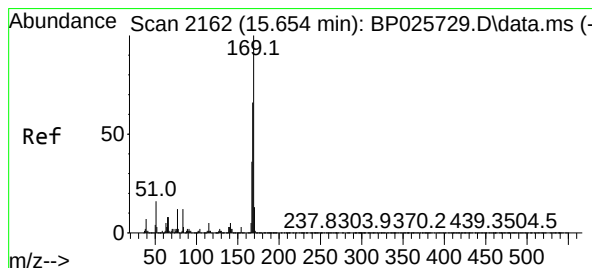
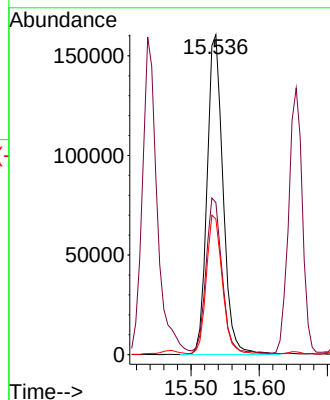
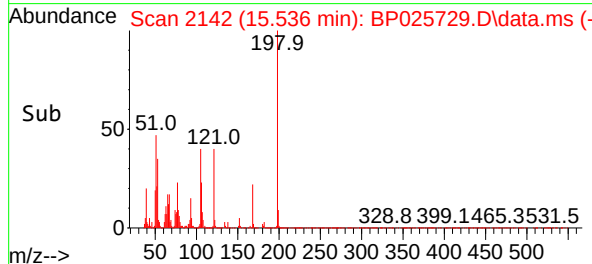
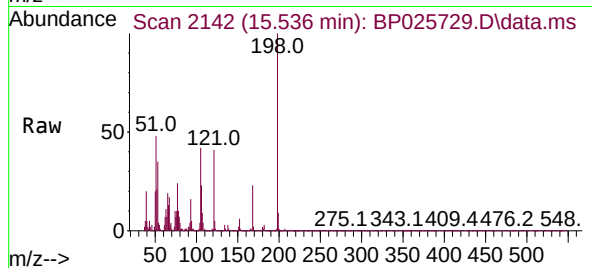
105 42.4 24.3 64.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 43.383 ng

RT: 15.654 min Scan# 2162

Delta R.T. -0.000 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

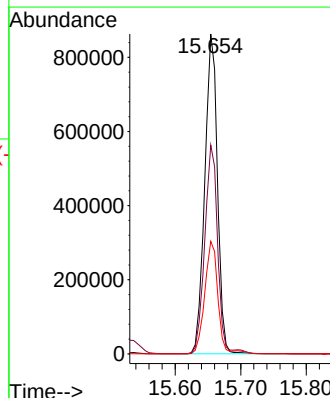
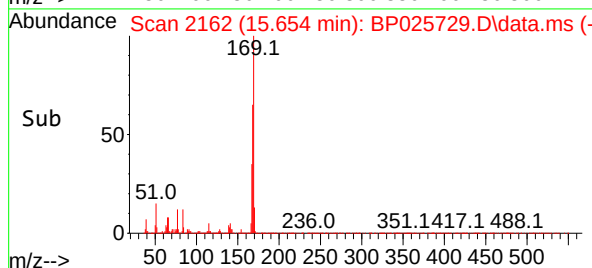
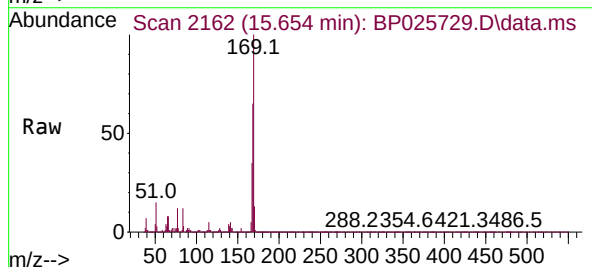
Tgt Ion:169 Resp: 1153503

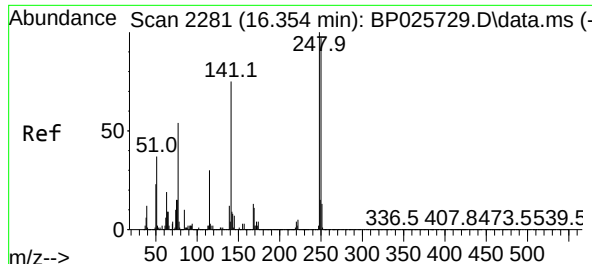
Ion Ratio Lower Upper

169 100

168 65.3 52.6 78.8

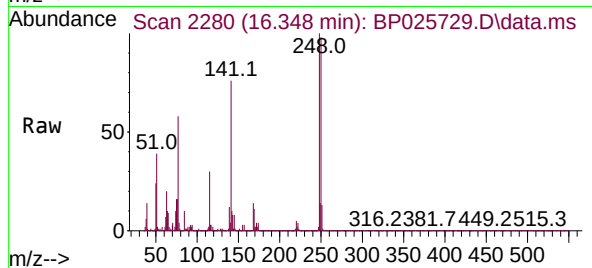
167 35.2 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 43.298 ng
RT: 16.348 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

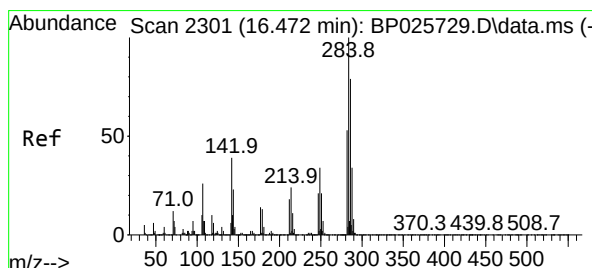
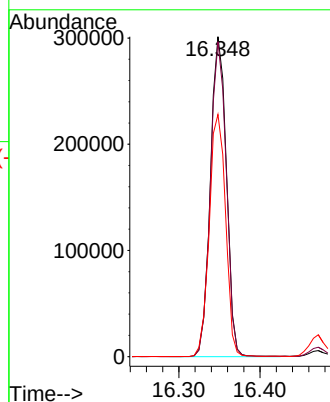
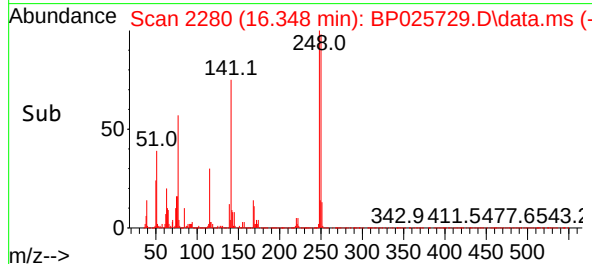
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:248 Resp: 413274
Ion Ratio Lower Upper
248 100
250 98.4 77.5 116.3
141 75.7 60.2 90.4

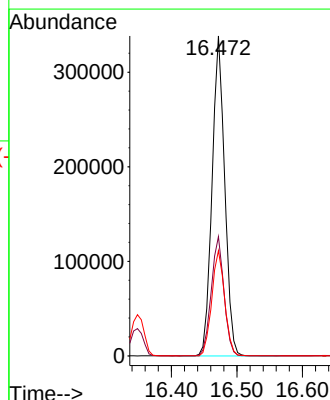
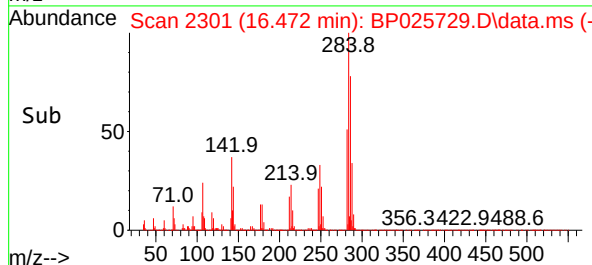
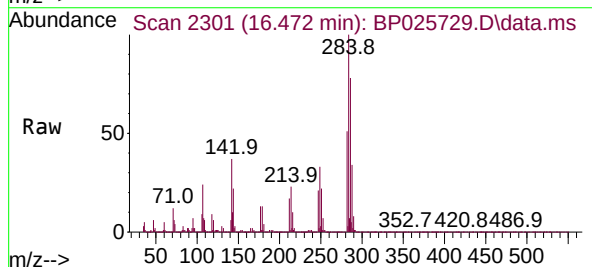
Manual Integrations
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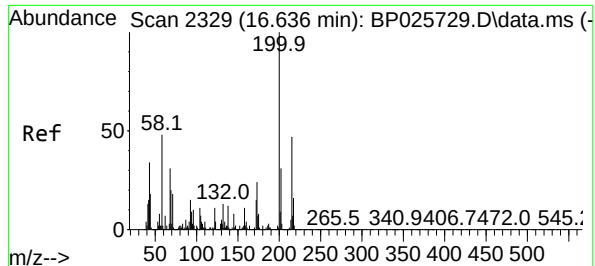
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#68
Hexachlorobenzene
Concen: 42.564 ng
RT: 16.472 min Scan# 2301
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

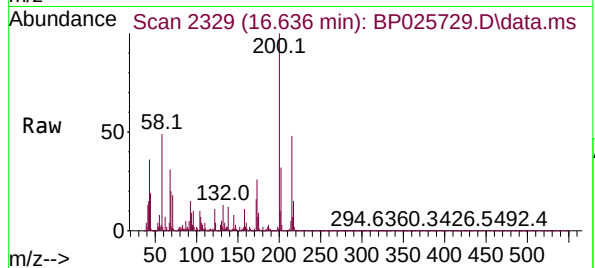
Tgt Ion:284 Resp: 453064
Ion Ratio Lower Upper
284 100
142 37.3 31.3 46.9
249 32.9 27.3 40.9





#69
Atrazine
Concen: 44.392 ng
RT: 16.636 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

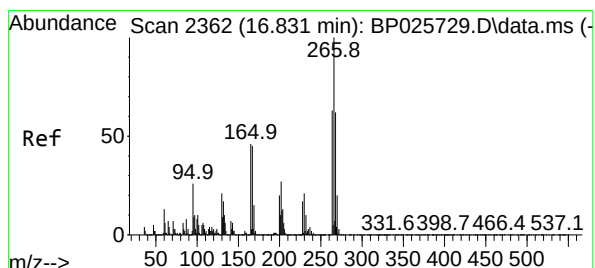
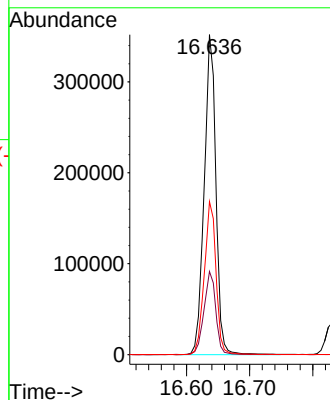
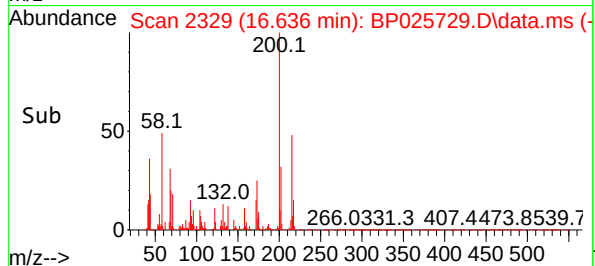
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:200 Resp: 451179
Ion Ratio Lower Upper
200 100
173 26.0 4.2 44.2
215 47.8 27.3 67.3

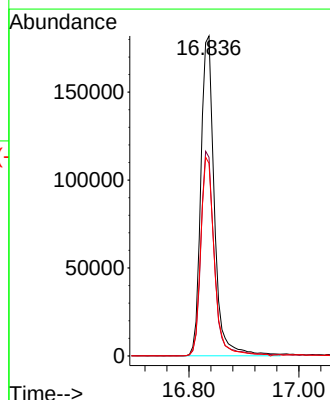
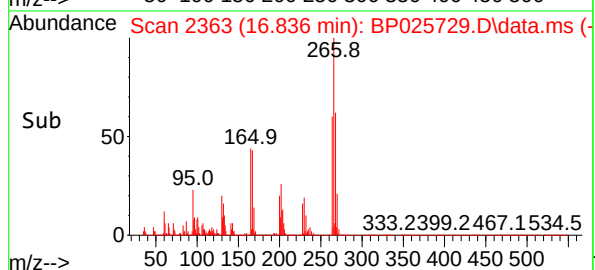
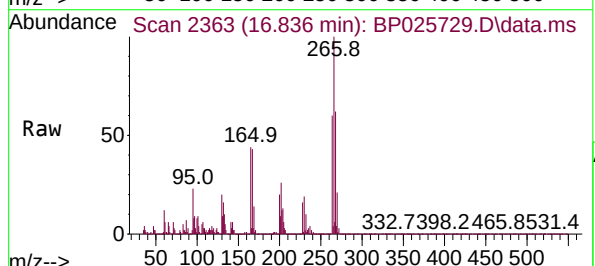
Manual Integrations
APPROVED

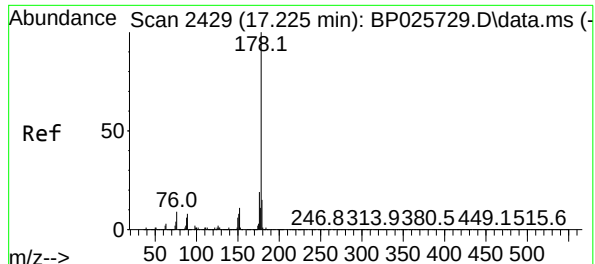
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#70
Pentachlorophenol
Concen: 44.297 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

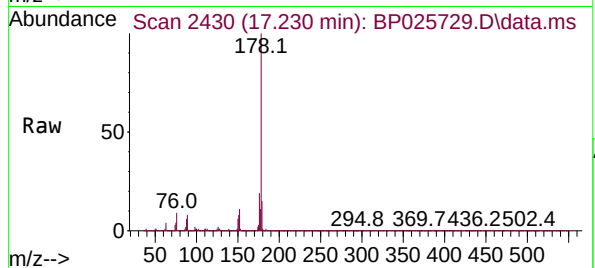
Tgt Ion:266 Resp: 311192
Ion Ratio Lower Upper
266 100
268 62.1 49.8 74.8
264 60.2 50.2 75.2





#71
Phenanthrene
Concen: 42.751 ng
RT: 17.230 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

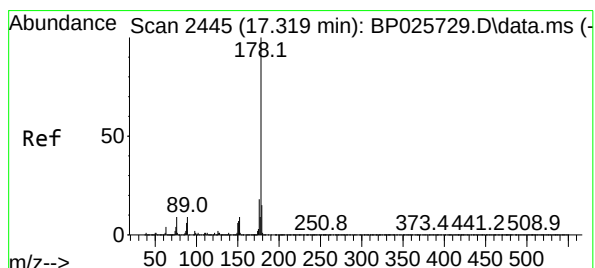
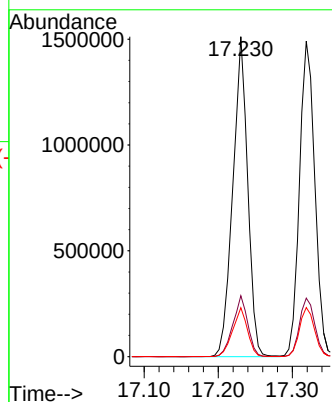
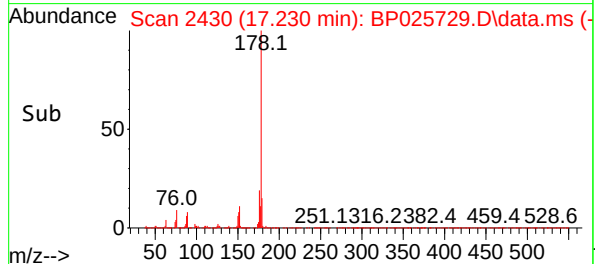
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 2106998
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.2 18.4

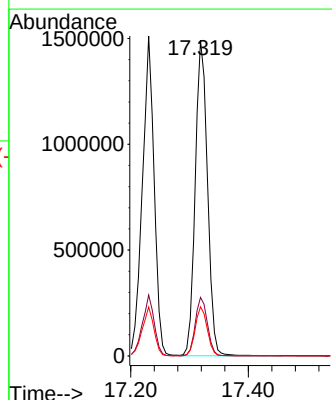
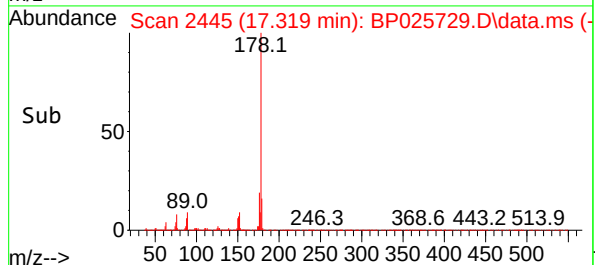
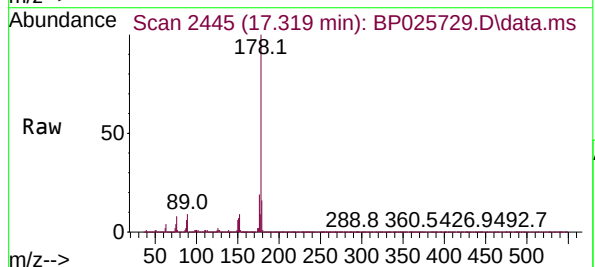
Manual Integrations
APPROVED

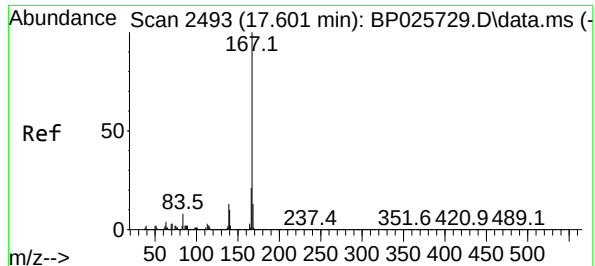
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#72
Anthracene
Concen: 42.974 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

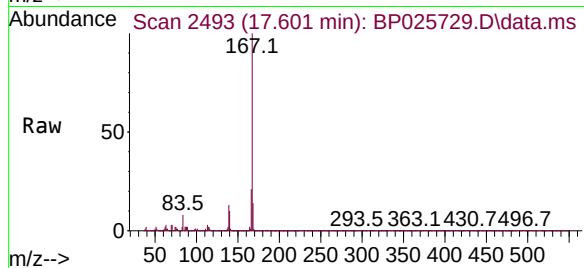
Tgt Ion:178 Resp: 2149009
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.6 12.2 18.4





#73
Carbazole
Concen: 43.830 ng
RT: 17.601 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

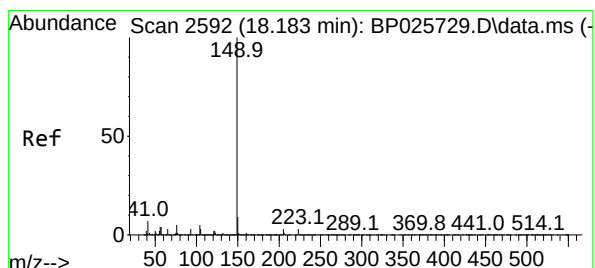
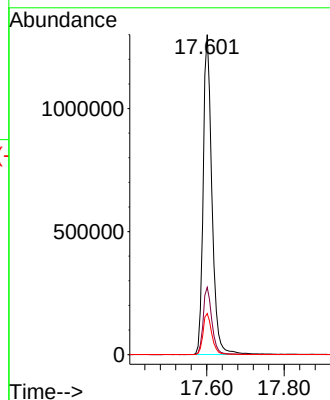
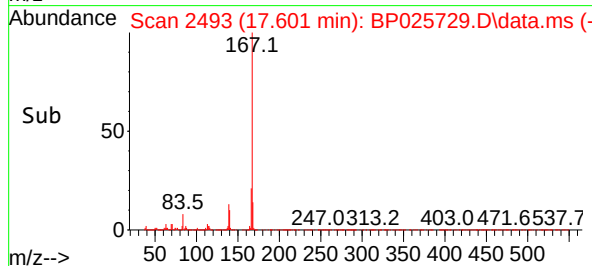
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:167 Resp: 2037704
Ion Ratio Lower Upper
167 100
166 21.0 17.0 25.4
139 12.8 10.6 16.0

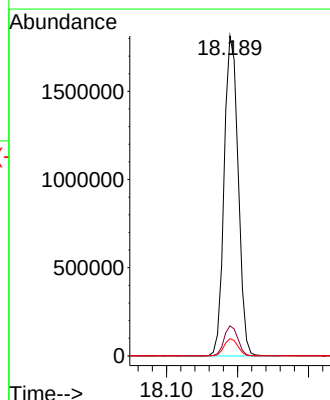
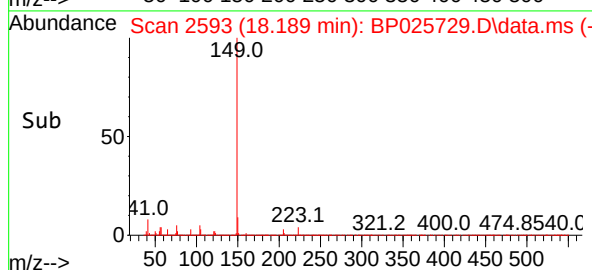
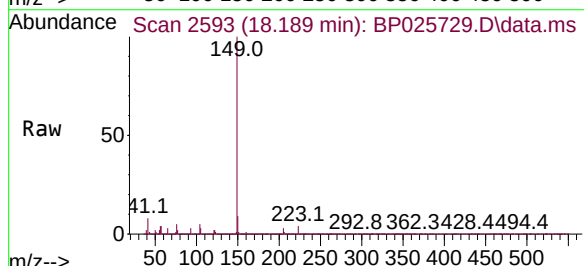
Manual Integrations
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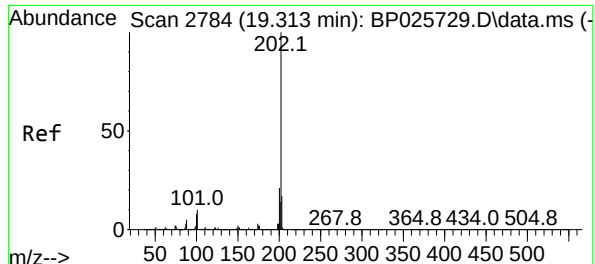
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#74
Di-n-butylphthalate
Concen: 43.793 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

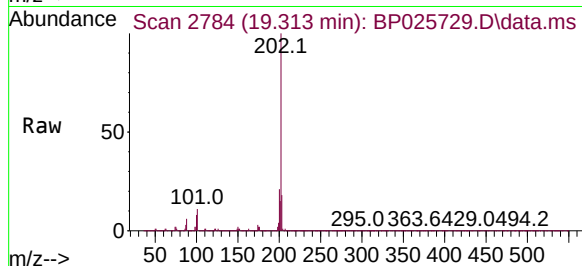
Tgt Ion:149 Resp: 2498531
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 42.535 ng
RT: 19.313 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

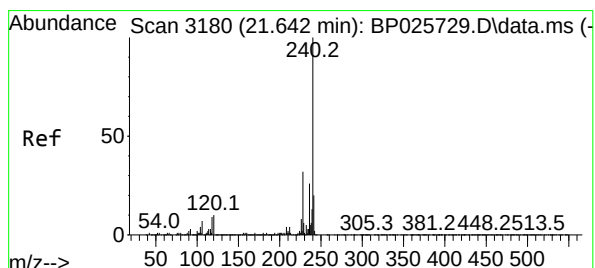
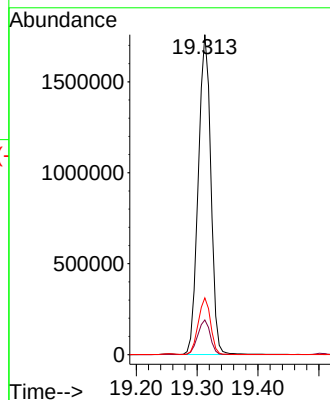
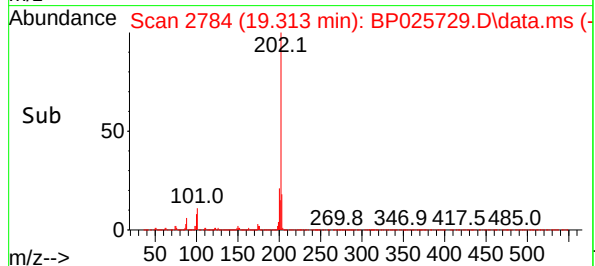
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:202 Resp: 2514212
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.4
203 17.7 0.0 37.4

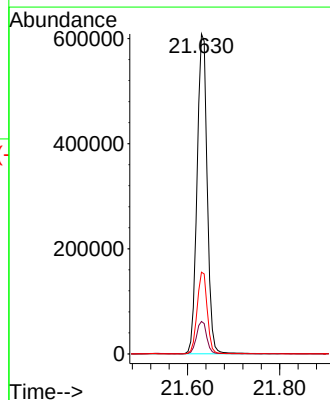
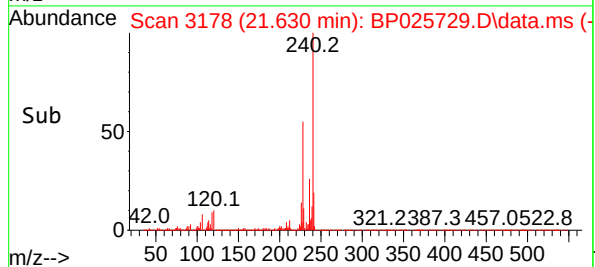
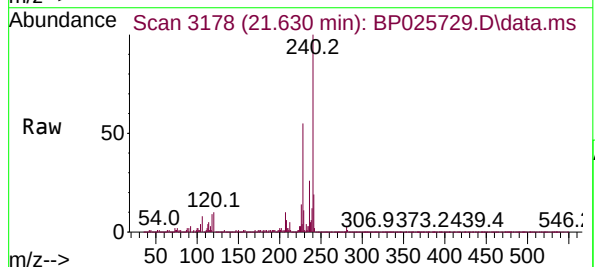
Manual Integrations
APPROVED

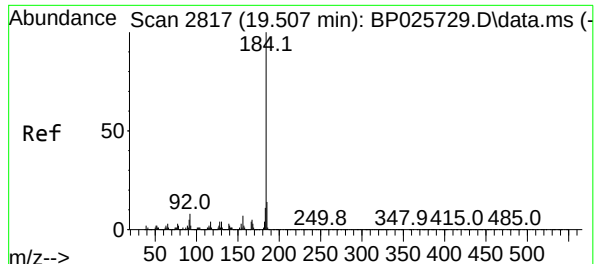
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

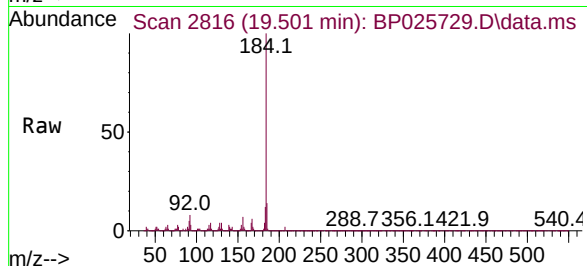
Tgt Ion:240 Resp: 926553
Ion Ratio Lower Upper
240 100
120 10.1 8.0 12.0
236 25.6 20.7 31.1





#77
Benzidine
Concen: 45.307 ng
RT: 19.501 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

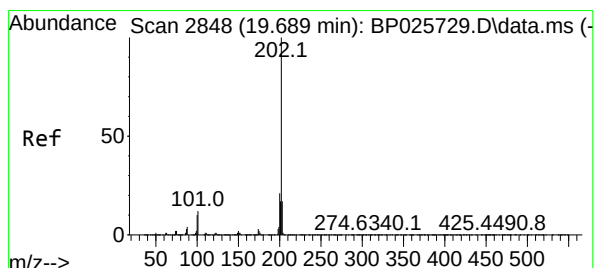
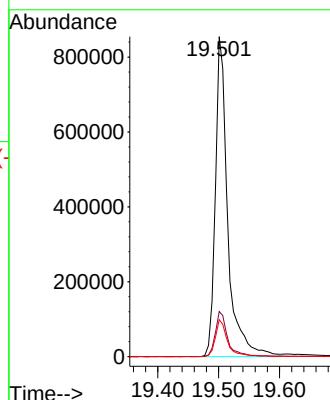
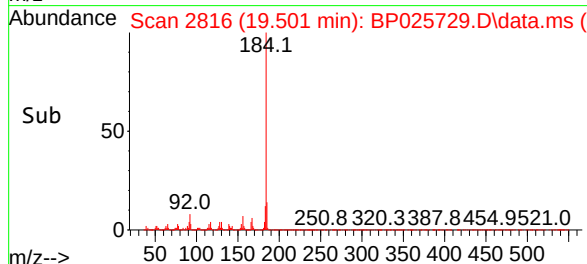
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 1209219
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.5 9.2 13.8

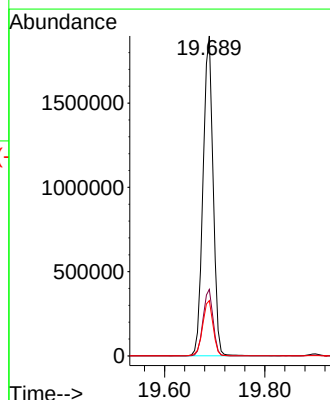
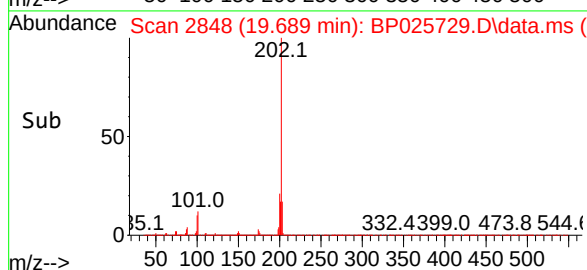
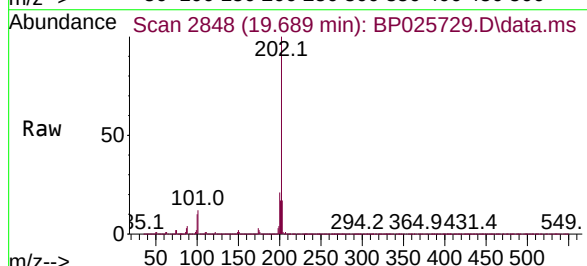
Manual Integrations
APPROVED

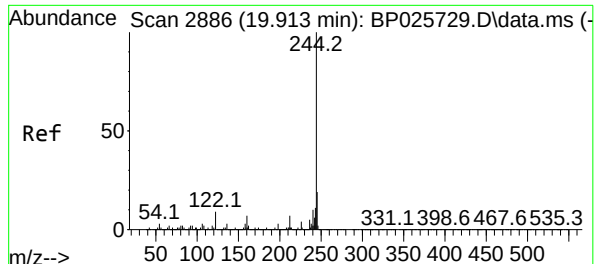
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 42.875 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

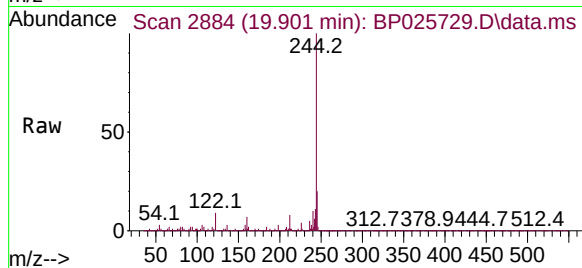
Tgt Ion:202 Resp: 2650721
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.3 13.9 20.9





#79
Terphenyl-d14
Concen: 84.704 ng
RT: 19.901 min Scan# 2884
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

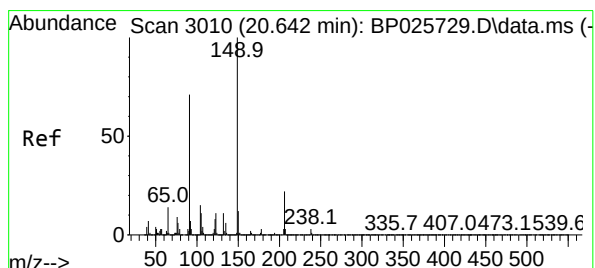
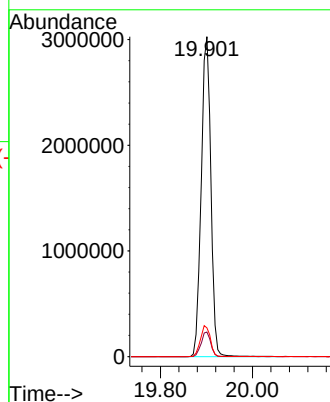
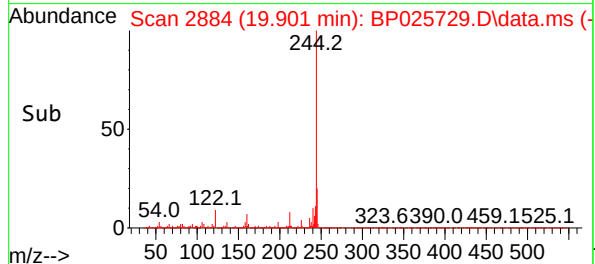
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:244 Resp: 4362586
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.0 7.1 10.7

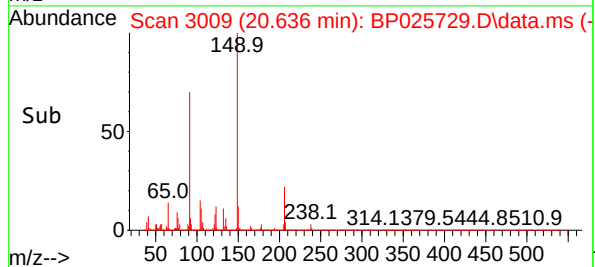
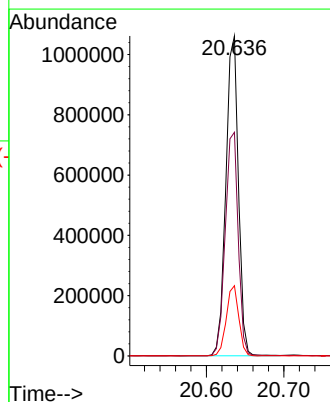
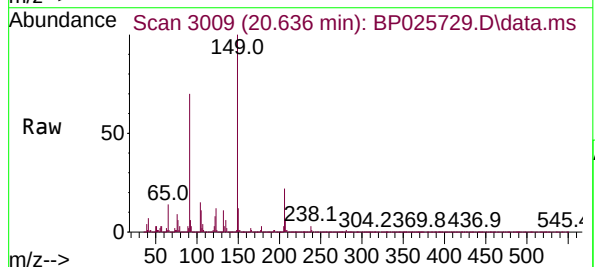
Manual Integrations
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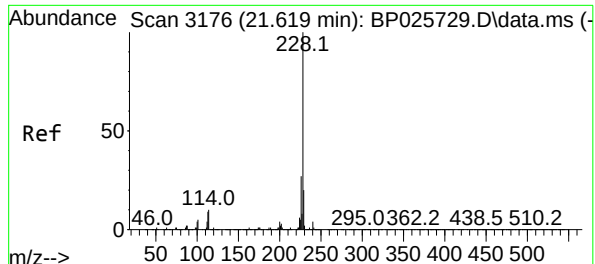
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#80
Butylbenzylphthalate
Concen: 44.213 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

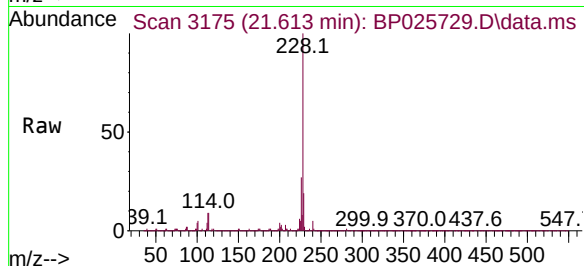
Tgt Ion:149 Resp: 1198520
Ion Ratio Lower Upper
149 100
91 69.9 56.6 85.0
206 21.9 17.4 26.0





#81
Benzo(a)anthracene
Concen: 42.456 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

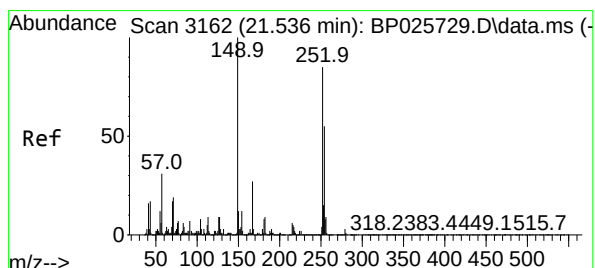
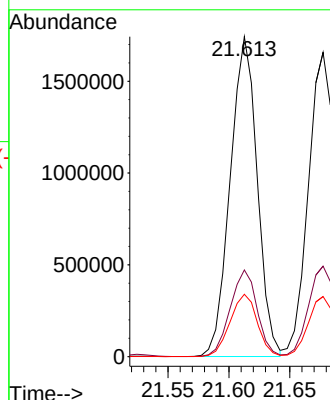
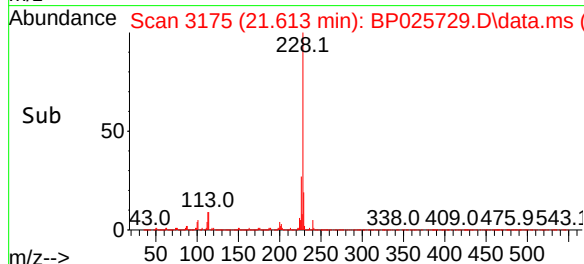
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 2693098
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.5 15.7 23.5

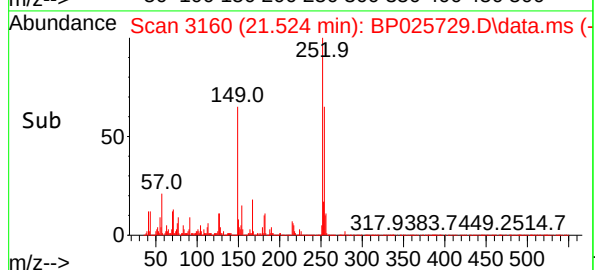
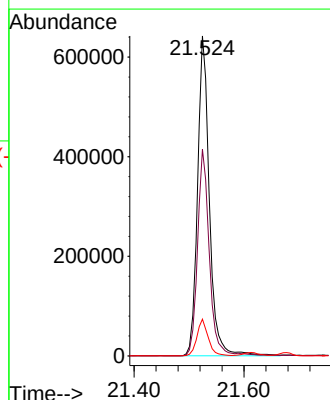
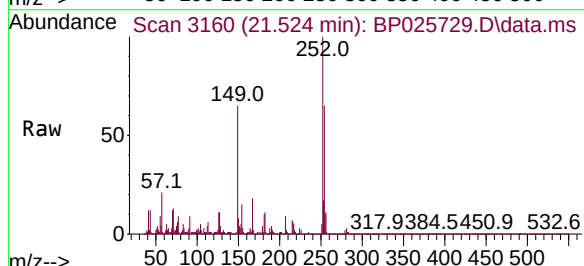
Manual Integrations
APPROVED

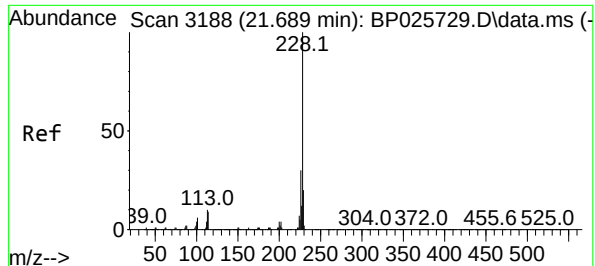
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 43.803 ng
RT: 21.524 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

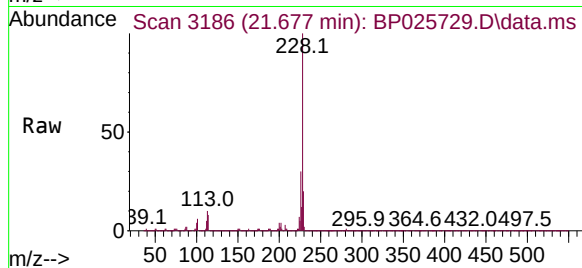
Tgt Ion:252 Resp: 960752
Ion Ratio Lower Upper
252 100
254 64.6 51.4 77.0
126 11.5 8.3 12.5





#83
Chrysene
Concen: 42.152 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

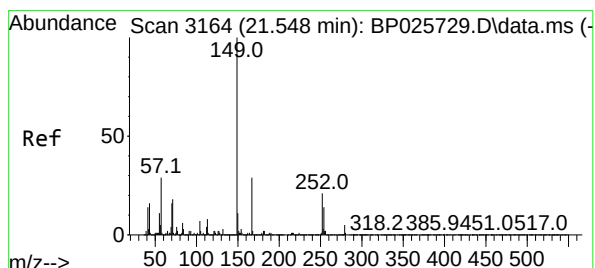
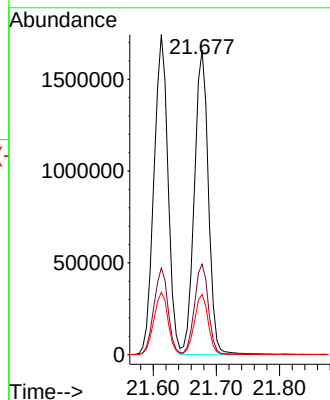
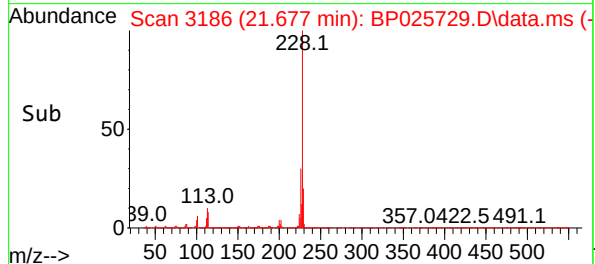
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:228 Resp: 2548856
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 19.7 15.6 23.4

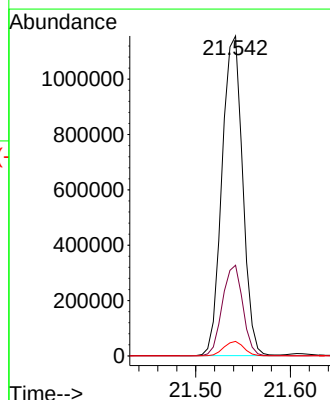
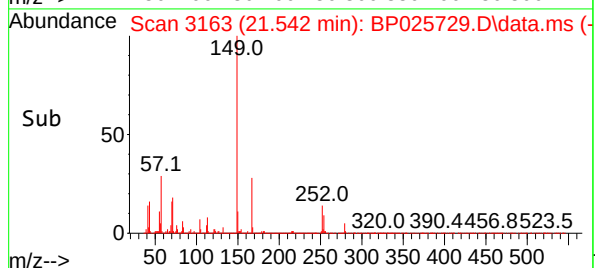
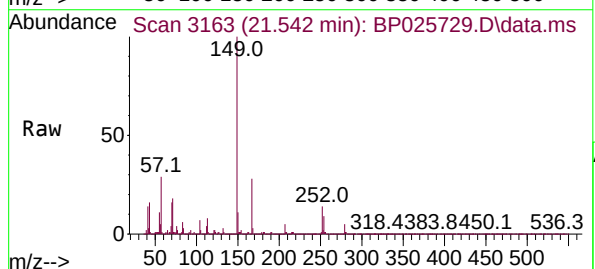
Manual Integrations
APPROVED

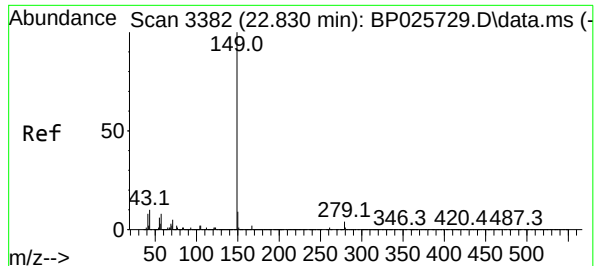
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.144 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

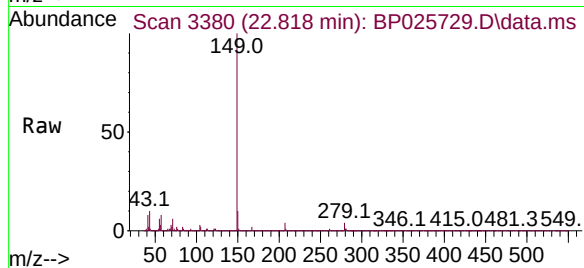
Tgt Ion:149 Resp: 1750717
Ion Ratio Lower Upper
149 100
167 28.3 22.9 34.3
279 4.5 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 43.867 ng
RT: 22.818 min Scan# 3382
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

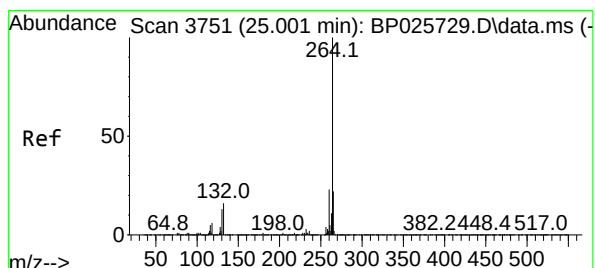
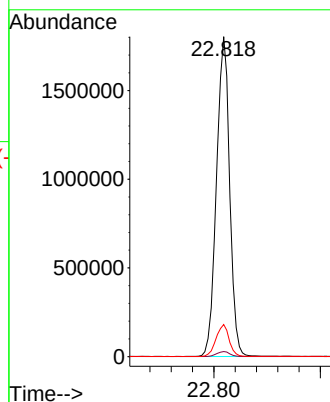
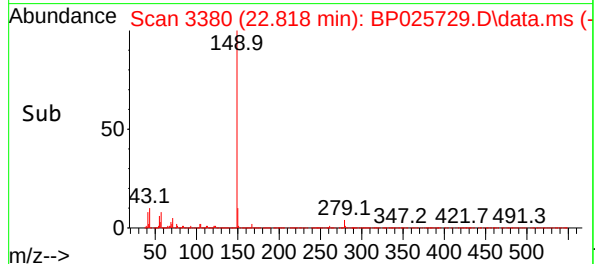
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion:149 Resp: 3094664
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.9 8.0 12.0

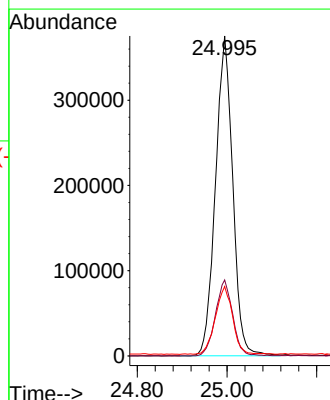
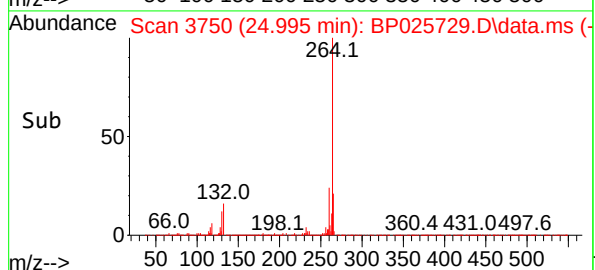
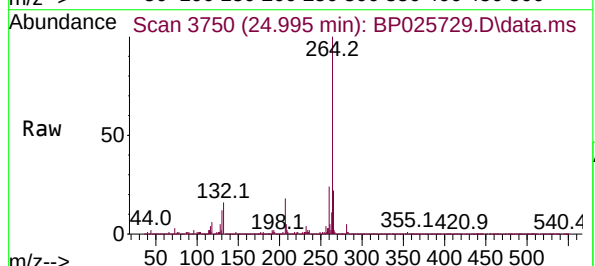
Manual Integrations
APPROVED

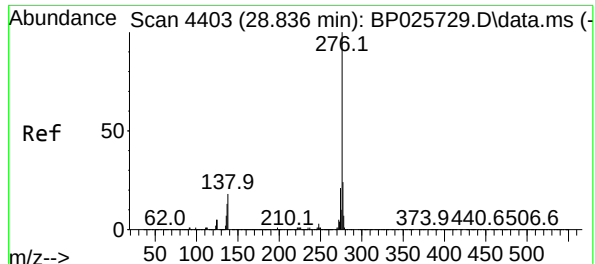
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

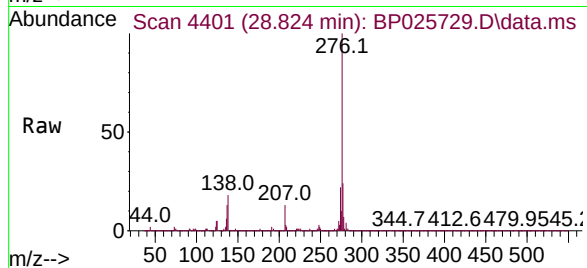
Tgt Ion:264 Resp: 1000954
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.7 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.902 ng
RT: 28.824 min Scan# 4403
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

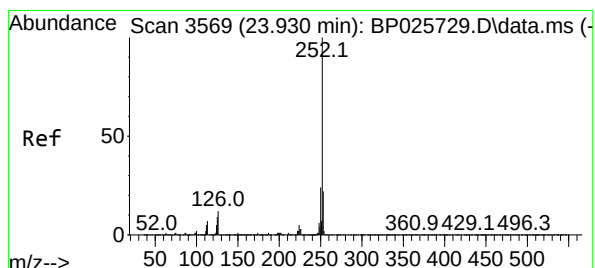
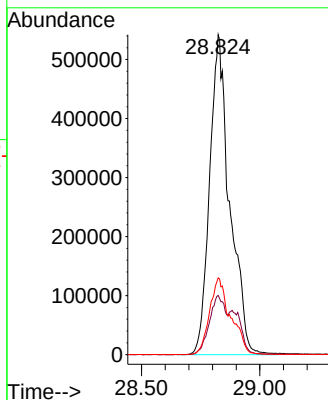
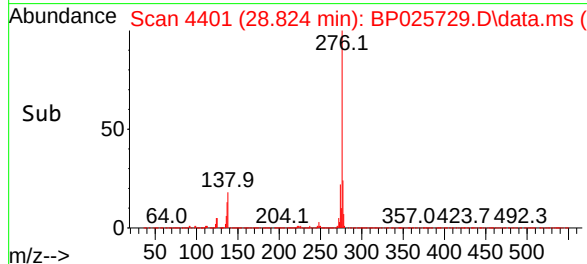
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 276 Resp: 3195673
Ion Ratio Lower Upper
276 100
138 14.9 13.4 20.2
277 25.2 9.1 13.7

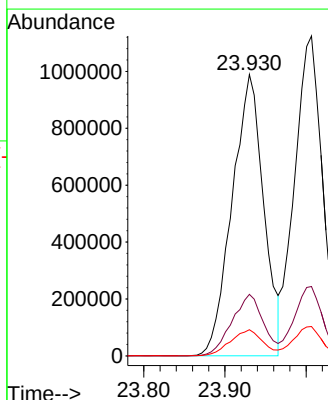
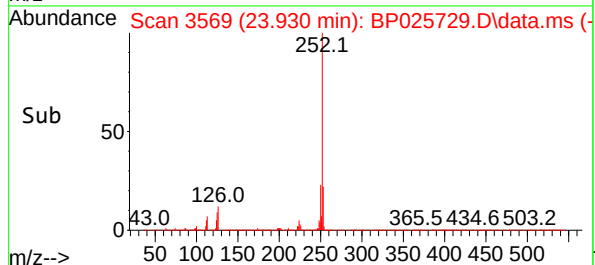
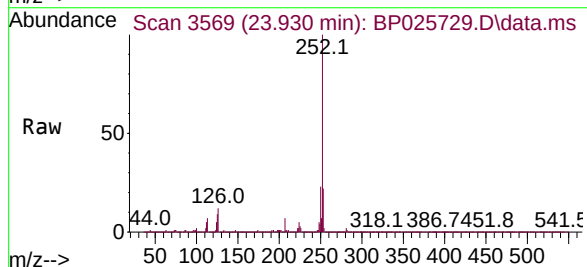
Manual Integrations
APPROVED

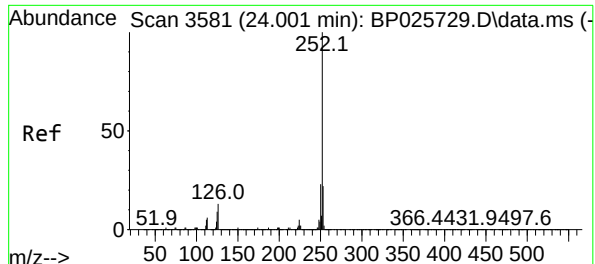
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#88
Benzo(b)fluoranthene
Concen: 43.687 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 252 Resp: 2674118
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.3 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 42.989 ng

RT: 24.007 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

Instrument :

BNA_P

ClientSampleId :

SSTDICCC040

Tgt Ion:252 Resp: 2685118

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

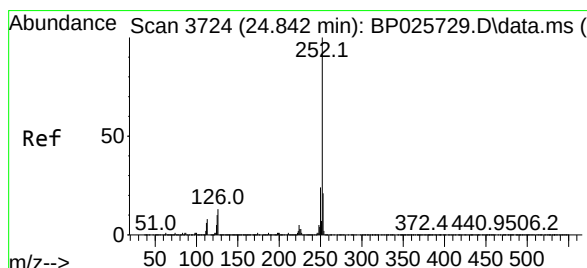
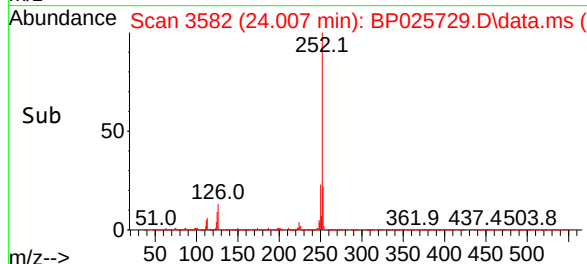
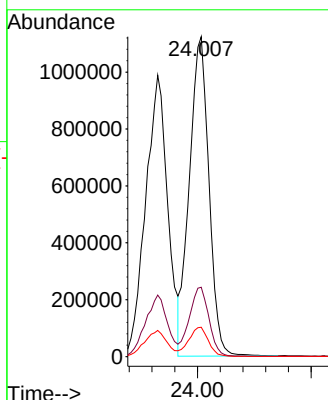
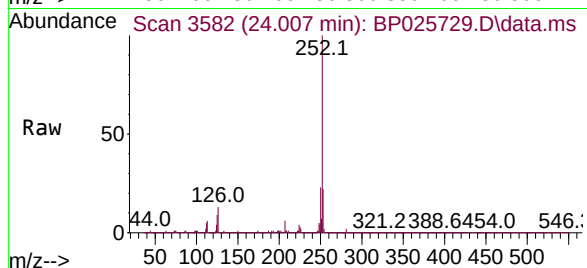
125 9.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 43.660 ng

RT: 24.836 min Scan# 3723

Delta R.T. -0.006 min

Lab File: BP025729.D

Acq: 11 Sep 2025 12:21

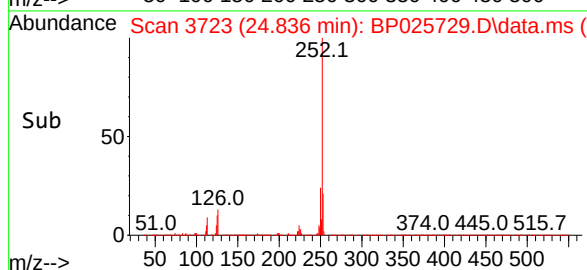
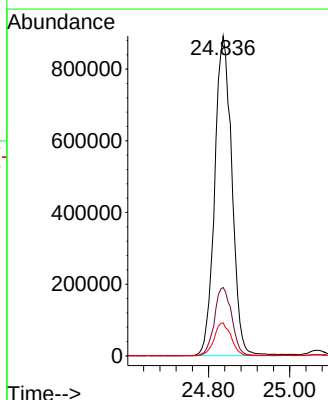
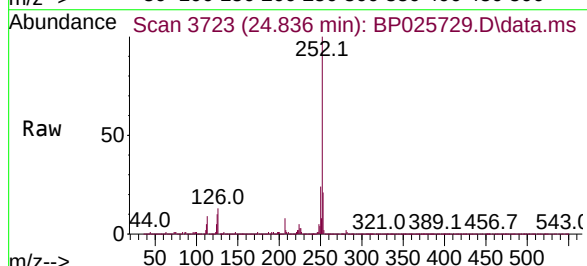
Tgt Ion:252 Resp: 2617139

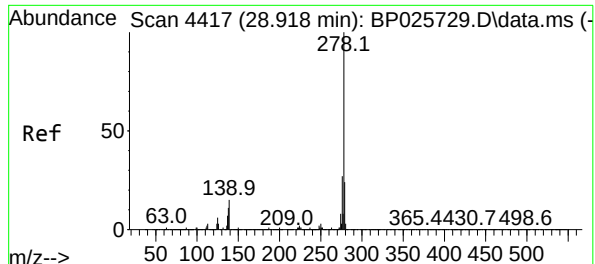
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

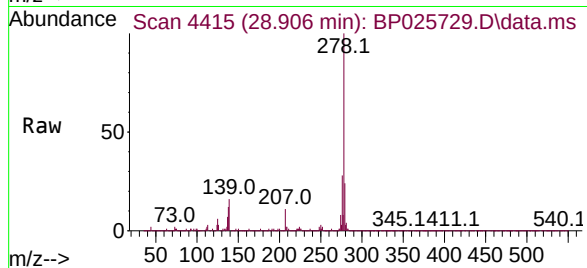
125 10.3 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 43.586 ng
RT: 28.906 min Scan# 4415
Delta R.T. -0.012 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

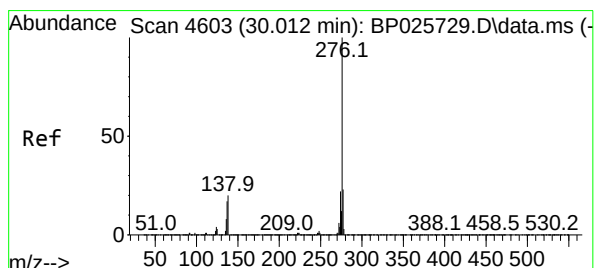
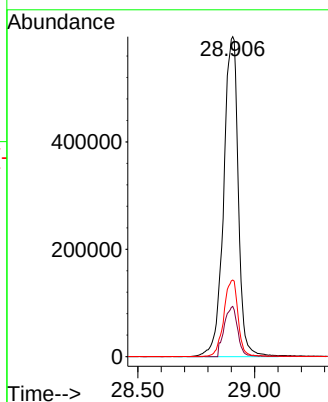
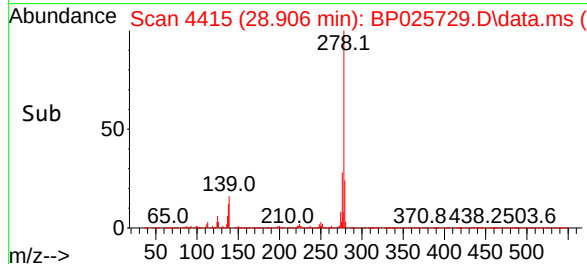
Instrument :
BNA_P
ClientSampleId :
SSTDICCC040



Tgt Ion: 278 Resp: 2596318
Ion Ratio Lower Upper
278 100
139 15.7 12.1 18.1
279 23.9 19.6 29.4

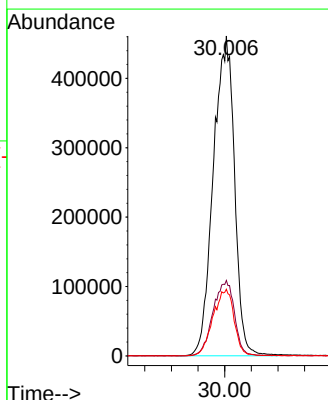
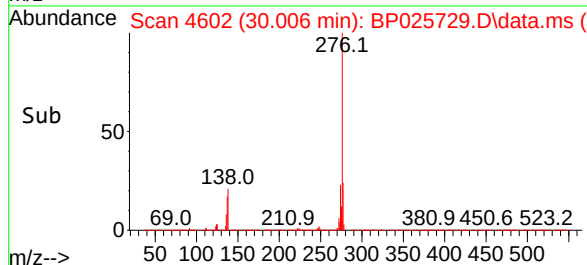
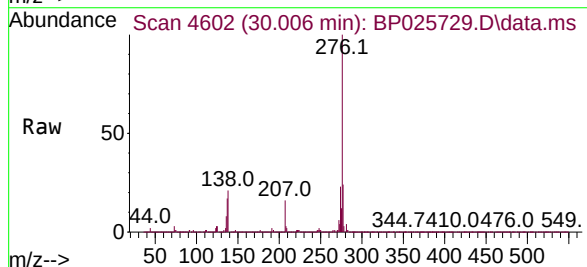
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 43.305 ng
RT: 30.006 min Scan# 4602
Delta R.T. -0.006 min
Lab File: BP025729.D
Acq: 11 Sep 2025 12:21

Tgt Ion: 276 Resp: 2536855
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 20.8 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025731.D
 Acq On : 11 Sep 2025 13:43
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

Quant Time: Sep 11 16:25:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	144908	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	594465	20.000	ng	0.00
39) Acenaphthene-d10	14.389	164	399973	20.000	ng	0.01
64) Phenanthrene-d10	17.189	188	829072	20.000	ng	0.00
76) Chrysene-d12	21.636	240	850069	20.000	ng	0.00
86) Perylene-d12	24.995	264	937177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1076648	119.885	ng	0.00
7) Phenol-d6	6.949	99	1441118	120.727	ng	0.00
23) Nitrobenzene-d5	8.907	82	1624115	120.514	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	596882	119.643	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	3440852	114.546	ng	0.00
79) Terphenyl-d14	19.913	244	5375608	113.763	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.308	88	214449	56.894	ng	99
3) Pyridine	3.708	79	608506	58.630	ng	98
4) n-Nitrosodimethylamine	3.614	42	283590	57.906	ng	98
6) Aniline	7.090	93	984589	60.086	ng	99
8) 2-Chlorophenol	7.331	128	593699	60.261	ng	99
9) Benzaldehyde	6.913	77	468269	65.521	ng	98
10) Phenol	6.972	94	761185	60.475	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	594817	58.820	ng	97
12) 1,3-Dichlorobenzene	7.649	146	647387	57.736	ng	98
13) 1,4-Dichlorobenzene	7.790	146	669205	58.590	ng	98
14) 1,2-Dichlorobenzene	8.107	146	645593	58.182	ng	99
15) Benzyl Alcohol	7.996	79	587082	59.518	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.278	45	940663	56.880	ng	100
17) 2-Methylphenol	8.207	107	515294	60.722	ng	99
18) Hexachloroethane	8.825	117	255454	58.553	ng	96
19) n-Nitroso-di-n-propyla...	8.560	70	500512	60.833	ng	99
20) 3+4-Methylphenols	8.531	107	706319	59.431	ng	99
22) Acetophenone	8.578	105	959504	60.398	ng	# 99
24) Nitrobenzene	8.949	77	732954	60.626	ng	98
25) Isophorone	9.472	82	1411439	59.586	ng	100
26) 2-Nitrophenol	9.654	139	341952	63.706	ng	96
27) 2,4-Dimethylphenol	9.713	122	571131	60.651	ng	99
28) bis(2-Chloroethoxy)met...	9.948	93	805869	58.855	ng	100
29) 2,4-Dichlorophenol	10.190	162	583539	62.152	ng	98
30) 1,2,4-Trichlorobenzene	10.396	180	617864	58.392	ng	99
31) Naphthalene	10.578	128	1861226	58.065	ng	99
32) Benzoic acid	9.901	122	457710	65.376	ng	100
33) 4-Chloroaniline	10.690	127	828517	62.014	ng	99
34) Hexachlorobutadiene	10.860	225	402426	59.079	ng	99
35) Caprolactam	11.495	113	213931	59.232	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	672438	60.073	ng	97
37) 2-Methylnaphthalene	12.190	142	1207999	58.676	ng	98
38) 1-Methylnaphthalene	12.407	142	1271354	57.909	ng	99
40) 1,2,4,5-Tetrachloroben...	12.560	216	724963	59.814	ng	100
41) Hexachlorocyclopentadiene	12.537	237	416561	63.104	ng	99
43) 2,4,6-Trichlorophenol	12.807	196	490224	61.525	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025731.D
 Acq On : 11 Sep 2025 13:43
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC060

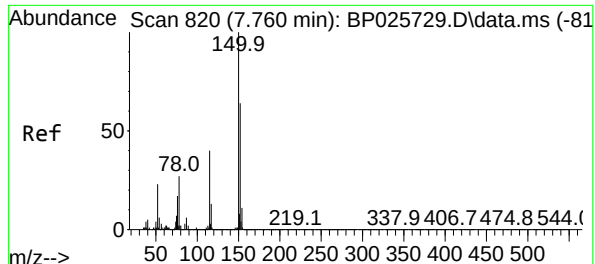
Quant Time: Sep 11 16:25:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	548795	61.887	ng	97
46) 1,1'-Biphenyl	13.201	154	1710115	58.250	ng	100
47) 2-Chloronaphthalene	13.248	162	1358189	58.754	ng	99
48) 2-Nitroaniline	13.460	65	481928	62.541	ng	97
49) Acenaphthylene	14.113	152	2244987	58.613	ng	99
50) Dimethylphthalate	13.836	163	1735637	56.838	ng	99
51) 2,6-Dinitrotoluene	13.960	165	395721	61.166	ng	98
52) Acenaphthene	14.454	154	1266404	57.334	ng	100
53) 3-Nitroaniline	14.295	138	428446	62.976	ng	98
54) 2,4-Dinitrophenol	14.513	184	241144	58.695	ng	99
55) Dibenzofuran	14.789	168	2062085	57.280	ng	99
56) 4-Nitrophenol	14.619	139	335924	58.606	ng	94
57) 2,4-Dinitrotoluene	14.760	165	564986	61.363	ng	98
58) Fluorene	15.448	166	1619859	56.587	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.025	232	471644	59.043	ng	100
60) Diethylphthalate	15.225	149	1767001	57.046	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	817173	56.642	ng	99
62) 4-Nitroaniline	15.478	138	451315	64.802	ng	97
63) Azobenzene	15.742	77	1761607	58.817	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	341390	61.918	ng	97
66) n-Nitrosodiphenylamine	15.660	169	1476982	58.214	ng	99
67) 4-Bromophenyl-phenylether	16.354	248	530862	58.285	ng	97
68) Hexachlorobenzene	16.483	284	586880	57.781	ng	95
69) Atrazine	16.642	200	563586	58.112	ng	97
70) Pentachlorophenol	16.836	266	400840	59.795	ng	100
71) Phenanthrene	17.230	178	2648539	56.316	ng	100
72) Anthracene	17.325	178	2753779	57.710	ng	100
73) Carbazole	17.607	167	2580907	58.177	ng	99
74) Di-n-butylphthalate	18.189	149	3187132	58.542	ng	100
75) Fluoranthene	19.313	202	3216943	57.034	ng	100
77) Benzidine	19.513	184	1473612	60.181	ng	99
78) Pyrene	19.689	202	3334872	58.794	ng	99
80) Butylbenzylphthalate	20.630	149	1497716	60.222	ng	98
81) Benzo(a)anthracene	21.613	228	3391233	58.272	ng	99
82) 3,3'-Dichlorobenzidine	21.530	252	1193448	59.308	ng	99
83) Chrysene	21.677	228	3234610	58.306	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	2185686	60.070	ng	99
85) Di-n-octyl phthalate	22.830	149	3857923	59.606	ng	100
87) Indeno(1,2,3-cd)pyrene	28.824	276	4176186	61.276	ng	# 85
88) Benzo(b)fluoranthene	23.930	252	3417862	59.638	ng	99
89) Benzo(k)fluoranthene	24.007	252	3431342	58.674	ng	100
90) Benzo(a)pyrene	24.848	252	3396800	60.523	ng	99
91) Dibenzo(a,h)anthracene	28.906	278	3396390	60.898	ng	99
92) Benzo(g,h,i)perylene	30.012	276	3366014	61.370	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

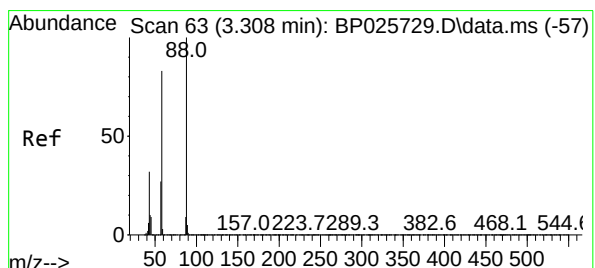
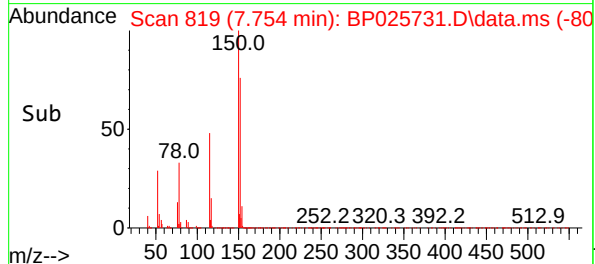
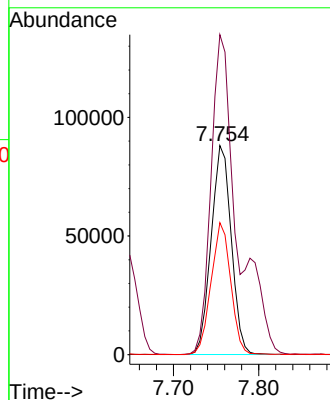
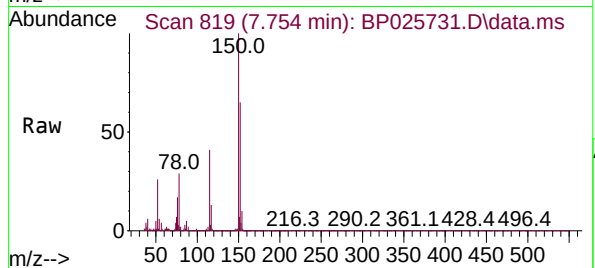
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

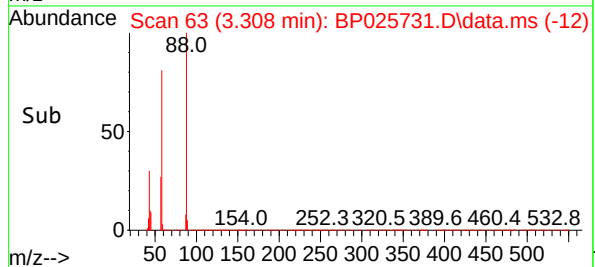
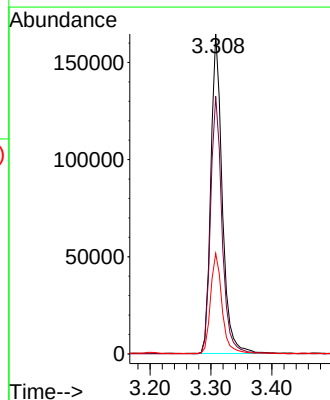
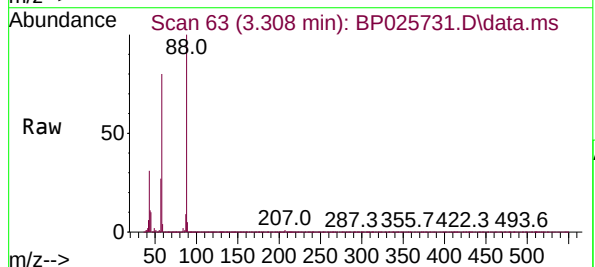
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

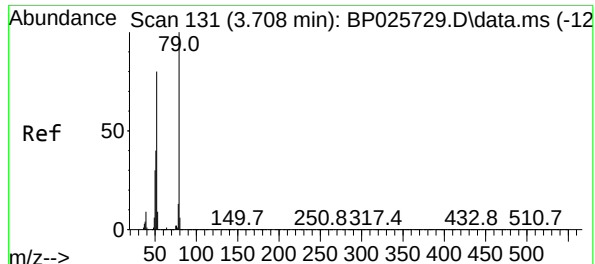
Tgt Ion:152 Resp: 144908
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 63.1 50.3 75.5



#2
1,4-Dioxane
Concen: 56.894 ng
RT: 3.308 min Scan# 63
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 88 Resp: 214449
Ion Ratio Lower Upper
88 100
58 81.2 65.5 98.3
43 31.4 25.2 37.8





#3

Pyridine

Concen: 58.630 ng

RT: 3.708 min Scan# 131

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

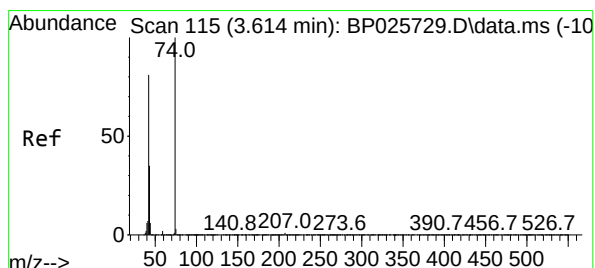
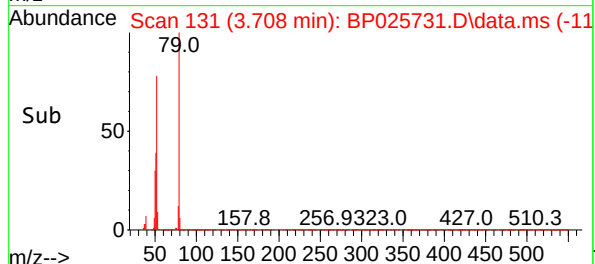
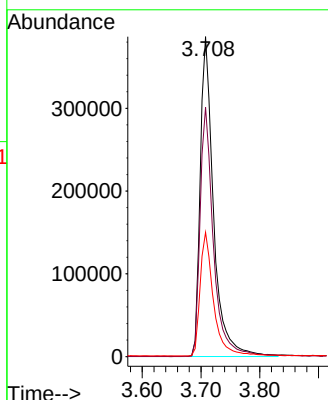
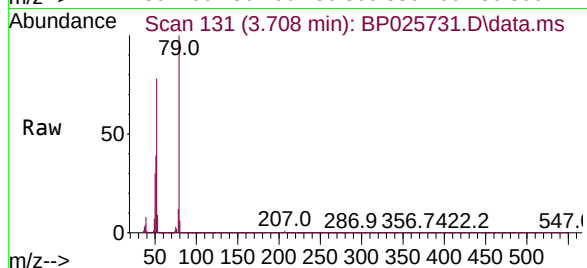
BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 79 Resp: 608506

Ion	Ratio	Lower	Upper
79	100		
52	77.9	63.7	95.5
51	38.8	32.4	48.6



#4

n-Nitrosodimethylamine

Concen: 57.906 ng

RT: 3.614 min Scan# 115

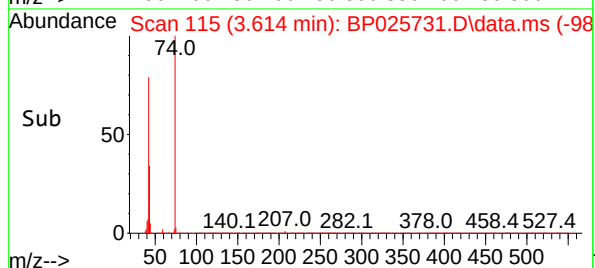
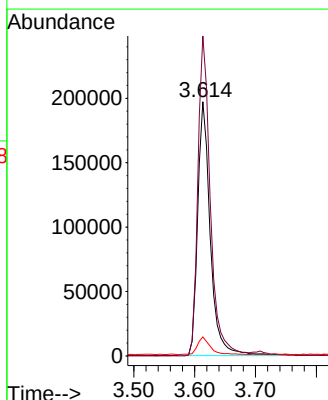
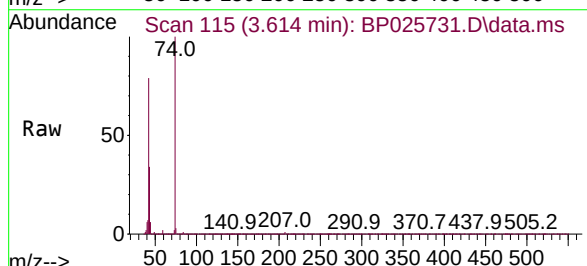
Delta R.T. -0.000 min

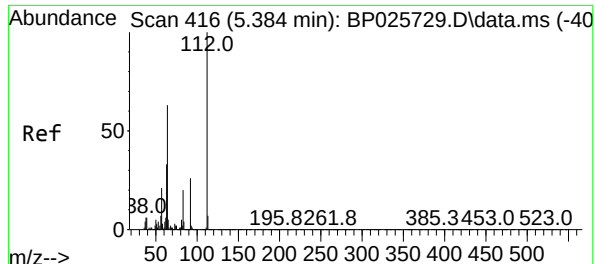
Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion: 42 Resp: 283590

Ion	Ratio	Lower	Upper
42	100		
74	125.9	99.2	148.8
44	7.5	6.4	9.6

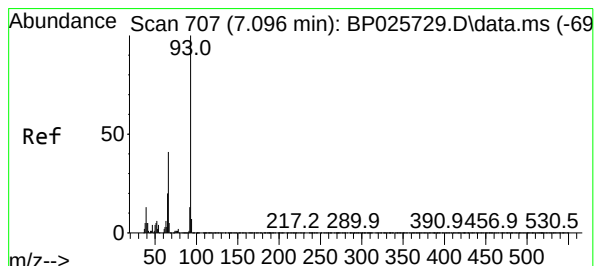
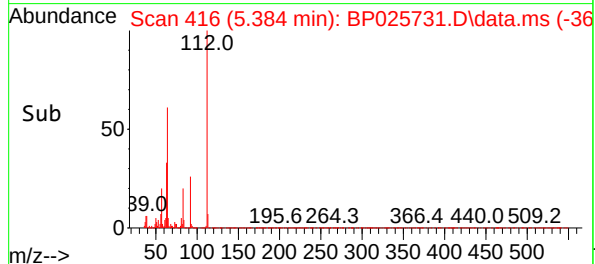
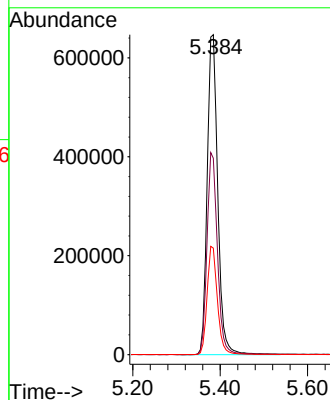
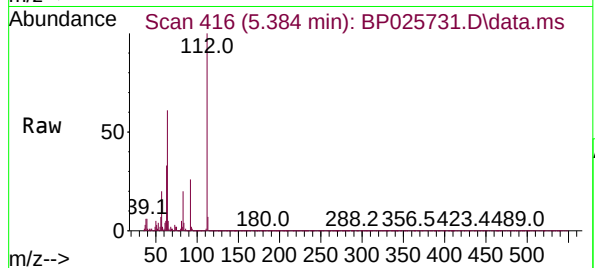




#5
2-Fluorophenol
Concen: 119.885 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

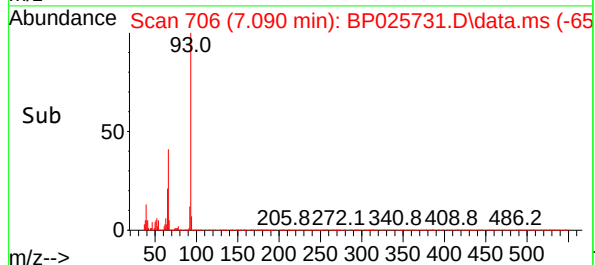
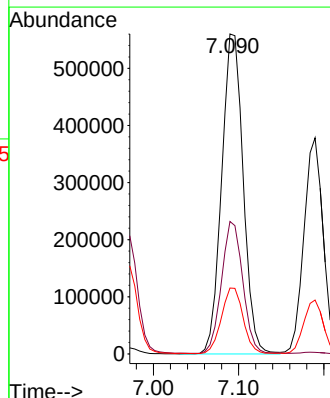
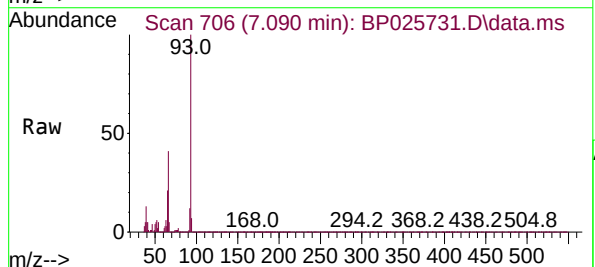
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

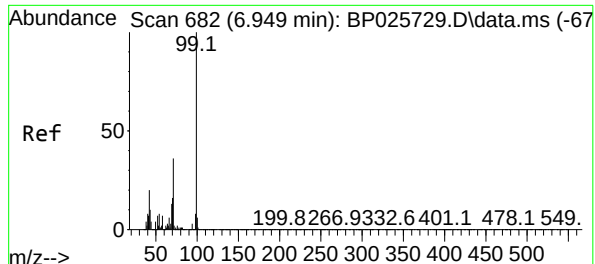
Tgt Ion:112 Resp: 1076648
Ion Ratio Lower Upper
112 100
64 61.4 50.2 75.4
63 33.3 26.7 40.1



#6
Aniline
Concen: 60.086 ng
RT: 7.090 min Scan# 706
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 93 Resp: 984589
Ion Ratio Lower Upper
93 100
66 41.4 32.6 49.0
65 20.6 16.2 24.2

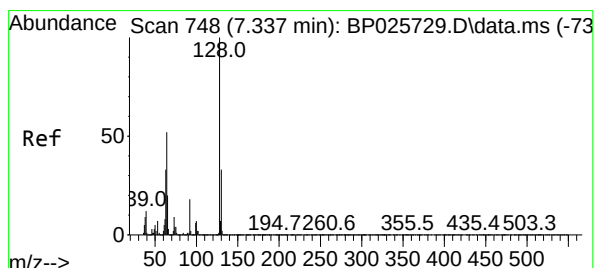
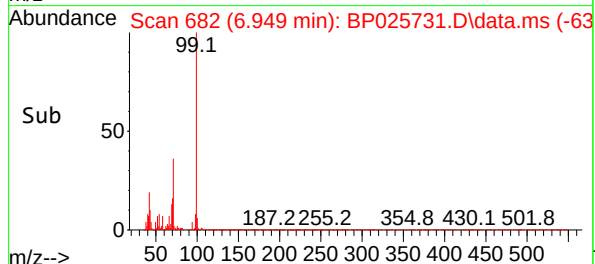
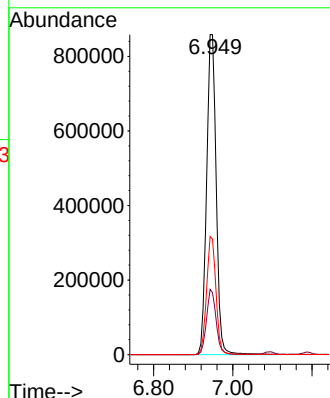
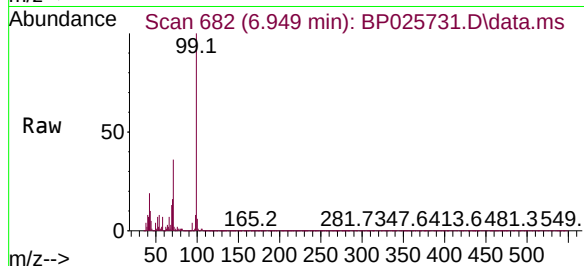




#7
Phenol-d6
Concen: 120.727 ng
RT: 6.949 min Scan# 682
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

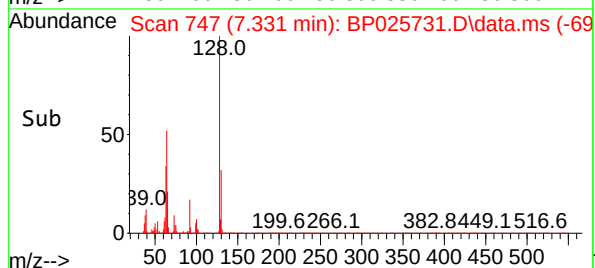
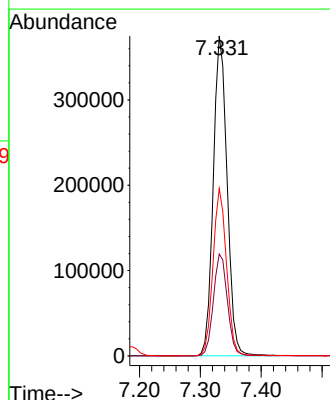
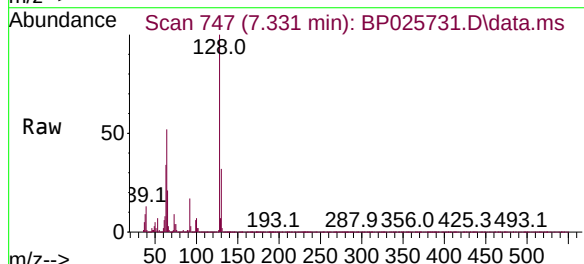
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

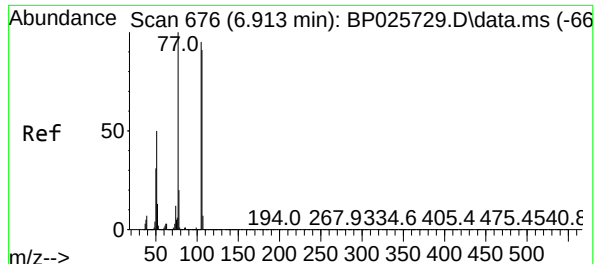
Tgt Ion: 99 Resp: 1441118
Ion Ratio Lower Upper
99 100
42 19.3 15.6 23.4
71 36.1 28.6 43.0



#8
2-Chlorophenol
Concen: 60.261 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:128 Resp: 593699
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 52.3 31.6 71.6

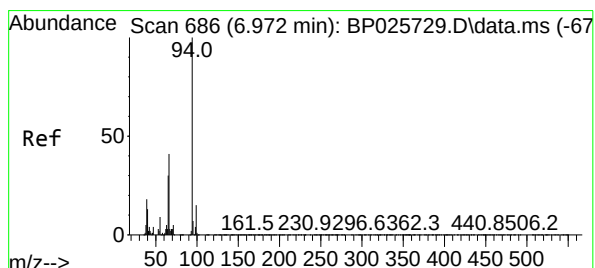
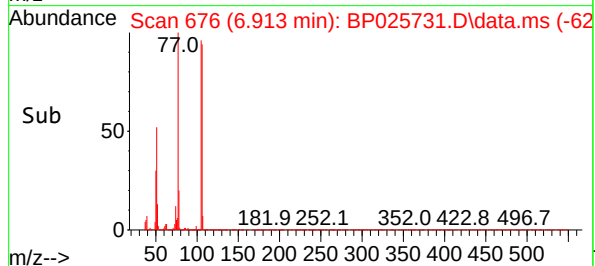
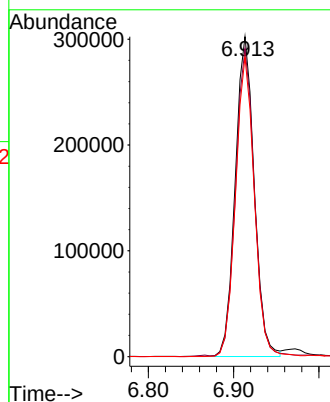
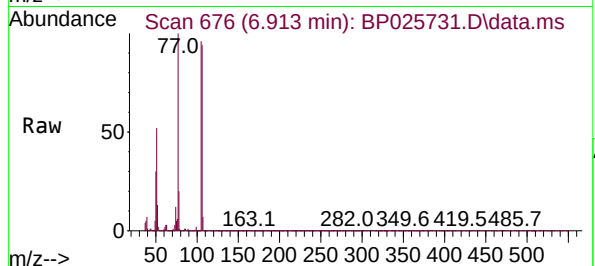




#9
Benzaldehyde
Concen: 65.521 ng
RT: 6.913 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

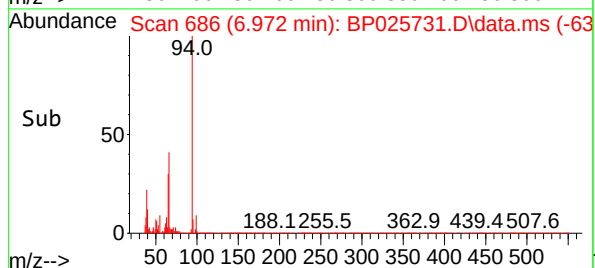
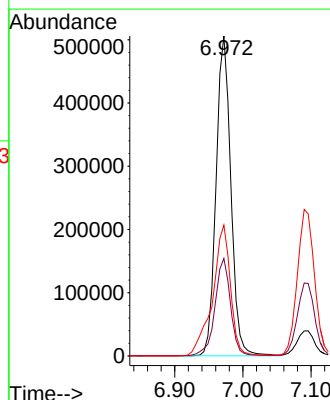
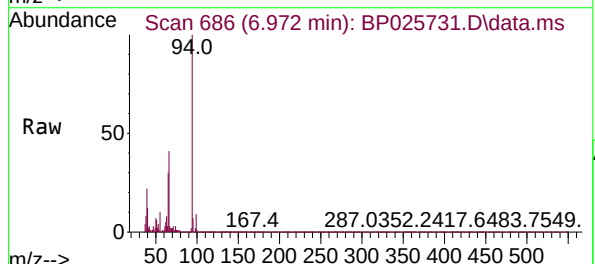
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

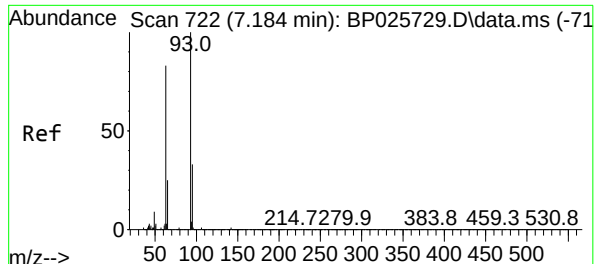
Tgt Ion: 77 Resp: 468269
Ion Ratio Lower Upper
77 100
105 96.3 75.2 115.2
106 93.5 71.3 111.3



#10
Phenol
Concen: 60.475 ng
RT: 6.972 min Scan# 686
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 94 Resp: 761185
Ion Ratio Lower Upper
94 100
65 30.5 10.2 50.2
66 40.9 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 58.820 ng

RT: 7.190 min Scan# 722

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

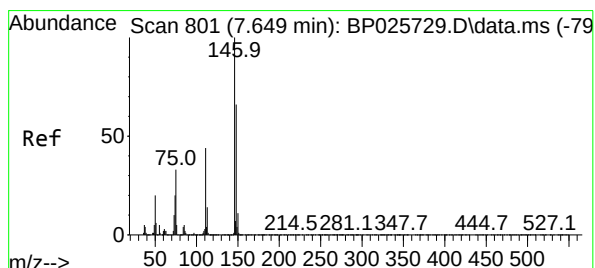
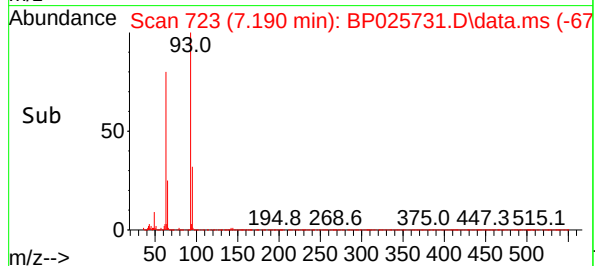
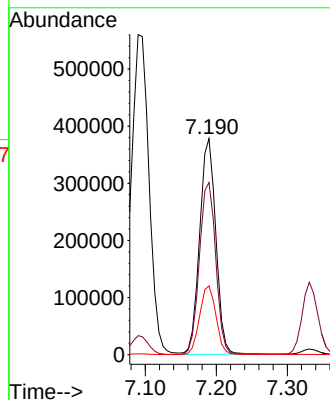
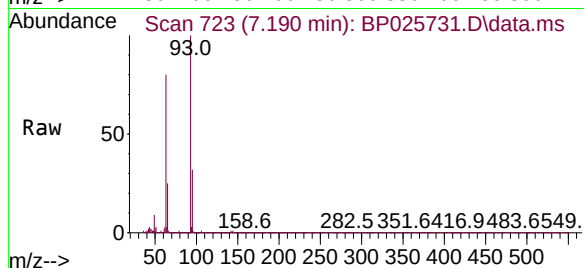
Tgt Ion: 93 Resp: 594817

Ion Ratio Lower Upper

93 100

63 79.6 62.6 102.6

95 31.8 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 57.736 ng

RT: 7.649 min Scan# 801

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

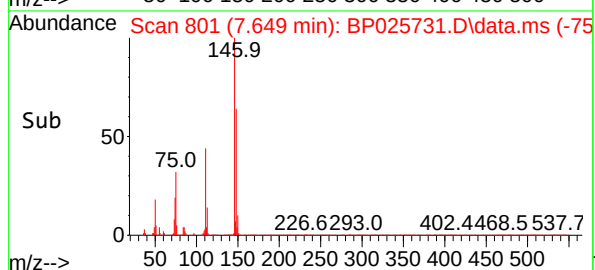
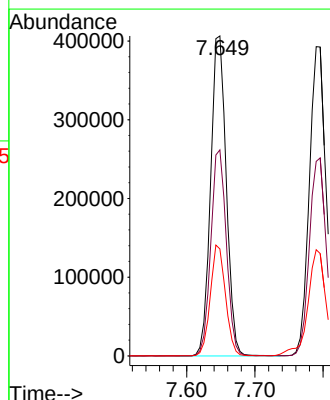
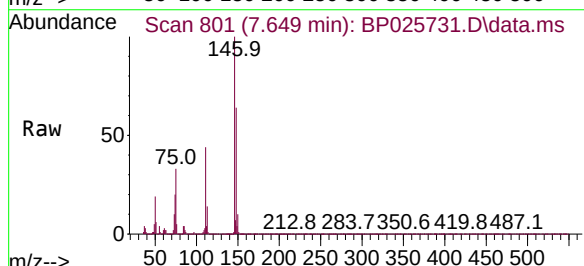
Tgt Ion:146 Resp: 647387

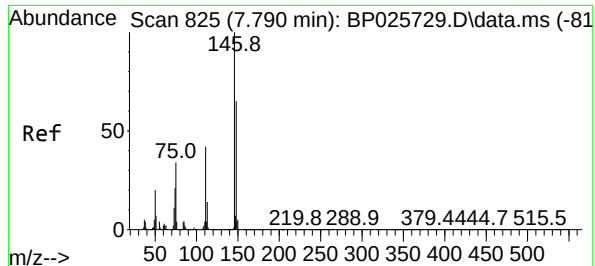
Ion Ratio Lower Upper

146 100

148 64.4 52.7 79.1

75 33.4 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 58.590 ng

RT: 7.790 min Scan# 81

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

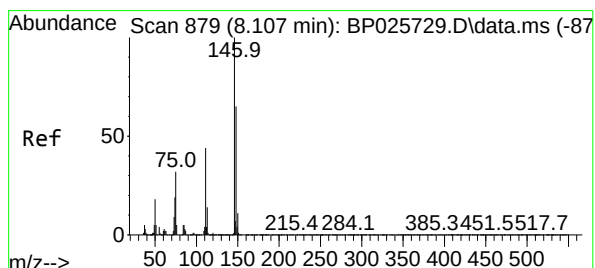
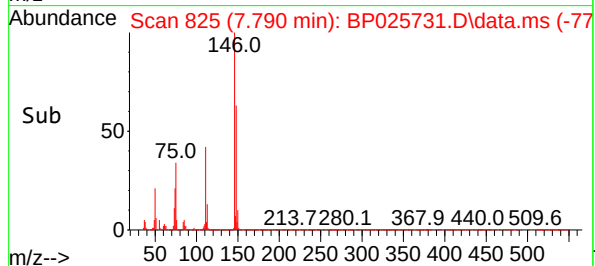
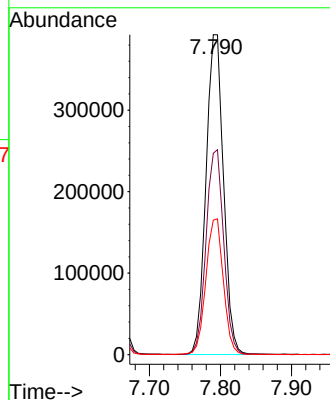
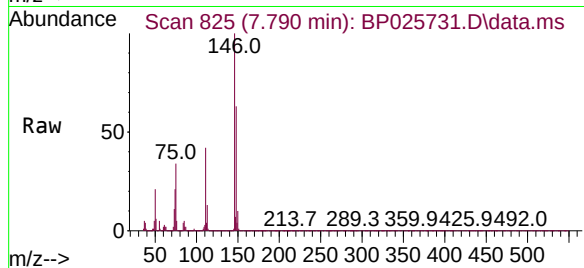
Tgt Ion:146 Resp: 669205

Ion Ratio Lower Upper

146 100

148 62.9 52.0 78.0

111 42.0 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 58.182 ng

RT: 8.107 min Scan# 879

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

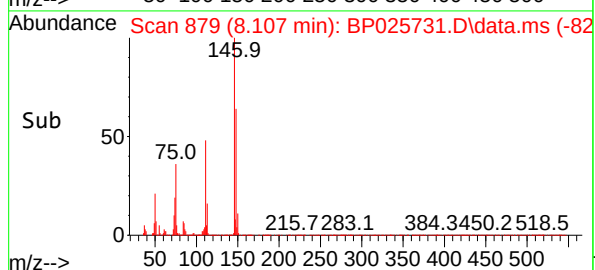
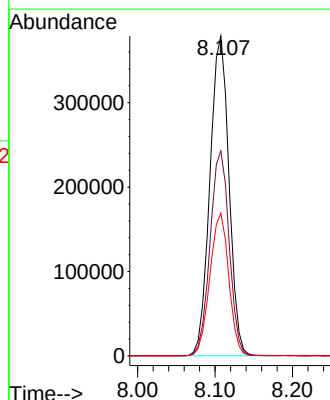
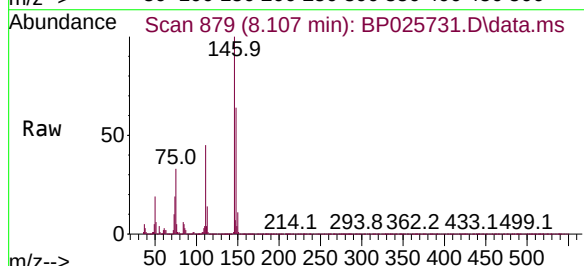
Tgt Ion:146 Resp: 645593

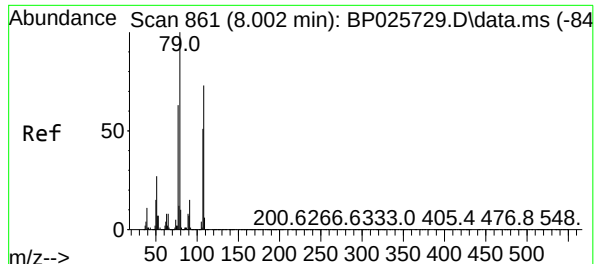
Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

111 44.6 35.5 53.3





#15

Benzyl Alcohol

Concen: 59.518 ng

RT: 7.996 min Scan# 861

Delta R.T. -0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

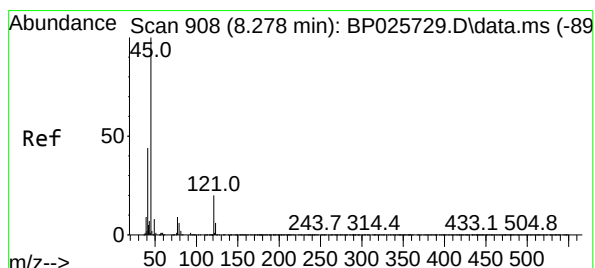
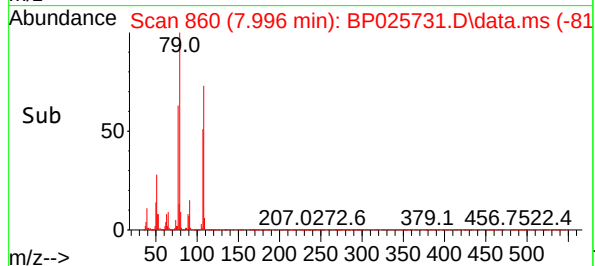
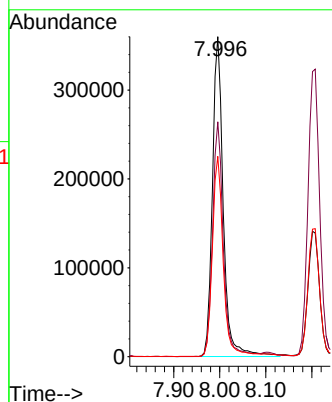
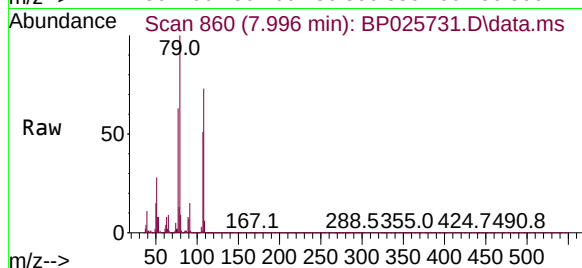
Tgt Ion: 79 Resp: 587082

Ion Ratio Lower Upper

79 100

108 73.4 58.7 88.1

77 62.6 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.880 ng

RT: 8.278 min Scan# 908

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

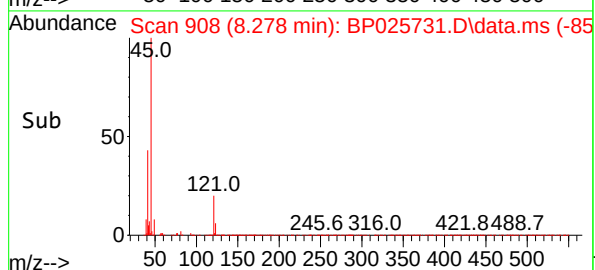
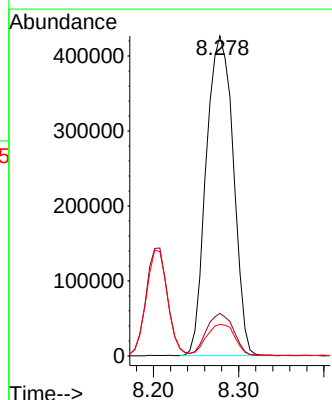
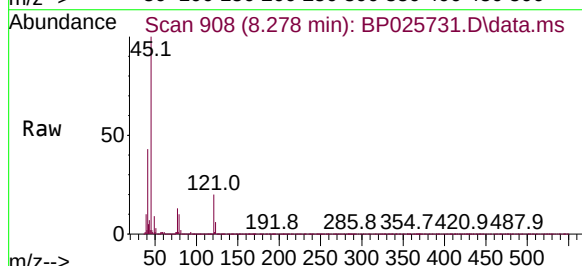
Tgt Ion: 45 Resp: 940663

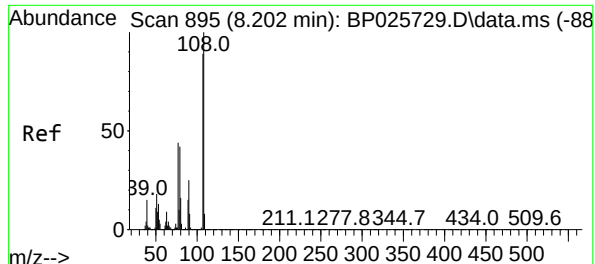
Ion Ratio Lower Upper

45 100

77 13.3 0.0 33.1

79 9.8 0.0 30.0

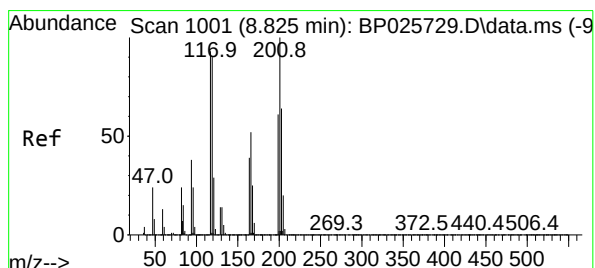
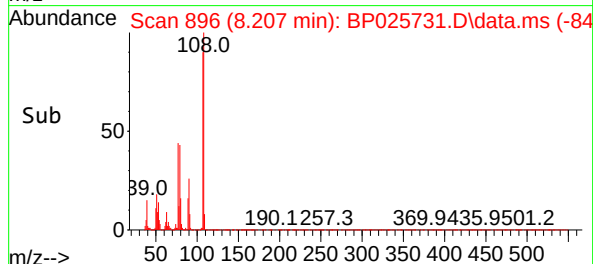
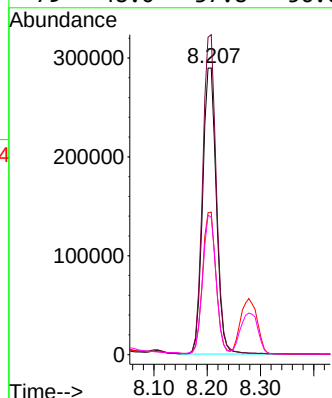
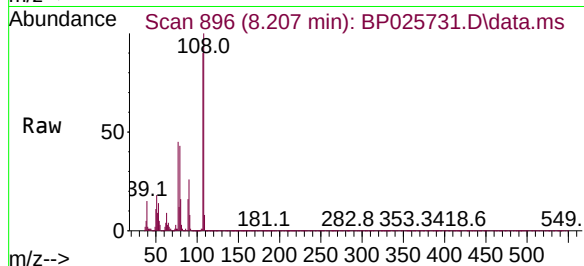




#17
2-Methylphenol
Concen: 60.722 ng
RT: 8.207 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

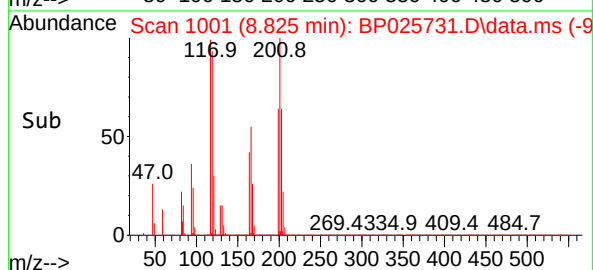
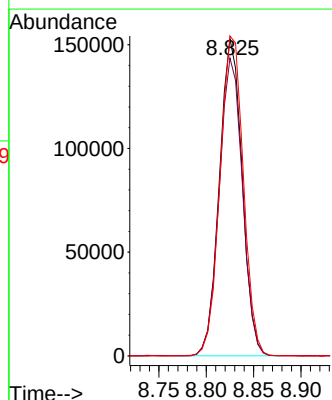
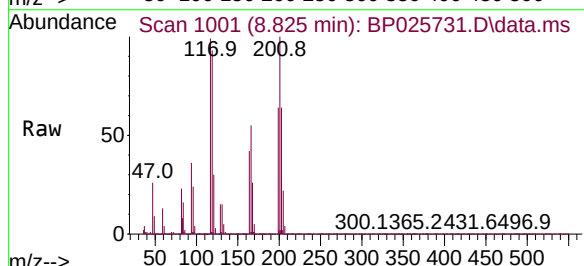
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

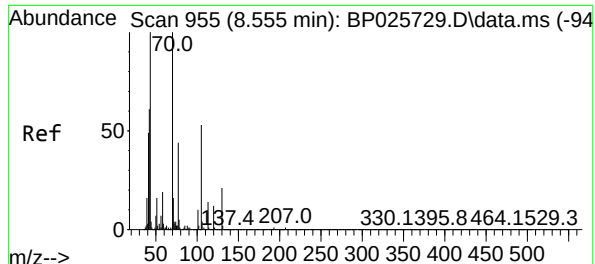
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.6	134.4
77	49.7	39.3	58.9
79	48.0	37.8	56.6



#18
Hexachloroethane
Concen: 58.553 ng
RT: 8.825 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.1	115.7
201	100.9	85.6	128.4





#19

n-Nitroso-di-n-propylamine

Concen: 60.833 ng

RT: 8.560 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 500512

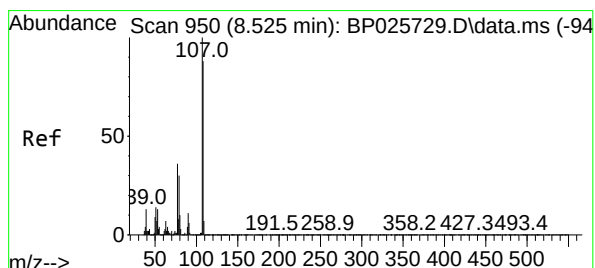
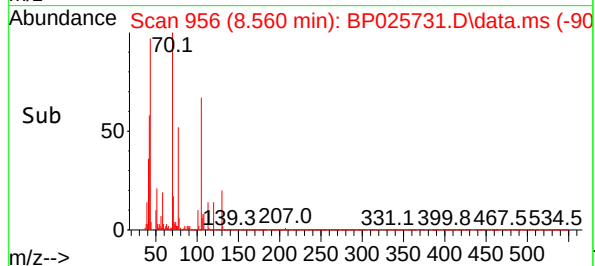
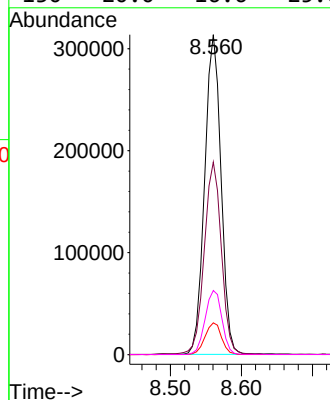
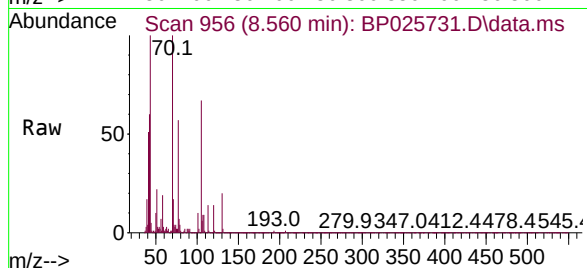
Ion Ratio Lower Upper

70 100

42 60.2 49.0 73.4

101 9.9 7.9 11.9

130 20.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 59.431 ng

RT: 8.531 min Scan# 951

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion: 107 Resp: 706319

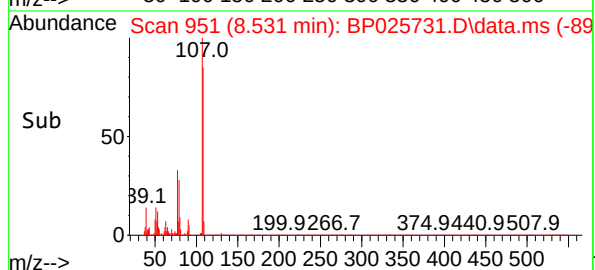
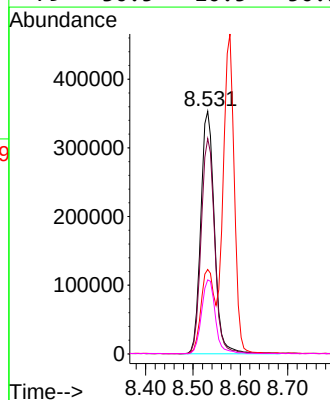
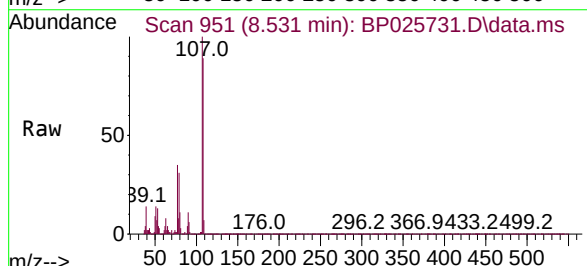
Ion Ratio Lower Upper

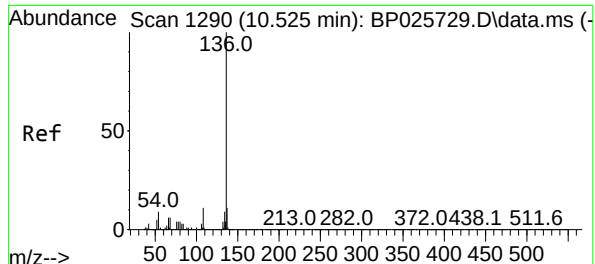
107 100

108 88.7 67.8 107.8

77 34.8 16.1 56.1

79 30.5 10.5 50.5

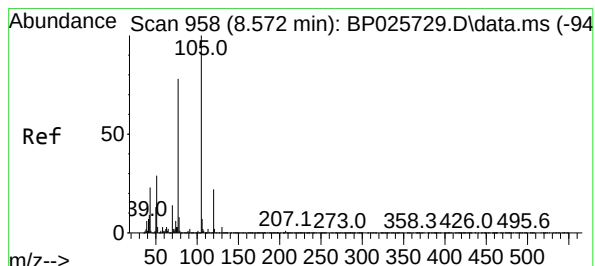
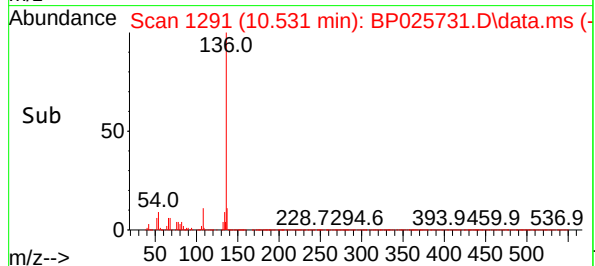
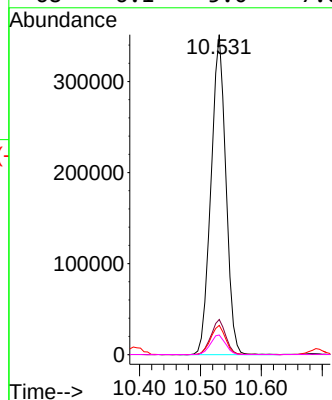
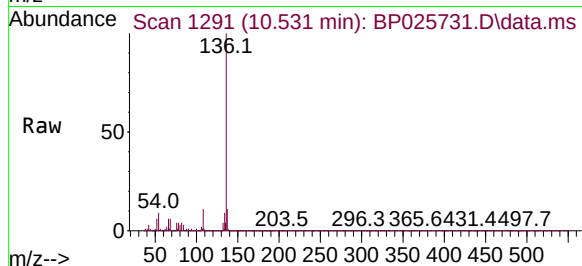




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.531 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

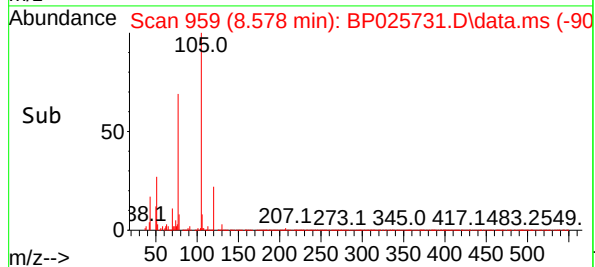
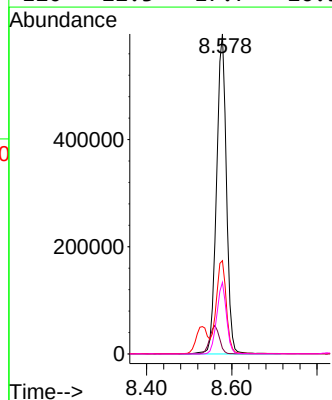
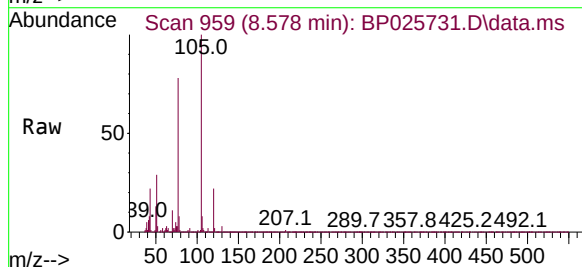
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

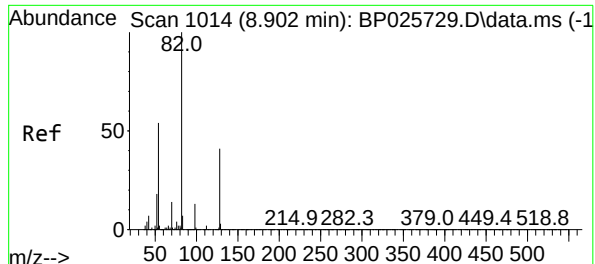
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.1	7.5	11.3
68	6.1	5.0	7.6



#22
Acetophenone
Concen: 60.398 ng
RT: 8.578 min Scan# 959
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.8	2.8
51	29.1	23.5	35.3
120	22.3	17.7	26.5

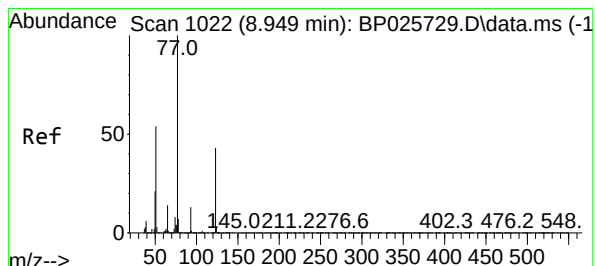
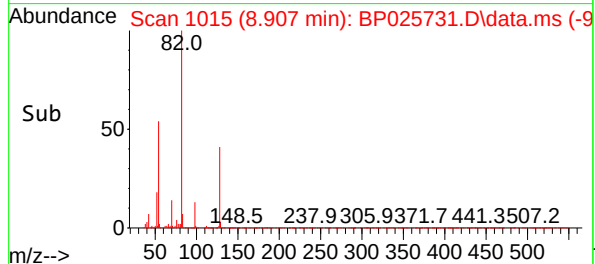
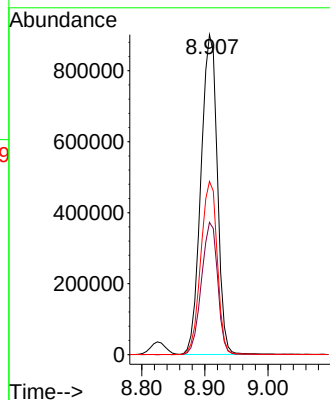
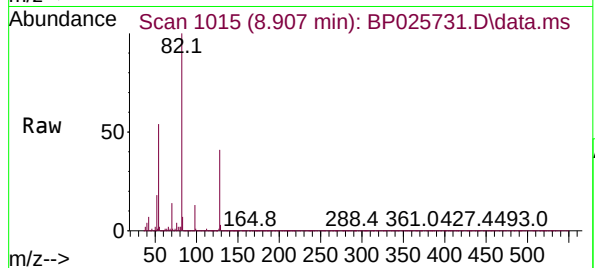




#23
Nitrobenzene-d5
Concen: 120.514 ng
RT: 8.907 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

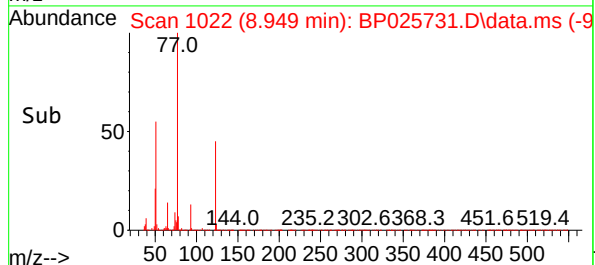
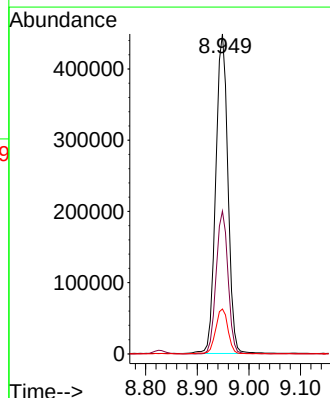
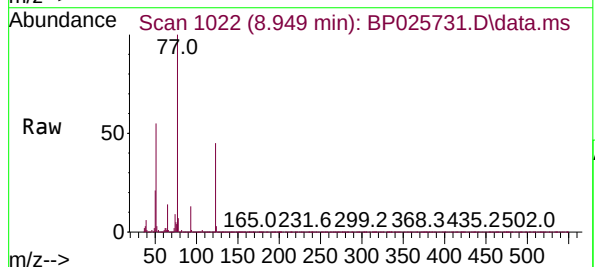
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

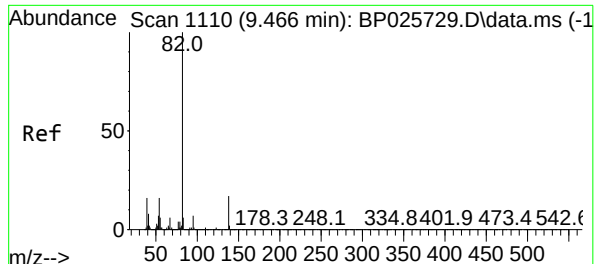
Tgt Ion: 82 Resp: 1624115
Ion Ratio Lower Upper
82 100
128 41.3 32.9 49.3
54 54.1 43.4 65.2



#24
Nitrobenzene
Concen: 60.626 ng
RT: 8.949 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 77 Resp: 732954
Ion Ratio Lower Upper
77 100
123 44.6 34.4 51.6
65 14.0 10.8 16.2

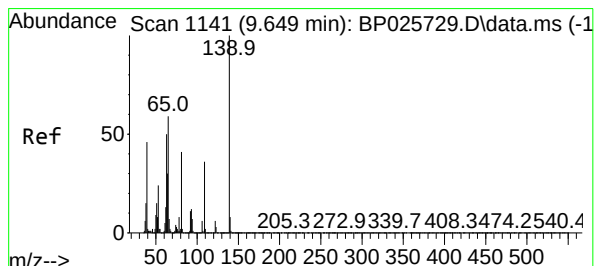
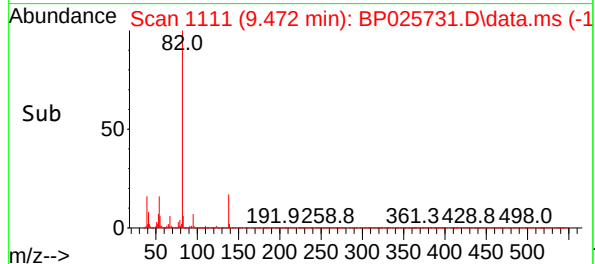
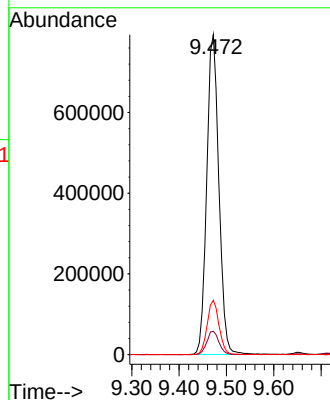
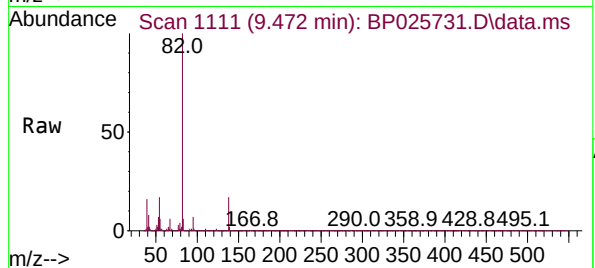




#25
Isophorone
Concen: 59.586 ng
RT: 9.472 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

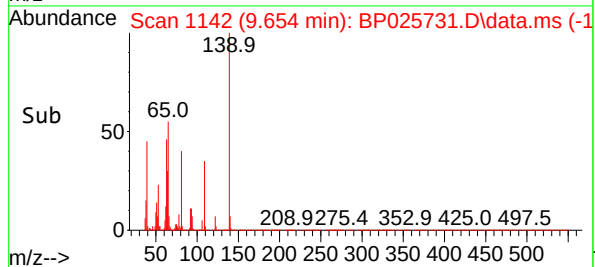
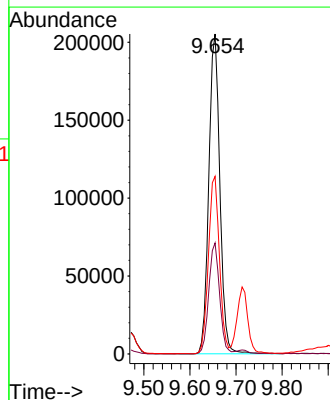
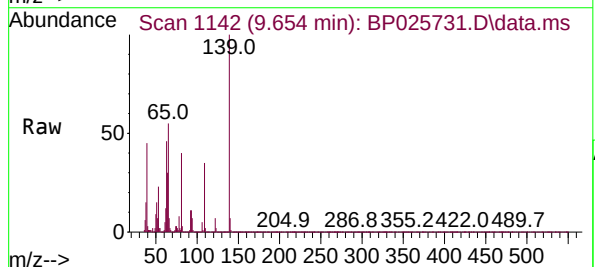
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

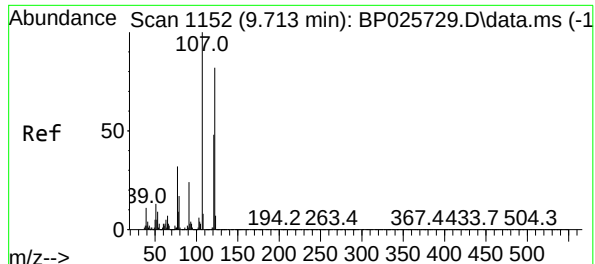
Tgt Ion: 82 Resp: 1411439
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 17.0 13.5 20.3



#26
2-Nitrophenol
Concen: 63.706 ng
RT: 9.654 min Scan# 1142
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 139 Resp: 341952
Ion Ratio Lower Upper
139 100
109 34.7 29.0 43.4
65 55.5 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 60.651 ng

RT: 9.713 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

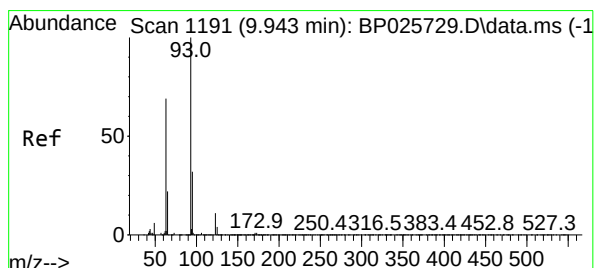
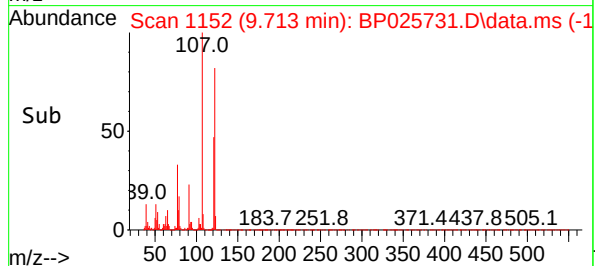
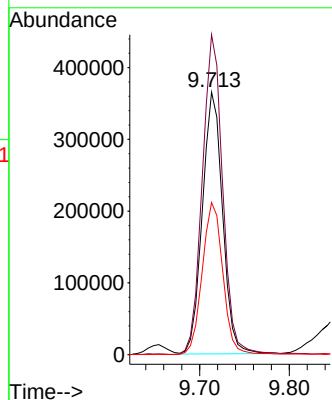
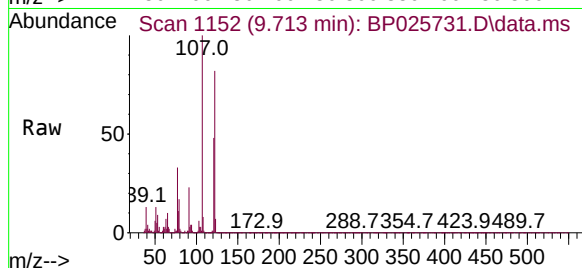
Tgt Ion:122 Resp: 571131

Ion Ratio Lower Upper

122 100

107 121.9 97.9 146.9

121 57.9 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 58.855 ng

RT: 9.948 min Scan# 1192

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

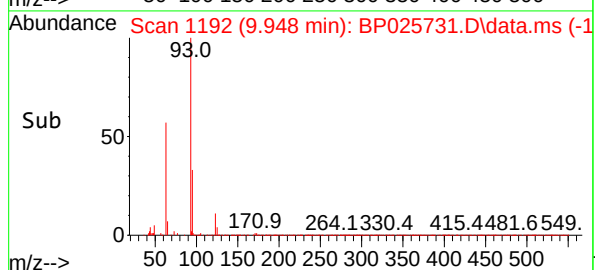
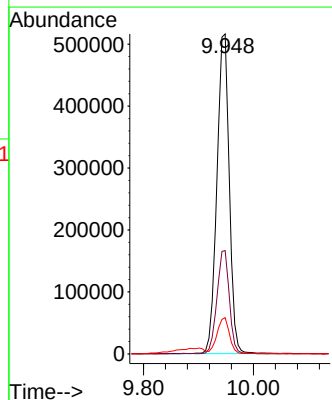
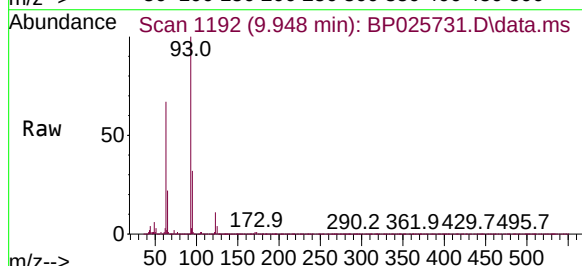
Tgt Ion: 93 Resp: 805869

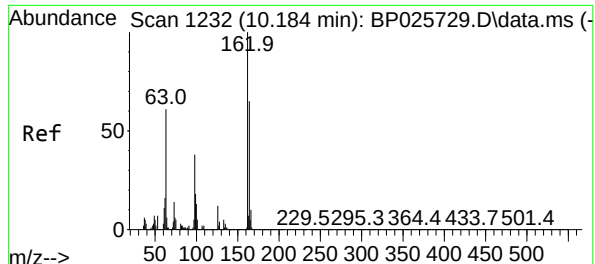
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 62.152 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

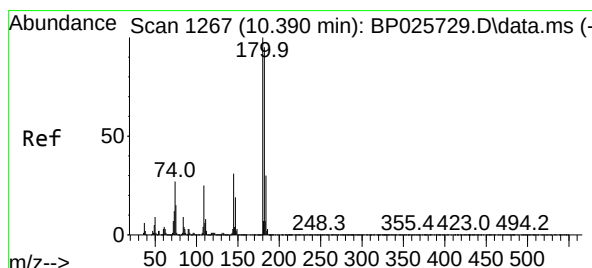
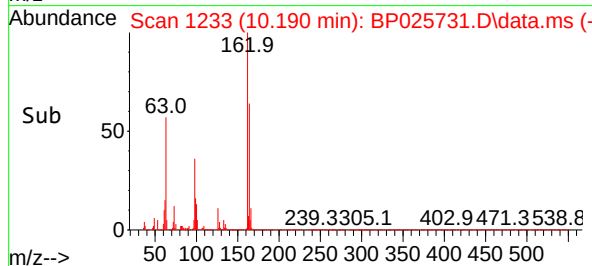
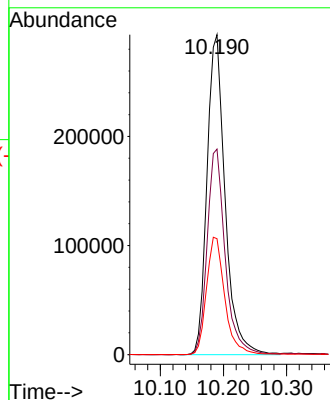
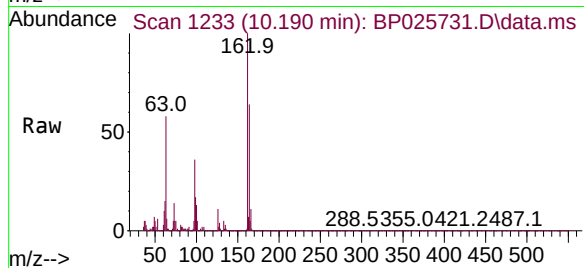
Tgt Ion:162 Resp: 583539

Ion Ratio Lower Upper

162 100

164 64.2 44.7 84.7

98 36.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 58.392 ng

RT: 10.396 min Scan# 1268

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

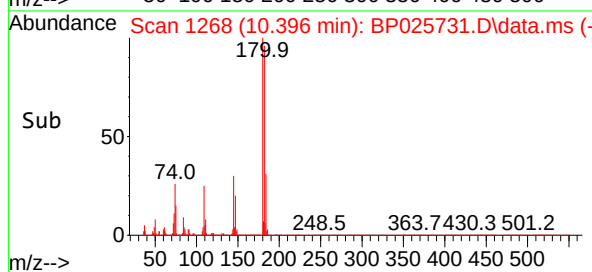
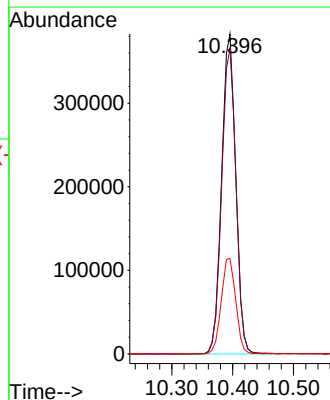
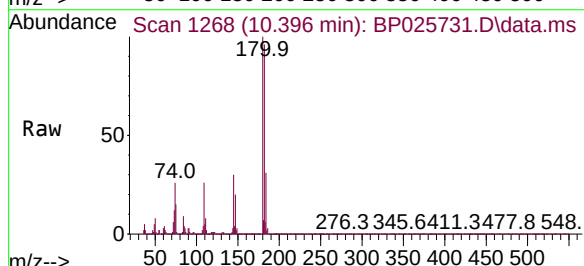
Tgt Ion:180 Resp: 617864

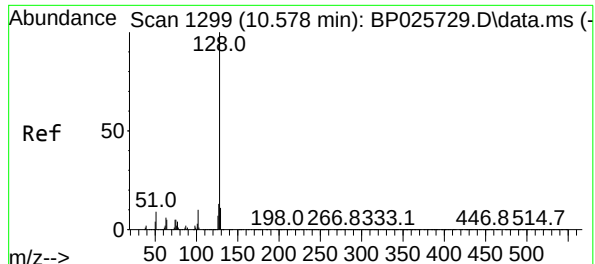
Ion Ratio Lower Upper

180 100

182 95.5 76.0 114.0

145 29.8 24.7 37.1

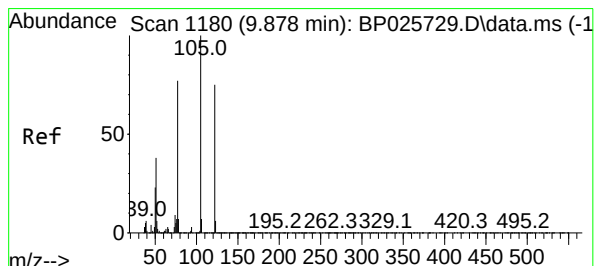
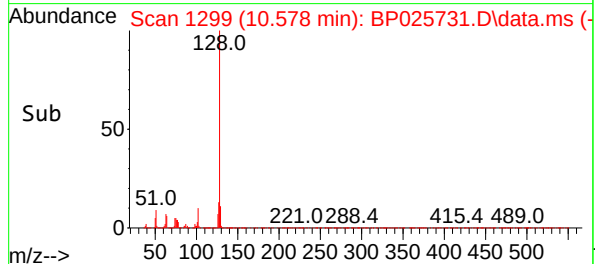
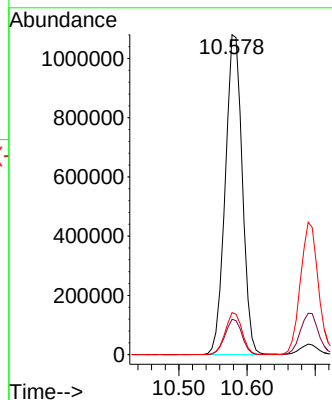
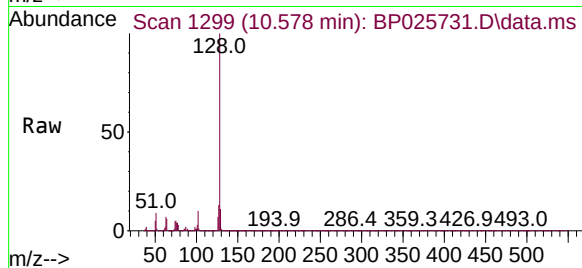




#31
Naphthalene
Concen: 58.065 ng
RT: 10.578 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

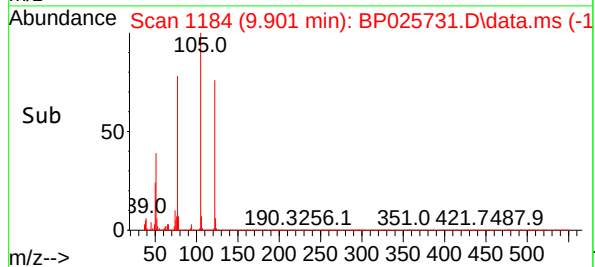
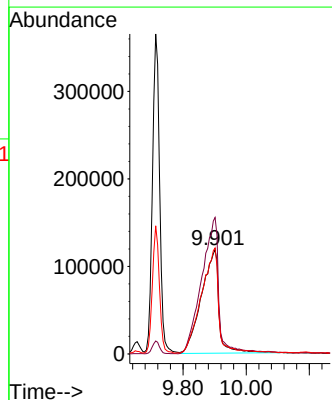
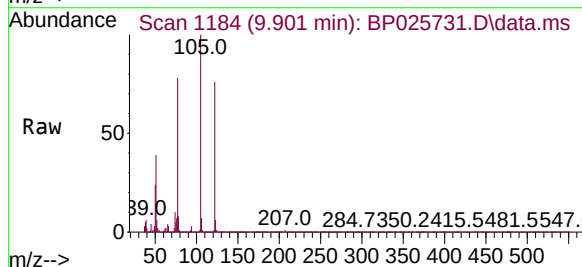
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

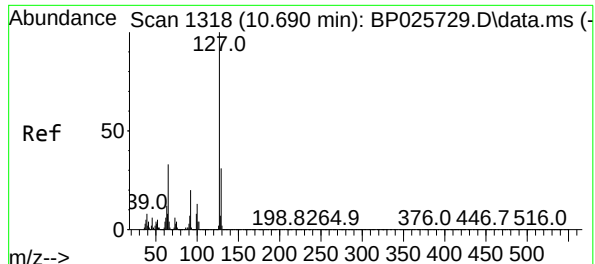
Tgt Ion:128 Resp: 1861226
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 65.376 ng
RT: 9.901 min Scan# 1184
Delta R.T. 0.023 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:122 Resp: 457710
Ion Ratio Lower Upper
122 100
105 131.1 111.5 151.5
77 101.9 81.8 121.8

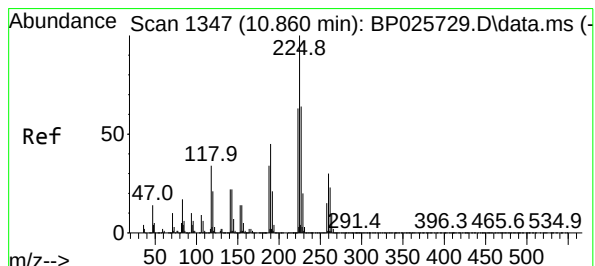
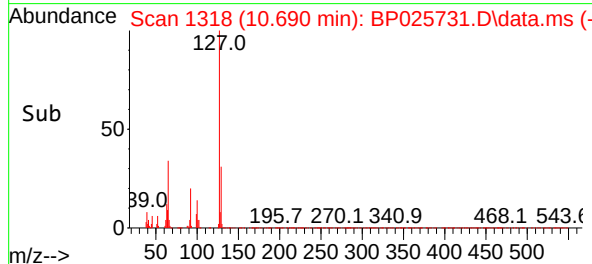
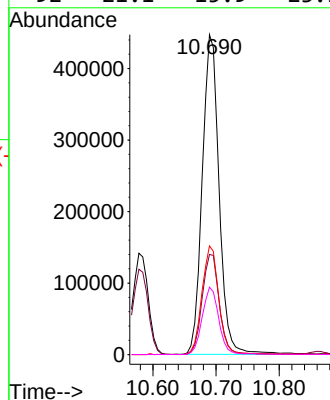
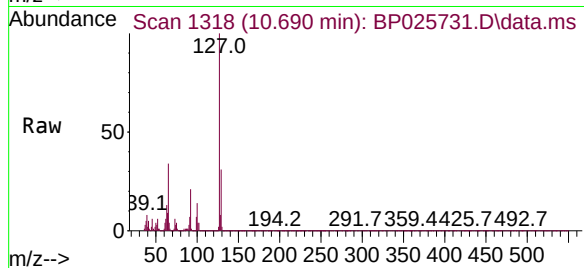




#33
4-Chloroaniline
Concen: 62.014 ng
RT: 10.690 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

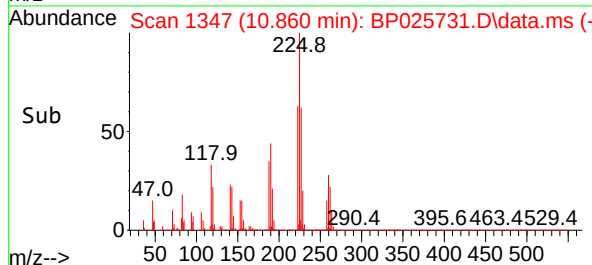
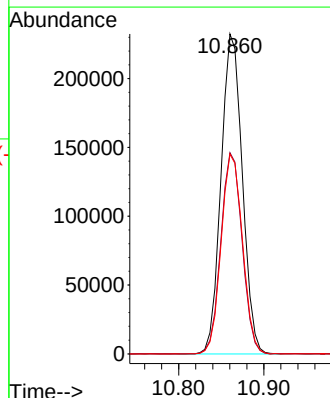
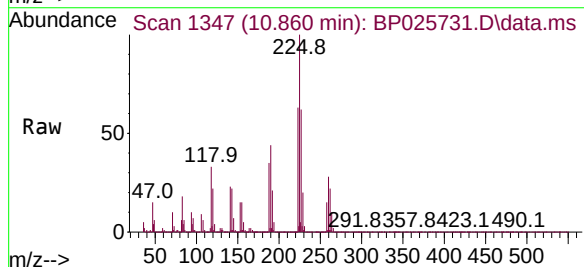
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

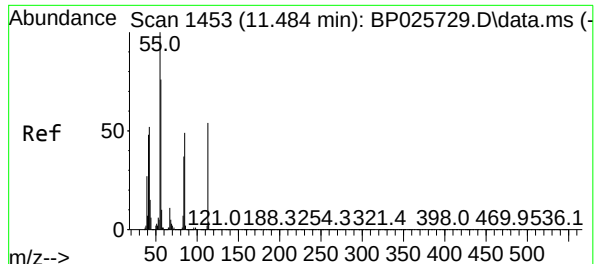
Tgt Ion:	127	Resp:	828517
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.1	37.7
65	34.0	26.4	39.6
92	21.1	15.9	23.9



#34
Hexachlorobutadiene
Concen: 59.079 ng
RT: 10.860 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:	225	Resp:	402426
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	62.4	51.2	76.8

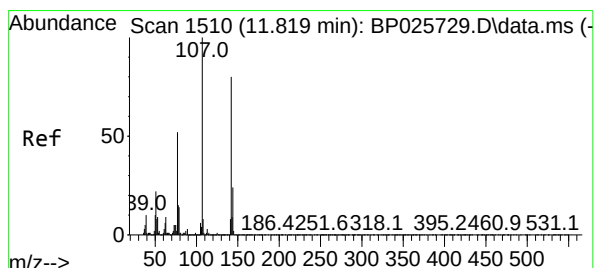
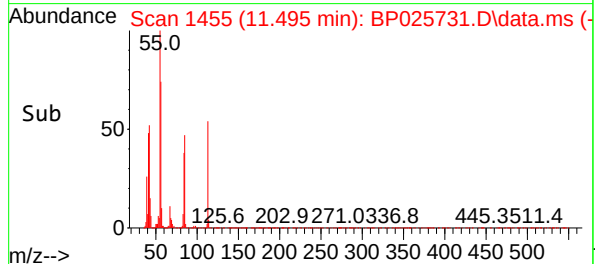
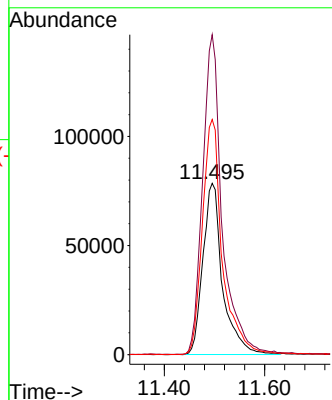
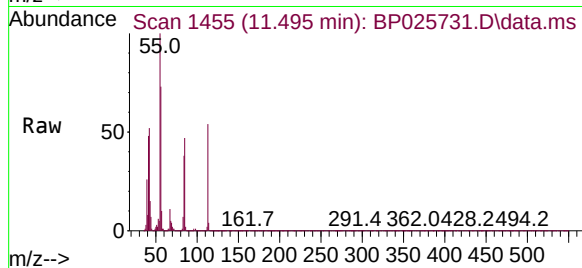




#35
Caprolactam
Concen: 59.232 ng
RT: 11.495 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

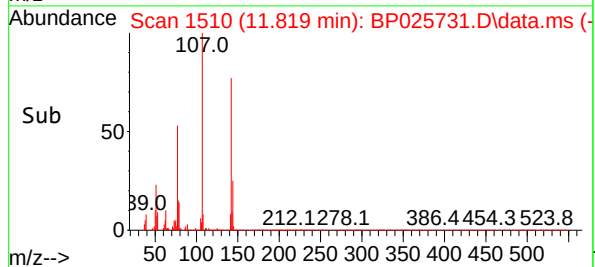
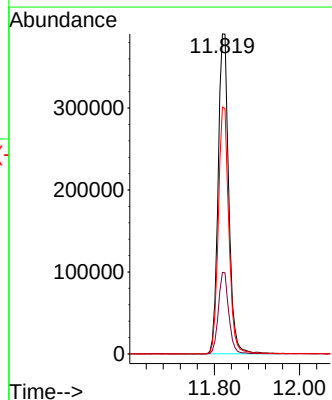
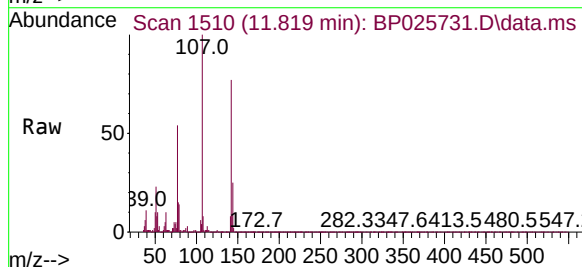
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

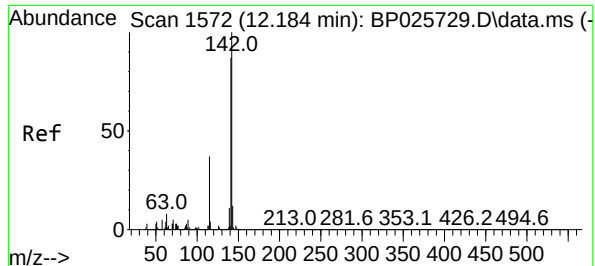
Tgt Ion:113 Resp: 213931
Ion Ratio Lower Upper
113 100
55 186.8 165.5 205.5
56 137.2 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 60.073 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:107 Resp: 672438
Ion Ratio Lower Upper
107 100
144 25.5 19.4 29.2
142 77.1 63.8 95.6

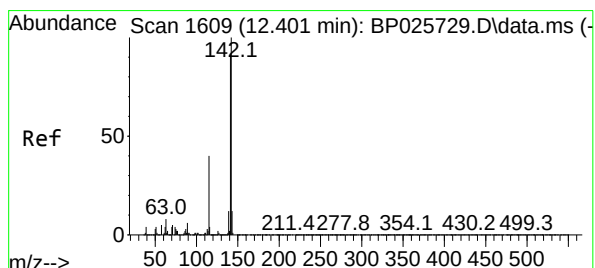
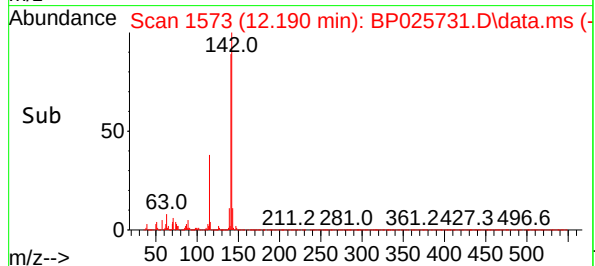
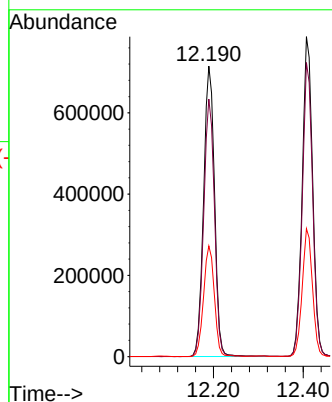
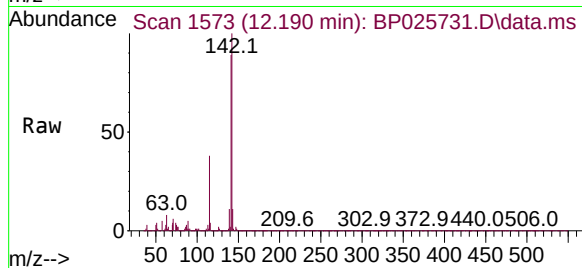




#37
2-Methylnaphthalene
Concen: 58.676 ng
RT: 12.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

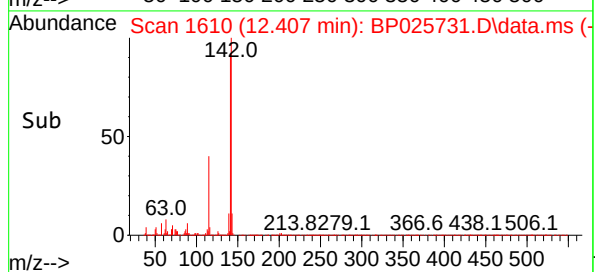
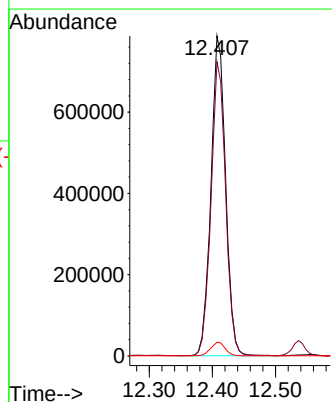
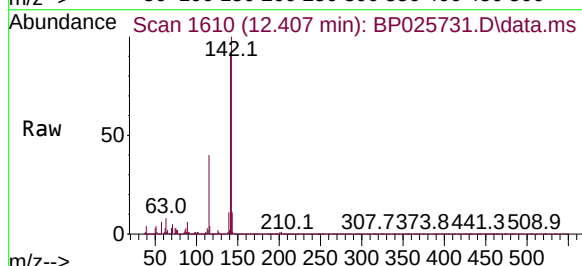
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

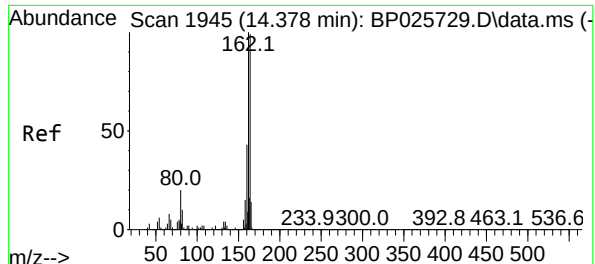
Tgt Ion:142 Resp: 1207999
Ion Ratio Lower Upper
142 100
141 88.7 69.6 104.4
115 38.1 30.0 45.0



#38
1-Methylnaphthalene
Concen: 57.909 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:142 Resp: 1271354
Ion Ratio Lower Upper
142 100
141 91.9 72.7 109.1
116 4.3 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.389 min Scan# 1947

Delta R.T. 0.012 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

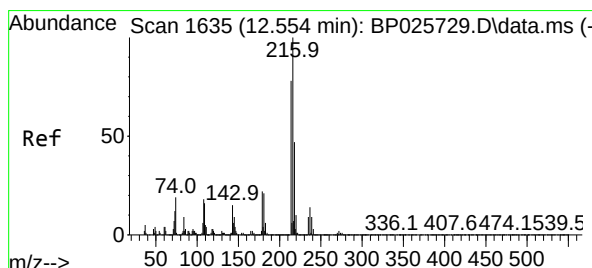
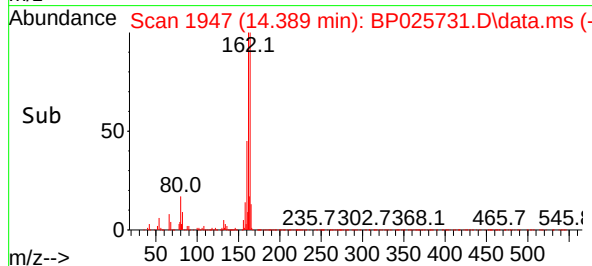
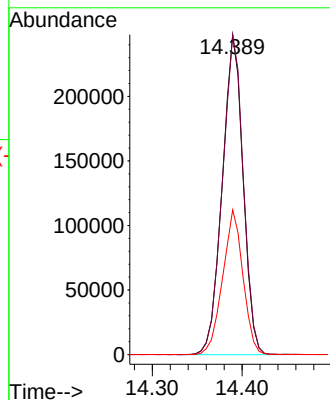
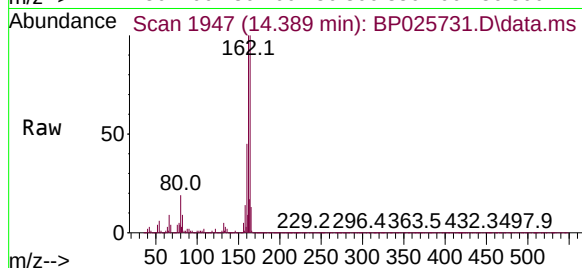
Tgt Ion:164 Resp: 399973

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

160 45.4 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 59.814 ng

RT: 12.560 min Scan# 1636

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion:216 Resp: 724963

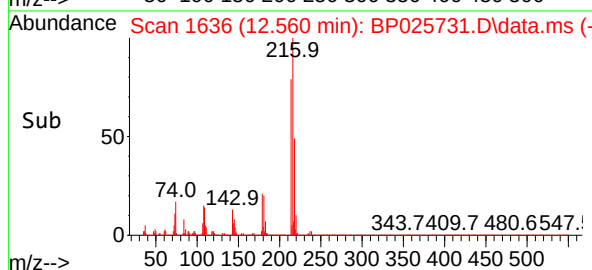
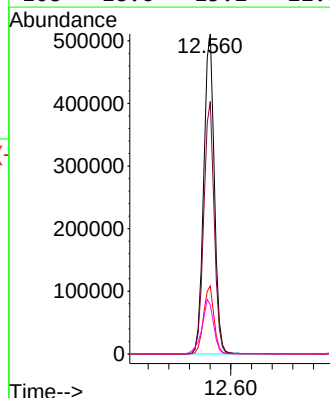
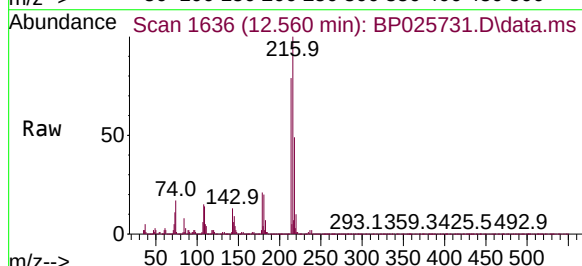
Ion Ratio Lower Upper

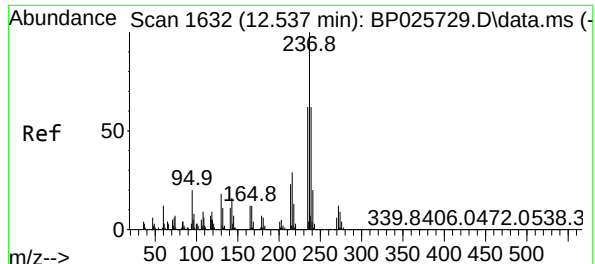
216 100

214 77.9 62.4 93.6

179 21.1 17.0 25.6

108 18.6 15.2 22.8

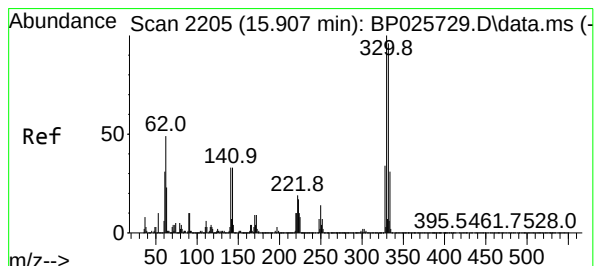
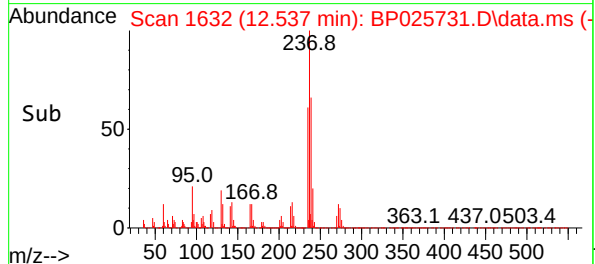
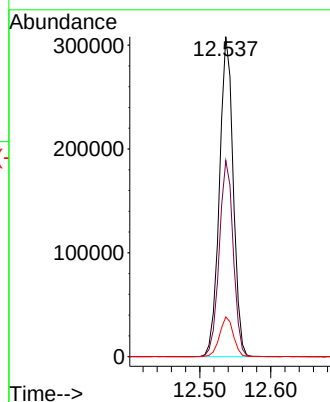
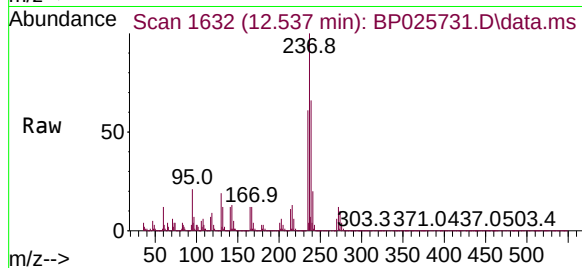




#41
Hexachlorocyclopentadiene
Concen: 63.104 ng
RT: 12.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

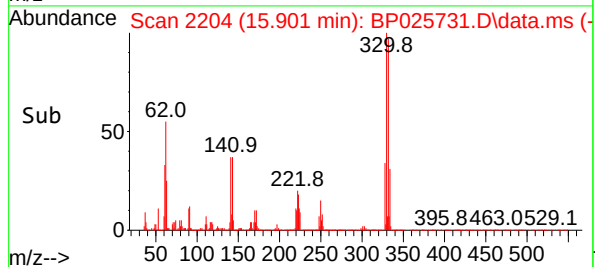
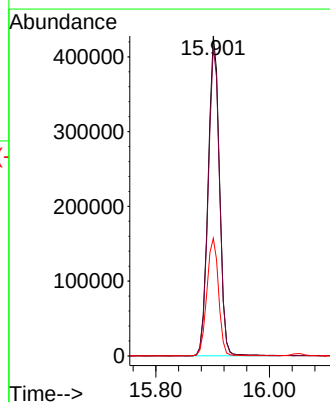
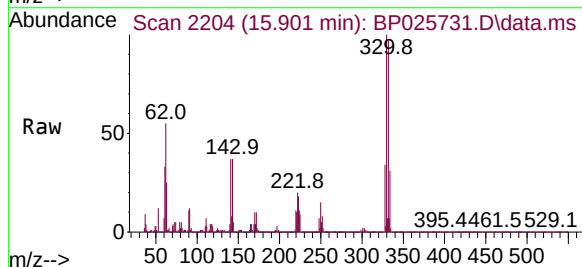
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

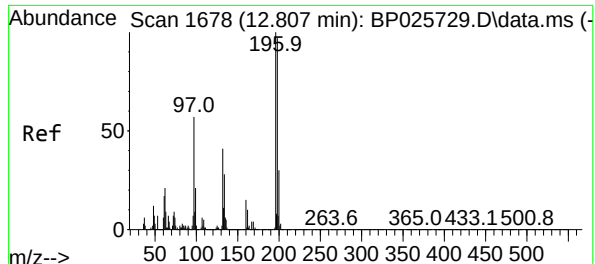
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.3	41.9	81.9
272	12.4	0.0	31.8



#42
2,4,6-Tribromophenol
Concen: 119.643 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	37.5	31.0	46.4





#43

2,4,6-Trichlorophenol

Concen: 61.525 ng

RT: 12.807 min Scan# 1678

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

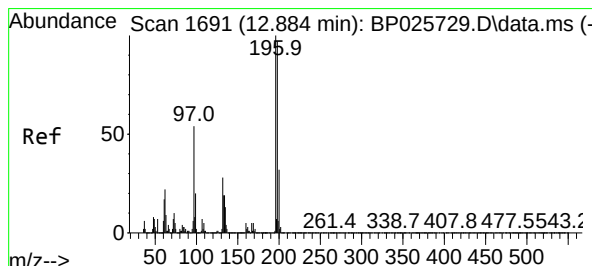
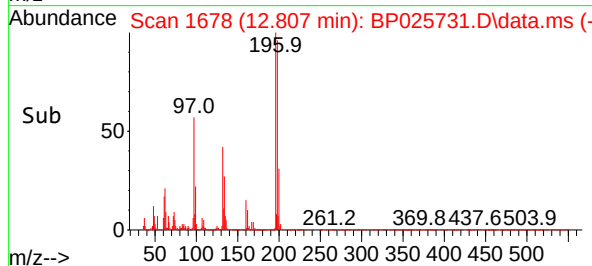
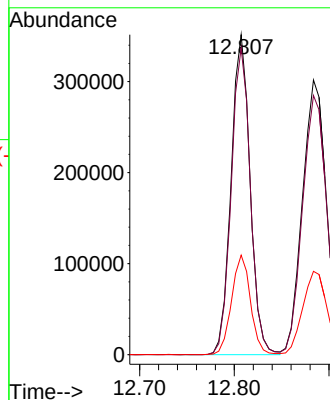
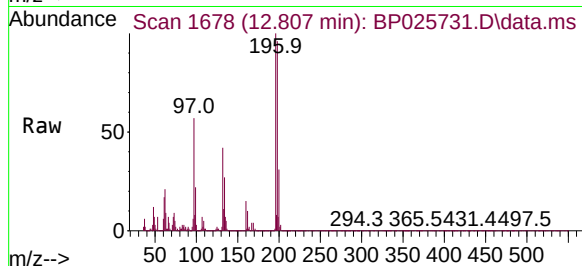
Tgt Ion:196 Resp: 490224

Ion Ratio Lower Upper

196 100

198 95.8 77.2 115.8

200 31.1 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 61.887 ng

RT: 12.884 min Scan# 1691

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Tgt Ion:196 Resp: 548795

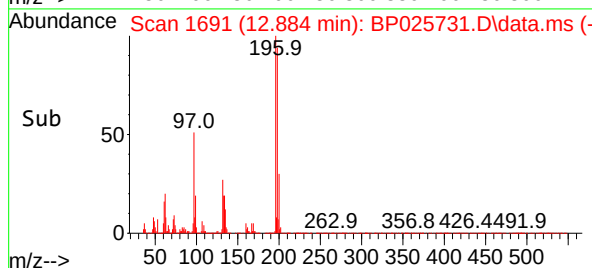
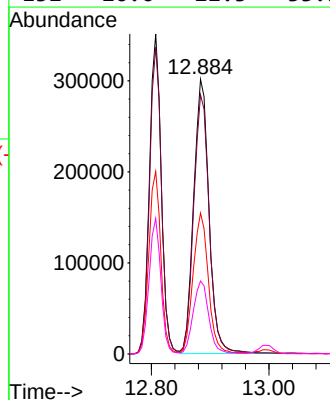
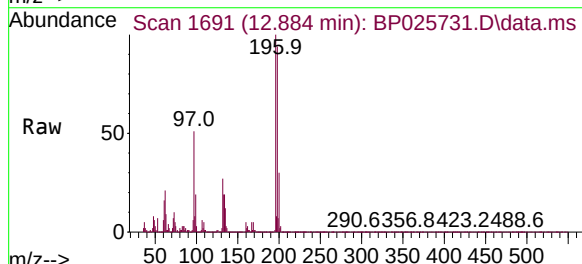
Ion Ratio Lower Upper

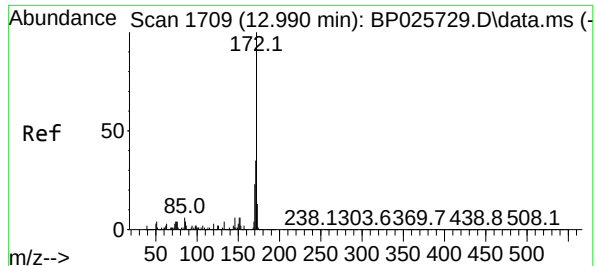
196 100

198 94.4 77.8 116.8

97 51.3 43.3 64.9

132 26.6 22.3 33.5

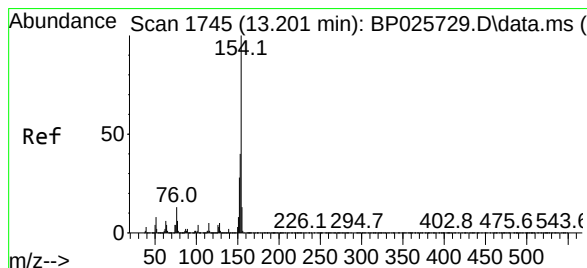
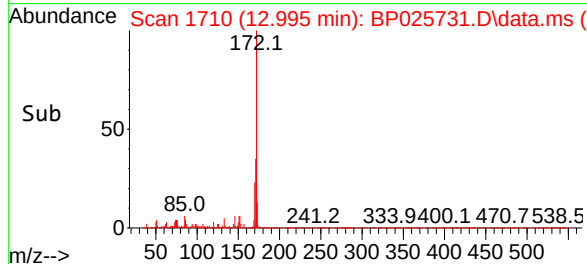
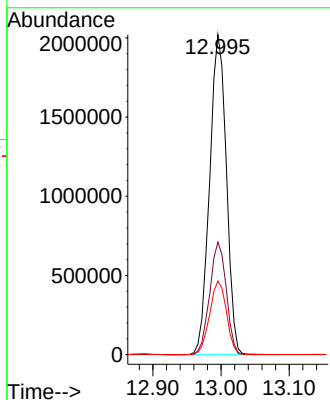
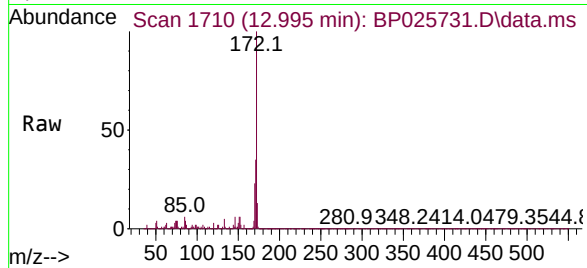




#45
2-Fluorobiphenyl
Concen: 114.546 ng
RT: 12.995 min Scan# 1709
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

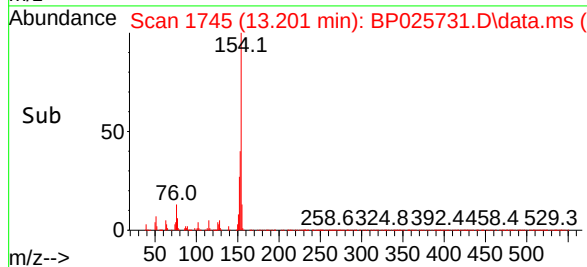
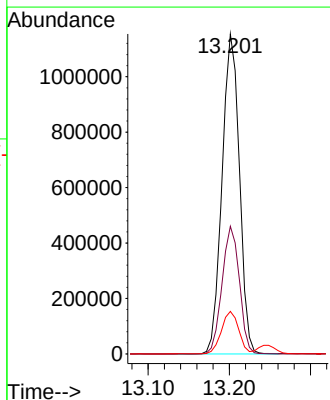
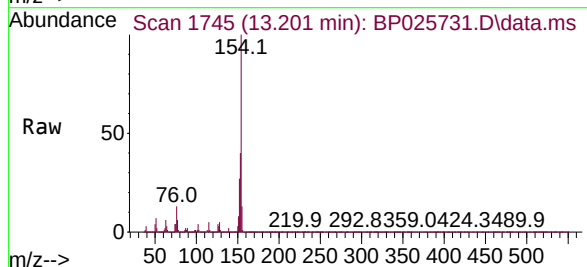
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

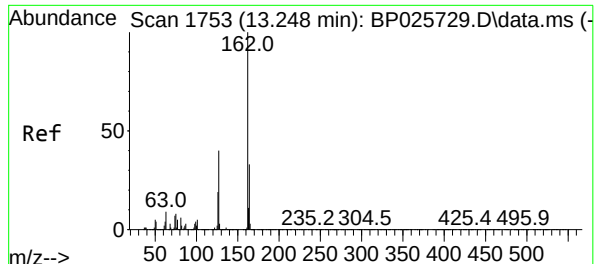
Tgt Ion:172 Resp: 3440852
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.6
170 23.0 18.6 27.8



#46
1,1'-Biphenyl
Concen: 58.250 ng
RT: 13.201 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:154 Resp: 1710115
Ion Ratio Lower Upper
154 100
153 39.9 19.7 59.7
76 13.3 0.0 33.3

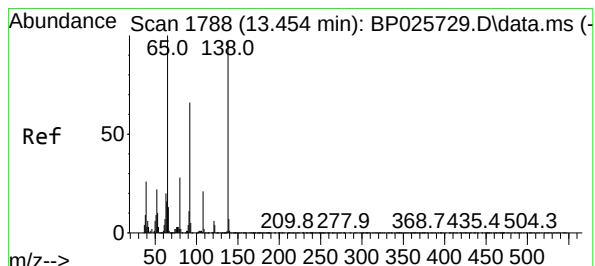
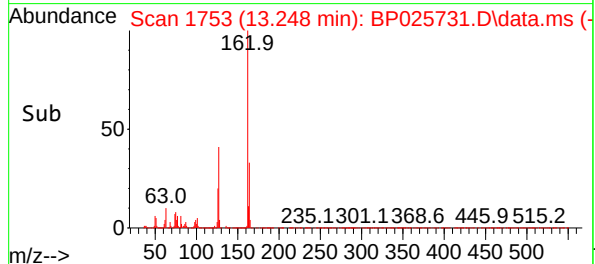
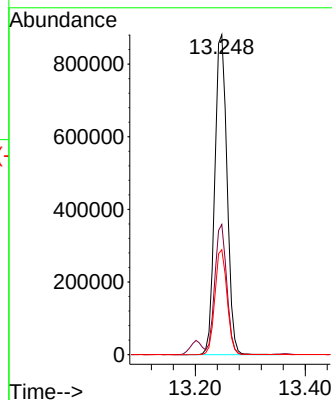
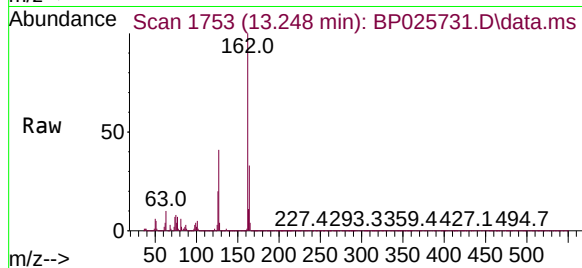




#47
2-Chloronaphthalene
Concen: 58.754 ng
RT: 13.248 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

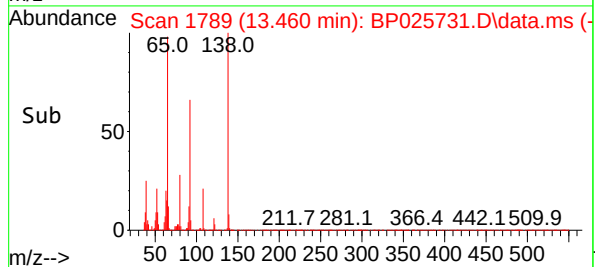
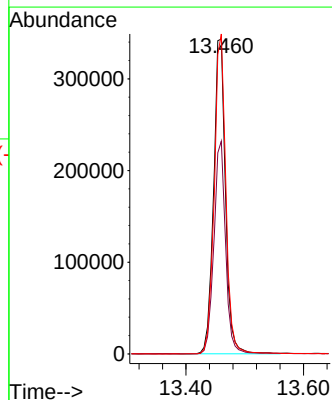
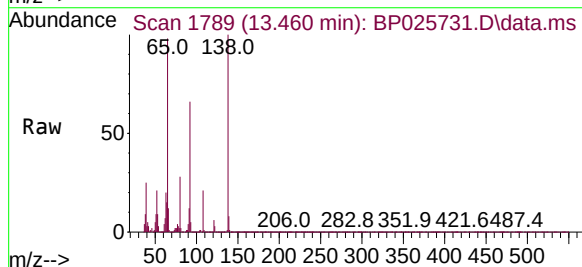
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

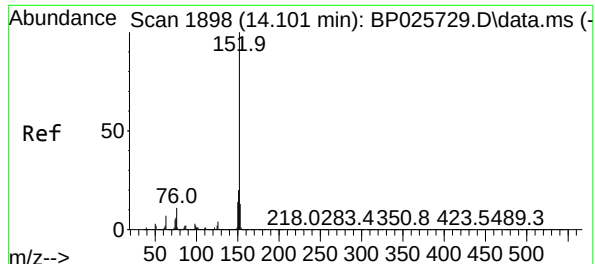
Tgt Ion:162 Resp: 1358189
Ion Ratio Lower Upper
162 100
127 40.7 32.2 48.4
164 32.8 26.5 39.7



#48
2-Nitroaniline
Concen: 62.541 ng
RT: 13.460 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 65 Resp: 481928
Ion Ratio Lower Upper
65 100
92 67.6 53.1 79.7
138 101.6 77.8 116.8





#49

Acenaphthylene

Concen: 58.613 ng

RT: 14.113 min Scan# 1900

Delta R.T. 0.012 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

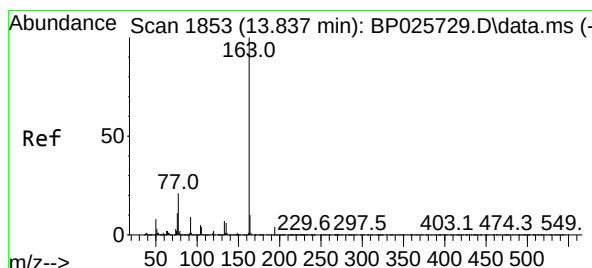
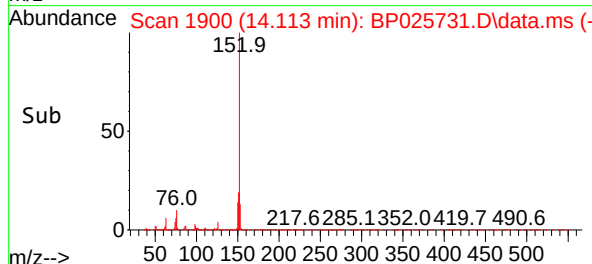
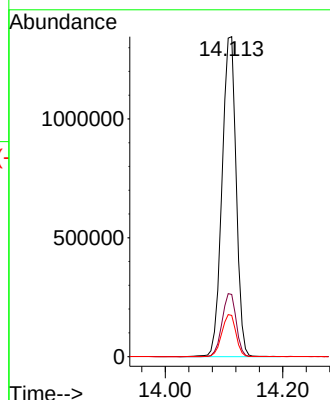
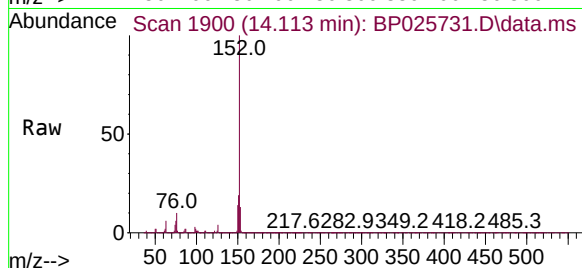
Tgt Ion:152 Resp: 2244987

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 56.838 ng

RT: 13.836 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

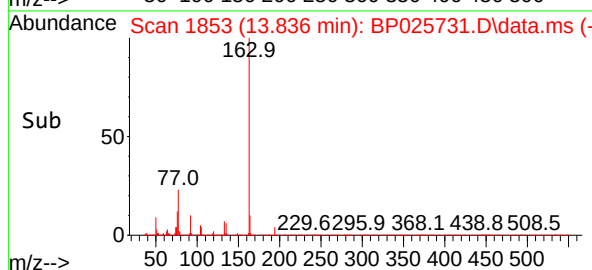
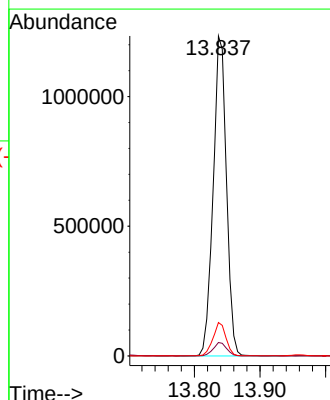
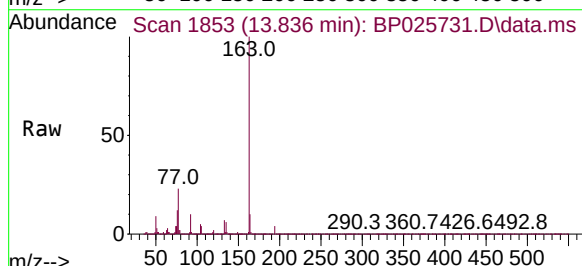
Tgt Ion:163 Resp: 1735637

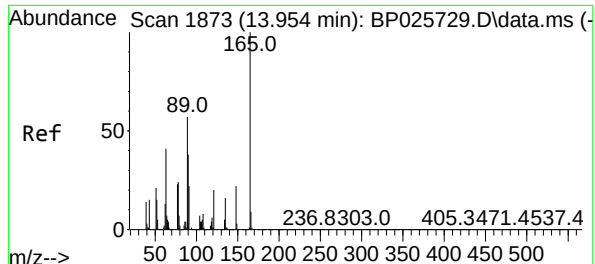
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.4 8.2 12.2

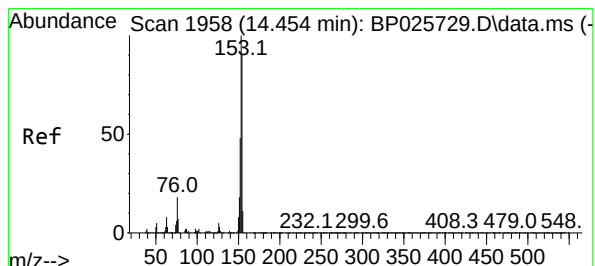
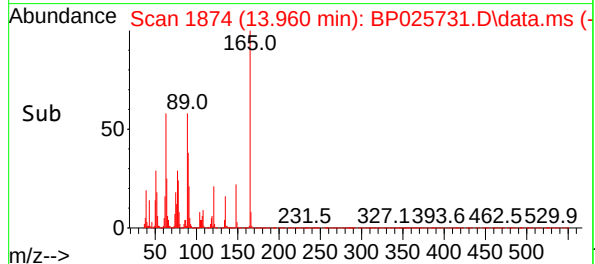
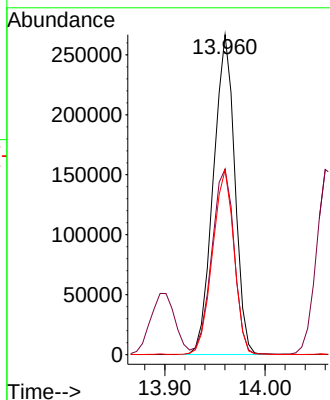
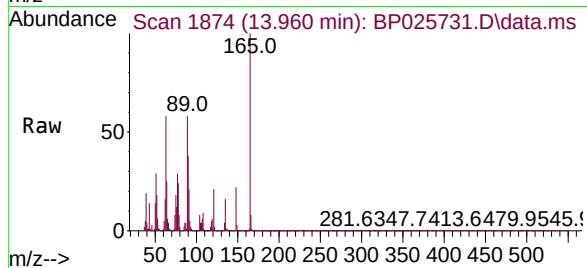




#51
2,6-Dinitrotoluene
Concen: 61.166 ng
RT: 13.960 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

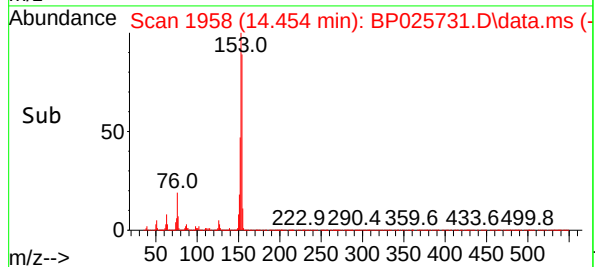
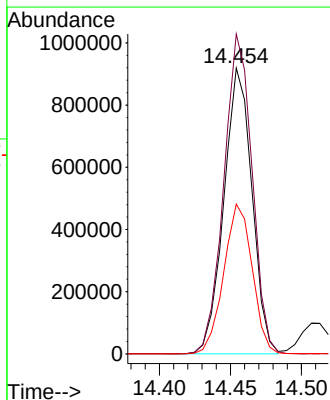
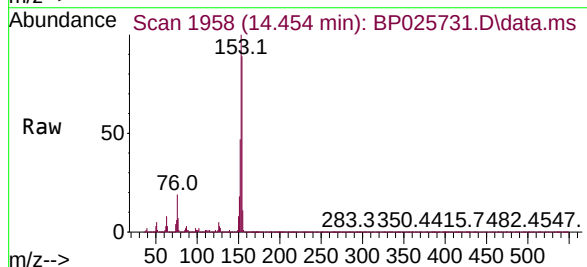
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

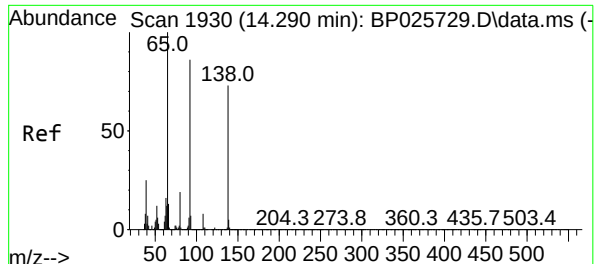
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.0	48.1	72.1
89	57.7	45.4	68.0



#52
Acenaphthene
Concen: 57.334 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.4	134.0
152	52.4	42.5	63.7

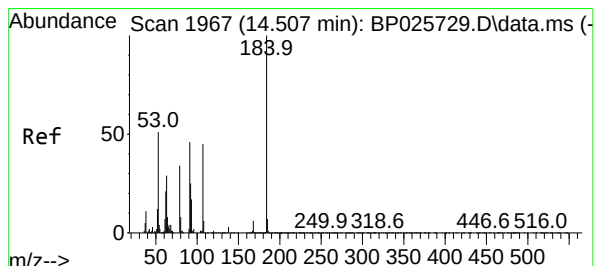
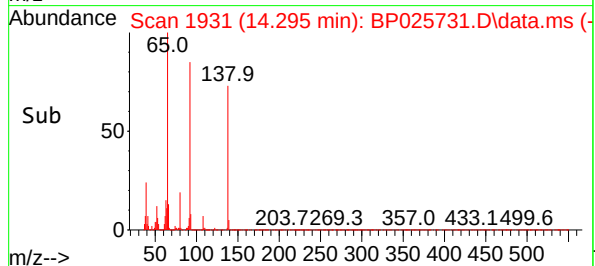
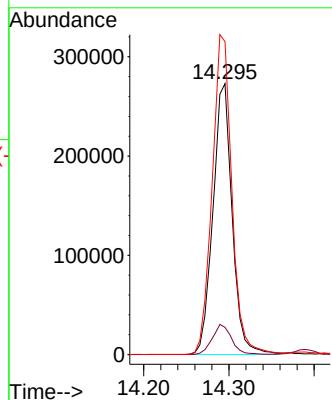
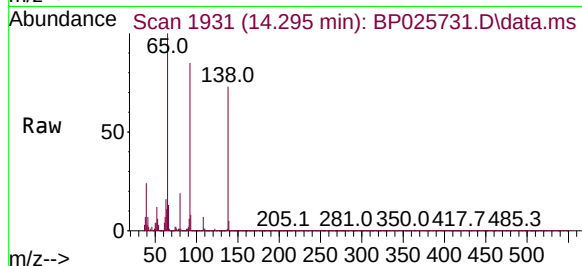




#53
3-Nitroaniline
Concen: 62.976 ng
RT: 14.295 min Scan# 1930
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

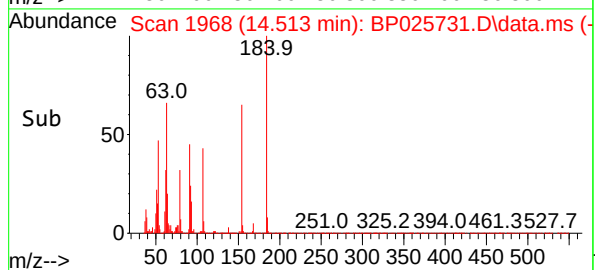
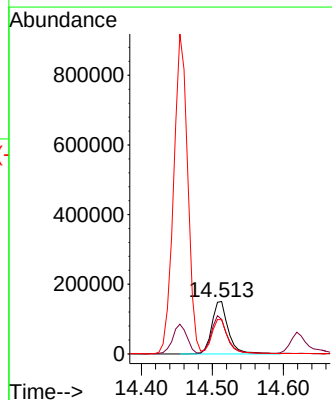
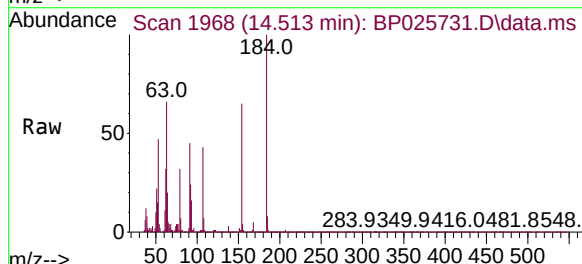
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

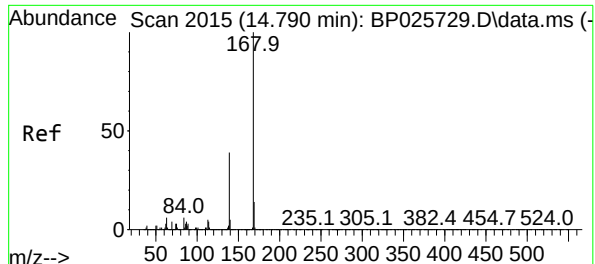
Tgt Ion:138 Resp: 428446
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 115.5 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 58.695 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:184 Resp: 241144
Ion Ratio Lower Upper
184 100
63 66.0 52.5 78.7
154 65.2 51.5 77.3

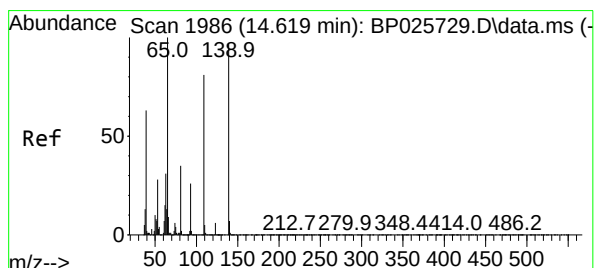
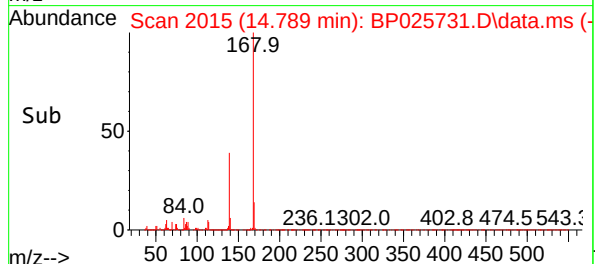
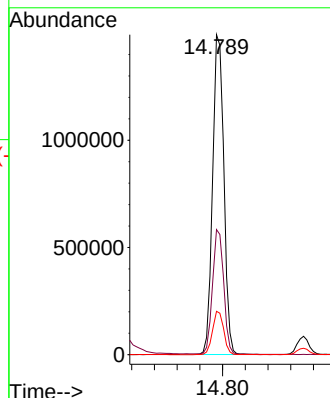
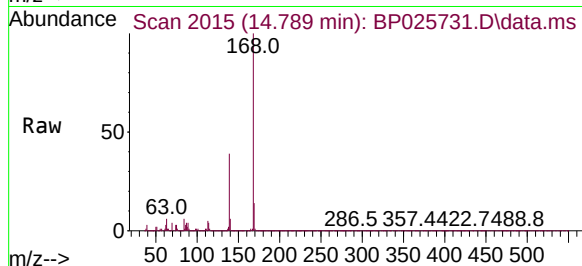




#55
Dibenzofuran
Concen: 57.280 ng
RT: 14.789 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

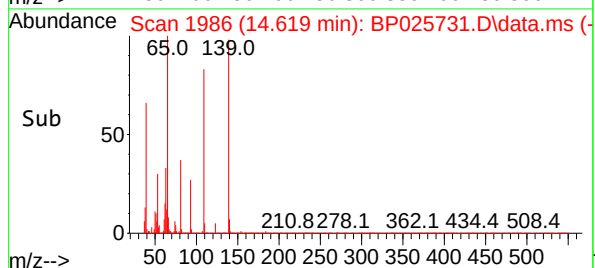
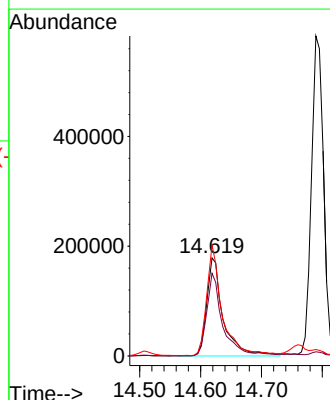
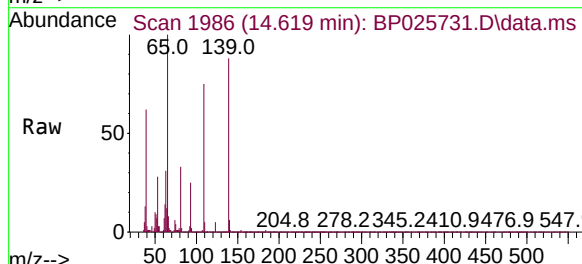
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

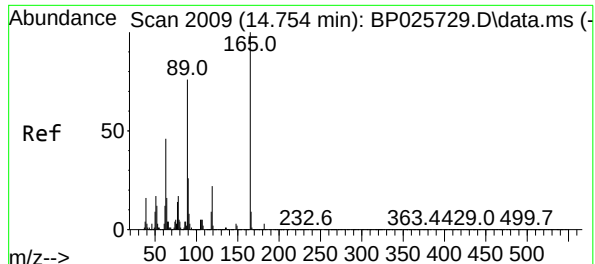
Tgt Ion:168 Resp: 2062085
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 58.606 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:139 Resp: 335924
Ion Ratio Lower Upper
139 100
109 84.3 62.9 102.9
65 113.1 83.4 123.4

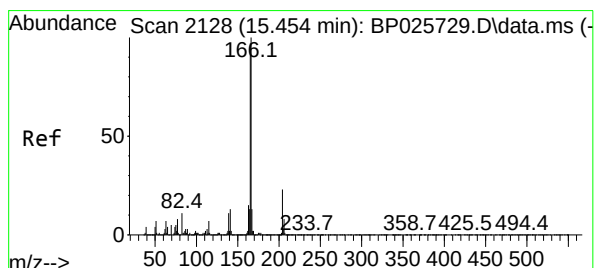
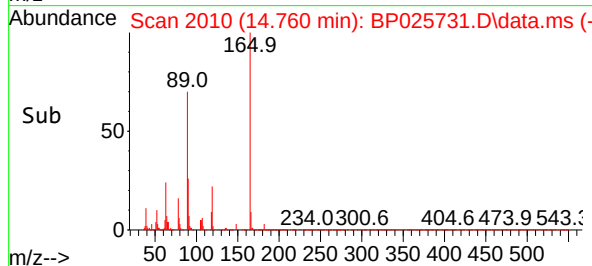
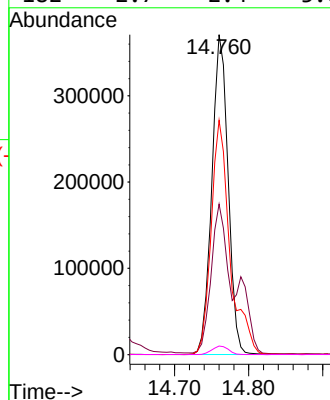
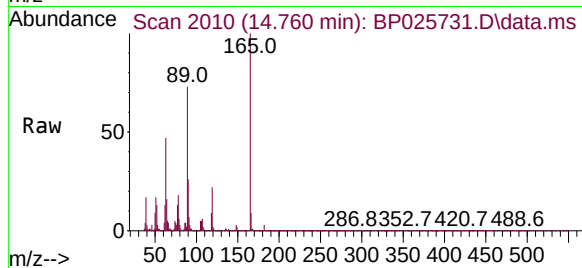




#57
2,4-Dinitrotoluene
Concen: 61.363 ng
RT: 14.760 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

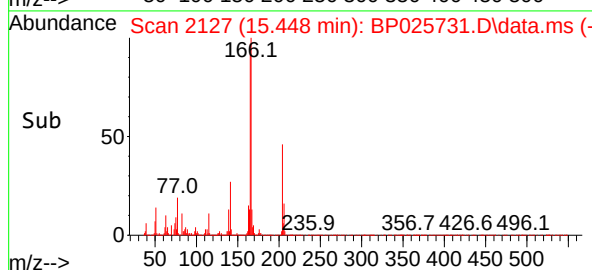
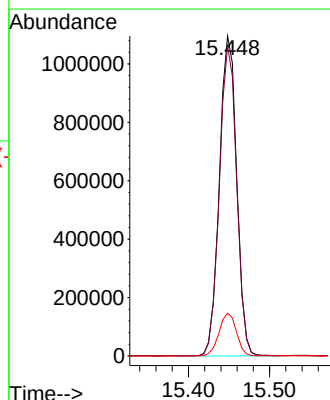
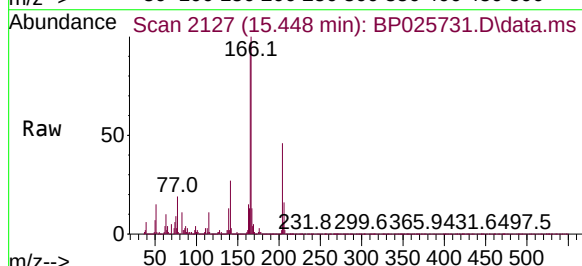
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

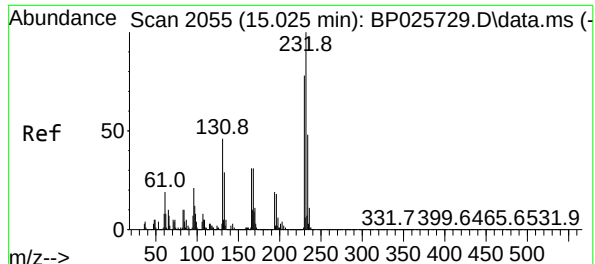
Tgt Ion:165 Resp: 564986
Ion Ratio Lower Upper
165 100
63 47.0 37.7 56.5
89 73.2 61.0 91.6
182 2.7 2.4 3.6



#58
Fluorene
Concen: 56.587 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:166 Resp: 1619859
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.3 10.6 16.0

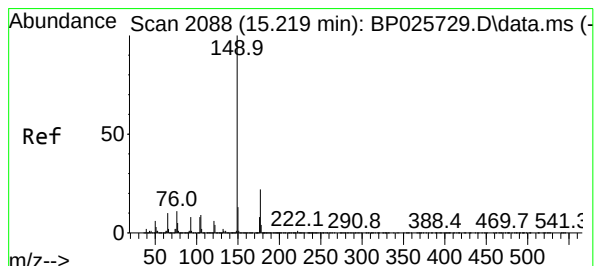
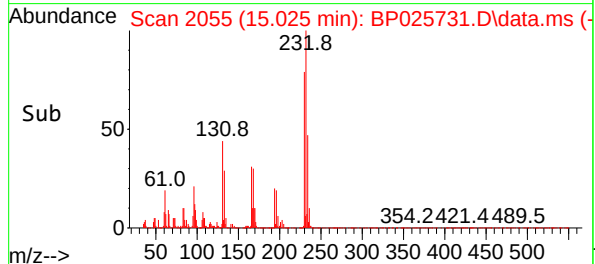
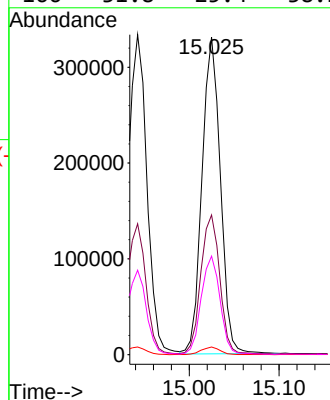
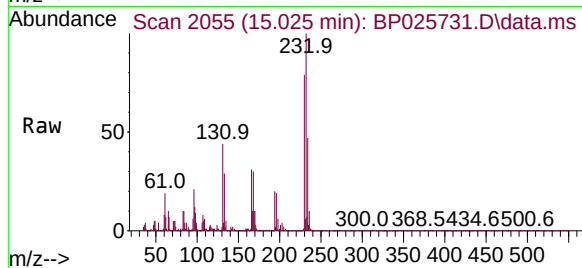




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.043 ng
RT: 15.025 min Scan# 2055
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

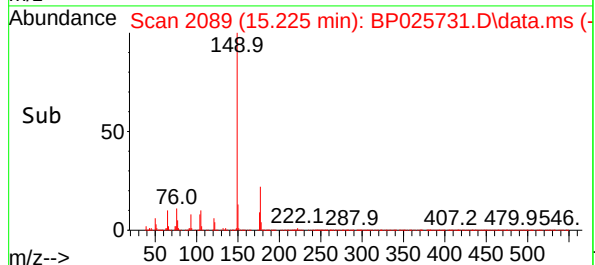
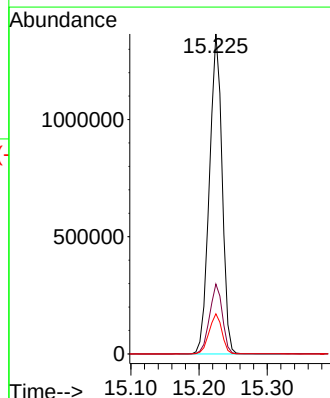
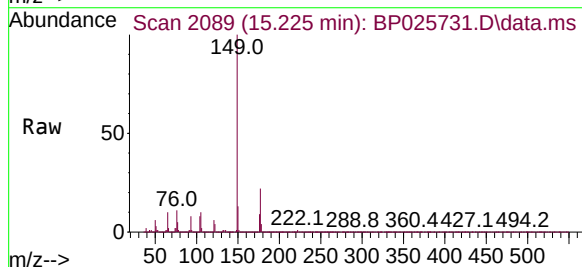
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

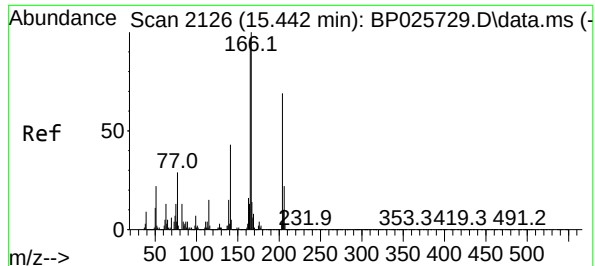
Tgt Ion:232 Resp: 471644
Ion Ratio Lower Upper
232 100
131 45.9 36.7 55.1
130 2.5 2.0 3.0
166 31.8 25.4 38.2



#60
Diethylphthalate
Concen: 57.046 ng
RT: 15.225 min Scan# 2089
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 1767001
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 12.5 10.0 15.0

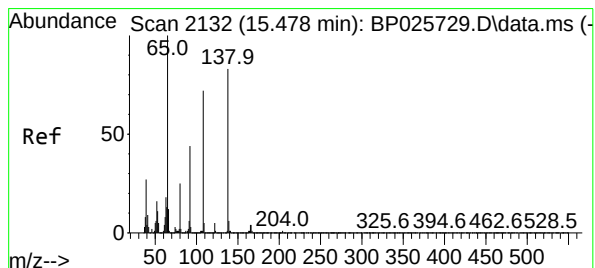
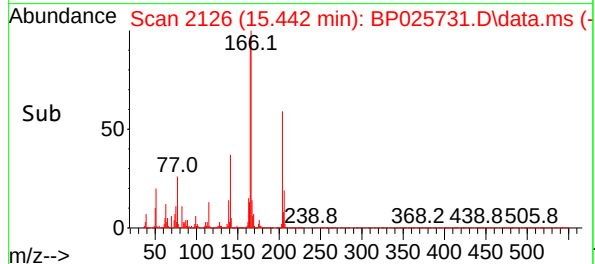
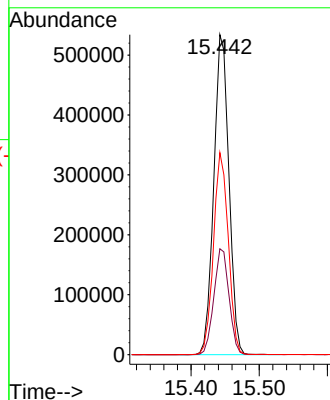
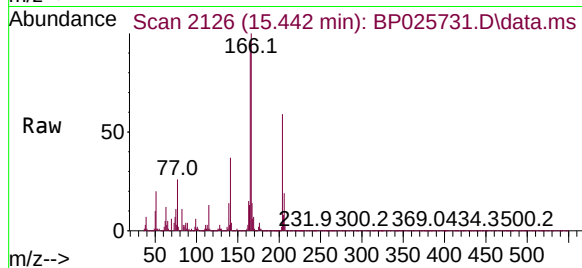




#61
4-Chlorophenyl-phenylether
Concen: 56.642 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

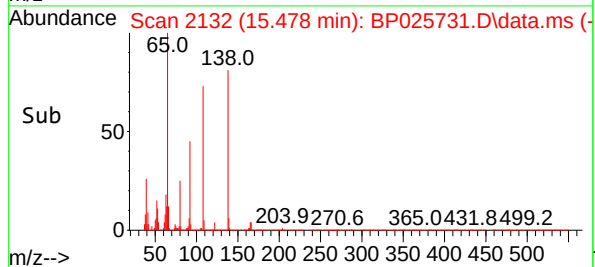
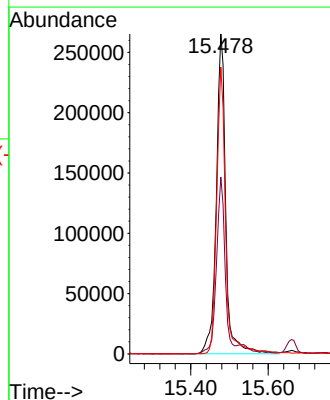
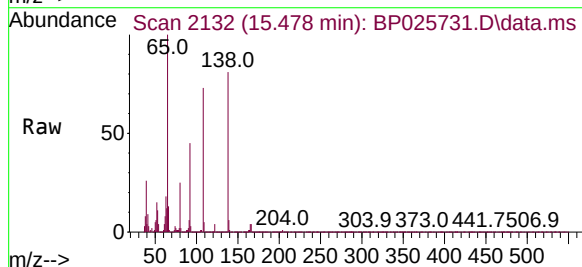
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

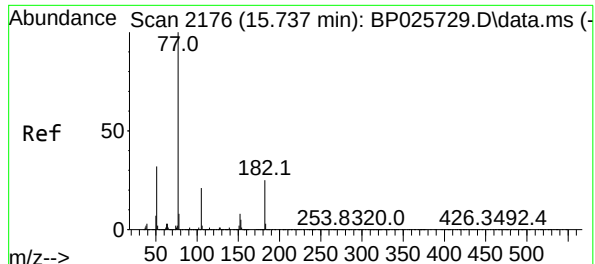
Tgt Ion:204 Resp: 817173
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 63.1 49.7 74.5



#62
4-Nitroaniline
Concen: 64.802 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:138 Resp: 451315
Ion Ratio Lower Upper
138 100
92 55.2 33.3 73.3
108 89.6 66.7 106.7

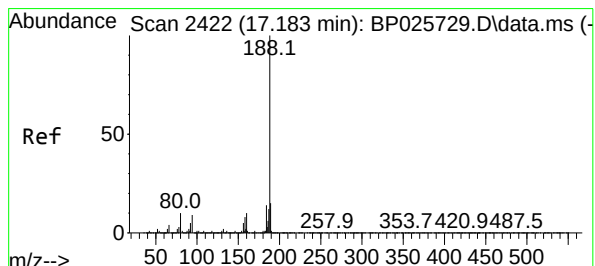
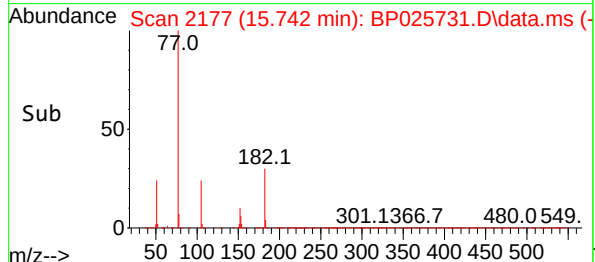
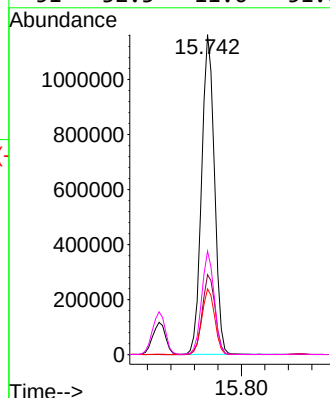
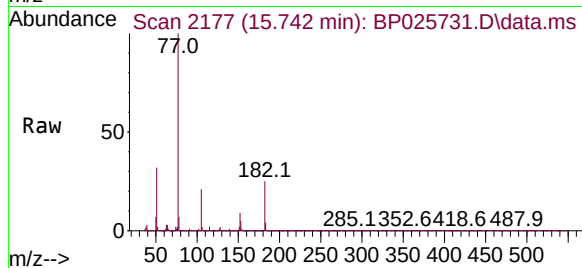




#63
Azobenzene
Concen: 58.817 ng
RT: 15.742 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

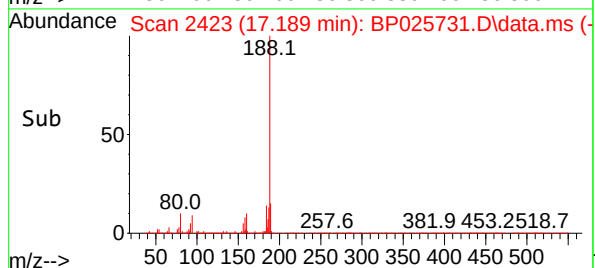
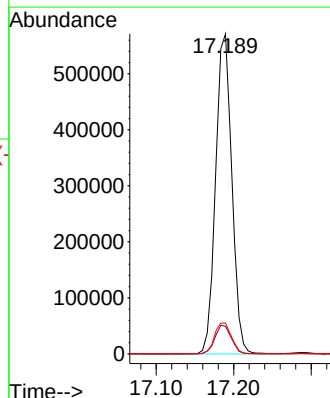
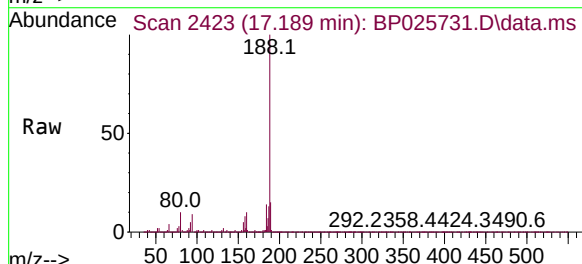
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

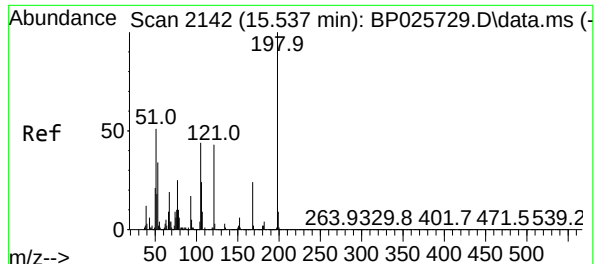
Tgt Ion: 77 Resp: 1761607
Ion Ratio Lower Upper
77 100
182 25.0 5.2 45.2
105 20.5 1.1 41.1
51 32.3 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion: 188 Resp: 829072
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 9.6 7.7 11.5

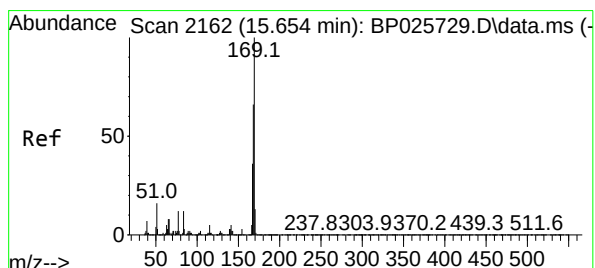
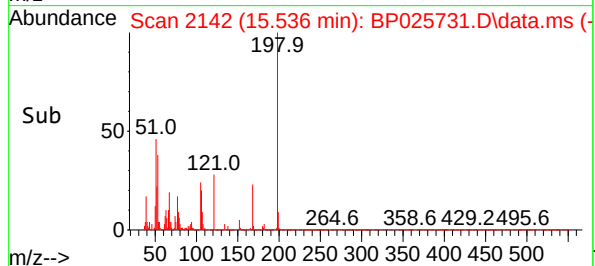
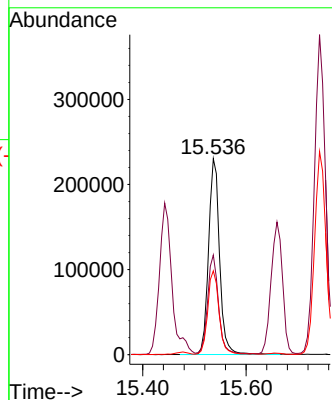
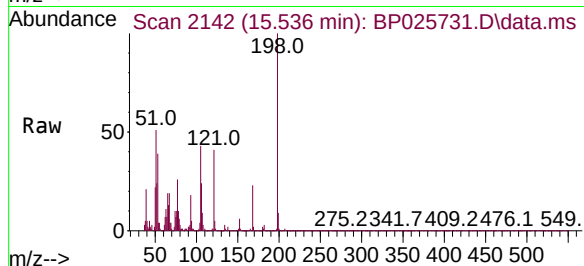




#65
4,6-Dinitro-2-methylphenol
Concen: 61.918 ng
RT: 15.536 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

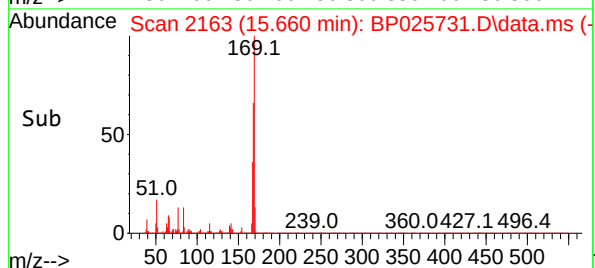
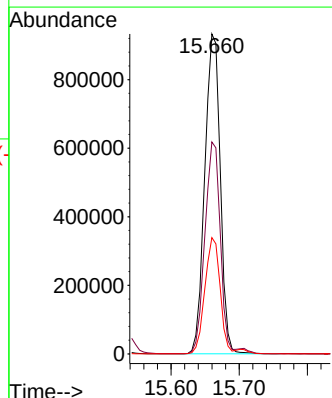
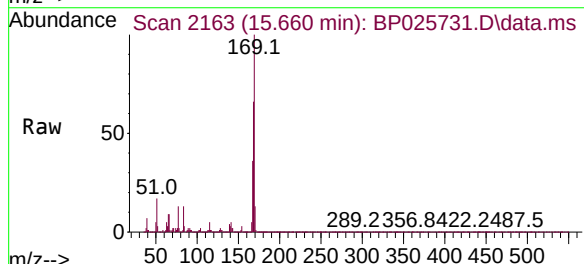
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

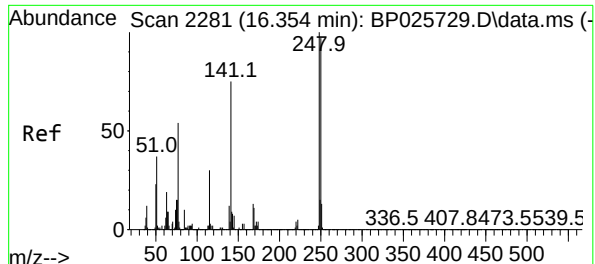
Tgt Ion:198 Resp: 341390
Ion Ratio Lower Upper
198 100
51 50.8 33.4 73.4
105 42.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 58.214 ng
RT: 15.660 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:169 Resp: 1476982
Ion Ratio Lower Upper
169 100
168 66.2 52.6 78.8
167 36.3 28.5 42.7





#67

4-Bromophenyl-phenylether

Concen: 58.285 ng

RT: 16.354 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

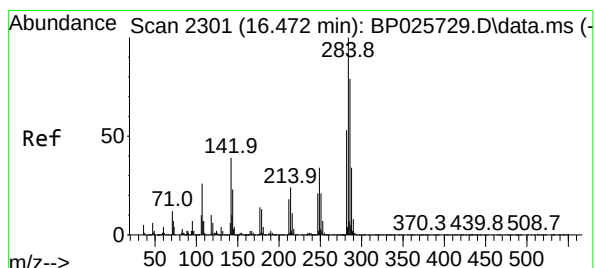
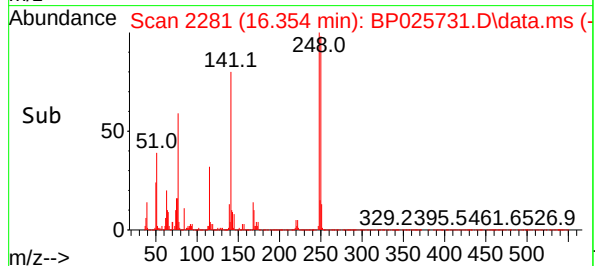
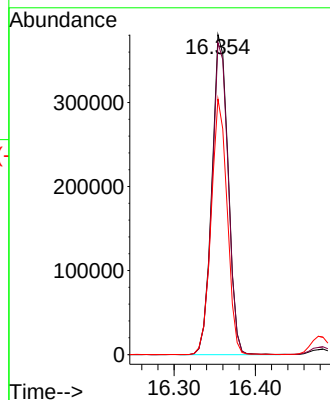
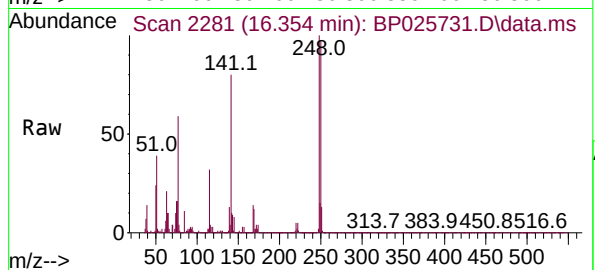
Tgt Ion:248 Resp: 530862

Ion Ratio Lower Upper

248 100

250 97.4 77.5 116.3

141 79.9 60.2 90.4



#68

Hexachlorobenzene

Concen: 57.781 ng

RT: 16.483 min Scan# 2303

Delta R.T. 0.012 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

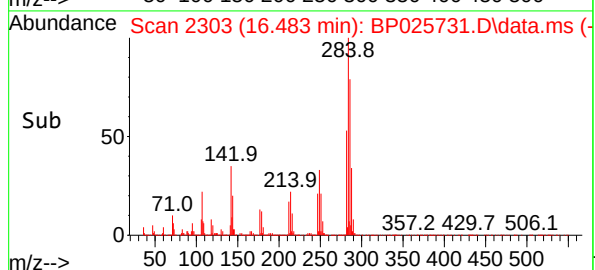
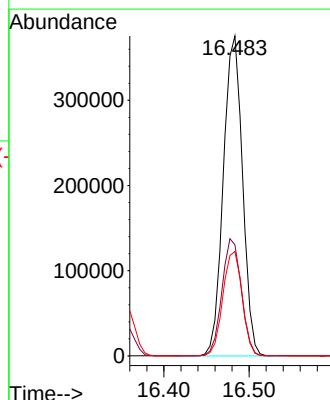
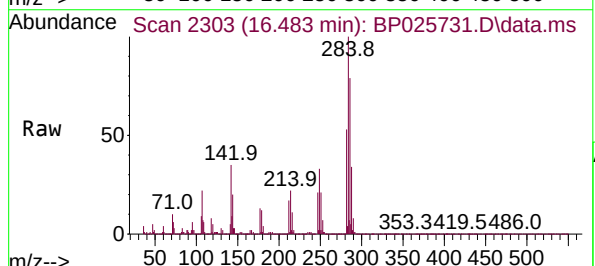
Tgt Ion:284 Resp: 586880

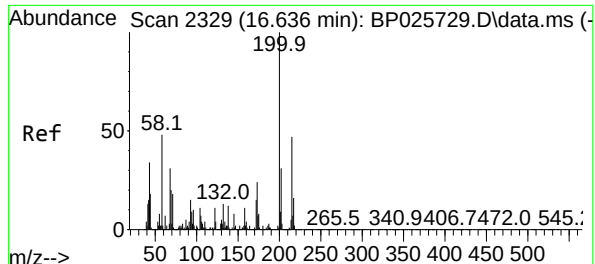
Ion Ratio Lower Upper

284 100

142 34.7 31.3 46.9

249 32.6 27.3 40.9

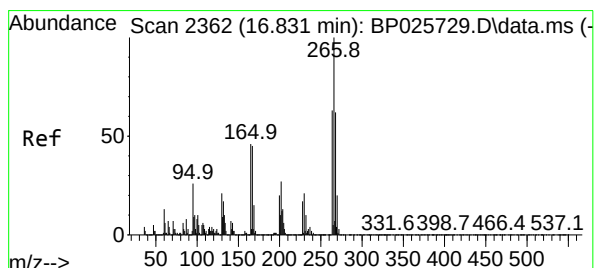
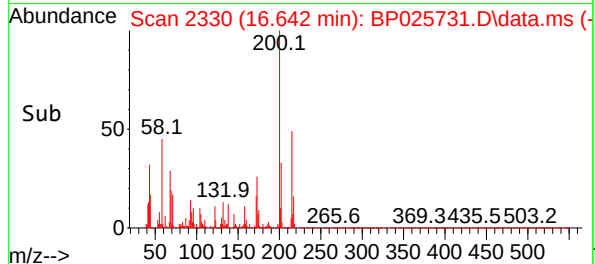
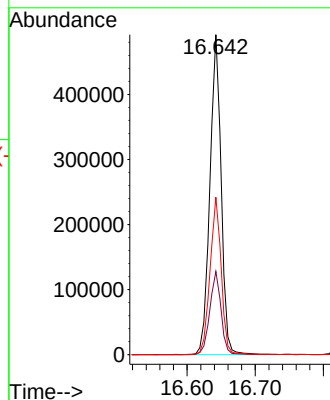
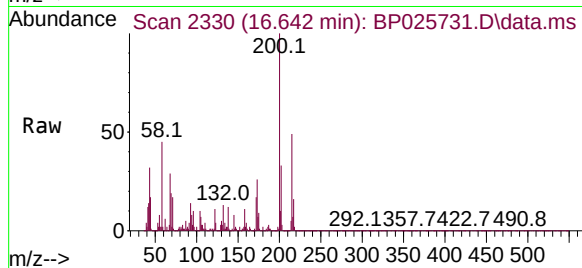




#69
Atrazine
Concen: 58.112 ng
RT: 16.642 min Scan# 2330
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

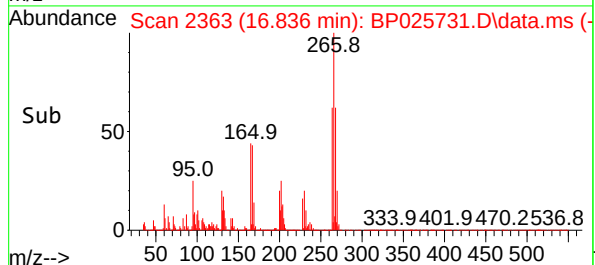
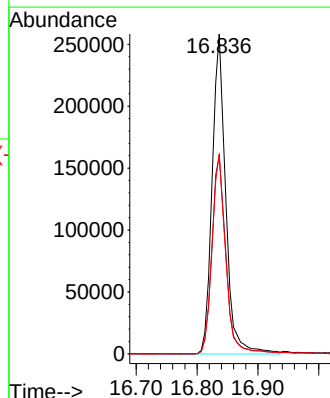
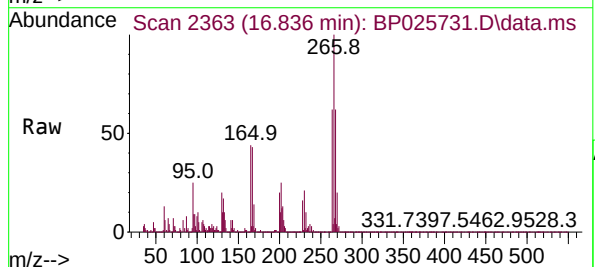
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

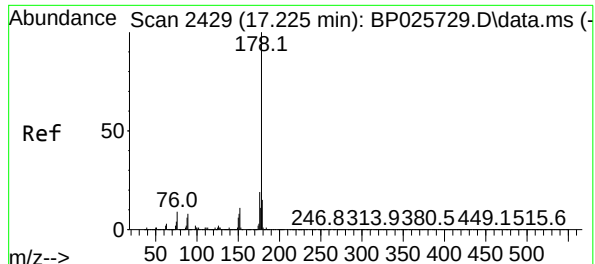
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.0	4.2	44.2
215	49.2	27.3	67.3



#70
Pentachlorophenol
Concen: 59.795 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	49.8	74.8
264	62.5	50.2	75.2

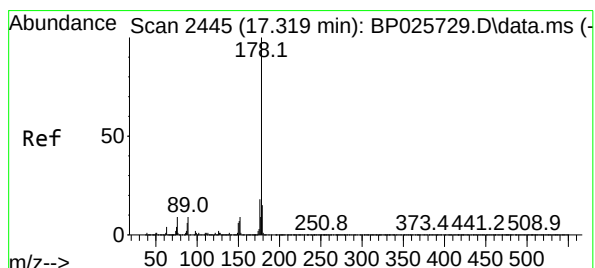
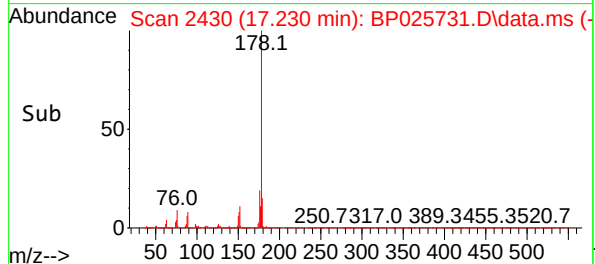
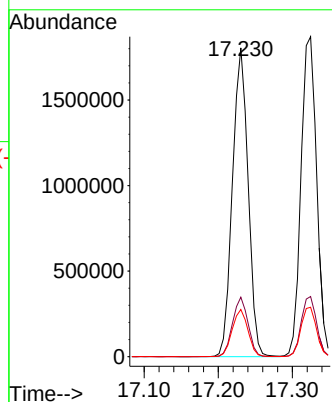
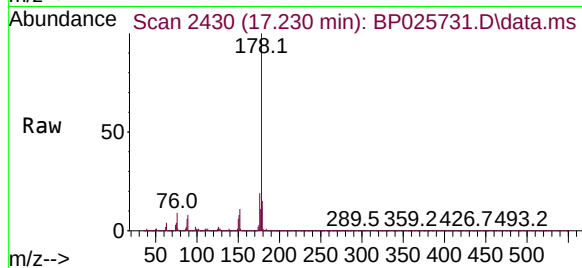




#71
Phenanthrene
Concen: 56.316 ng
RT: 17.230 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

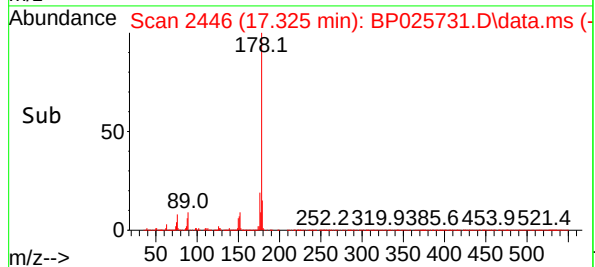
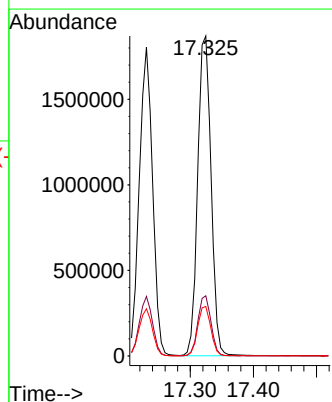
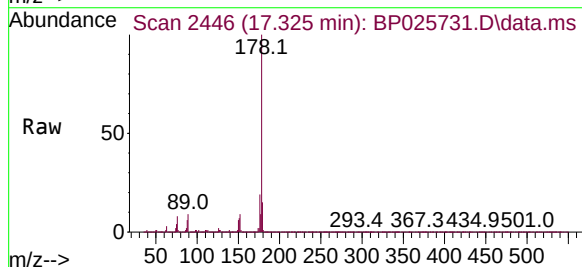
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

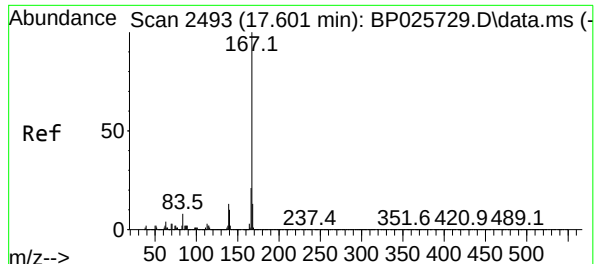
Tgt Ion:178 Resp: 2648539
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.2 18.4



#72
Anthracene
Concen: 57.710 ng
RT: 17.325 min Scan# 2446
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:178 Resp: 2753779
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.4 12.2 18.4

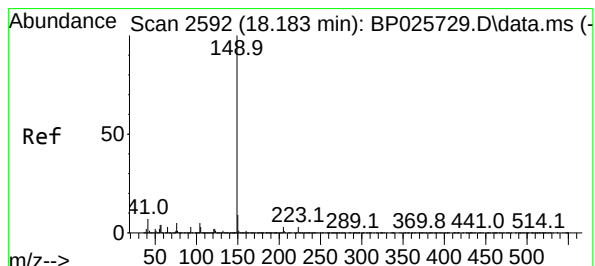
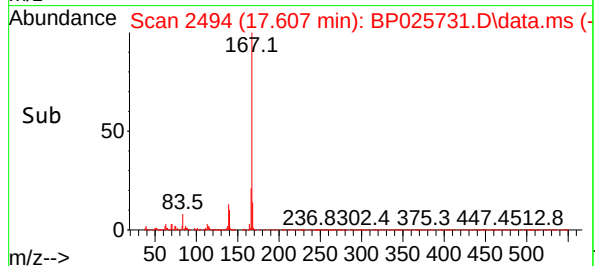
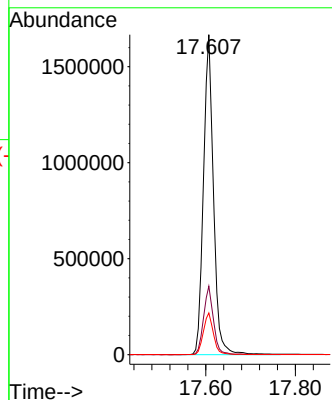
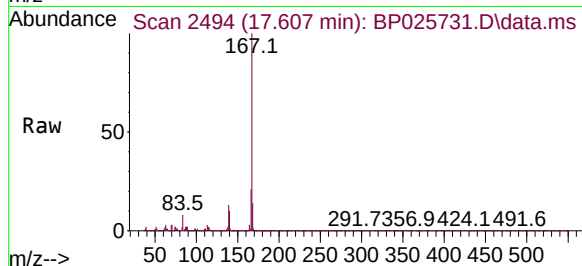




#73
Carbazole
Concen: 58.177 ng
RT: 17.607 min Scan# 2493
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

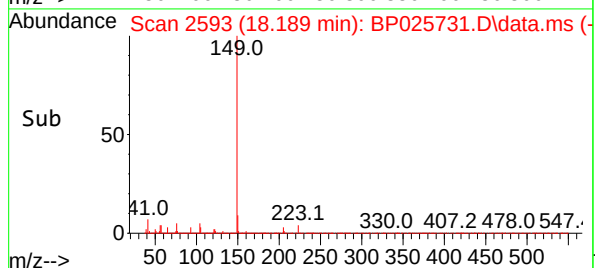
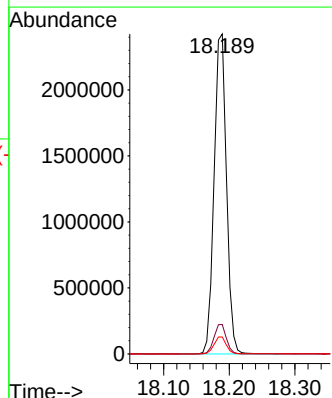
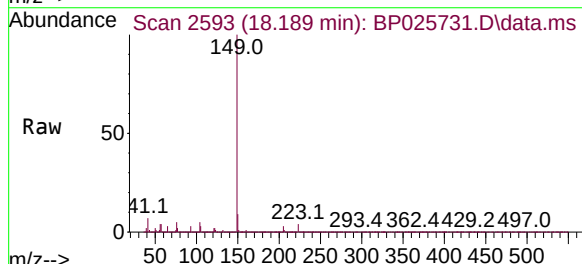
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

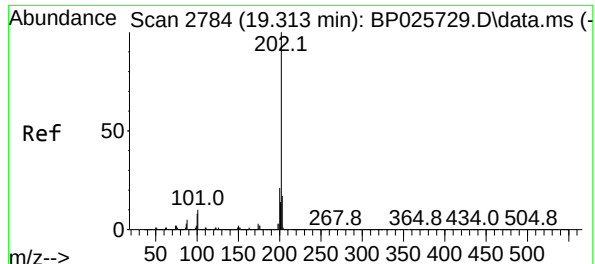
Tgt Ion:167 Resp: 2580907
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 13.0 10.6 16.0



#74
Di-n-butylphthalate
Concen: 58.542 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 3187132
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.3 4.3 6.5

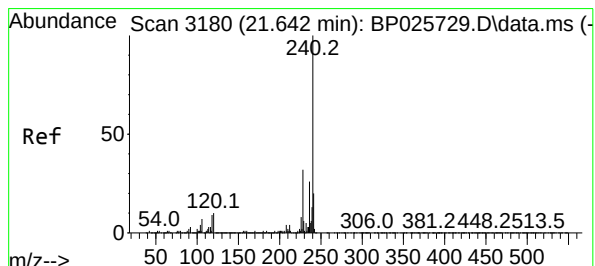
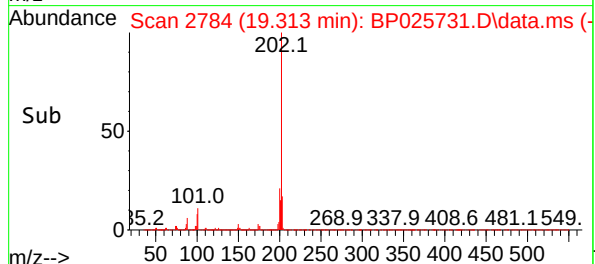
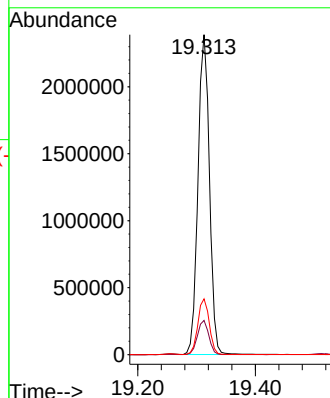
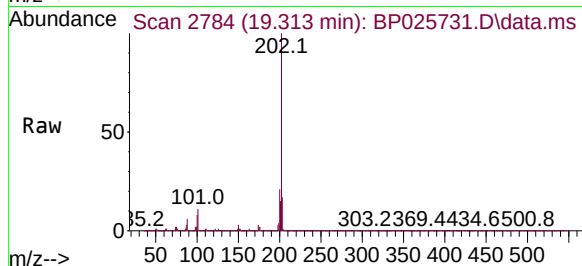




#75
Fluoranthene
Concen: 57.034 ng
RT: 19.313 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

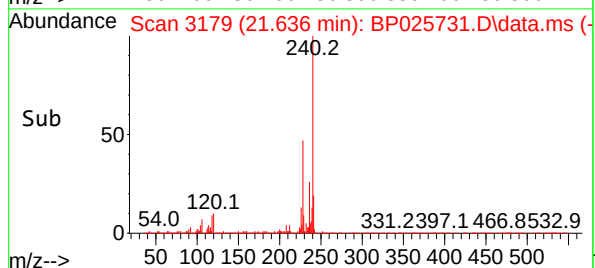
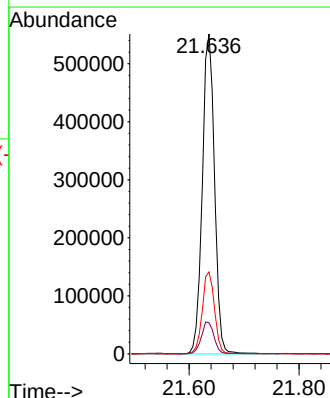
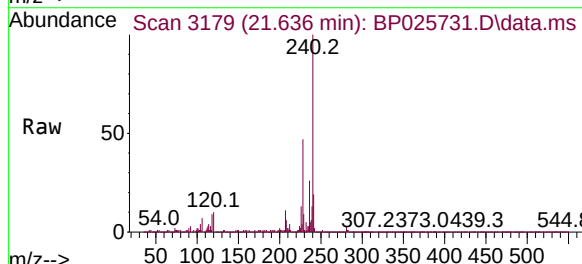
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

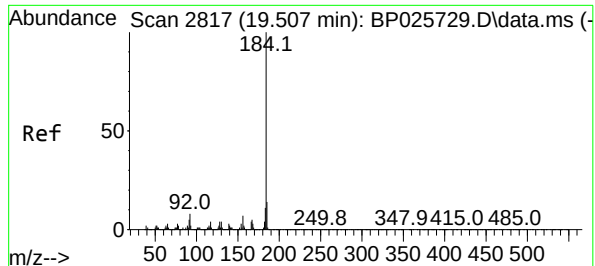
Tgt Ion:202 Resp: 3216943
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.4
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:240 Resp: 850069
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.6 20.7 31.1

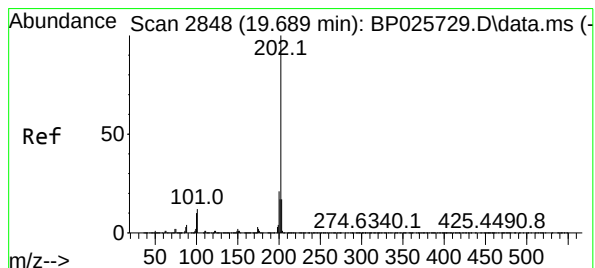
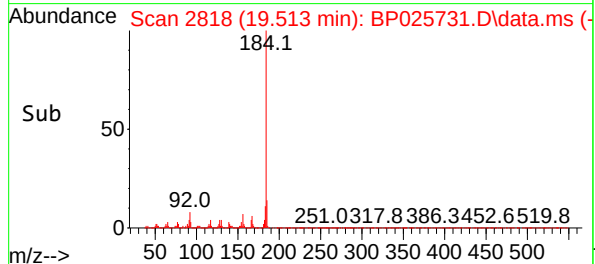
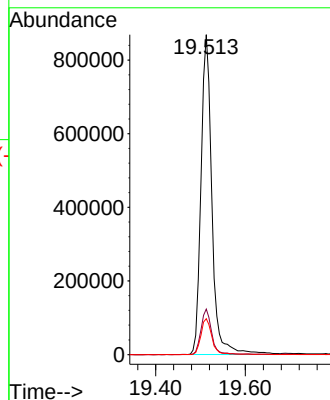
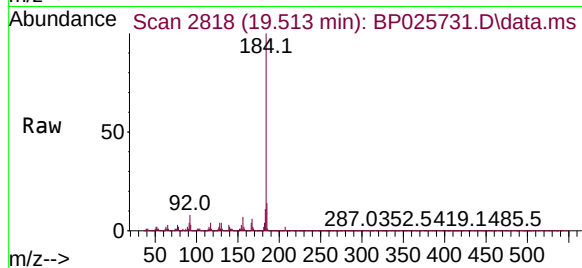




#77
Benzidine
Concen: 60.181 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

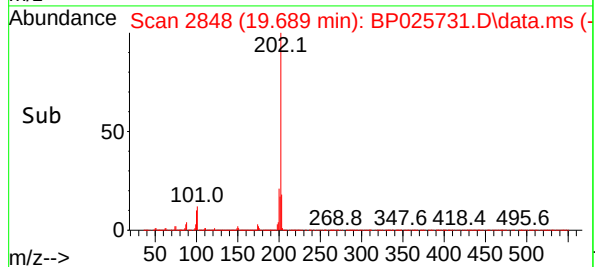
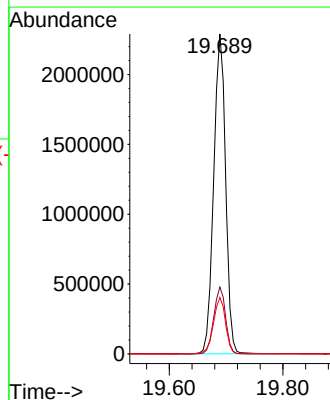
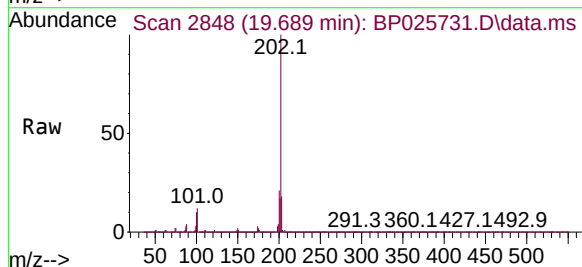
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

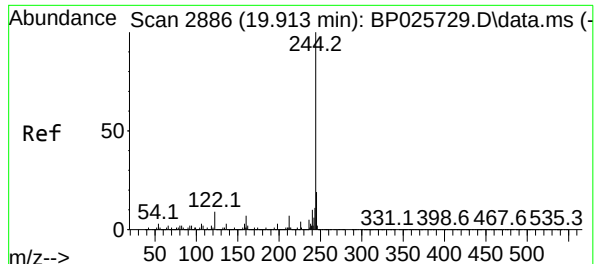
Tgt Ion:184 Resp: 1473612
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.2 9.2 13.8



#78
Pyrene
Concen: 58.794 ng
RT: 19.689 min Scan# 2848
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:202 Resp: 3334872
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.6 13.9 20.9

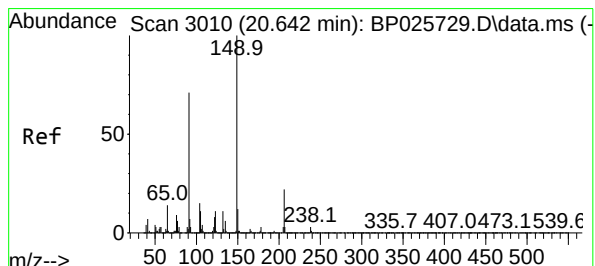
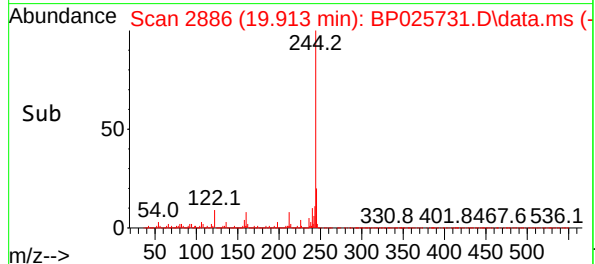
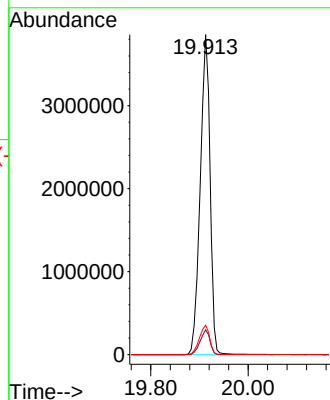
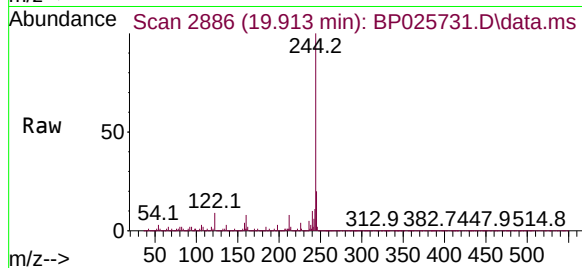




#79
Terphenyl-d14
Concen: 113.763 ng
RT: 19.913 min Scan# 2886
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

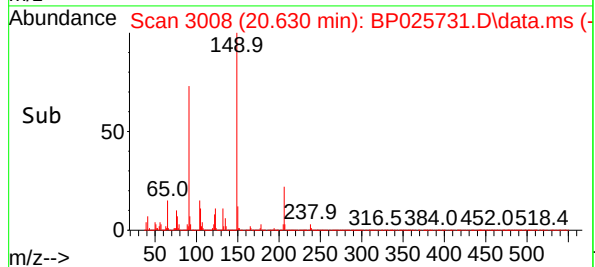
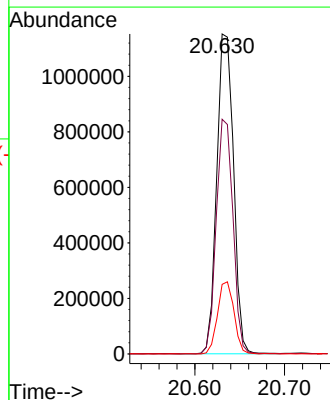
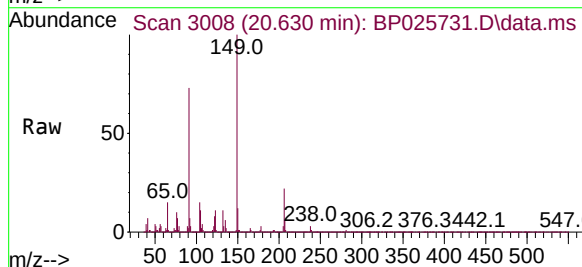
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

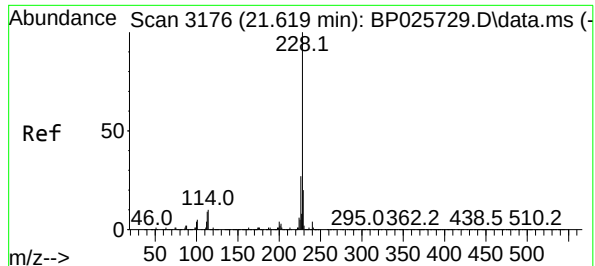
Tgt Ion:244 Resp: 5375608
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 9.2 7.1 10.7



#80
Butylbenzylphthalate
Concen: 60.222 ng
RT: 20.630 min Scan# 3008
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 1497716
Ion Ratio Lower Upper
149 100
91 73.3 56.6 85.0
206 21.7 17.4 26.0

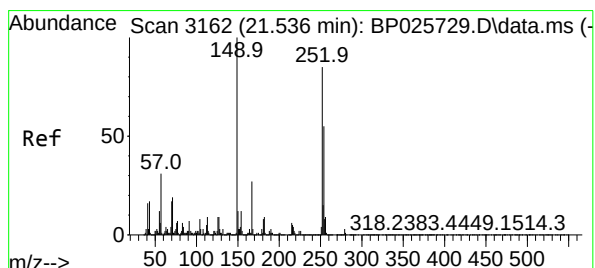
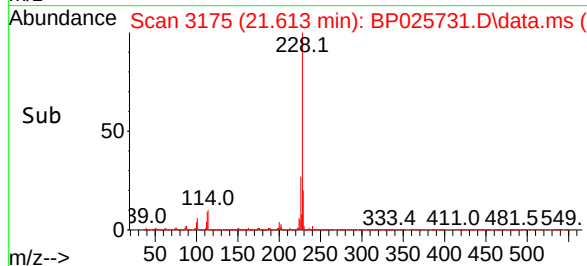
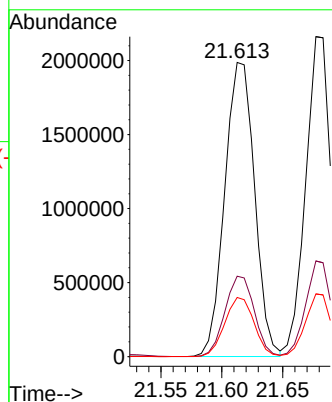
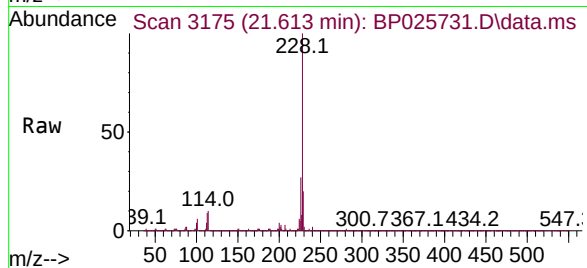




#81
Benzo(a)anthracene
Concen: 58.272 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

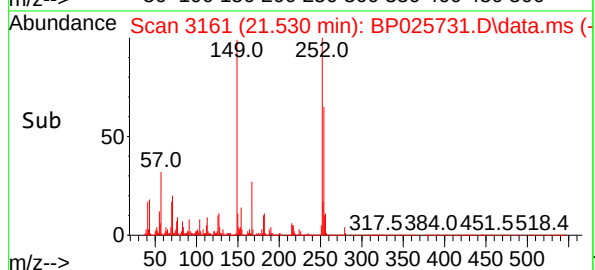
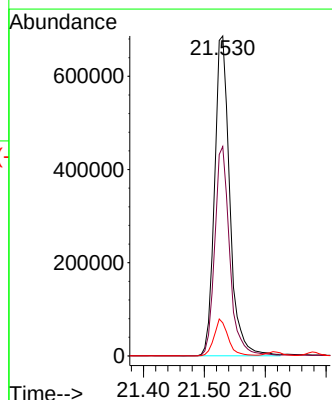
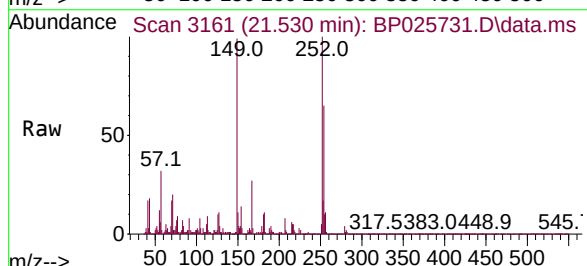
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

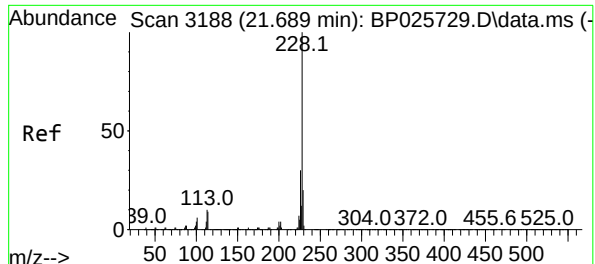
Tgt Ion:228 Resp: 3391233
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 59.308 ng
RT: 21.530 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:252 Resp: 1193448
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.0
126 10.3 8.3 12.5

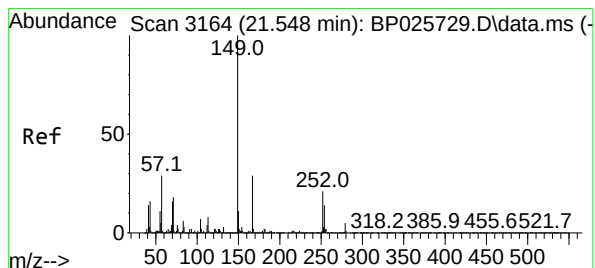
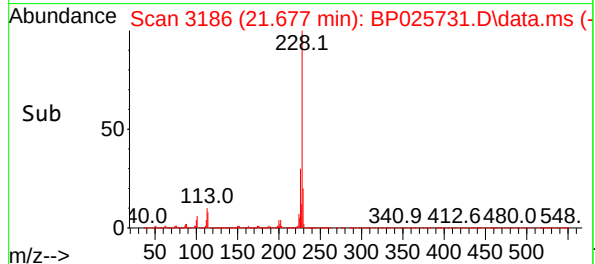
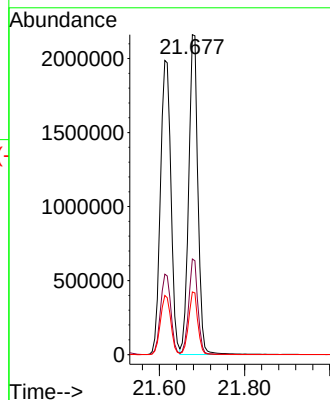
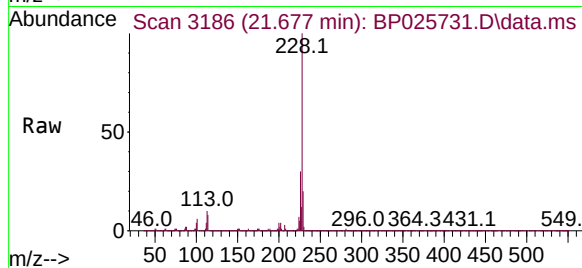




#83
Chrysene
Concen: 58.306 ng
RT: 21.677 min Scan# 3186
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

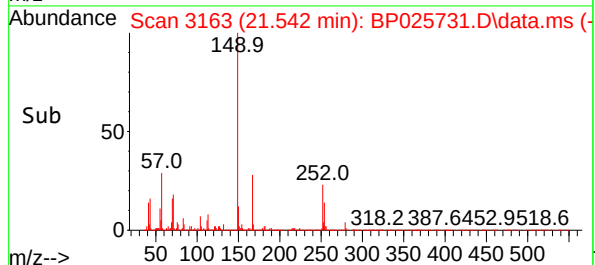
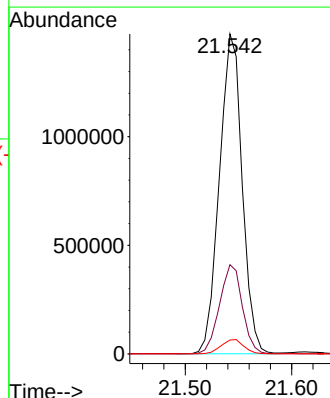
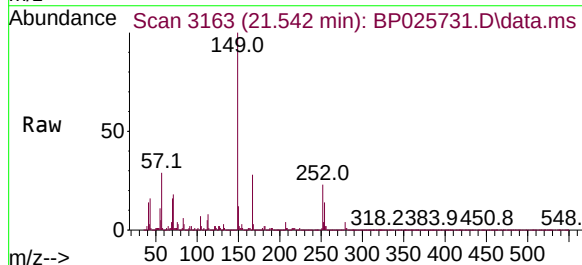
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

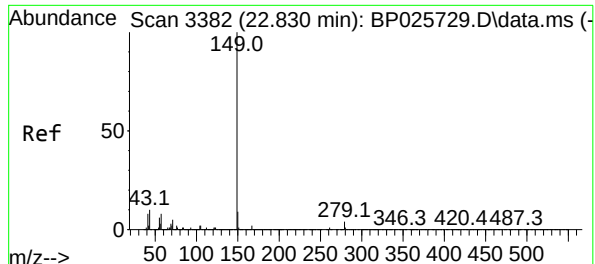
Tgt Ion:228 Resp: 3234610
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.6 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.070 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:149 Resp: 2185686
Ion Ratio Lower Upper
149 100
167 27.9 22.9 34.3
279 4.3 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 59.606 ng

RT: 22.830 min Scan# 3382

Delta R.T. -0.000 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

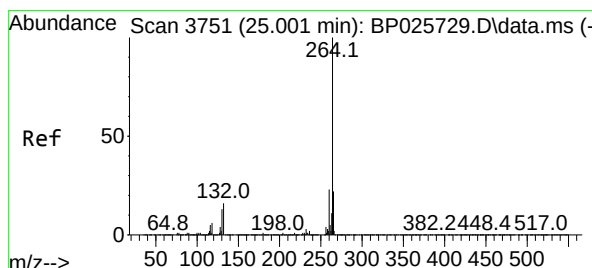
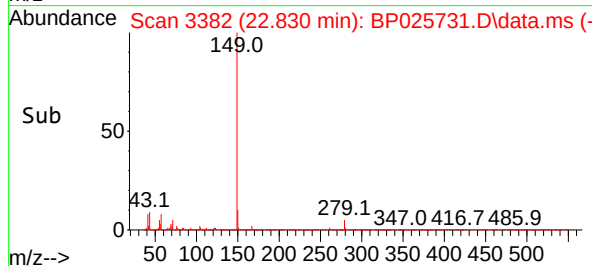
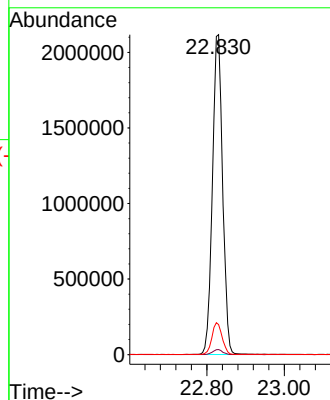
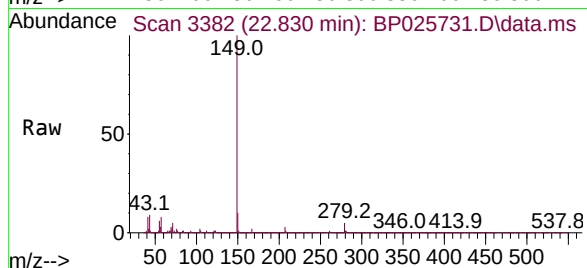
Tgt Ion:149 Resp: 3857923

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.995 min Scan# 3750

Delta R.T. -0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

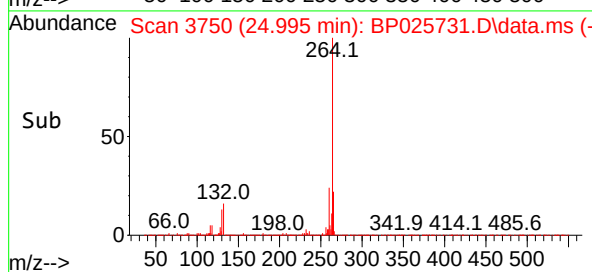
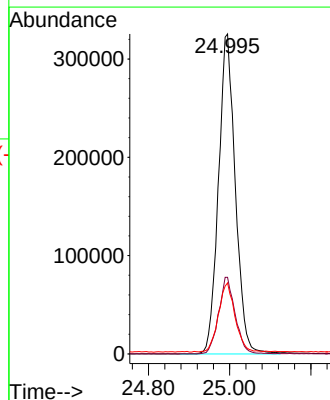
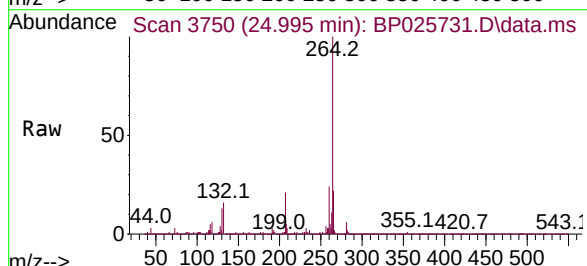
Tgt Ion:264 Resp: 937177

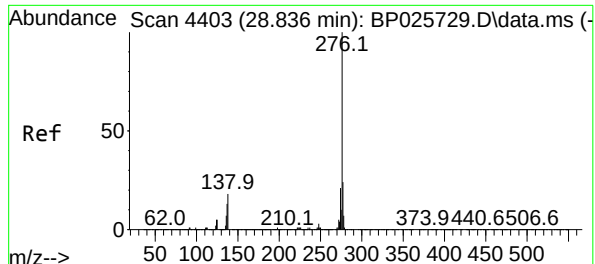
Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 22.2 17.3 25.9

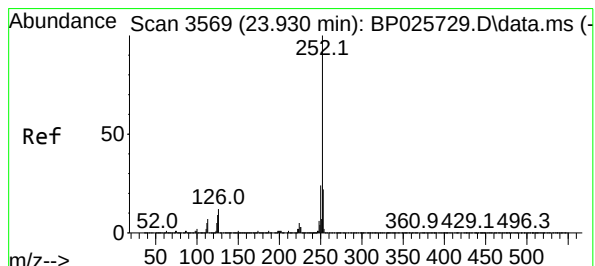
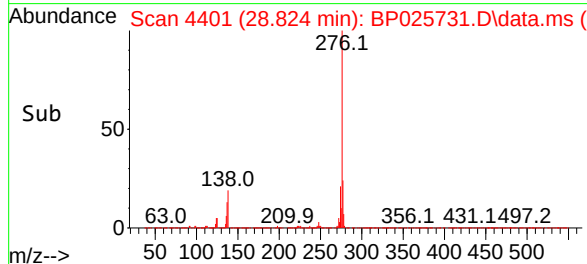
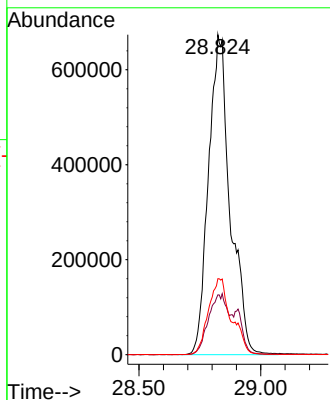
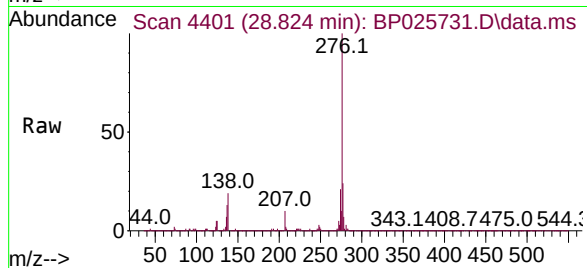




#87
Indeno(1,2,3-cd)pyrene
Concen: 61.276 ng
RT: 28.824 min Scan# 4403
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

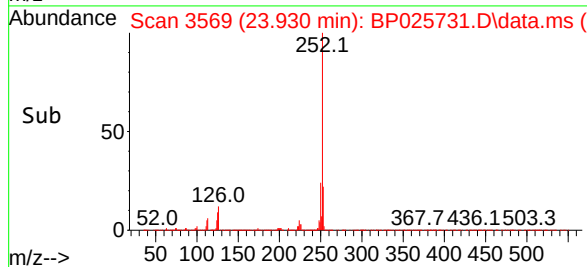
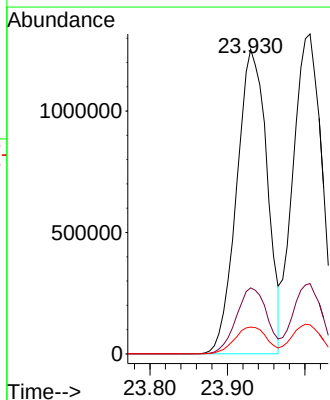
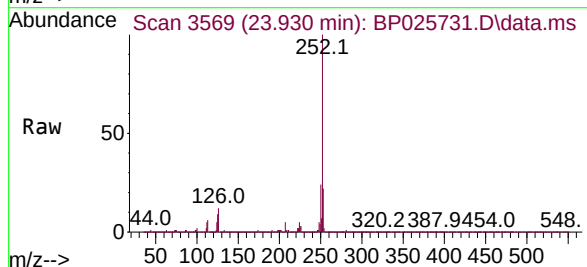
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

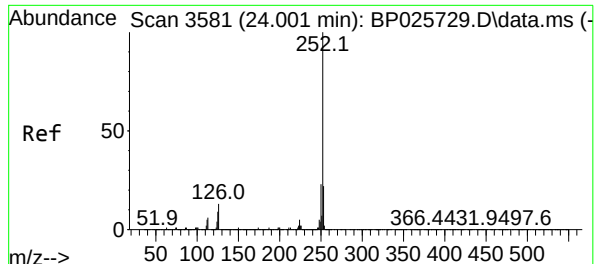
Tgt Ion:276 Resp: 4176186
Ion Ratio Lower Upper
276 100
138 16.9 13.4 20.2
277 25.2 9.1 13.7#



#88
Benzo(b)fluoranthene
Concen: 59.638 ng
RT: 23.930 min Scan# 3569
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:252 Resp: 3417862
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.8 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 58.674 ng

RT: 24.007 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

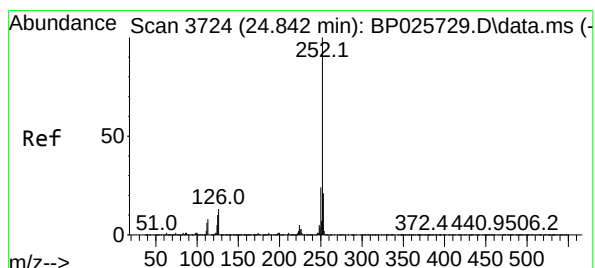
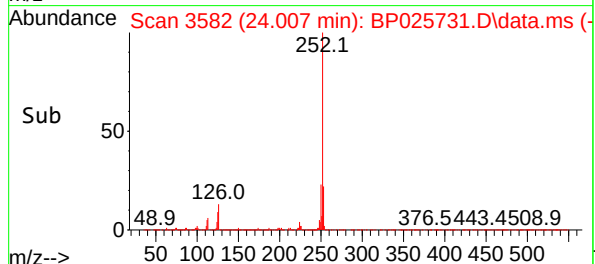
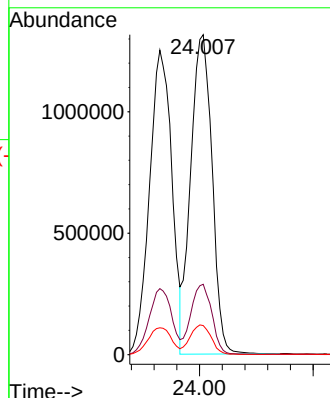
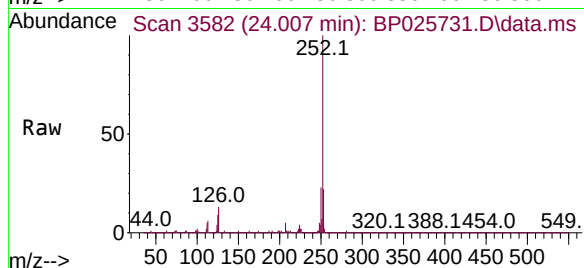
Tgt Ion:252 Resp: 3431342

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 60.523 ng

RT: 24.848 min Scan# 3725

Delta R.T. 0.006 min

Lab File: BP025731.D

Acq: 11 Sep 2025 13:43

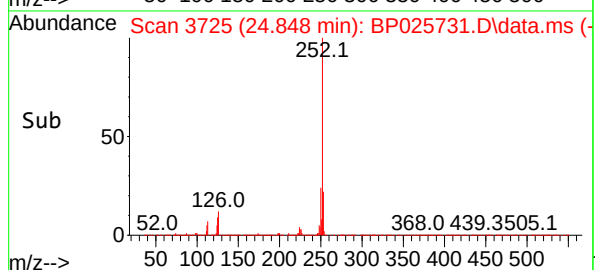
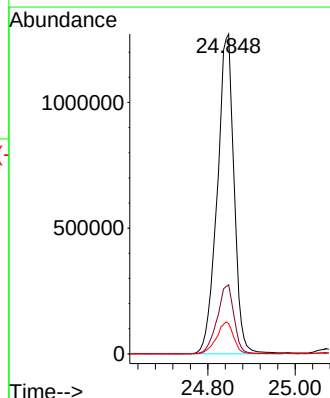
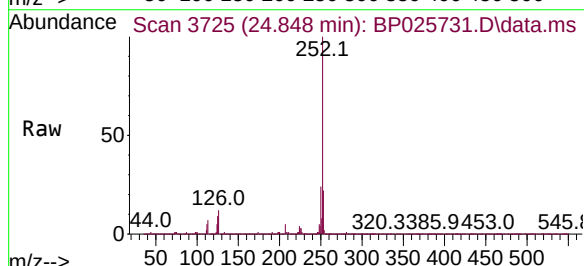
Tgt Ion:252 Resp: 3396800

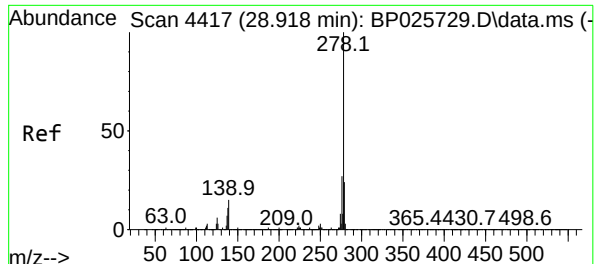
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.5 8.3 12.5

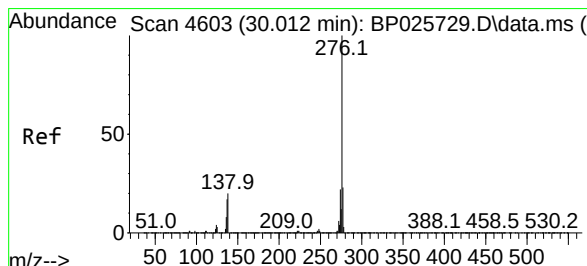
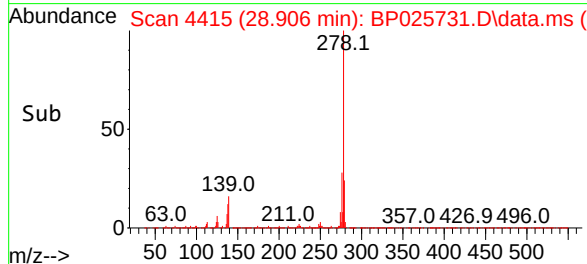
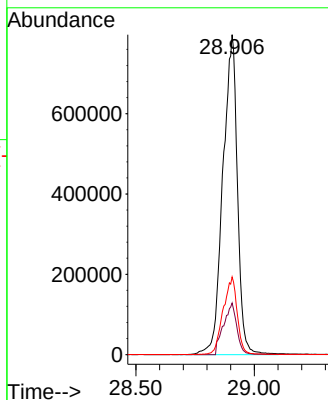
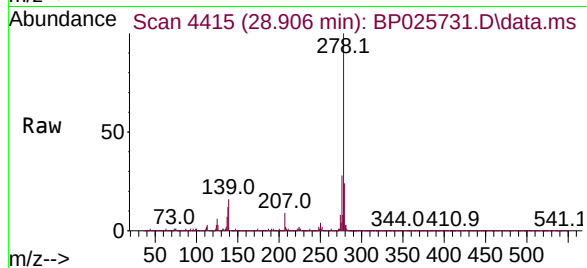




#91
Dibenzo(a,h)anthracene
Concen: 60.898 ng
RT: 28.906 min Scan# 4417
Delta R.T. -0.012 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

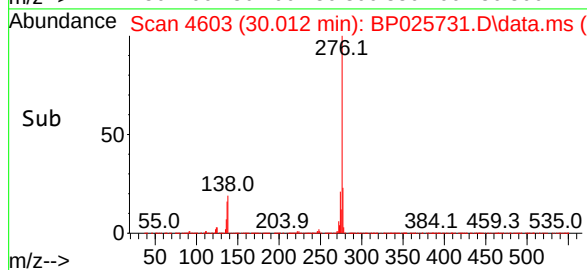
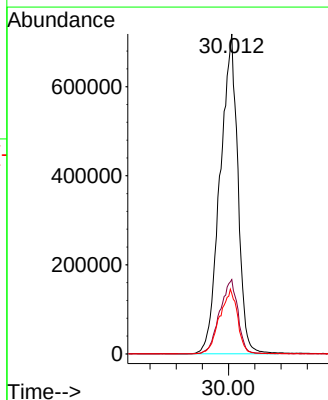
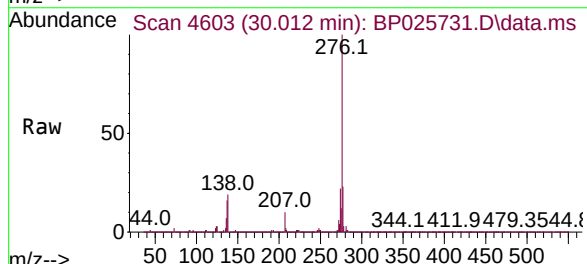
Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 3396390
Ion Ratio Lower Upper
278 100
139 16.1 12.1 18.1
279 24.3 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 61.370 ng
RT: 30.012 min Scan# 4603
Delta R.T. -0.000 min
Lab File: BP025731.D
Acq: 11 Sep 2025 13:43

Tgt Ion:276 Resp: 3366014
Ion Ratio Lower Upper
276 100
277 23.2 18.7 28.1
138 18.8 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025732.D
 Acq On : 11 Sep 2025 14:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	156685	20.000	ng	0.00
21) Naphthalene-d8	10.531	136	657507	20.000	ng	0.00
39) Acenaphthene-d10	14.384	164	457251	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	963896	20.000	ng	0.00
76) Chrysene-d12	21.642	240	964091	20.000	ng	0.00
86) Perylene-d12	24.995	264	1072676	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1519863	156.516	ng	0.00
7) Phenol-d6	6.949	99	2060064	159.607	ng	0.00
23) Nitrobenzene-d5	8.908	82	2312828	155.163	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	901504	158.067	ng	0.00
45) 2-Fluorobiphenyl	12.996	172	4820104	140.360	ng	0.00
79) Terphenyl-d14	19.913	244	7841805	146.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	293942	72.123	ng	100
3) Pyridine	3.708	79	864675	77.049	ng	97
4) n-Nitrosodimethylamine	3.614	42	406094	76.687	ng	100
6) Aniline	7.096	93	1418325	80.049	ng	99
8) 2-Chlorophenol	7.337	128	852861	80.059	ng	99
9) Benzaldehyde	6.914	77	614881	79.569	ng	100
10) Phenol	6.972	94	1090983	80.162	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	855627	78.251	ng	98
12) 1,3-Dichlorobenzene	7.649	146	917305	75.659	ng	97
13) 1,4-Dichlorobenzene	7.796	146	935253	75.728	ng	99
14) 1,2-Dichlorobenzene	8.108	146	905715	75.489	ng	99
15) Benzyl Alcohol	8.002	79	865116	81.113	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	1365629	76.370	ng	99
17) 2-Methylphenol	8.208	107	747211	81.433	ng	100
18) Hexachloroethane	8.825	117	362679	76.881	ng	96
19) n-Nitroso-di-n-propyla...	8.560	70	721517	81.103	ng	99
20) 3+4-Methylphenols	8.531	107	1023340	79.634	ng	99
22) Acetophenone	8.572	105	1366991	77.798	ng	# 98
24) Nitrobenzene	8.949	77	1052990	78.746	ng	98
25) Isophorone	9.484	82	2070061	79.012	ng	100
26) 2-Nitrophenol	9.649	139	504228	84.931	ng	96
27) 2,4-Dimethylphenol	9.713	122	842469	80.887	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	1190837	78.631	ng	99
29) 2,4-Dichlorophenol	10.190	162	850329	81.883	ng	99
30) 1,2,4-Trichlorobenzene	10.390	180	902735	77.134	ng	99
31) Naphthalene	10.578	128	2657135	74.948	ng	99
32) Benzoic acid	9.925	122	680741	87.910	ng	98
33) 4-Chloroaniline	10.684	127	1237939	83.774	ng	98
34) Hexachlorobutadiene	10.866	225	571616	75.871	ng	100
35) Caprolactam	11.513	113	324639	81.266	ng	96
36) 4-Chloro-3-methylphenol	11.825	107	998570	80.654	ng	96
37) 2-Methylnaphthalene	12.190	142	1750889	76.891	ng	99
38) 1-Methylnaphthalene	12.407	142	1849786	76.178	ng	99
40) 1,2,4,5-Tetrachloroben...	12.554	216	1039713	75.038	ng	100
41) Hexachlorocyclopentadiene	12.537	237	641317	84.983	ng	98
43) 2,4,6-Trichlorophenol	12.807	196	725824	79.683	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025732.D
 Acq On : 11 Sep 2025 14:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

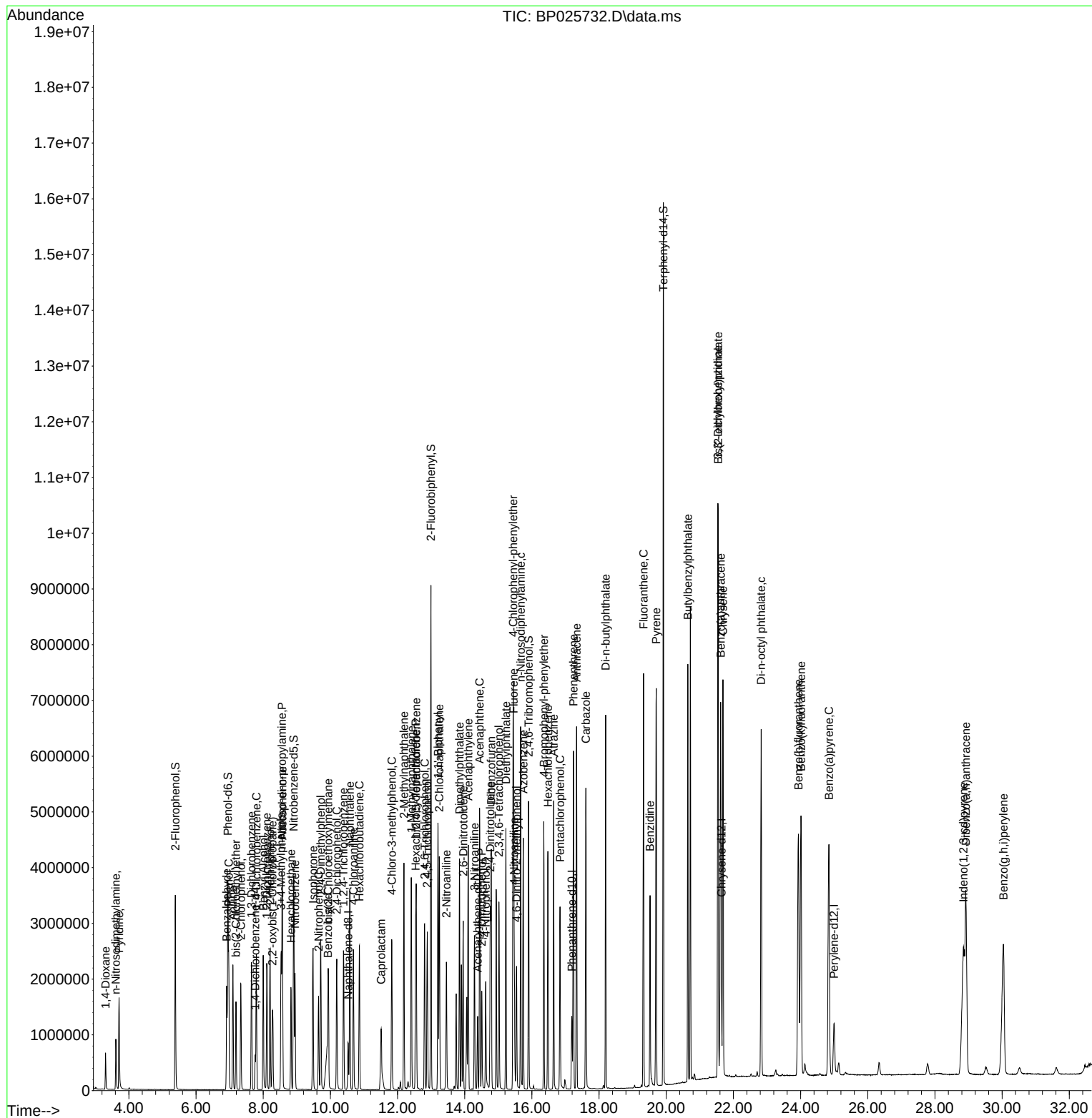
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	806956	79.601	ng	97
46) 1,1'-Biphenyl	13.201	154	2497929	74.426	ng	100
47) 2-Chloronaphthalene	13.243	162	1962349	74.255	ng	98
48) 2-Nitroaniline	13.454	65	733091	83.218	ng	97
49) Acenaphthylene	14.107	152	3311359	75.625	ng	99
50) Dimethylphthalate	13.843	163	2615037	74.909	ng	99
51) 2,6-Dinitrotoluene	13.954	165	580821	78.530	ng	100
52) Acenaphthene	14.443	154	1846398	73.121	ng	100
53) 3-Nitroaniline	14.290	138	649230	83.474	ng	100
54) 2,4-Dinitrophenol	14.507	184	382175	79.506	ng	93
55) Dibenzofuran	14.790	168	2999483	72.882	ng	99
56) 4-Nitrophenol	14.625	139	527475	78.823	ng	98
57) 2,4-Dinitrotoluene	14.760	165	853243	81.062	ng	98
58) Fluorene	15.454	166	2363617	72.225	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	722846	79.155	ng	98
60) Diethylphthalate	15.225	149	2678679	75.646	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	1190470	72.181	ng	97
62) 4-Nitroaniline	15.472	138	667122	83.790	ng	99
63) Azobenzene	15.742	77	2578205	75.299	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	537070	83.783	ng	97
66) n-Nitrosodiphenylamine	15.666	169	2109969	71.530	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	792238	74.816	ng	97
68) Hexachlorobenzene	16.478	284	892102	75.546	ng	96
69) Atrazine	16.648	200	876809	77.763	ng	99
70) Pentachlorophenol	16.837	266	629802	80.808	ng	98
71) Phenanthrene	17.236	178	3960390	72.431	ng	100
72) Anthracene	17.331	178	4027019	72.588	ng	100
73) Carbazole	17.607	167	3852545	74.694	ng	99
74) Di-n-butylphthalate	18.195	149	4705330	74.340	ng	100
75) Fluoranthene	19.325	202	4786922	72.998	ng	100
77) Benzidine	19.519	184	2065703	74.384	ng	100
78) Pyrene	19.701	202	4911699	76.353	ng	100
80) Butylbenzylphthalate	20.642	149	2268963	80.443	ng	98
81) Benzo(a)anthracene	21.619	228	5031313	76.229	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	1705366	74.725	ng	99
83) Chrysene	21.689	228	4667905	74.190	ng	99
84) Bis(2-ethylhexyl)phtha...	21.542	149	3154011	76.431	ng	100
85) Di-n-octyl phthalate	22.824	149	5799888	79.012	ng	100
87) Indeno(1,2,3-cd)pyrene	28.848	276	5948880	76.261	ng	# 84
88) Benzo(b)fluoranthene	23.936	252	5088293	77.570	ng	99
89) Benzo(k)fluoranthene	24.013	252	4938760	73.783	ng	99
90) Benzo(a)pyrene	24.842	252	4896947	76.231	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	4903653	76.817	ng	98
92) Benzo(g,h,i)perylene	30.036	276	4826771	76.886	ng	99

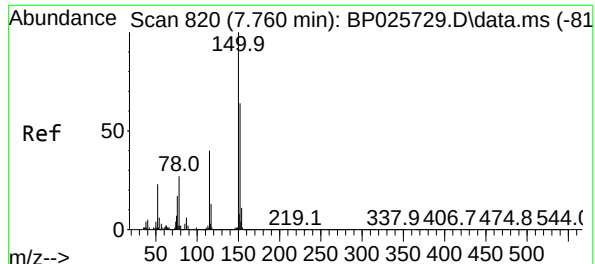
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025732.D
 Acq On : 11 Sep 2025 14:24
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Quant Time: Sep 11 16:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

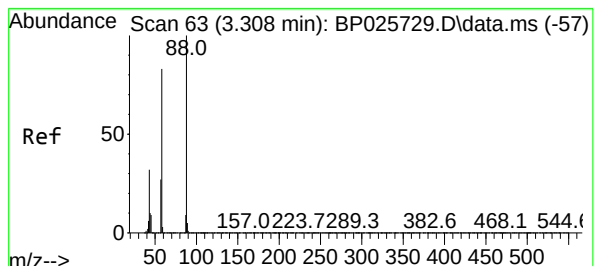
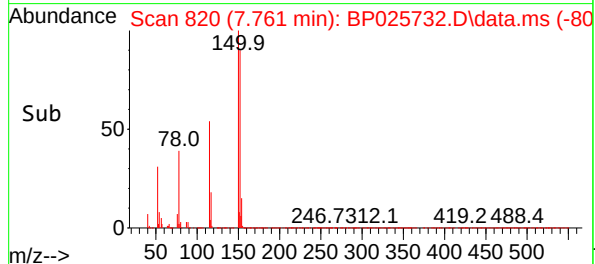
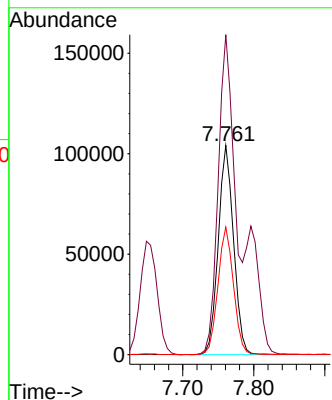
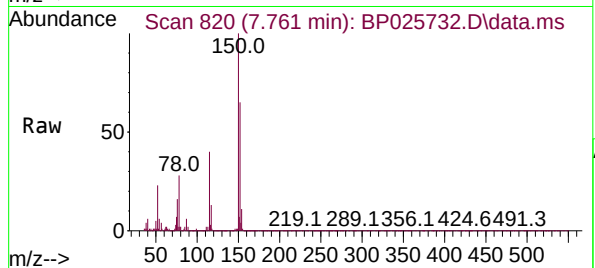




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.761 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

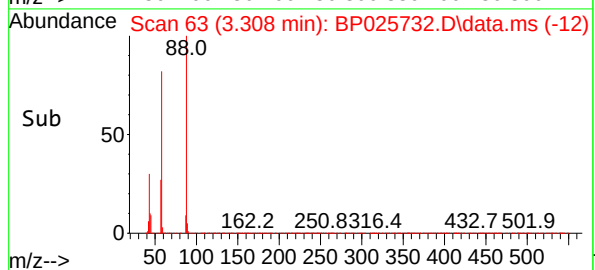
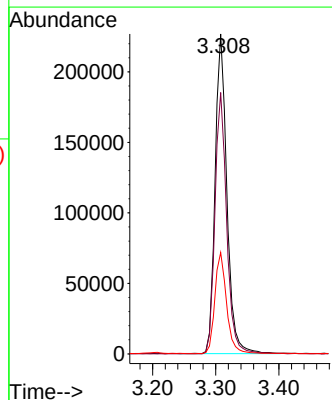
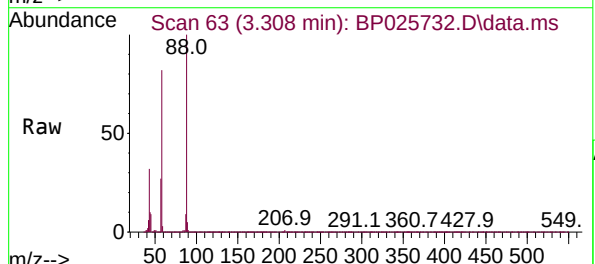
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

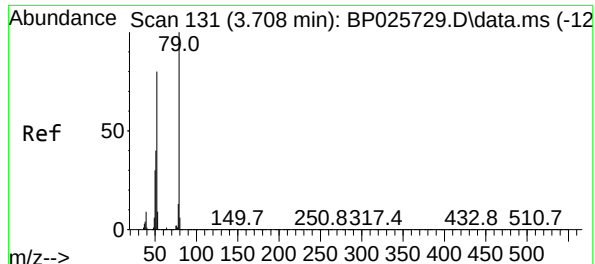
Tgt Ion:152 Resp: 156685
Ion Ratio Lower Upper
152 100
150 153.0 124.3 186.5
115 61.0 50.3 75.5



#2
1,4-Dioxane
Concen: 72.123 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 88 Resp: 293942
Ion Ratio Lower Upper
88 100
58 81.8 65.5 98.3
43 31.6 25.2 37.8

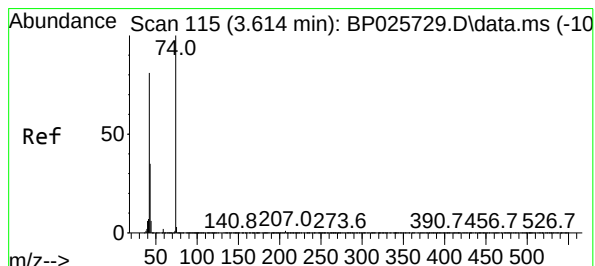
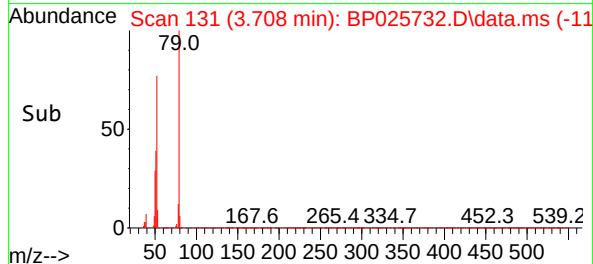
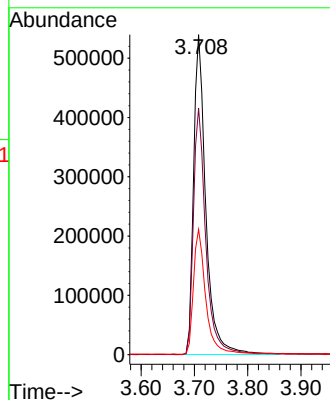
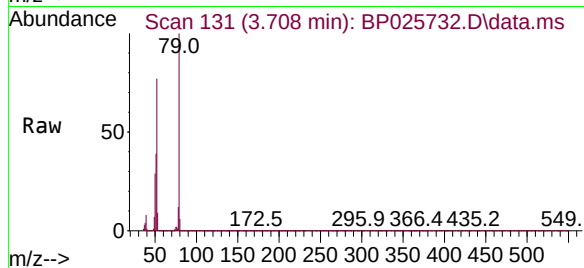




#3
Pyridine
Concen: 77.049 ng
RT: 3.708 min Scan# 131
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

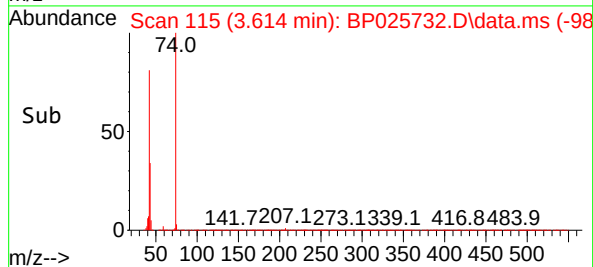
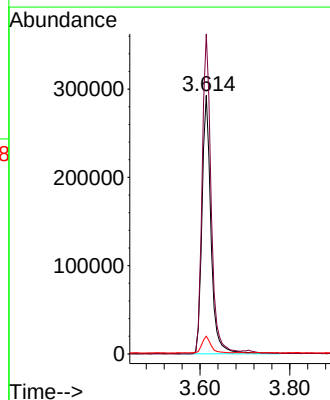
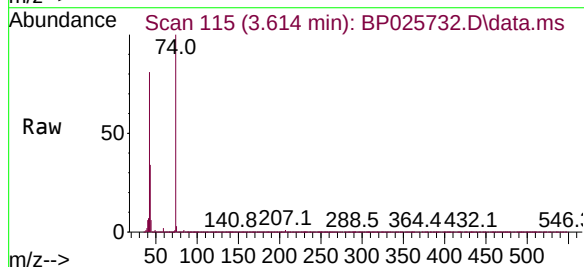
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

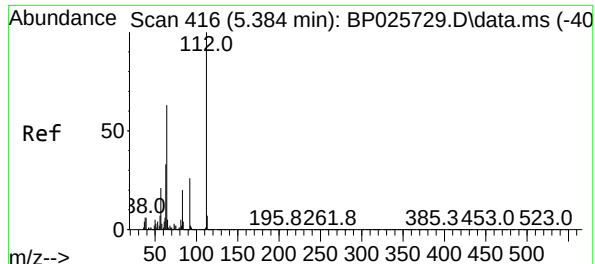
Tgt Ion: 79 Resp: 864675
Ion Ratio Lower Upper
79 100
52 77.1 63.7 95.5
51 39.1 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 76.687 ng
RT: 3.614 min Scan# 115
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 42 Resp: 406094
Ion Ratio Lower Upper
42 100
74 123.8 99.2 148.8
44 6.8 6.4 9.6





#5

2-Fluorophenol

Concen: 156.516 ng

RT: 5.384 min Scan# 416

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

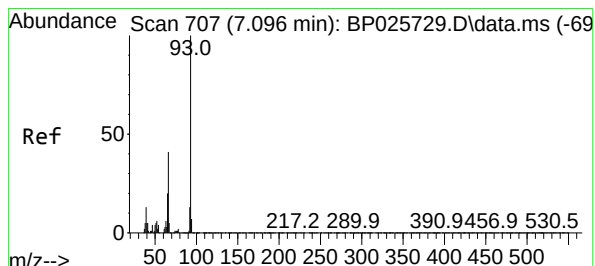
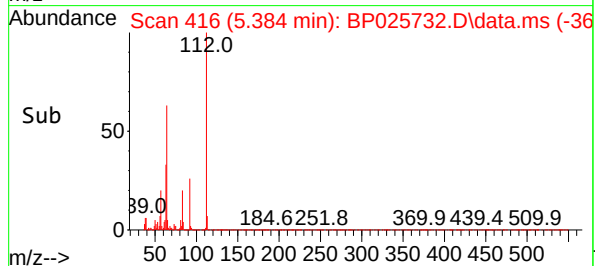
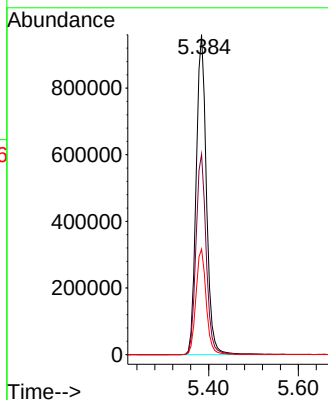
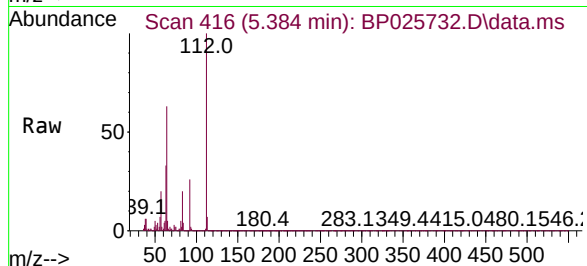
Tgt Ion:112 Resp: 1519863

Ion Ratio Lower Upper

112 100

64 62.6 50.2 75.4

63 33.0 26.7 40.1



#6

Aniline

Concen: 80.049 ng

RT: 7.096 min Scan# 707

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

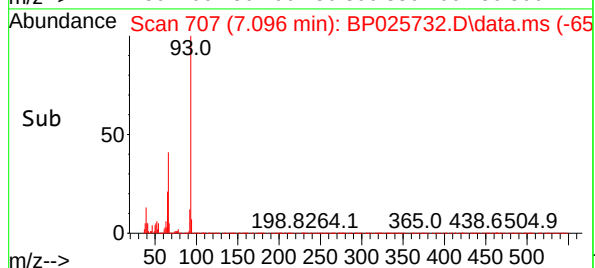
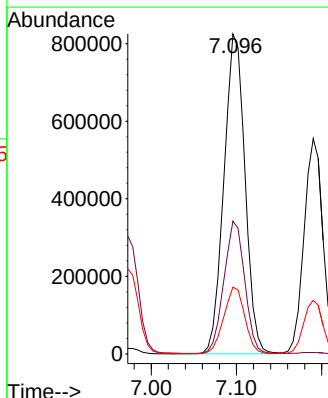
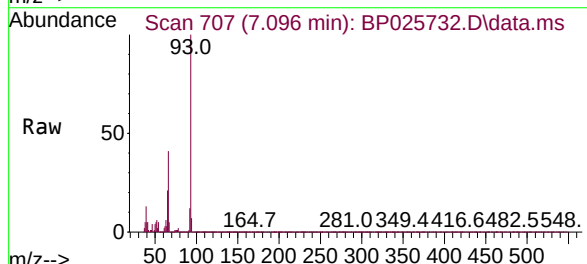
Tgt Ion: 93 Resp: 1418325

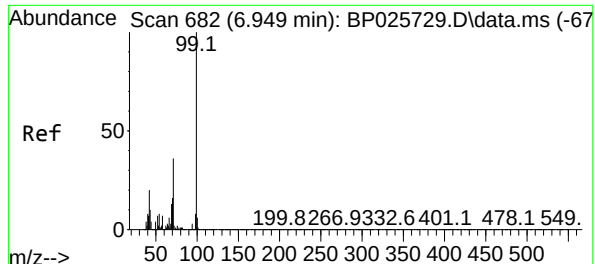
Ion Ratio Lower Upper

93 100

66 41.5 32.6 49.0

65 20.9 16.2 24.2

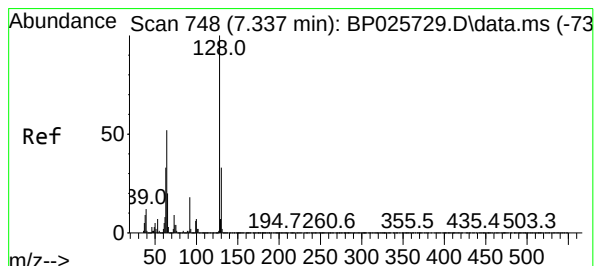
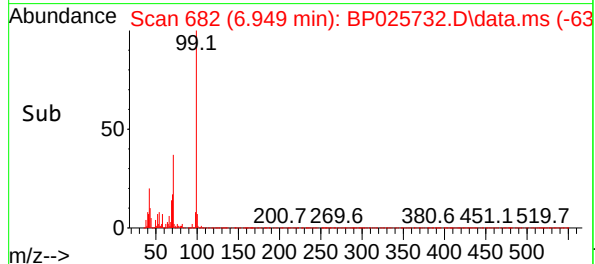
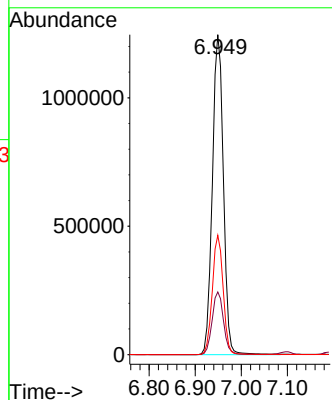
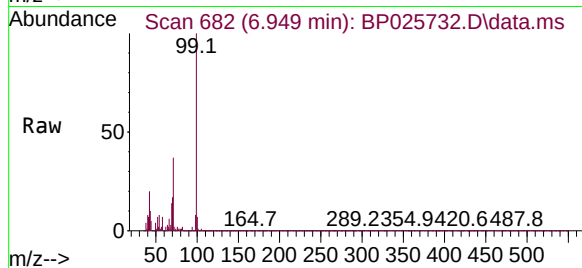




#7
Phenol-d6
Concen: 159.607 ng
RT: 6.949 min Scan# 682
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

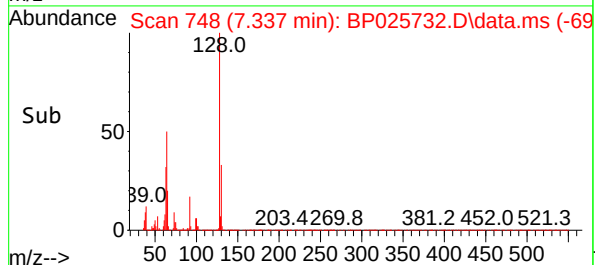
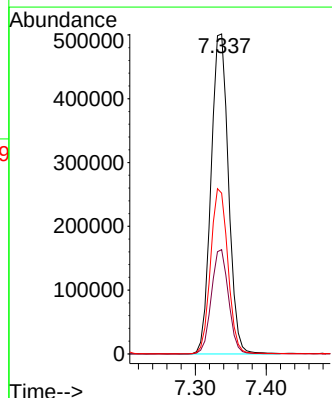
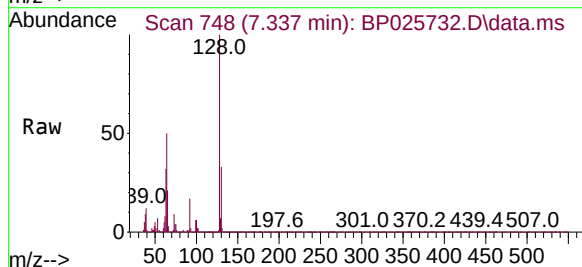
Instrument :
BNA_P
ClientSampleId :
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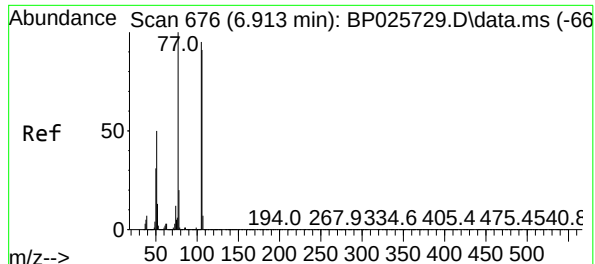
Tgt Ion: 99 Resp: 2060064
Ion Ratio Lower Upper
99 100
42 19.6 15.6 23.4
71 37.3 28.6 43.0



#8
2-Chlorophenol
Concen: 80.059 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 128 Resp: 852861
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 50.2 31.6 71.6

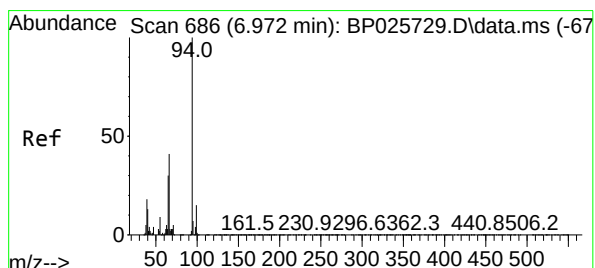
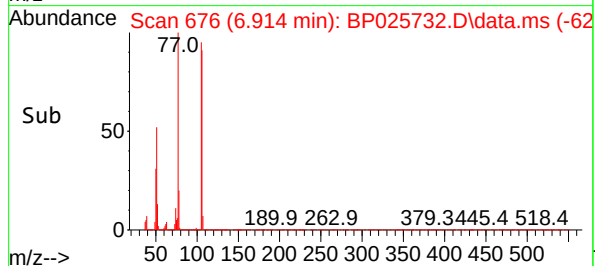
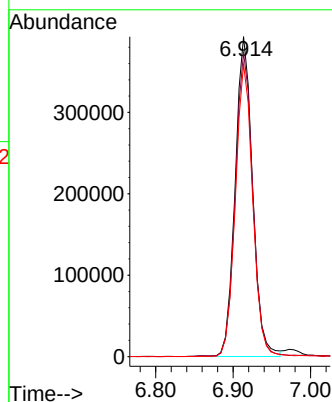
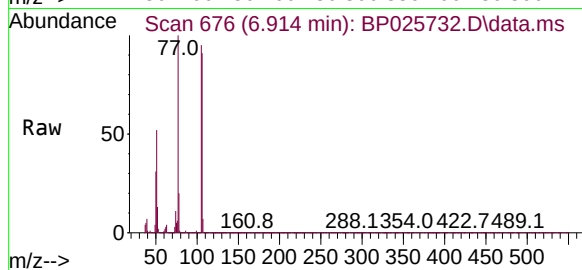




#9
Benzaldehyde
Concen: 79.569 ng
RT: 6.914 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

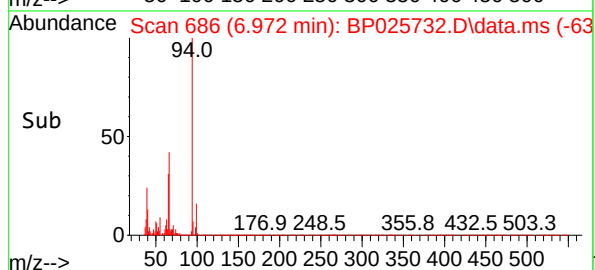
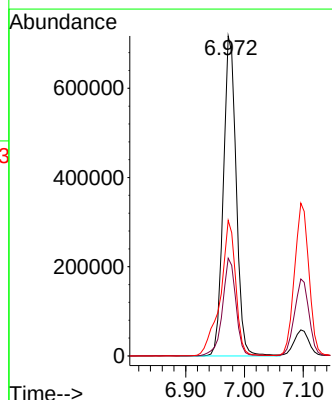
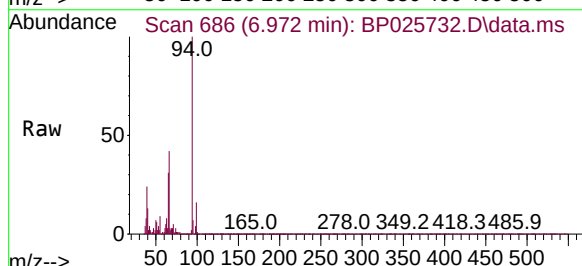
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

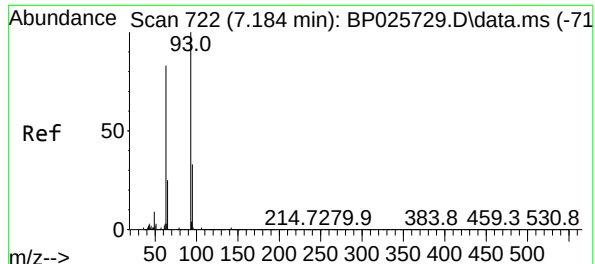
Tgt Ion: 77 Resp: 614881
Ion Ratio Lower Upper
77 100
105 95.0 75.2 115.2
106 91.3 71.3 111.3



#10
Phenol
Concen: 80.162 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 94 Resp: 1090983
Ion Ratio Lower Upper
94 100
65 30.5 10.2 50.2
66 42.3 21.4 61.4

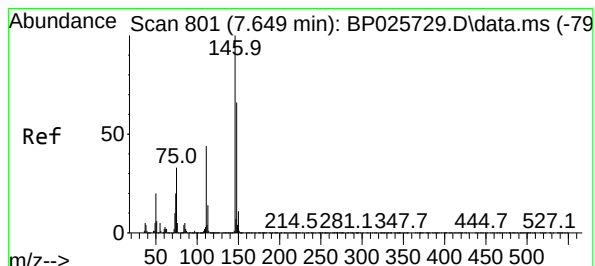
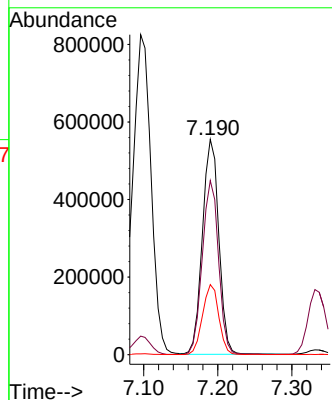
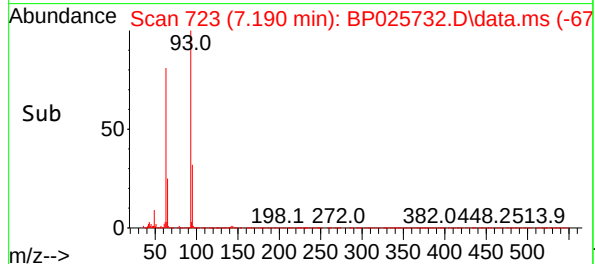
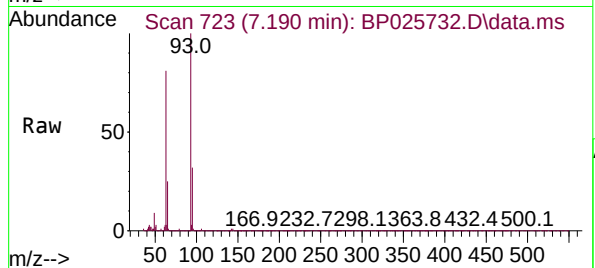




#11
bis(2-Chloroethyl)ether
Concen: 78.251 ng
RT: 7.190 min Scan# 71
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

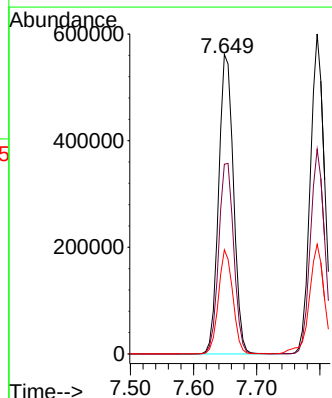
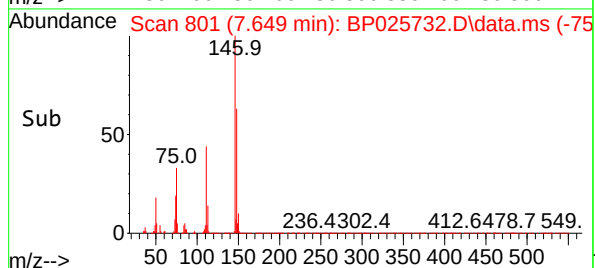
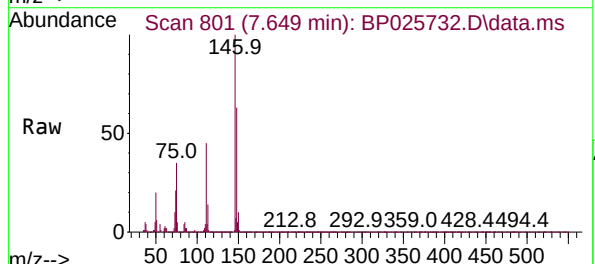
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

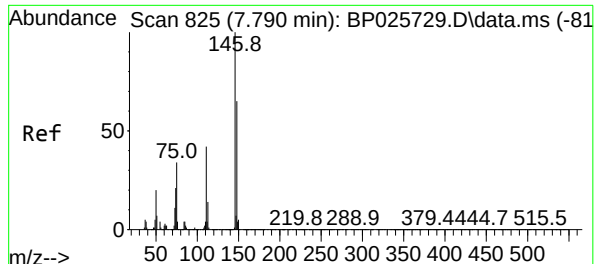
Tgt Ion: 93 Resp: 855627
Ion Ratio Lower Upper
93 100
63 80.8 62.6 102.6
95 32.5 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 75.659 ng
RT: 7.649 min Scan# 801
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 146 Resp: 917305
Ion Ratio Lower Upper
146 100
148 63.3 52.7 79.1
75 34.8 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 75.728 ng

RT: 7.796 min Scan# 81

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

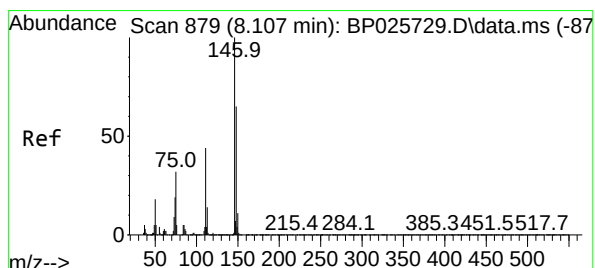
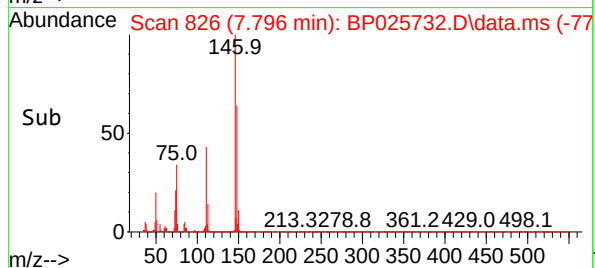
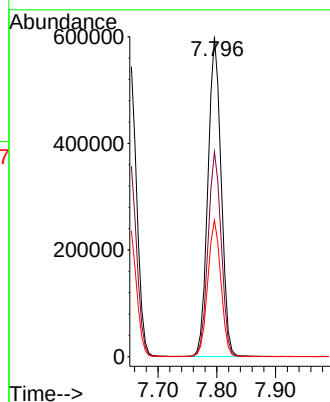
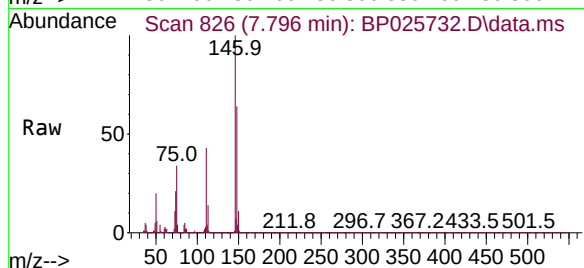
Tgt Ion:146 Resp: 935253

Ion Ratio Lower Upper

146 100

148 64.0 52.0 78.0

111 42.6 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 75.489 ng

RT: 8.108 min Scan# 879

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

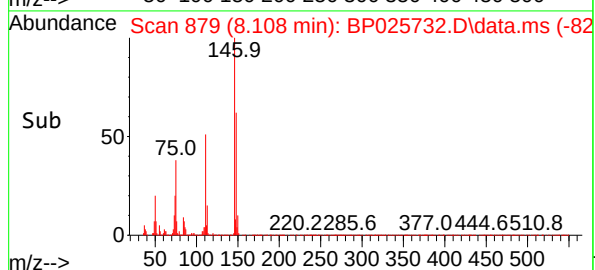
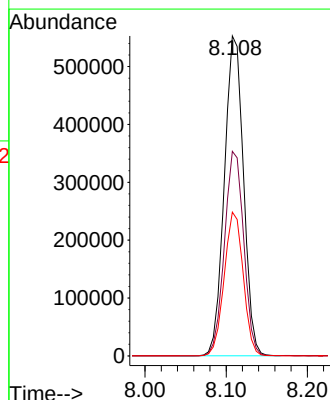
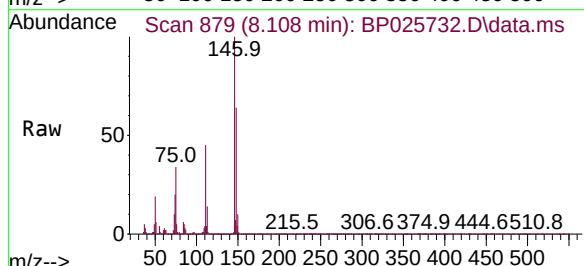
Tgt Ion:146 Resp: 905715

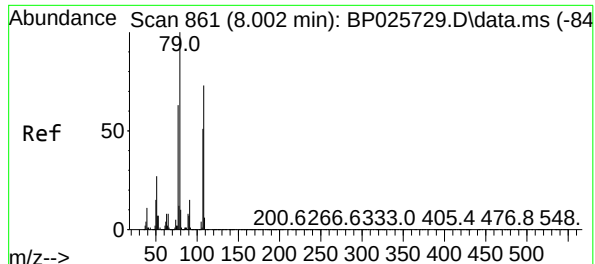
Ion Ratio Lower Upper

146 100

148 63.9 51.7 77.5

111 44.9 35.5 53.3





#15

Benzyl Alcohol

Concen: 81.113 ng

RT: 8.002 min Scan# 861

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

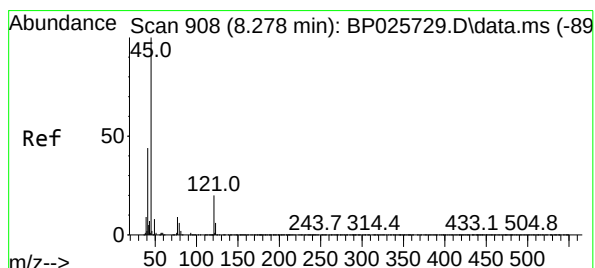
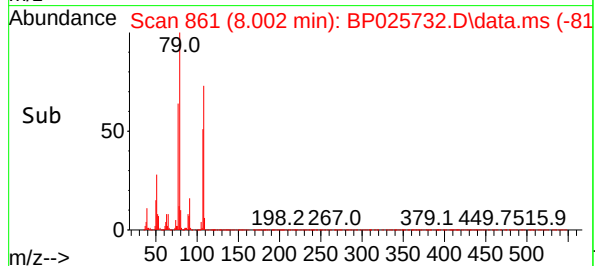
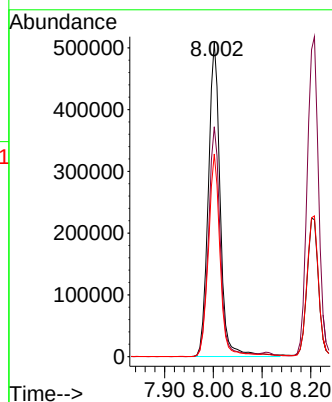
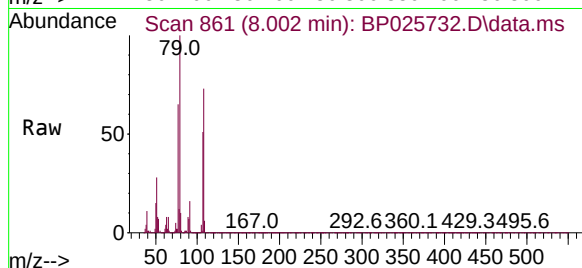
Tgt Ion: 79 Resp: 865116

Ion Ratio Lower Upper

79 100

108 73.1 58.7 88.1

77 64.5 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 76.370 ng

RT: 8.278 min Scan# 908

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

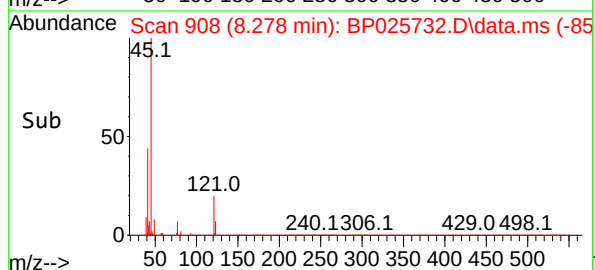
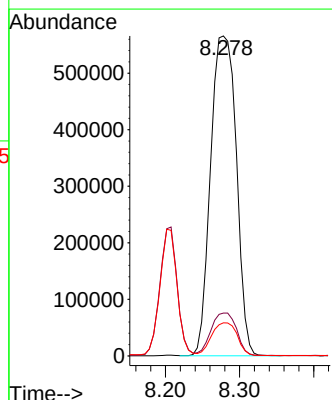
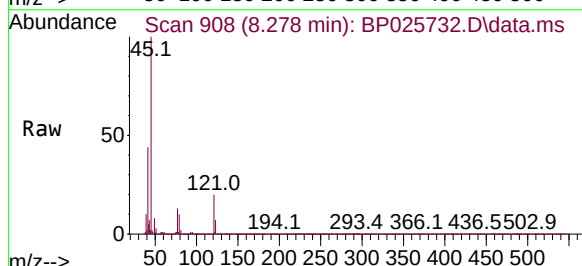
Tgt Ion: 45 Resp: 1365629

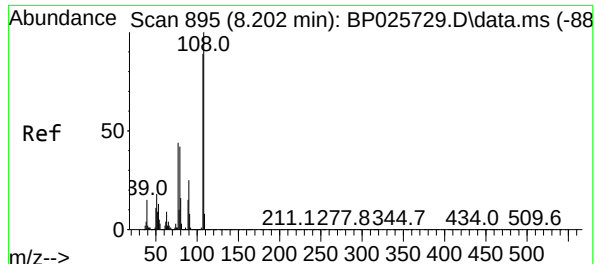
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.1

79 10.3 0.0 30.0

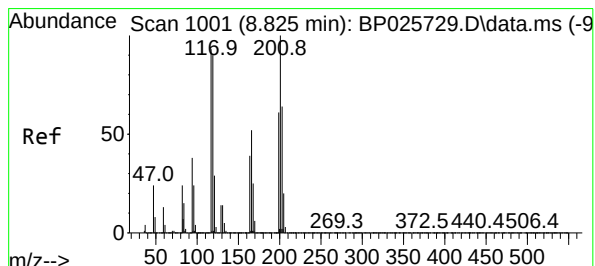
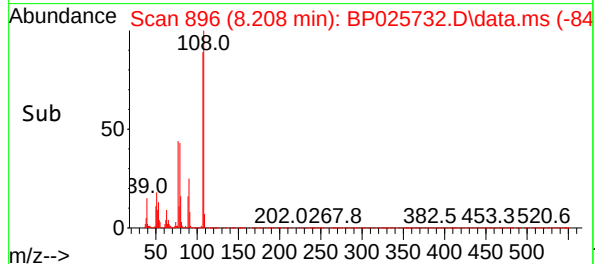
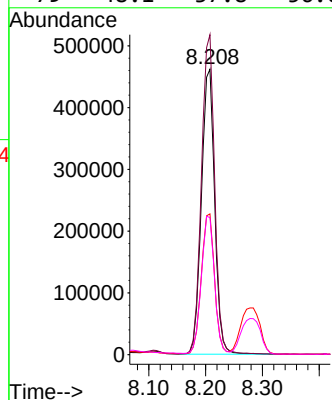
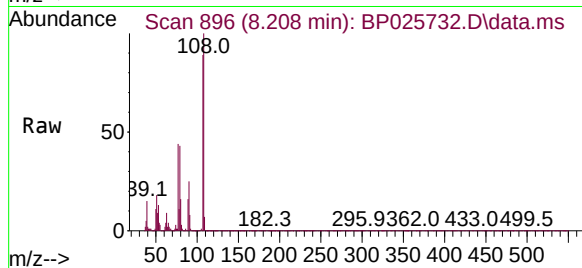




#17
2-Methylphenol
Concen: 81.433 ng
RT: 8.208 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

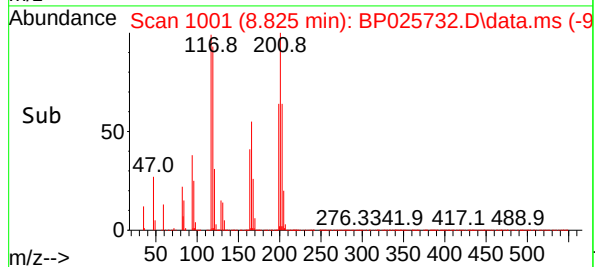
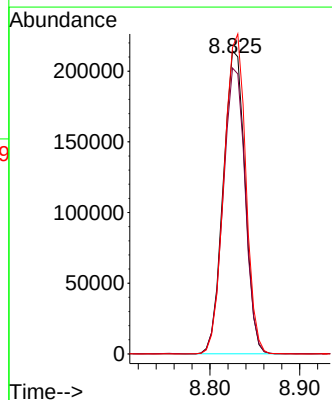
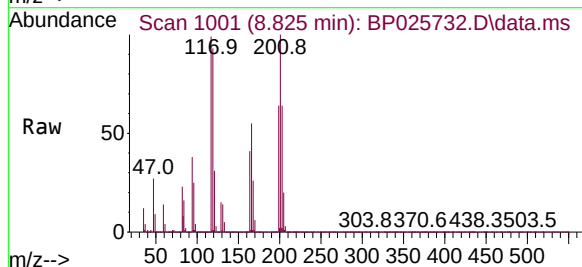
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

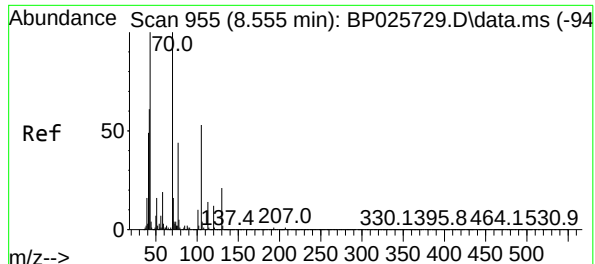
Tgt Ion:107 Resp: 747211
Ion Ratio Lower Upper
107 100
108 112.1 89.6 134.4
77 49.3 39.3 58.9
79 48.1 37.8 56.6



#18
Hexachloroethane
Concen: 76.881 ng
RT: 8.825 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:117 Resp: 362679
Ion Ratio Lower Upper
117 100
119 94.3 77.1 115.7
201 101.0 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 81.103 ng

RT: 8.560 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP025732.D

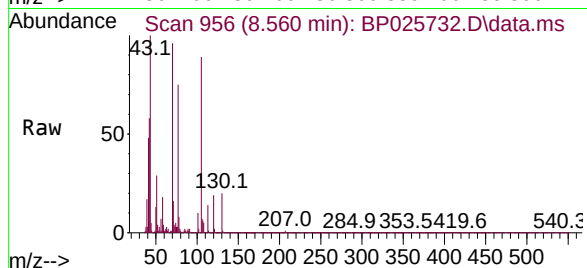
Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

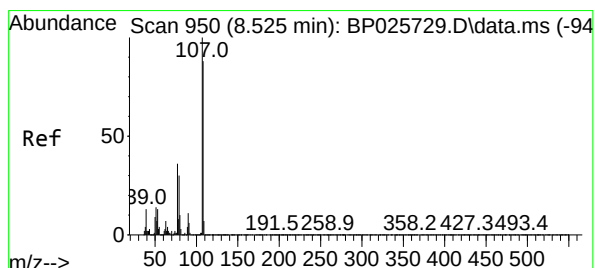
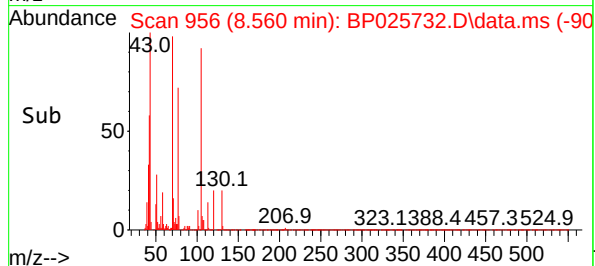
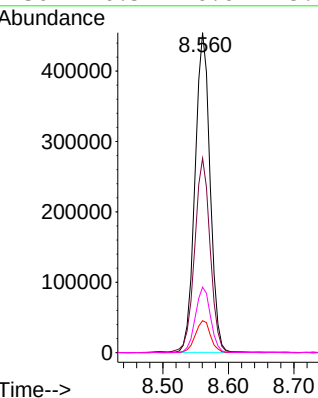
ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 721517

Ion	Ratio	Lower	Upper
70	100		
42	60.8	49.0	73.4
101	10.0	7.9	11.9
130	20.5	16.6	25.0



#20

3+4-Methylphenols

Concen: 79.634 ng

RT: 8.531 min Scan# 951

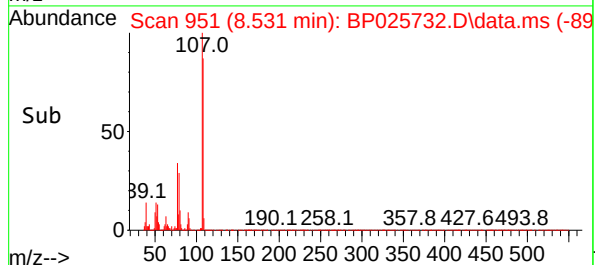
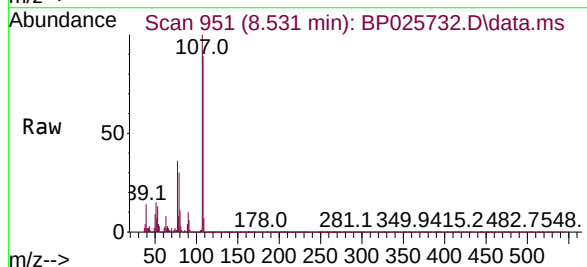
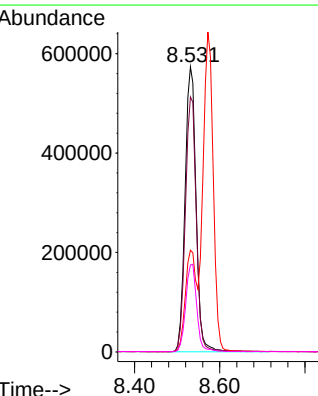
Delta R.T. 0.006 min

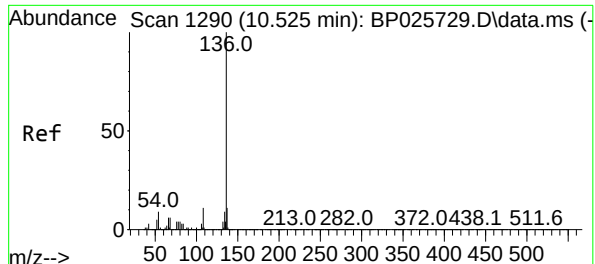
Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion: 107 Resp: 1023340

Ion	Ratio	Lower	Upper
107	100		
108	89.5	67.8	107.8
77	35.7	16.1	56.1
79	30.5	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.531 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 657507

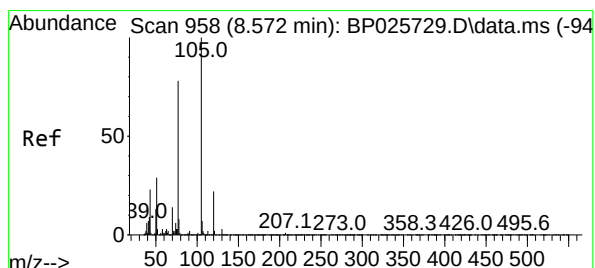
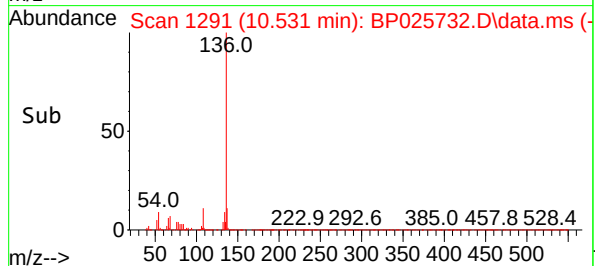
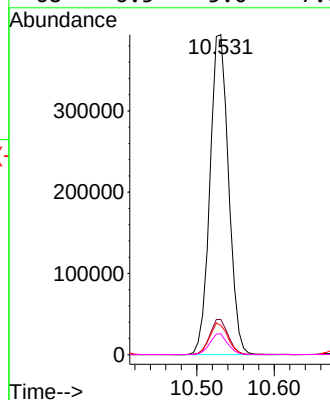
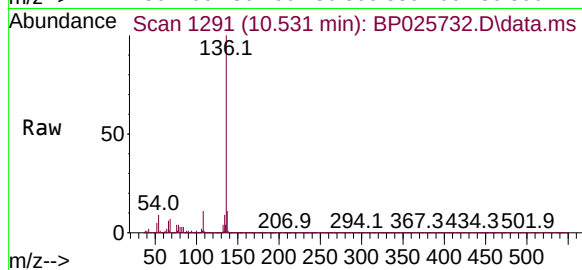
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.1 7.5 11.3

68 6.5 5.0 7.6



#22

Acetophenone

Concen: 77.798 ng

RT: 8.572 min Scan# 958

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion:105 Resp: 1366991

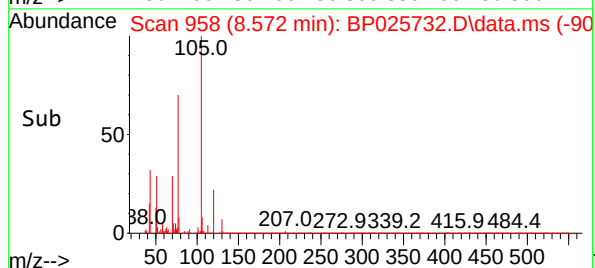
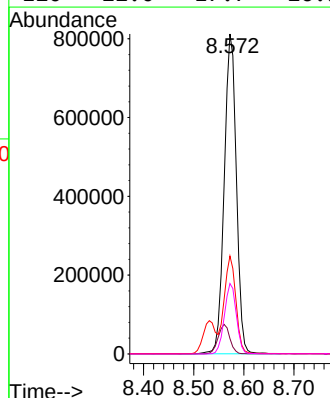
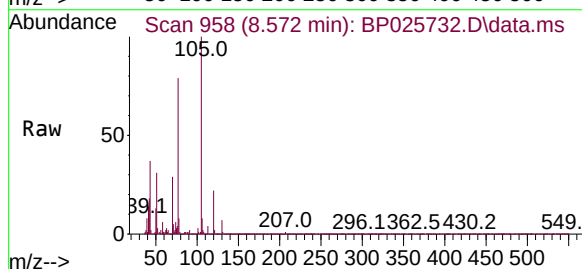
Ion Ratio Lower Upper

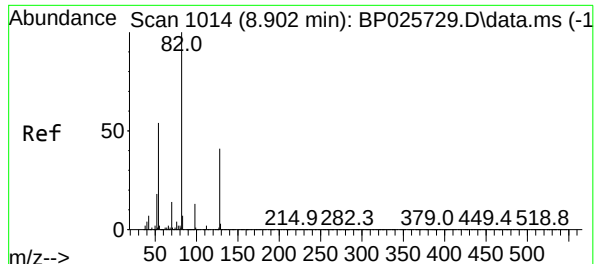
105 100

71 4.8 1.8 2.8

51 30.6 23.5 35.3

120 22.0 17.7 26.5





#23

Nitrobenzene-d5

Concen: 155.163 ng

RT: 8.908 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

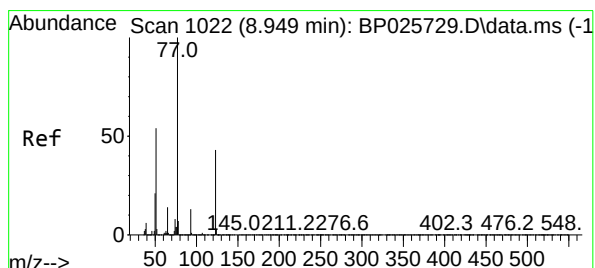
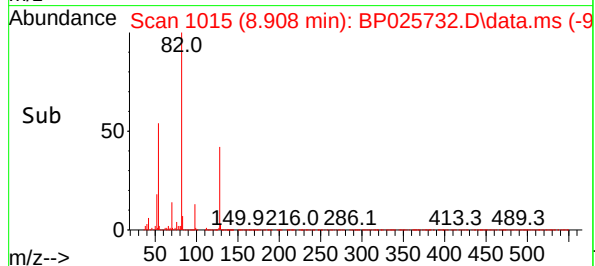
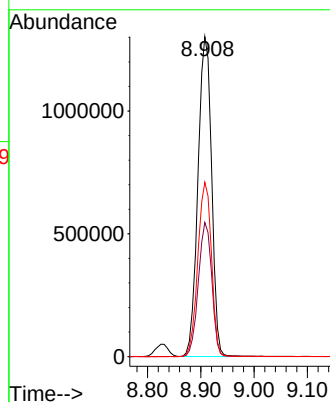
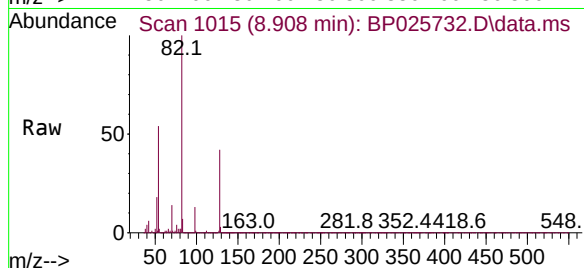
BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion: 82 Resp: 2312828

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.9	49.3
54	54.5	43.4	65.2



#24

Nitrobenzene

Concen: 78.746 ng

RT: 8.949 min Scan# 1022

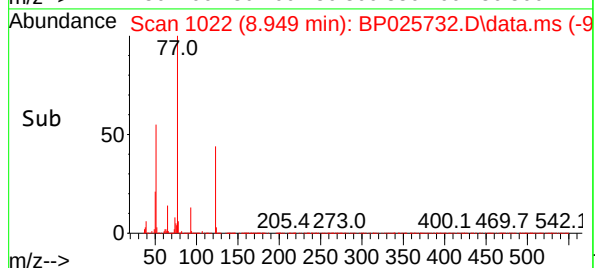
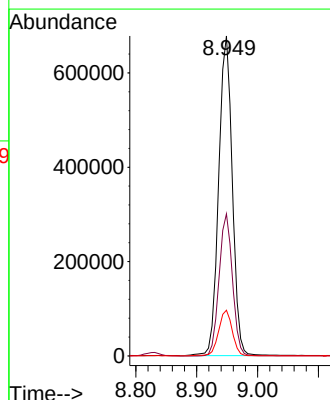
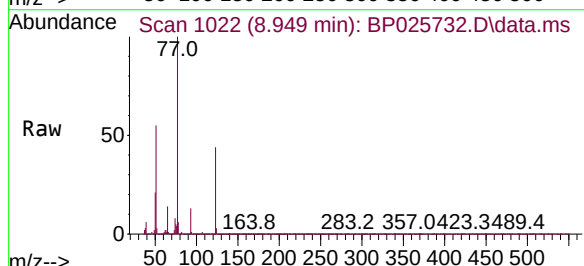
Delta R.T. 0.000 min

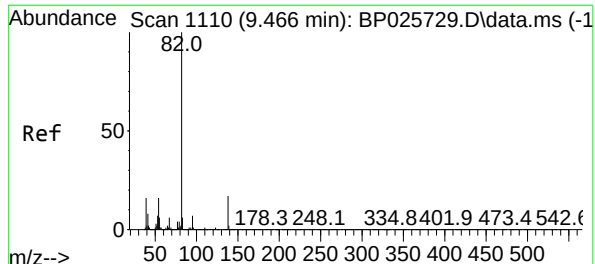
Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion: 77 Resp: 1052990

Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.4	51.6
65	14.3	10.8	16.2

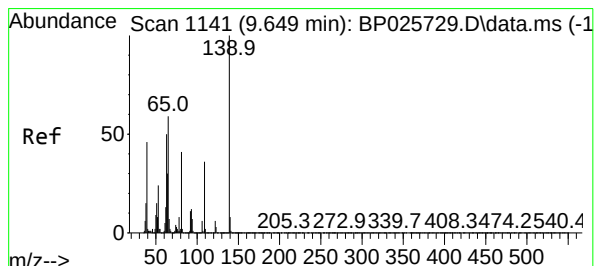
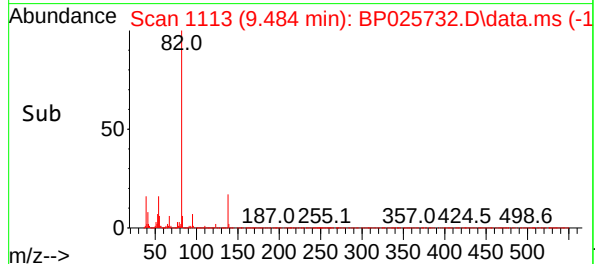
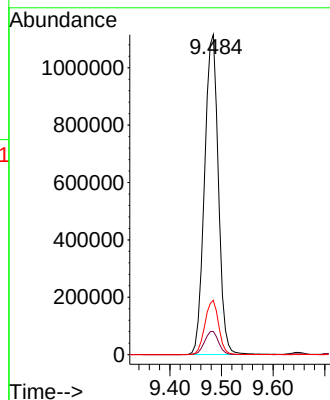
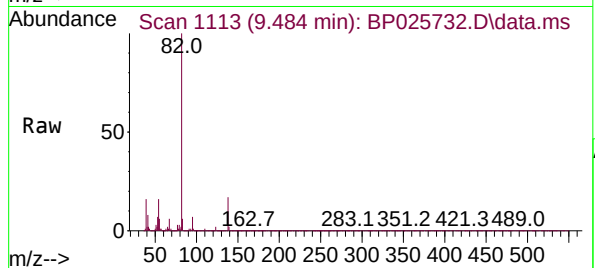




#25
Isophorone
Concen: 79.012 ng
RT: 9.484 min Scan# 1113
Delta R.T. 0.018 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

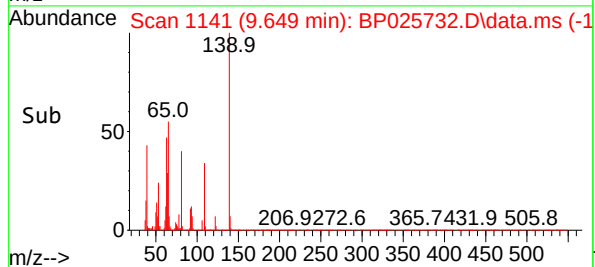
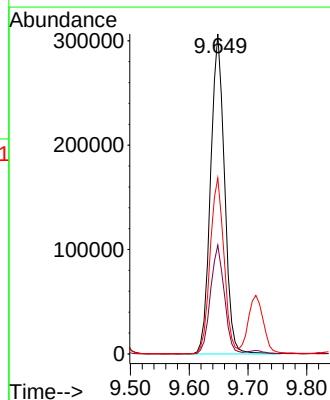
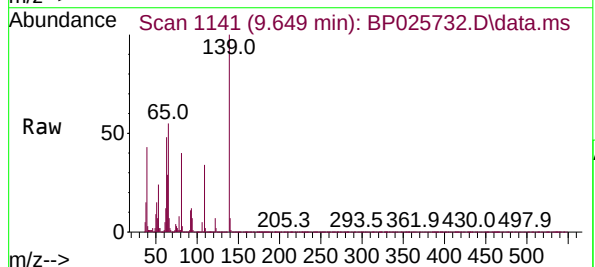
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

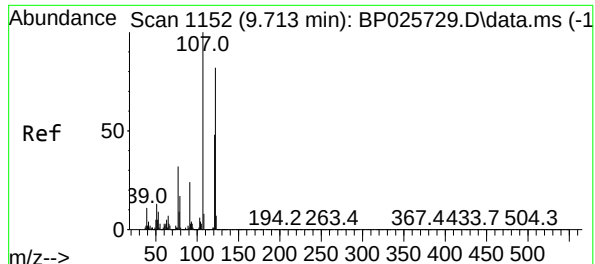
Tgt Ion: 82 Resp: 2070061
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.0 13.5 20.3



#26
2-Nitrophenol
Concen: 84.931 ng
RT: 9.649 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 139 Resp: 504228
Ion Ratio Lower Upper
139 100
109 34.0 29.0 43.4
65 55.0 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 80.887 ng

RT: 9.713 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

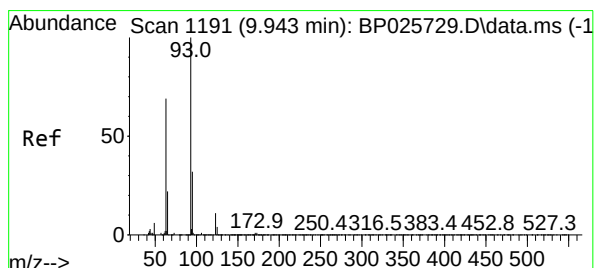
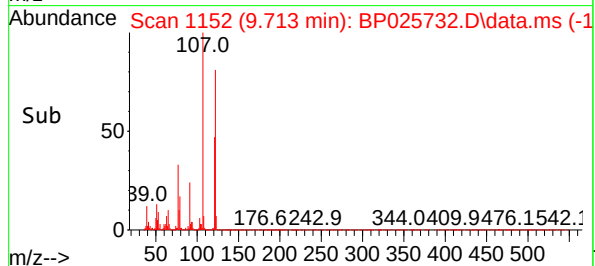
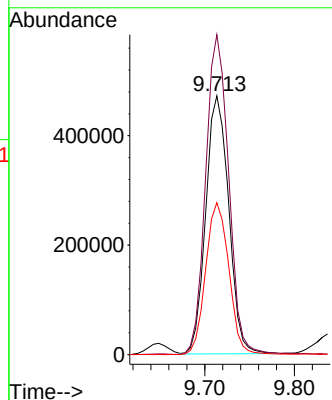
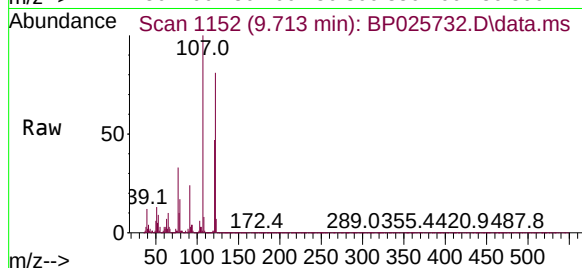
Tgt Ion:122 Resp: 842469

Ion Ratio Lower Upper

122 100

107 123.6 97.9 146.9

121 58.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 78.631 ng

RT: 9.937 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

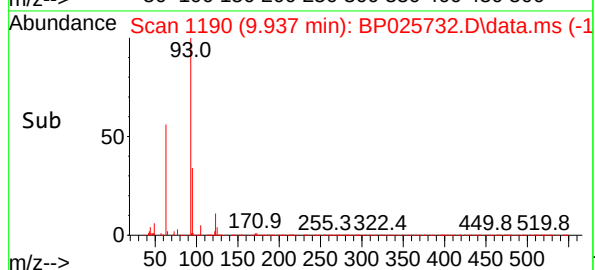
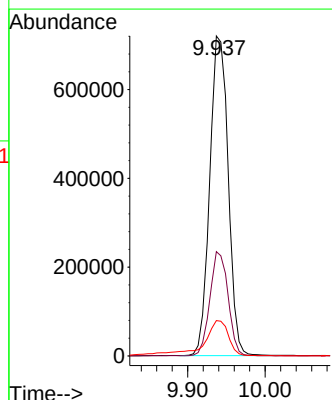
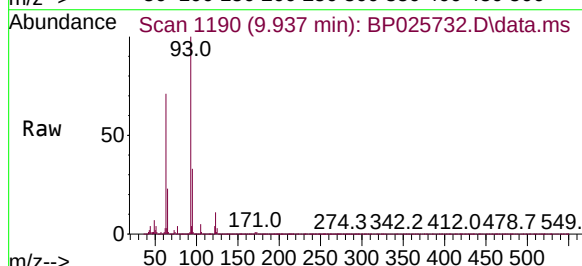
Tgt Ion: 93 Resp: 1190837

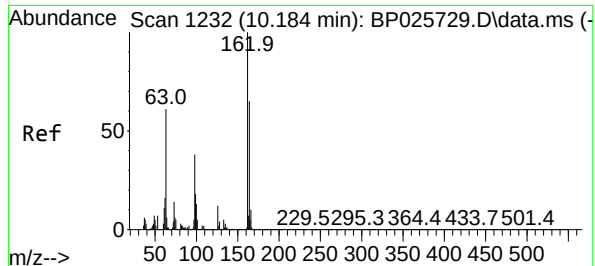
Ion Ratio Lower Upper

93 100

95 32.6 25.6 38.4

123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 81.883 ng

RT: 10.190 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

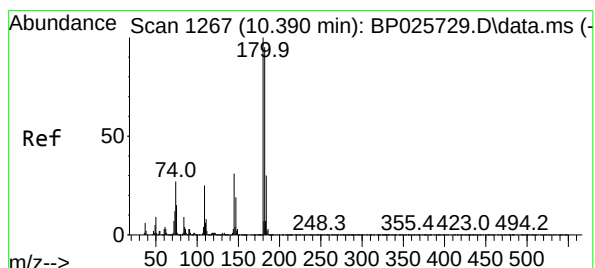
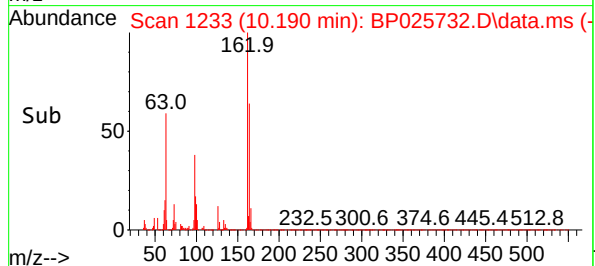
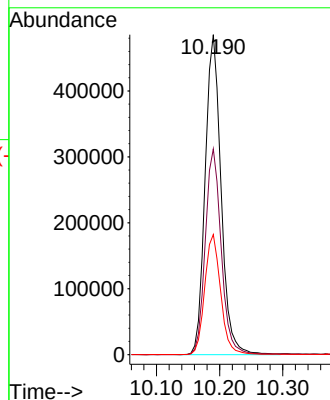
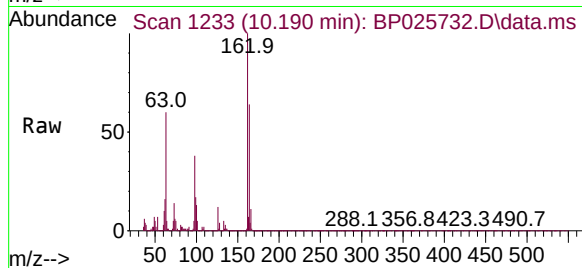
Tgt Ion:162 Resp: 850329

Ion Ratio Lower Upper

162 100

164 64.3 44.7 84.7

98 37.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 77.134 ng

RT: 10.390 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

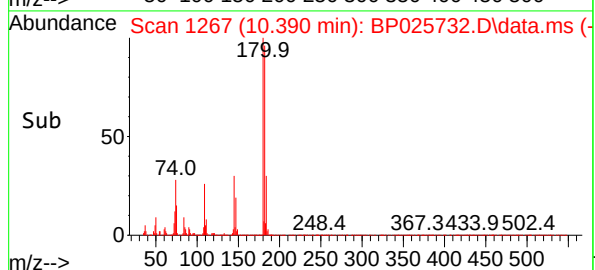
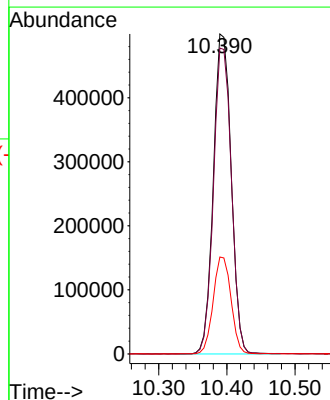
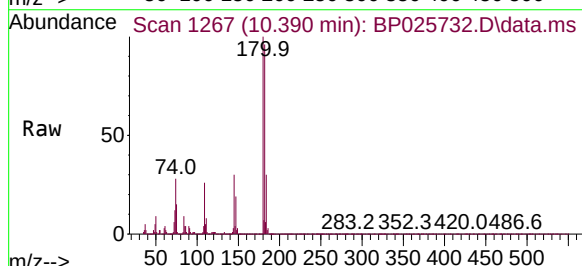
Tgt Ion:180 Resp: 902735

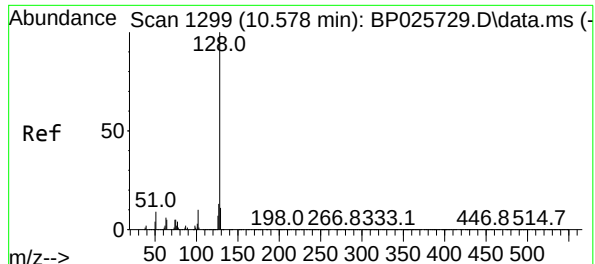
Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 30.3 24.7 37.1

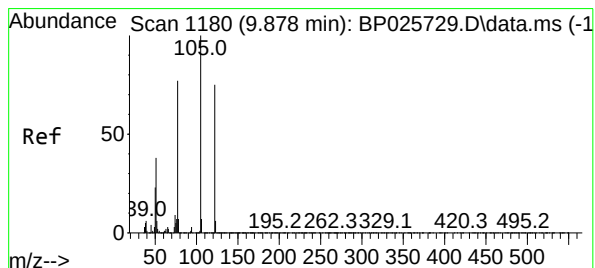
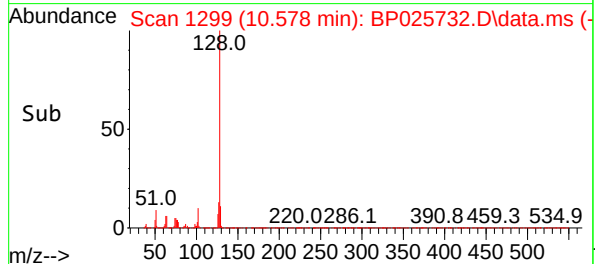
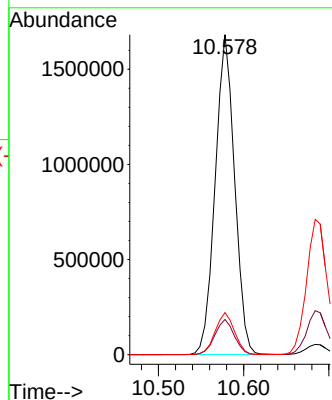
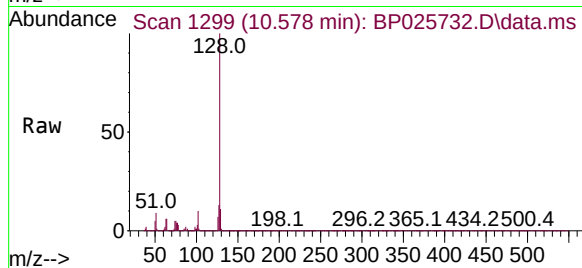




#31
Naphthalene
Concen: 74.948 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

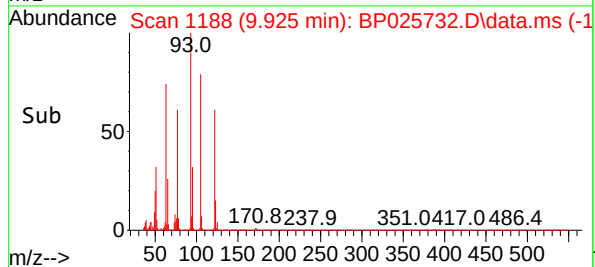
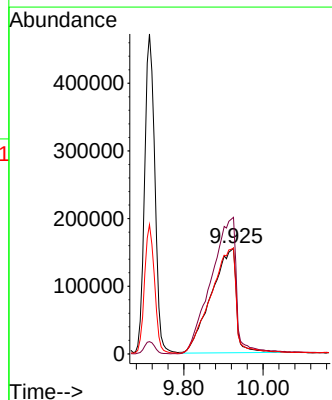
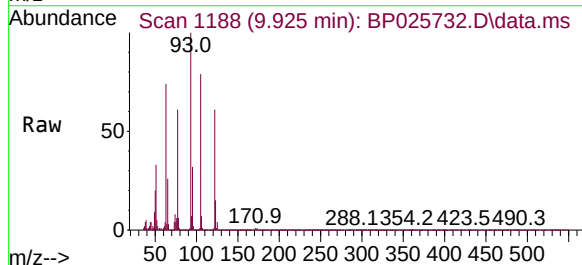
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

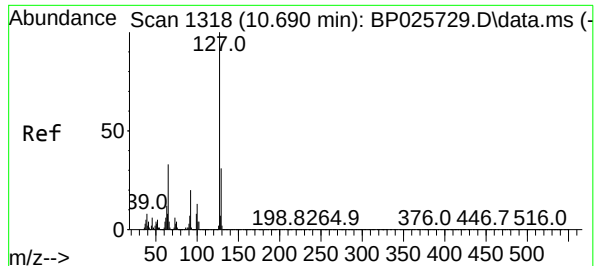
Tgt Ion:128 Resp: 2657135
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.2 10.2 15.4



#32
Benzoic acid
Concen: 87.910 ng
RT: 9.925 min Scan# 1188
Delta R.T. 0.047 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:122 Resp: 680741
Ion Ratio Lower Upper
122 100
105 129.3 111.5 151.5
77 100.2 81.8 121.8



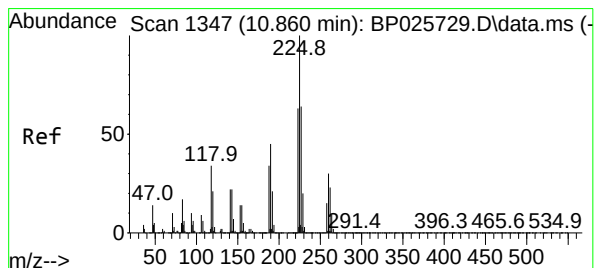
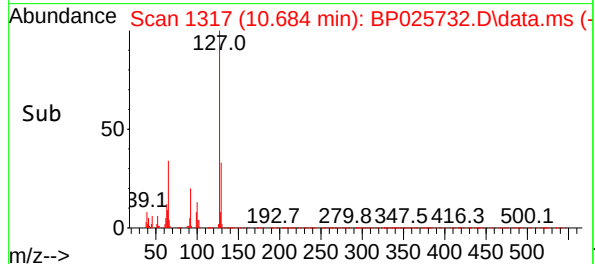
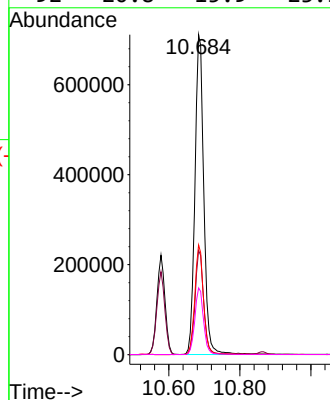
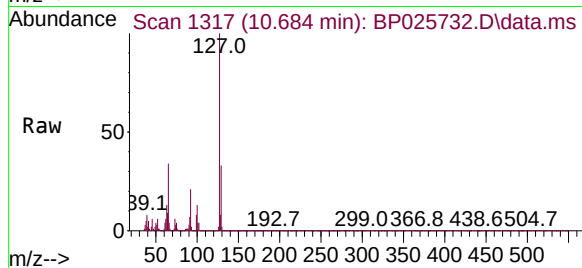


#33
4-Chloroaniline
Concen: 83.774 ng
RT: 10.684 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Tgt Ion:127 Resp: 1237939

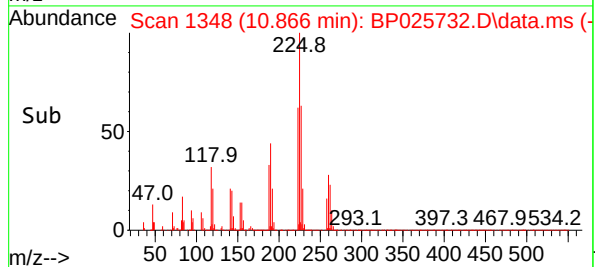
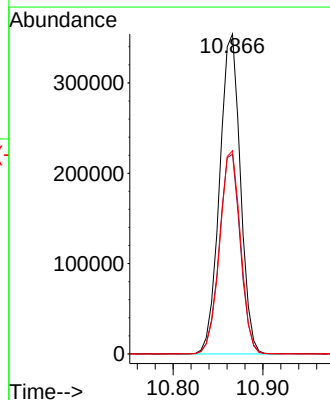
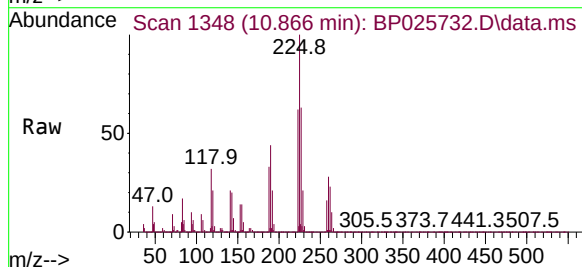
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.1	37.7
65	34.3	26.4	39.6
92	20.8	15.9	23.9

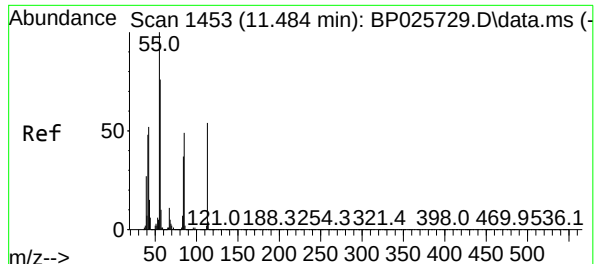


#34
Hexachlorobutadiene
Concen: 75.871 ng
RT: 10.866 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:225 Resp: 571616

Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	63.5	51.2	76.8





#35

Caprolactam

Concen: 81.266 ng

RT: 11.513 min Scan# 1453

Delta R.T. 0.029 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

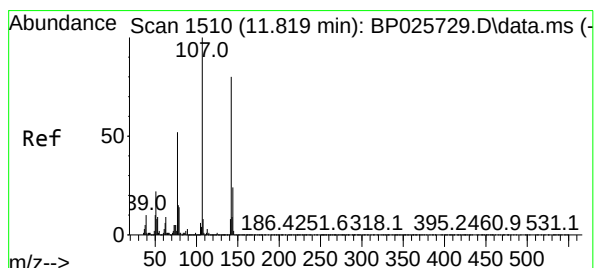
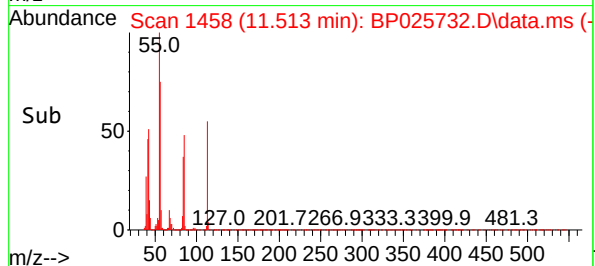
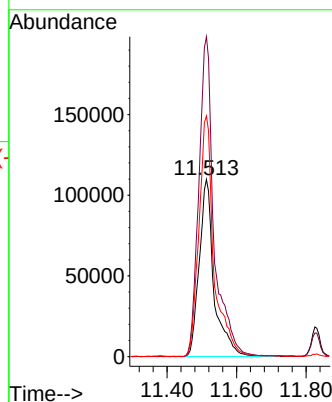
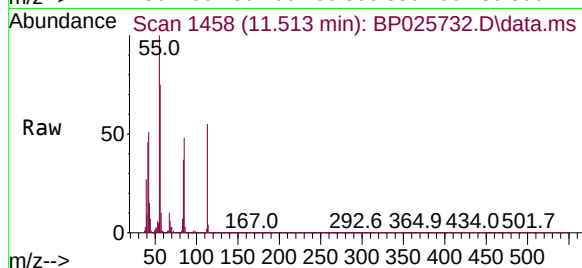
Tgt Ion:113 Resp: 324639

Ion Ratio Lower Upper

113 100

55 180.6 165.5 205.5

56 135.9 121.1 161.1



#36

4-Chloro-3-methylphenol

Concen: 80.654 ng

RT: 11.825 min Scan# 1511

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

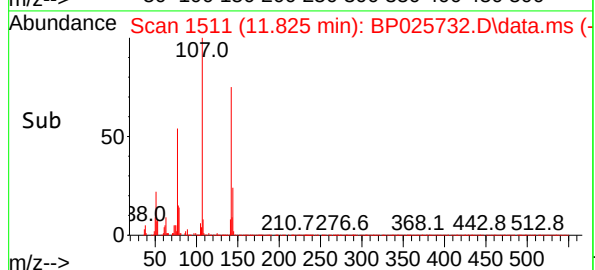
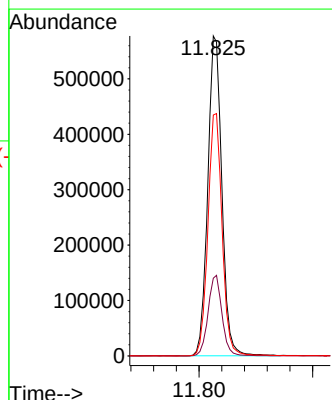
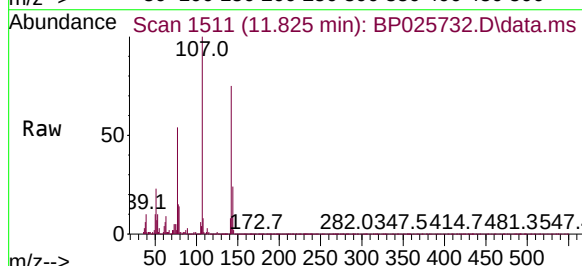
Tgt Ion:107 Resp: 998570

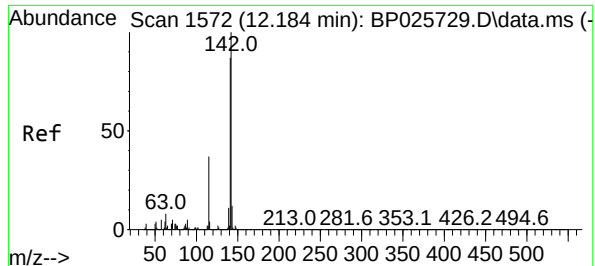
Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.2

142 75.3 63.8 95.6

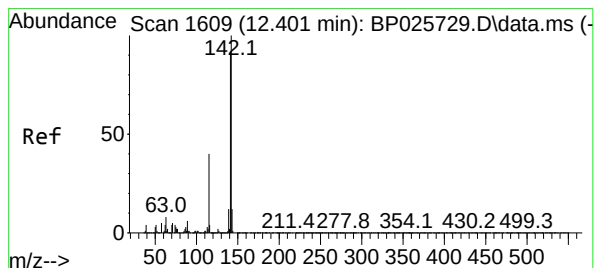
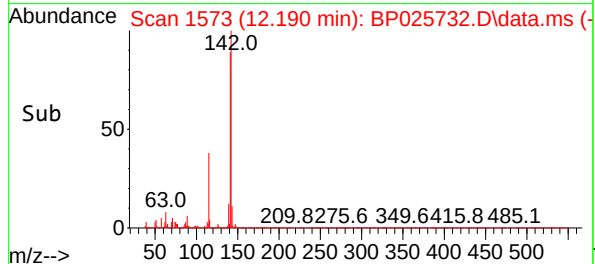
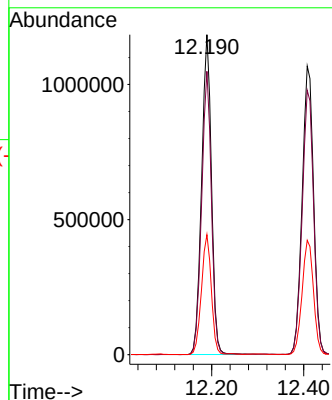
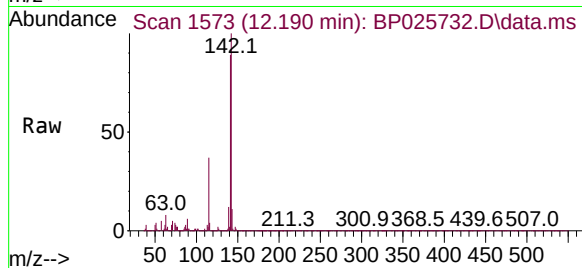




#37
2-Methylnaphthalene
Concen: 76.891 ng
RT: 12.190 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

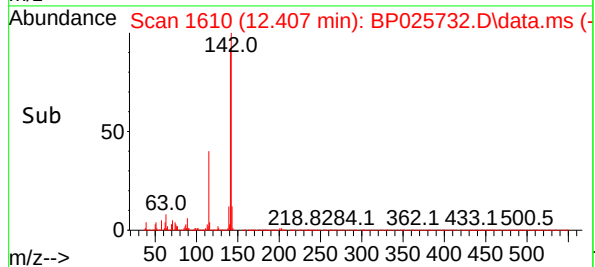
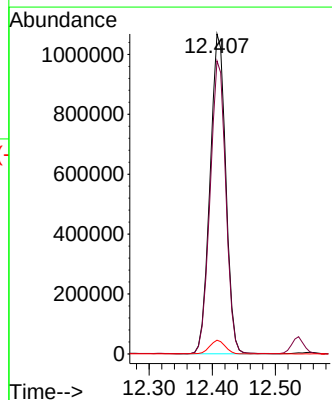
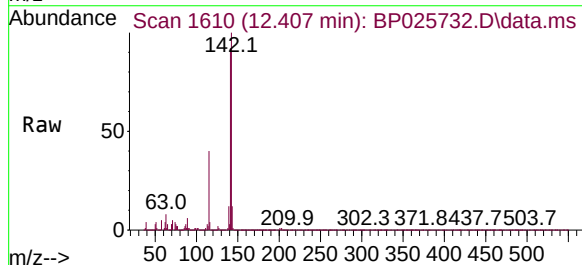
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

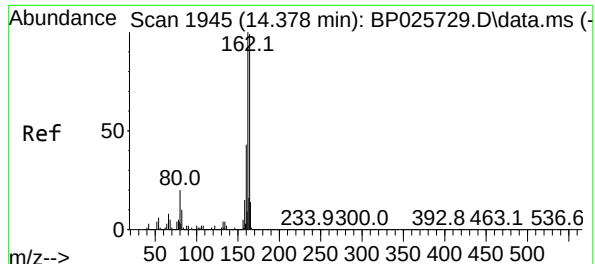
Tgt Ion:142 Resp: 1750889
Ion Ratio Lower Upper
142 100
141 88.5 69.6 104.4
115 37.5 30.0 45.0



#38
1-Methylnaphthalene
Concen: 76.178 ng
RT: 12.407 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:142 Resp: 1849786
Ion Ratio Lower Upper
142 100
141 91.6 72.7 109.1
116 4.3 3.5 5.3

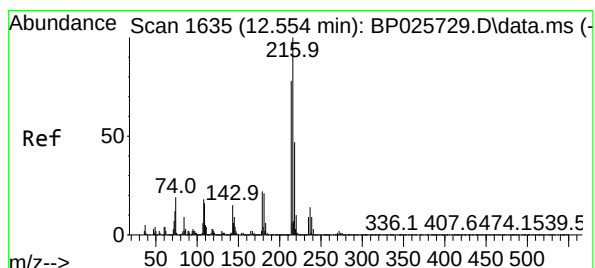
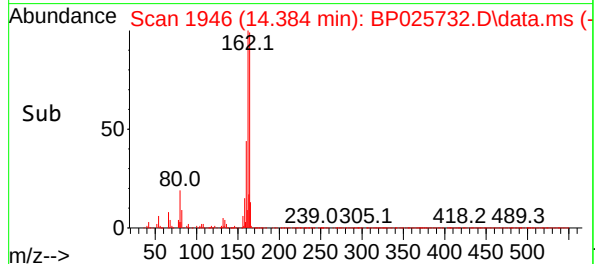
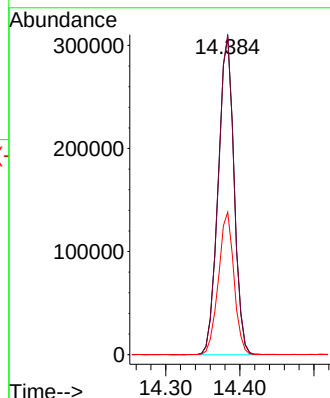
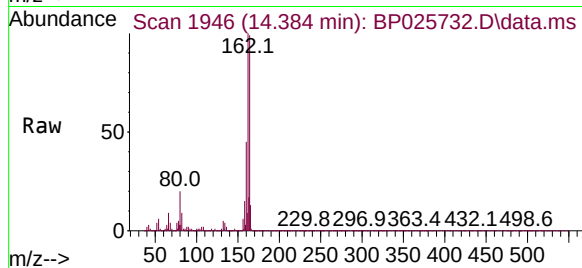




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

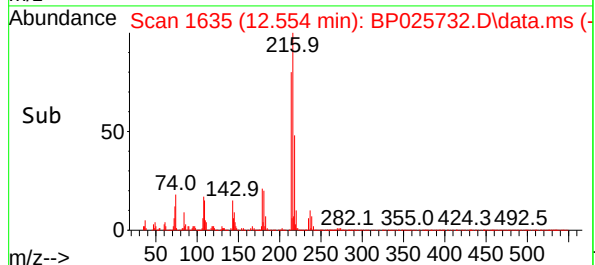
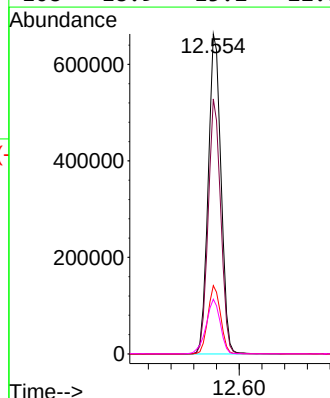
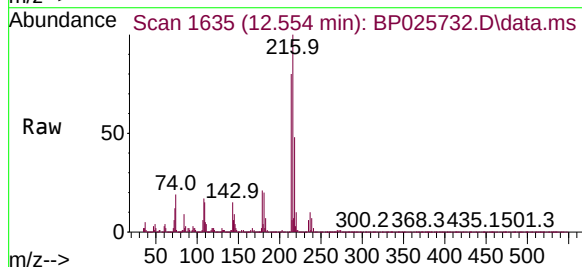
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

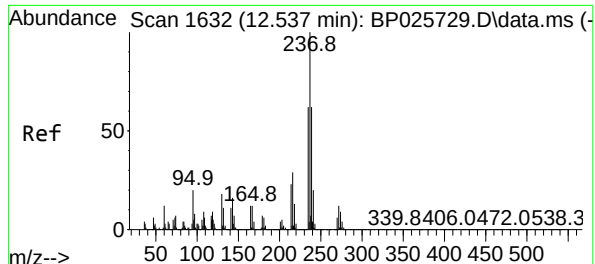
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	44.9	35.0	52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 75.038 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.4	93.6
179	21.1	17.0	25.6
108	18.9	15.2	22.8

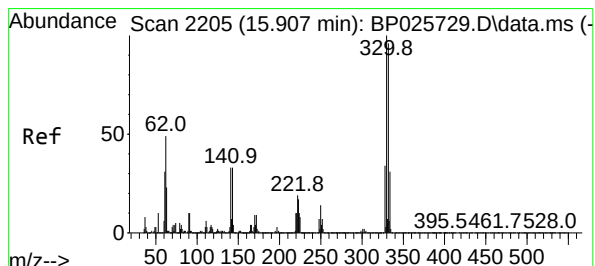
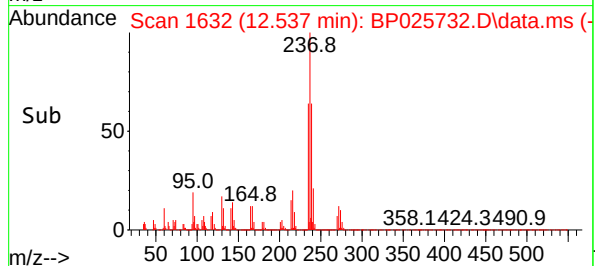
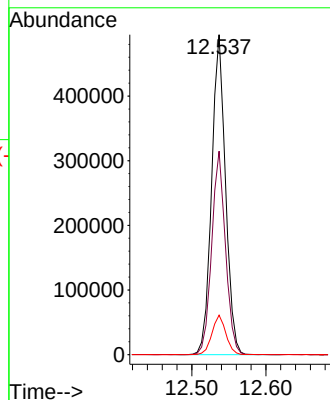
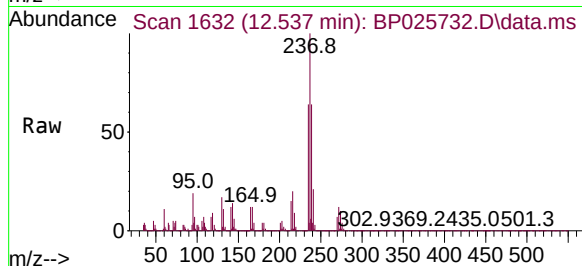




#41
Hexachlorocyclopentadiene
Concen: 84.983 ng
RT: 12.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

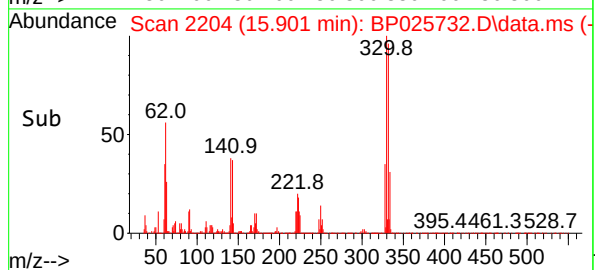
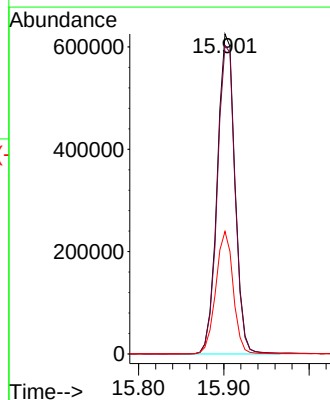
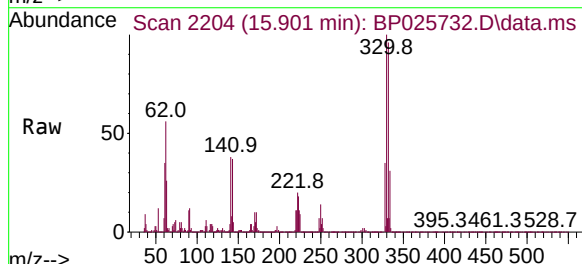
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

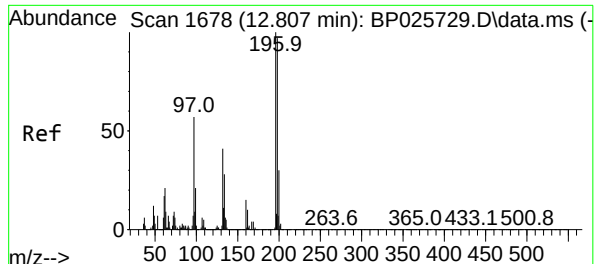
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.6	41.9	81.9
272	12.3	0.0	31.8



#42
2,4,6-Tribromophenol
Concen: 158.067 ng
RT: 15.901 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	37.7	31.0	46.4





#43

2,4,6-Trichlorophenol

Concen: 79.683 ng

RT: 12.807 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

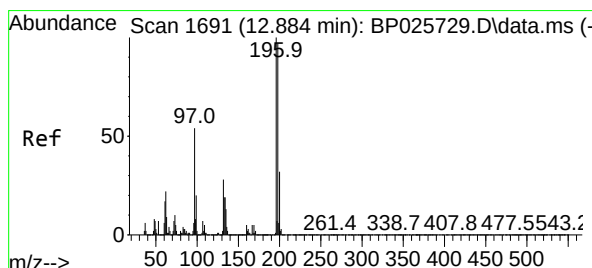
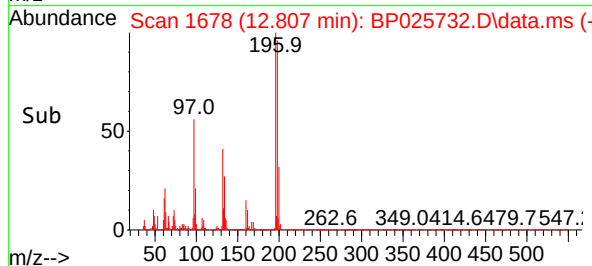
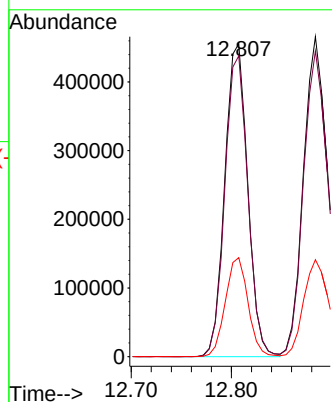
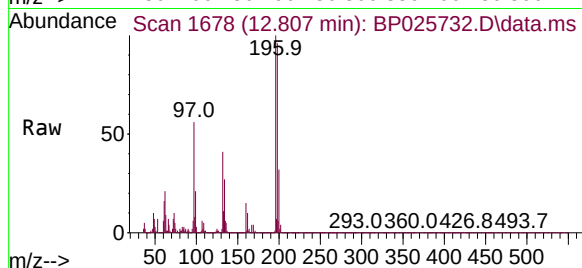
Tgt Ion:196 Resp: 725824

Ion Ratio Lower Upper

196 100

198 96.1 77.2 115.8

200 31.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 79.601 ng

RT: 12.884 min Scan# 1691

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion:196 Resp: 806956

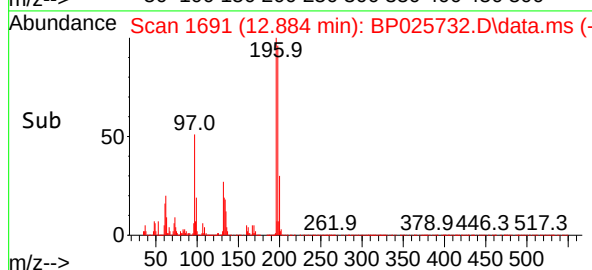
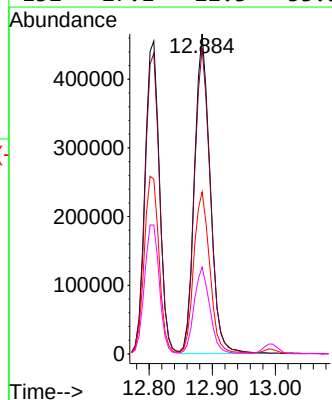
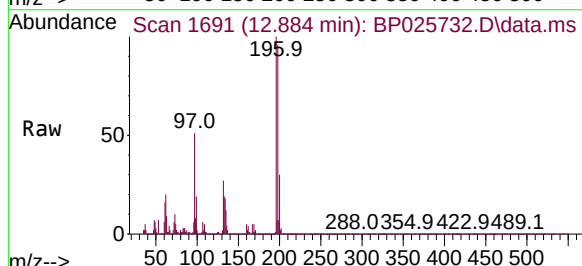
Ion Ratio Lower Upper

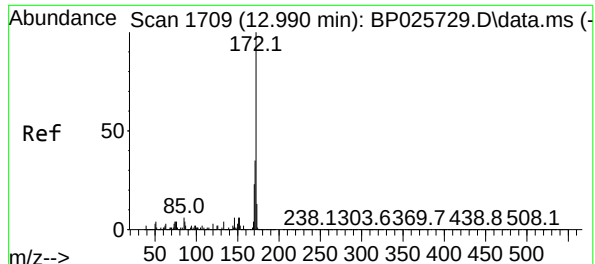
196 100

198 95.5 77.8 116.8

97 50.6 43.3 64.9

132 27.1 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 140.360 ng

RT: 12.996 min Scan# 1710

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

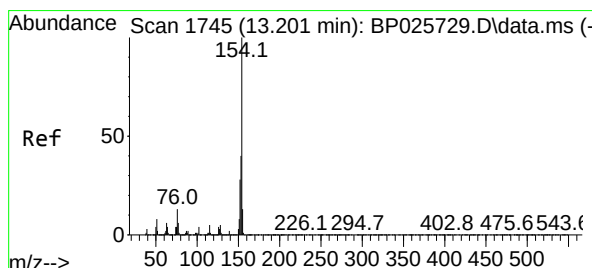
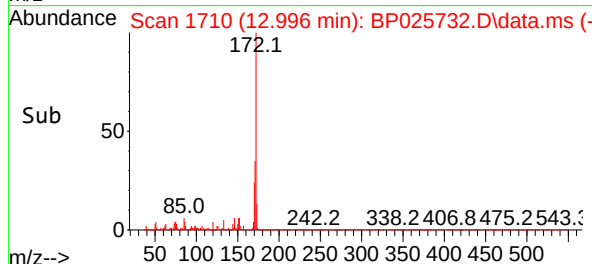
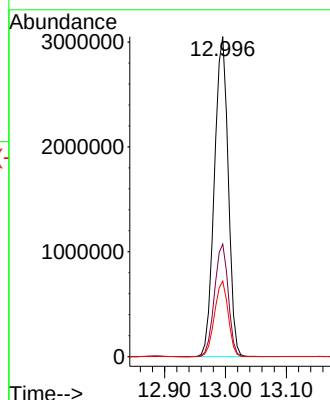
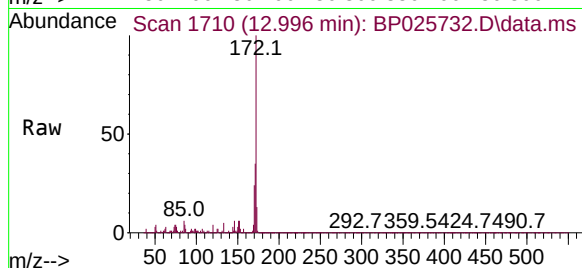
Tgt Ion:172 Resp: 4820104

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.6

170 23.6 18.6 27.8



#46

1,1'-Biphenyl

Concen: 74.426 ng

RT: 13.201 min Scan# 1745

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

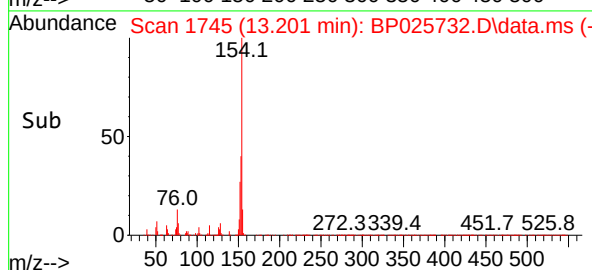
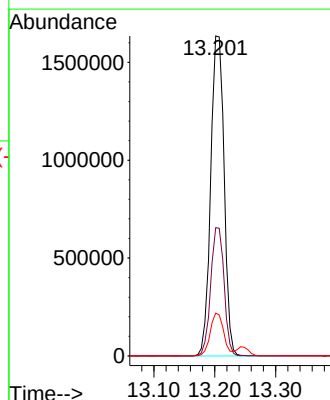
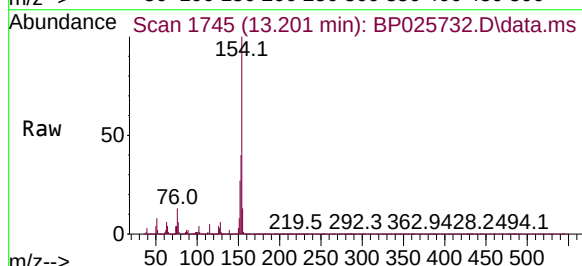
Tgt Ion:154 Resp: 2497929

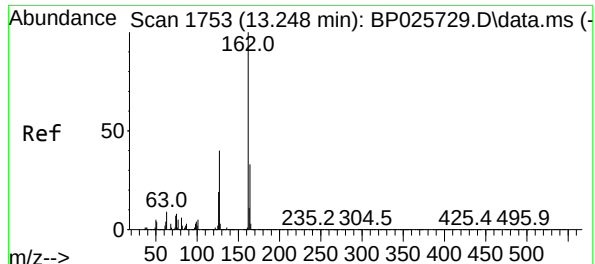
Ion Ratio Lower Upper

154 100

153 40.1 19.7 59.7

76 13.4 0.0 33.3

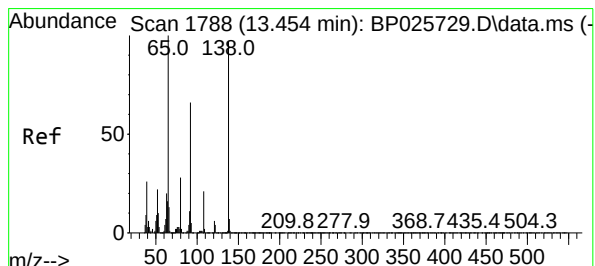
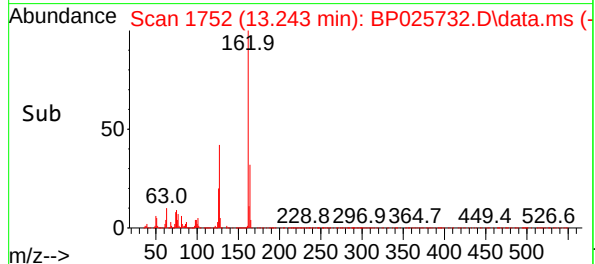
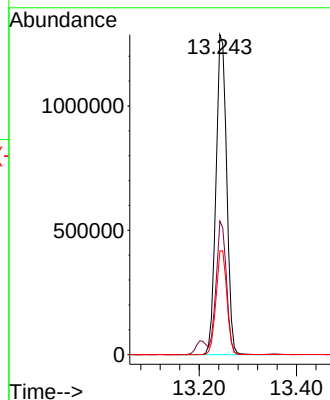
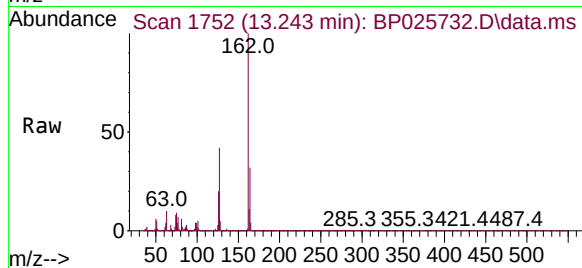




#47
2-Chloronaphthalene
Concen: 74.255 ng
RT: 13.243 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

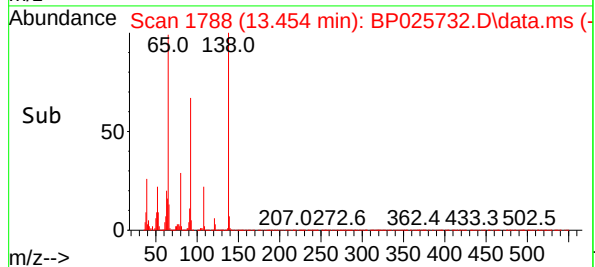
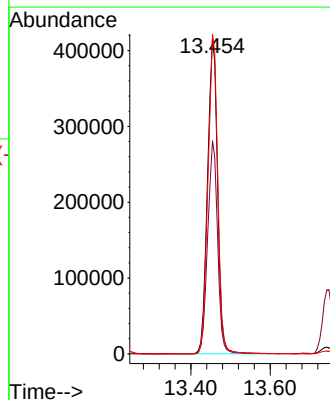
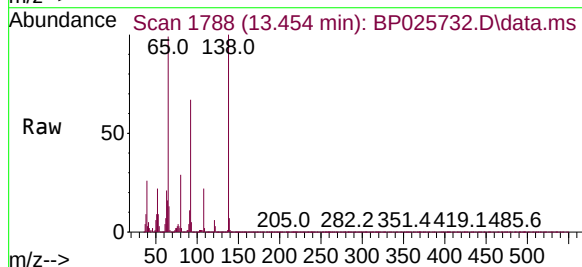
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

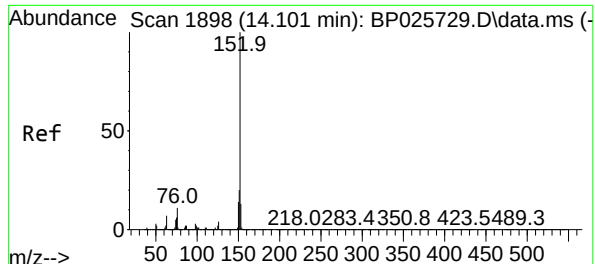
Tgt Ion:162 Resp: 1962349
Ion Ratio Lower Upper
162 100
127 41.7 32.2 48.4
164 32.4 26.5 39.7



#48
2-Nitroaniline
Concen: 83.218 ng
RT: 13.454 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 65 Resp: 733091
Ion Ratio Lower Upper
65 100
92 67.4 53.1 79.7
138 101.1 77.8 116.8





#49

Acenaphthylene

Concen: 75.625 ng

RT: 14.107 min Scan# 1898

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

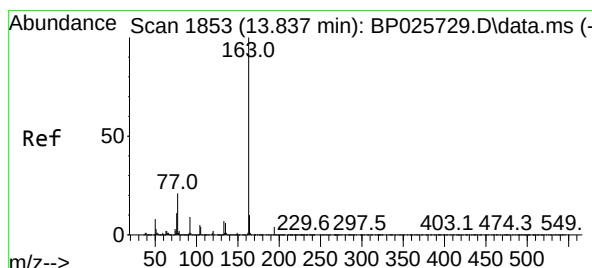
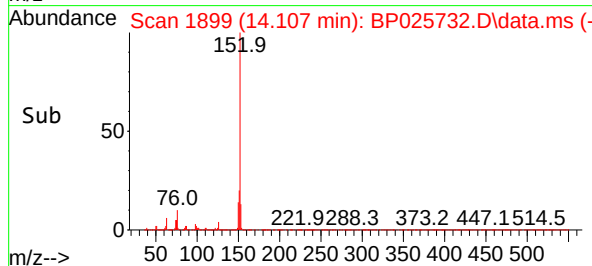
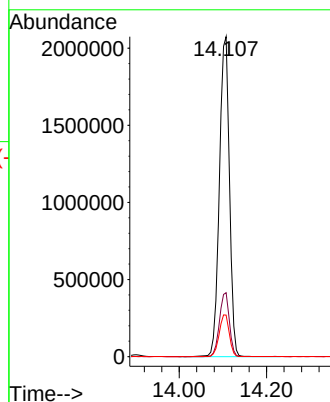
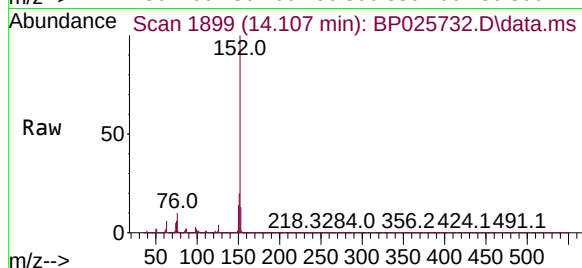
Tgt Ion:152 Resp: 3311359

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 74.909 ng

RT: 13.843 min Scan# 1854

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

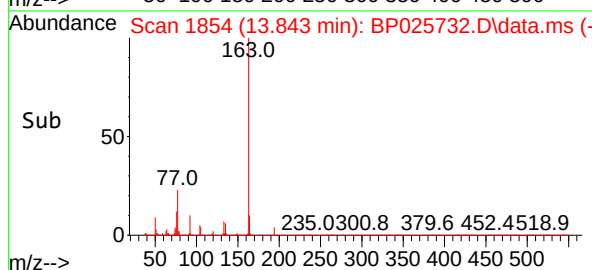
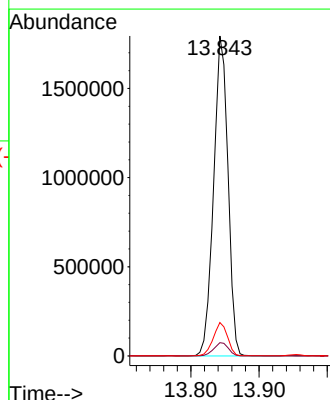
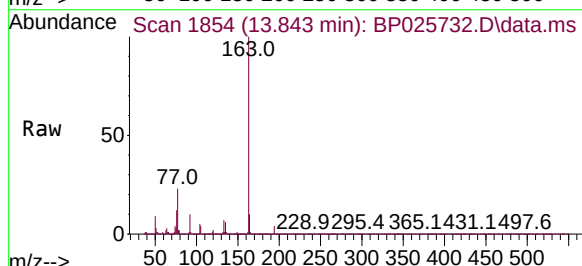
Tgt Ion:163 Resp: 2615037

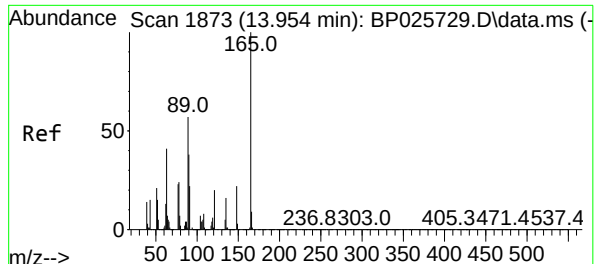
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.4 8.2 12.2

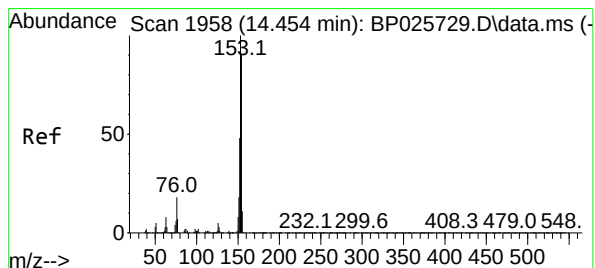
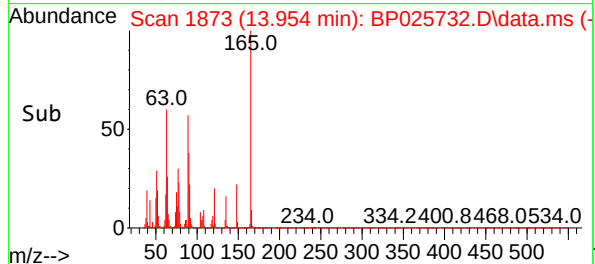
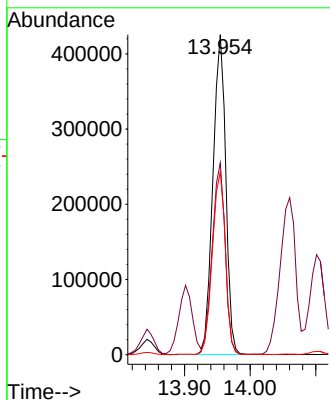
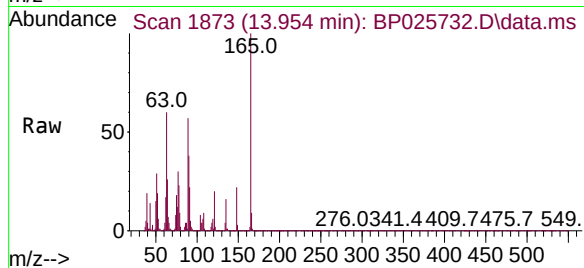




#51
2,6-Dinitrotoluene
Concen: 78.530 ng
RT: 13.954 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

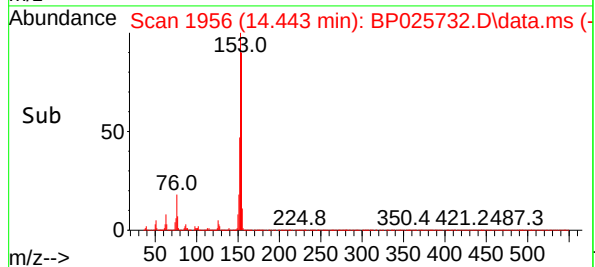
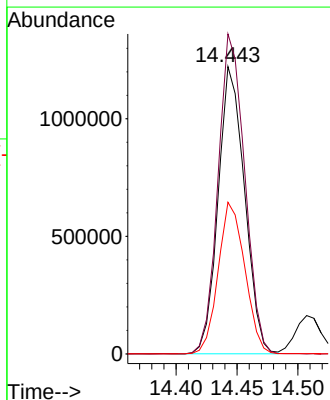
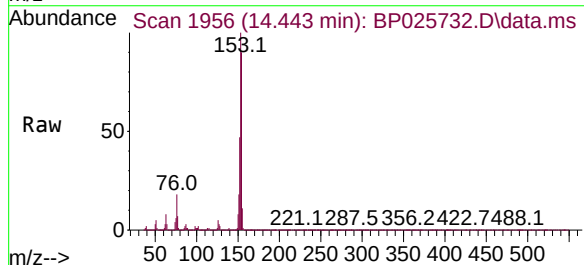
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

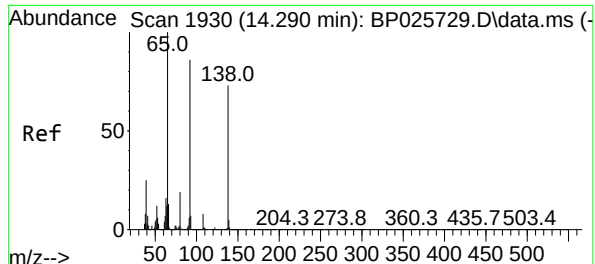
Tgt Ion:	165	Resp:	580821
Ion Ratio	Lower	Upper	
165	100		
63	59.9	48.1	72.1
89	57.1	45.4	68.0



#52
Acenaphthene
Concen: 73.121 ng
RT: 14.443 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:	154	Resp:	1846398
Ion Ratio	Lower	Upper	
154	100		
153	111.4	89.4	134.0
152	52.8	42.5	63.7

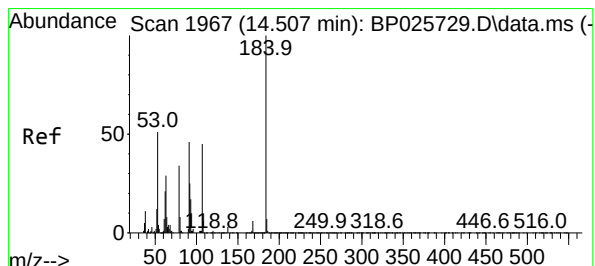
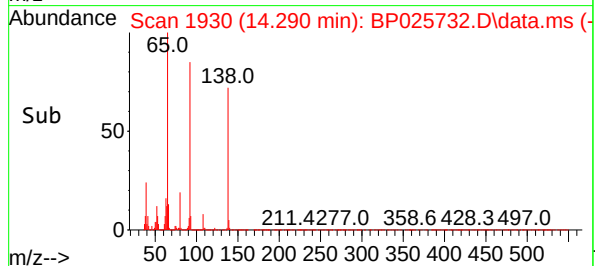
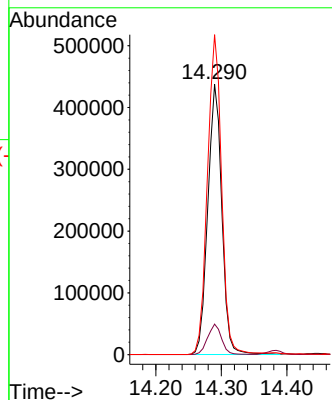
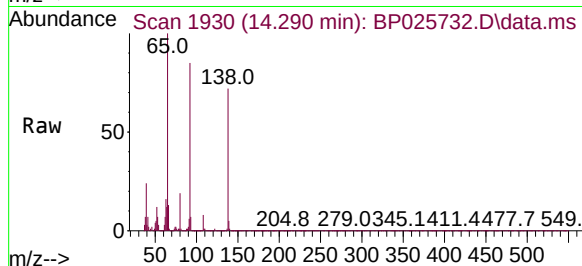




#53
3-Nitroaniline
Concen: 83.474 ng
RT: 14.290 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

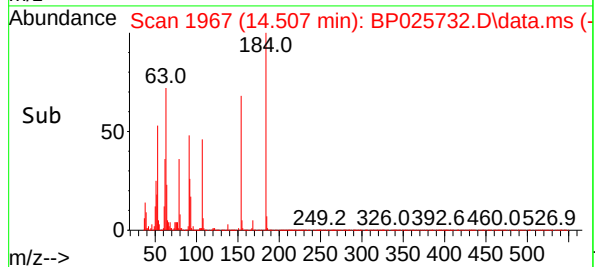
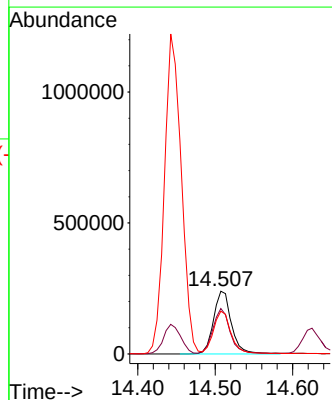
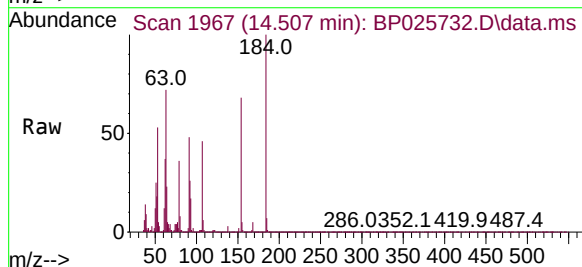
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

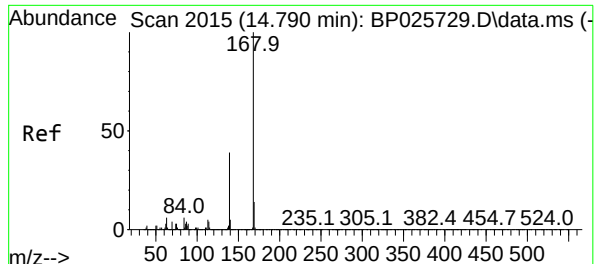
Tgt Ion:138 Resp: 649230
Ion Ratio Lower Upper
138 100
108 11.3 8.7 13.1
92 118.4 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 79.506 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:184 Resp: 382175
Ion Ratio Lower Upper
184 100
63 72.4 52.5 78.7
154 68.1 51.5 77.3





#55

Dibenzofuran

Concen: 72.882 ng

RT: 14.790 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

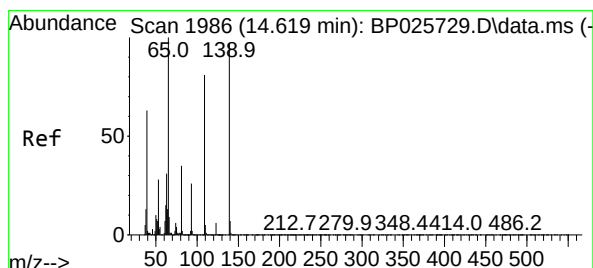
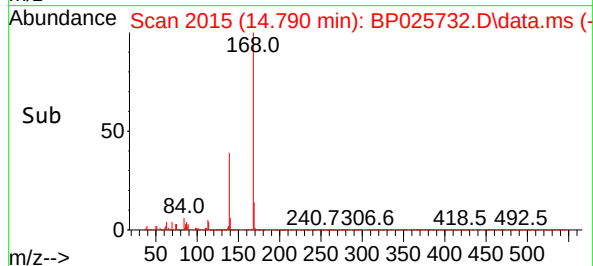
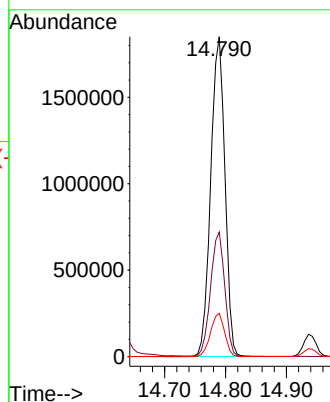
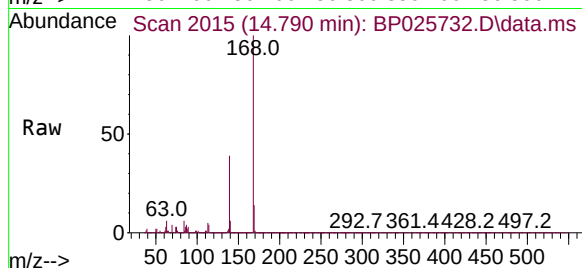
Tgt Ion:168 Resp: 2999483

Ion Ratio Lower Upper

168 100

139 39.0 31.7 47.5

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 78.823 ng

RT: 14.625 min Scan# 1987

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

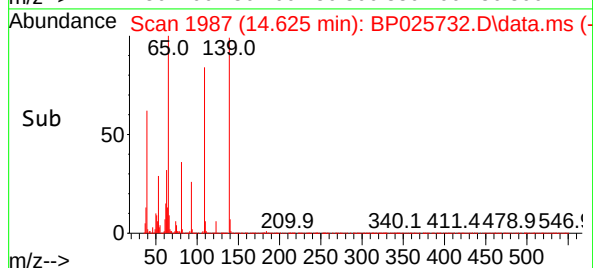
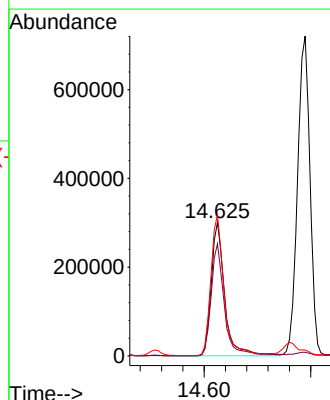
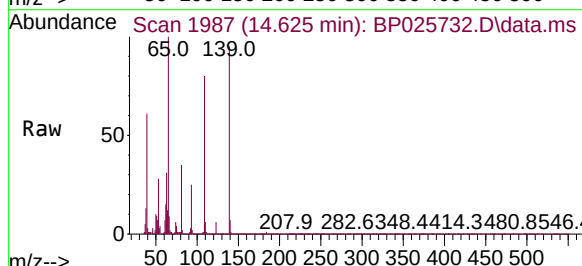
Tgt Ion:139 Resp: 527475

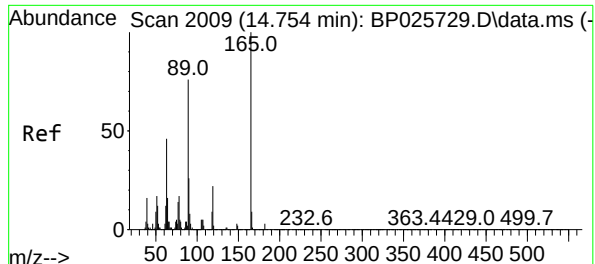
Ion Ratio Lower Upper

139 100

109 84.0 62.9 102.9

65 105.6 83.4 123.4

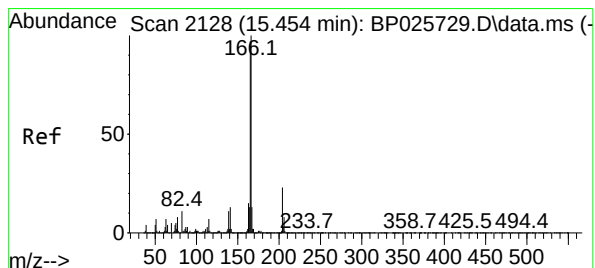
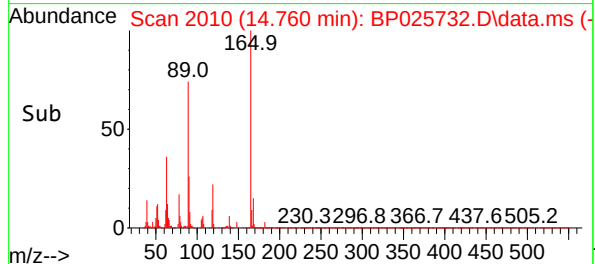
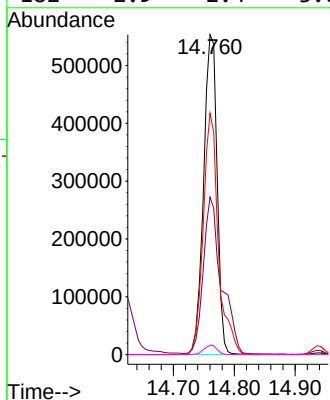
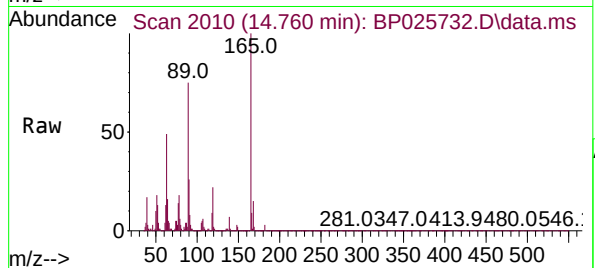




#57
2,4-Dinitrotoluene
Concen: 81.062 ng
RT: 14.760 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

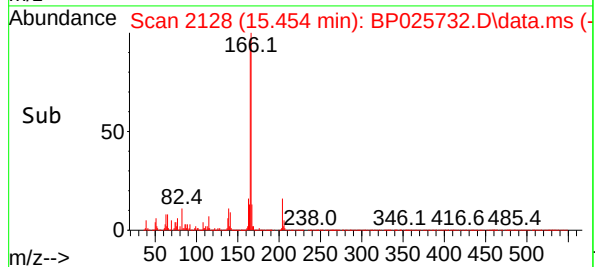
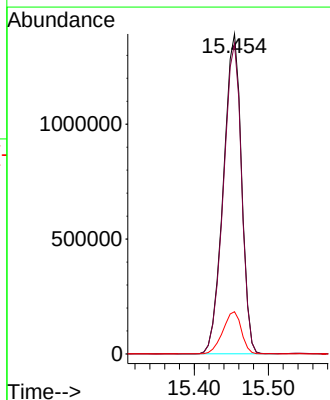
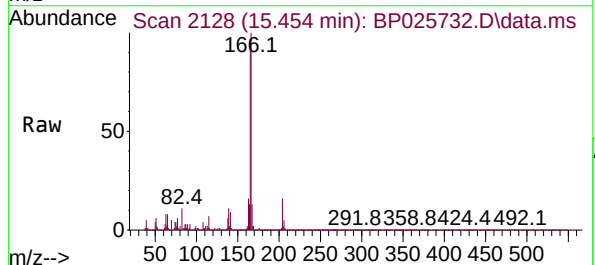
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

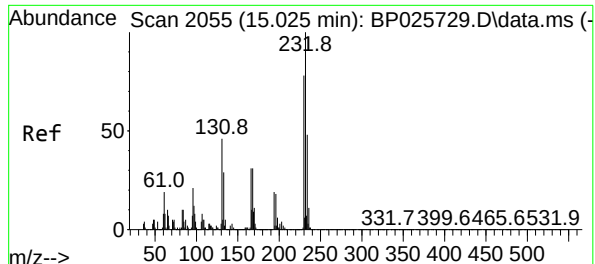
Tgt Ion:165 Resp: 853243
Ion Ratio Lower Upper
165 100
63 49.2 37.7 56.5
89 75.4 61.0 91.6
182 2.9 2.4 3.6



#58
Fluorene
Concen: 72.225 ng
RT: 15.454 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:166 Resp: 2363617
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 13.2 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 79.155 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 722846

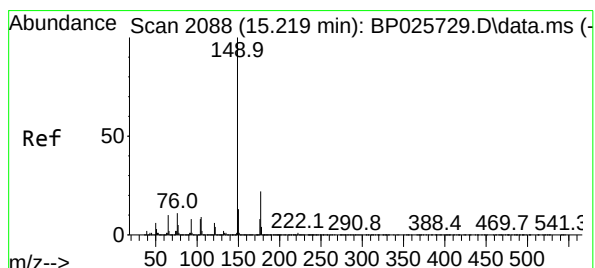
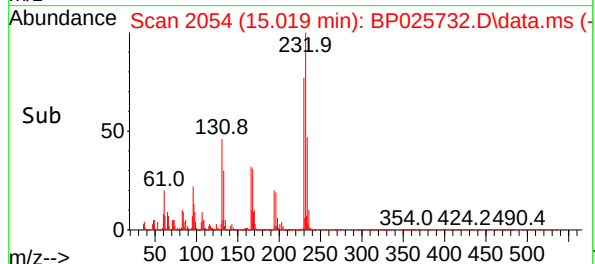
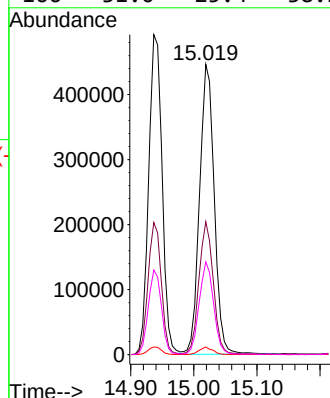
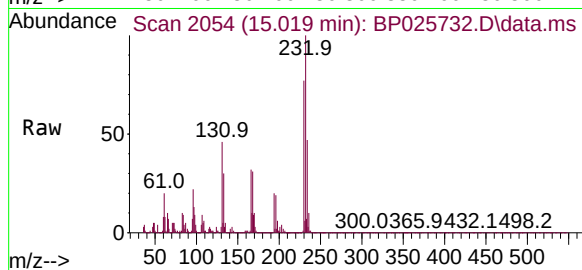
Ion Ratio Lower Upper

232 100

131 44.8 36.7 55.1

130 2.4 2.0 3.0

166 31.0 25.4 38.2



#60

Diethylphthalate

Concen: 75.646 ng

RT: 15.225 min Scan# 2089

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

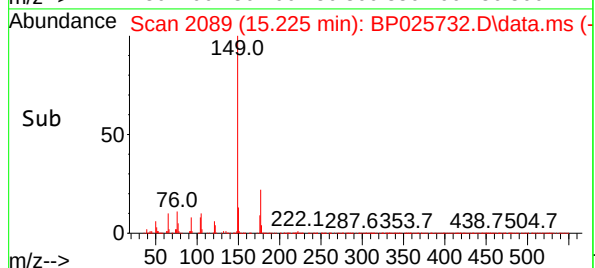
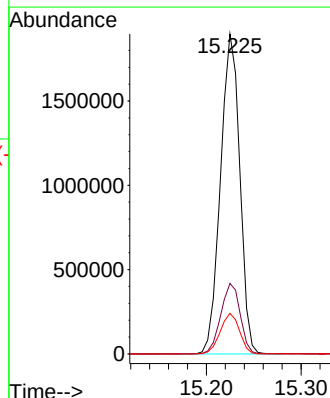
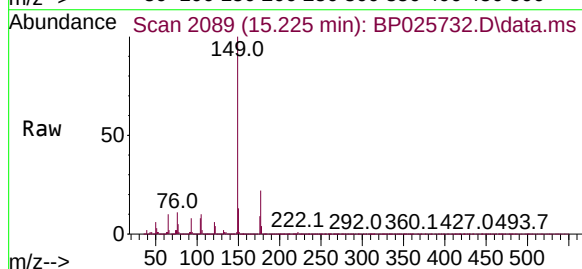
Tgt Ion:149 Resp: 2678679

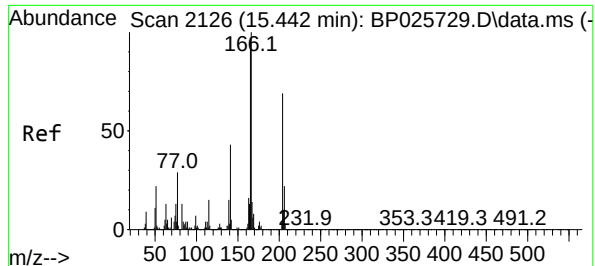
Ion Ratio Lower Upper

149 100

177 22.0 17.7 26.5

150 12.7 10.0 15.0

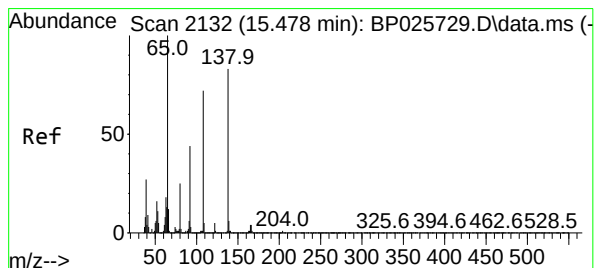
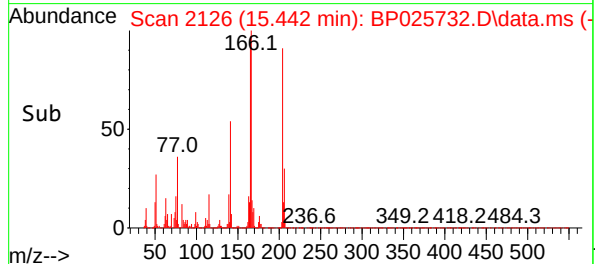
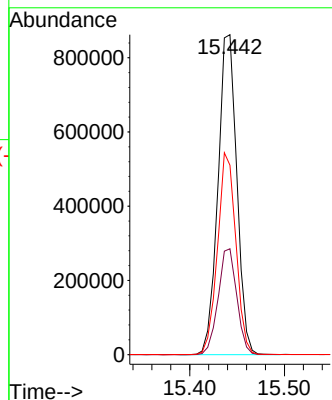
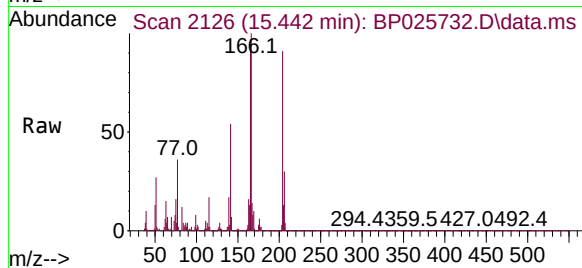




#61
4-Chlorophenyl-phenylether
Concen: 72.181 ng
RT: 15.442 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

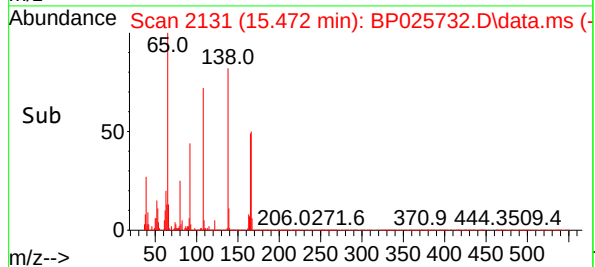
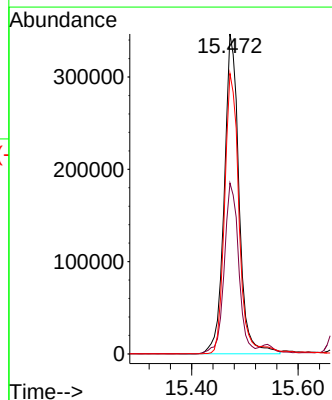
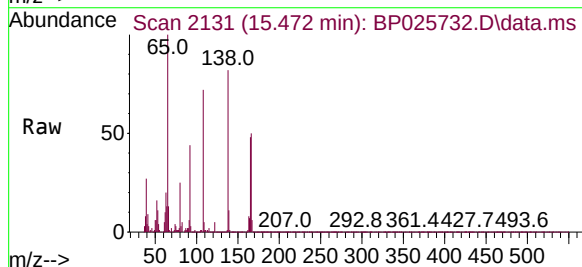
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

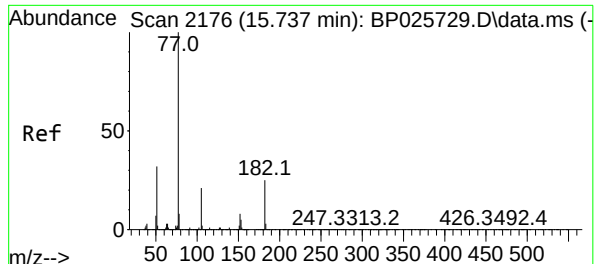
Tgt Ion:204 Resp: 1190470
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 59.2 49.7 74.5



#62
4-Nitroaniline
Concen: 83.790 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:138 Resp: 667122
Ion Ratio Lower Upper
138 100
92 53.4 33.3 73.3
108 87.6 66.7 106.7

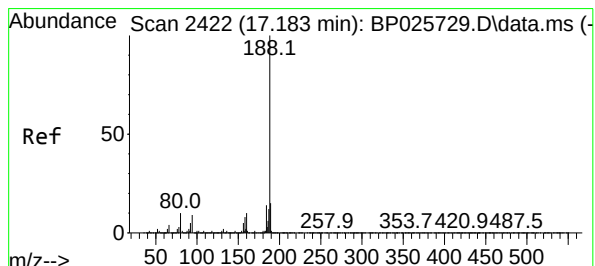
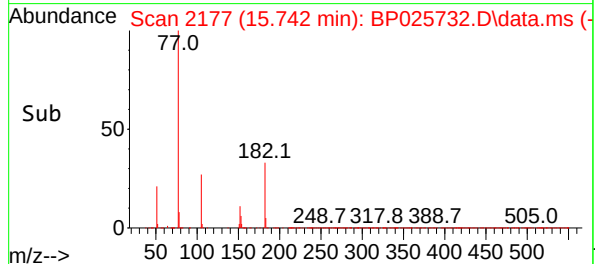
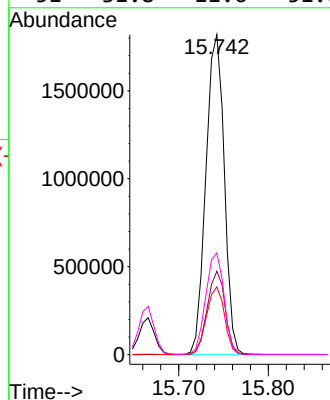
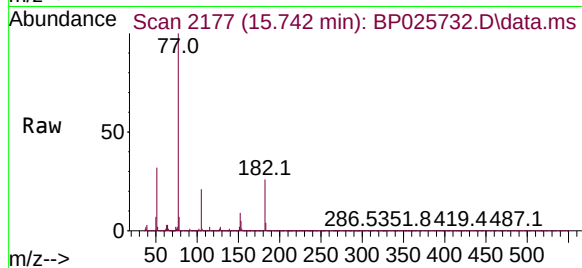




#63
Azobenzene
Concen: 75.299 ng
RT: 15.742 min Scan# 2176
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

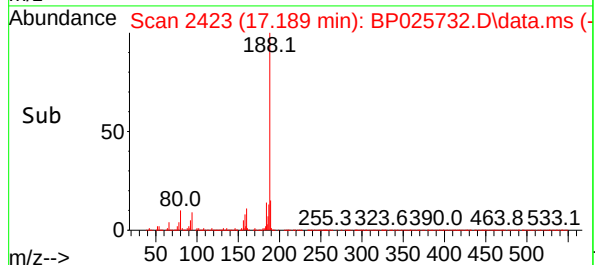
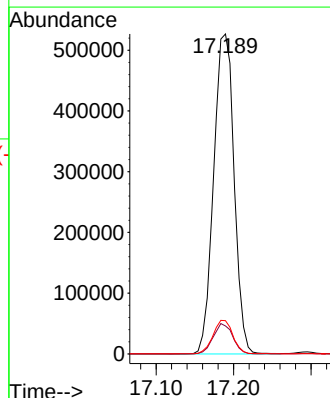
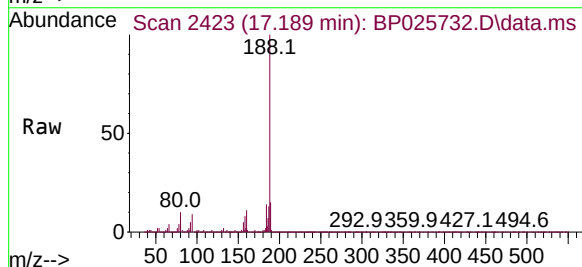
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

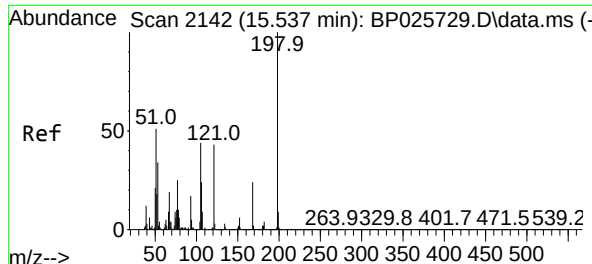
Tgt Ion: 77 Resp: 2578205
Ion Ratio Lower Upper
77 100
182 26.0 5.2 45.2
105 21.2 1.1 41.1
51 31.8 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion: 188 Resp: 963896
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.0
80 10.4 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 83.783 ng

RT: 15.542 min Scan# 2143

Delta R.T. 0.006 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

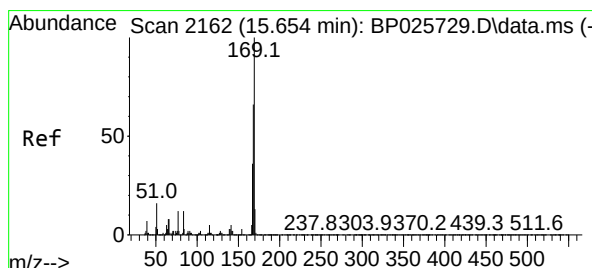
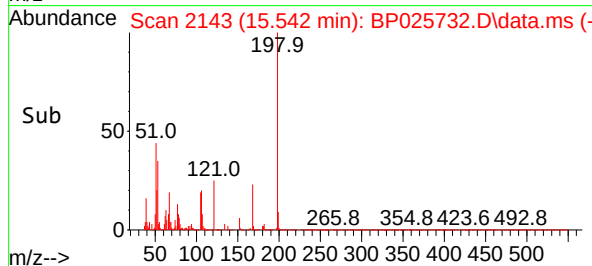
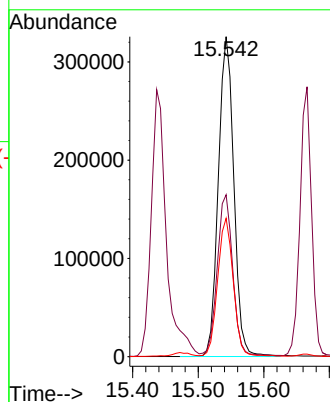
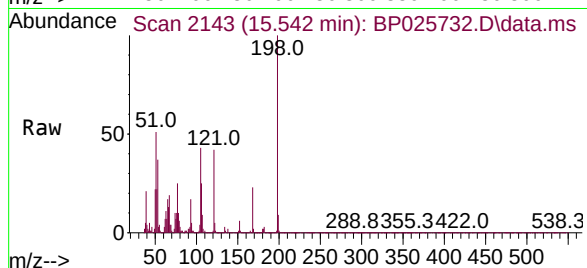
Tgt Ion:198 Resp: 537070

Ion Ratio Lower Upper

198 100

51 50.6 33.4 73.4

105 43.2 24.3 64.3



#66

n-Nitrosodiphenylamine

Concen: 71.530 ng

RT: 15.666 min Scan# 2164

Delta R.T. 0.012 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

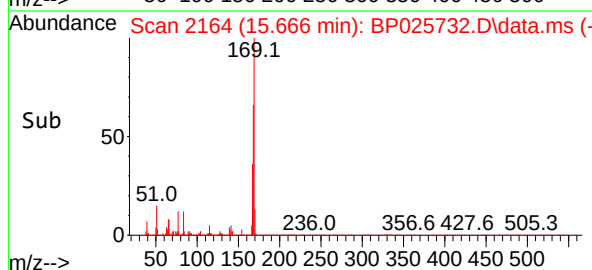
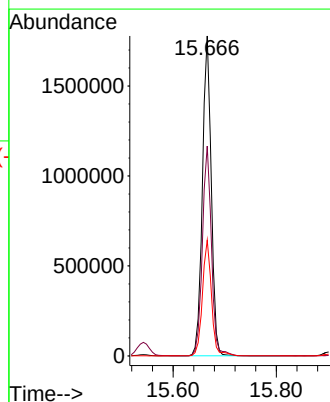
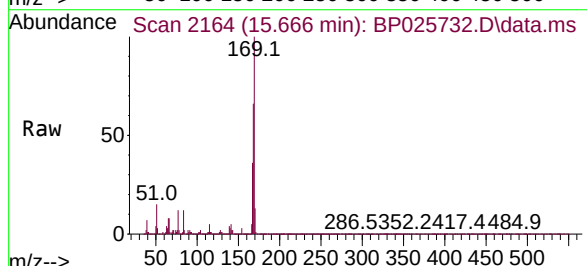
Tgt Ion:169 Resp: 2109969

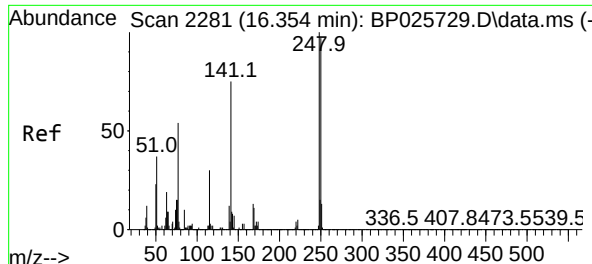
Ion Ratio Lower Upper

169 100

168 65.6 52.6 78.8

167 36.2 28.5 42.7

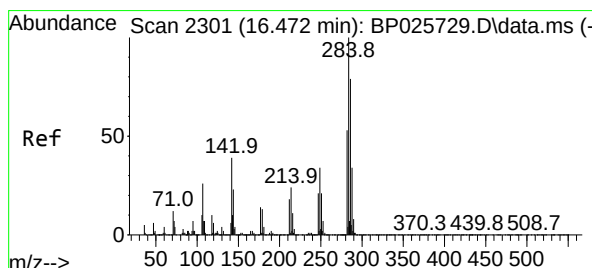
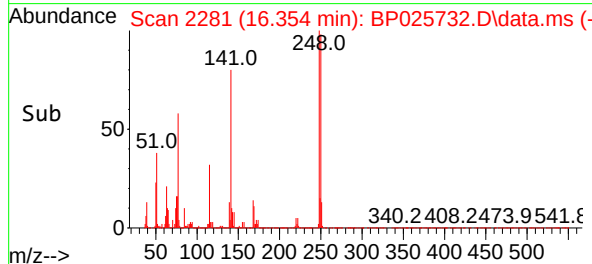
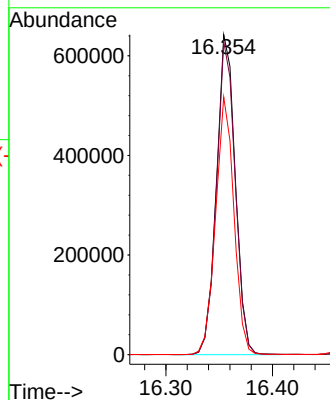
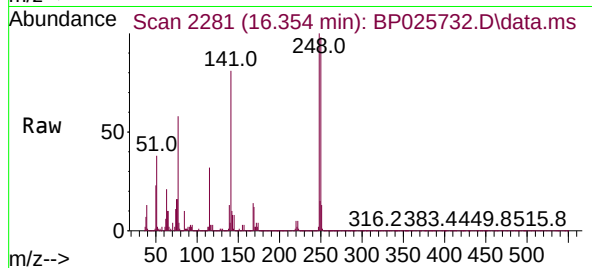




#67
4-Bromophenyl-phenylether
Concen: 74.816 ng
RT: 16.354 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

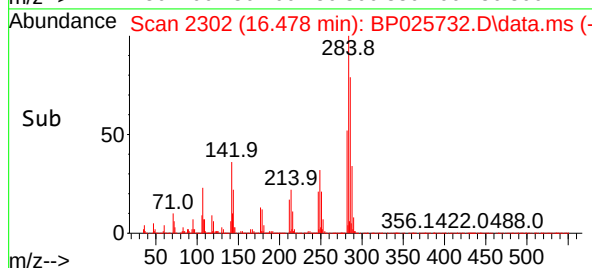
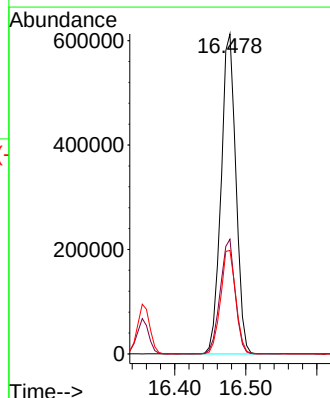
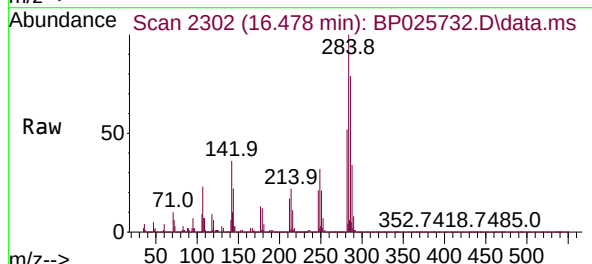
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

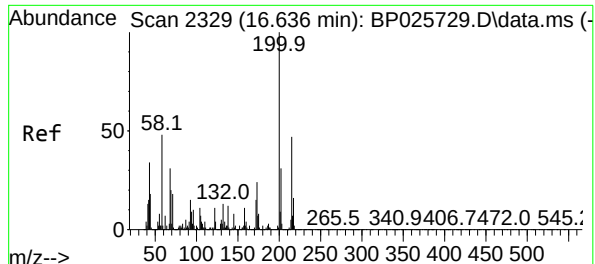
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.5	116.3
141	80.5	60.2	90.4



#68
Hexachlorobenzene
Concen: 75.546 ng
RT: 16.478 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	31.3	46.9
249	32.3	27.3	40.9

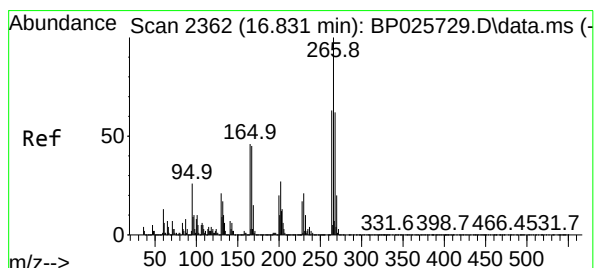
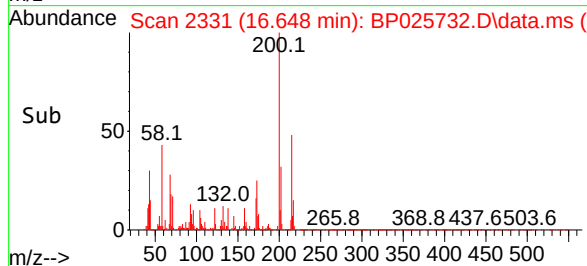
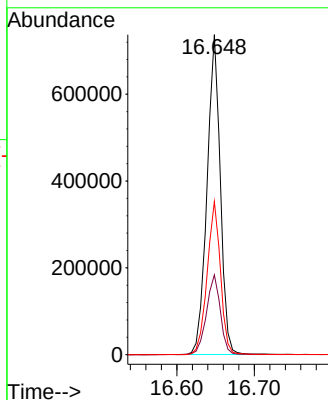
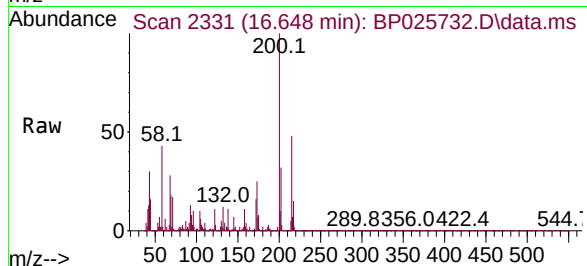




#69
Atrazine
Concen: 77.763 ng
RT: 16.648 min Scan# 2331
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

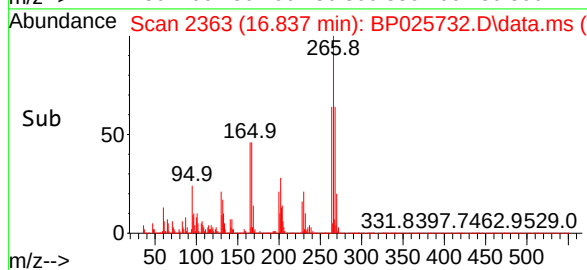
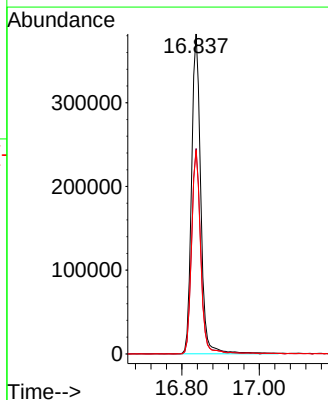
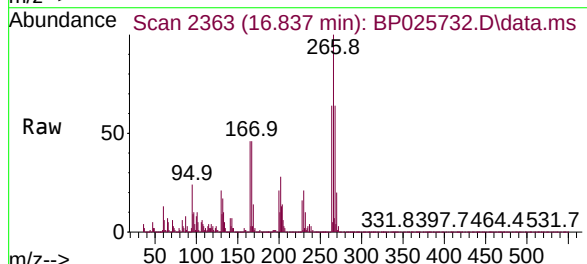
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

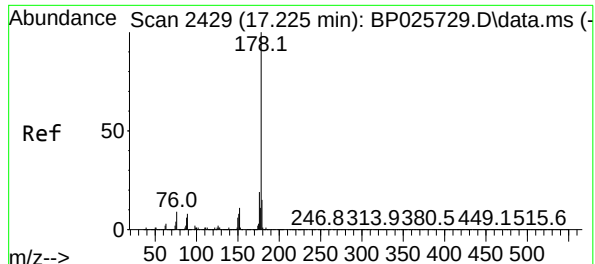
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.9	4.2	44.2
215	47.8	27.3	67.3



#70
Pentachlorophenol
Concen: 80.808 ng
RT: 16.837 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.8	74.8
264	63.6	50.2	75.2

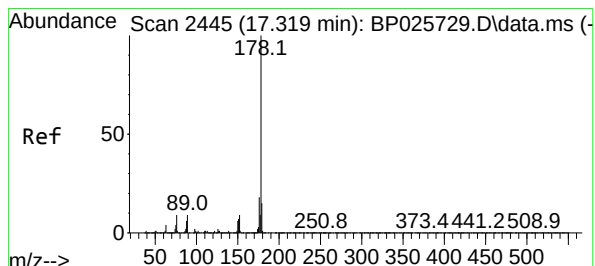
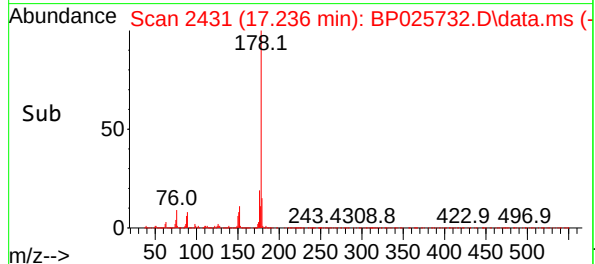
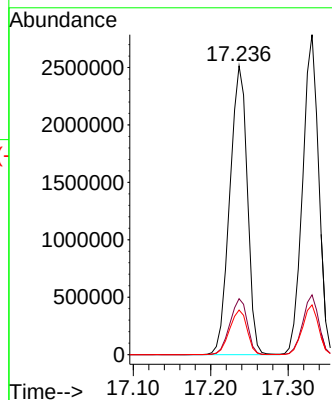
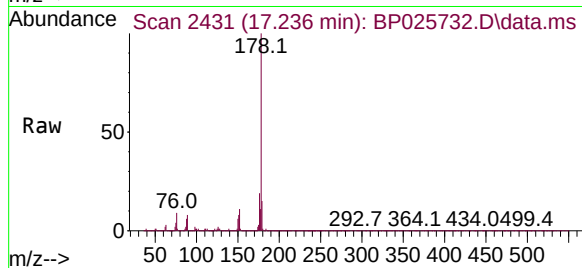




#71
Phenanthrene
Concen: 72.431 ng
RT: 17.236 min Scan# 2429
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

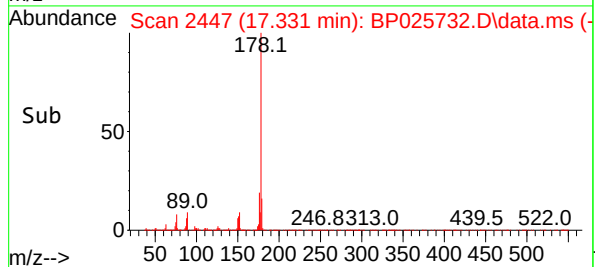
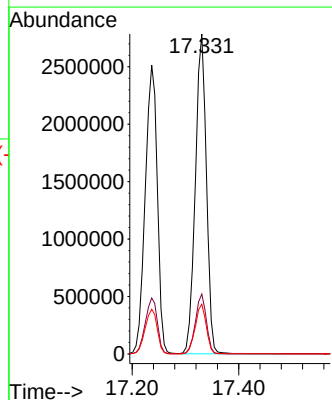
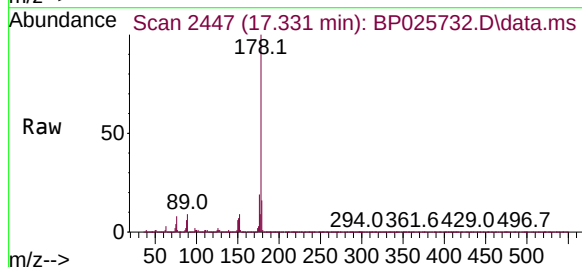
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

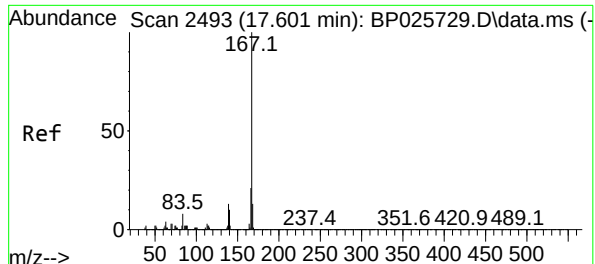
Tgt Ion:178 Resp: 3960390
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 72.588 ng
RT: 17.331 min Scan# 2447
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:178 Resp: 4027019
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.2 18.4

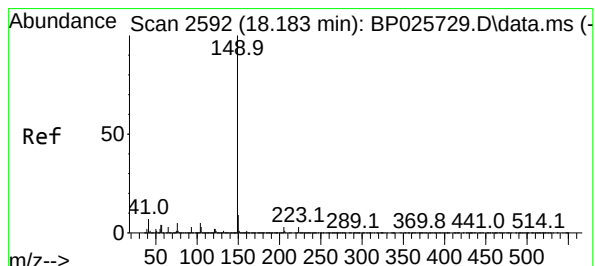
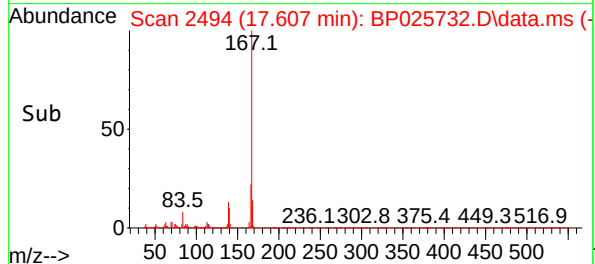
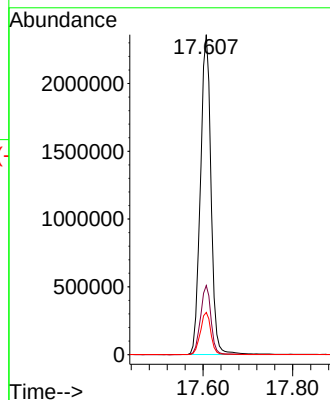
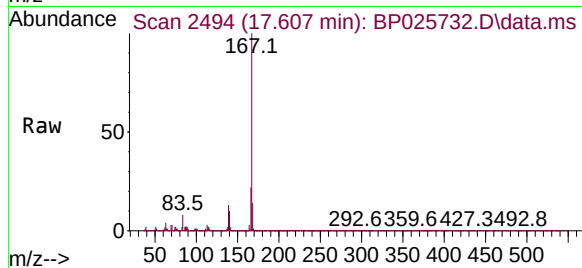




#73
Carbazole
Concen: 74.694 ng
RT: 17.607 min Scan# 2493
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

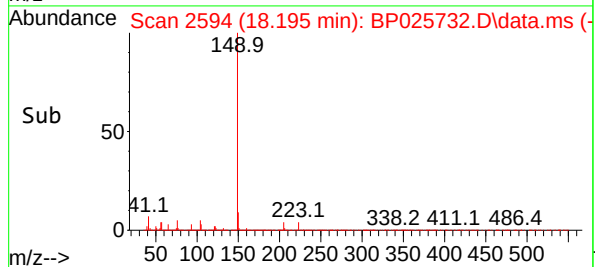
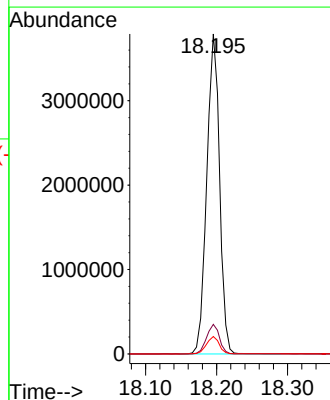
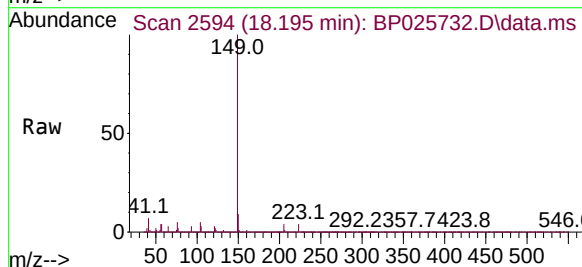
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

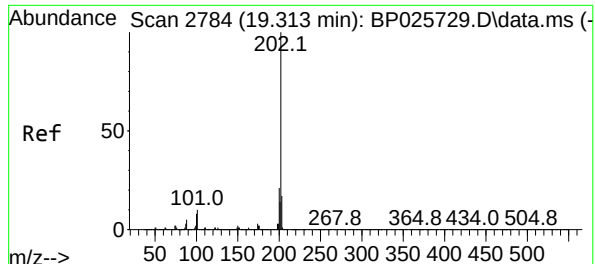
Tgt Ion:167 Resp: 3852545
Ion Ratio Lower Upper
167 100
166 21.6 17.0 25.4
139 13.2 10.6 16.0



#74
Di-n-butylphthalate
Concen: 74.340 ng
RT: 18.195 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 4705330
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.4 4.3 6.5

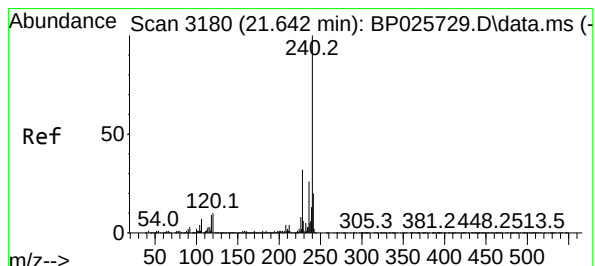
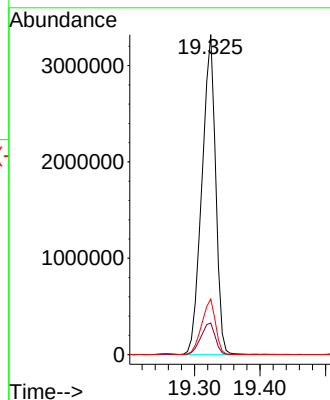
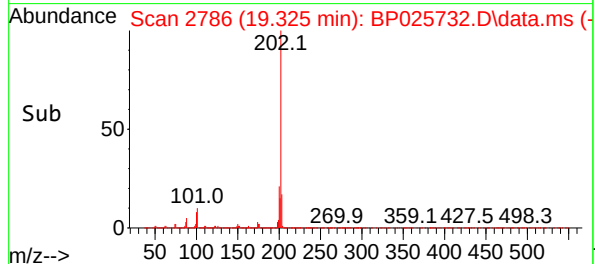
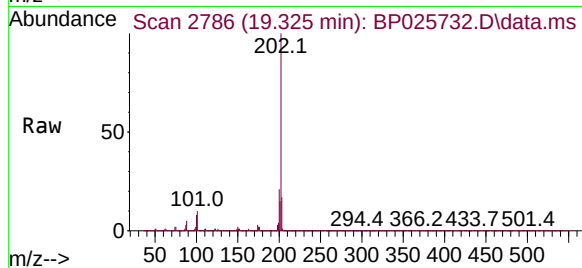




#75
Fluoranthene
Concen: 72.998 ng
RT: 19.325 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

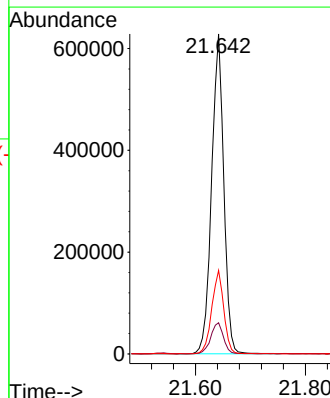
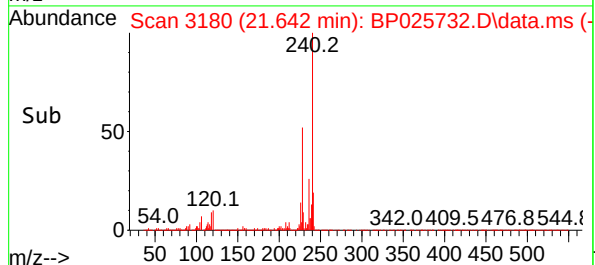
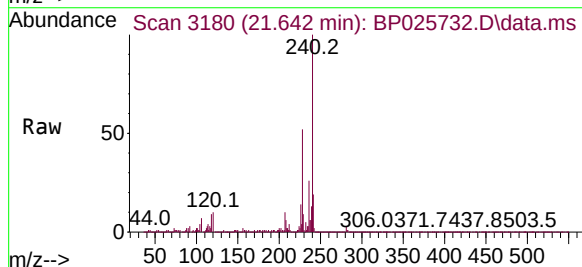
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

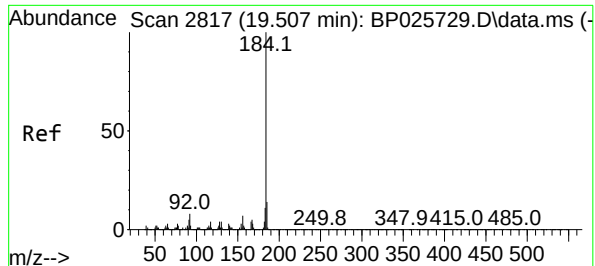
Tgt Ion:202 Resp: 4786922
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.4
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:240 Resp: 964091
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 26.1 20.7 31.1

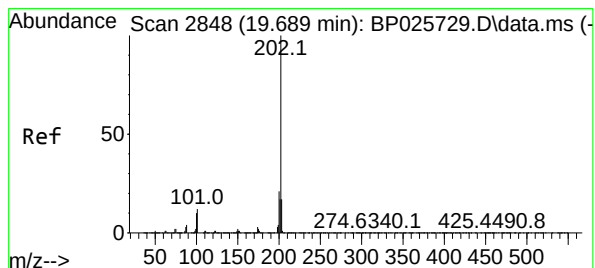
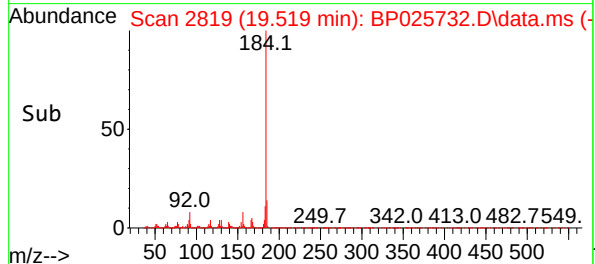
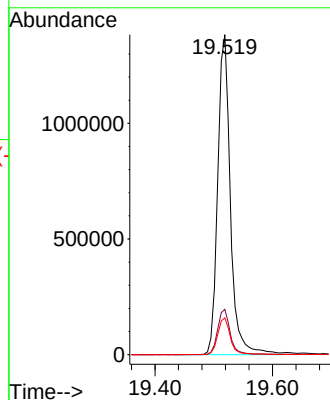
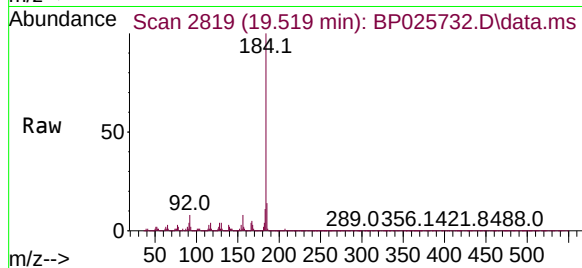




#77
Benzidine
Concen: 74.384 ng
RT: 19.519 min Scan# 2819
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

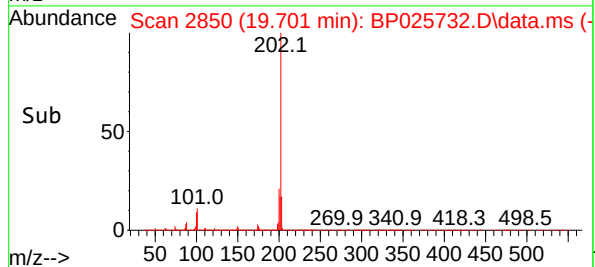
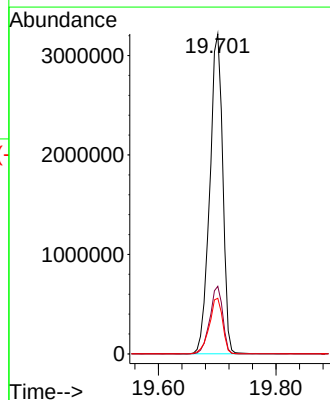
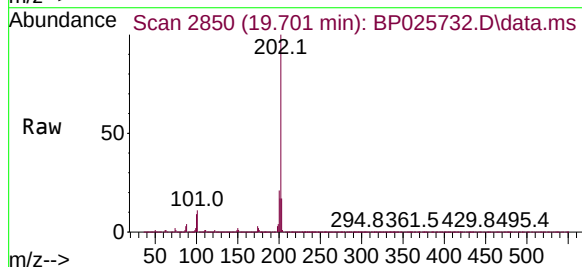
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

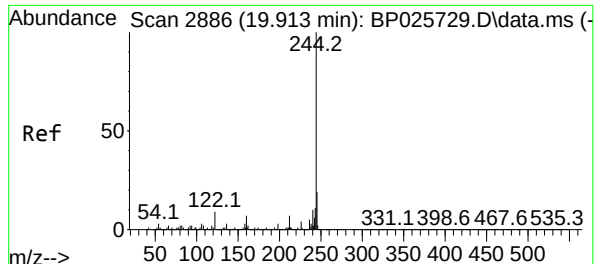
Tgt Ion:184 Resp: 2065703
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.5 9.2 13.8



#78
Pyrene
Concen: 76.353 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:202 Resp: 4911699
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.4 13.9 20.9

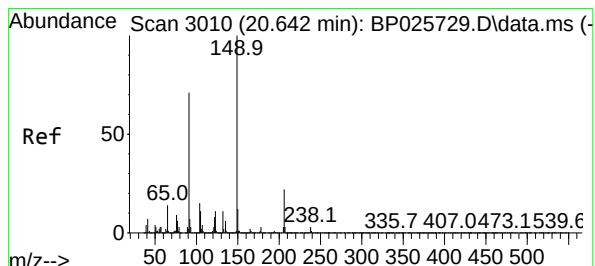
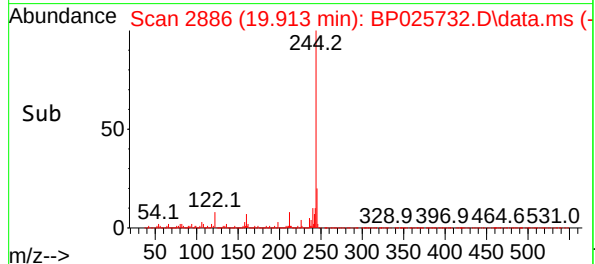
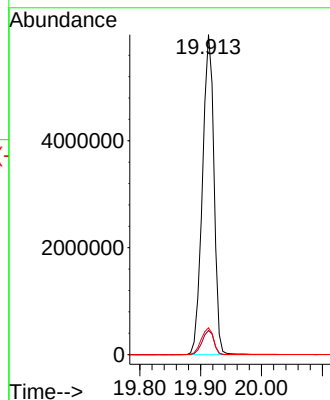
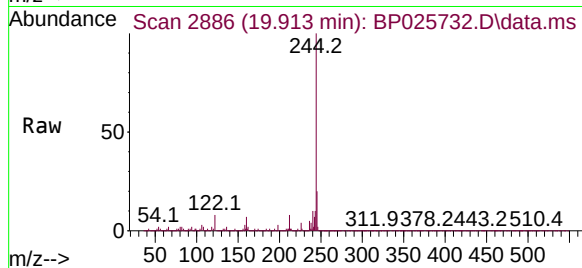




#79
Terphenyl-d14
Concen: 146.328 ng
RT: 19.913 min Scan# 2886
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

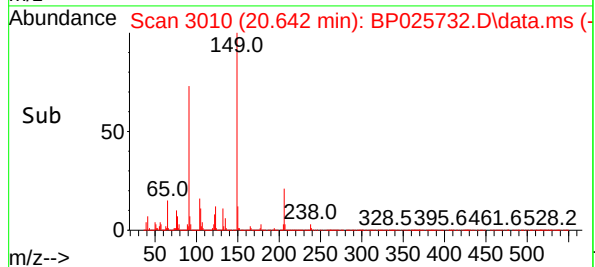
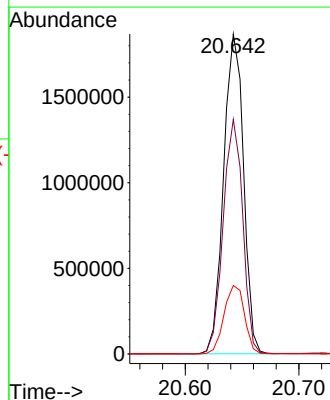
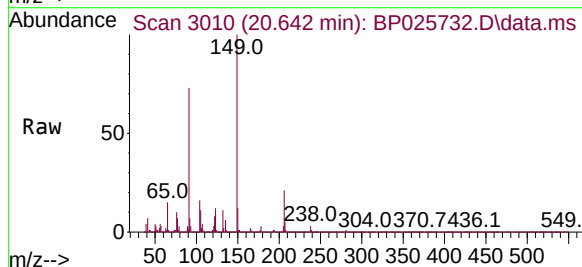
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

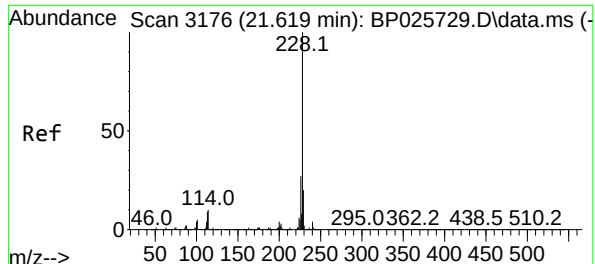
Tgt Ion:244 Resp: 7841805
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 8.4 7.1 10.7



#80
Butylbenzylphthalate
Concen: 80.443 ng
RT: 20.642 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 2268963
Ion Ratio Lower Upper
149 100
91 73.3 56.6 85.0
206 21.4 17.4 26.0

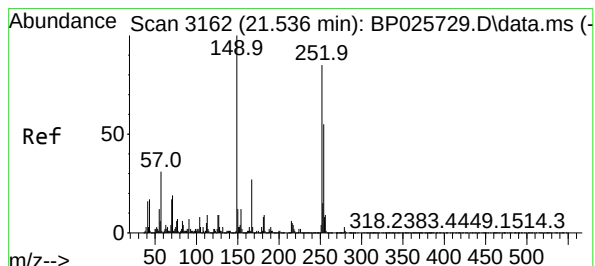
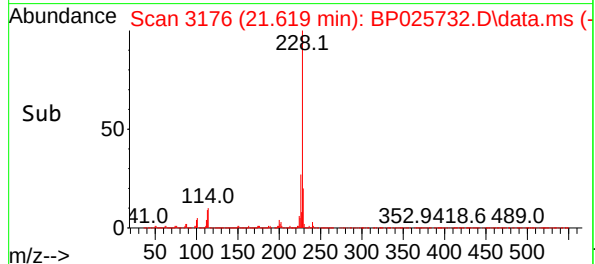
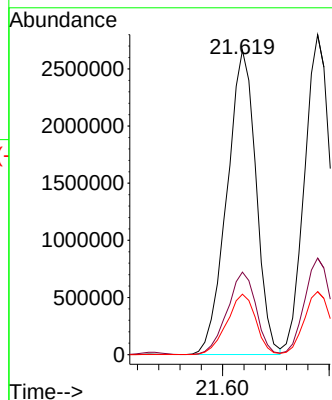
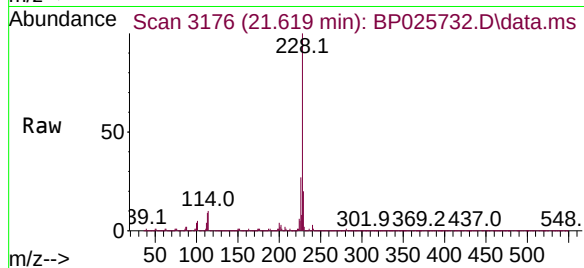




#81
Benzo(a)anthracene
Concen: 76.229 ng
RT: 21.619 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

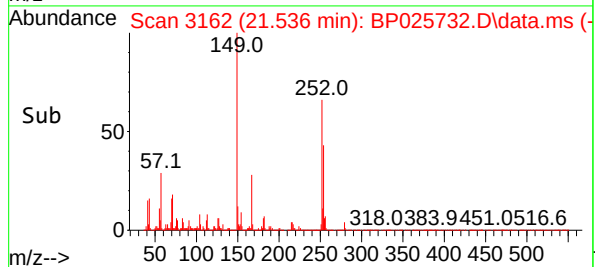
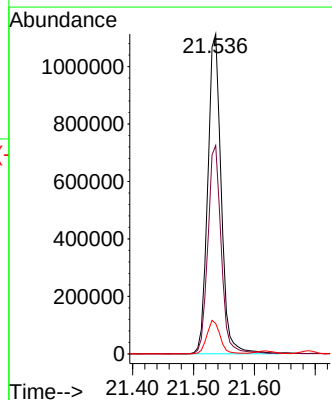
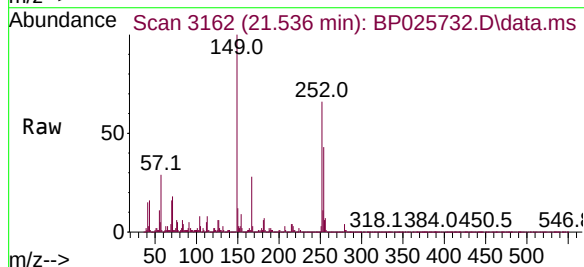
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

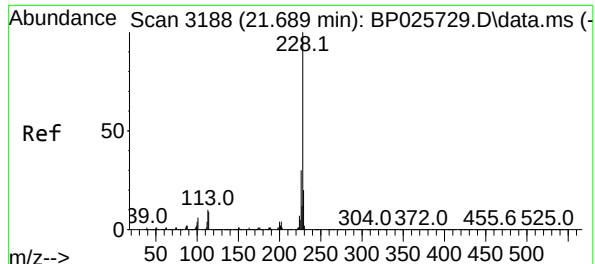
Tgt Ion:228 Resp: 5031313
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 74.725 ng
RT: 21.536 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 1705366
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 9.5 8.3 12.5

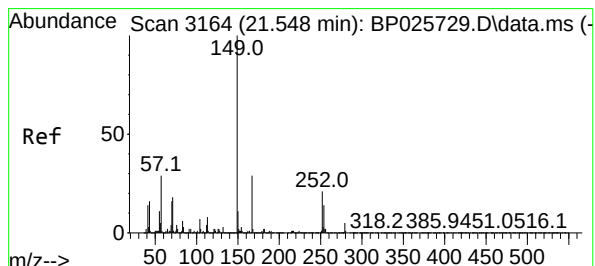
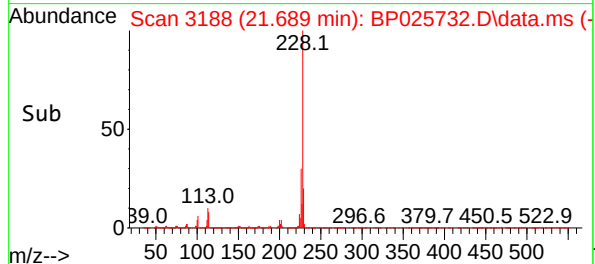
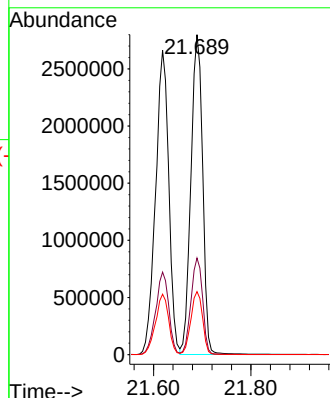
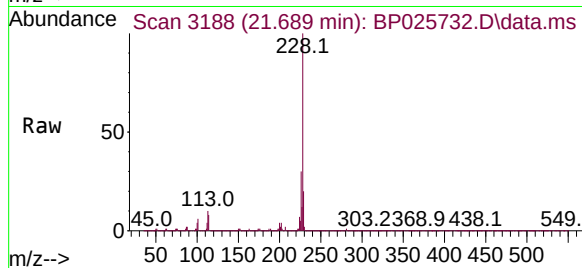




#83
Chrysene
Concen: 74.190 ng
RT: 21.689 min Scan# 3188
Delta R.T. 0.000 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

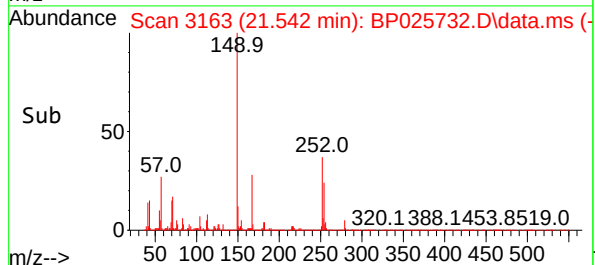
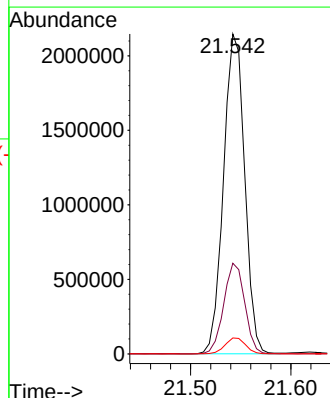
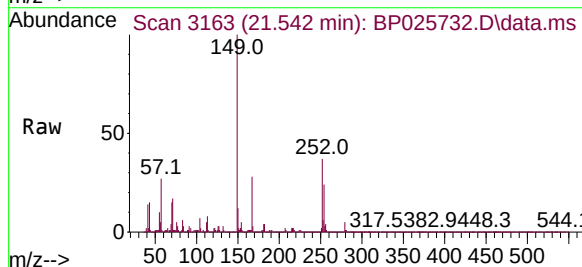
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

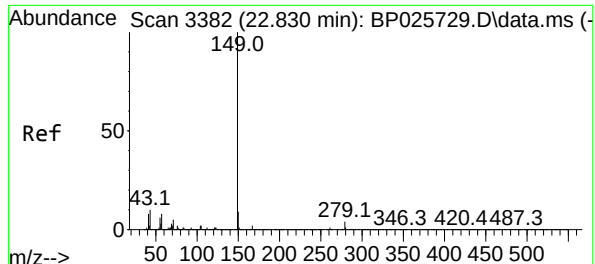
Tgt Ion:228 Resp: 4667905
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 76.431 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:149 Resp: 3154011
Ion Ratio Lower Upper
149 100
167 28.3 22.9 34.3
279 5.0 3.8 5.8

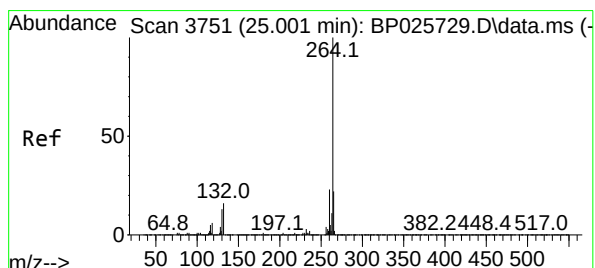
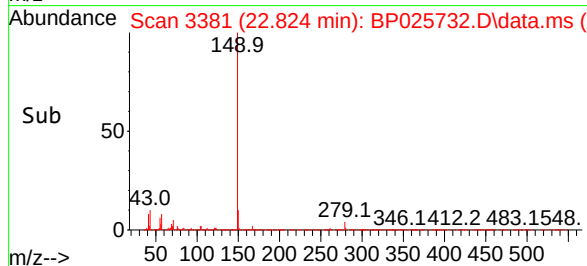
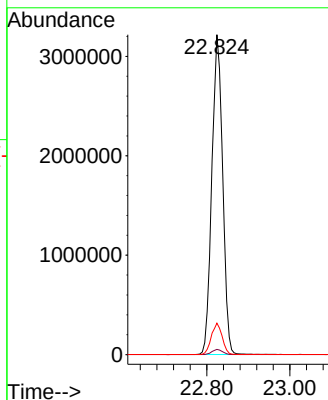
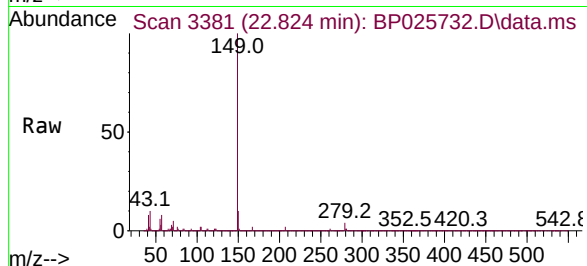




#85
Di-n-octyl phthalate
Concen: 79.012 ng
RT: 22.824 min Scan# 3382
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

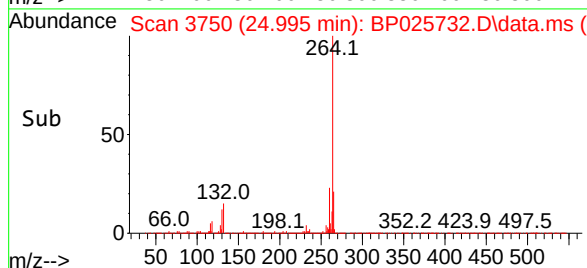
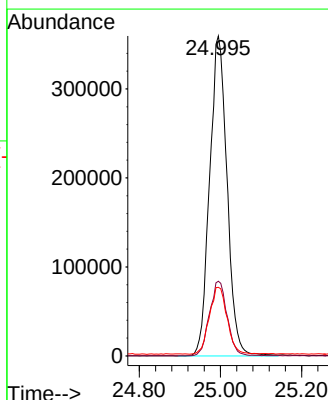
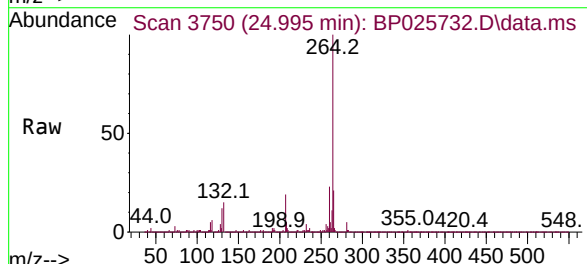
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

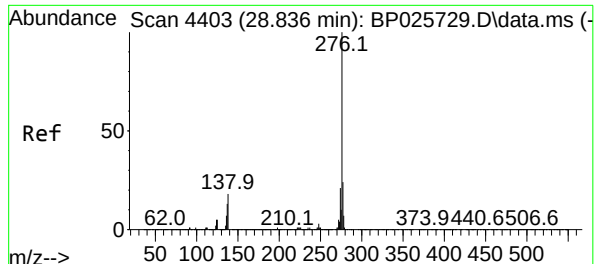
Tgt Ion:149 Resp: 5799888
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:264 Resp: 1072676
Ion Ratio Lower Upper
264 100
260 23.3 18.3 27.5
265 21.4 17.3 25.9

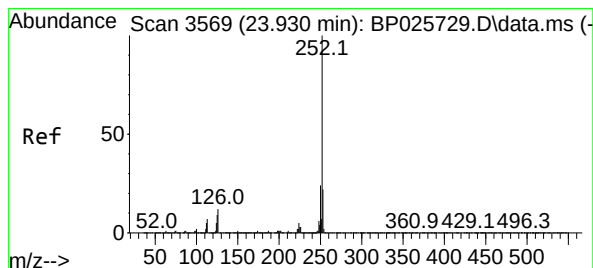
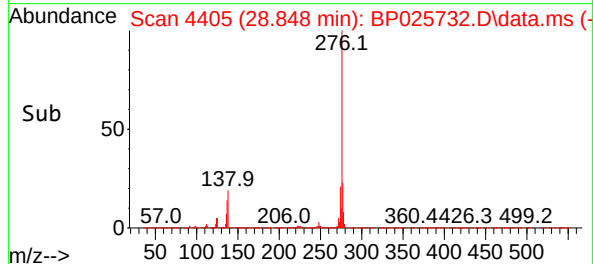
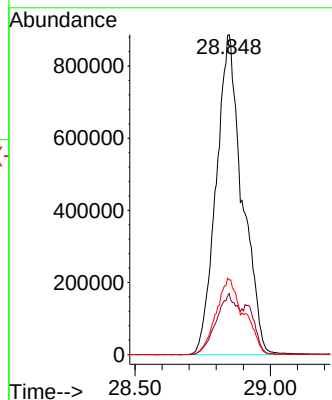
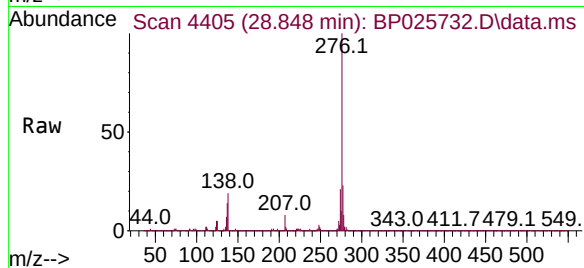




#87
Indeno(1,2,3-cd)pyrene
Concen: 76.261 ng
RT: 28.848 min Scan# 4403
Delta R.T. 0.012 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

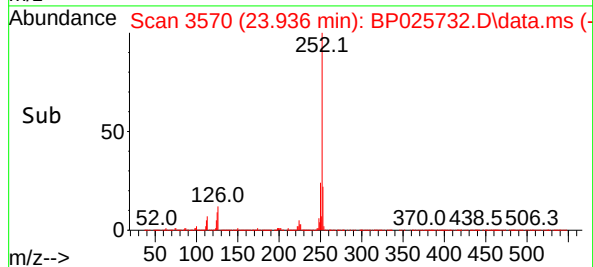
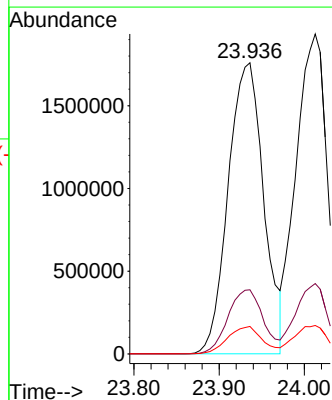
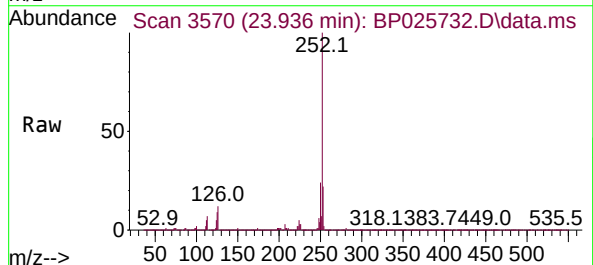
Instrument :
BNA_P
ClientSampleId :
SSTDICC080

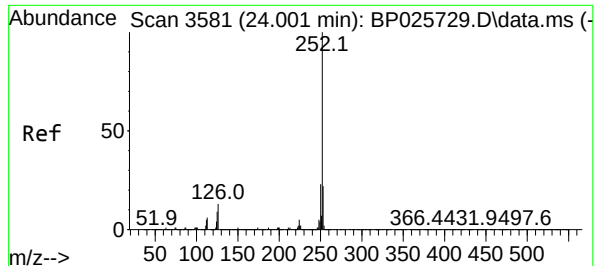
Tgt Ion:276 Resp: 5948880
Ion Ratio Lower Upper
276 100
138 15.6 13.4 20.2
277 25.4 9.1 13.7#



#88
Benzo(b)fluoranthene
Concen: 77.570 ng
RT: 23.936 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BP025732.D
Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 5088293
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 9.5 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 73.783 ng

RT: 24.013 min Scan# 3581

Delta R.T. 0.012 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

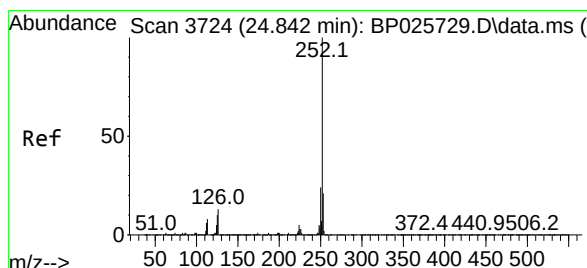
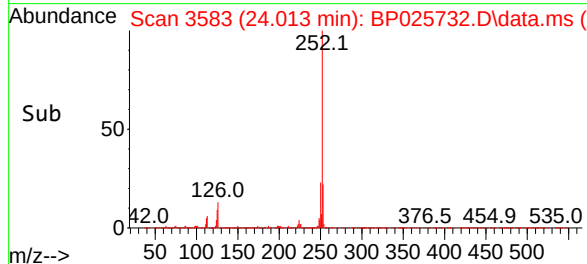
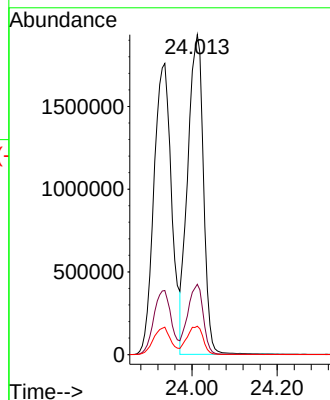
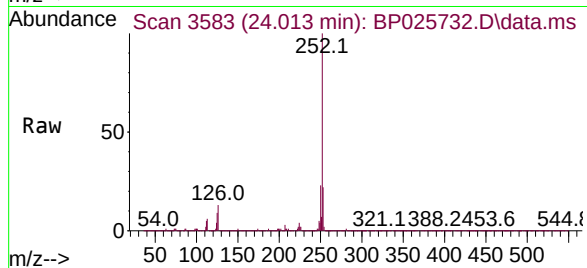
BNA_P

ClientSampleId :

SSTDICC080

Tgt Ion:252 Resp: 4938760

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.9	7.5	11.3



#90

Benzo(a)pyrene

Concen: 76.231 ng

RT: 24.842 min Scan# 3724

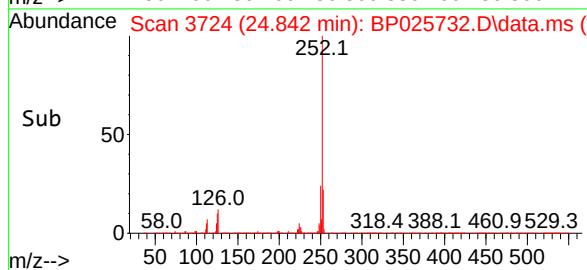
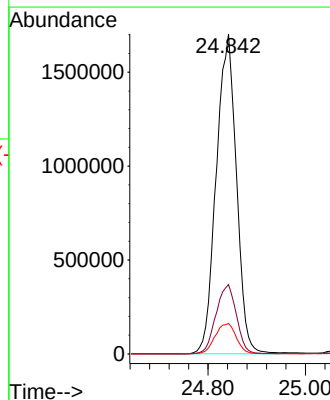
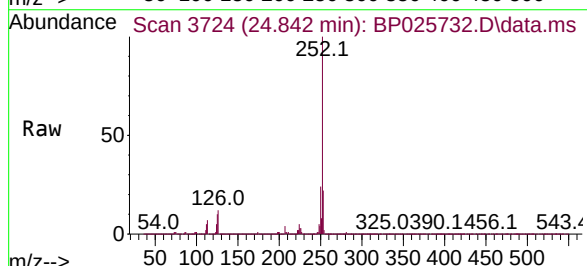
Delta R.T. 0.000 min

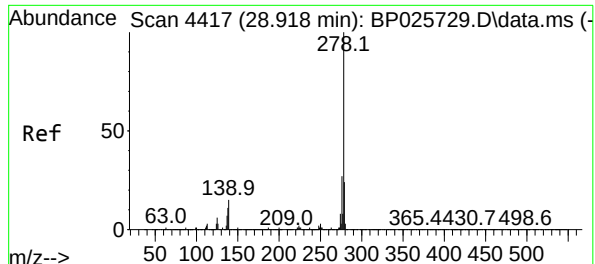
Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Tgt Ion:252 Resp: 4896947

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	9.5	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 76.817 ng

RT: 28.918 min Scan# 4417

Delta R.T. 0.000 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

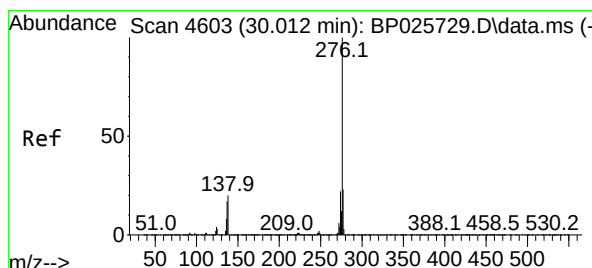
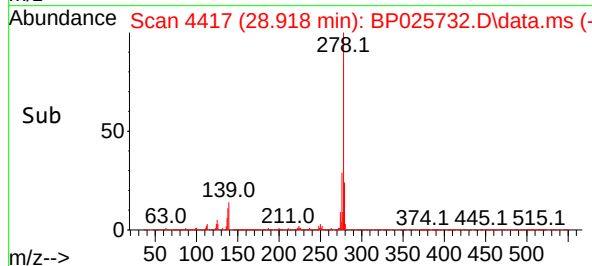
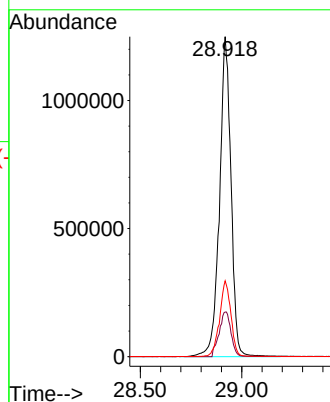
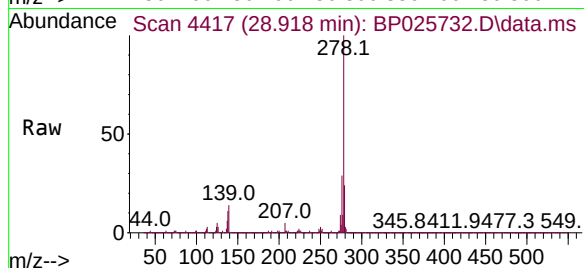
Tgt Ion:278 Resp: 4903653

Ion Ratio Lower Upper

278 100

139 13.9 12.1 18.1

279 23.7 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 76.886 ng

RT: 30.036 min Scan# 4607

Delta R.T. 0.024 min

Lab File: BP025732.D

Acq: 11 Sep 2025 14:24

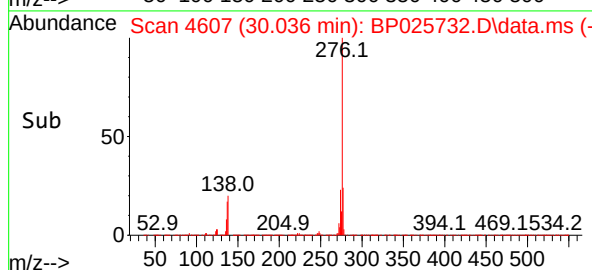
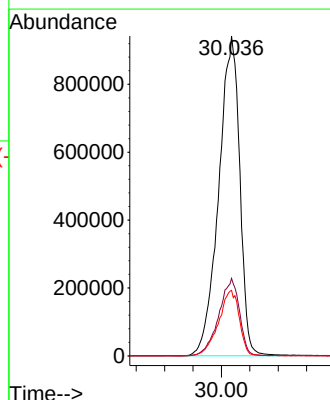
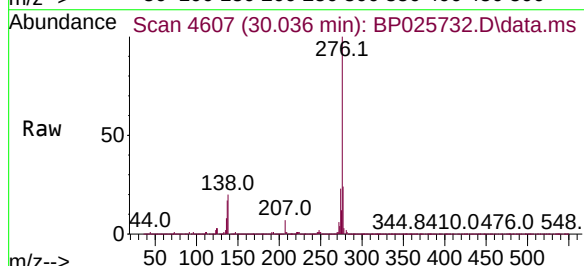
Tgt Ion:276 Resp: 4826771

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 20.5 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025733.D
 Acq On : 11 Sep 2025 15:20
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.719	152	132227	20.000	ng	-0.04
21) Naphthalene-d8	10.507	136	558379	20.000	ng	-0.02
39) Acenaphthene-d10	14.372	164	384529	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	764105	20.000	ng	0.00
76) Chrysene-d12	21.636	240	796095	20.000	ng	0.00
86) Perylene-d12	24.995	264	864239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	847611	103.433	ng	-0.04
7) Phenol-d6	6.913	99	1140979	104.750	ng	-0.04
23) Nitrobenzene-d5	8.878	82	1303272	102.956	ng	-0.02
42) 2,4,6-Tribromophenol	15.895	330	480931	100.273	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2843494	98.461	ng	0.00
79) Terphenyl-d14	19.907	244	4423580	99.962	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	169936	49.409	ng	99
3) Pyridine	3.684	79	483875	51.092	ng	98
4) n-Nitrosodimethylamine	3.590	42	224792	50.302	ng	100
6) Aniline	7.060	93	784152	52.443	ng	99
8) 2-Chlorophenol	7.296	128	466182	51.856	ng	100
9) Benzaldehyde	6.878	77	398852m	61.160	ng	
10) Phenol	6.937	94	601415	52.364	ng	98
11) bis(2-Chloroethyl)ether	7.155	93	475247	51.503	ng	97
12) 1,3-Dichlorobenzene	7.613	146	511619	50.003	ng	97
13) 1,4-Dichlorobenzene	7.760	146	525685	50.438	ng	100
14) 1,2-Dichlorobenzene	8.072	146	509835	50.354	ng	99
15) Benzyl Alcohol	7.960	79	466422	51.821	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.249	45	757264	50.182	ng	99
17) 2-Methylphenol	8.172	107	406974	52.557	ng	99
18) Hexachloroethane	8.796	117	201387	50.587	ng	96
19) n-Nitroso-di-n-propyla...	8.525	70	406549	54.152	ng	99
20) 3+4-Methylphenols	8.502	107	559714	51.612	ng	99
22) Acetophenone	8.543	105	767098	51.407	ng	# 98
24) Nitrobenzene	8.919	77	583136	51.351	ng	98
25) Isophorone	9.443	82	1138308	51.161	ng	100
26) 2-Nitrophenol	9.625	139	269275	53.408	ng	98
27) 2,4-Dimethylphenol	9.690	122	456881	51.654	ng	98
28) bis(2-Chloroethoxy)met...	9.919	93	661544	51.437	ng	99
29) 2,4-Dichlorophenol	10.160	162	470034	53.298	ng	99
30) 1,2,4-Trichlorobenzene	10.366	180	498270	50.132	ng	99
31) Naphthalene	10.560	128	1513087	50.255	ng	100
32) Benzoic acid	9.866	122	353386	53.738	ng	99
33) 4-Chloroaniline	10.672	127	666499	53.111	ng	99
34) Hexachlorobutadiene	10.837	225	316676	49.495	ng	99
35) Caprolactam	11.466	113	172043	50.713	ng	99
36) 4-Chloro-3-methylphenol	11.801	107	549567	52.269	ng	96
37) 2-Methylnaphthalene	12.172	142	974364	50.386	ng	99
38) 1-Methylnaphthalene	12.390	142	1019849	49.456	ng	98
40) 1,2,4,5-Tetrachloroben...	12.543	216	583660	50.090	ng	100
41) Hexachlorocyclopentadiene	12.525	237	337711	53.214	ng	99
43) 2,4,6-Trichlorophenol	12.790	196	393647	51.389	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025733.D
 Acq On : 11 Sep 2025 15:20
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:16:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.866	196	441307	51.765	ng	98
46) 1,1'-Biphenyl	13.190	154	1408553	49.905	ng	99
47) 2-Chloronaphthalene	13.237	162	1118909	50.347	ng	99
48) 2-Nitroaniline	13.448	65	383740	51.799	ng	94
49) Acenaphthylene	14.095	152	1830164	49.702	ng	100
50) Dimethylphthalate	13.831	163	1435428	48.895	ng	100
51) 2,6-Dinitrotoluene	13.948	165	316613	50.904	ng	98
52) Acenaphthene	14.442	154	1042525	49.094	ng	99
53) 3-Nitroaniline	14.284	138	343785	52.561	ng	96
54) 2,4-Dinitrophenol	14.507	184	193294	49.740	ng	96
55) Dibenzofuran	14.784	168	1697428	49.045	ng	98
56) 4-Nitrophenol	14.613	139	261984	48.388	ng	99
57) 2,4-Dinitrotoluene	14.748	165	465265	52.562	ng	95
58) Fluorene	15.436	166	1331644	48.387	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.013	232	388785	50.625	ng	100
60) Diethylphthalate	15.219	149	1459705	49.018	ng	99
61) 4-Chlorophenyl-phenyle...	15.436	204	676706	48.790	ng	99
62) 4-Nitroaniline	15.472	138	358915	53.605	ng	99
63) Azobenzene	15.731	77	1452024	50.428	ng	99
65) 4,6-Dinitro-2-methylph...	15.531	198	272418	53.609	ng	98
66) n-Nitrosodiphenylamine	15.654	169	1199673	51.304	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	431960	51.458	ng	99
68) Hexachlorobenzene	16.472	284	474297	50.667	ng	96
69) Atrazine	16.636	200	458144	51.256	ng	97
70) Pentachlorophenol	16.825	266	318100	51.487	ng	98
71) Phenanthrene	17.219	178	2161060	49.858	ng	100
72) Anthracene	17.325	178	2260277	51.395	ng	100
73) Carbazole	17.595	167	2110925	51.629	ng	100
74) Di-n-butylphthalate	18.189	149	2558689	50.995	ng	100
75) Fluoranthene	19.313	202	2580366	49.638	ng	100
77) Benzidine	19.513	184	1255790	54.762	ng	100
78) Pyrene	19.695	202	2660397	50.083	ng	99
80) Butylbenzylphthalate	20.636	149	1209410	51.926	ng	100
81) Benzo(a)anthracene	21.613	228	2742275	50.315	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	971634	51.559	ng	99
83) Chrysene	21.683	228	2620241	50.434	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1714419	50.312	ng	99
85) Di-n-octyl phthalate	22.824	149	3047268	50.273	ng	100
87) Indeno(1,2,3-cd)pyrene	28.836	276	3254187	51.778	ng	# 85
88) Benzo(b)fluoranthene	23.942	252	2704281	51.169	ng	99
89) Benzo(k)fluoranthene	24.007	252	2718438	50.407	ng	100
90) Benzo(a)pyrene	24.848	252	2637187	50.954	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2677885	52.067	ng	98
92) Benzo(g,h,i)perylene	30.024	276	2614577	51.692	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025733.D
 Acq On : 11 Sep 2025 15:20
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025

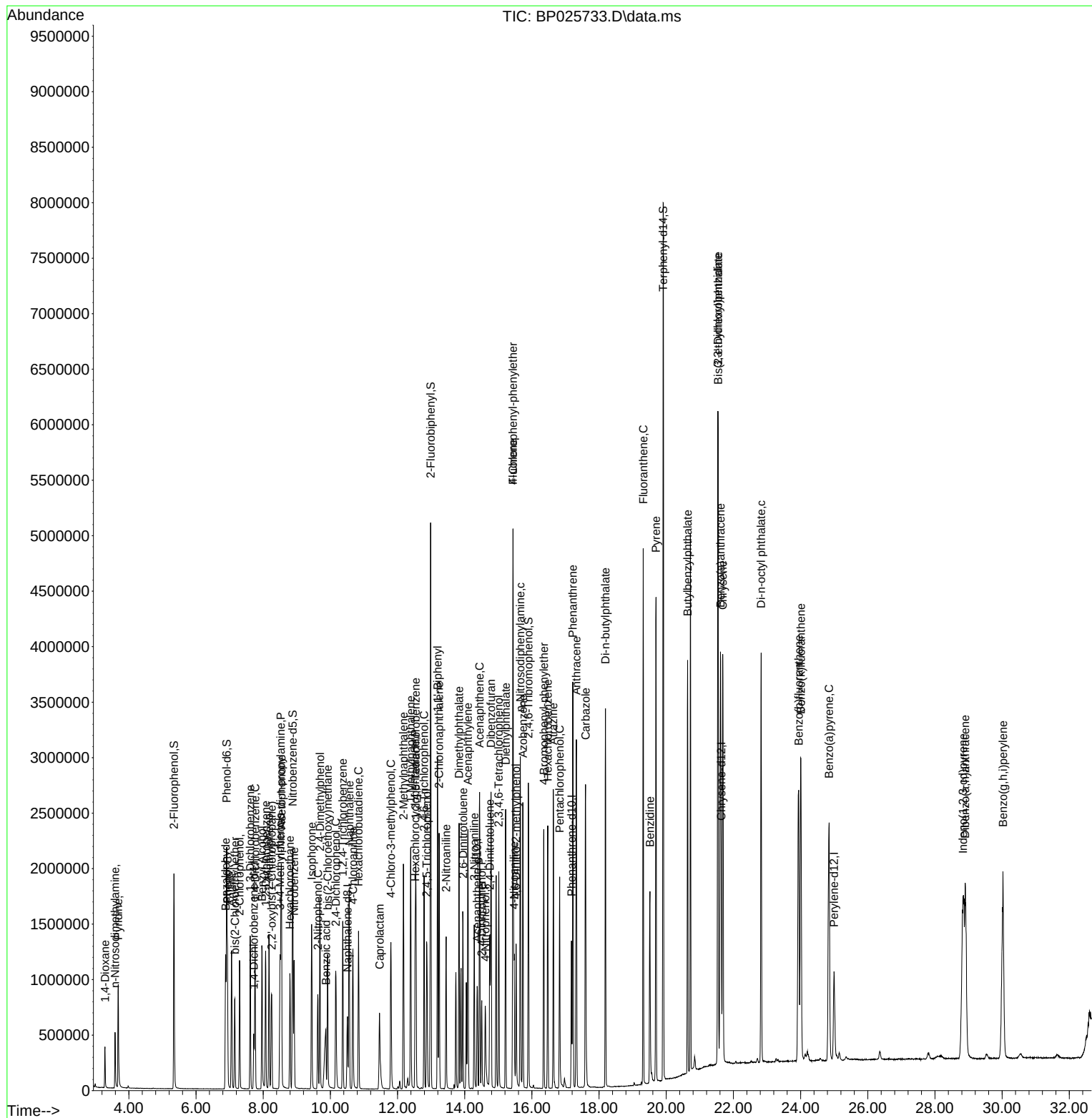
Quant Time: Sep 11 16:27:42 2025

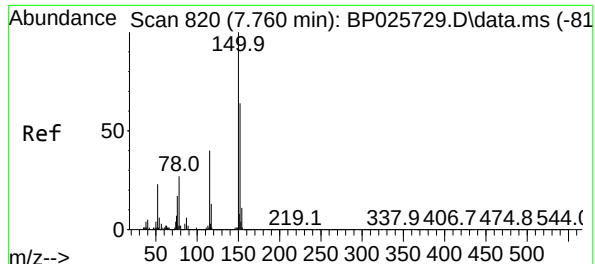
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 11 16:16:10 2025

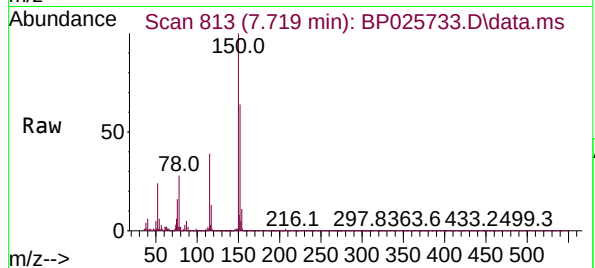
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.719 min Scan# 81
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

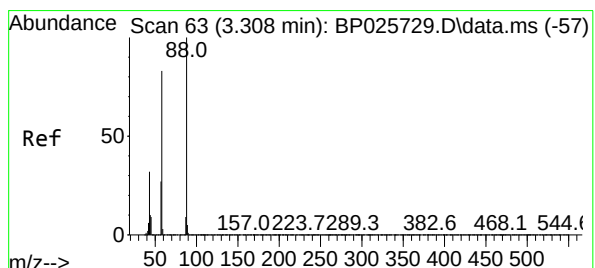
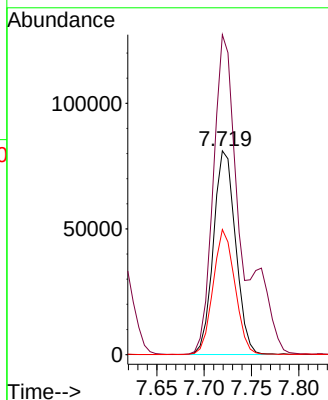
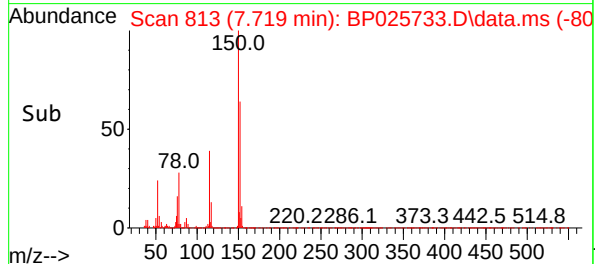
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



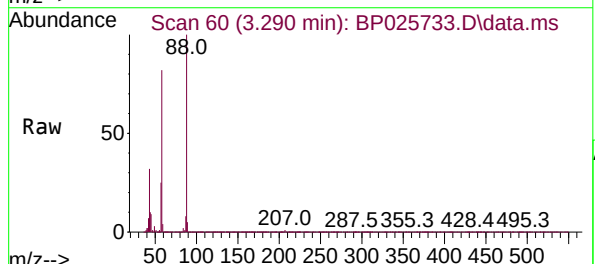
Tgt Ion: 152 Resp: 13222
Ion Ratio Lower Upper
152 100
150 157.1 124.3 186.5
115 61.4 50.3 75.5

Manual Integrations
APPROVED

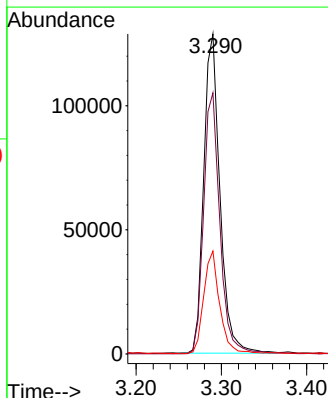
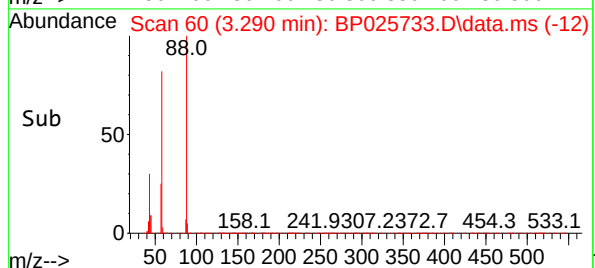
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

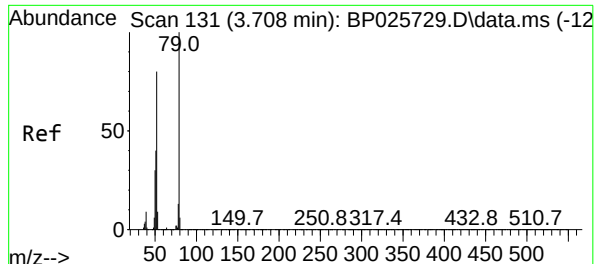


#2
1,4-Dioxane
Concen: 49.409 ng
RT: 3.290 min Scan# 60
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



Tgt Ion: 88 Resp: 169936
Ion Ratio Lower Upper
88 100
58 82.5 65.5 98.3
43 31.6 25.2 37.8





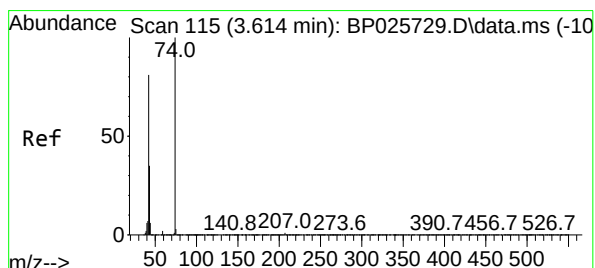
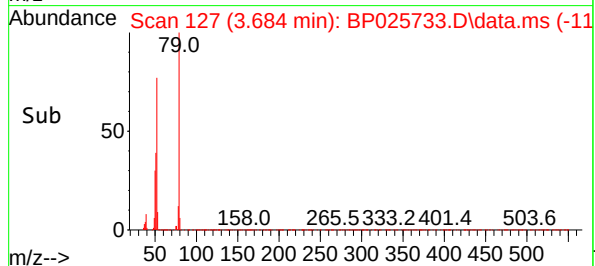
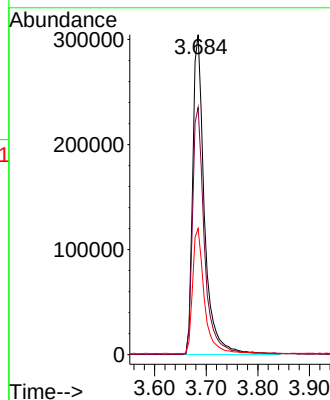
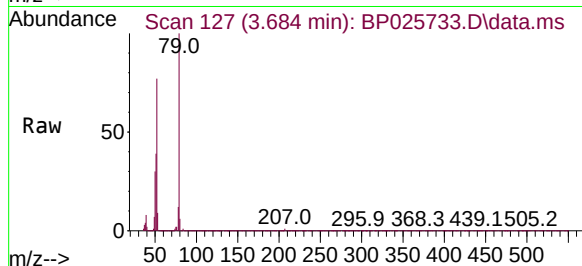
#3
Pyridine
Concen: 51.092 ng
RT: 3.684 min Scan# 111
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 483875
Ion Ratio Lower Upper
79 100
52 77.2 63.7 95.5
51 39.4 32.4 48.6

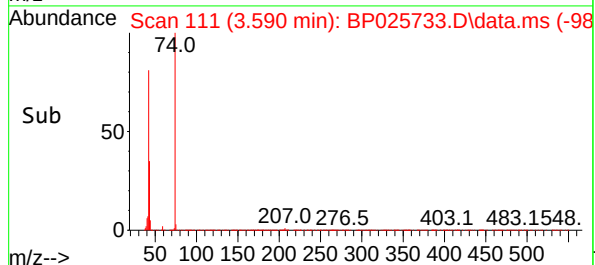
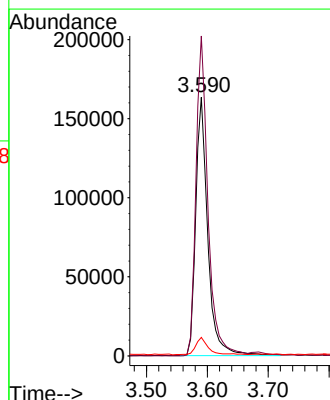
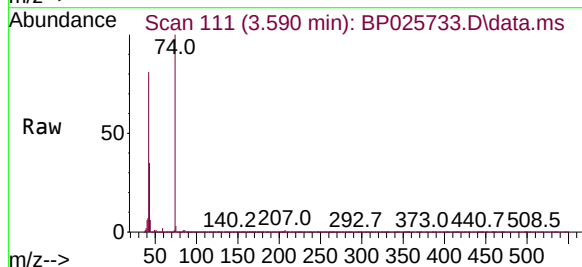
Manual Integrations
APPROVED

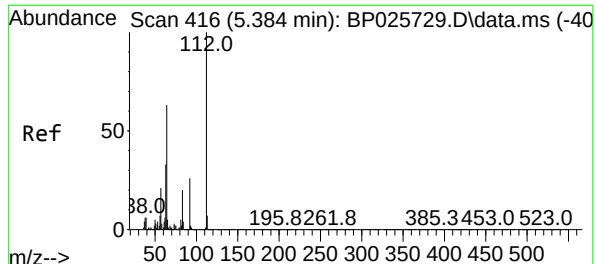
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#4
n-Nitrosodimethylamine
Concen: 50.302 ng
RT: 3.590 min Scan# 111
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 42 Resp: 224792
Ion Ratio Lower Upper
42 100
74 123.8 99.2 148.8
44 7.1 6.4 9.6





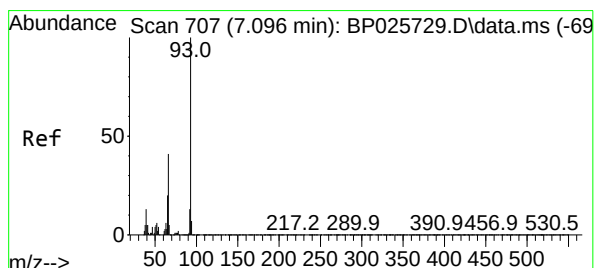
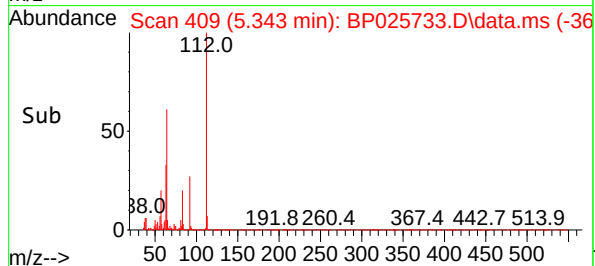
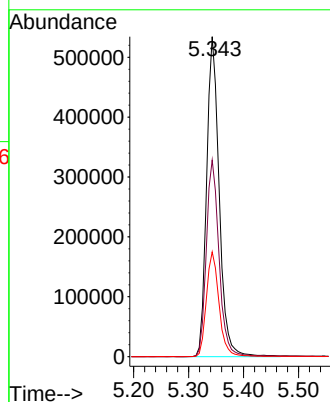
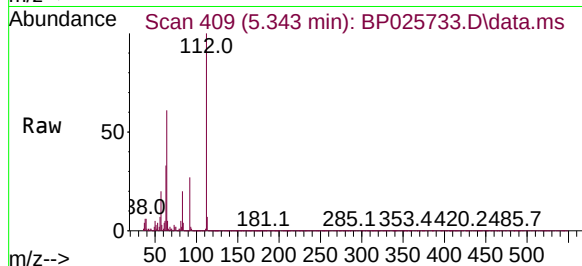
#5
2-Fluorophenol
Concen: 103.433 ng
RT: 5.343 min Scan# 409
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 112 Resp: 847611
Ion Ratio Lower Upper
112 100
64 61.4 50.2 75.4
63 32.7 26.7 40.1

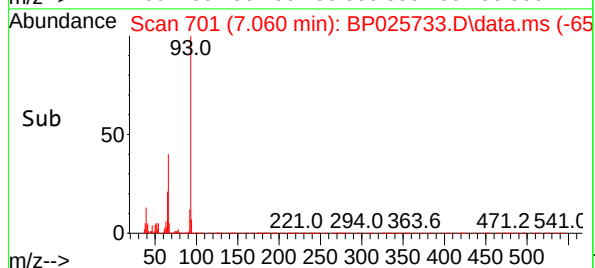
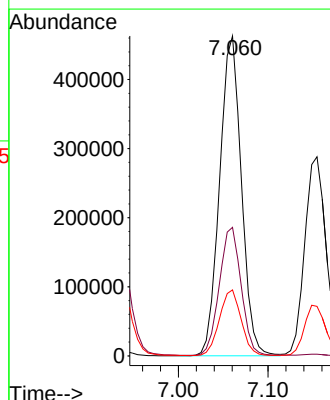
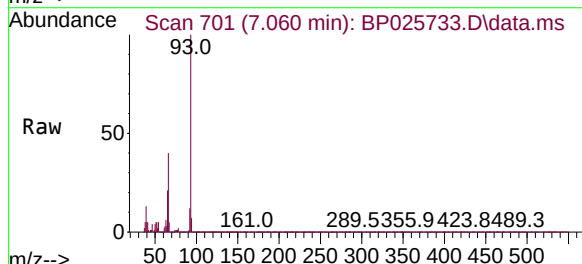
Manual Integrations
APPROVED

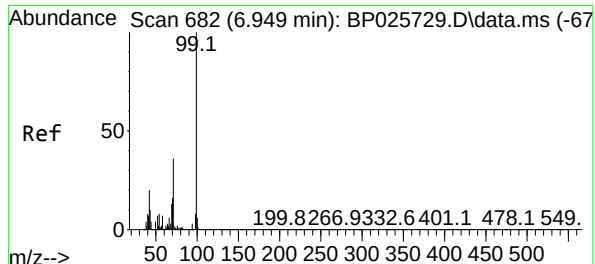
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 52.443 ng
RT: 7.060 min Scan# 701
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

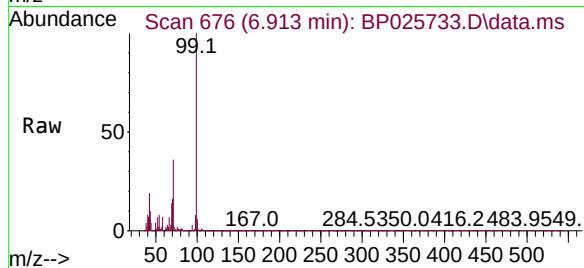
Tgt Ion: 93 Resp: 784152
Ion Ratio Lower Upper
93 100
66 40.2 32.6 49.0
65 20.7 16.2 24.2





#7
Phenol-d6
Concen: 104.750 ng
RT: 6.913 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

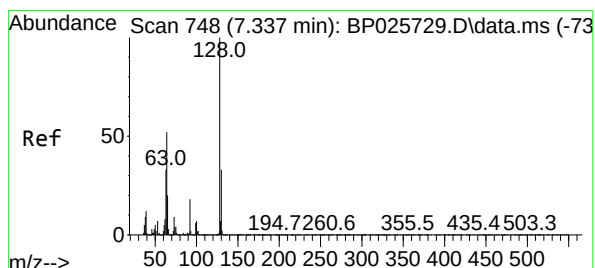
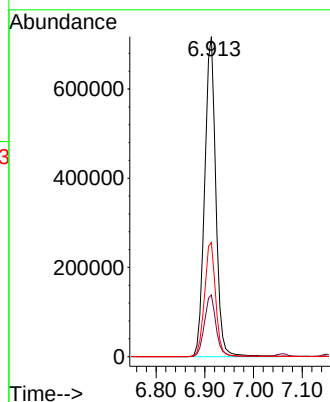
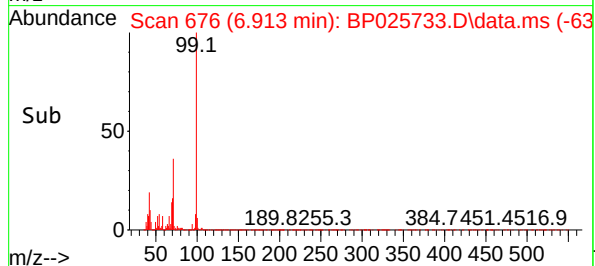
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 99 Resp: 1140979
Ion Ratio Lower Upper
99 100
42 19.3 15.6 23.4
71 35.7 28.6 43.0

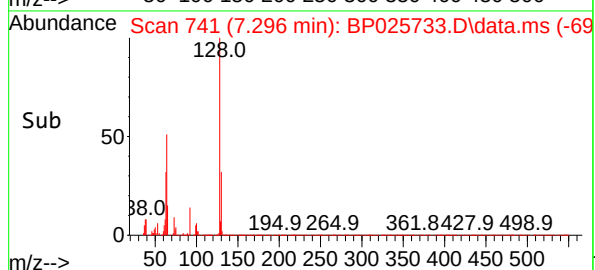
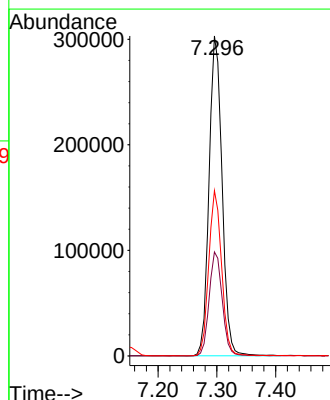
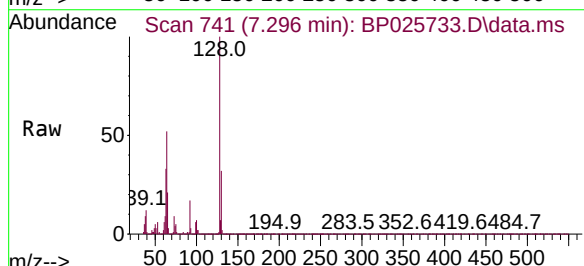
Manual Integrations
APPROVED

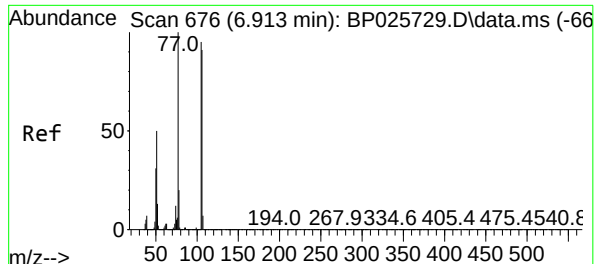
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#8
2-Chlorophenol
Concen: 51.856 ng
RT: 7.296 min Scan# 741
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

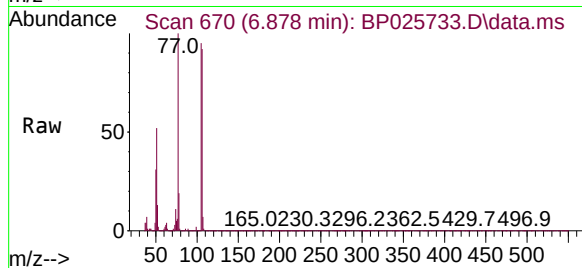
Tgt Ion:128 Resp: 466182
Ion Ratio Lower Upper
128 100
130 32.5 12.6 52.6
64 51.6 31.6 71.6





#9
Benzaldehyde
Concen: 61.160 ng m
RT: 6.878 min Scan# 61
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

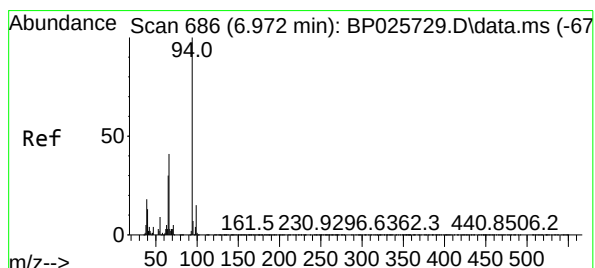
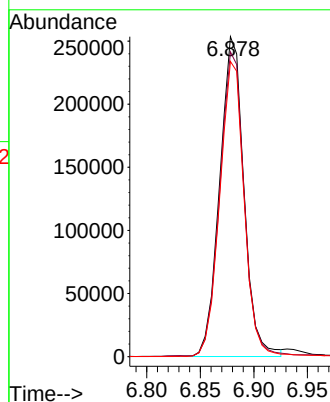
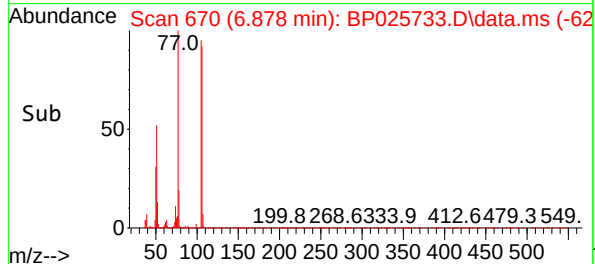
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 398852
Ion Ratio Lower Upper
77 100
105 95.2 75.2 115.2
106 92.2 71.3 111.3

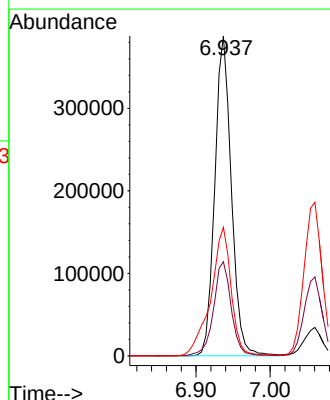
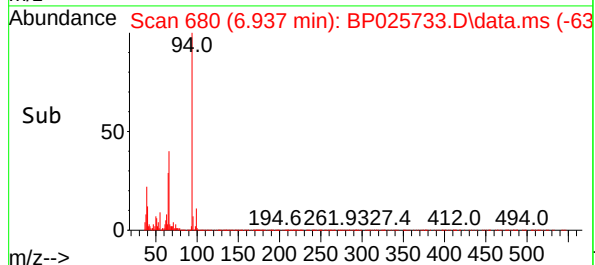
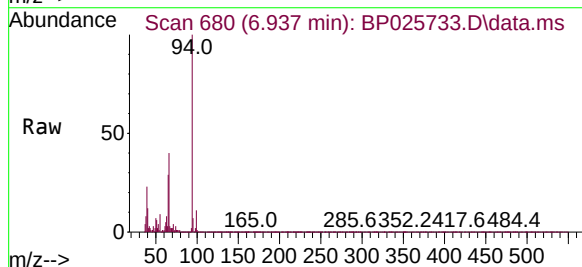
Manual Integrations
APPROVED

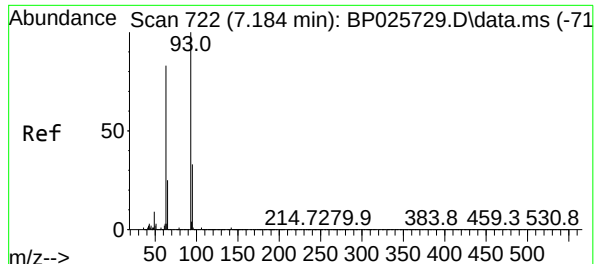
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 52.364 ng
RT: 6.937 min Scan# 680
Delta R.T. -0.035 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 94 Resp: 601415
Ion Ratio Lower Upper
94 100
65 29.4 10.2 50.2
66 40.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 51.503 ng

RT: 7.155 min Scan# 71

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 47524

Ion Ratio Lower Upper

93 100

63 79.5 62.6 102.6

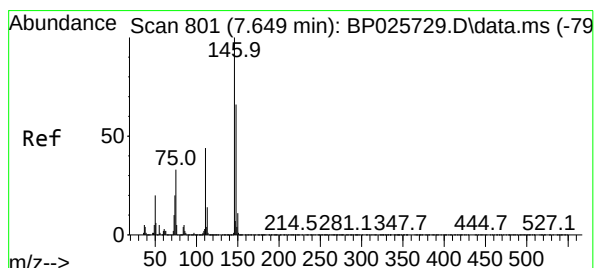
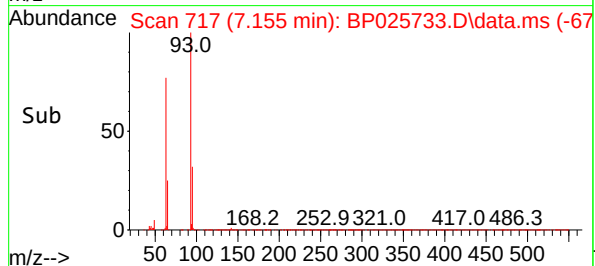
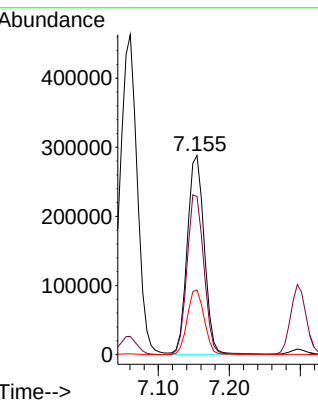
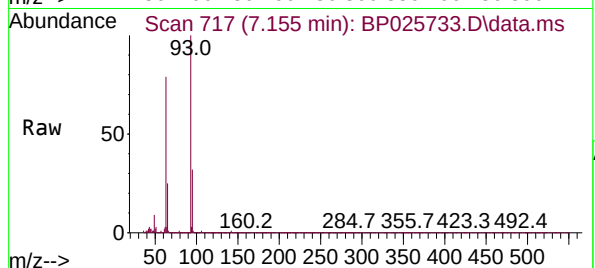
95 32.5 13.2 53.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#12

1,3-Dichlorobenzene

Concen: 50.003 ng

RT: 7.613 min Scan# 795

Delta R.T. -0.035 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

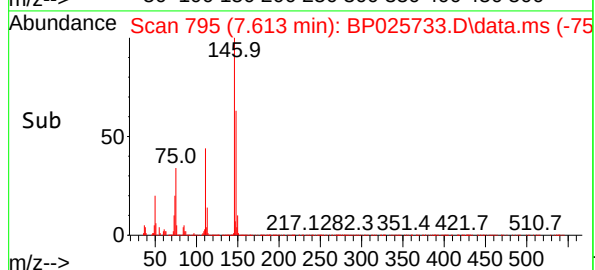
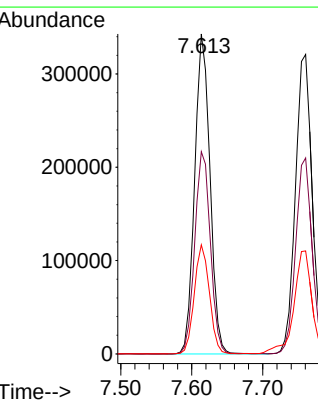
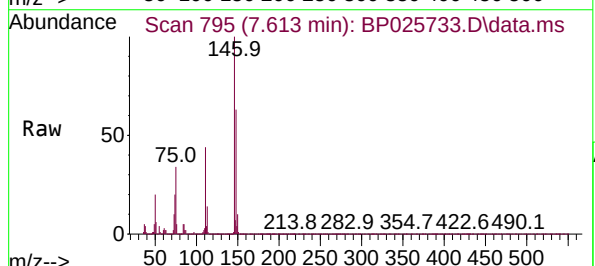
Tgt Ion:146 Resp: 511619

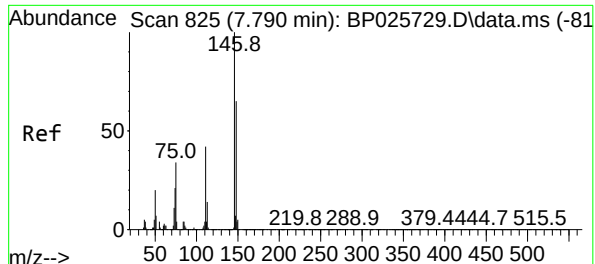
Ion Ratio Lower Upper

146 100

148 63.2 52.7 79.1

75 34.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 50.438 ng

RT: 7.760 min Scan# 81

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 525685

Ion Ratio Lower Upper

146 100

148 65.4 52.0 78.0

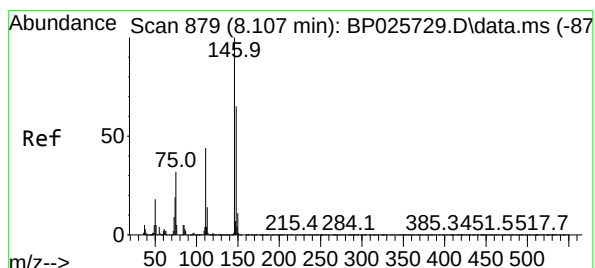
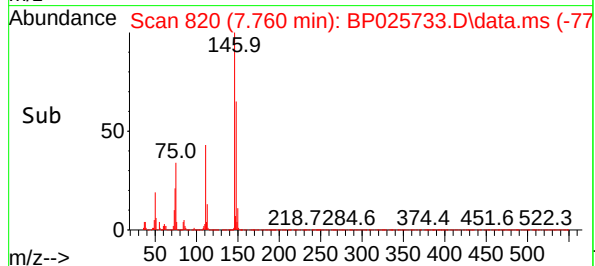
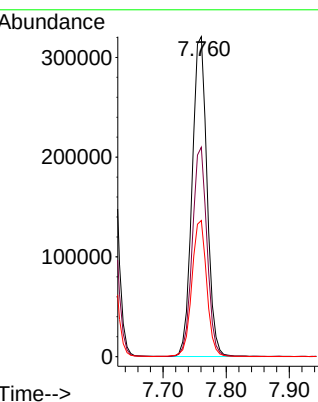
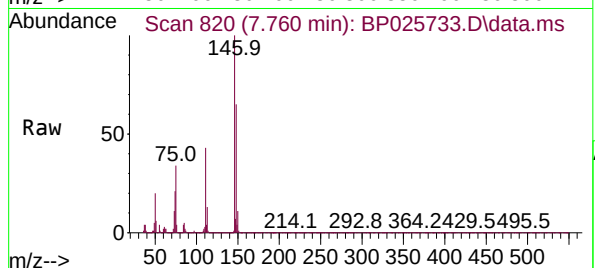
111 42.5 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 50.354 ng

RT: 8.072 min Scan# 873

Delta R.T. -0.035 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

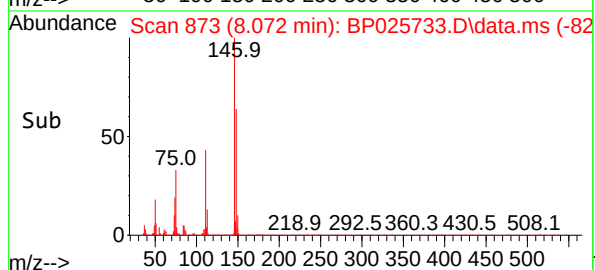
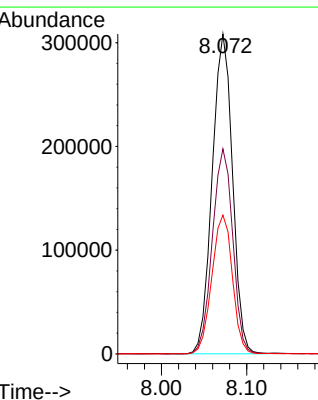
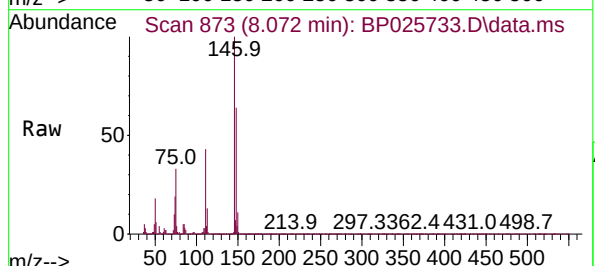
Tgt Ion:146 Resp: 509835

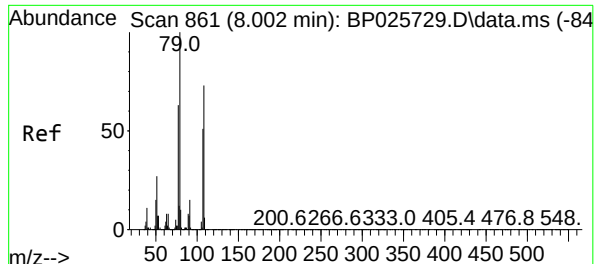
Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

111 43.4 35.5 53.3





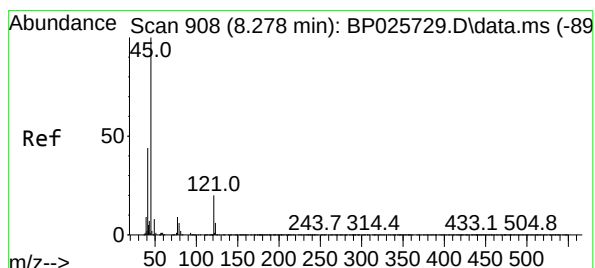
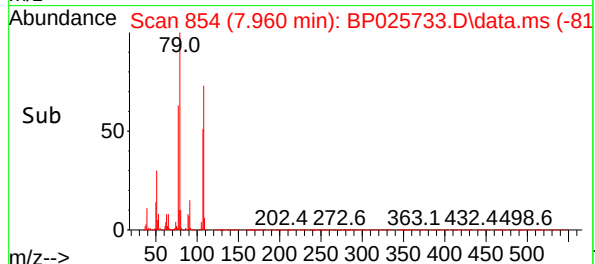
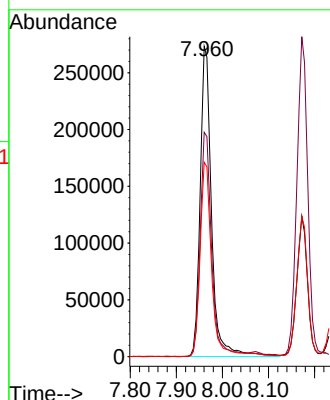
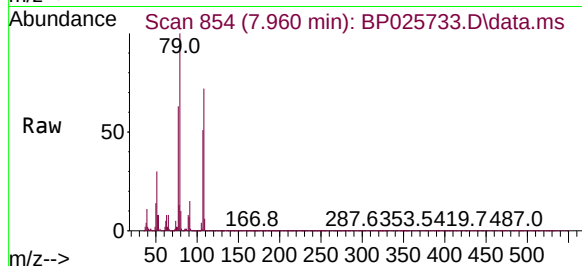
#15
Benzyl Alcohol
Concen: 51.821 ng
RT: 7.960 min Scan# 81
Delta R.T. -0.041 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 79 Resp: 46642
Ion Ratio Lower Upper
79 100
108 72.4 58.7 88.1
77 62.7 50.2 75.2

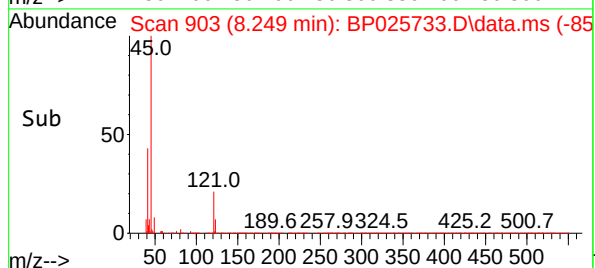
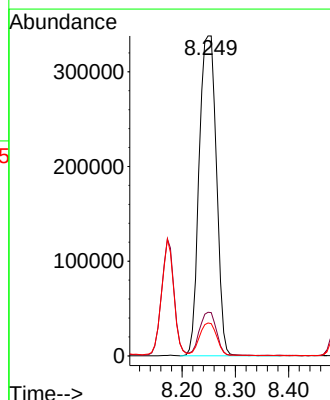
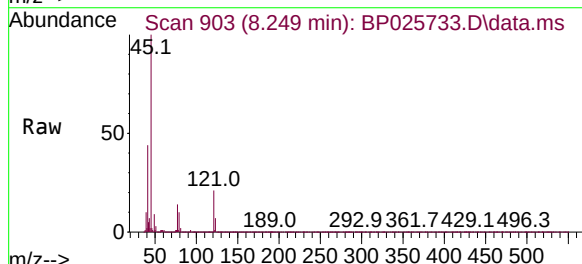
Manual Integrations
APPROVED

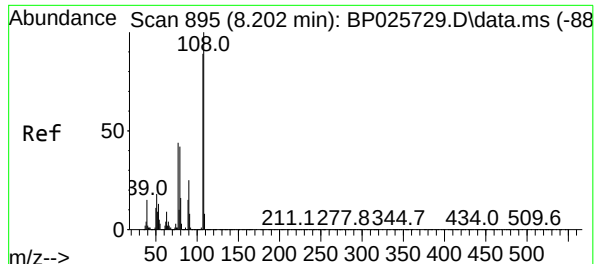
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.182 ng
RT: 8.249 min Scan# 903
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

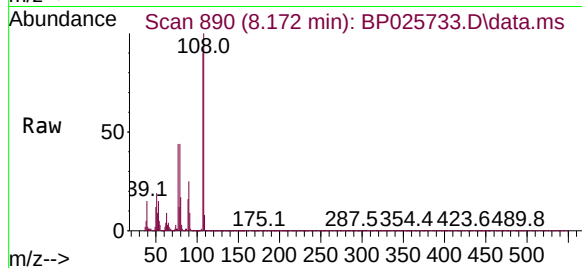
Tgt Ion: 45 Resp: 757264
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.1
79 10.3 0.0 30.0





#17
2-Methylphenol
Concen: 52.557 ng
RT: 8.172 min Scan# 895
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

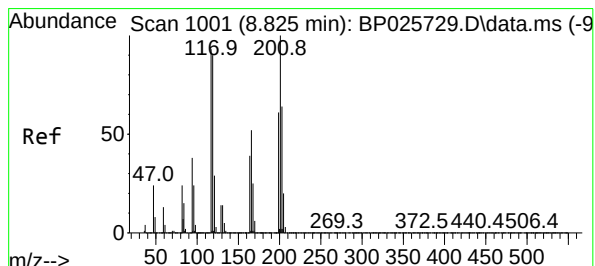
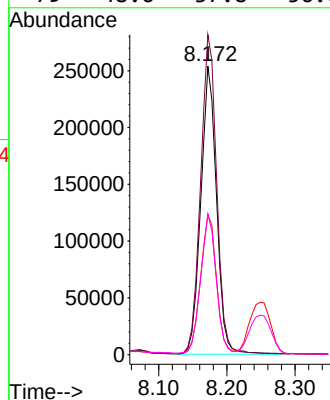
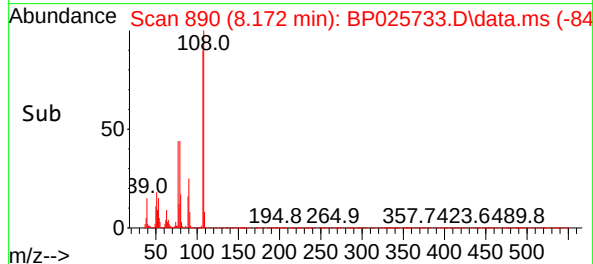
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



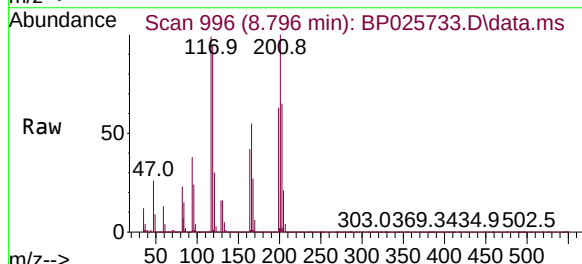
Tgt Ion:107 Resp: 406974
Ion Ratio Lower Upper
107 100
108 111.0 89.6 134.4
77 48.6 39.3 58.9
79 48.6 37.8 56.6

Manual Integrations
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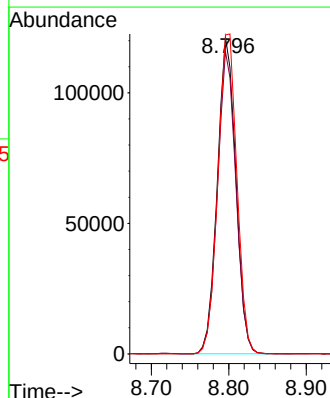
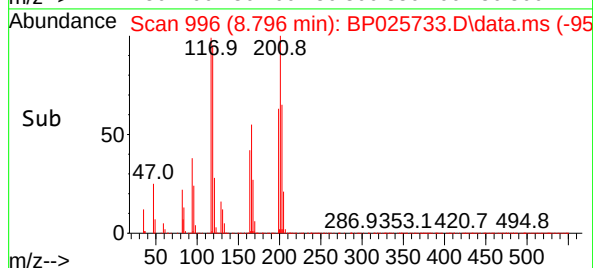
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

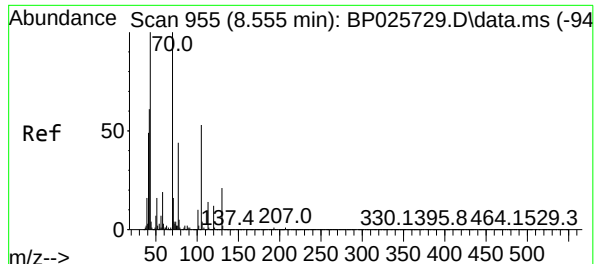


#18
Hexachloroethane
Concen: 50.587 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



Tgt Ion:117 Resp: 201387
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
201 100.7 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 54.152 ng

RT: 8.525 min Scan# 91

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 406549

Ion Ratio Lower Upper

70 100

42 62.4 49.0 73.4

101 9.3 7.9 11.9

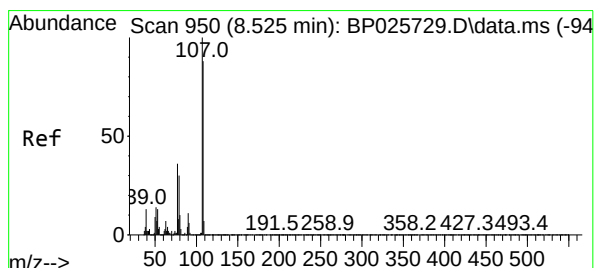
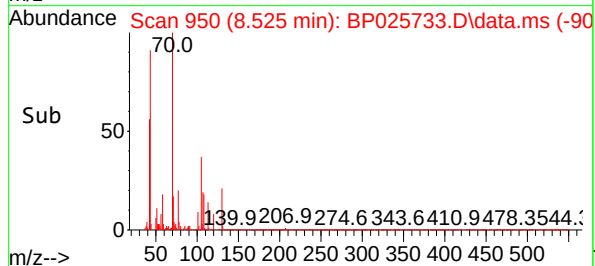
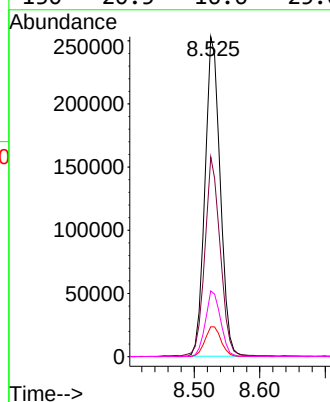
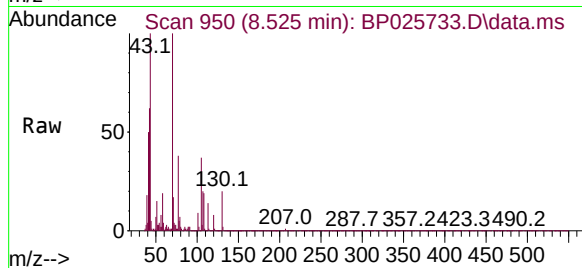
130 20.5 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 51.612 ng

RT: 8.502 min Scan# 946

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Tgt Ion:107 Resp: 559714

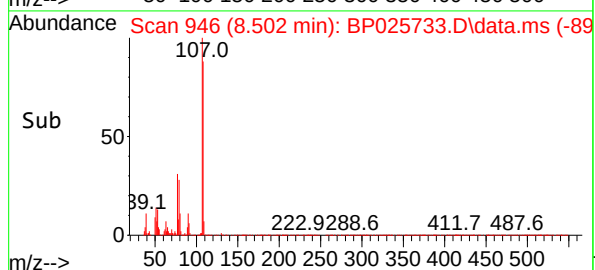
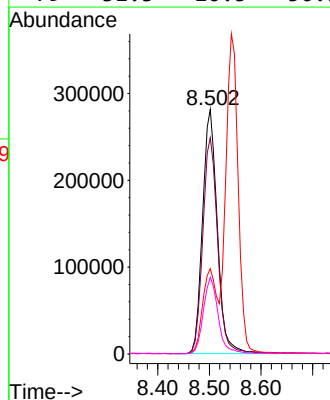
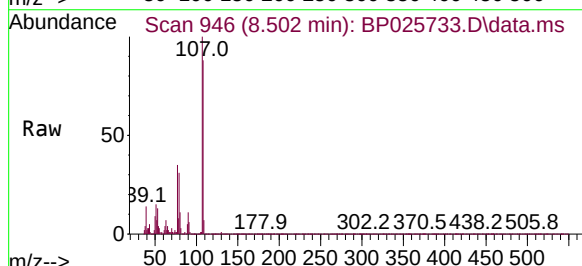
Ion Ratio Lower Upper

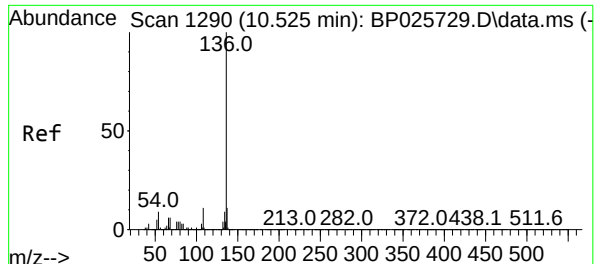
107 100

108 88.3 67.8 107.8

77 34.9 16.1 56.1

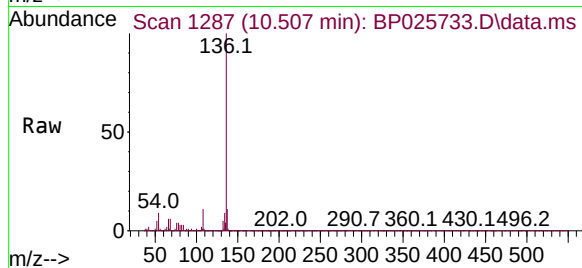
79 31.3 10.5 50.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.507 min Scan# 1290
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

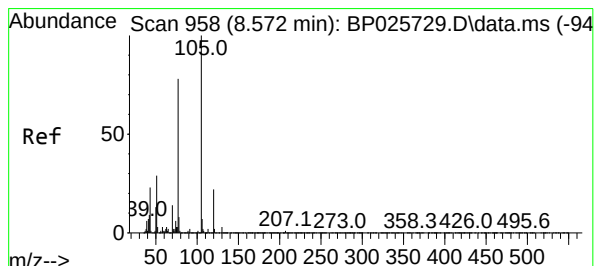
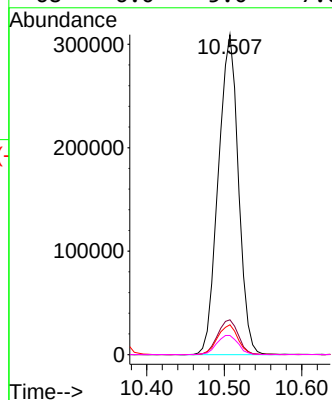
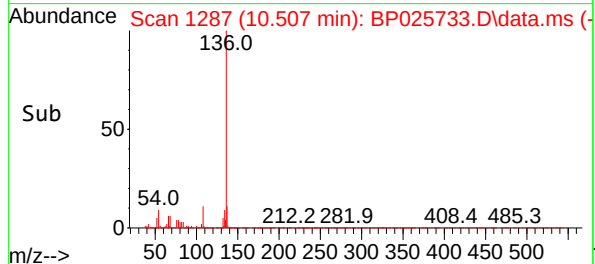
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:136 Resp: 558379
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.3 7.5 11.3
68 6.0 5.0 7.6

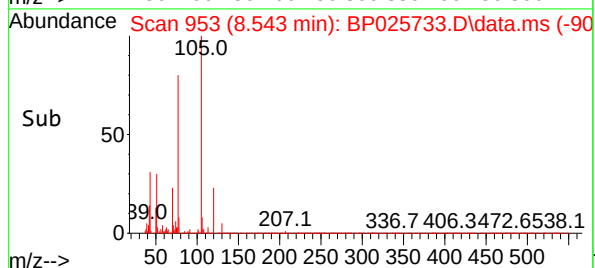
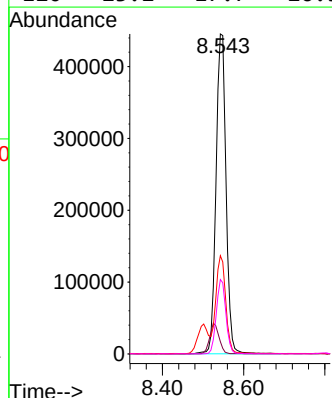
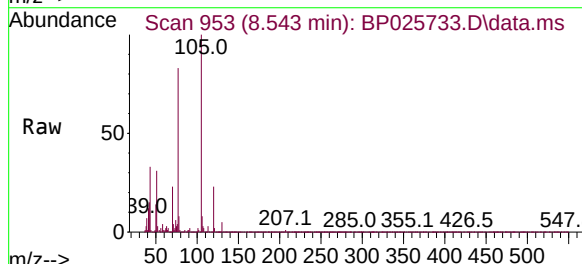
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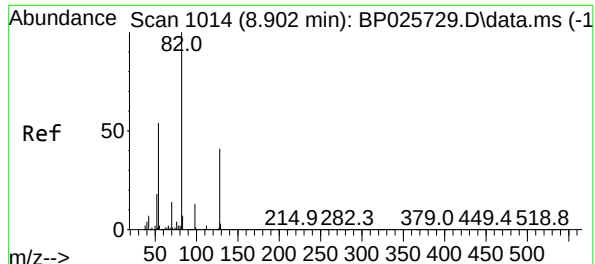
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#22
Acetophenone
Concen: 51.407 ng
RT: 8.543 min Scan# 953
Delta R.T. -0.029 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:105 Resp: 767098
Ion Ratio Lower Upper
105 100
71 3.8 1.8 2.8
51 30.7 23.5 35.3
120 23.2 17.7 26.5





#23

Nitrobenzene-d5

Concen: 102.956 ng

RT: 8.878 min Scan# 1010

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 1303272

Ion Ratio Lower Upper

82 100

128 41.0 32.9 49.3

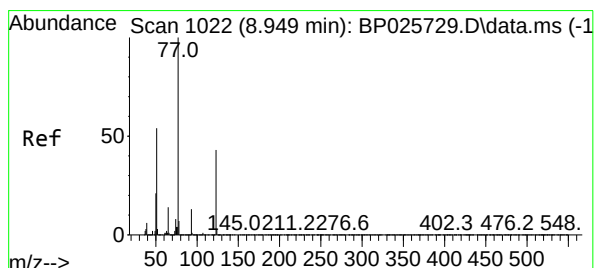
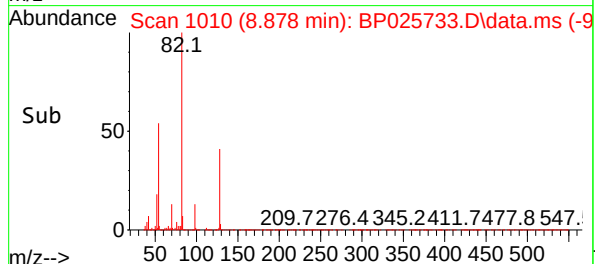
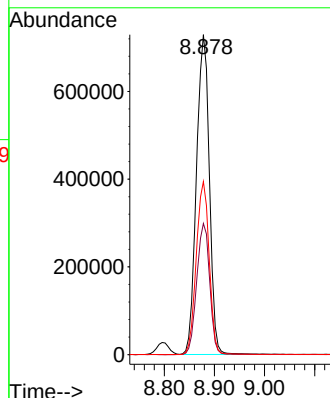
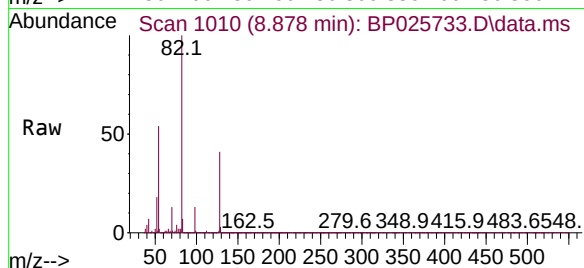
54 54.1 43.4 65.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#24

Nitrobenzene

Concen: 51.351 ng

RT: 8.919 min Scan# 1017

Delta R.T. -0.029 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

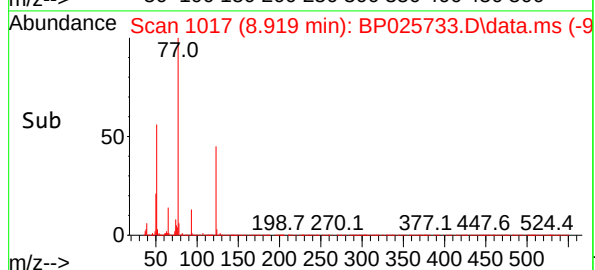
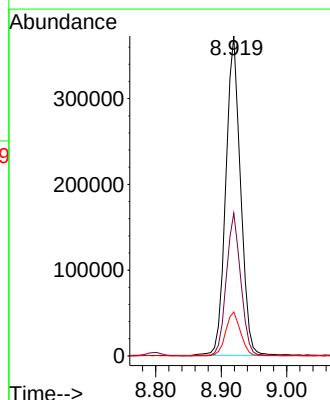
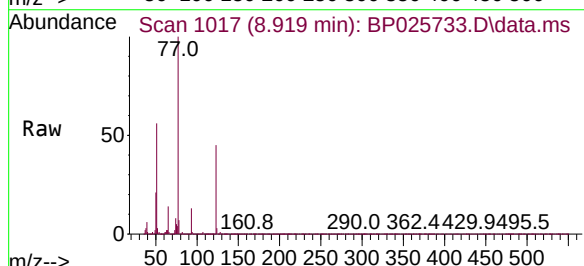
Tgt Ion: 77 Resp: 583136

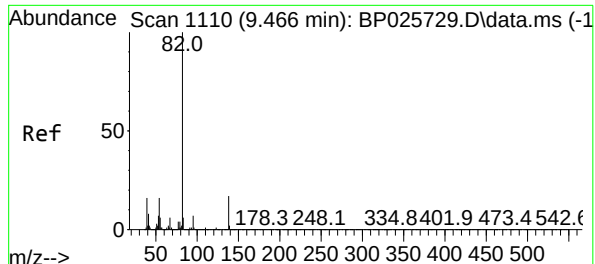
Ion Ratio Lower Upper

77 100

123 44.6 34.4 51.6

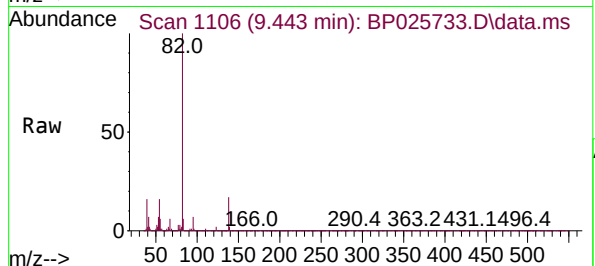
65 13.7 10.8 16.2





#25
Isophorone
Concen: 51.161 ng
RT: 9.443 min Scan# 1106
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

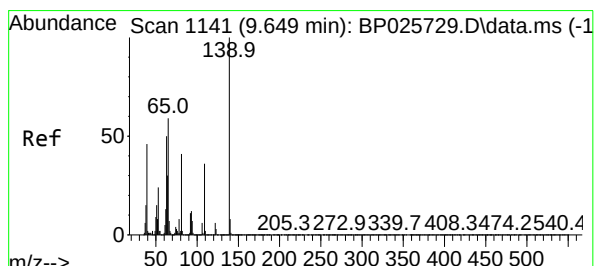
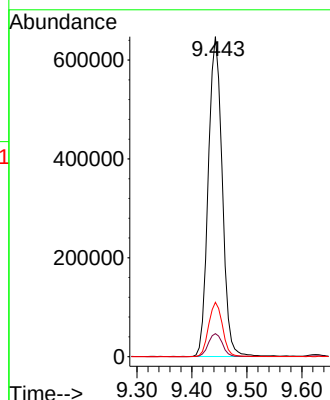
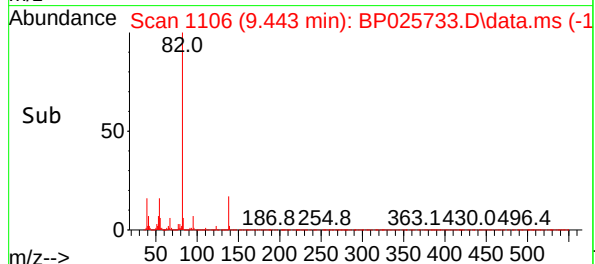
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



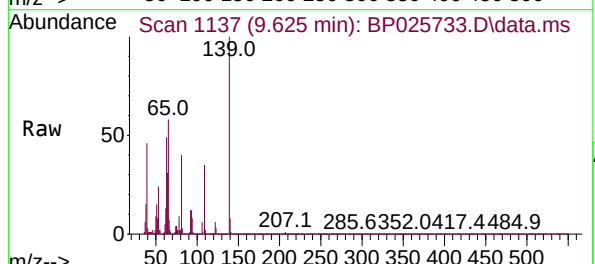
Tgt Ion: 82 Resp: 1138308
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.0 13.5 20.3

Manual Integrations
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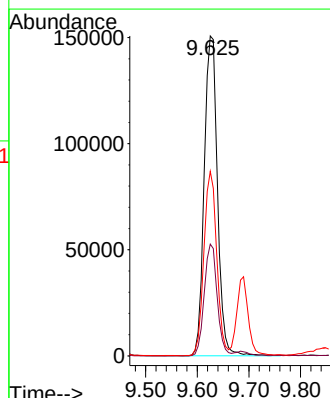
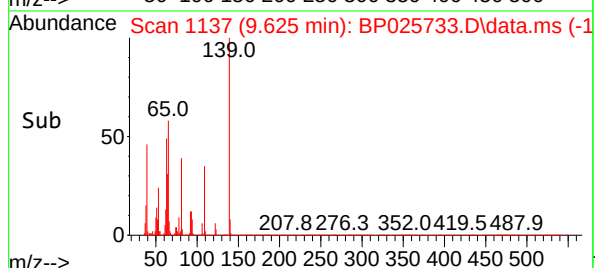
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

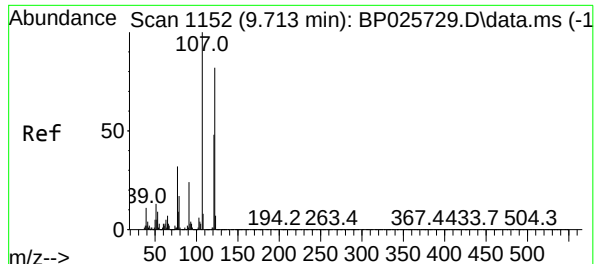


#26
2-Nitrophenol
Concen: 53.408 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



Tgt Ion:139 Resp: 269275
Ion Ratio Lower Upper
139 100
109 34.9 29.0 43.4
65 57.7 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 51.654 ng

RT: 9.690 min Scan# 1148

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:122 Resp: 45688

Ion Ratio Lower Upper

122 100

107 120.0 97.9 146.9

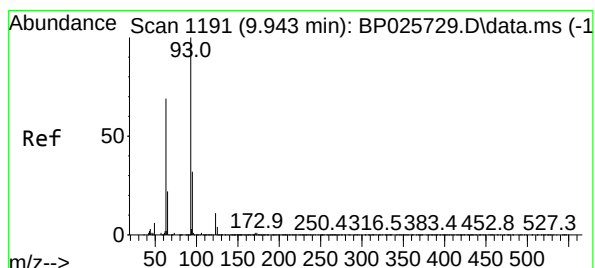
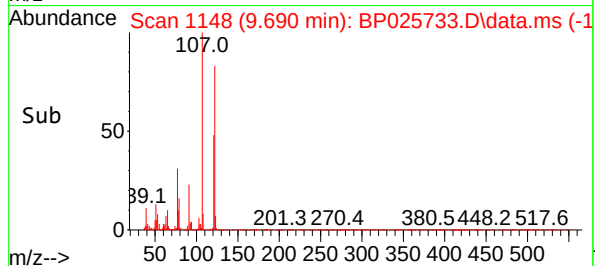
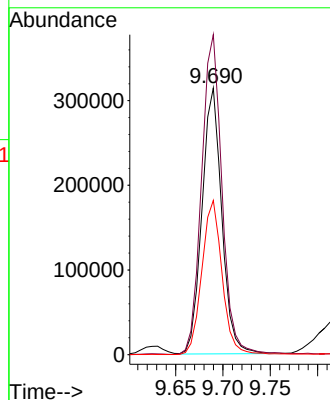
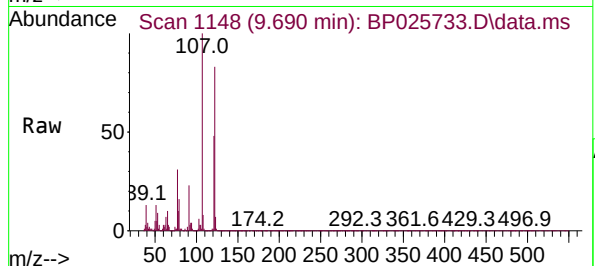
121 57.8 47.4 71.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 51.437 ng

RT: 9.919 min Scan# 1187

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

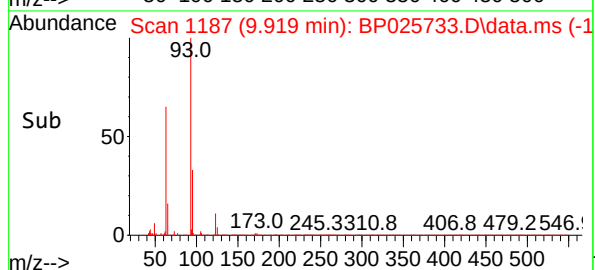
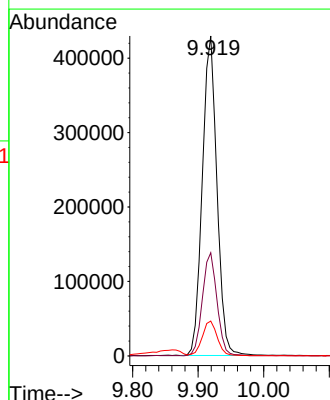
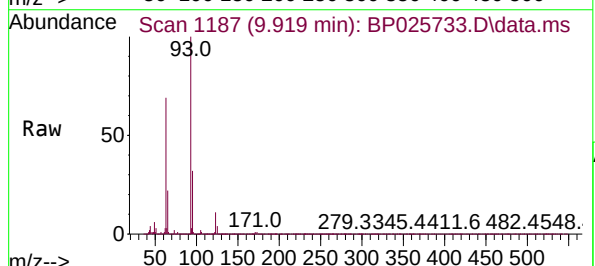
Tgt Ion: 93 Resp: 661544

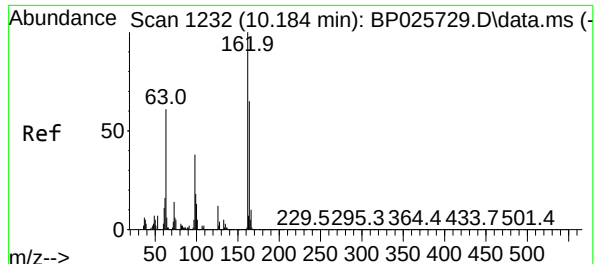
Ion Ratio Lower Upper

93 100

95 32.2 25.6 38.4

123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 53.298 ng

RT: 10.160 min Scan# 1228

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 470034

Ion Ratio Lower Upper

162 100

164 65.6 44.7 84.7

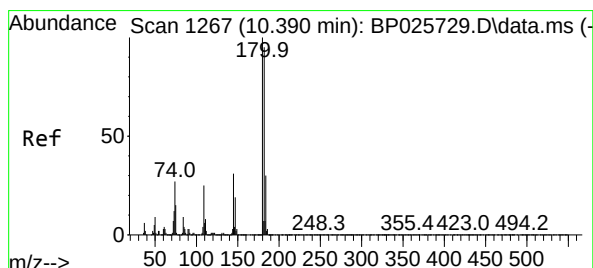
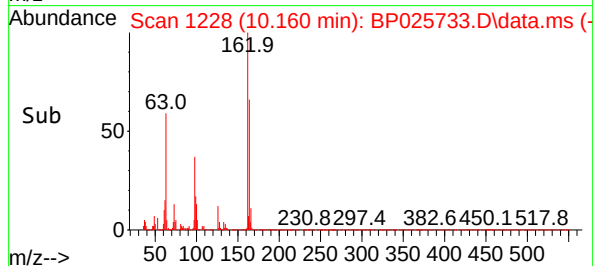
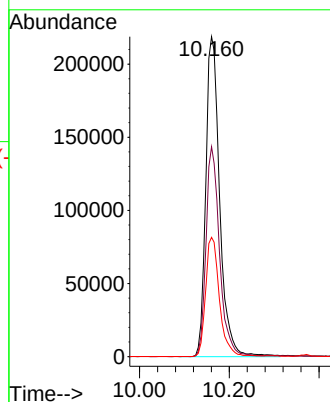
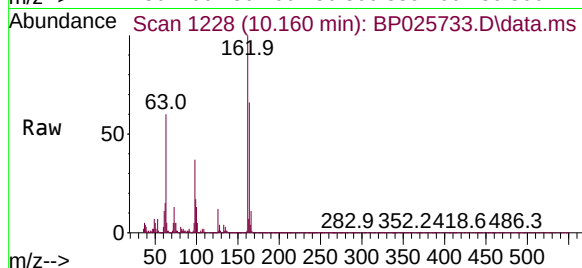
98 37.3 18.1 58.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 50.132 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.024 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

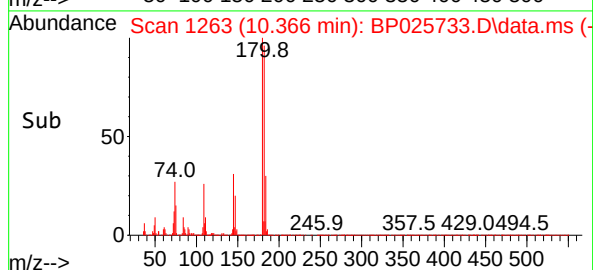
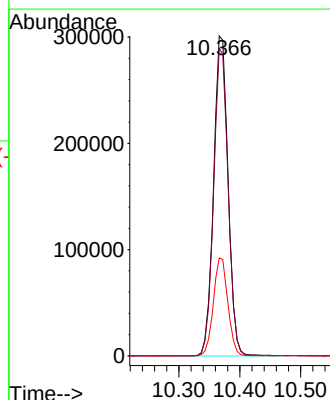
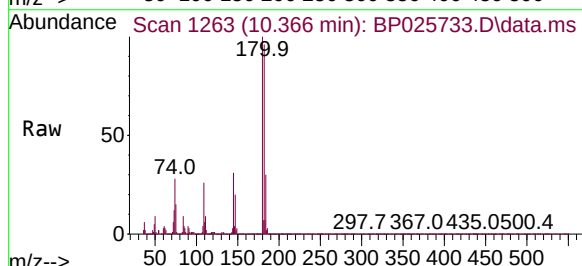
Tgt Ion:180 Resp: 498270

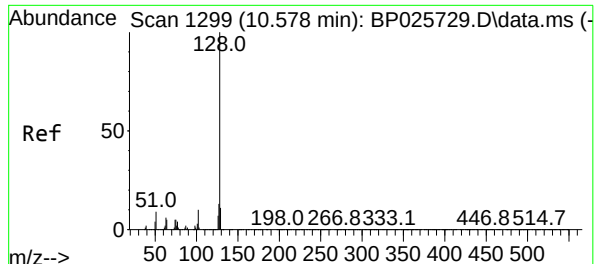
Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 30.6 24.7 37.1





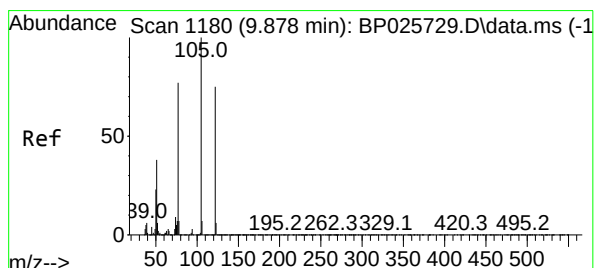
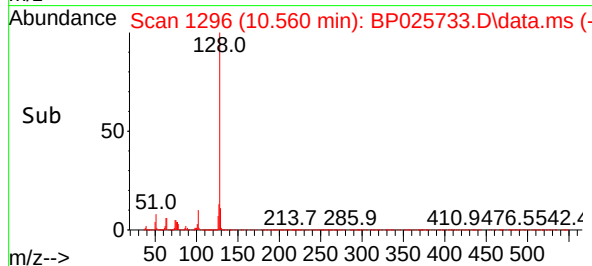
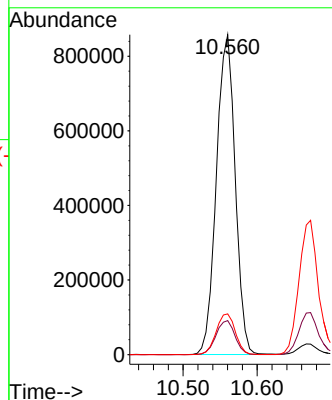
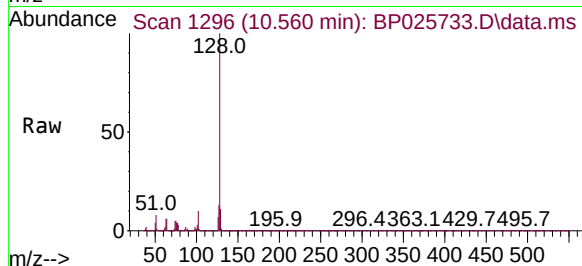
#31
Naphthalene
Concen: 50.255 ng
RT: 10.560 min Scan# 1178
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:128 Resp: 151308
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.7 10.2 15.4

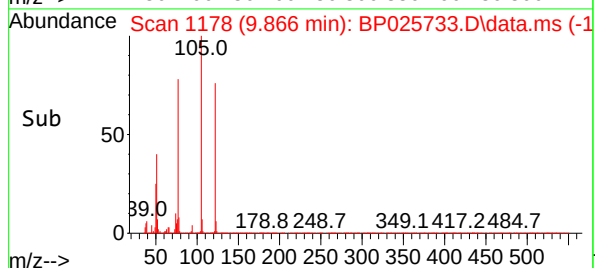
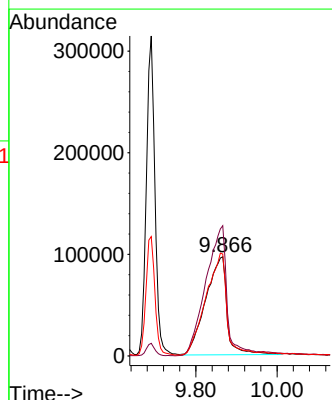
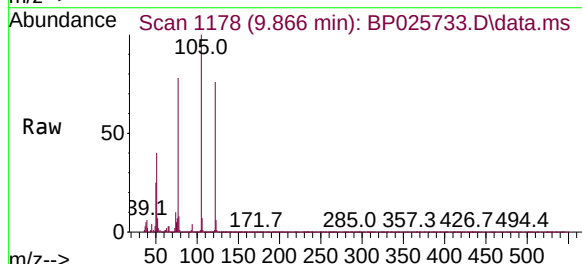
Manual Integrations
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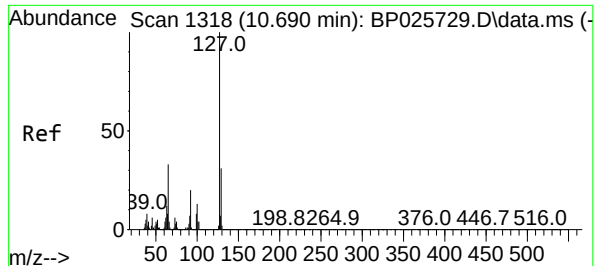
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 53.738 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

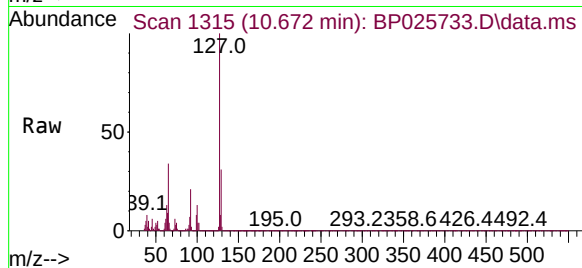
Tgt Ion:122 Resp: 353386
Ion Ratio Lower Upper
122 100
105 131.2 111.5 151.5
77 102.7 81.8 121.8





#33
4-Chloroaniline
Concen: 53.111 ng
RT: 10.672 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

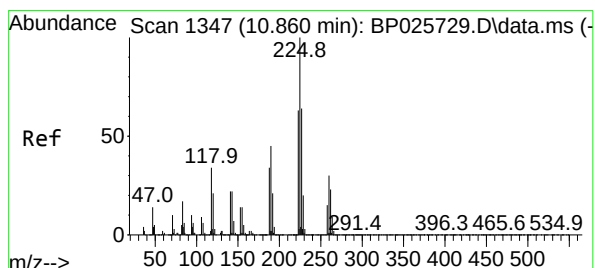
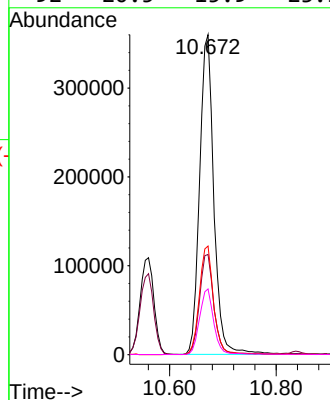
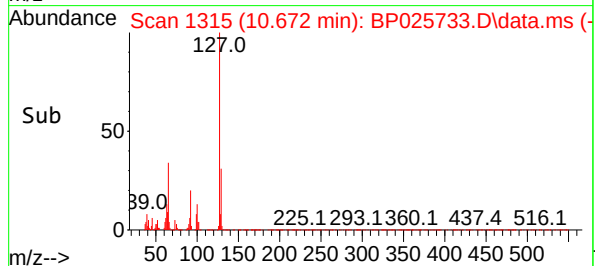
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:127 Resp: 666499
Ion Ratio Lower Upper
127 100
129 31.3 25.1 37.7
65 33.9 26.4 39.6
92 20.5 15.9 23.9

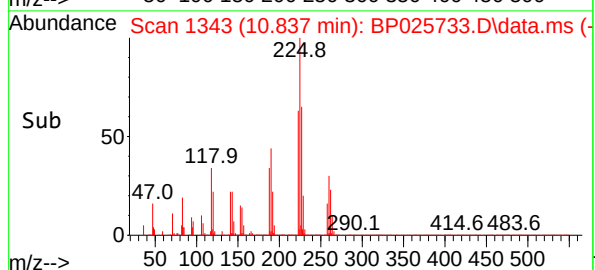
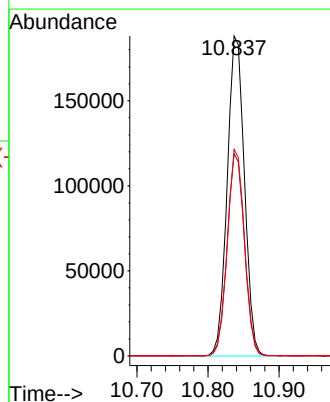
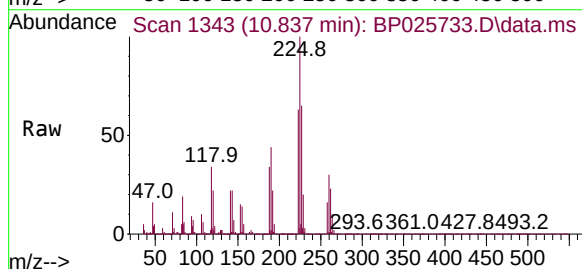
Manual Integrations
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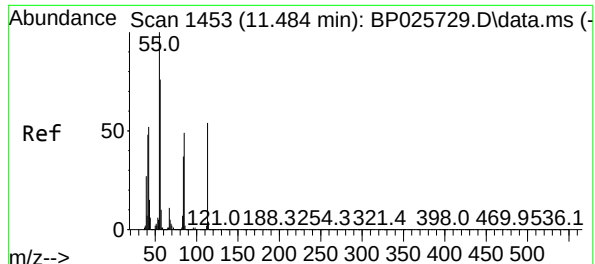
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 49.495 ng
RT: 10.837 min Scan# 1343
Delta R.T. -0.024 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:225 Resp: 316676
Ion Ratio Lower Upper
225 100
223 63.2 50.1 75.1
227 64.5 51.2 76.8





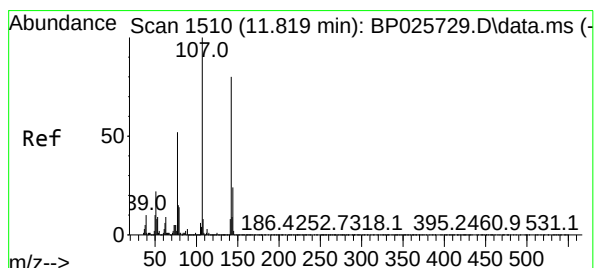
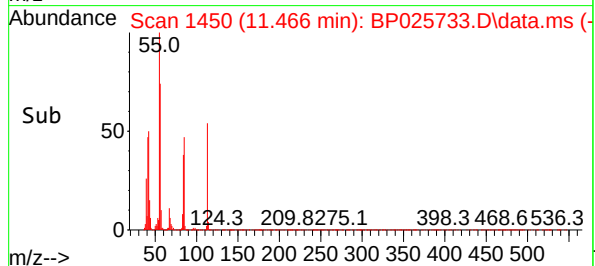
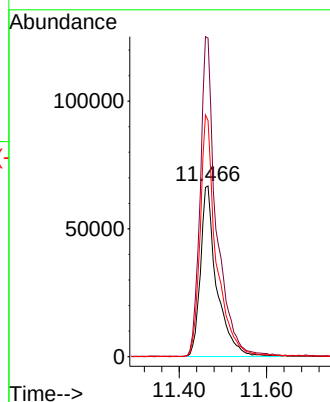
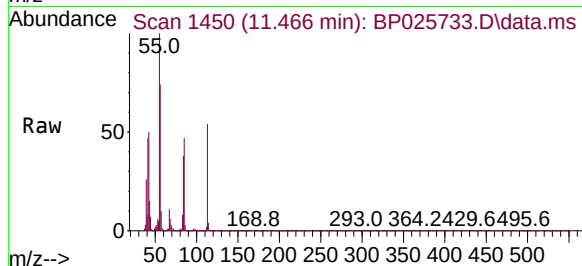
#35
Caprolactam
Concen: 50.713 ng
RT: 11.466 min Scan# 14
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:113 Resp: 172043
Ion Ratio Lower Upper
113 100
55 186.5 165.5 205.5
56 138.3 121.1 161.1

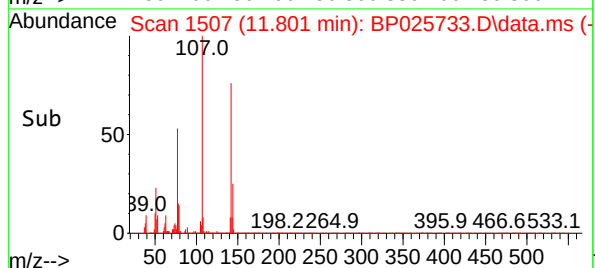
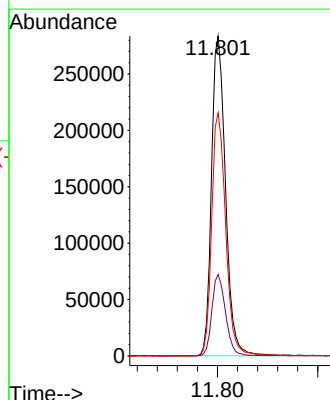
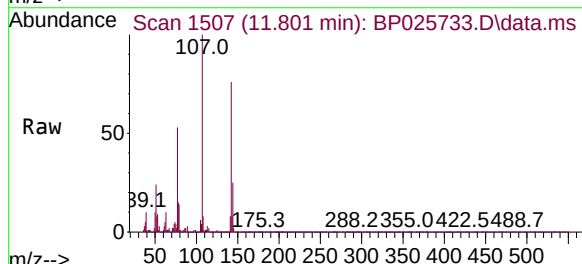
Manual Integrations
APPROVED

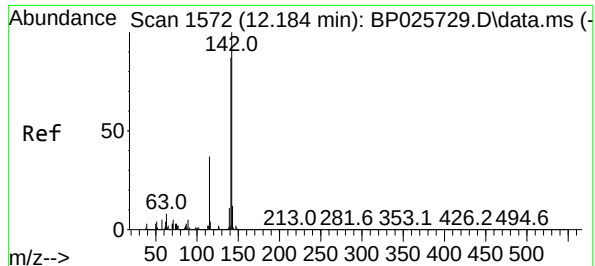
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 52.269 ng
RT: 11.801 min Scan# 1507
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:107 Resp: 549567
Ion Ratio Lower Upper
107 100
144 25.4 19.4 29.2
142 75.9 63.8 95.6





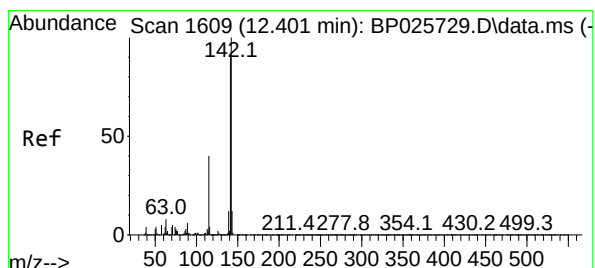
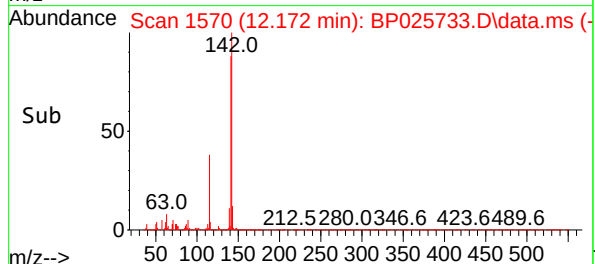
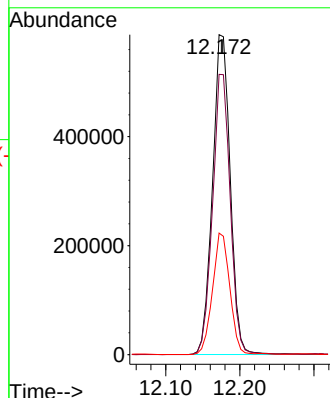
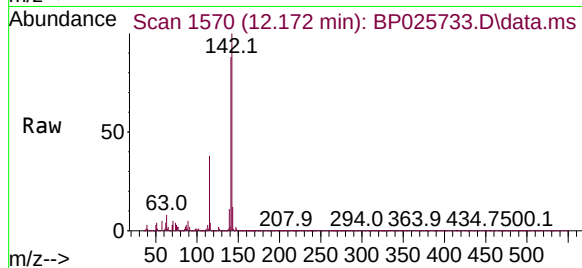
#37
2-Methylnaphthalene
Concen: 50.386 ng
RT: 12.172 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 974364
Ion Ratio Lower Upper
142 100
141 87.6 69.6 104.4
115 38.0 30.0 45.0

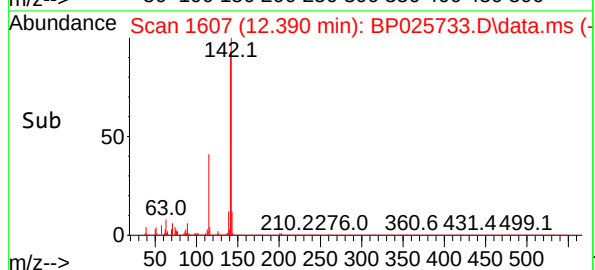
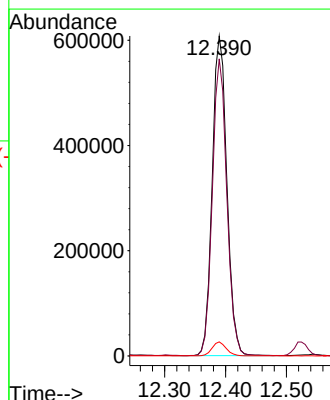
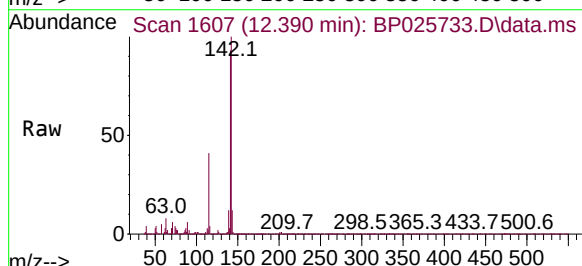
Manual Integrations
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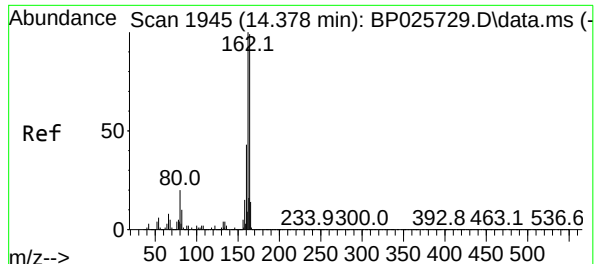
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 49.456 ng
RT: 12.390 min Scan# 1607
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:142 Resp: 1019849
Ion Ratio Lower Upper
142 100
141 92.8 72.7 109.1
116 4.4 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:164 Resp: 384529

Ion Ratio Lower Upper

164 100

162 99.2 80.6 120.8

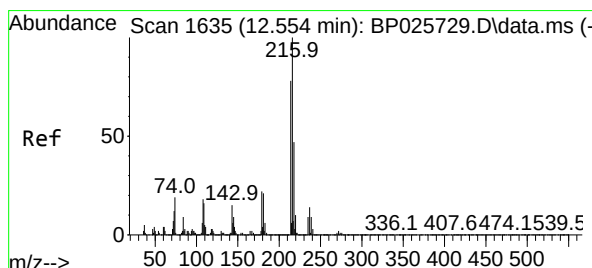
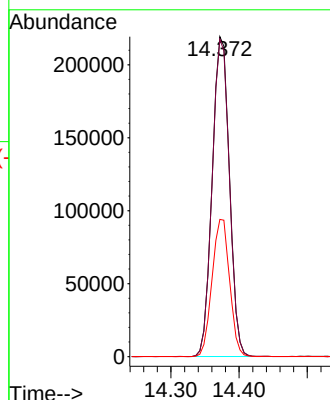
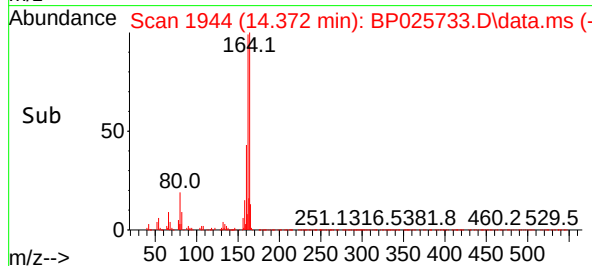
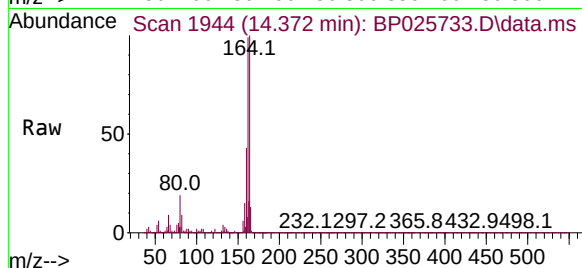
160 42.9 35.0 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.090 ng

RT: 12.543 min Scan# 1633

Delta R.T. -0.012 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Tgt Ion:216 Resp: 583660

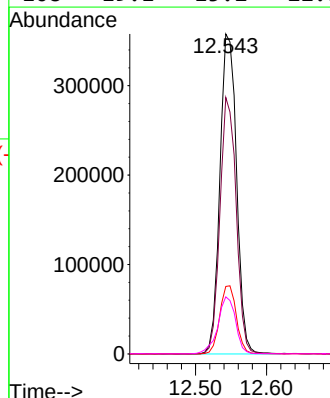
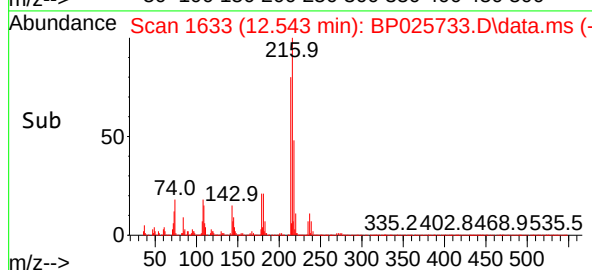
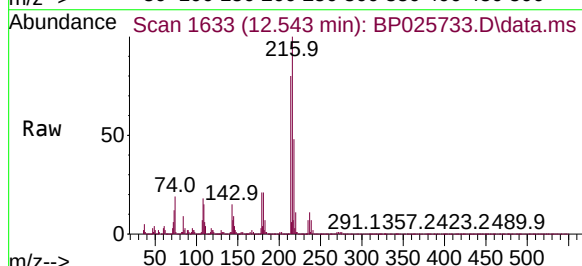
Ion Ratio Lower Upper

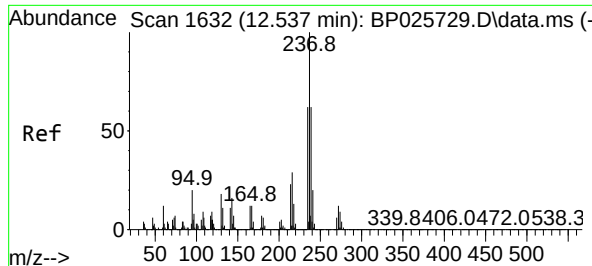
216 100

214 78.4 62.4 93.6

179 21.3 17.0 25.6

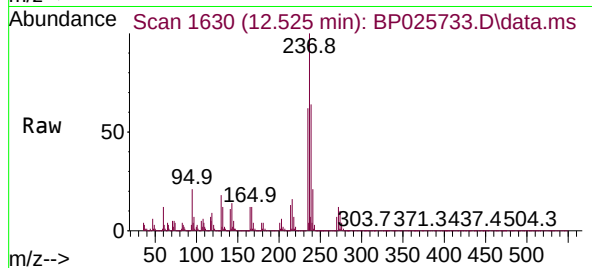
108 19.1 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 53.214 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

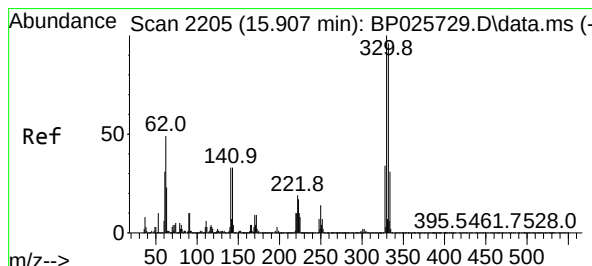
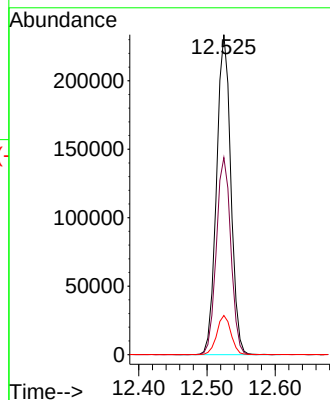
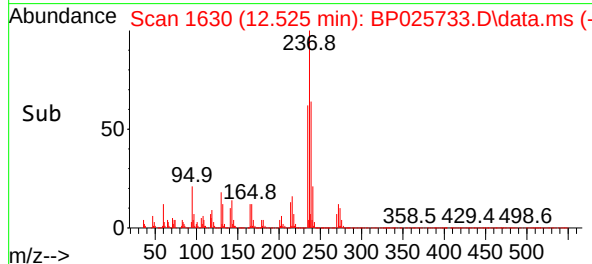
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



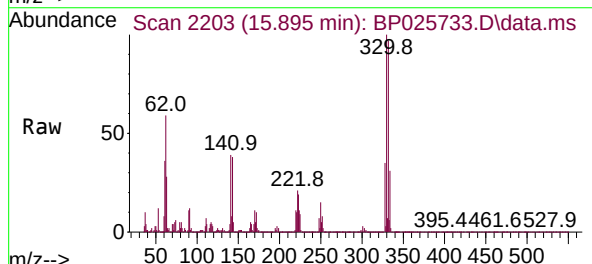
Tgt Ion: 237 Resp: 337711
Ion Ratio Lower Upper
237 100
235 61.6 41.9 81.9
272 12.2 0.0 31.8

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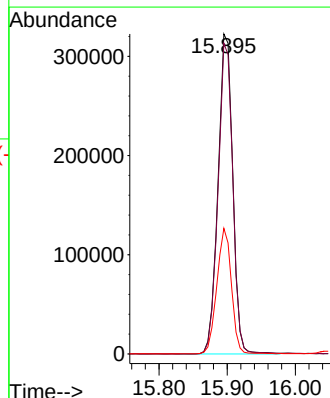
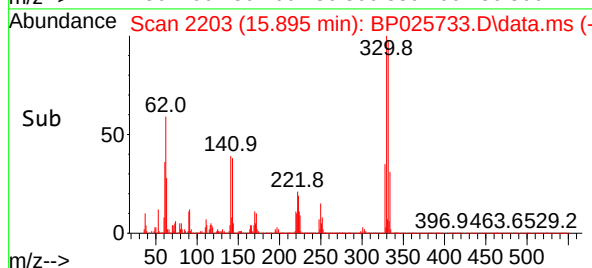
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

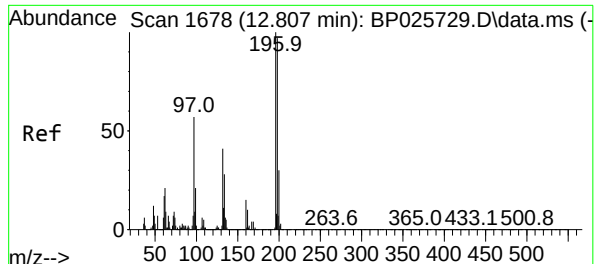


#42
2,4,6-Tribromophenol
Concen: 100.273 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



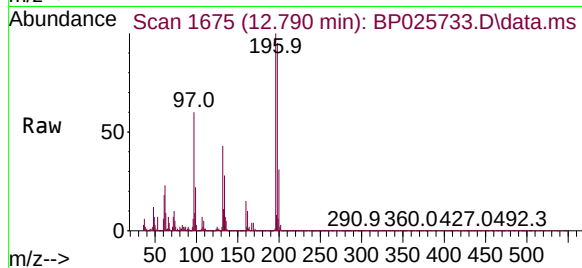
Tgt Ion: 330 Resp: 480931
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 38.9 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 51.389 ng
RT: 12.790 min Scan# 1675
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

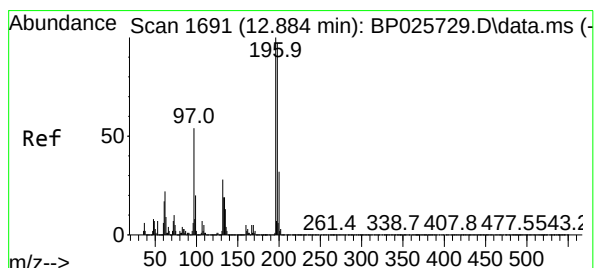
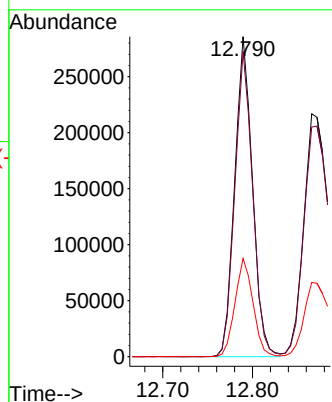
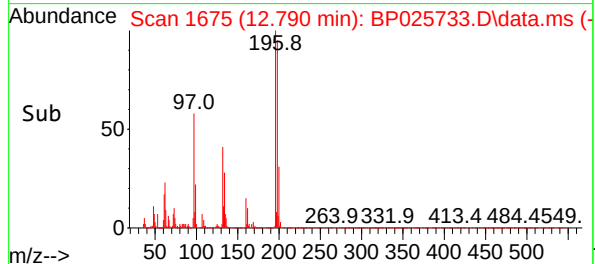
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



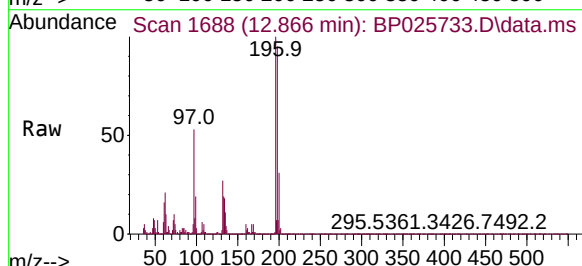
Tgt Ion:196 Resp: 39364
Ion Ratio Lower Upper
196 100
198 95.4 77.2 115.8
200 30.7 24.2 36.2

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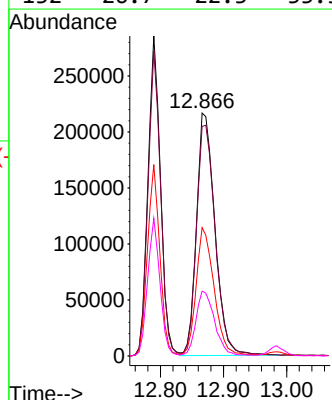
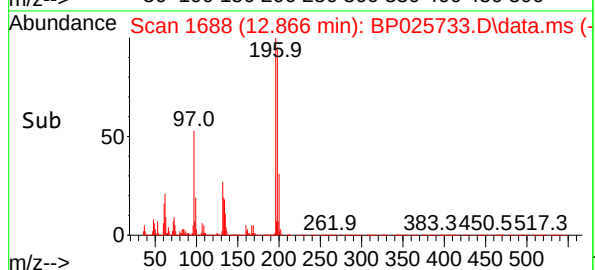
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

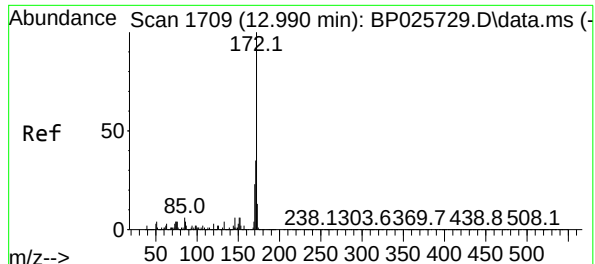


#44
2,4,5-Trichlorophenol
Concen: 51.765 ng
RT: 12.866 min Scan# 1688
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



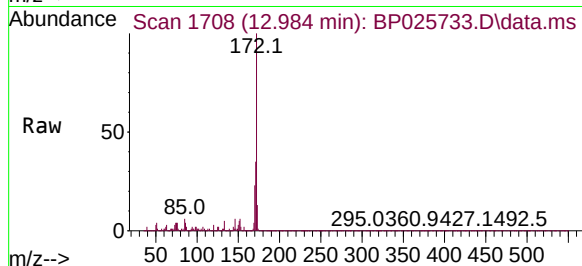
Tgt Ion:196 Resp: 441307
Ion Ratio Lower Upper
196 100
198 94.6 77.8 116.8
97 52.8 43.3 64.9
132 26.7 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 98.461 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

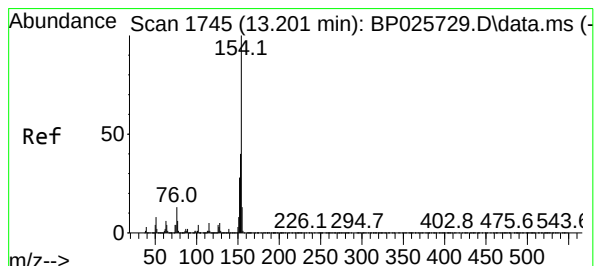
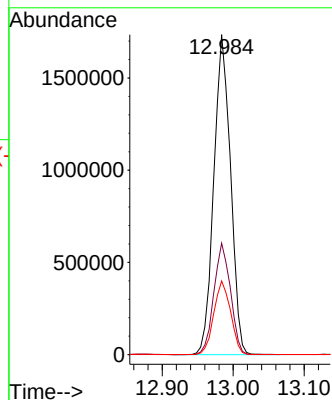
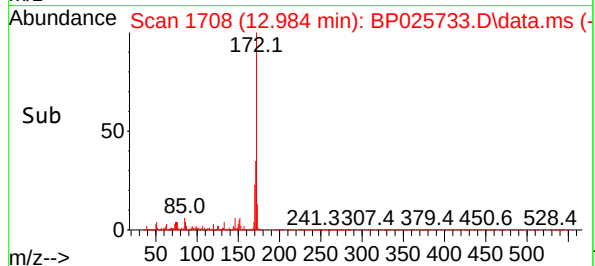
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



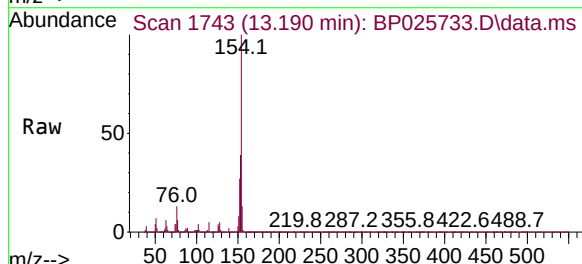
Tgt Ion:172 Resp: 2843494
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.0 18.6 27.8

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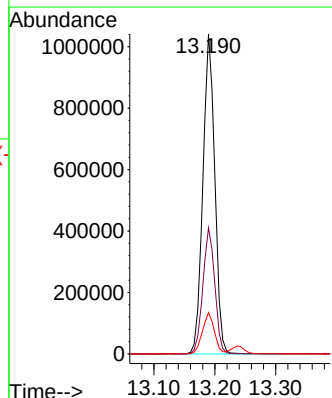
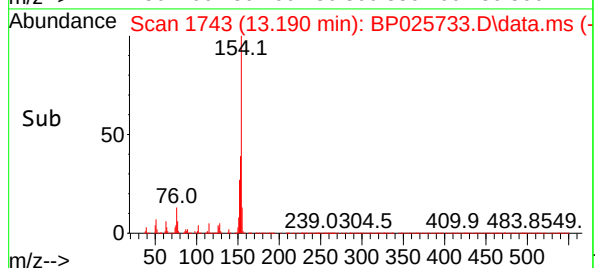
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

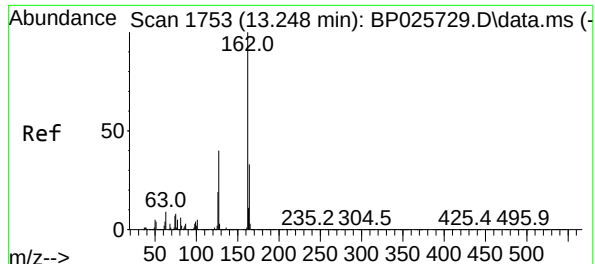


#46
1,1'-Biphenyl
Concen: 49.905 ng
RT: 13.190 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



Tgt Ion:154 Resp: 1408553
Ion Ratio Lower Upper
154 100
153 39.4 19.7 59.7
76 12.9 0.0 33.3





#47

2-Chloronaphthalene

Concen: 50.347 ng

RT: 13.237 min Scan# 1751

Delta R.T. -0.012 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 1118909

Ion Ratio Lower Upper

162 100

127 41.5 32.2 48.4

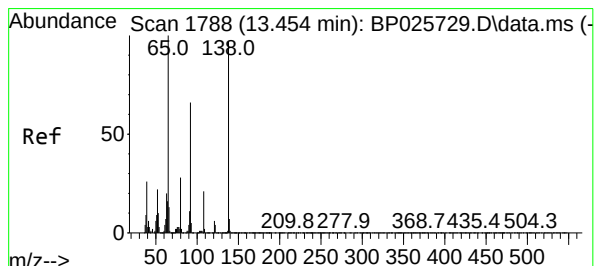
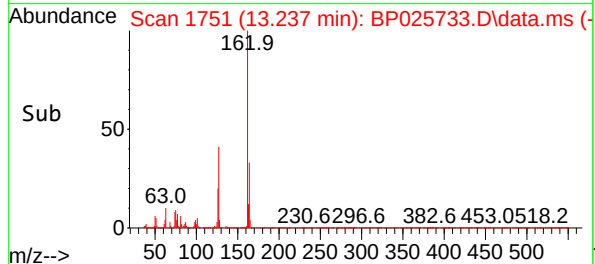
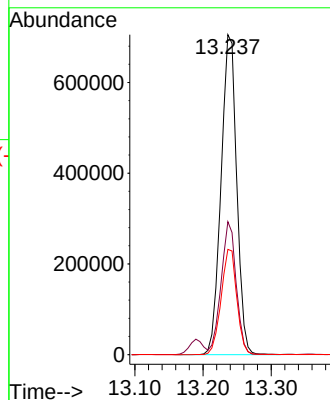
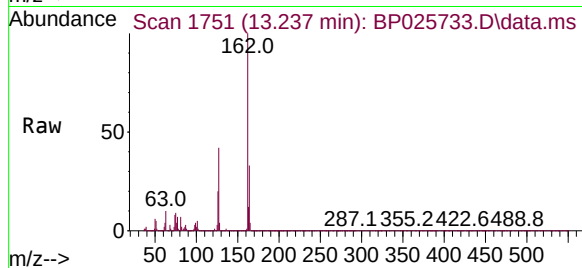
164 32.9 26.5 39.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 51.799 ng

RT: 13.448 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

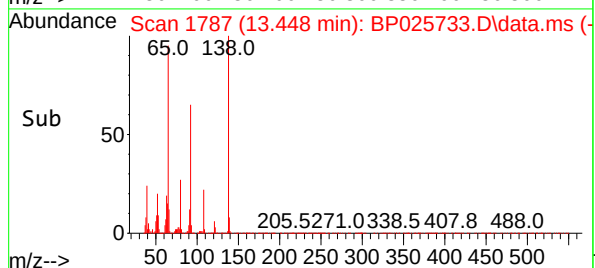
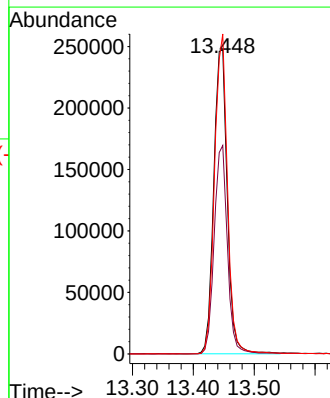
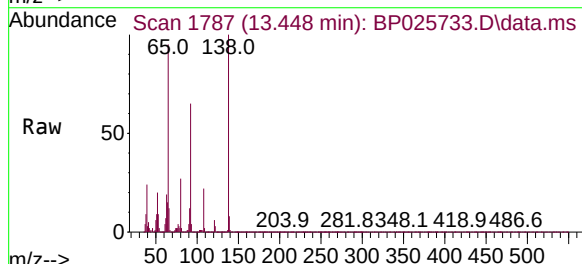
Tgt Ion: 65 Resp: 383740

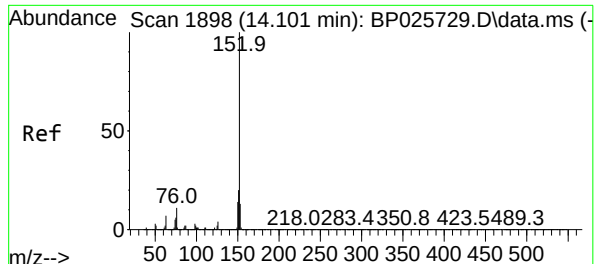
Ion Ratio Lower Upper

65 100

92 68.6 53.1 79.7

138 105.3 77.8 116.8





#49

Acenaphthylene

Concen: 49.702 ng

RT: 14.095 min Scan# 1897

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:152 Resp: 1830164

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

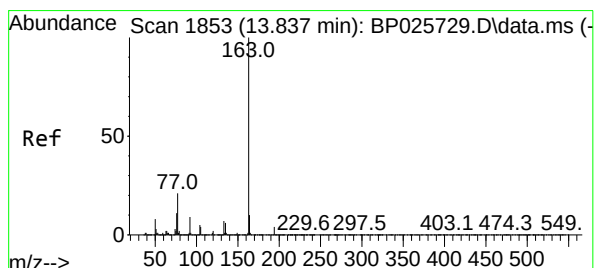
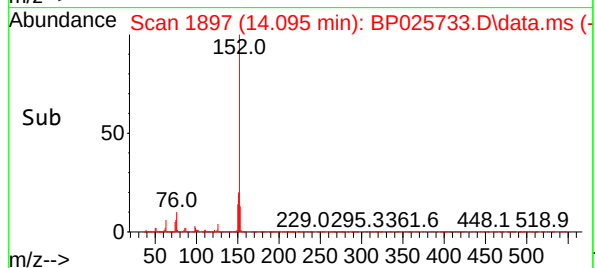
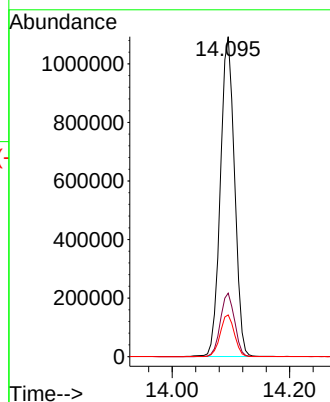
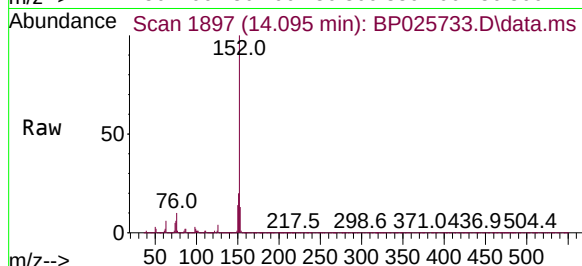
153 13.0 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 48.895 ng

RT: 13.831 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

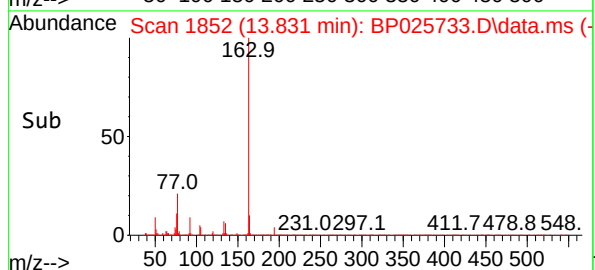
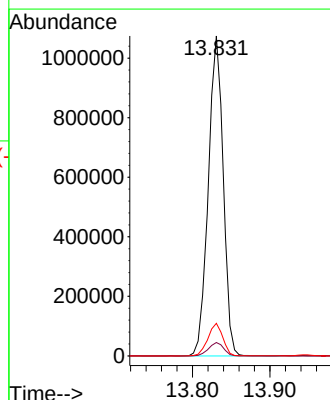
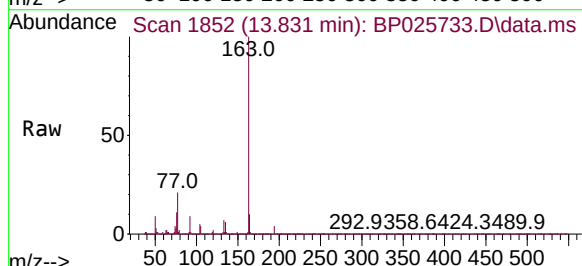
Tgt Ion:163 Resp: 1435428

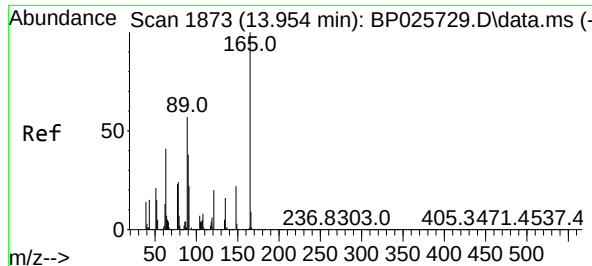
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.2 8.2 12.2





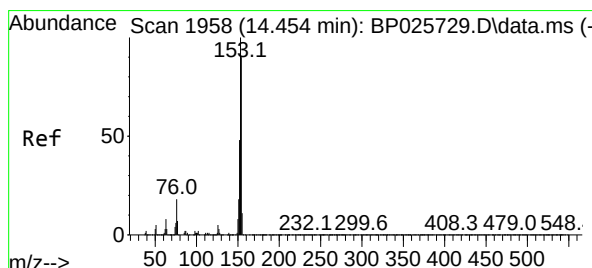
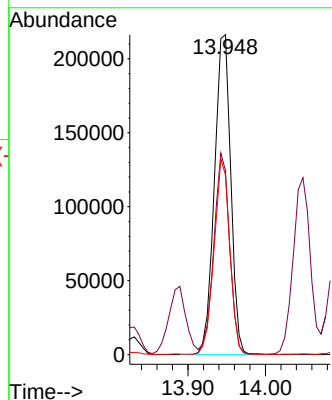
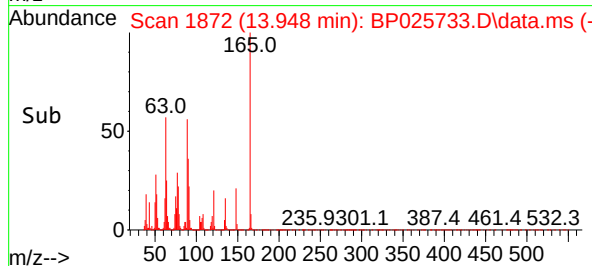
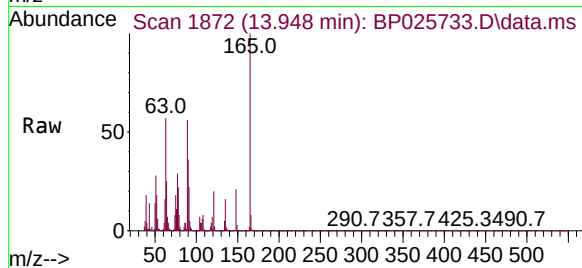
#51
2,6-Dinitrotoluene
Concen: 50.904 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 316613
Ion Ratio Lower Upper
165 100
63 57.5 48.1 72.1
89 56.1 45.4 68.0

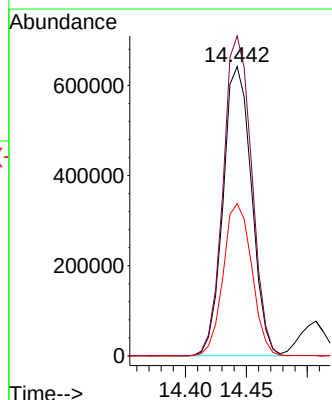
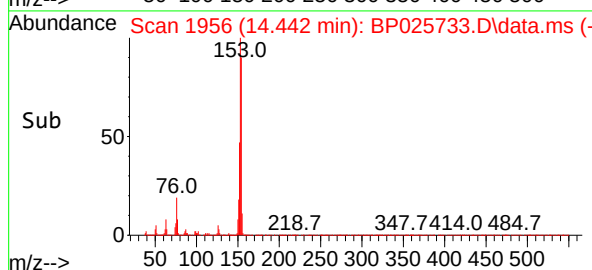
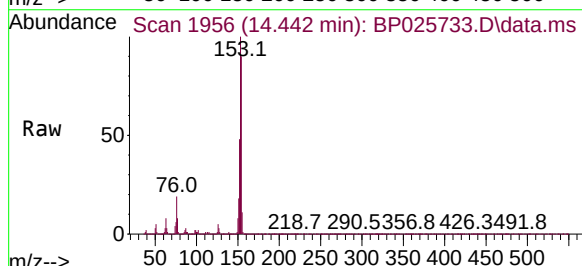
Manual Integrations
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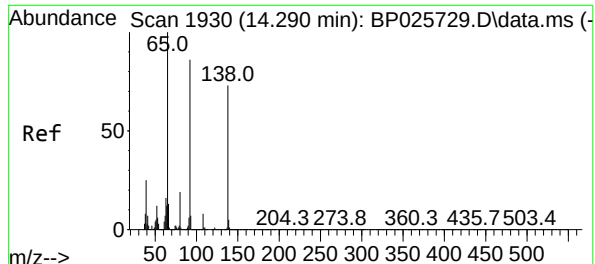
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 49.094 ng
RT: 14.442 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

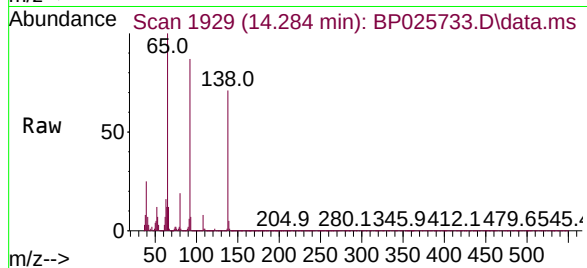
Tgt Ion:154 Resp: 1042525
Ion Ratio Lower Upper
154 100
153 110.6 89.4 134.0
152 52.6 42.5 63.7





#53
3-Nitroaniline
Concen: 52.561 ng
RT: 14.284 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

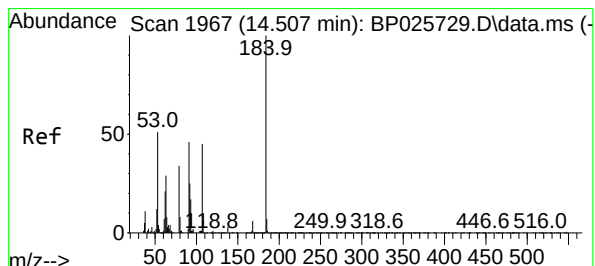
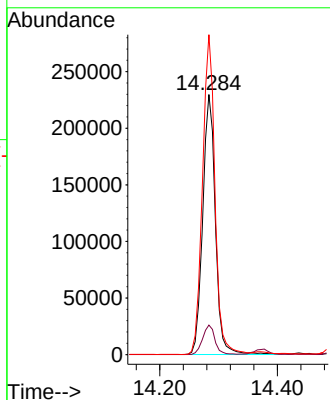
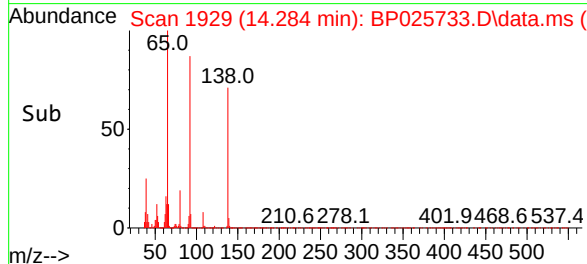
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:138 Resp: 343785
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 123.0 94.6 142.0

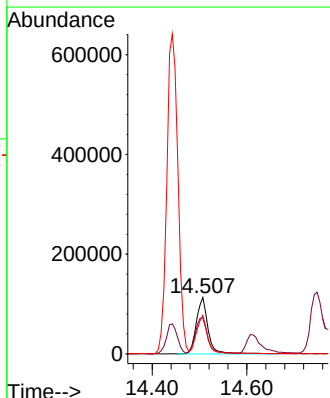
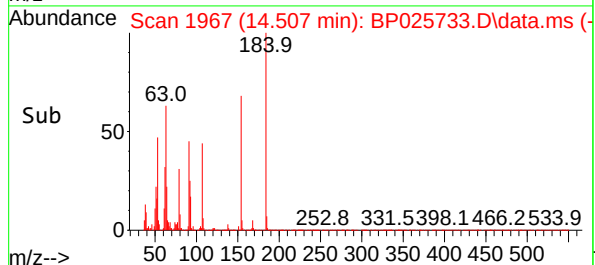
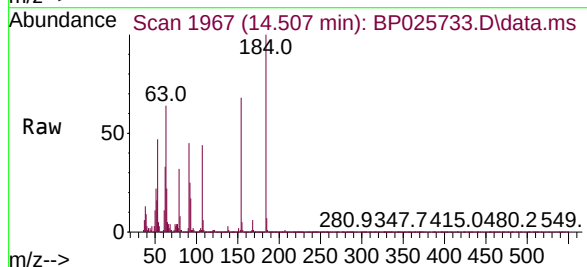
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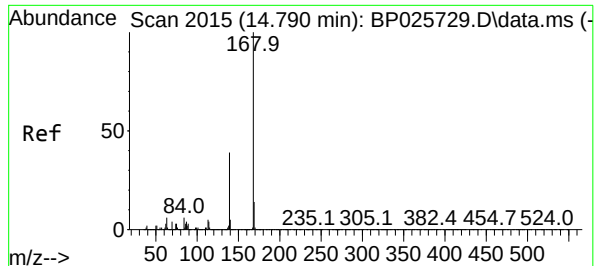
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 49.740 ng
RT: 14.507 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:184 Resp: 193294
Ion Ratio Lower Upper
184 100
63 63.7 52.5 78.7
154 68.1 51.5 77.3





#55

Dibenzenofuran

Concen: 49.045 ng

RT: 14.784 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:168 Resp: 1697428

Ion Ratio Lower Upper

168 100

139 37.9 31.7 47.5

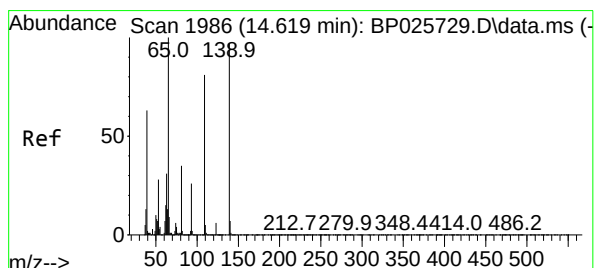
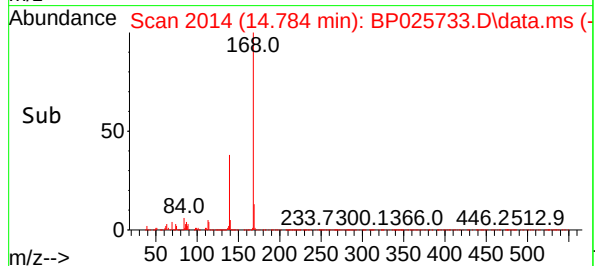
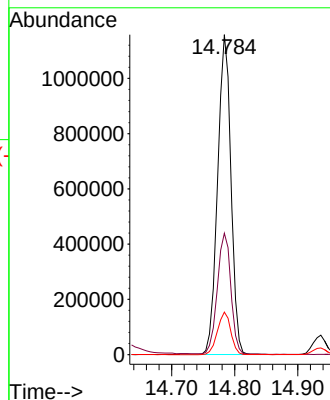
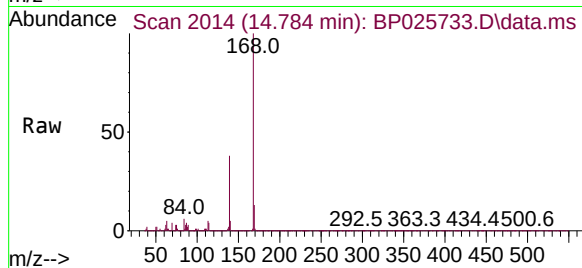
169 13.3 10.8 16.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#56

4-Nitrophenol

Concen: 48.388 ng

RT: 14.613 min Scan# 1985

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

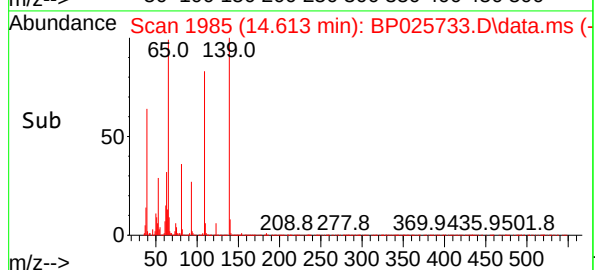
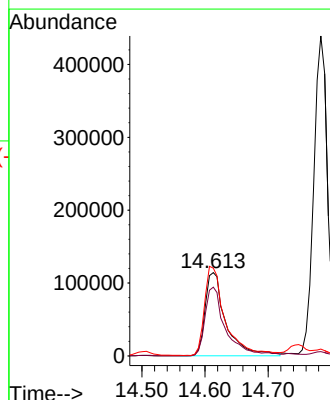
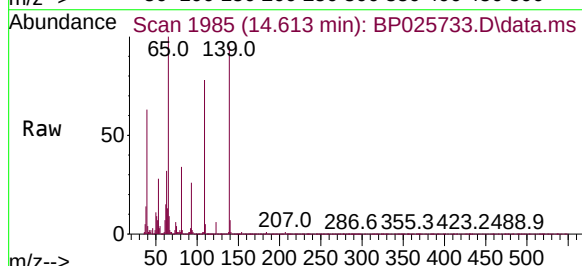
Tgt Ion:139 Resp: 261984

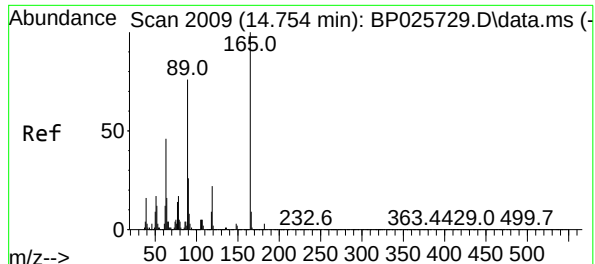
Ion Ratio Lower Upper

139 100

109 82.6 62.9 102.9

65 105.5 83.4 123.4





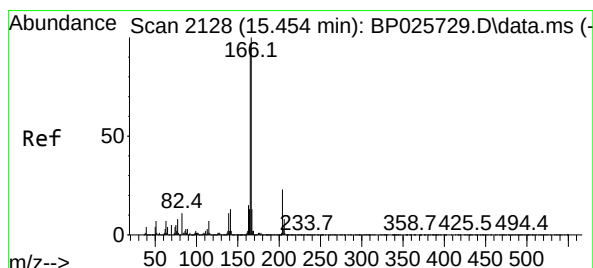
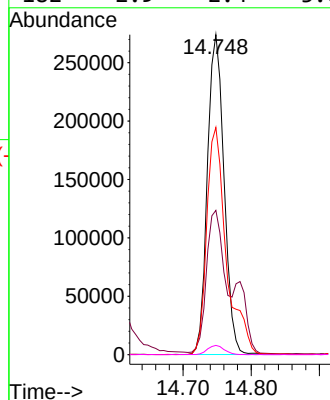
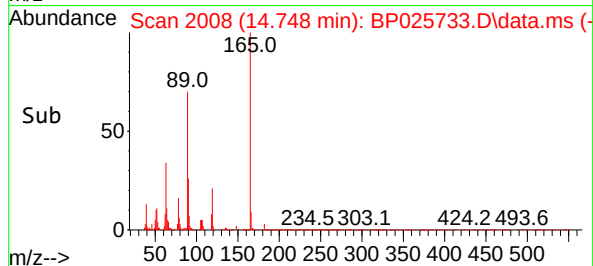
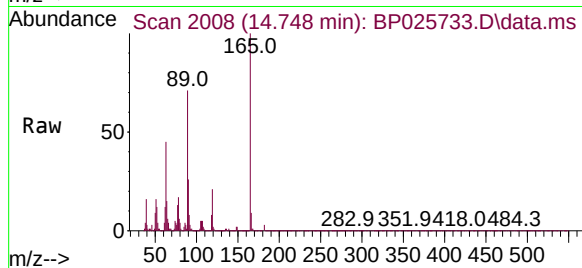
#57
2,4-Dinitrotoluene
Concen: 52.562 ng
RT: 14.748 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:165 Resp: 465265
Ion Ratio Lower Upper
165 100
63 45.1 37.7 56.5
89 71.0 61.0 91.6
182 2.9 2.4 3.6

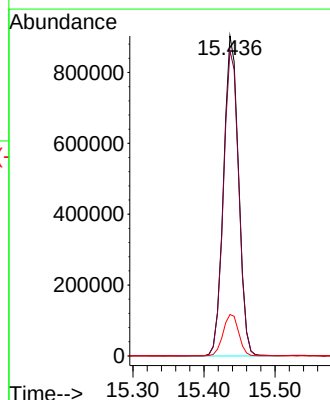
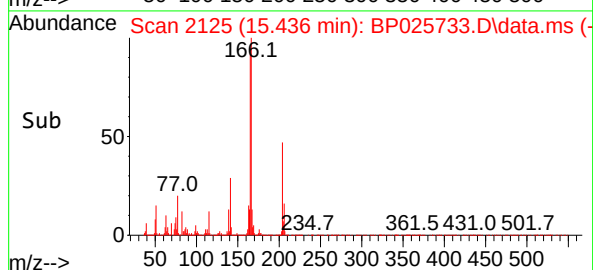
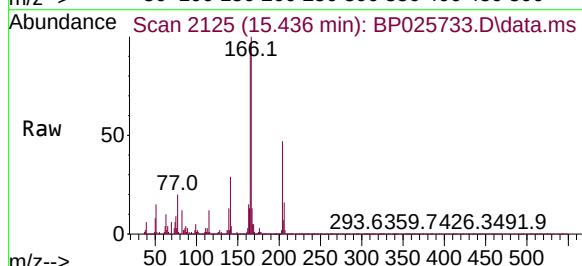
Manual Integrations
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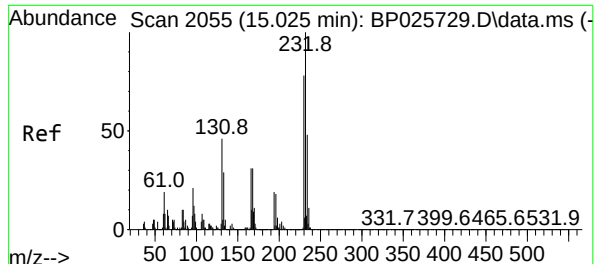
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 48.387 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:166 Resp: 1331644
Ion Ratio Lower Upper
166 100
165 95.4 77.7 116.5
167 12.9 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.625 ng

RT: 15.013 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:232 Resp: 388785

Ion Ratio Lower Upper

232 100

131 45.7 36.7 55.1

130 2.5 2.0 3.0

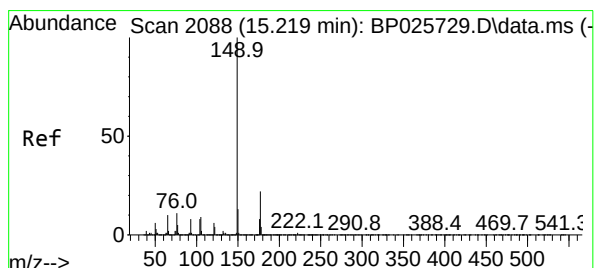
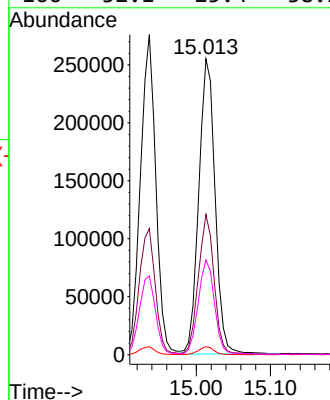
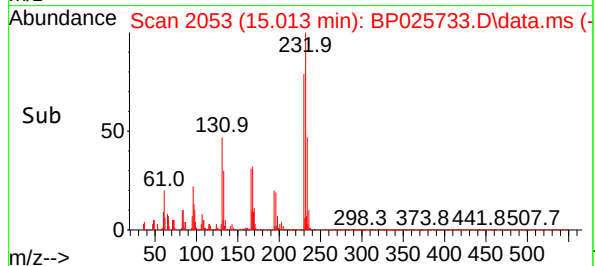
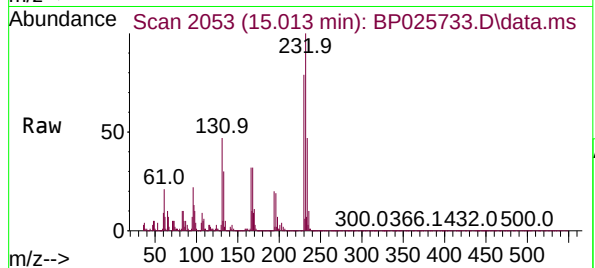
166 32.1 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 49.018 ng

RT: 15.219 min Scan# 2088

Delta R.T. -0.000 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

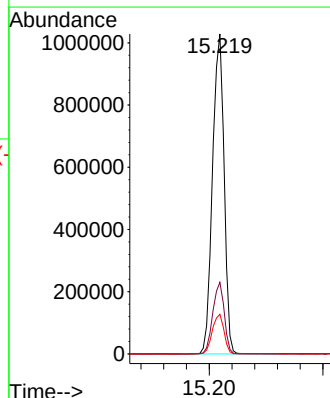
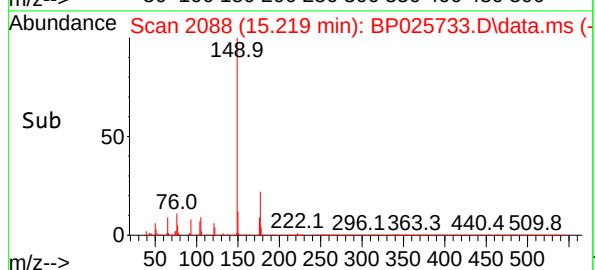
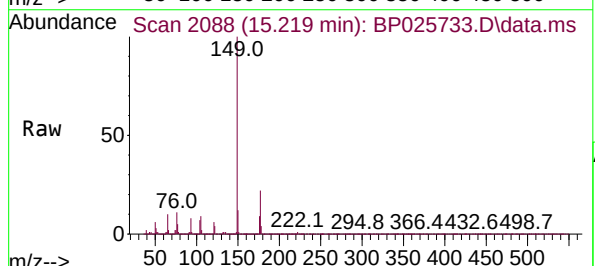
Tgt Ion:149 Resp: 1459705

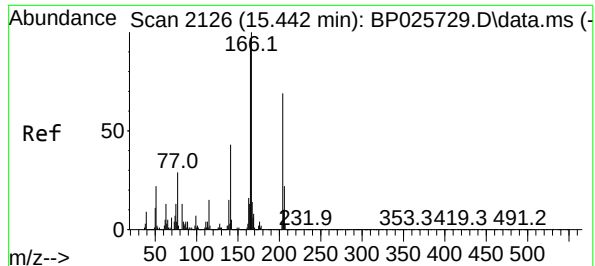
Ion Ratio Lower Upper

149 100

177 22.4 17.7 26.5

150 12.4 10.0 15.0





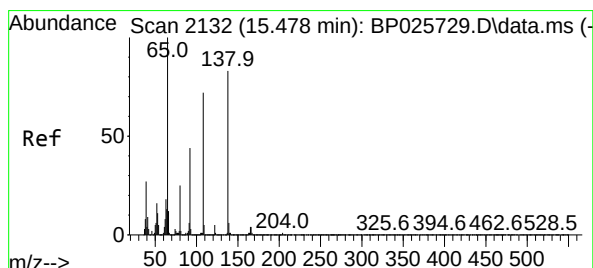
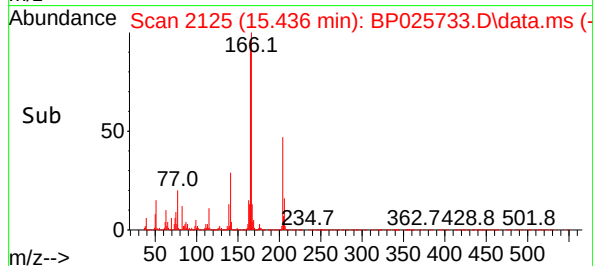
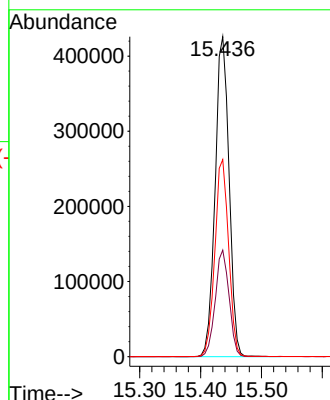
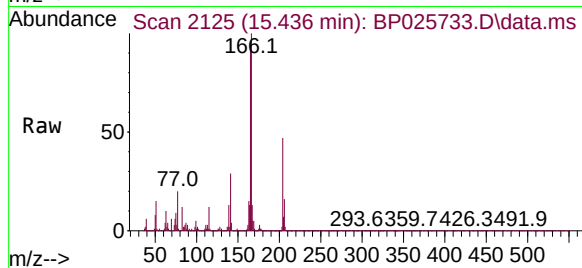
#61
4-Chlorophenyl-phenylether
Concen: 48.790 ng
RT: 15.436 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 676700
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 61.6 49.7 74.5

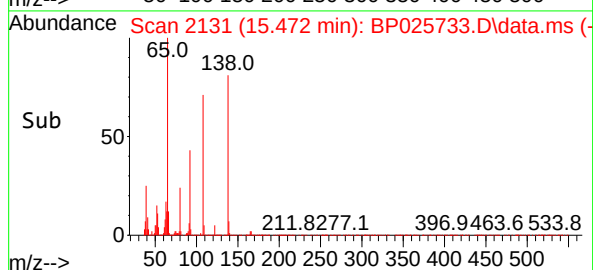
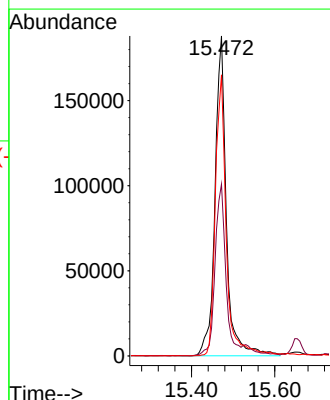
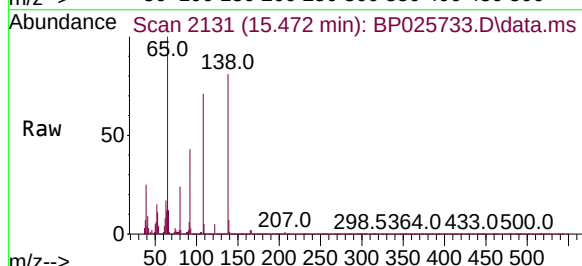
Manual Integrations
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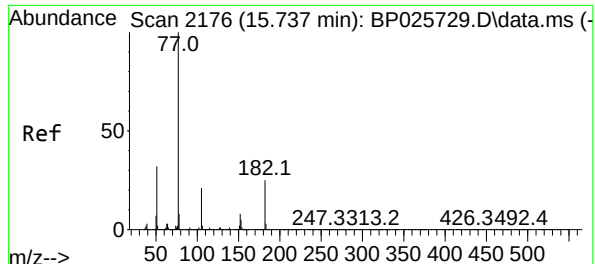
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 53.605 ng
RT: 15.472 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

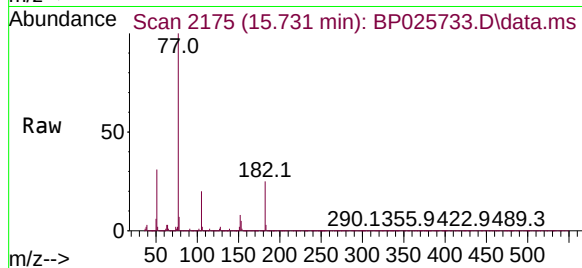
Tgt Ion:138 Resp: 358915
Ion Ratio Lower Upper
138 100
92 53.7 33.3 73.3
108 87.8 66.7 106.7





#63
Azobenzene
Concen: 50.428 ng
RT: 15.731 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

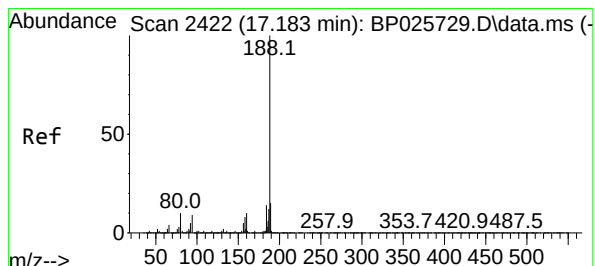
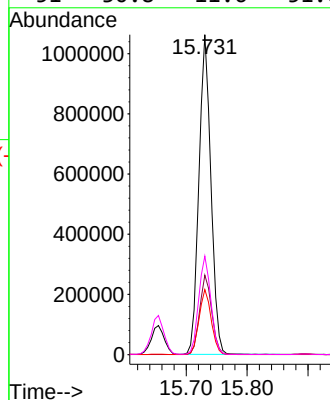
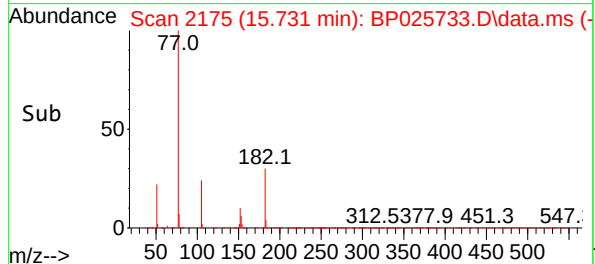
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion: 77 Resp: 1452024
Ion Ratio Lower Upper
77 100
182 24.8 5.2 45.2
105 20.3 1.1 41.1
51 30.8 11.6 51.6

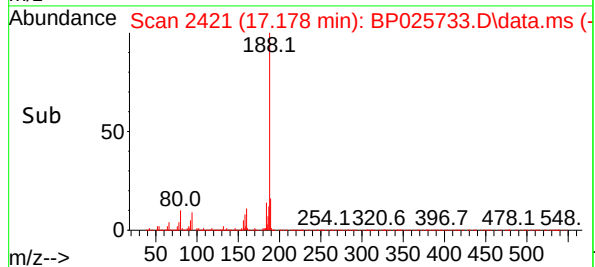
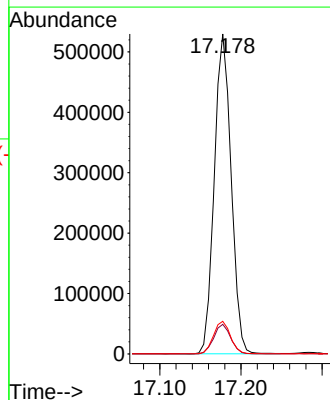
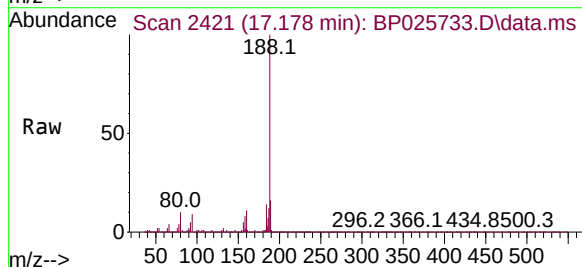
Manual Integrations
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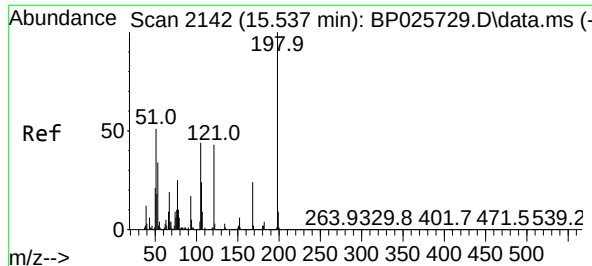
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:188 Resp: 764105
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.2 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 53.609 ng

RT: 15.531 min Scan# 2142

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:198 Resp: 272418

Ion Ratio Lower Upper

198 100

51 50.9 33.4 73.4

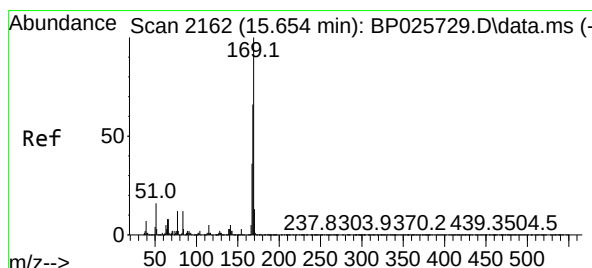
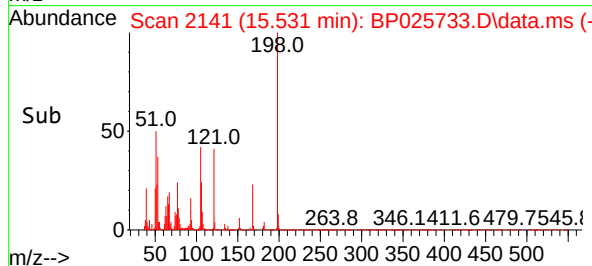
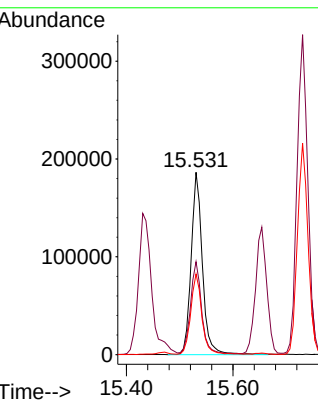
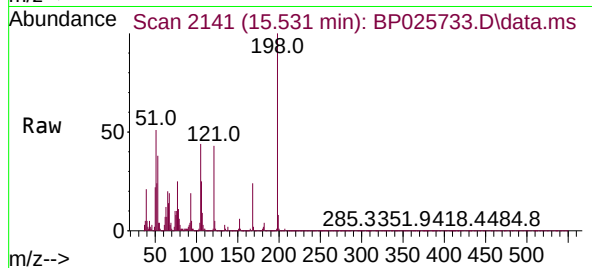
105 44.2 24.3 64.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 51.304 ng

RT: 15.654 min Scan# 2162

Delta R.T. -0.000 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

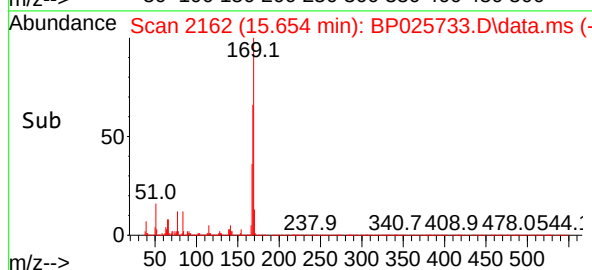
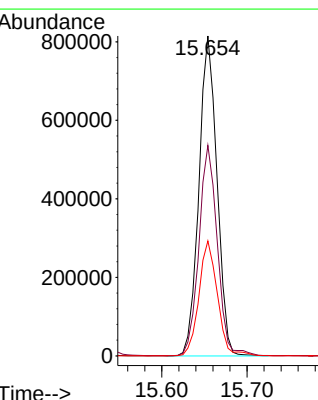
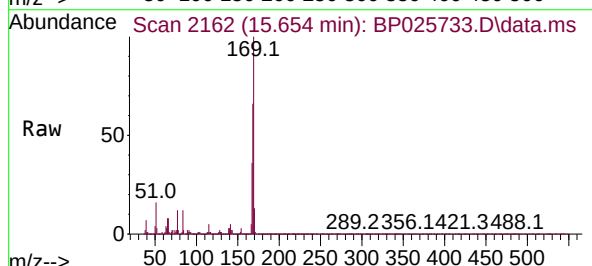
Tgt Ion:169 Resp: 1199673

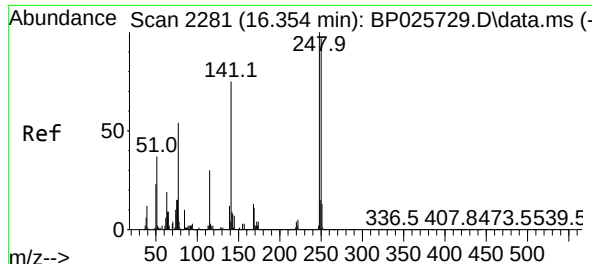
Ion Ratio Lower Upper

169 100

168 65.8 52.6 78.8

167 35.9 28.5 42.7





#67

4-Bromophenyl-phenylether

Concen: 51.458 ng

RT: 16.354 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:248 Resp: 431960

Ion Ratio Lower Upper

248 100

250 97.3 77.5 116.3

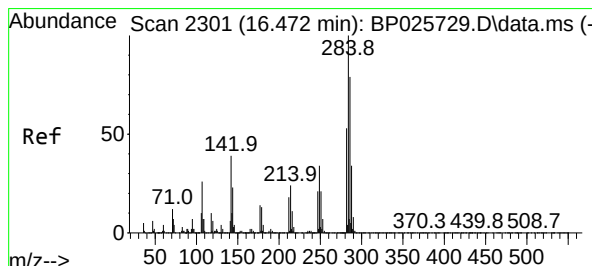
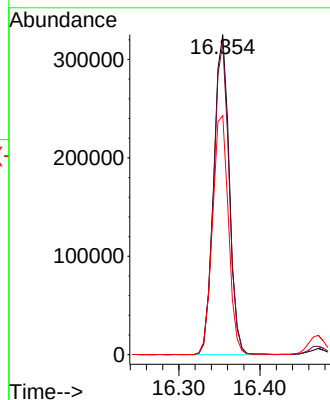
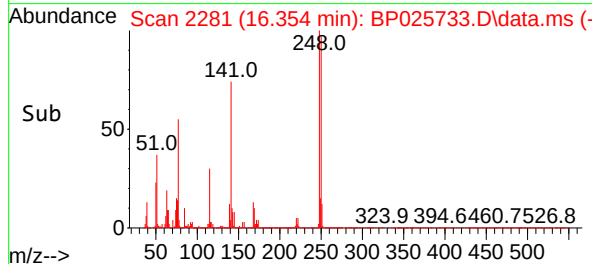
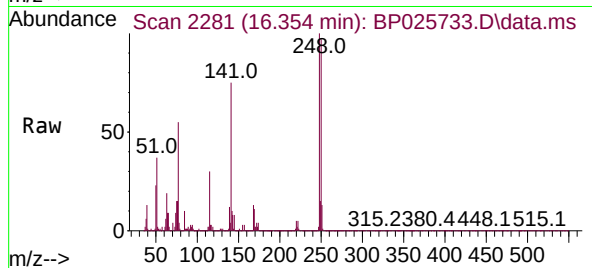
141 74.7 60.2 90.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#68

Hexachlorobenzene

Concen: 50.667 ng

RT: 16.472 min Scan# 2301

Delta R.T. -0.000 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

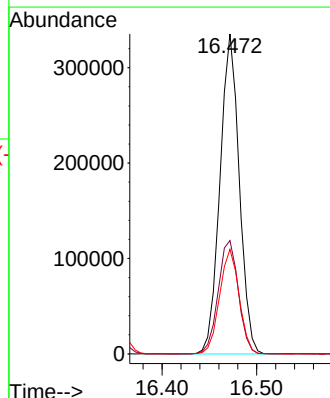
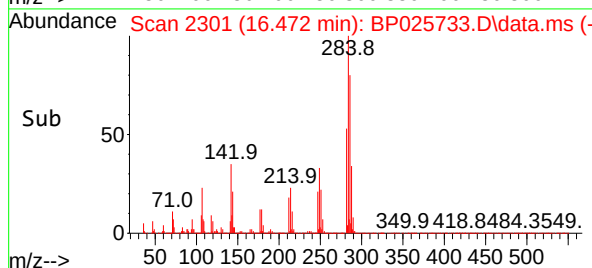
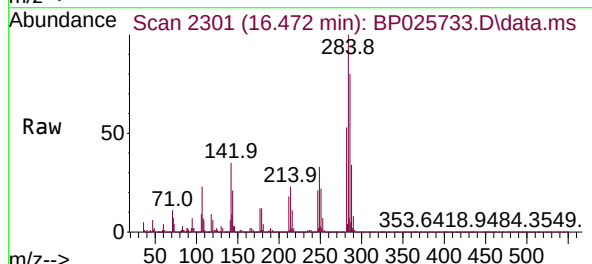
Tgt Ion:284 Resp: 474297

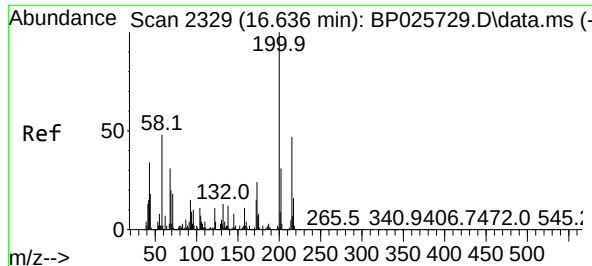
Ion Ratio Lower Upper

284 100

142 35.4 31.3 46.9

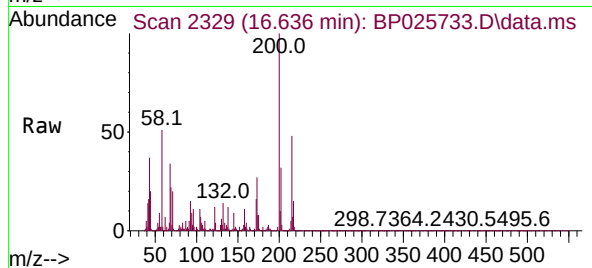
249 32.7 27.3 40.9





#69
Atrazine
Concen: 51.256 ng
RT: 16.636 min Scan# 2329
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

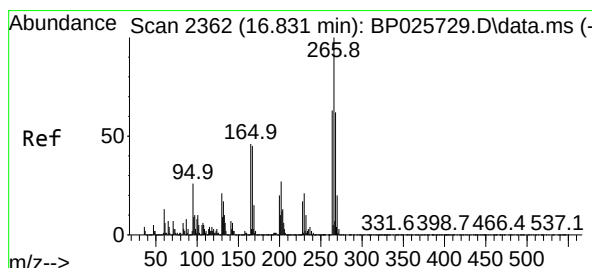
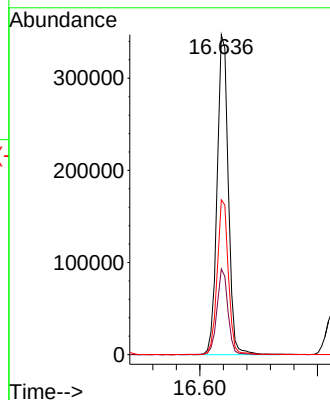
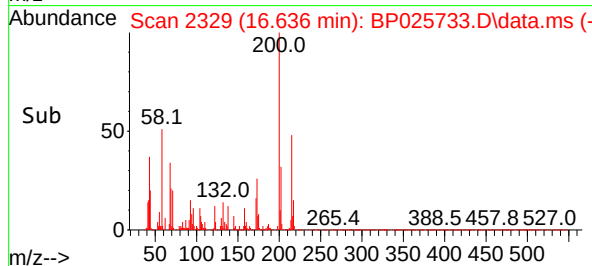
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



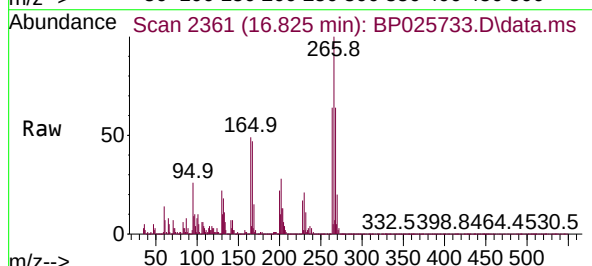
Tgt Ion:200 Resp: 458144
Ion Ratio Lower Upper
200 100
173 26.8 4.2 44.2
215 48.4 27.3 67.3

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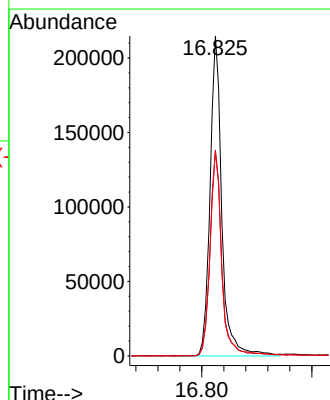
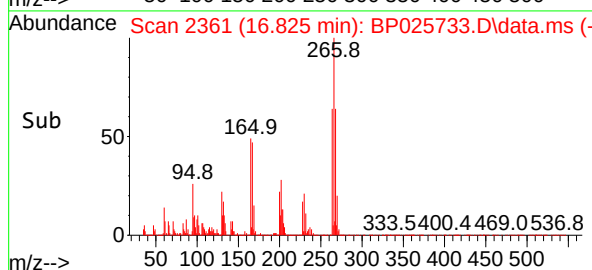
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

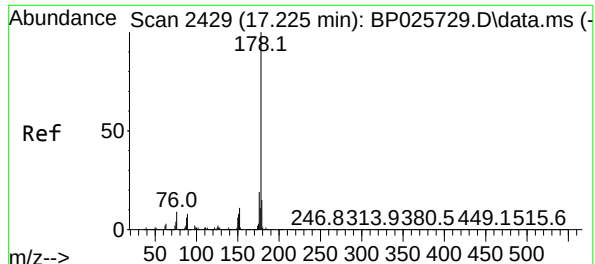


#70
Pentachlorophenol
Concen: 51.487 ng
RT: 16.825 min Scan# 2361
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20



Tgt Ion:266 Resp: 318100
Ion Ratio Lower Upper
266 100
268 64.3 49.8 74.8
264 63.9 50.2 75.2





#71

Phenanthrene

Concen: 49.858 ng

RT: 17.219 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:178 Resp: 2161060

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

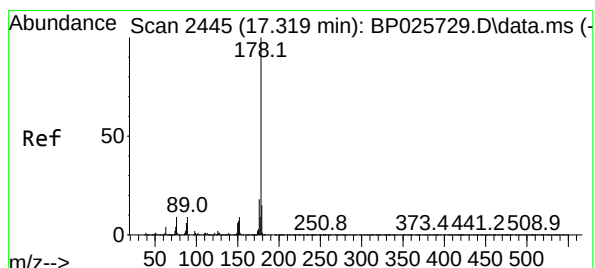
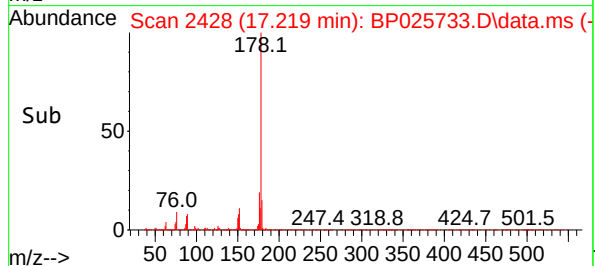
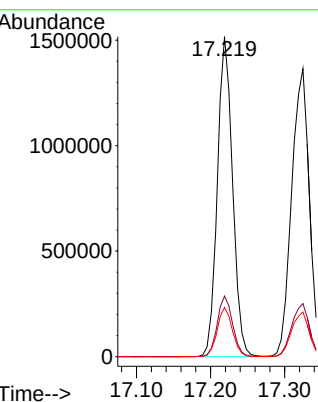
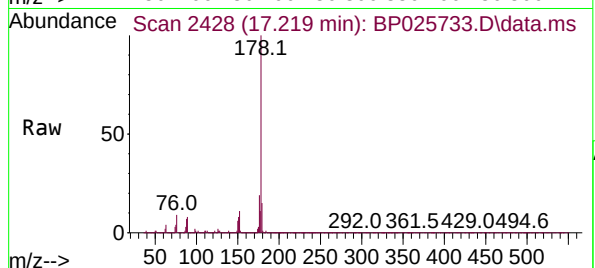
179 15.3 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#72

Anthracene

Concen: 51.395 ng

RT: 17.325 min Scan# 2446

Delta R.T. 0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

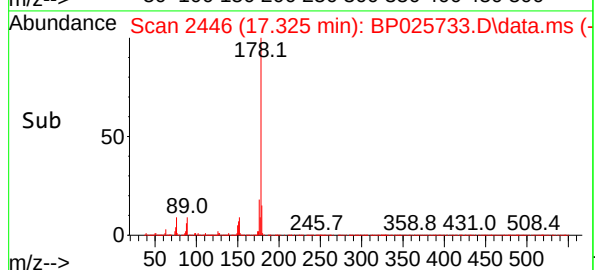
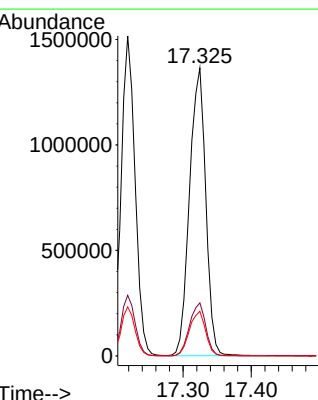
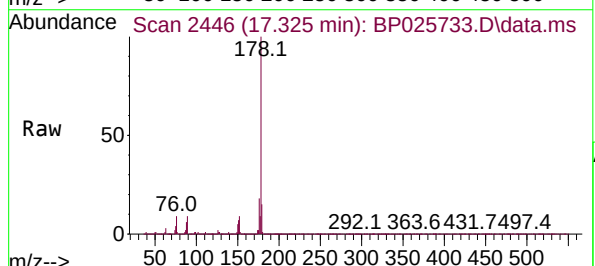
Tgt Ion:178 Resp: 2260277

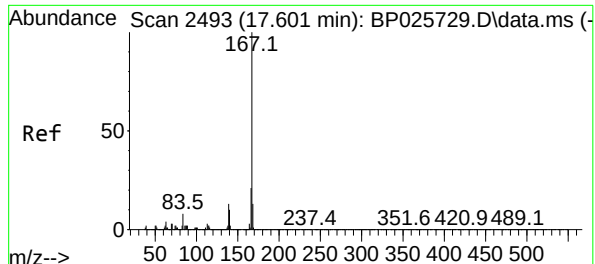
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

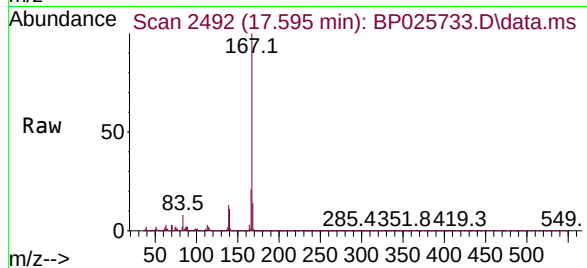
179 15.5 12.2 18.4





#73
Carbazole
Concen: 51.629 ng
RT: 17.595 min Scan# 2492
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

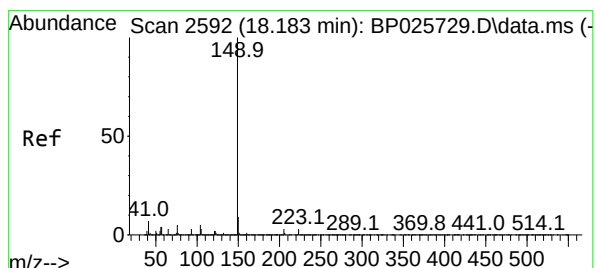
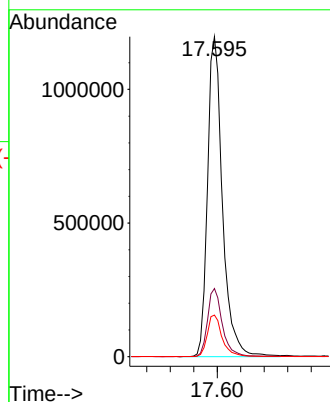
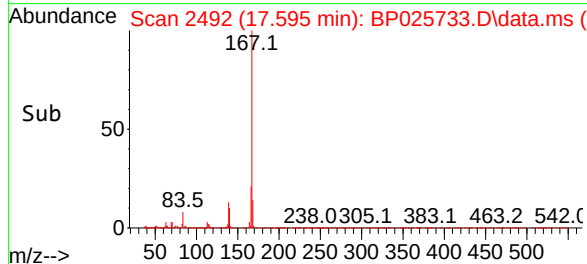
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:167 Resp: 2110925
Ion Ratio Lower Upper
167 100
166 21.3 17.0 25.4
139 13.0 10.6 16.0

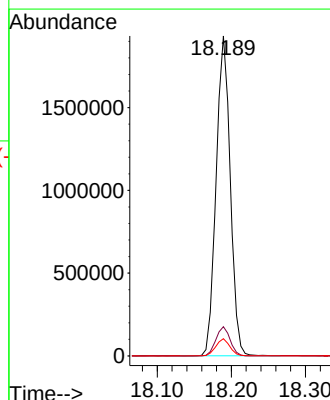
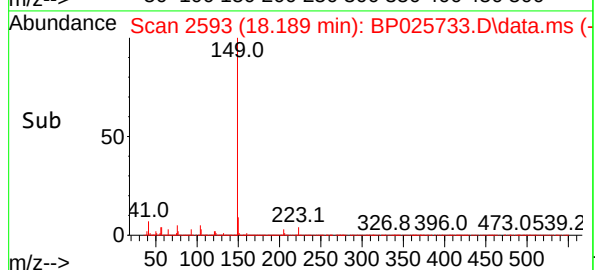
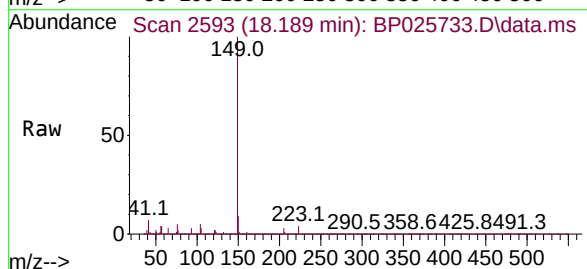
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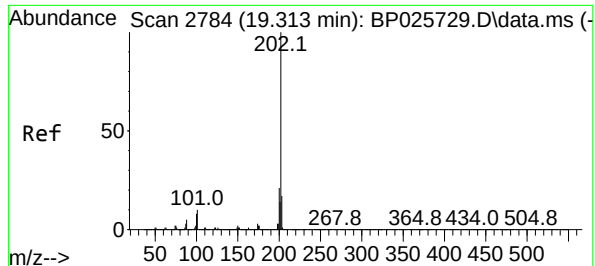
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#74
Di-n-butylphthalate
Concen: 50.995 ng
RT: 18.189 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

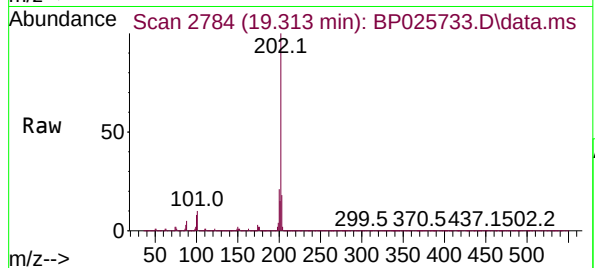
Tgt Ion:149 Resp: 2558689
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 5.4 4.3 6.5





#75
Fluoranthene
Concen: 49.638 ng
RT: 19.313 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

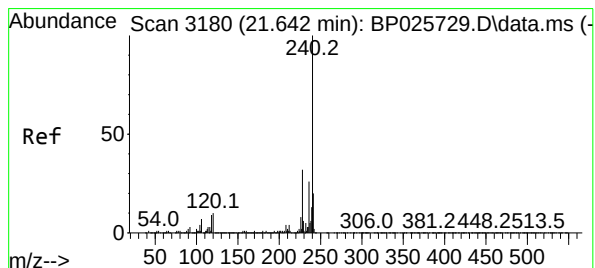
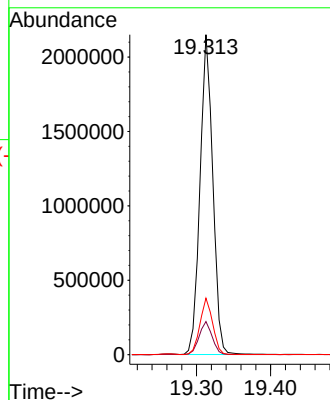
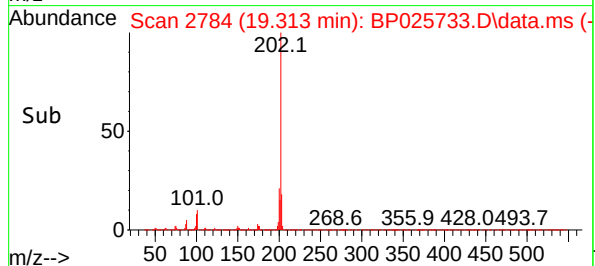
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:202 Resp: 2580366
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 17.6 0.0 37.4

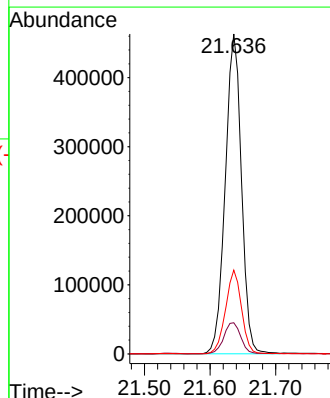
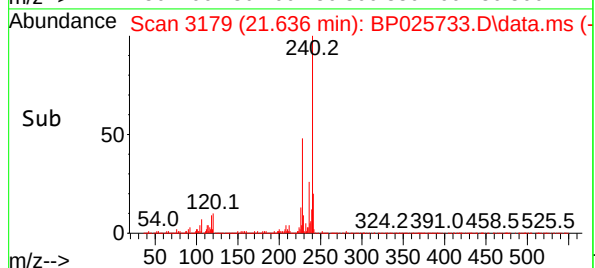
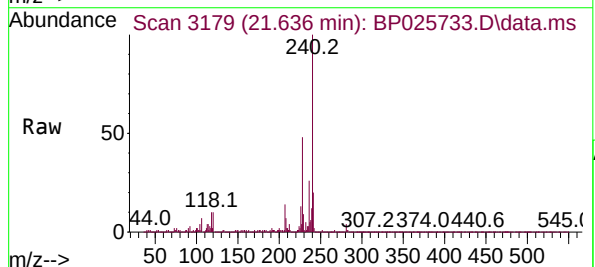
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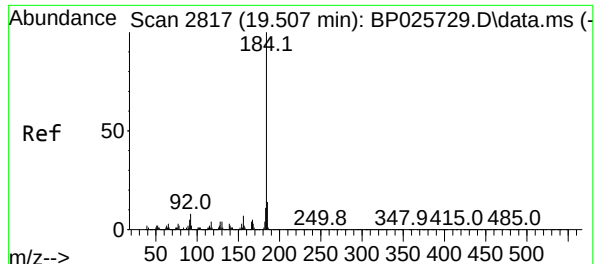
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:240 Resp: 796095
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 26.2 20.7 31.1





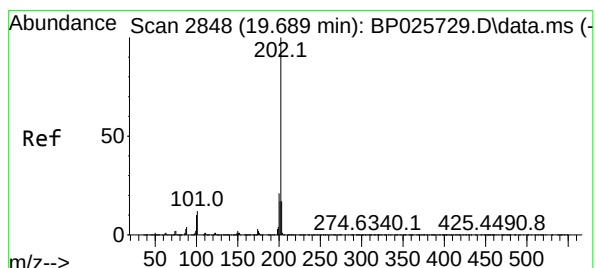
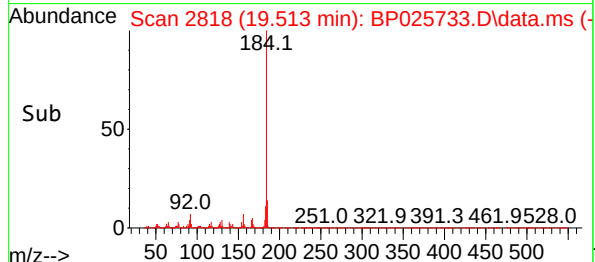
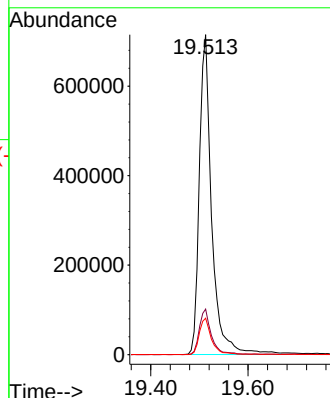
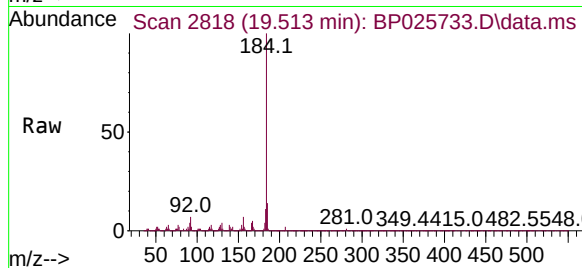
#77
Benzidine
Concen: 54.762 ng
RT: 19.513 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
Client Sample Id :
SSTDICC050

Tgt Ion:184 Resp: 1255790
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.4 9.2 13.8

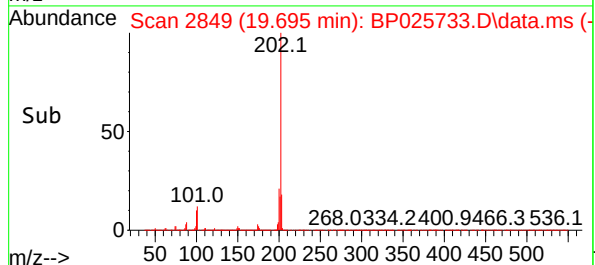
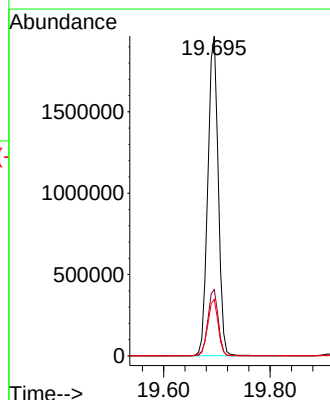
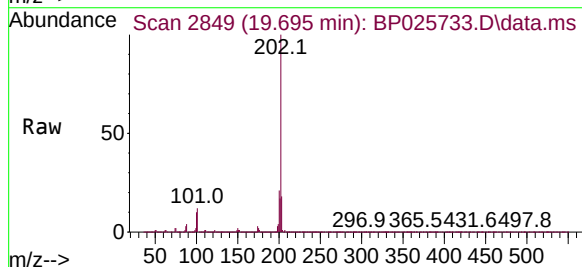
Manual Integrations
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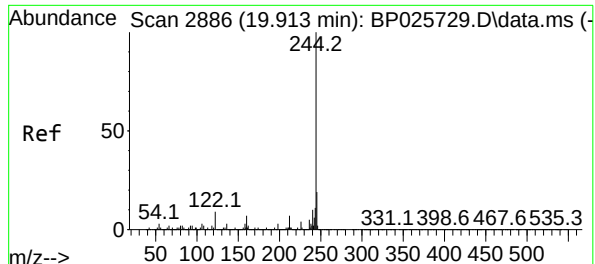
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 50.083 ng
RT: 19.695 min Scan# 2849
Delta R.T. 0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:202 Resp: 2660397
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 17.6 13.9 20.9





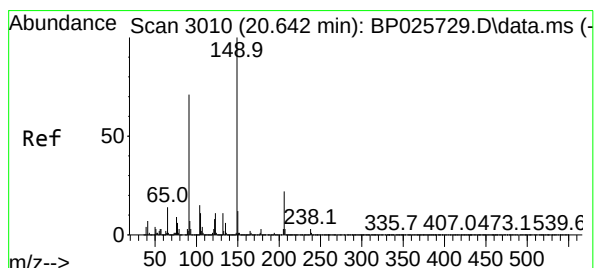
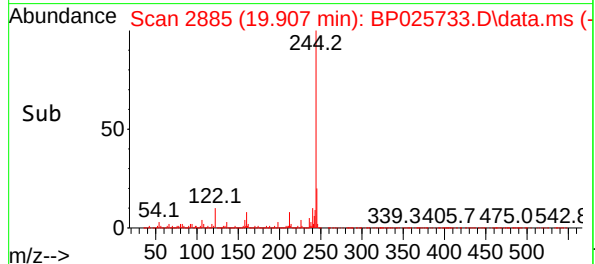
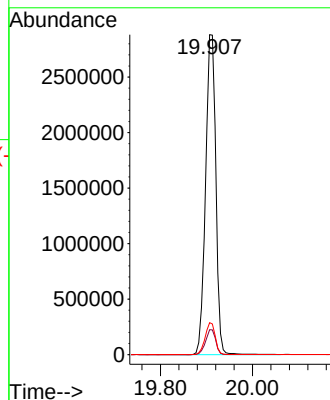
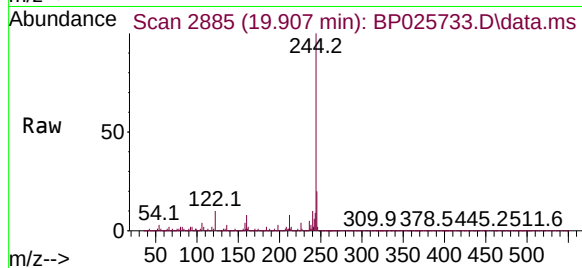
#79
 Terphenyl-d14
 Concen: 99.962 ng
 RT: 19.907 min Scan# 2886
 Delta R.T. -0.006 min
 Lab File: BP025733.D
 Acq: 11 Sep 2025 15:20

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Tgt Ion:244 Resp: 4423586
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 10.0 7.1 10.7

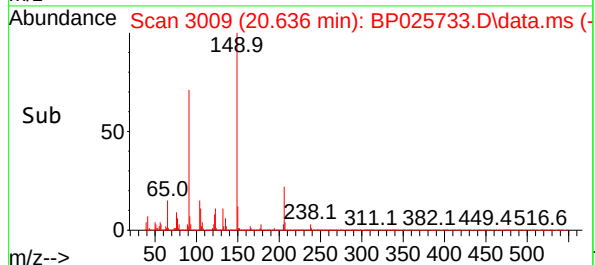
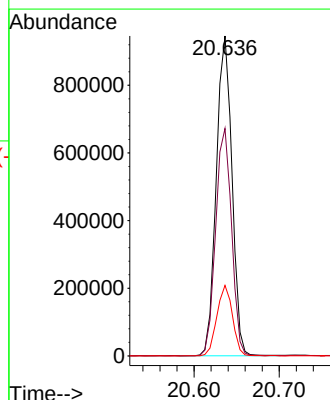
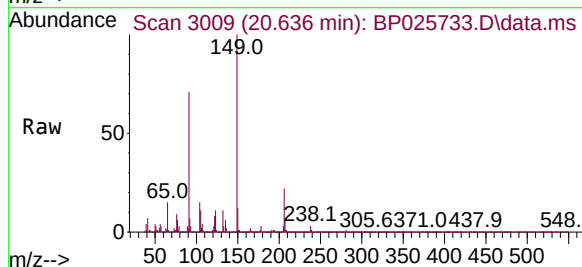
Manual Integrations
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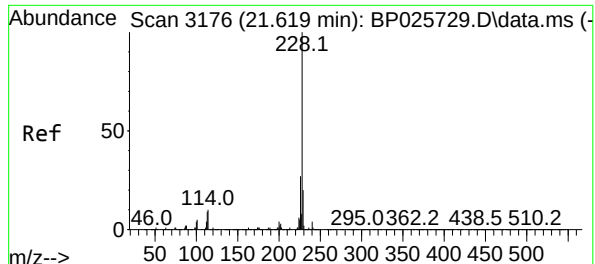
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025



#80
 Butylbenzylphthalate
 Concen: 51.926 ng
 RT: 20.636 min Scan# 3009
 Delta R.T. -0.006 min
 Lab File: BP025733.D
 Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 1209410
 Ion Ratio Lower Upper
 149 100
 91 71.1 56.6 85.0
 206 22.0 17.4 26.0





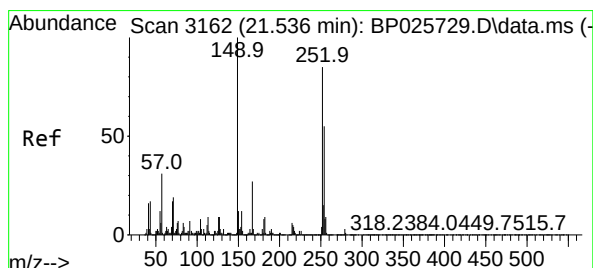
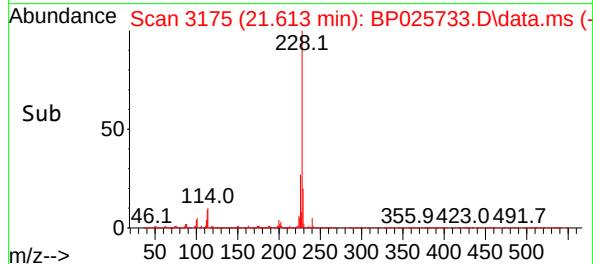
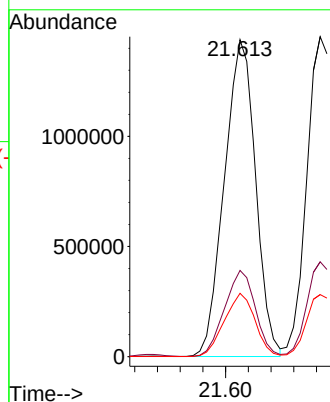
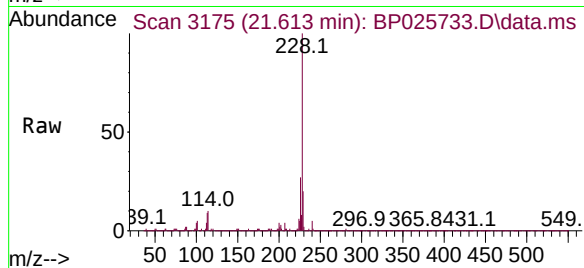
#81
Benzo(a)anthracene
Concen: 50.315 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:228 Resp: 2742275
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 20.0 15.7 23.5

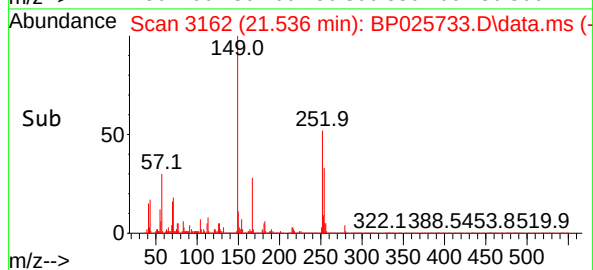
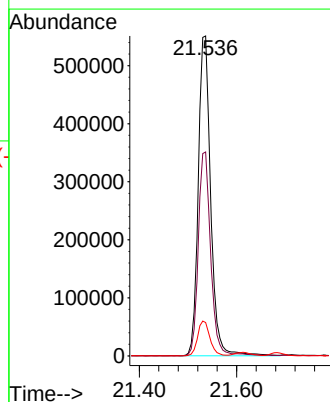
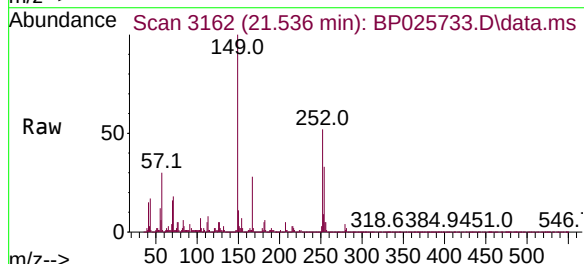
Manual Integrations
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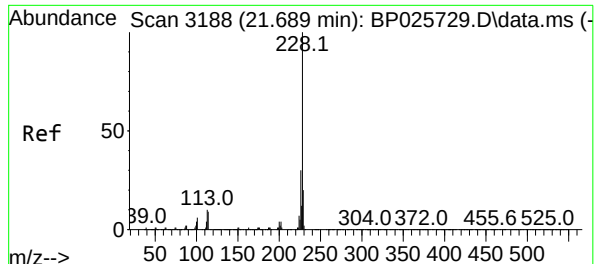
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 51.559 ng
RT: 21.536 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

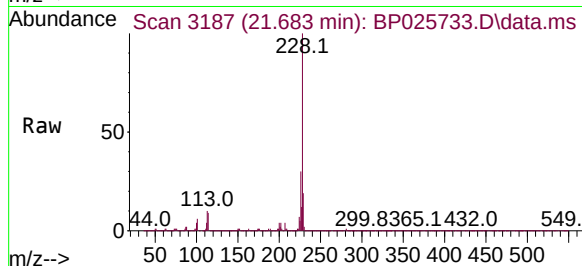
Tgt Ion:252 Resp: 971634
Ion Ratio Lower Upper
252 100
254 63.7 51.4 77.0
126 10.4 8.3 12.5





#83
Chrysene
Concen: 50.434 ng
RT: 21.683 min Scan# 3187
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

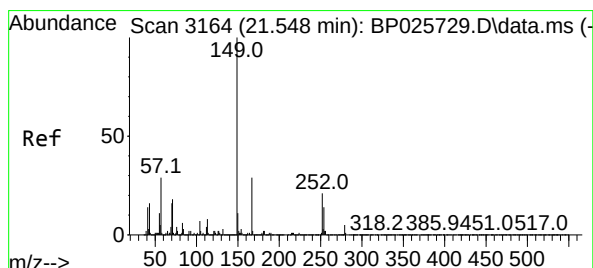
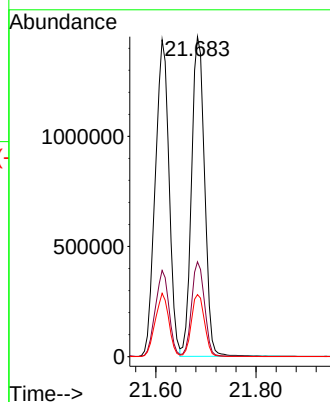
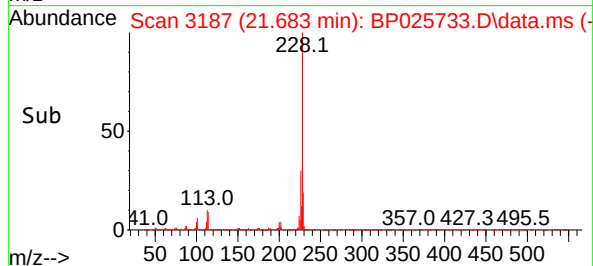
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:228 Resp: 262024
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.6
229 19.4 15.6 23.4

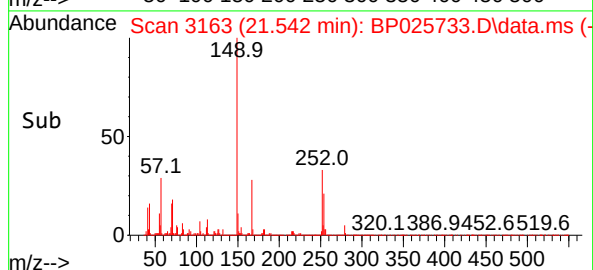
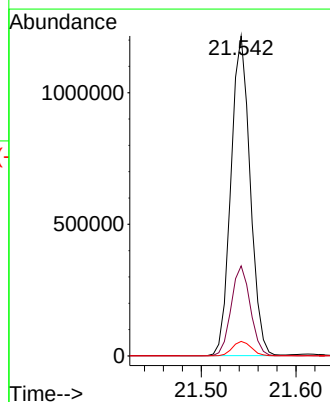
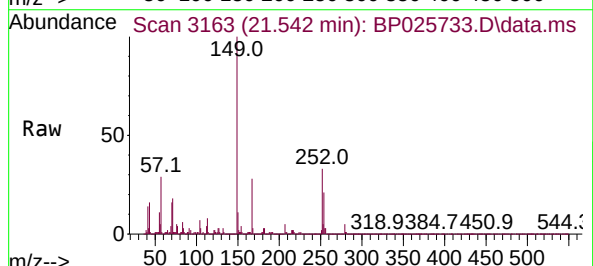
Manual Integrations
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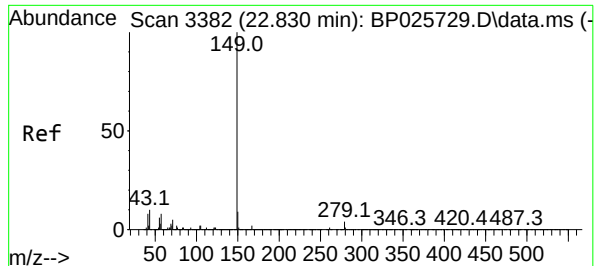
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.312 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:149 Resp: 1714419
Ion Ratio Lower Upper
149 100
167 28.1 22.9 34.3
279 4.5 3.8 5.8





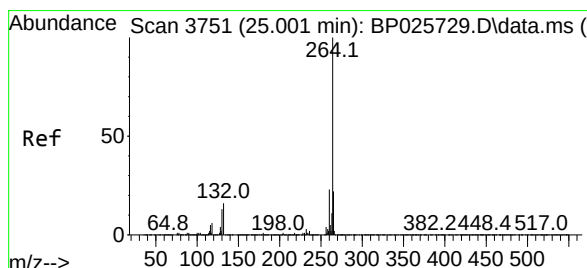
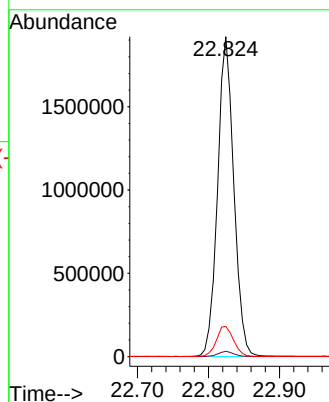
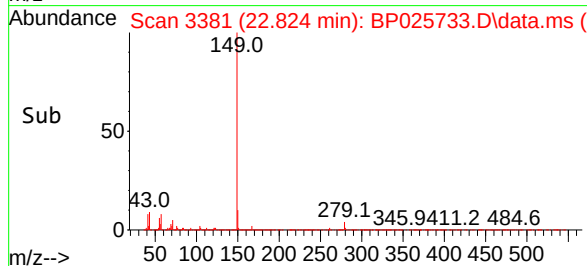
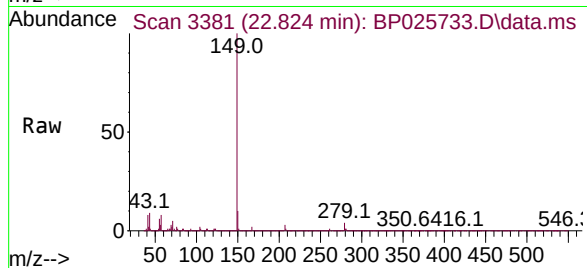
#85
Di-n-octyl phthalate
Concen: 50.273 ng
RT: 22.824 min Scan# 3382
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion:149 Resp: 3047268
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.0 12.0

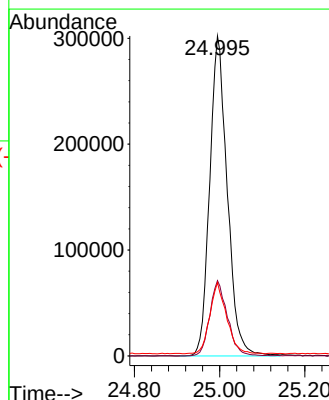
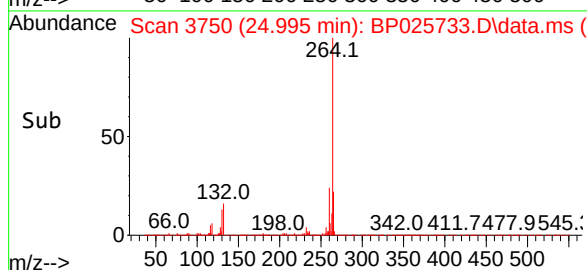
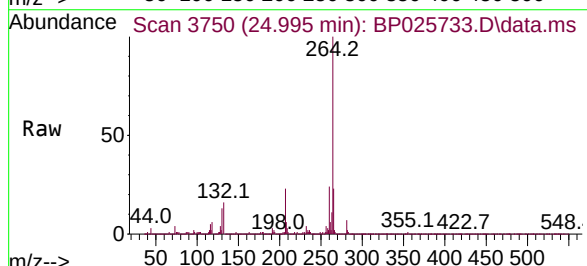
Manual Integrations
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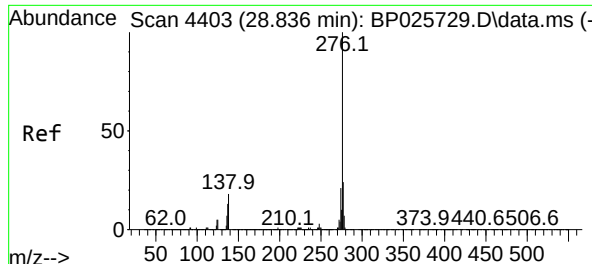
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.995 min Scan# 3750
Delta R.T. -0.006 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:264 Resp: 864239
Ion Ratio Lower Upper
264 100
260 23.5 18.3 27.5
265 23.0 17.3 25.9





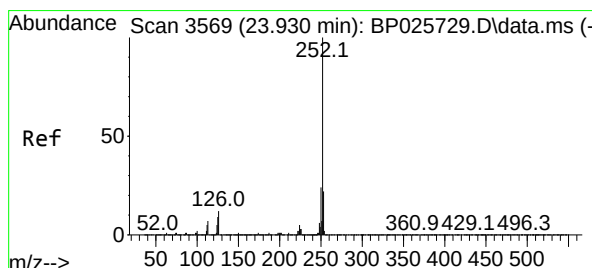
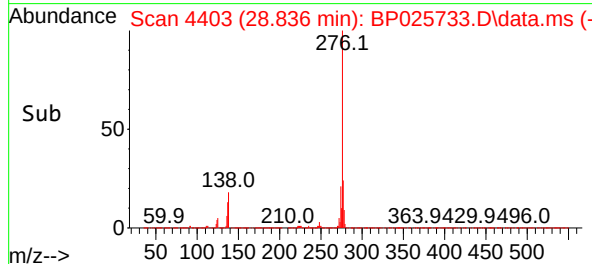
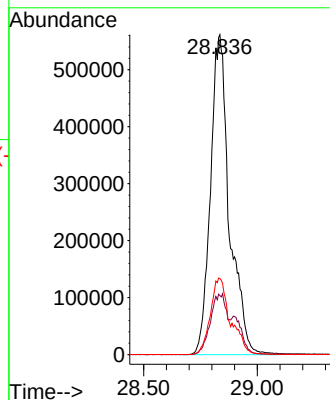
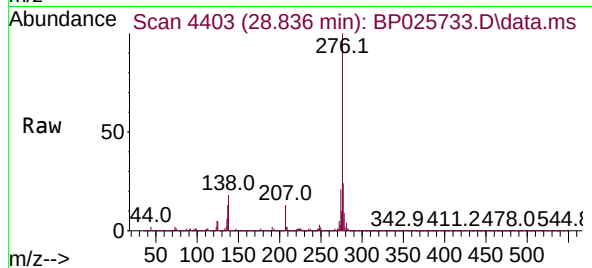
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.778 ng
RT: 28.836 min Scan# 4403
Delta R.T. -0.000 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Tgt Ion: 276 Resp: 325418
Ion Ratio Lower Upper
276 100
138 17.0 13.4 20.2
277 25.4 9.1 13.7

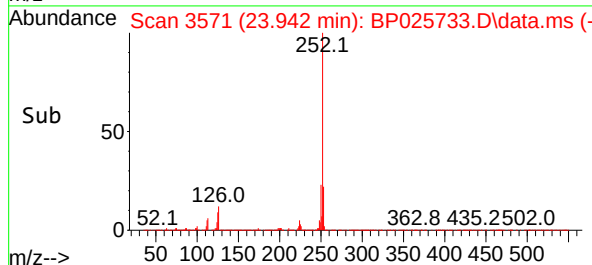
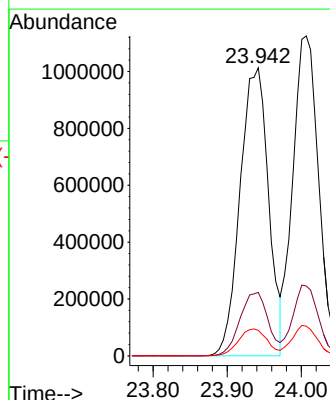
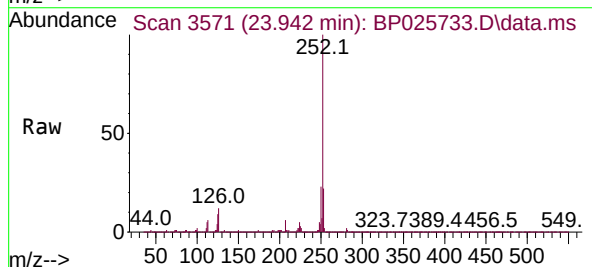
Manual Integrations
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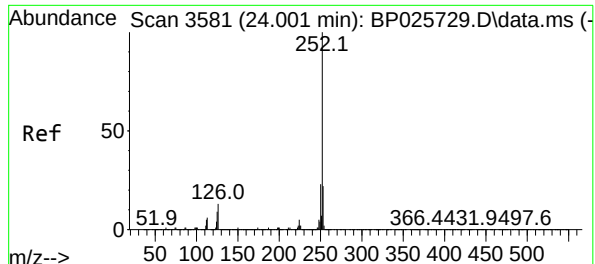
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#88
Benzo(b)fluoranthene
Concen: 51.169 ng
RT: 23.942 min Scan# 3571
Delta R.T. 0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion: 252 Resp: 2704281
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 8.9 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 50.407 ng

RT: 24.007 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

Instrument :

BNA_P

ClientSampleId :

SSTDICC050

Tgt Ion:252 Resp: 2718438

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

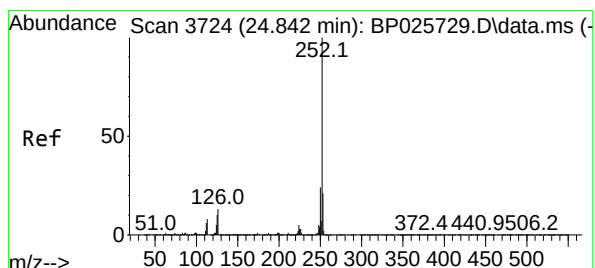
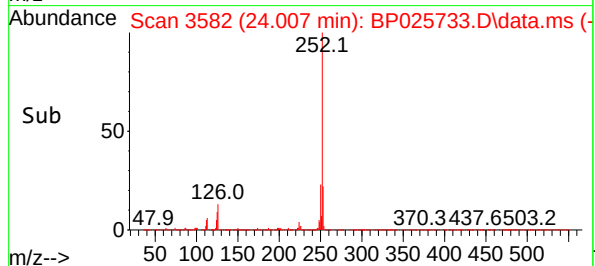
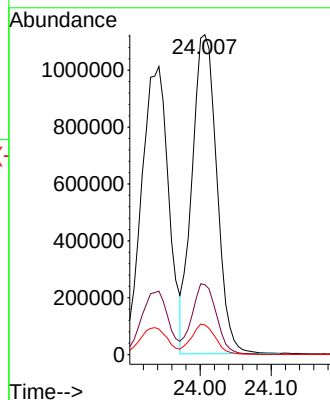
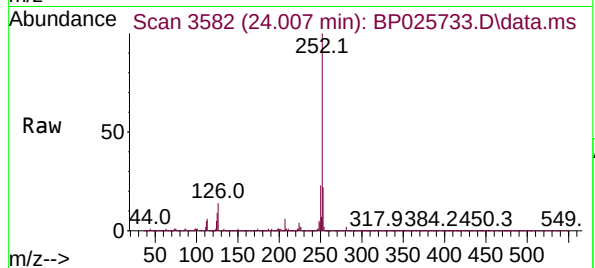
125 9.3 7.5 11.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 50.954 ng

RT: 24.848 min Scan# 3725

Delta R.T. 0.006 min

Lab File: BP025733.D

Acq: 11 Sep 2025 15:20

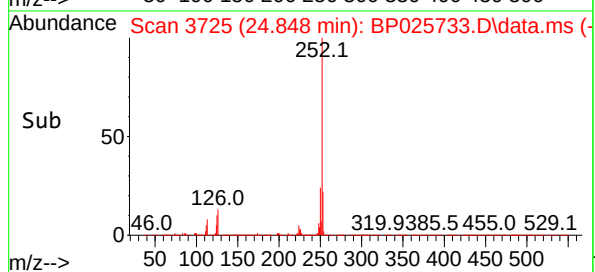
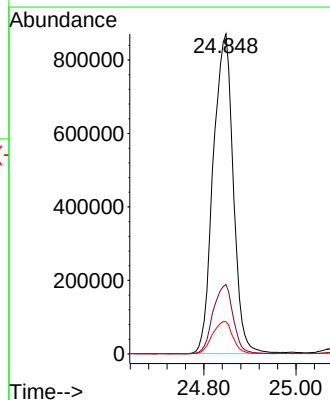
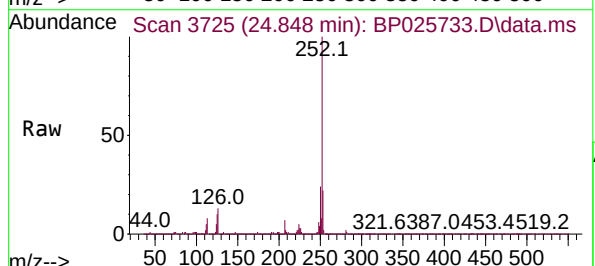
Tgt Ion:252 Resp: 2637187

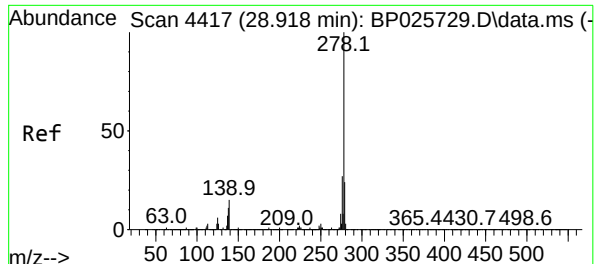
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

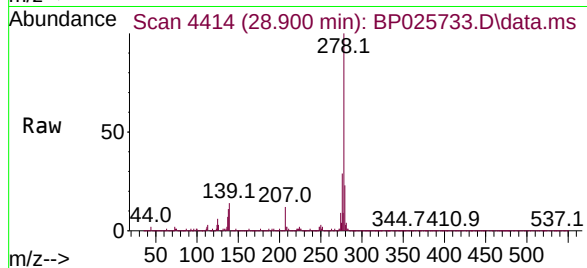
125 10.1 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 52.067 ng
RT: 28.900 min Scan# 4417
Delta R.T. -0.018 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

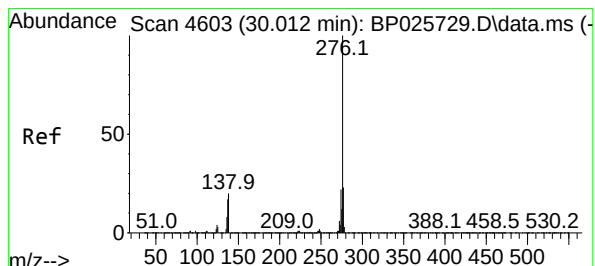
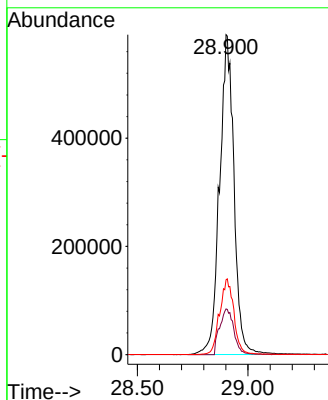
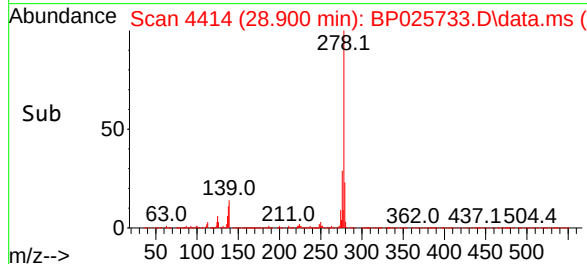
Instrument :
BNA_P
ClientSampleId :
SSTDICC050



Tgt Ion:278 Resp: 2677885
Ion Ratio Lower Upper
278 100
139 14.3 12.1 18.1
279 23.4 19.6 29.4

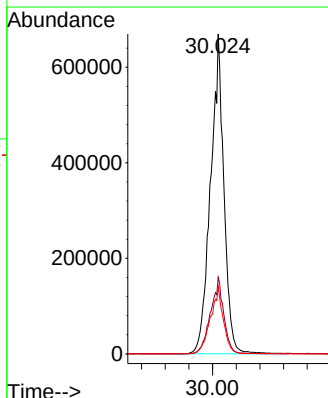
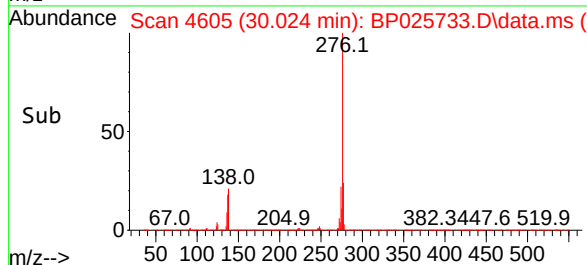
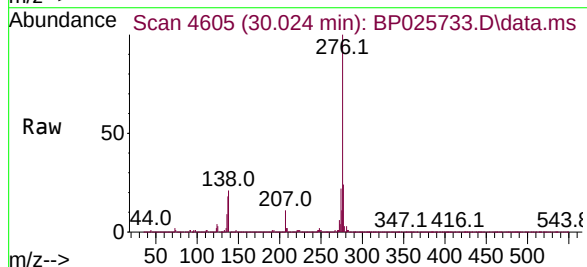
Manual Integrations
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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#92
Benzo(g,h,i)perylene
Concen: 51.692 ng
RT: 30.024 min Scan# 4605
Delta R.T. 0.012 min
Lab File: BP025733.D
Acq: 11 Sep 2025 15:20

Tgt Ion:276 Resp: 2614577
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 21.1 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	124267	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	536934	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	375383	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	771844	20.000	ng	0.00
76) Chrysene-d12	21.636	240	780297	20.000	ng	0.00
86) Perylene-d12	25.006	264	833580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	602093	78.179	ng	-0.01
7) Phenol-d6	6.937	99	816056	79.719	ng	-0.01
23) Nitrobenzene-d5	8.895	82	840657	69.063	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	359192	76.715	ng	-0.01
45) 2-Fluorobiphenyl	12.989	172	1948137	69.102	ng	0.00
79) Terphenyl-d14	19.913	244	3054578	70.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	122286	37.832	ng	97
3) Pyridine	3.702	79	354452	39.824	ng	98
4) n-Nitrosodimethylamine	3.608	42	165978	39.520	ng	97
6) Aniline	7.084	93	582343	41.441	ng	99
8) 2-Chlorophenol	7.325	128	347453	41.125	ng	99
9) Benzaldehyde	6.907	77	259870m	42.354	ng	
10) Phenol	6.966	94	446406	41.357	ng	99
11) bis(2-Chloroethyl)ether	7.178	93	354776	40.910	ng	97
12) 1,3-Dichlorobenzene	7.643	146	388972	40.451	ng	99
13) 1,4-Dichlorobenzene	7.784	146	395520	40.380	ng	99
14) 1,2-Dichlorobenzene	8.101	146	380347	39.971	ng	98
15) Benzyl Alcohol	7.990	79	350290	41.411	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	582311	41.060	ng	100
17) 2-Methylphenol	8.196	107	307102	42.200	ng	99
18) Hexachloroethane	8.819	117	151554	40.508	ng	97
19) n-Nitroso-di-n-propyla...	8.548	70	312448	43.761	ng	99
20) 3+4-Methylphenols	8.519	107	419059	41.117	ng	99
22) Acetophenone	8.566	105	589415	41.077	ng	# 99
24) Nitrobenzene	8.937	77	442005	40.477	ng	98
25) Isophorone	9.466	82	867997	40.570	ng	99
26) 2-Nitrophenol	9.643	139	203715	42.019	ng	98
27) 2,4-Dimethylphenol	9.707	122	353536	41.566	ng	100
28) bis(2-Chloroethoxy)met...	9.931	93	506887	40.986	ng	100
29) 2,4-Dichlorophenol	10.184	162	351168	41.410	ng	99
30) 1,2,4-Trichlorobenzene	10.390	180	377799	39.530	ng	97
31) Naphthalene	10.572	128	1147015	39.618	ng	100
32) Benzoic acid	9.866	122	261084	41.287	ng	99
33) 4-Chloroaniline	10.690	127	511290	42.370	ng	99
34) Hexachlorobutadiene	10.854	225	240927	39.159	ng	100
35) Caprolactam	11.478	113	129656	39.662	ng	97
36) 4-Chloro-3-methylphenol	11.819	107	414385	40.986	ng	96
37) 2-Methylnaphthalene	12.184	142	751182	40.396	ng	98
38) 1-Methylnaphthalene	12.401	142	804402	40.566	ng	100
40) 1,2,4,5-Tetrachloroben...	12.554	216	455659	40.058	ng	100
41) Hexachlorocyclopentadiene	12.531	237	251065	40.525	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	311792	41.695	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	335762	40.344	ng	98
46) 1,1'-Biphenyl	13.201	154	1121205	40.692	ng	100
47) 2-Chloronaphthalene	13.242	162	849751	39.167	ng	99
48) 2-Nitroaniline	13.454	65	296601	41.012	ng	99
49) Acenaphthylene	14.101	152	1431405	39.820	ng	100
50) Dimethylphthalate	13.836	163	1131460	39.480	ng	100
51) 2,6-Dinitrotoluene	13.948	165	245080	40.363	ng	98
52) Acenaphthene	14.454	154	808647	39.008	ng	99
53) 3-Nitroaniline	14.289	138	260323	40.770	ng	99
54) 2,4-Dinitrophenol	14.513	184	139609	38.055	ng	98
55) Dibenzofuran	14.783	168	1329616	39.353	ng	99
56) 4-Nitrophenol	14.619	139	192803	37.582	ng	96
57) 2,4-Dinitrotoluene	14.754	165	353669	40.928	ng	96
58) Fluorene	15.442	166	1043250	38.831	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	297719	39.712	ng	100
60) Diethylphthalate	15.219	149	1163950	40.039	ng	100
61) 4-Chlorophenyl-phenyle...	15.436	204	536069	39.592	ng	97
62) 4-Nitroaniline	15.466	138	272817	41.707	ng	99
63) Azobenzene	15.736	77	1114737	39.657	ng	99
65) 4,6-Dinitro-2-methylph...	15.536	198	204888	39.916	ng	97
66) n-Nitrosodiphenylamine	15.660	169	939618	39.780	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	339813	40.075	ng	97
68) Hexachlorobenzene	16.472	284	375085	39.667	ng	97
69) Atrazine	16.642	200	364755	40.399	ng	99
70) Pentachlorophenol	16.836	266	248287	39.784	ng	99
71) Phenanthrene	17.224	178	1716732	39.210	ng	99
72) Anthracene	17.319	178	1778123	40.026	ng	100
73) Carbazole	17.601	167	1614641	39.095	ng	100
74) Di-n-butylphthalate	18.189	149	2015320	39.763	ng	100
75) Fluoranthene	19.324	202	2020319	38.475	ng	100
77) Benzidine	19.513	184	735659m	32.730	ng	
78) Pyrene	19.701	202	2122125	40.759	ng	99
80) Butylbenzylphthalate	20.636	149	950670	41.644	ng	98
81) Benzo(a)anthracene	21.612	228	2127849	39.832	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	705014	38.168	ng	99
83) Chrysene	21.689	228	2042185	40.103	ng	99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1354255	40.547	ng	99
85) Di-n-octyl phthalate	22.836	149	2374831	39.973	ng	100
87) Indeno(1,2,3-cd)pyrene	28.836	276	2435714	40.180	ng	# 84
88) Benzo(b)fluoranthene	23.936	252	2038540	39.991	ng	99
89) Benzo(k)fluoranthene	24.006	252	2155908	41.447	ng	99
90) Benzo(a)pyrene	24.842	252	1988484	39.834	ng	99
91) Dibenzo(a,h)anthracene	28.900	278	2021392	40.748	ng	99
92) Benzo(g,h,i)perylene	30.018	276	1934037	39.644	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

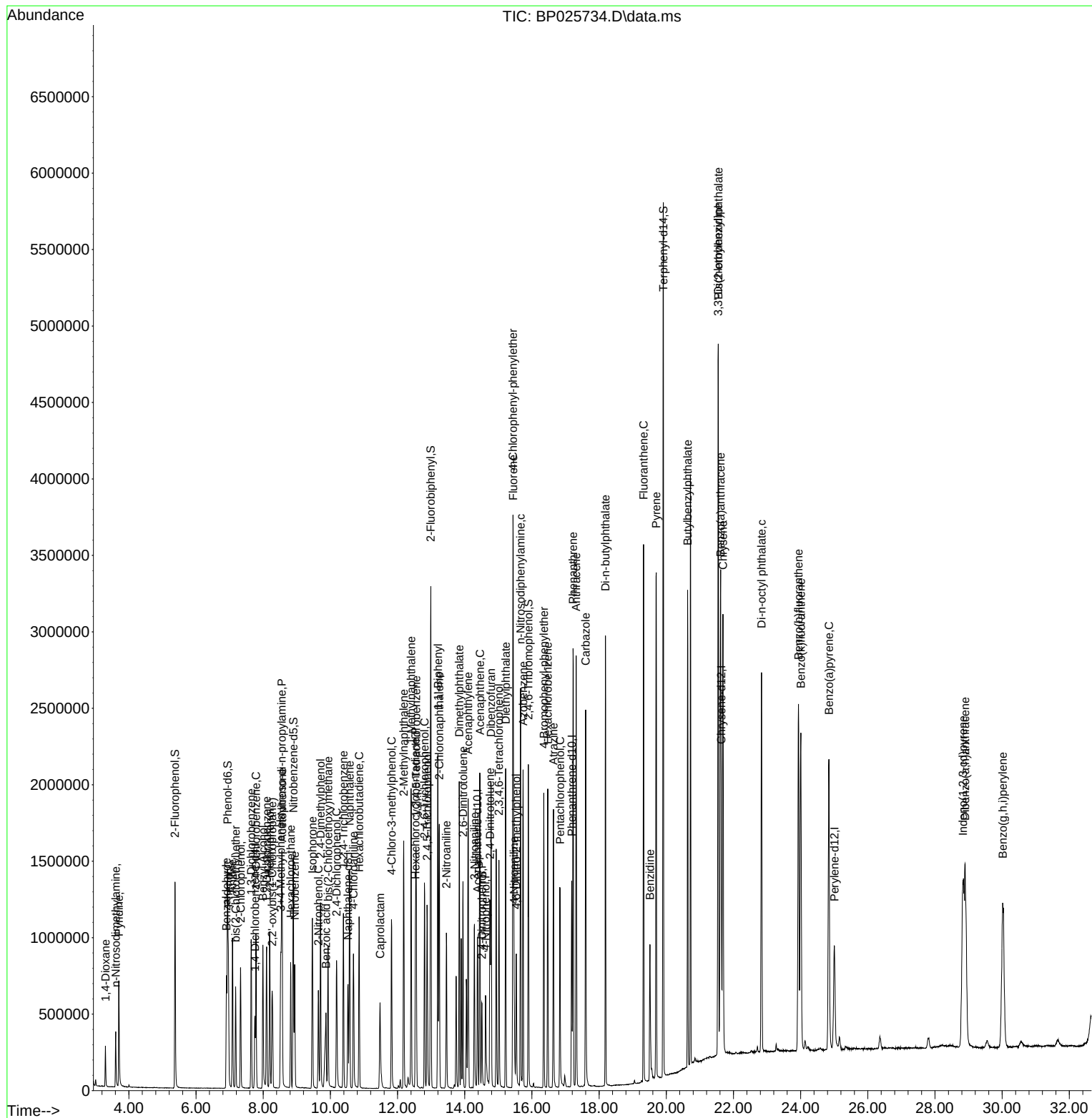
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Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

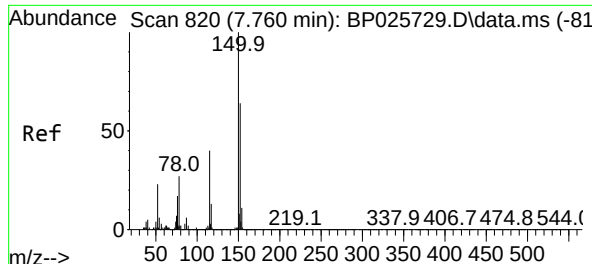
Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration





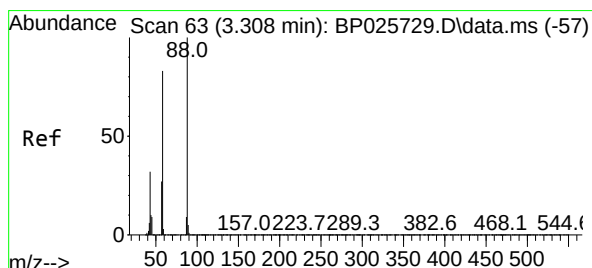
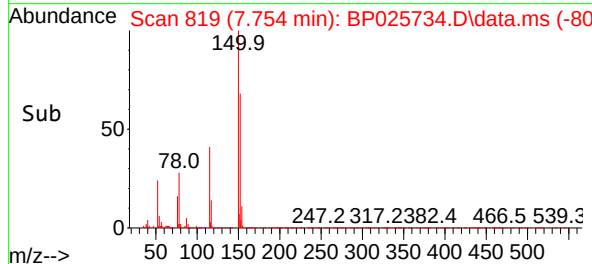
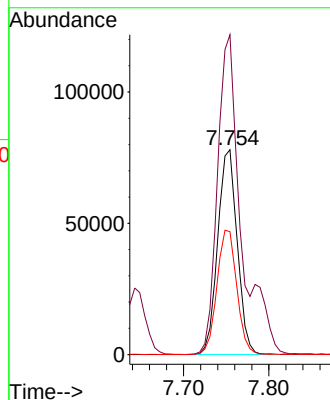
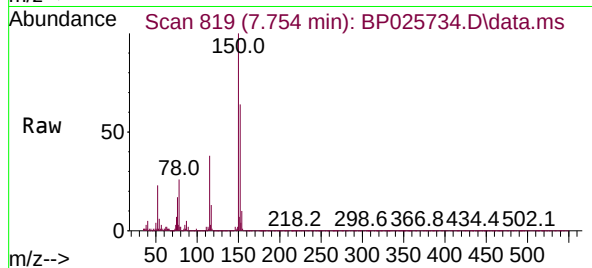
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:152 Resp: 12426
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 60.0 50.3 75.5

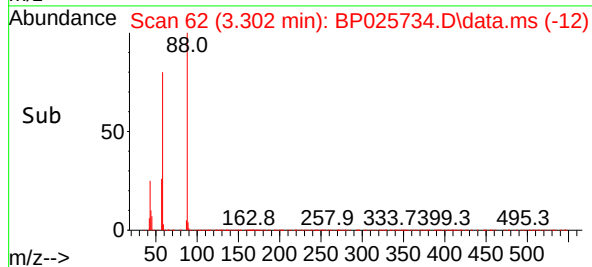
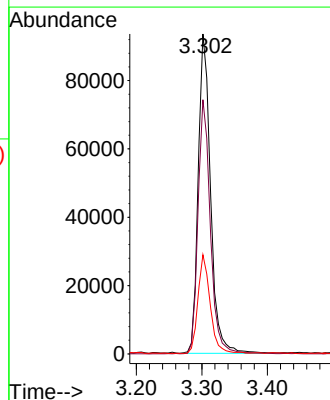
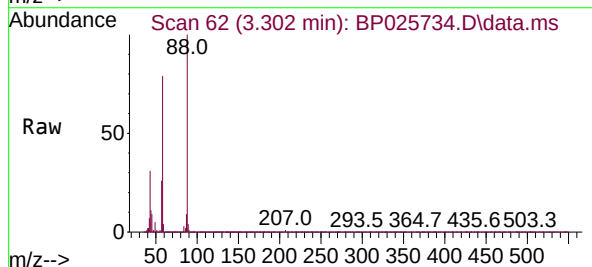
Manual Integrations
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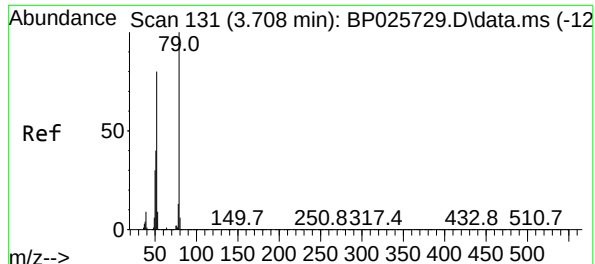
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#2
1,4-Dioxane
Concen: 37.832 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

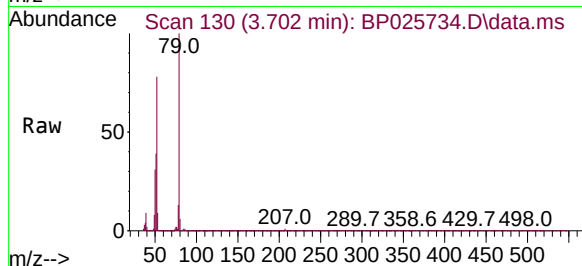
Tgt Ion: 88 Resp: 122286
Ion Ratio Lower Upper
88 100
58 79.4 65.5 98.3
43 30.4 25.2 37.8





#3
Pyridine
Concen: 39.824 ng
RT: 3.702 min Scan# 131
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

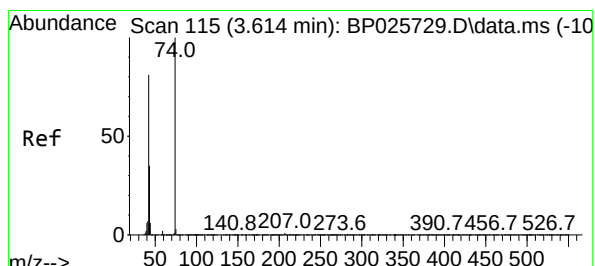
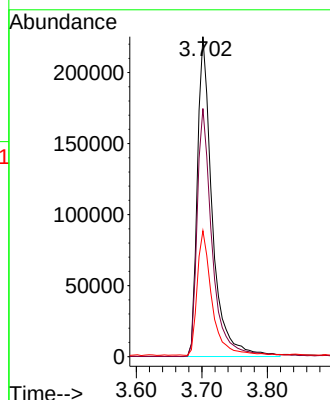
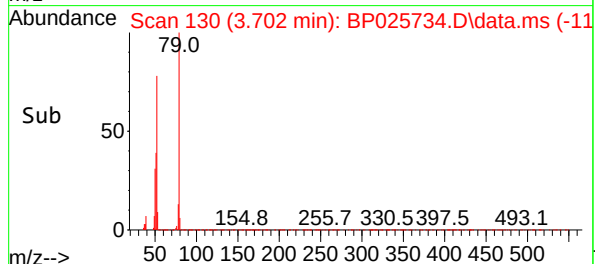
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 79 Resp: 354452
Ion Ratio Lower Upper
79 100
52 77.5 63.7 95.5
51 39.3 32.4 48.6

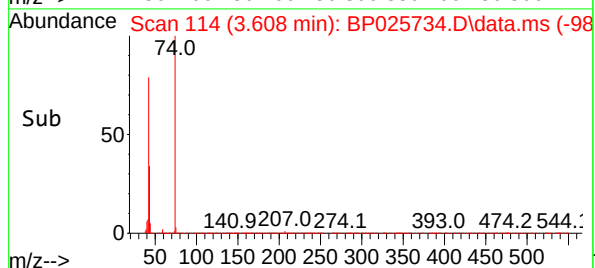
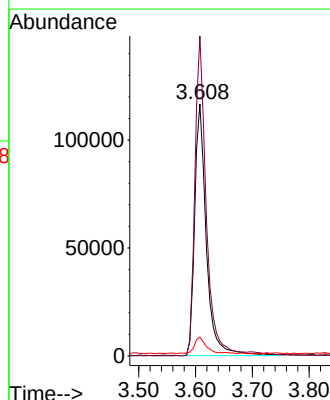
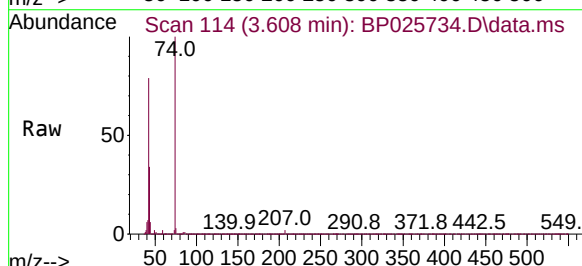
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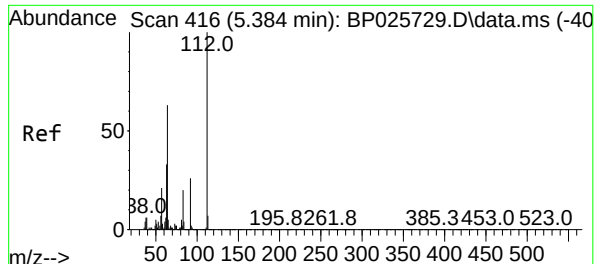
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#4
n-Nitrosodimethylamine
Concen: 39.520 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 42 Resp: 165978
Ion Ratio Lower Upper
42 100
74 127.0 99.2 148.8
44 7.5 6.4 9.6





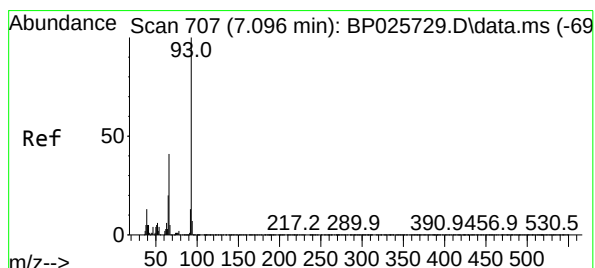
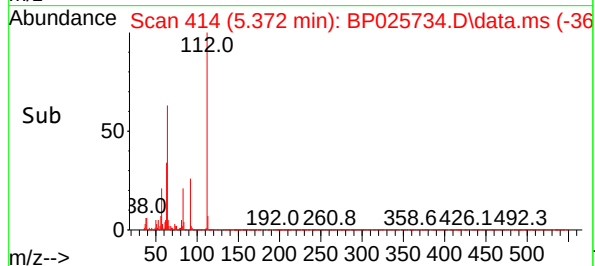
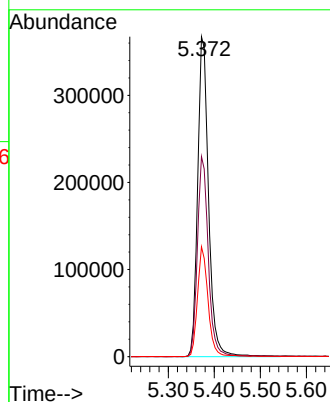
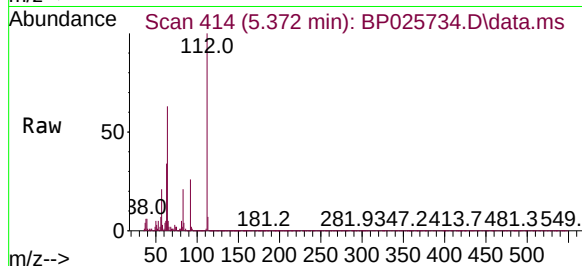
#5
2-Fluorophenol
Concen: 78.179 ng
RT: 5.372 min Scan# 416
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion: 112 Resp: 602093
Ion Ratio Lower Upper
112 100
64 62.5 50.2 75.4
63 34.3 26.7 40.1

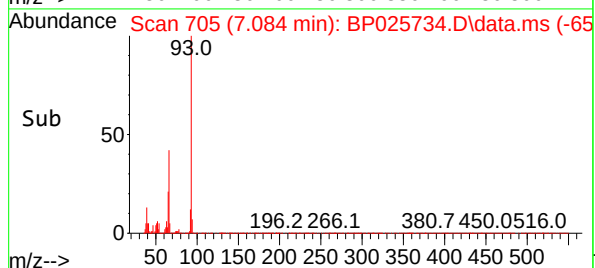
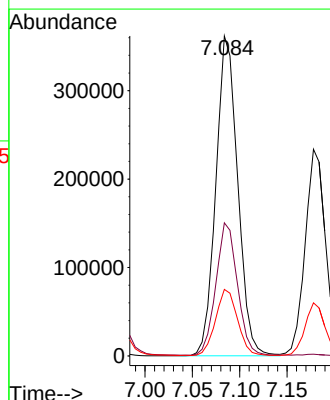
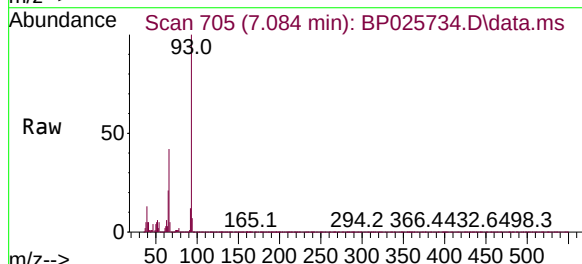
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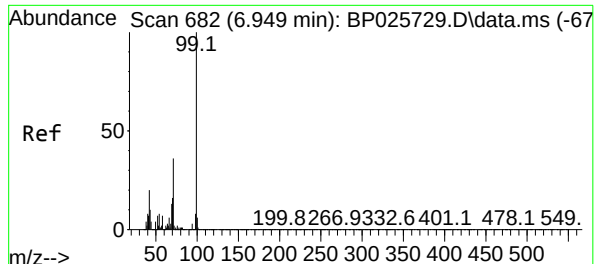
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#6
Aniline
Concen: 41.441 ng
RT: 7.084 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 93 Resp: 582343
Ion Ratio Lower Upper
93 100
66 41.6 32.6 49.0
65 20.8 16.2 24.2





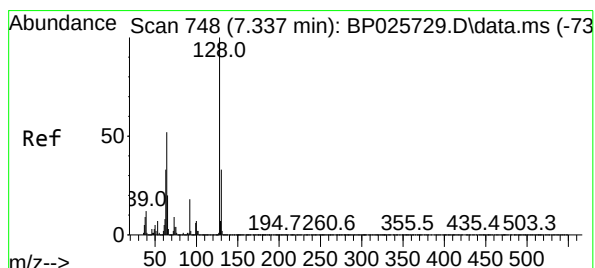
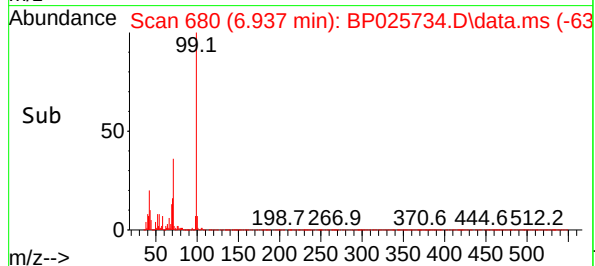
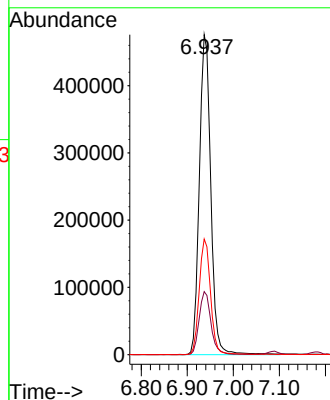
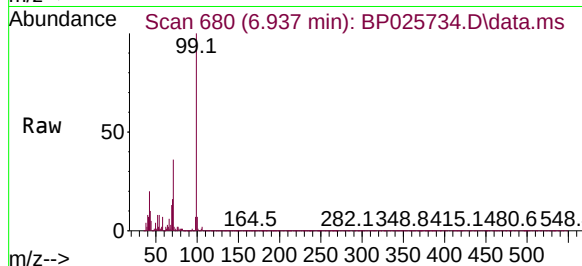
#7
Phenol-d6
Concen: 79.719 ng
RT: 6.937 min Scan# 681
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion: 99 Resp: 816056
Ion Ratio Lower Upper
99 100
42 19.7 15.6 23.4
71 36.1 28.6 43.0

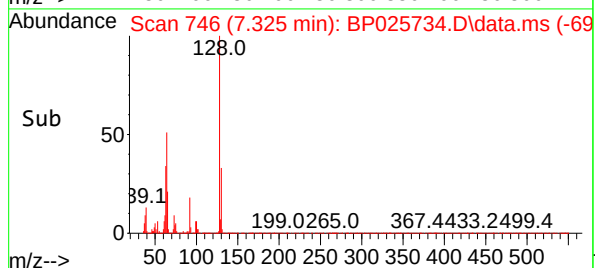
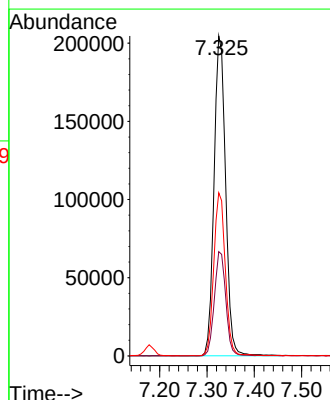
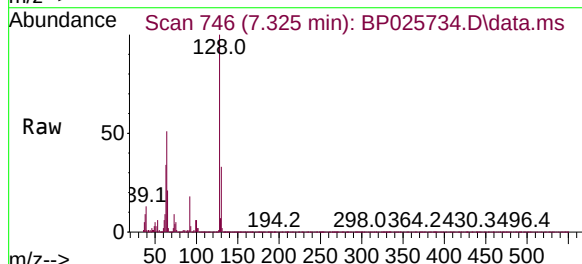
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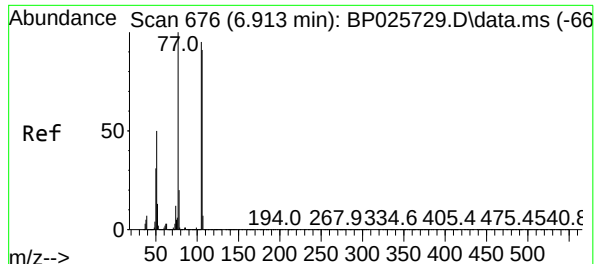
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#8
2-Chlorophenol
Concen: 41.125 ng
RT: 7.325 min Scan# 746
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

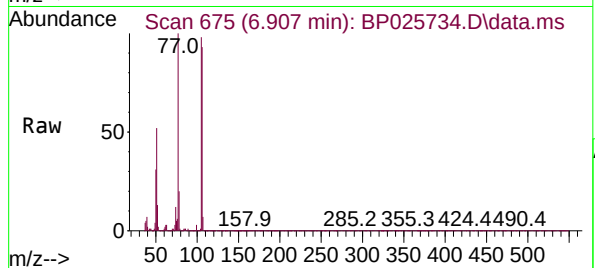
Tgt Ion:128 Resp: 347453
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 51.0 31.6 71.6





#9
Benzaldehyde
Concen: 42.354 ng m
RT: 6.907 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

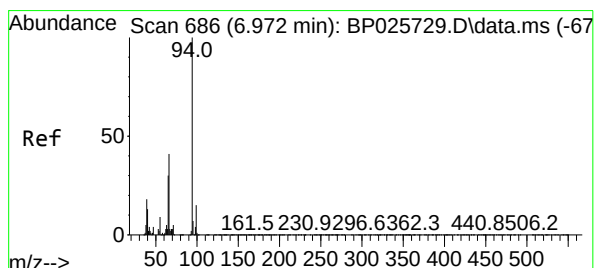
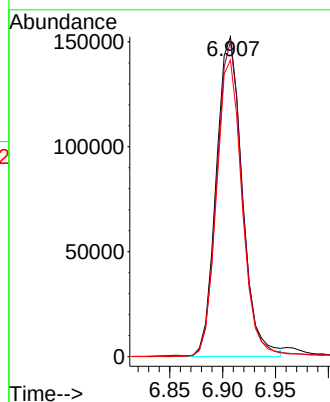
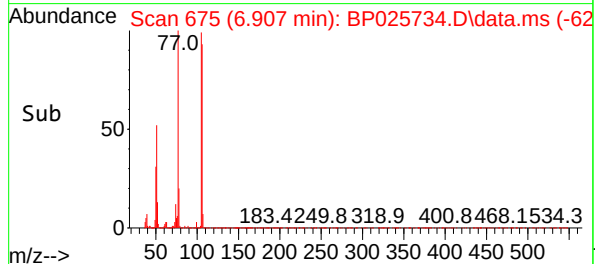
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 77 Resp: 259876
Ion Ratio Lower Upper
77 100
105 98.4 75.2 115.2
106 92.7 71.3 111.3

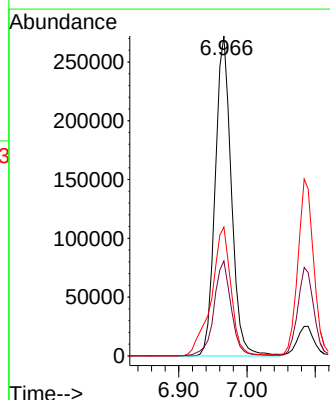
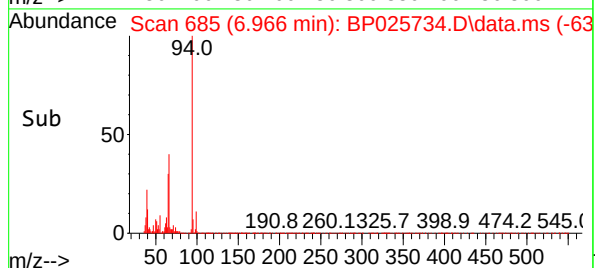
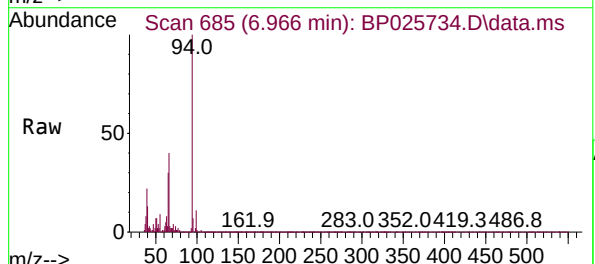
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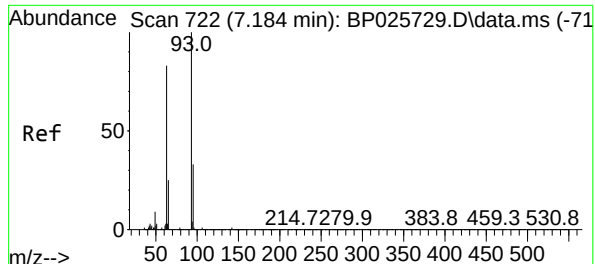
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#10
Phenol
Concen: 41.357 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 94 Resp: 446406
Ion Ratio Lower Upper
94 100
65 29.7 10.2 50.2
66 40.3 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 40.910 ng

RT: 7.178 min Scan# 721

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion: 93 Resp: 354776

Ion Ratio Lower Upper

93 100

63 80.0 62.6 102.6

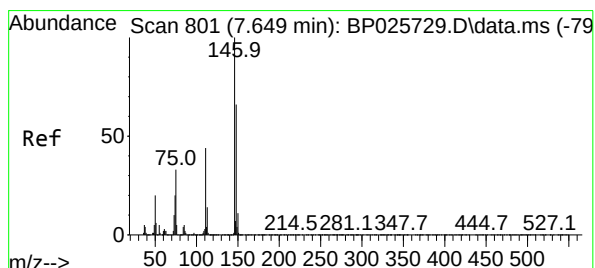
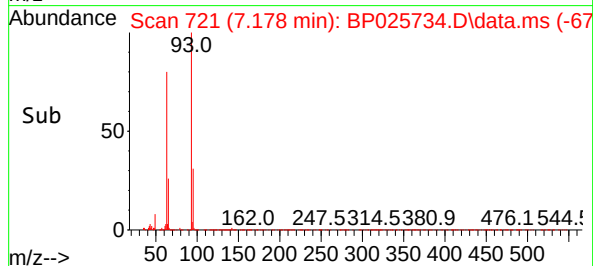
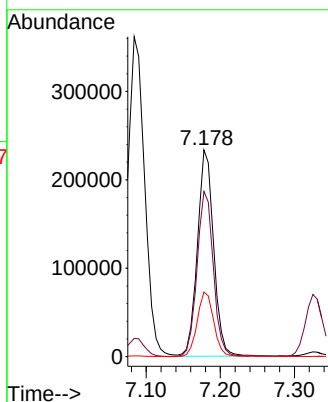
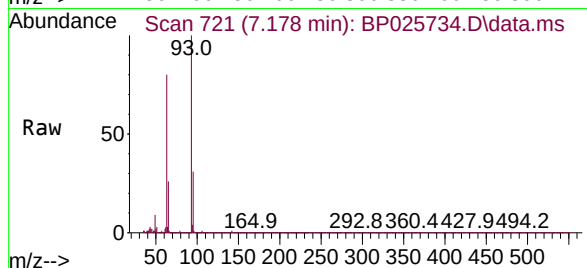
95 31.3 13.2 53.2

Manual Integrations

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#12

1,3-Dichlorobenzene

Concen: 40.451 ng

RT: 7.643 min Scan# 800

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

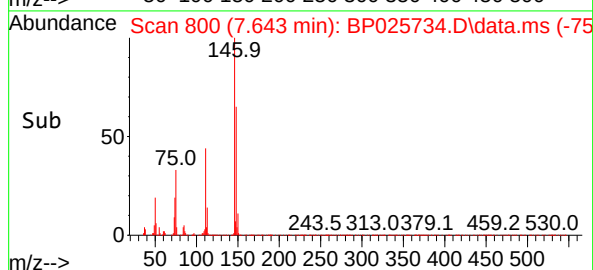
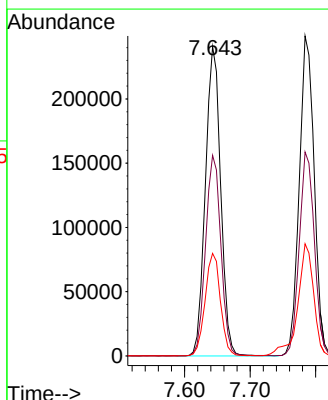
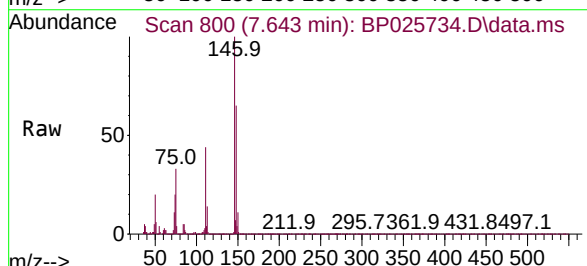
Tgt Ion:146 Resp: 388972

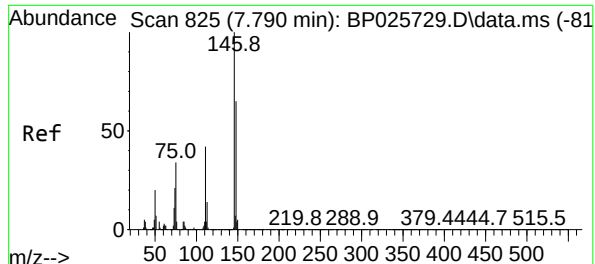
Ion Ratio Lower Upper

146 100

148 64.8 52.7 79.1

75 33.1 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 40.380 ng

RT: 7.784 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:146 Resp: 395520

Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

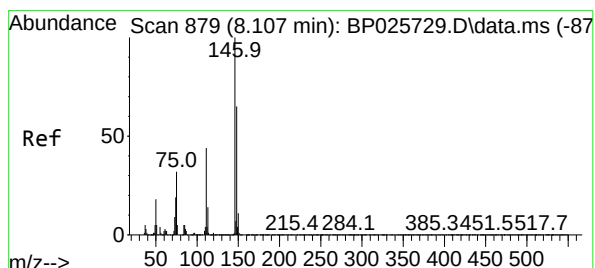
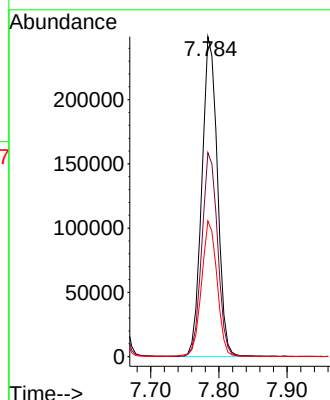
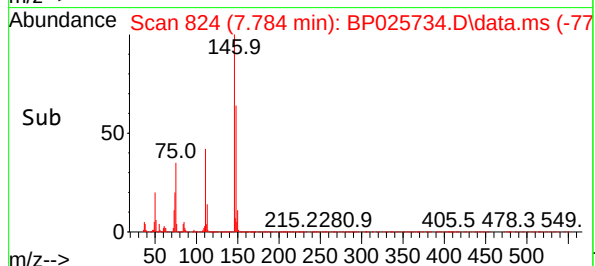
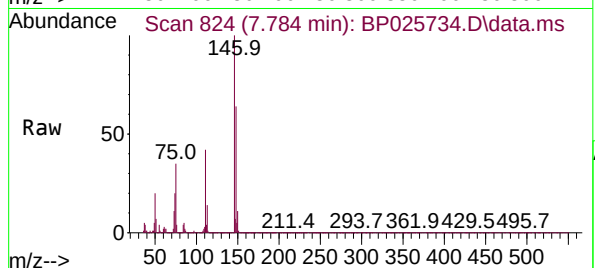
111 42.4 33.9 50.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/12/2025



#14

1,2-Dichlorobenzene

Concen: 39.971 ng

RT: 8.101 min Scan# 878

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

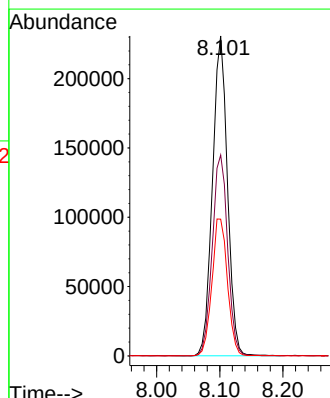
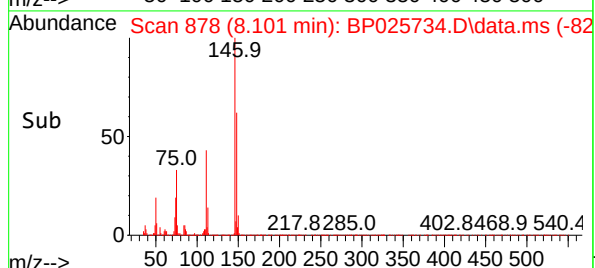
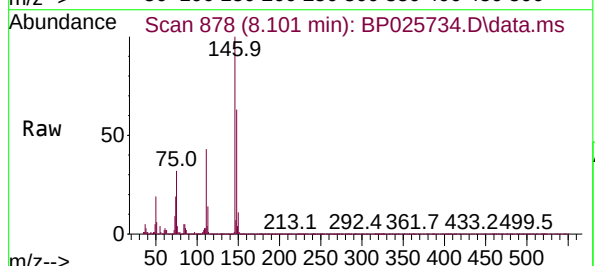
Tgt Ion:146 Resp: 380347

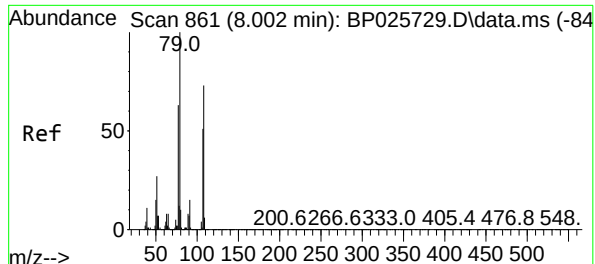
Ion Ratio Lower Upper

146 100

148 62.8 51.7 77.5

111 42.7 35.5 53.3





#15

Benzyl Alcohol

Concen: 41.411 ng

RT: 7.990 min Scan# 81

Delta R.T. -0.012 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion: 79 Resp: 350290

Ion Ratio Lower Upper

79 100

108 72.9 58.7 88.1

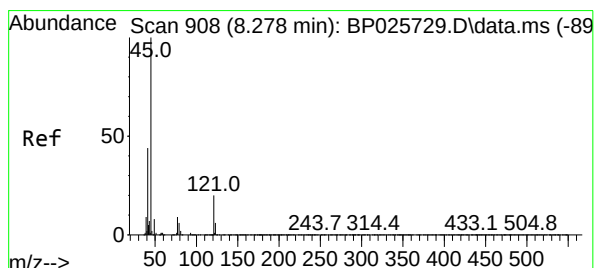
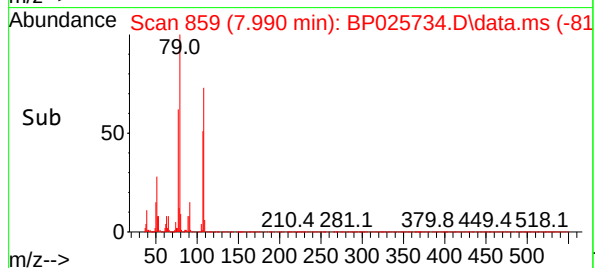
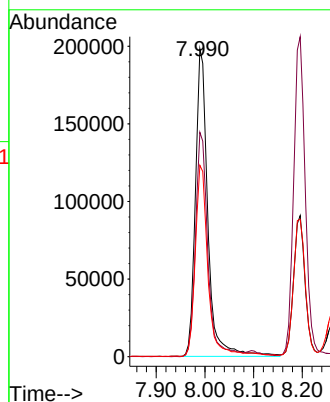
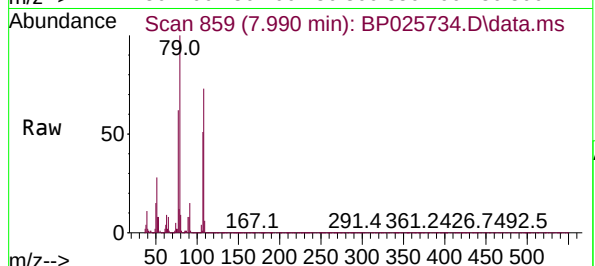
77 62.1 50.2 75.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/12/2025



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.060 ng

RT: 8.266 min Scan# 906

Delta R.T. -0.012 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

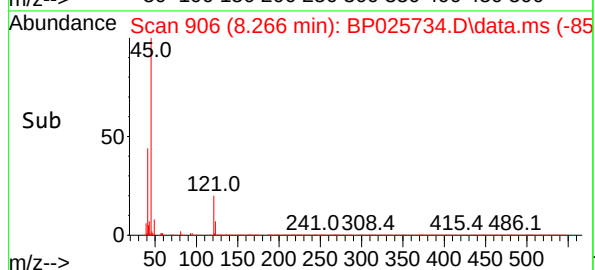
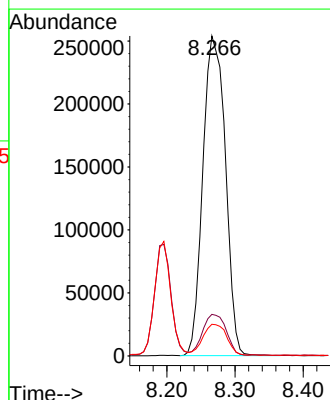
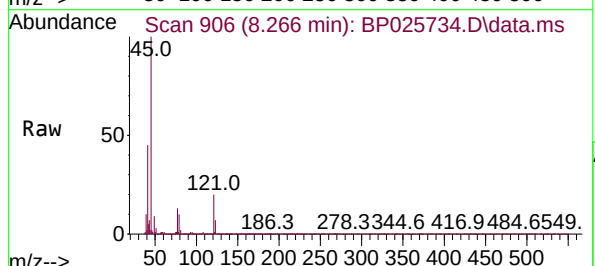
Tgt Ion: 45 Resp: 582311

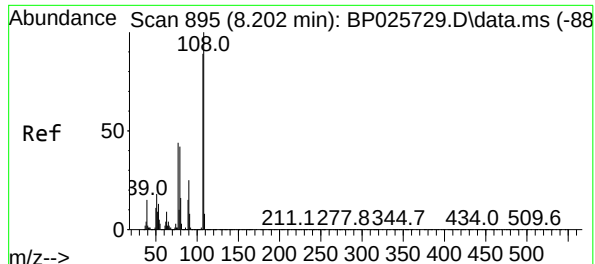
Ion Ratio Lower Upper

45 100

77 13.0 0.0 33.1

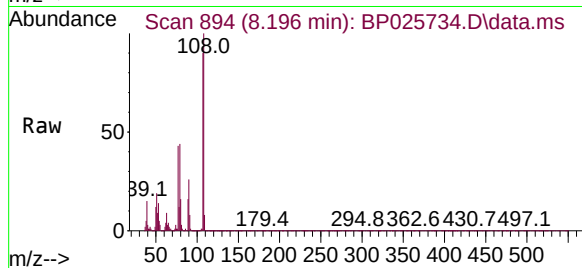
79 9.9 0.0 30.0





#17
2-Methylphenol
Concen: 42.200 ng
RT: 8.196 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

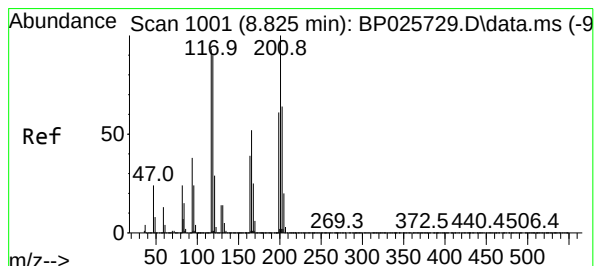
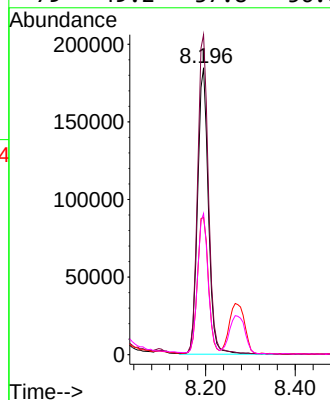
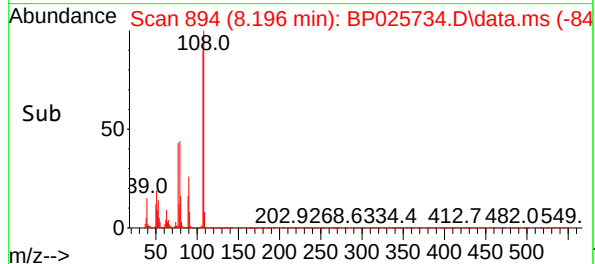
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



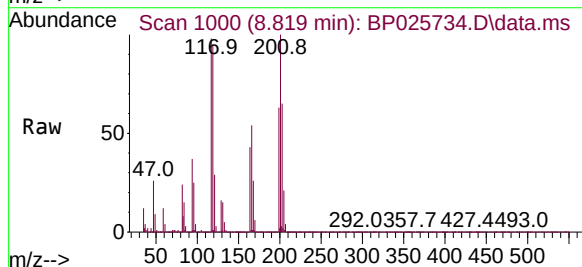
Tgt Ion:107 Resp: 307102
Ion Ratio Lower Upper
107 100
108 111.6 89.6 134.4
77 47.9 39.3 58.9
79 49.2 37.8 56.6

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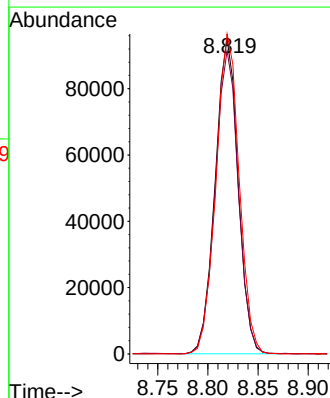
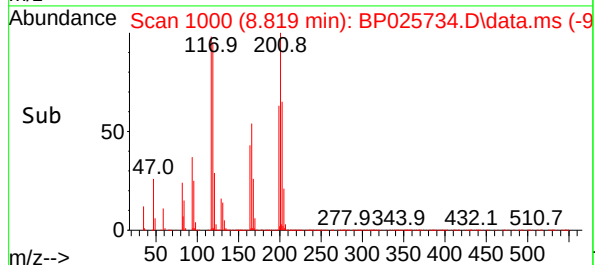
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

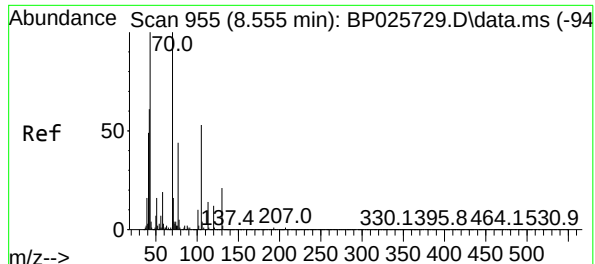


#18
Hexachloroethane
Concen: 40.508 ng
RT: 8.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54



Tgt Ion:117 Resp: 151554
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7
201 101.5 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.761 ng

RT: 8.548 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion: 70 Resp: 312448

Ion Ratio Lower Upper

70 100

42 62.0 49.0 73.4

101 10.0 7.9 11.9

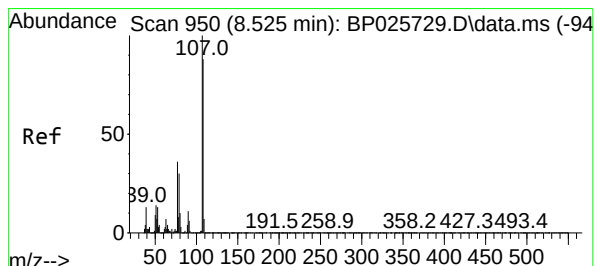
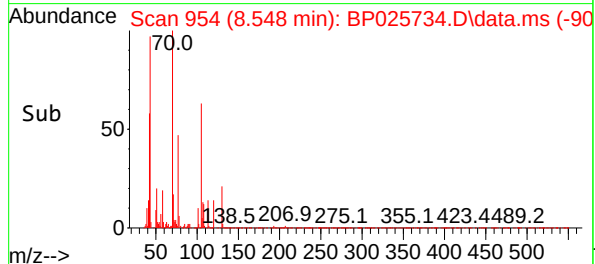
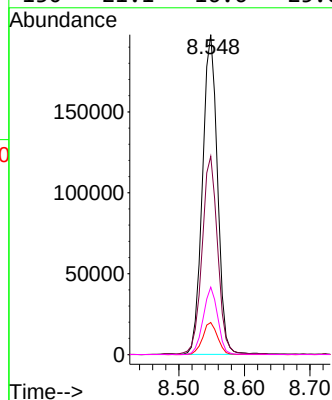
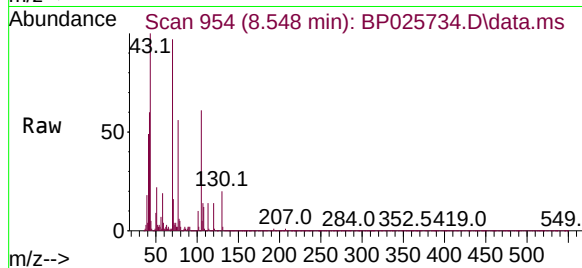
130 21.1 16.6 25.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#20

3+4-Methylphenols

Concen: 41.117 ng

RT: 8.519 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:107 Resp: 419059

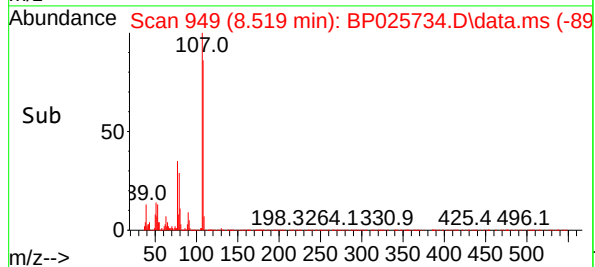
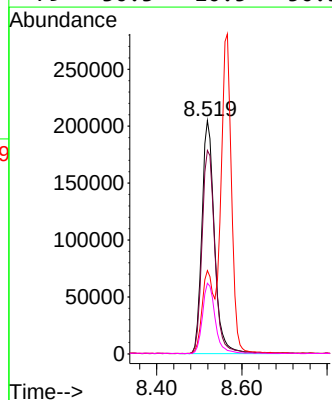
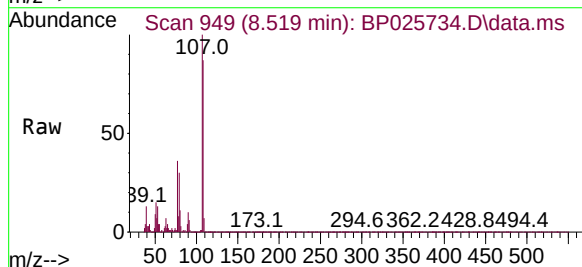
Ion Ratio Lower Upper

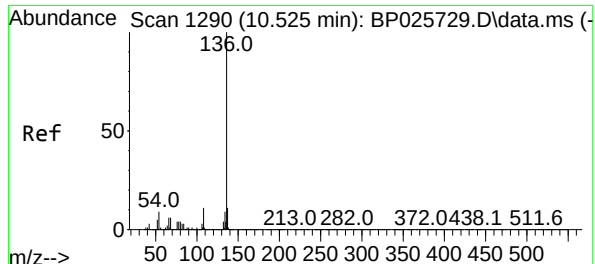
107 100

108 87.2 67.8 107.8

77 35.7 16.1 56.1

79 30.3 10.5 50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.525 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:136 Resp: 536934

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.0 7.5 11.3

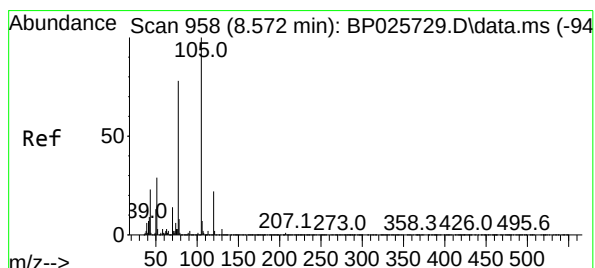
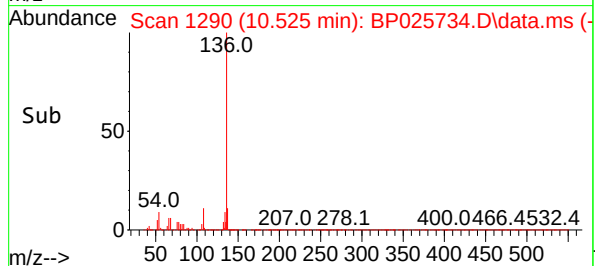
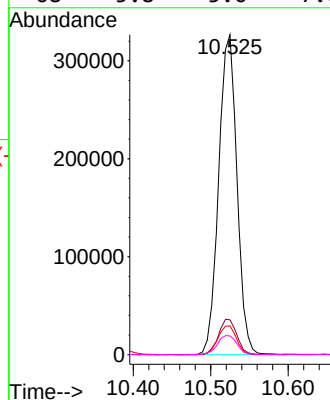
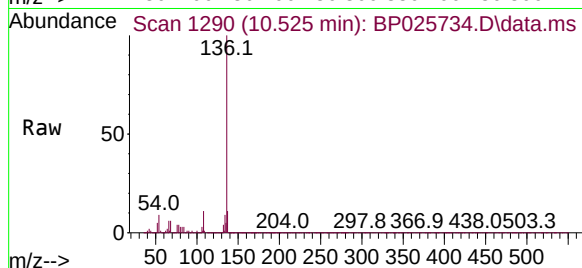
68 5.8 5.0 7.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#22

Acetophenone

Concen: 41.077 ng

RT: 8.566 min Scan# 957

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:105 Resp: 589415

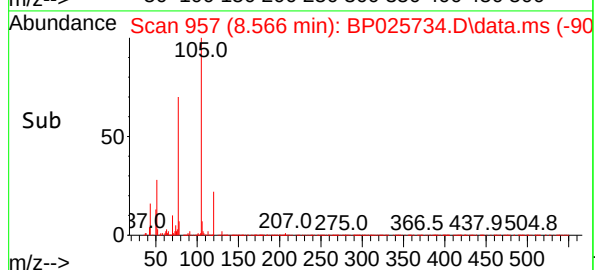
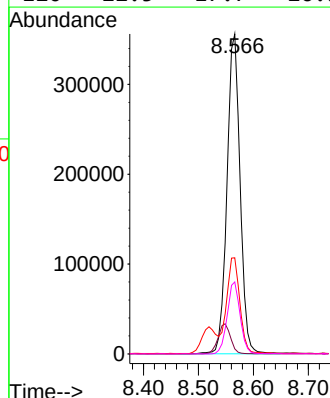
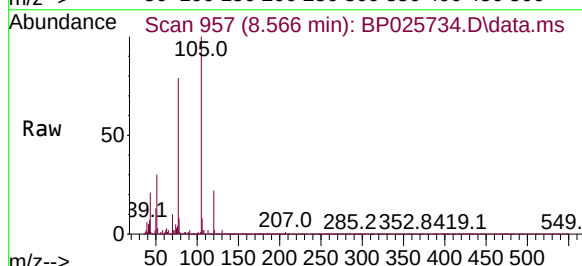
Ion Ratio Lower Upper

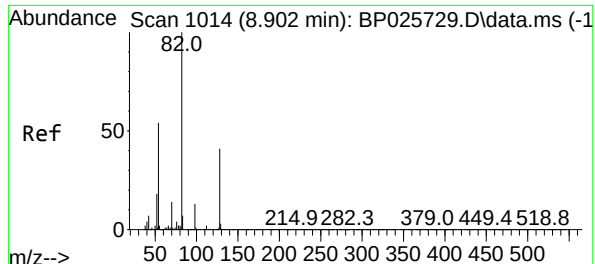
105 100

71 1.6 1.8 2.8

51 30.0 23.5 35.3

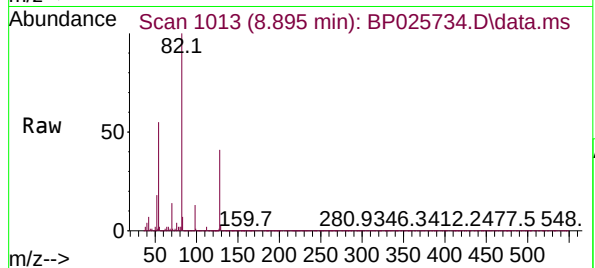
120 22.5 17.7 26.5





#23
Nitrobenzene-d5
Concen: 69.063 ng
RT: 8.895 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

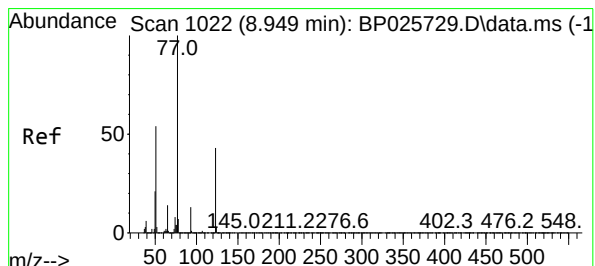
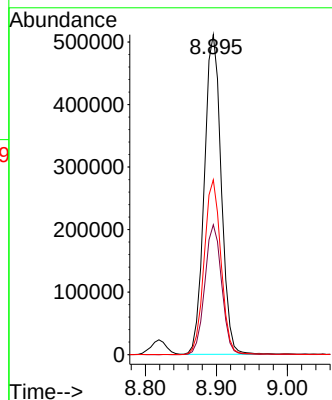
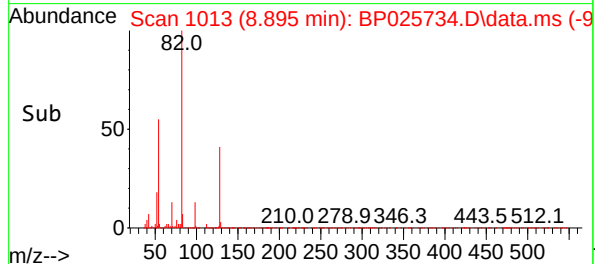
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 82 Resp: 840652
Ion Ratio Lower Upper
82 100
128 40.6 32.9 49.3
54 54.6 43.4 65.2

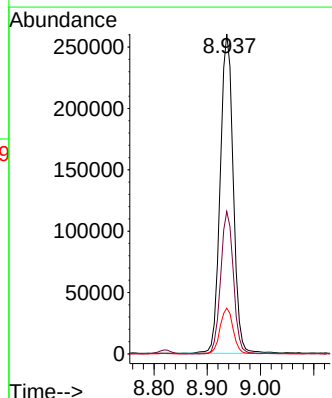
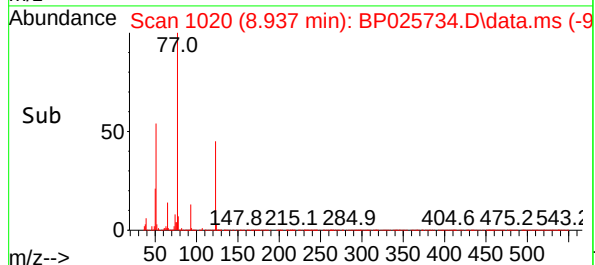
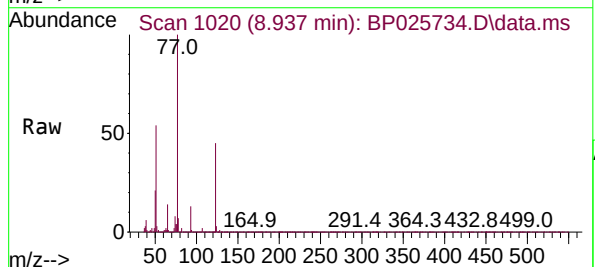
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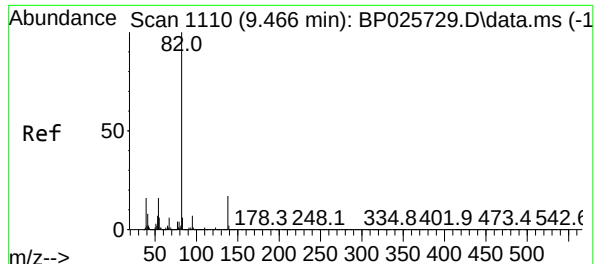
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#24
Nitrobenzene
Concen: 40.477 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 77 Resp: 442005
Ion Ratio Lower Upper
77 100
123 44.5 34.4 51.6
65 14.3 10.8 16.2





#25

Isophorone

Concen: 40.570 ng

RT: 9.466 min Scan# 1110

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

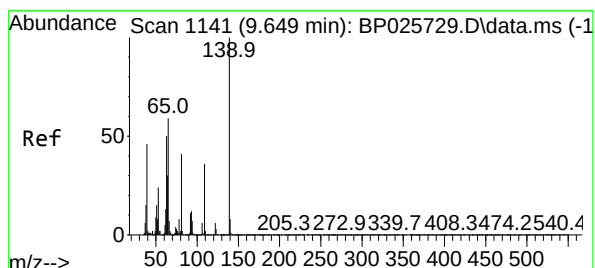
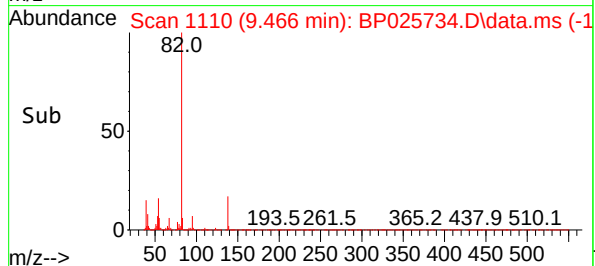
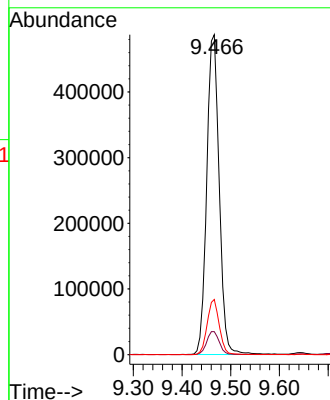
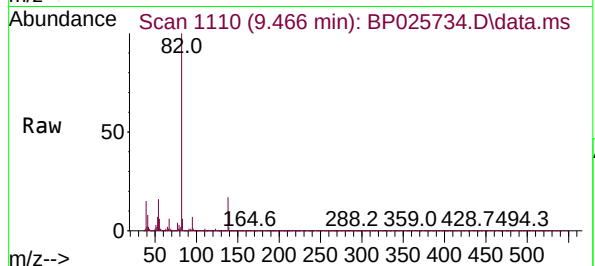
Tgt Ion:	82	Resp:	86799
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	17.2	13.5	20.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#26

2-Nitrophenol

Concen: 42.019 ng

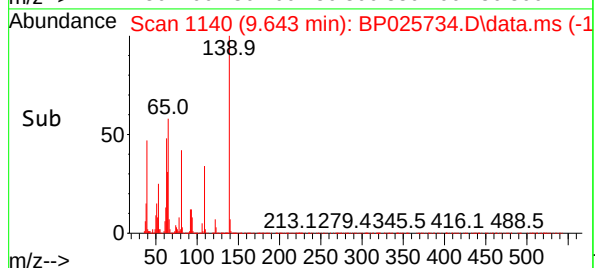
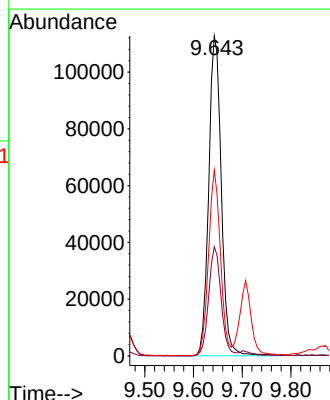
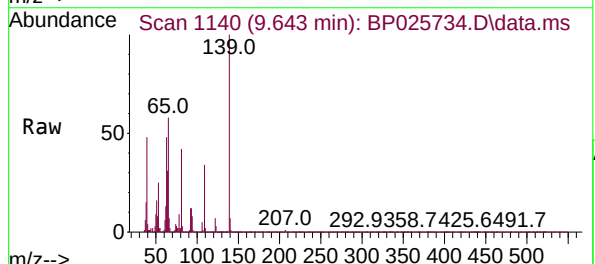
RT: 9.643 min Scan# 1140

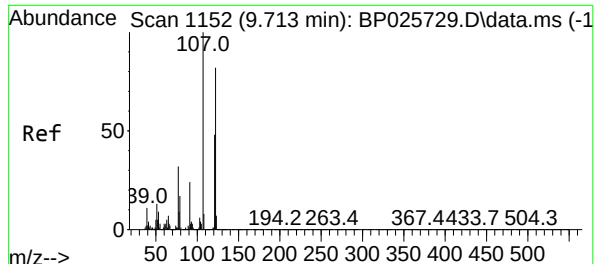
Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:	139	Resp:	203715
Ion	Ratio	Lower	Upper
139	100		
109	34.1	29.0	43.4
65	58.0	46.9	70.3





#27

2,4-Dimethylphenol

Concen: 41.566 ng

RT: 9.707 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

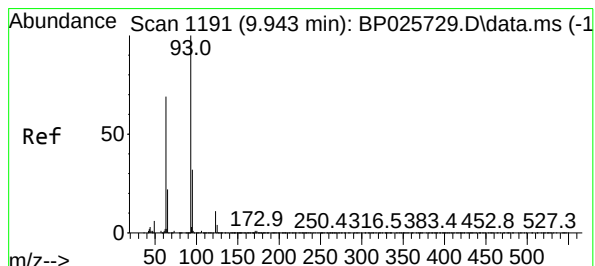
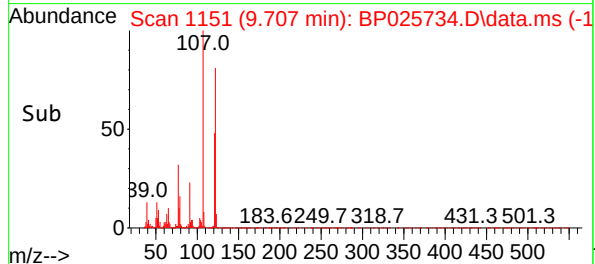
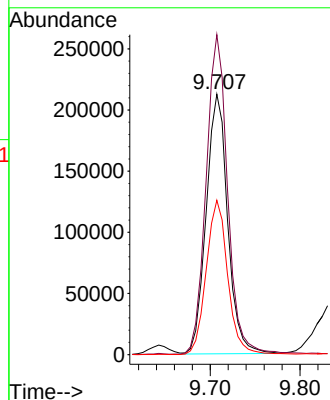
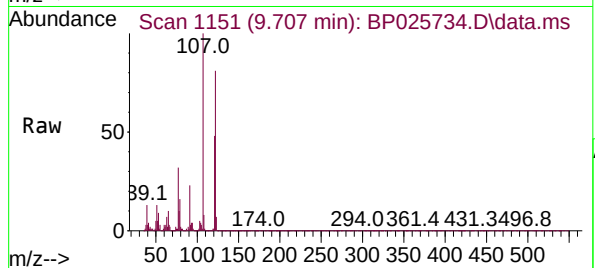
Tgt Ion:	122	Resp:	353536
Ion	Ratio	Lower	Upper
122	100		
107	122.9	97.9	146.9
121	59.3	47.4	71.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.986 ng

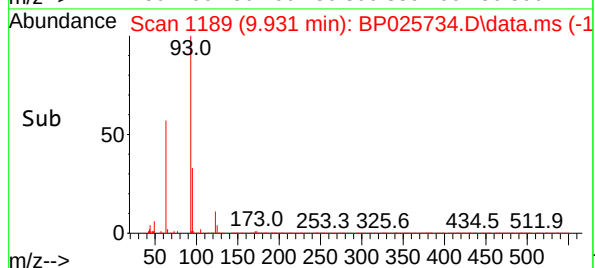
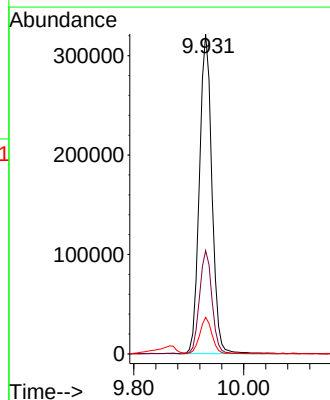
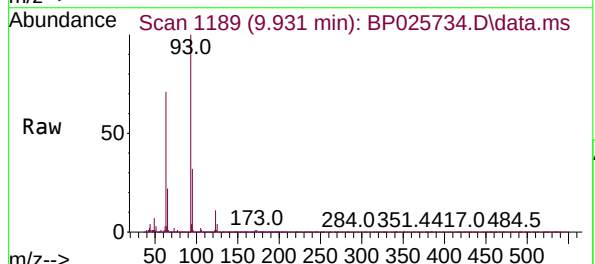
RT: 9.931 min Scan# 1189

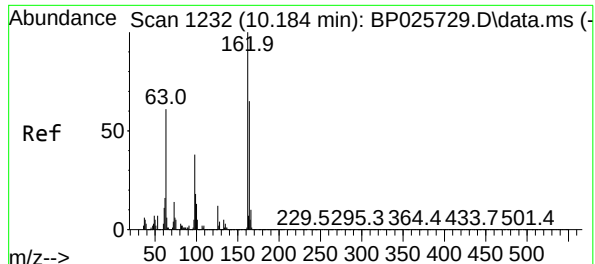
Delta R.T. -0.012 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:	93	Resp:	506887
Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.6	38.4
123	11.5	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.410 ng

RT: 10.184 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:162 Resp: 351168

Ion Ratio Lower Upper

162 100

164 63.7 44.7 84.7

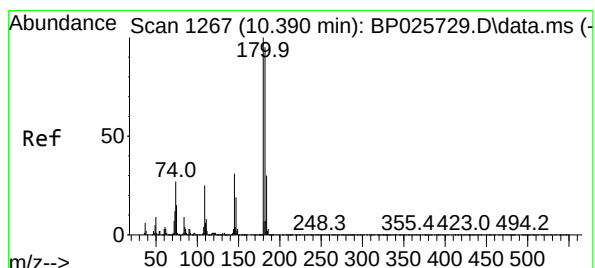
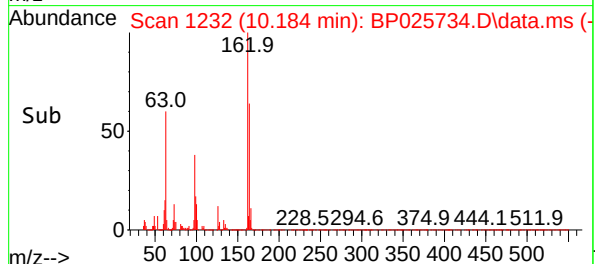
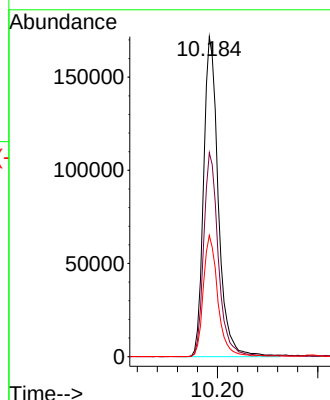
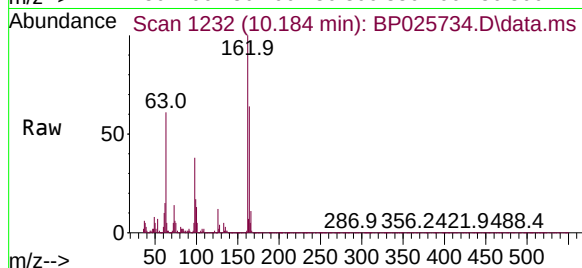
98 37.9 18.1 58.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#30

1,2,4-Trichlorobenzene

Concen: 39.530 ng

RT: 10.390 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

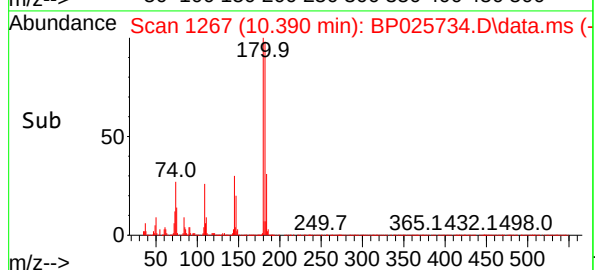
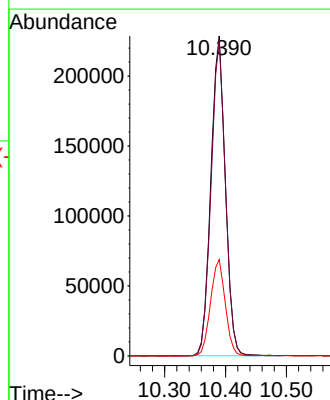
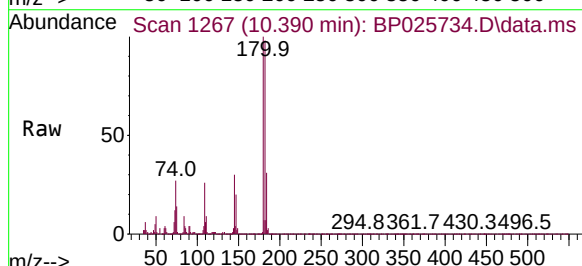
Tgt Ion:180 Resp: 377799

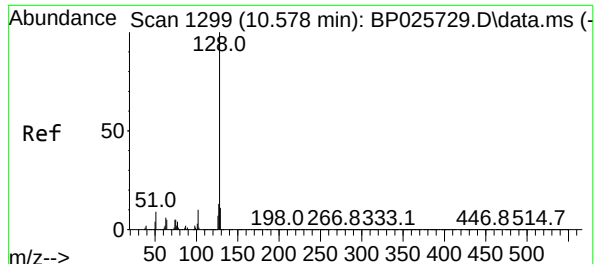
Ion Ratio Lower Upper

180 100

182 98.5 76.0 114.0

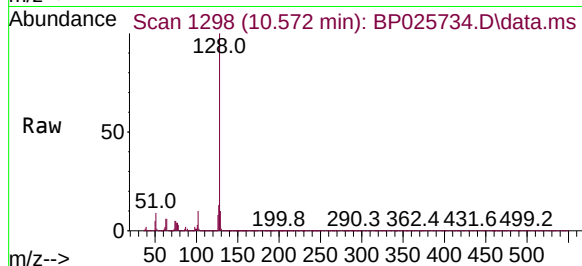
145 30.1 24.7 37.1





#31
Naphthalene
Concen: 39.618 ng
RT: 10.572 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

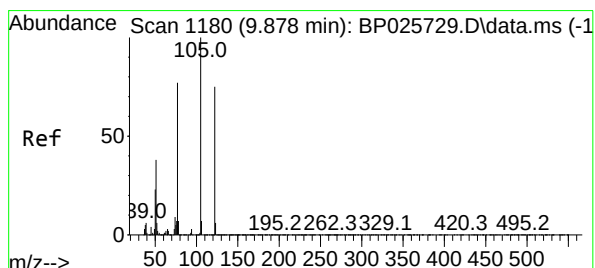
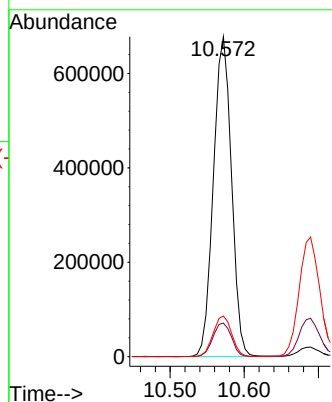
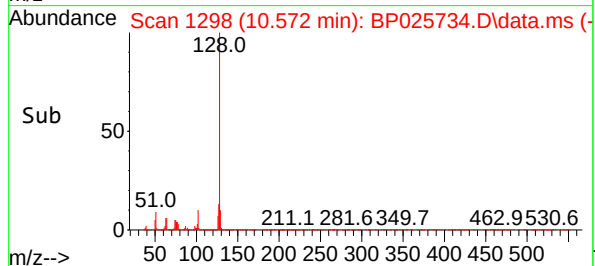
Instrument :
BNA_P
Client Sample Id :
ICVBP091225



Tgt Ion:128 Resp: 1147015
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.7 10.2 15.4

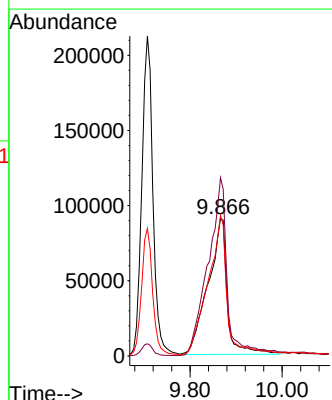
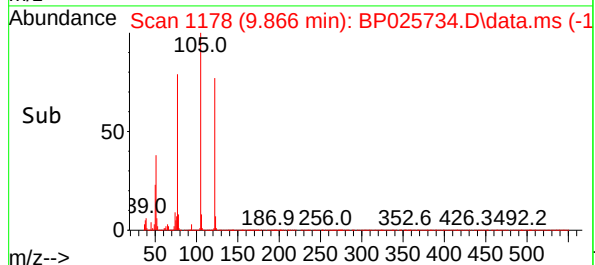
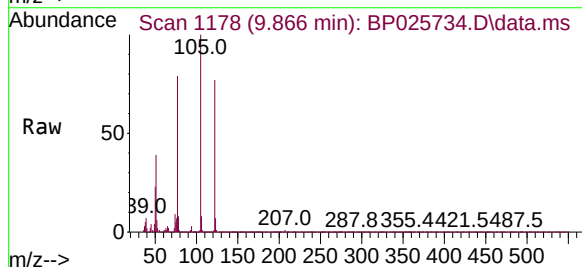
Manual Integrations
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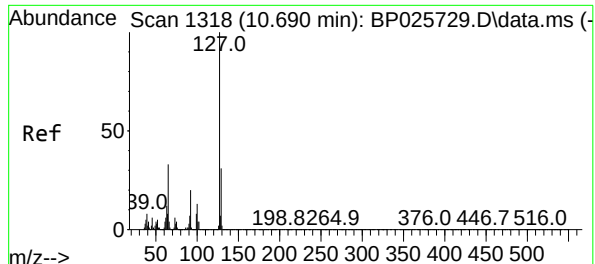
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#32
Benzoic acid
Concen: 41.287 ng
RT: 9.866 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

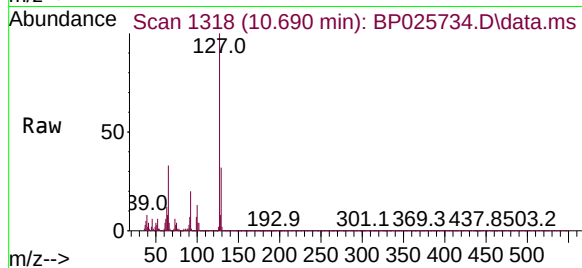
Tgt Ion:122 Resp: 261084
Ion Ratio Lower Upper
122 100
105 129.7 111.5 151.5
77 102.2 81.8 121.8





#33
4-Chloroaniline
Concen: 42.370 ng
RT: 10.690 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

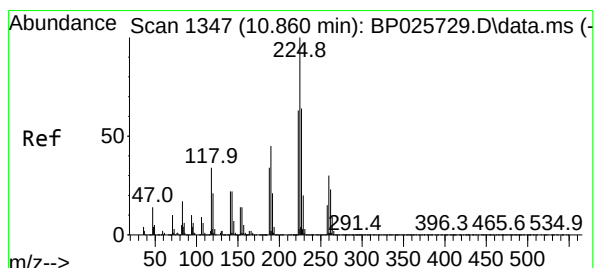
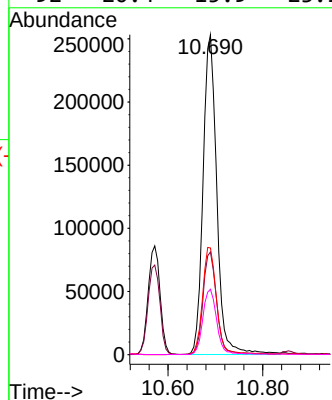
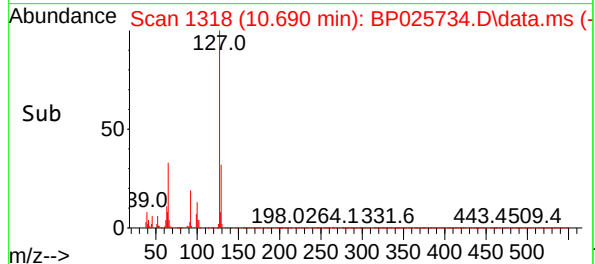
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:127 Resp: 511290
Ion Ratio Lower Upper
127 100
129 32.1 25.1 37.7
65 33.3 26.4 39.6
92 20.4 15.9 23.9

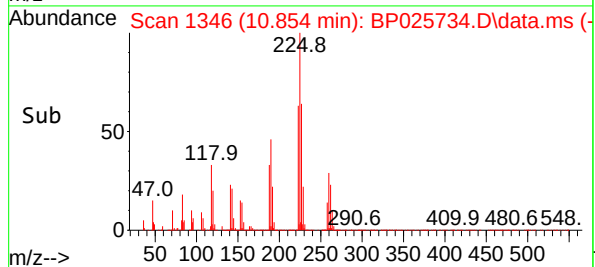
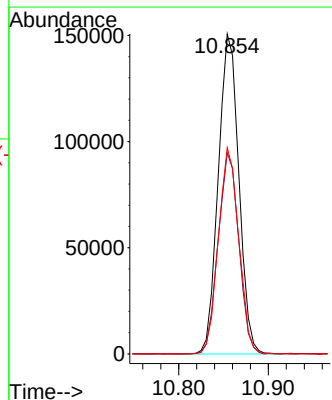
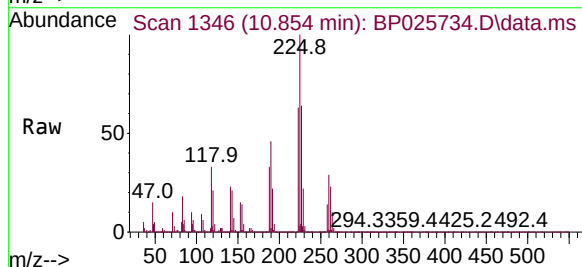
Manual Integrations
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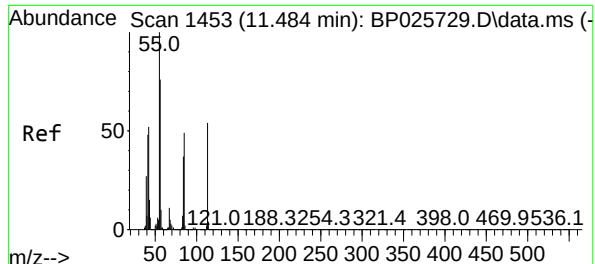
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#34
Hexachlorobutadiene
Concen: 39.159 ng
RT: 10.854 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

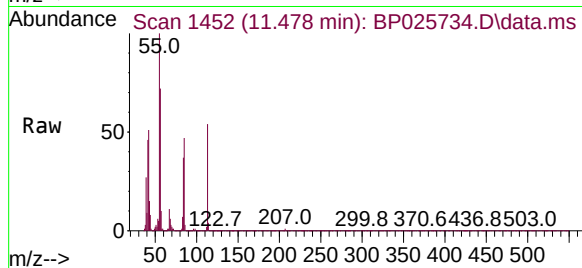
Tgt Ion:225 Resp: 240927
Ion Ratio Lower Upper
225 100
223 62.8 50.1 75.1
227 64.4 51.2 76.8





#35
Caprolactam
Concen: 39.662 ng
RT: 11.478 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

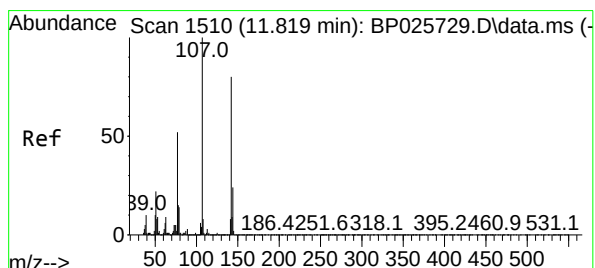
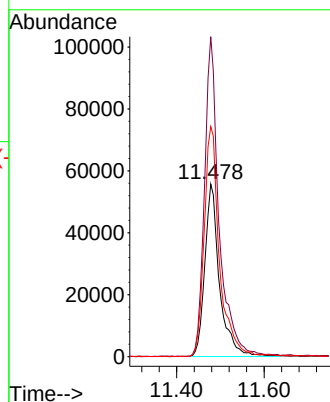
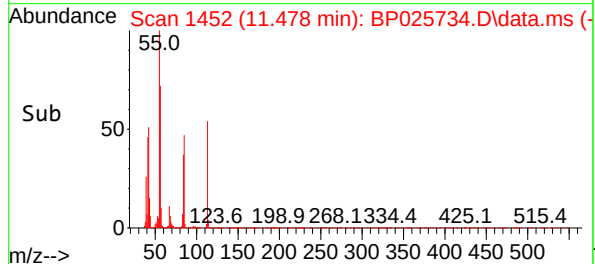
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:113 Resp: 129656
Ion Ratio Lower Upper
113 100
55 185.4 165.5 205.5
56 133.3 121.1 161.1

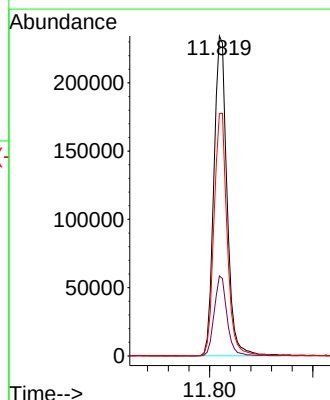
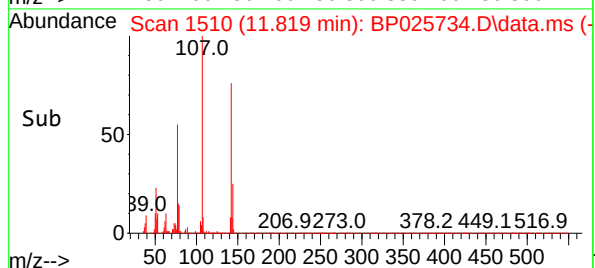
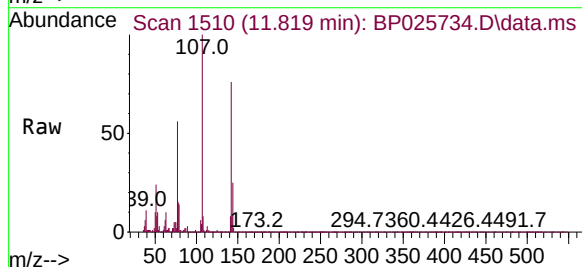
Manual Integrations
APPROVED

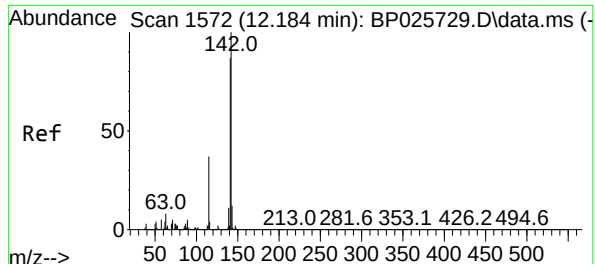
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#36
4-Chloro-3-methylphenol
Concen: 40.986 ng
RT: 11.819 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:107 Resp: 414385
Ion Ratio Lower Upper
107 100
144 25.0 19.4 29.2
142 75.7 63.8 95.6





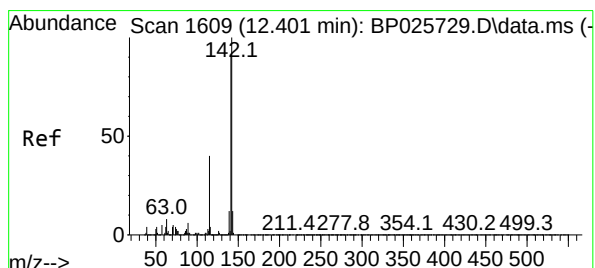
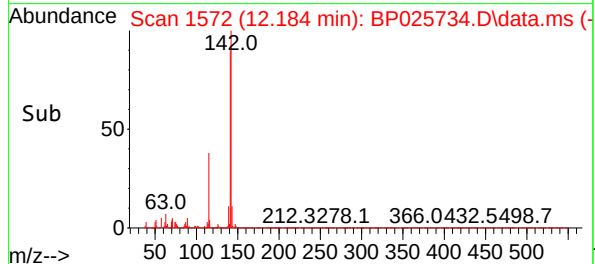
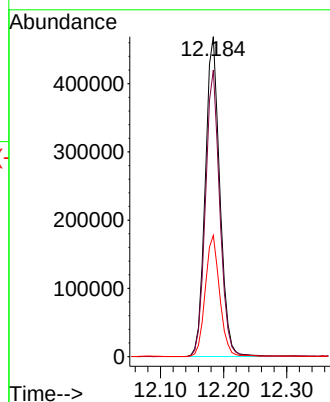
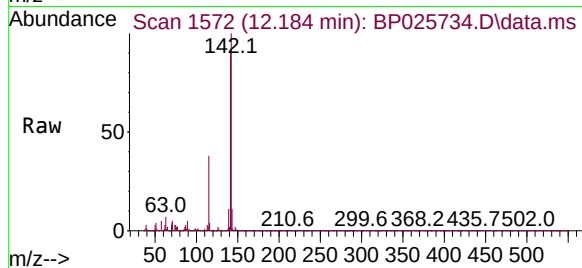
#37
2-Methylnaphthalene
Concen: 40.396 ng
RT: 12.184 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:142 Resp: 751182
Ion Ratio Lower Upper
142 100
141 89.6 69.6 104.4
115 37.9 30.0 45.0

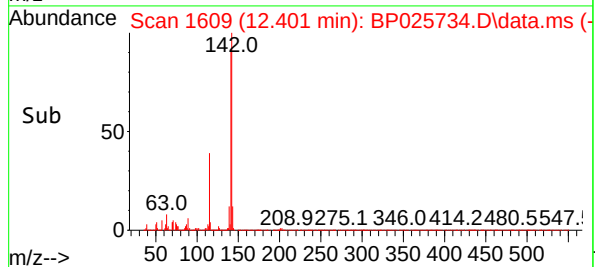
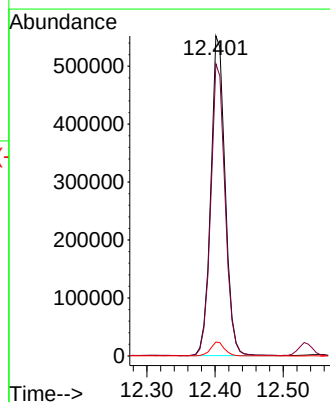
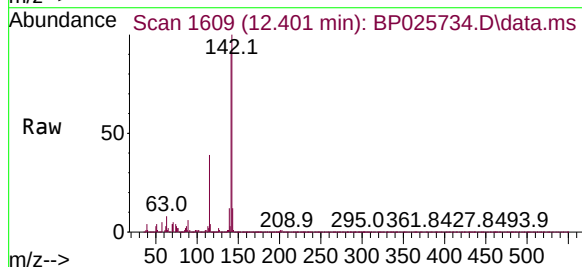
Manual Integrations
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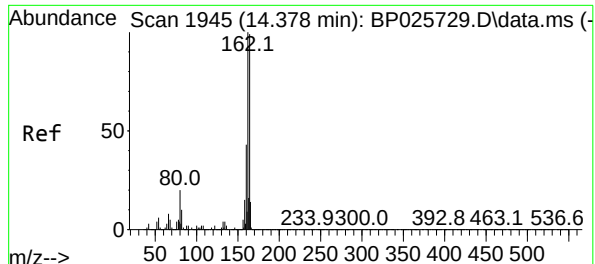
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#38
1-Methylnaphthalene
Concen: 40.566 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:142 Resp: 804402
Ion Ratio Lower Upper
142 100
141 91.3 72.7 109.1
116 4.3 3.5 5.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.378 min Scan# 1945

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:164 Resp: 375383

Ion Ratio Lower Upper

164 100

162 101.7 80.6 120.8

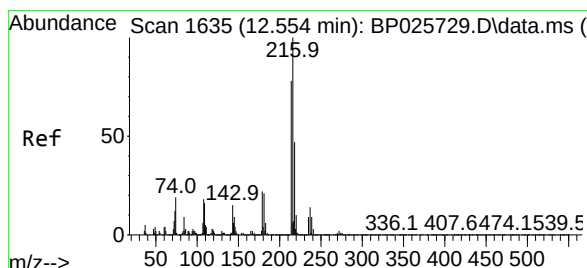
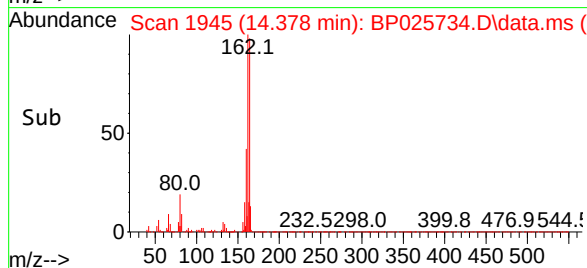
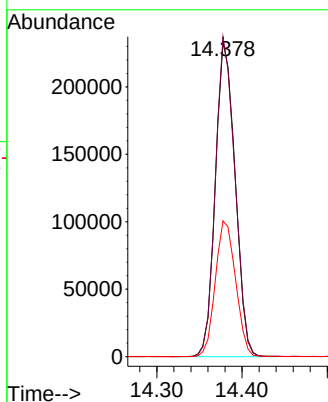
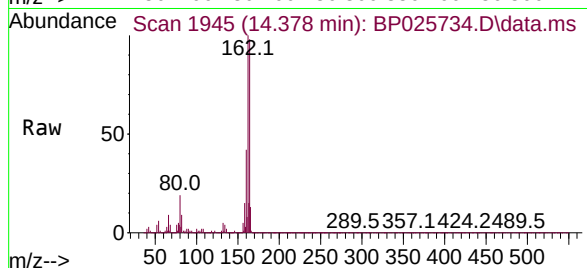
160 43.1 35.0 52.6

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.058 ng

RT: 12.554 min Scan# 1635

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:216 Resp: 455659

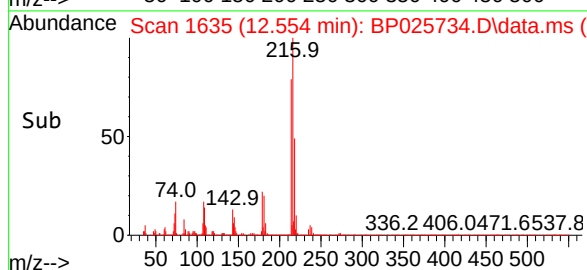
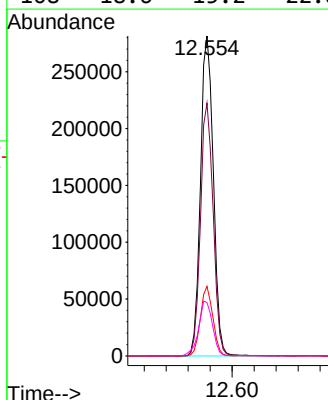
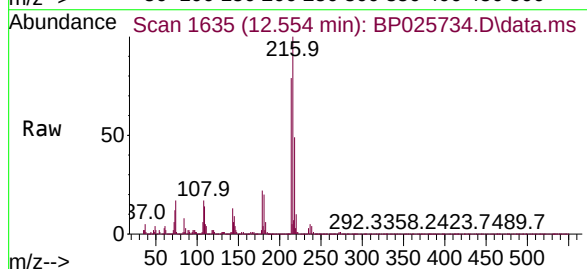
Ion Ratio Lower Upper

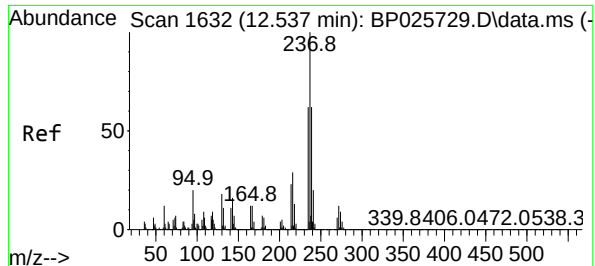
216 100

214 78.0 62.4 93.6

179 21.0 17.0 25.6

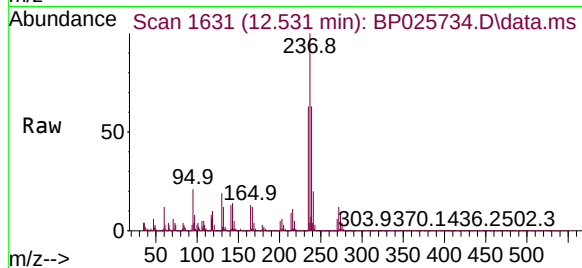
108 18.6 15.2 22.8





#41
Hexachlorocyclopentadiene
Concen: 40.525 ng
RT: 12.531 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

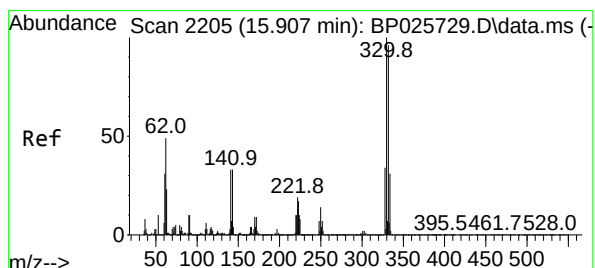
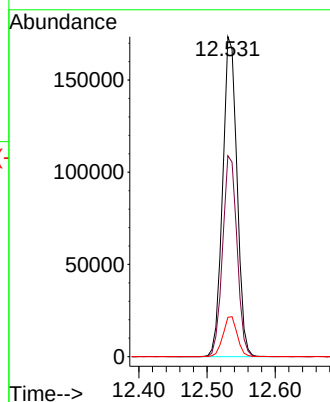
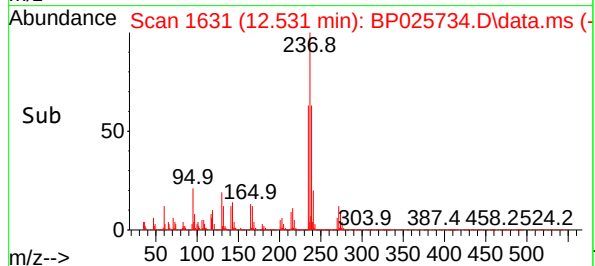
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 237 Resp: 251065
Ion Ratio Lower Upper
237 100
235 62.8 41.9 81.9
272 12.3 0.0 31.8

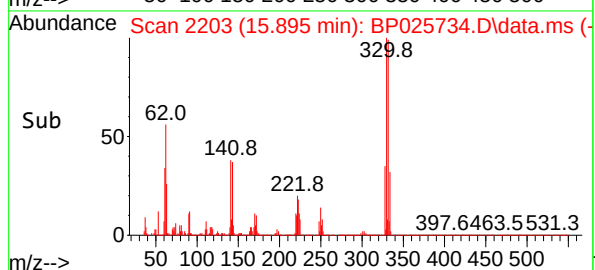
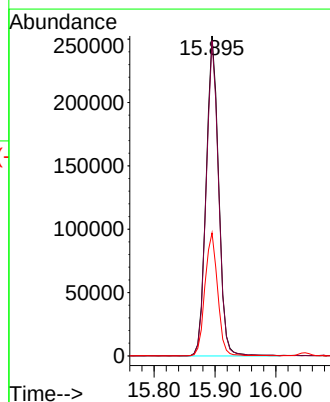
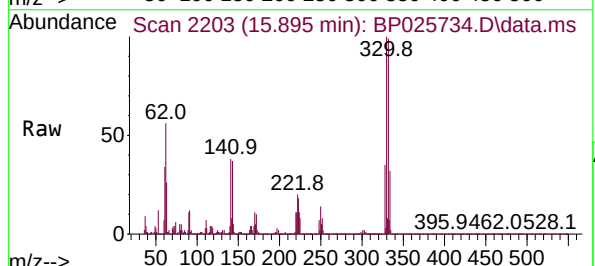
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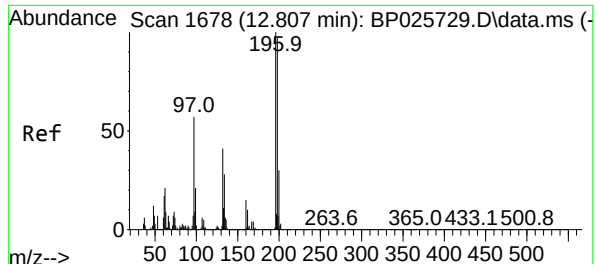
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#42
2,4,6-Tribromophenol
Concen: 76.715 ng
RT: 15.895 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 330 Resp: 359192
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 39.0 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 41.695 ng

RT: 12.801 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

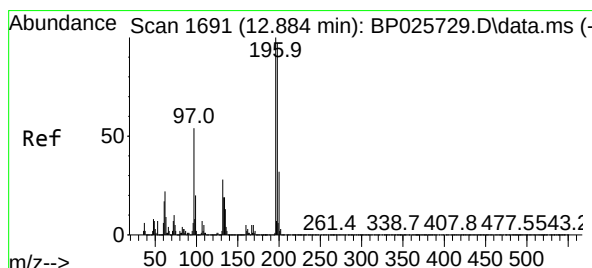
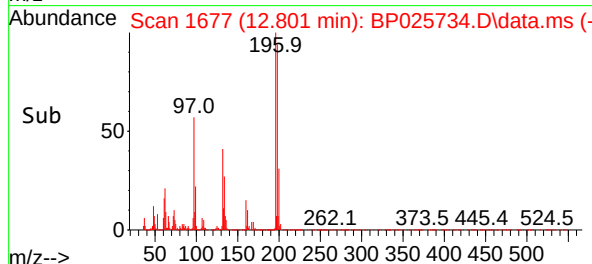
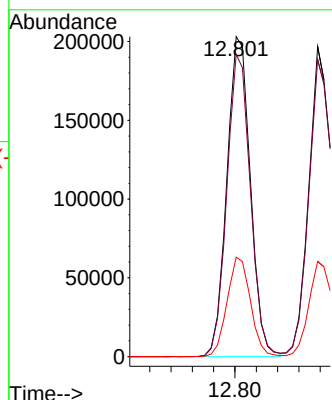
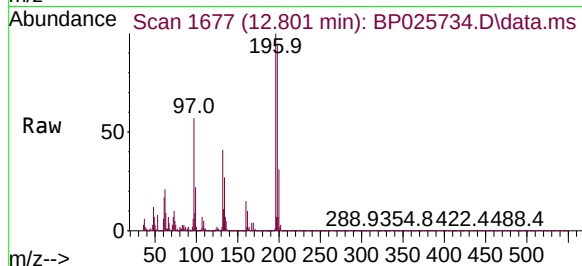
ICVBP091225

Tgt Ion:196	Resp: 311792
Ion Ratio	Lower Upper
196	100
198	94.5 77.2 115.8
200	31.1 24.2 36.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#44

2,4,5-Trichlorophenol

Concen: 40.344 ng

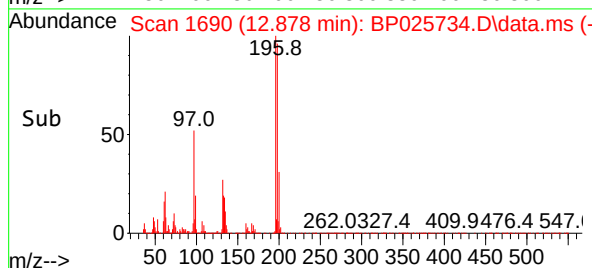
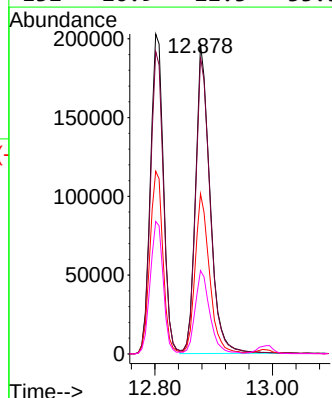
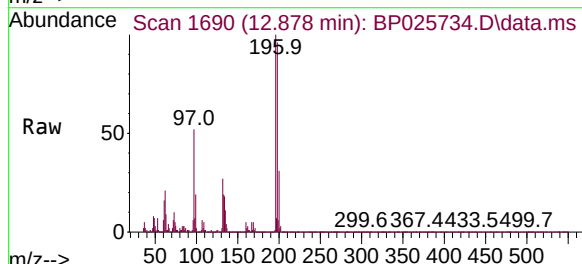
RT: 12.878 min Scan# 1690

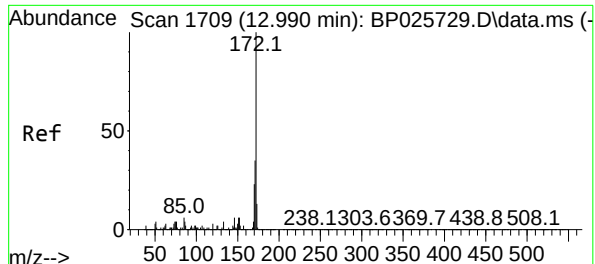
Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

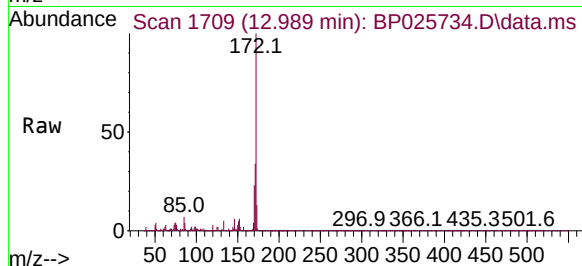
Tgt Ion:196	Resp: 335762
Ion Ratio	Lower Upper
196	100
198	95.8 77.8 116.8
97	51.6 43.3 64.9
132	26.9 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 69.102 ng
RT: 12.989 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

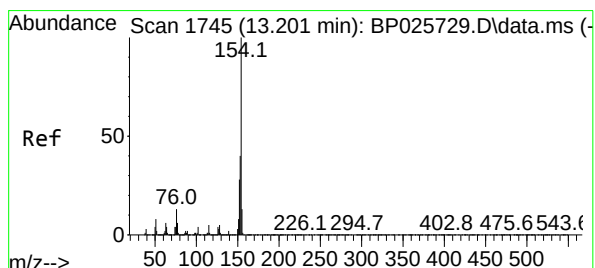
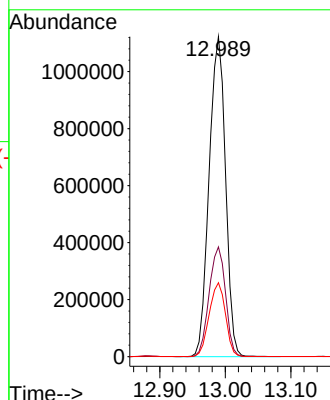
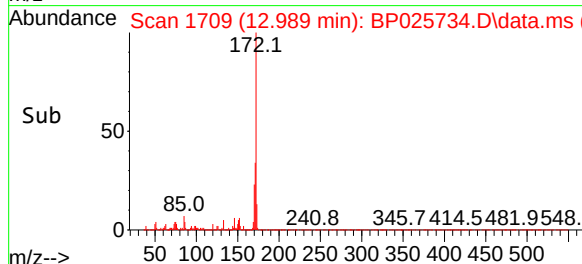
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



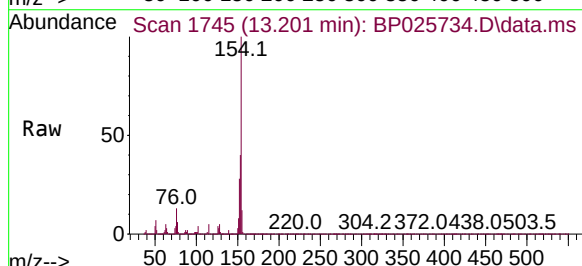
Tgt Ion:172 Resp: 1948137
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 23.1 18.6 27.8

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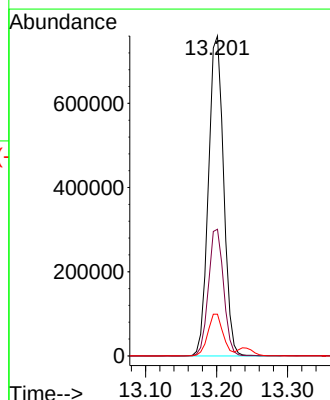
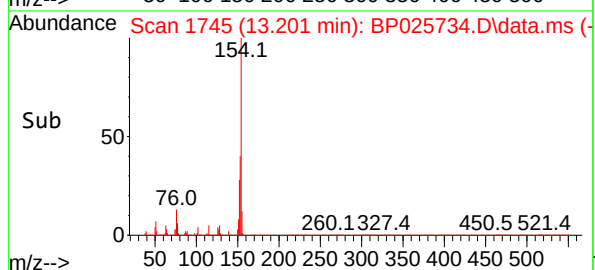
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

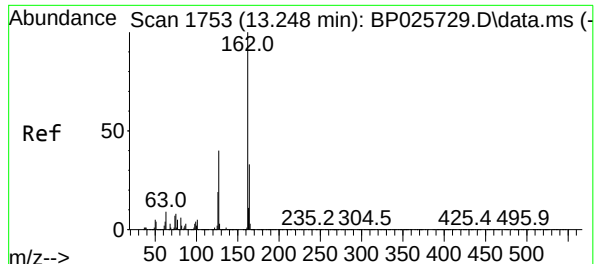


#46
1,1'-Biphenyl
Concen: 40.692 ng
RT: 13.201 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54



Tgt Ion:154 Resp: 1121205
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 13.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.167 ng

RT: 13.242 min Scan# 1753

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

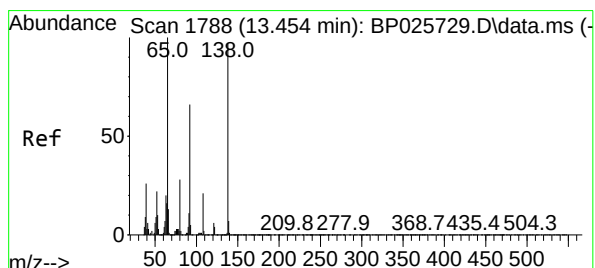
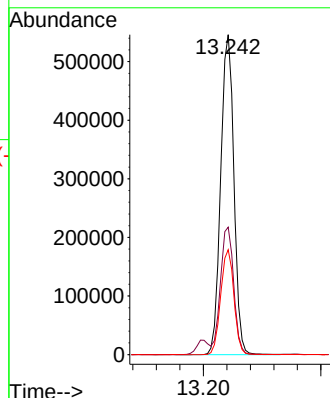
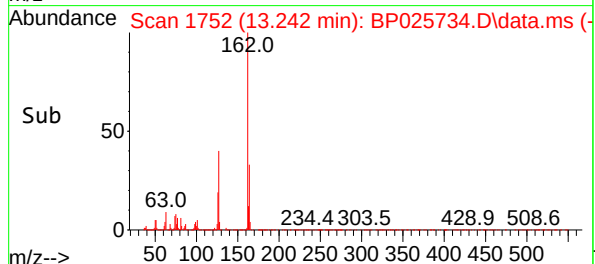
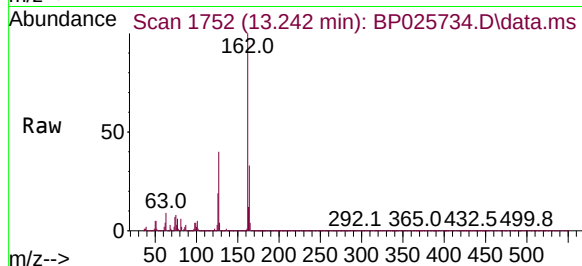
Tgt Ion:	162	Resp:	84975
Ion Ratio	Lower	Upper	
162	100		
127	39.8	32.2	48.4
164	32.8	26.5	39.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#48

2-Nitroaniline

Concen: 41.012 ng

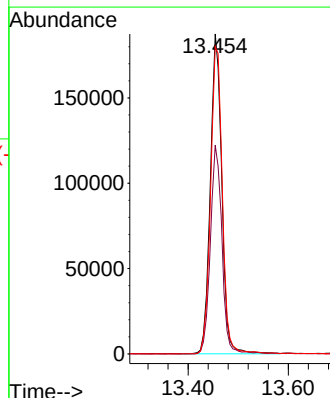
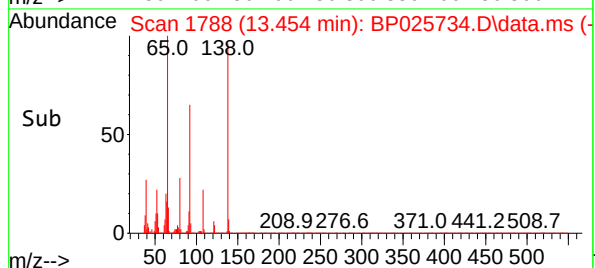
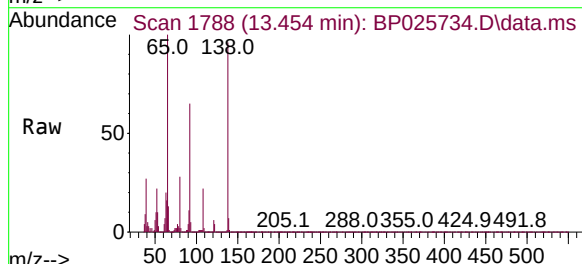
RT: 13.454 min Scan# 1788

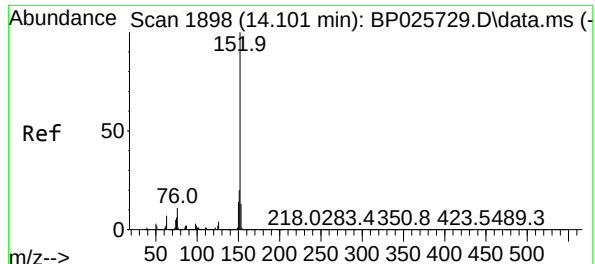
Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Tgt Ion:	65	Resp:	296601
Ion Ratio	Lower	Upper	
65	100		
92	65.3	53.1	79.7
138	96.0	77.8	116.8





#49

Acenaphthylene

Concen: 39.820 ng

RT: 14.101 min Scan# 1898

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:152 Resp: 1431405

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

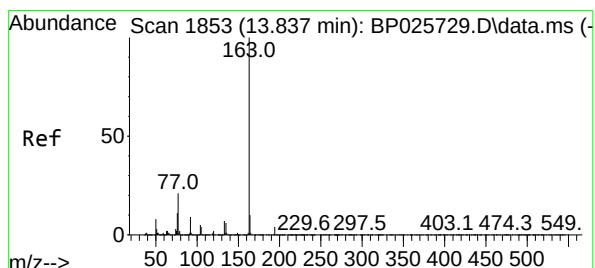
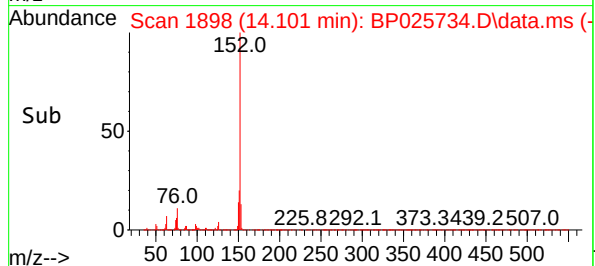
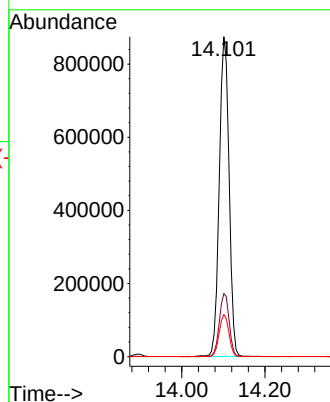
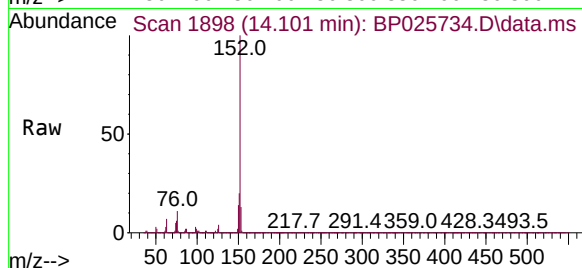
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#50

Dimethylphthalate

Concen: 39.480 ng

RT: 13.836 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

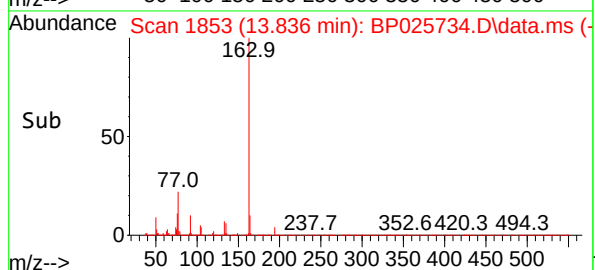
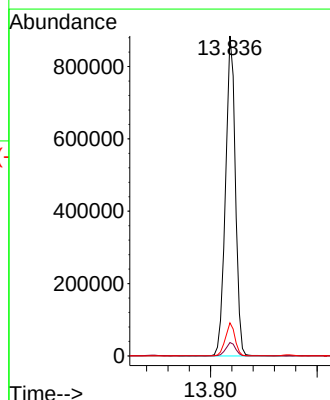
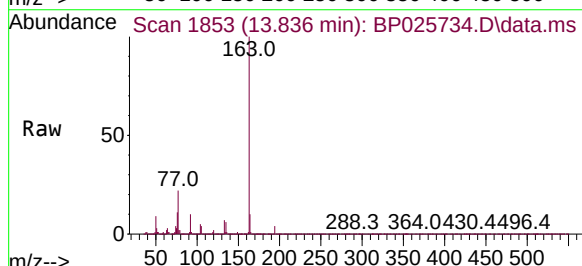
Tgt Ion:163 Resp: 1131460

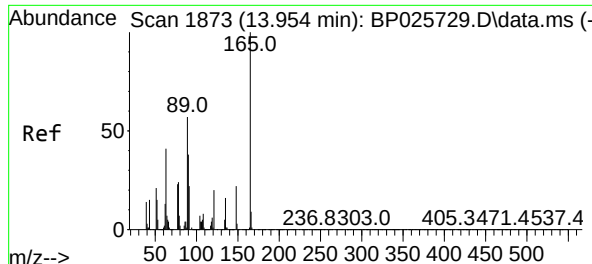
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 40.363 ng
RT: 13.948 min Scan# 1873
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

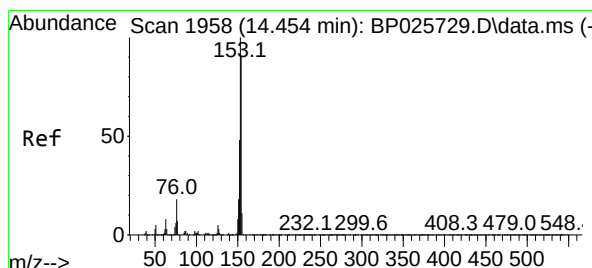
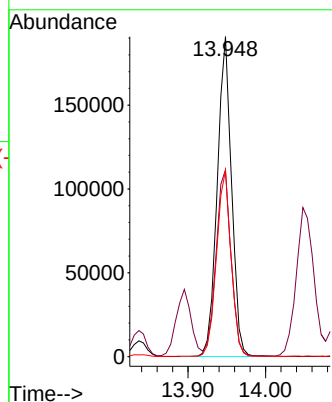
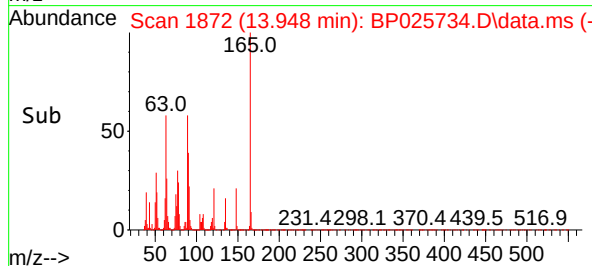
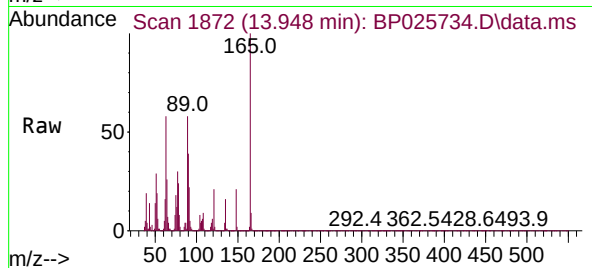
ClientSampleId :

ICVBP091225

Tgt Ion:165 Resp: 245086
Ion Ratio Lower Upper
165 100
63 58.4 48.1 72.1
89 58.1 45.4 68.0

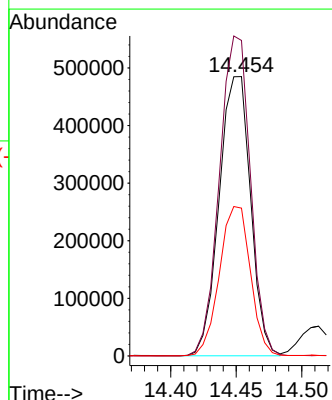
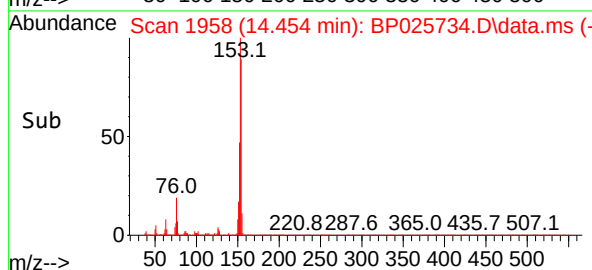
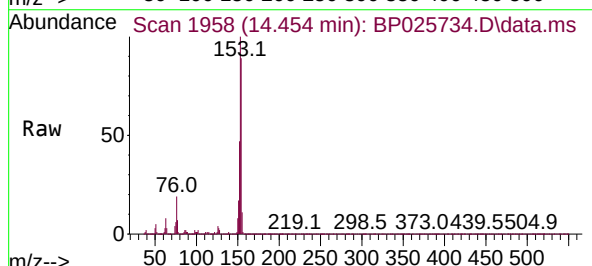
Manual Integrations
APPROVED

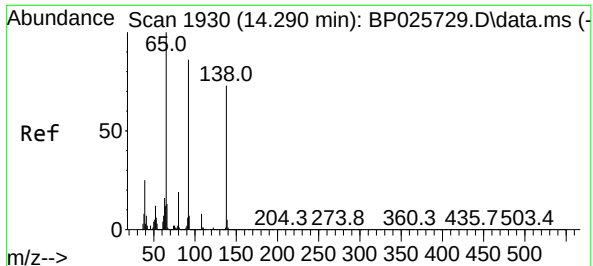
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#52
Acenaphthene
Concen: 39.008 ng
RT: 14.454 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

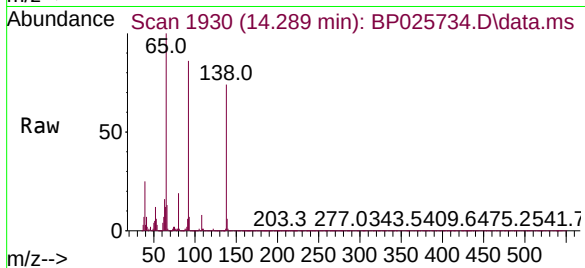
Tgt Ion:154 Resp: 808647
Ion Ratio Lower Upper
154 100
153 112.9 89.4 134.0
152 52.9 42.5 63.7





#53
3-Nitroaniline
Concen: 40.770 ng
RT: 14.289 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

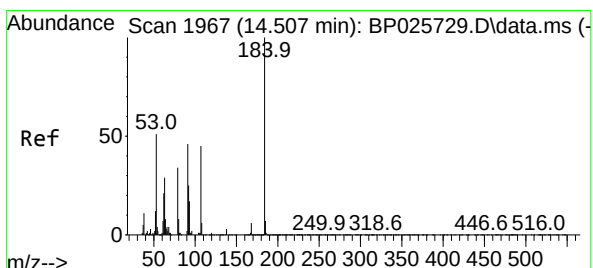
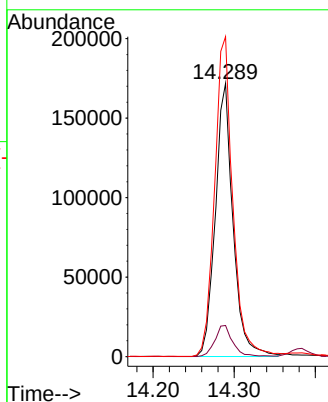
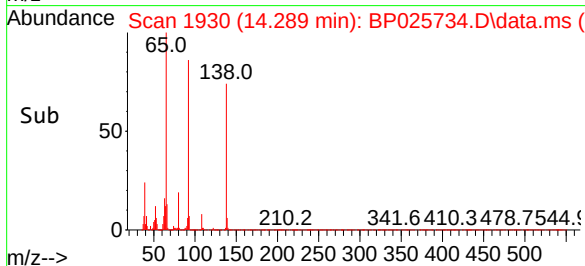
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:138 Resp: 260323
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 117.1 94.6 142.0

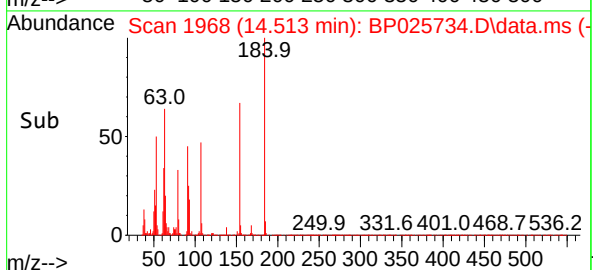
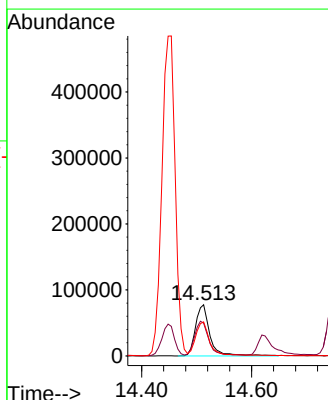
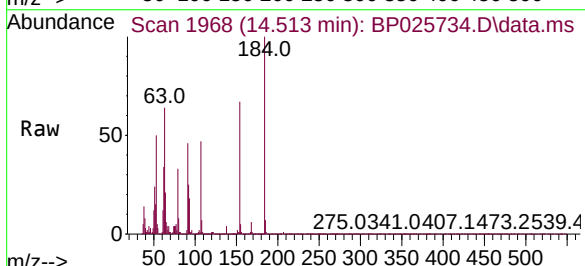
Manual Integrations
APPROVED

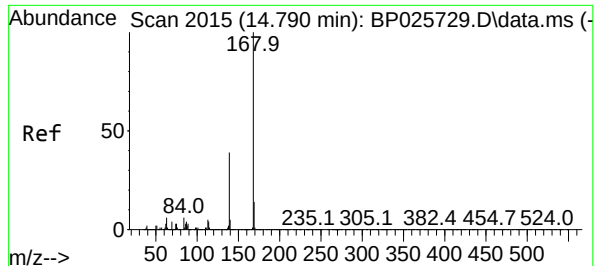
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#54
2,4-Dinitrophenol
Concen: 38.055 ng
RT: 14.513 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

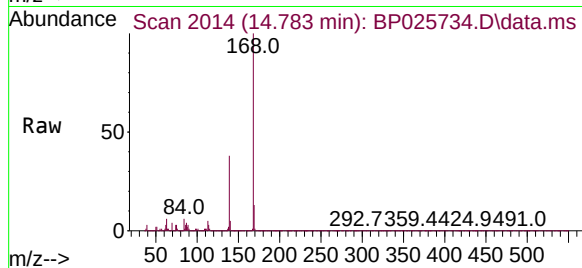
Tgt Ion:184 Resp: 139609
Ion Ratio Lower Upper
184 100
63 64.0 52.5 78.7
154 66.5 51.5 77.3





#55
Dibenzenofuran
Concen: 39.353 ng
RT: 14.783 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

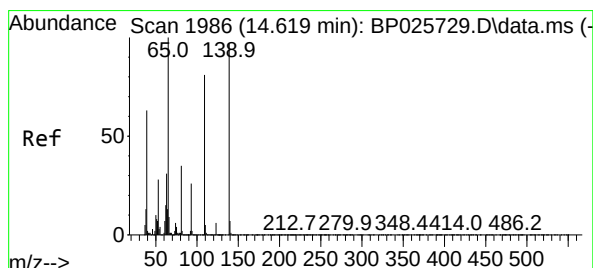
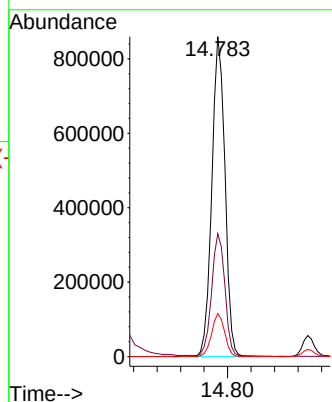
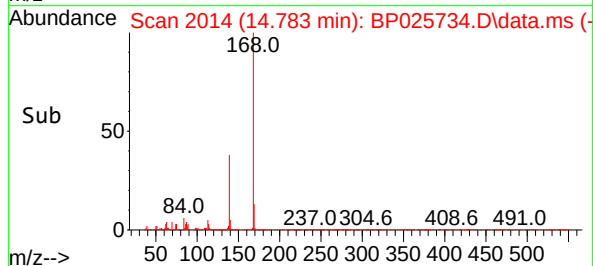
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:168 Resp: 1329616
Ion Ratio Lower Upper
168 100
139 38.4 31.7 47.5
169 13.4 10.8 16.2

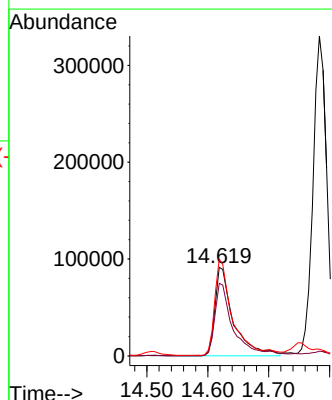
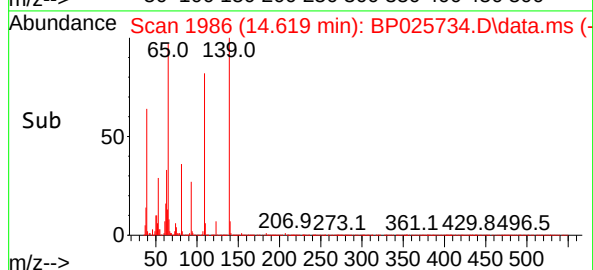
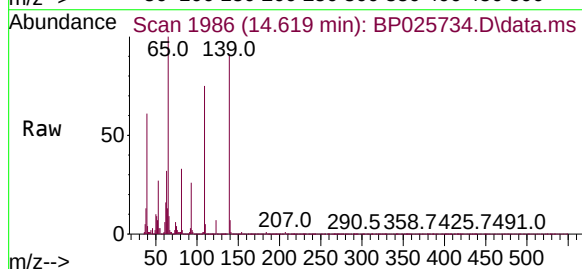
Manual Integrations
APPROVED

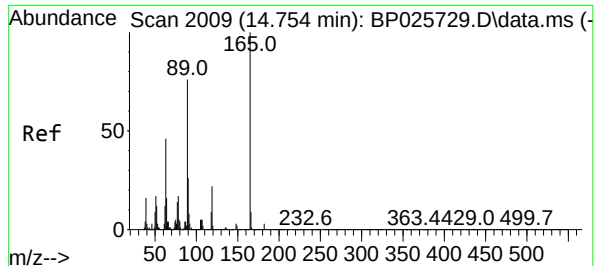
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#56
4-Nitrophenol
Concen: 37.582 ng
RT: 14.619 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:139 Resp: 192803
Ion Ratio Lower Upper
139 100
109 81.9 62.9 102.9
65 109.3 83.4 123.4





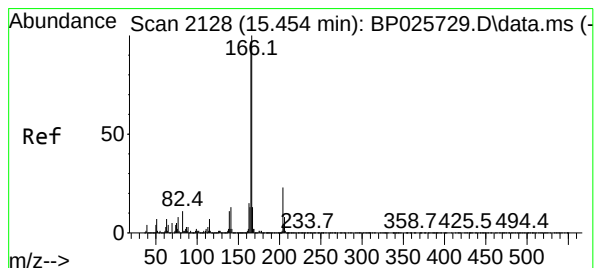
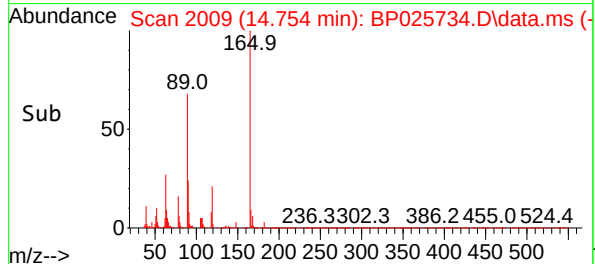
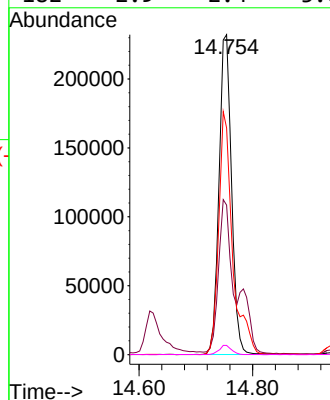
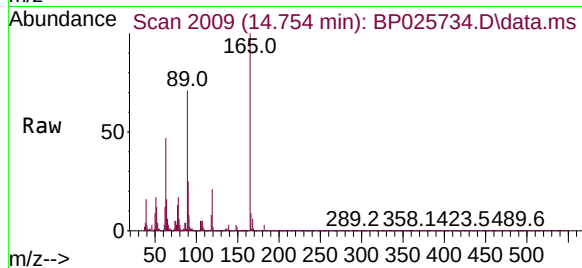
#57
2,4-Dinitrotoluene
Concen: 40.928 ng
RT: 14.754 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:165 Resp: 353669
Ion Ratio Lower Upper
165 100
63 46.7 37.7 56.5
89 70.8 61.0 91.6
182 2.9 2.4 3.6

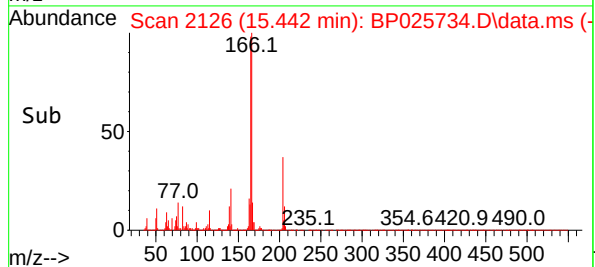
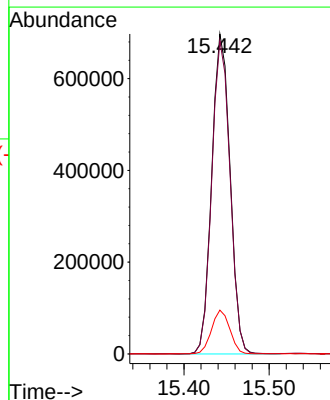
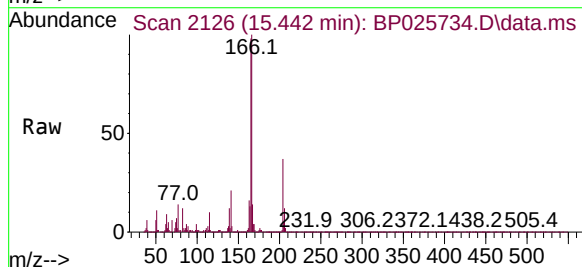
Manual Integrations
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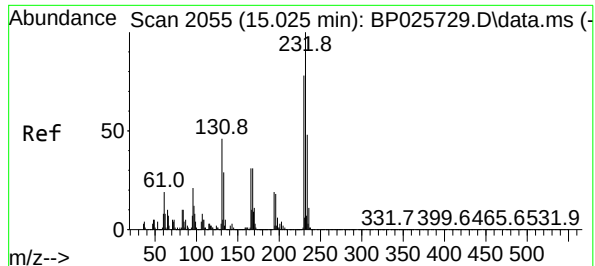
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#58
Fluorene
Concen: 38.831 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:166 Resp: 1043250
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.712 ng

RT: 15.019 min Scan# 2054

Delta R.T. -0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:232 Resp: 297719

Ion Ratio Lower Upper

232 100

131 45.5 36.7 55.1

130 2.6 2.0 3.0

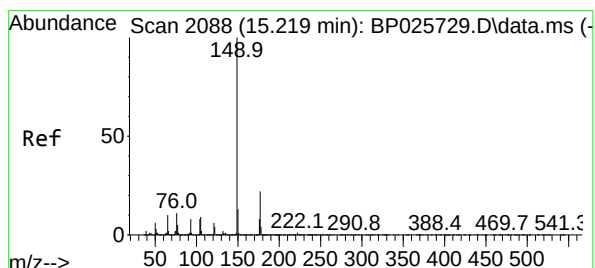
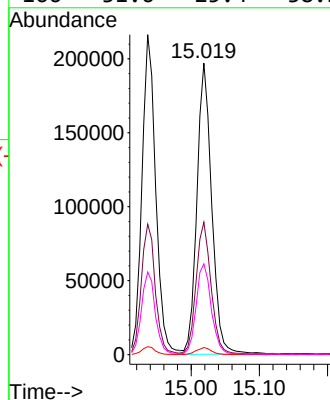
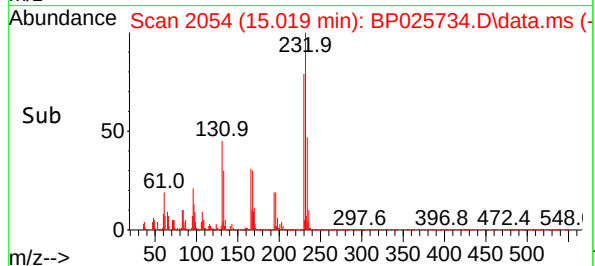
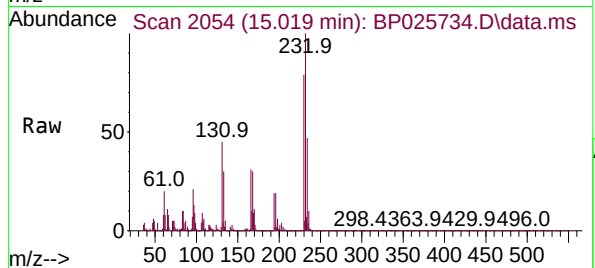
166 31.6 25.4 38.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#60

Diethylphthalate

Concen: 40.039 ng

RT: 15.219 min Scan# 2088

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

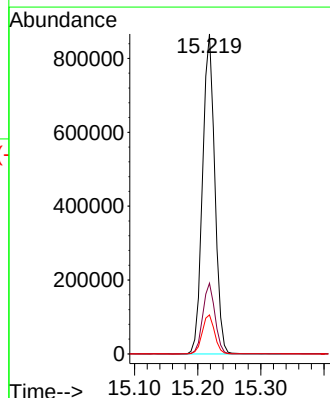
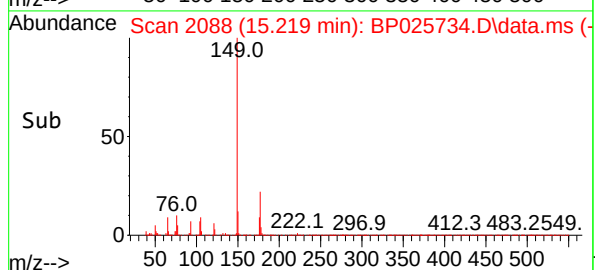
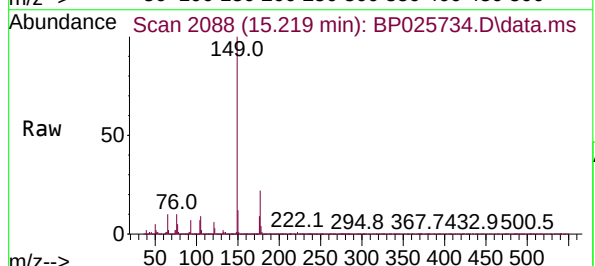
Tgt Ion:149 Resp: 1163950

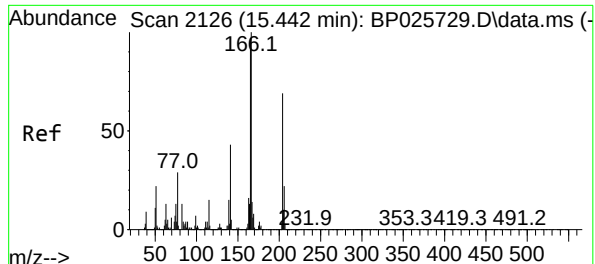
Ion Ratio Lower Upper

149 100

177 22.1 17.7 26.5

150 12.2 10.0 15.0





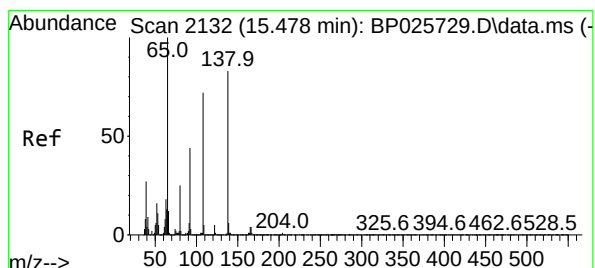
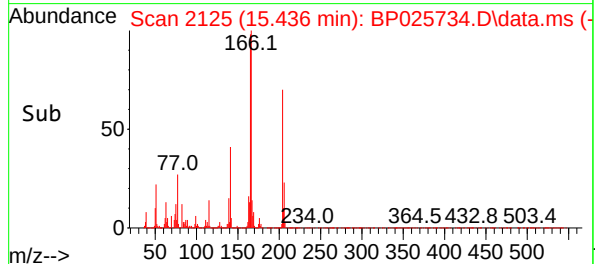
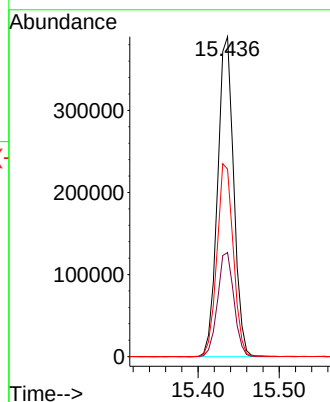
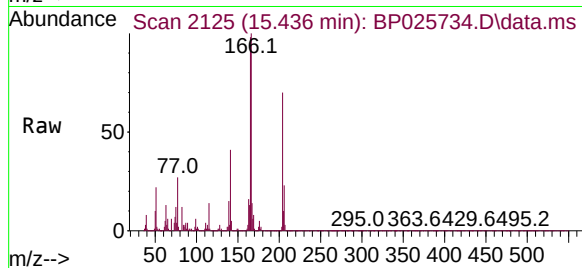
#61
4-Chlorophenyl-phenylether
Concen: 39.592 ng
RT: 15.436 min Scan# 2126
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:204 Resp: 536069
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 58.6 49.7 74.5

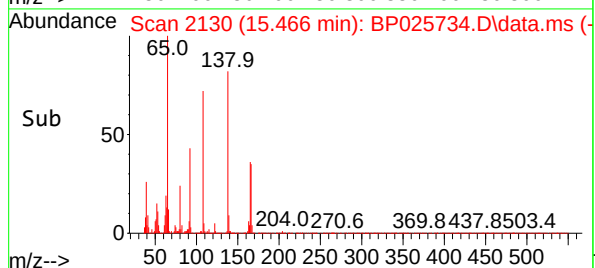
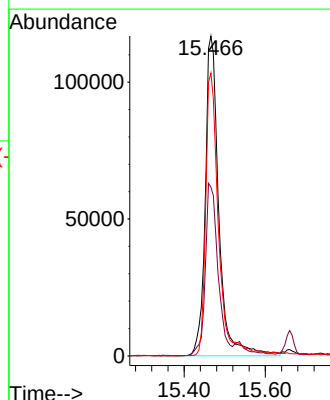
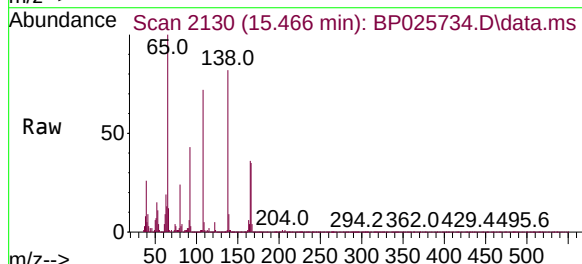
Manual Integrations
APPROVED

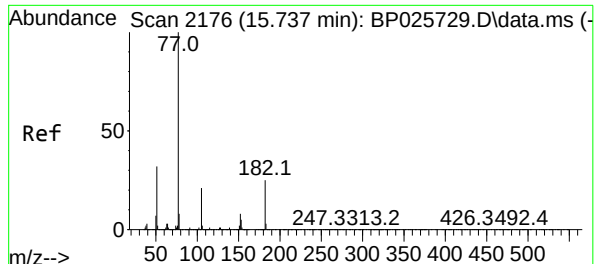
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#62
4-Nitroaniline
Concen: 41.707 ng
RT: 15.466 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

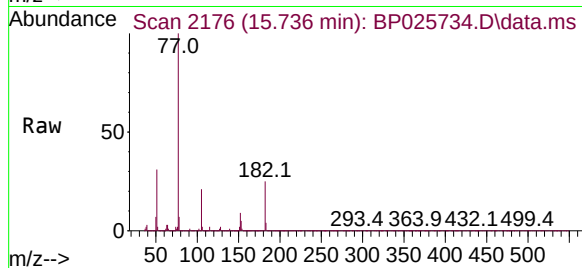
Tgt Ion:138 Resp: 272817
Ion Ratio Lower Upper
138 100
92 52.7 33.3 73.3
108 88.4 66.7 106.7





#63
Azobenzene
Concen: 39.657 ng
RT: 15.736 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

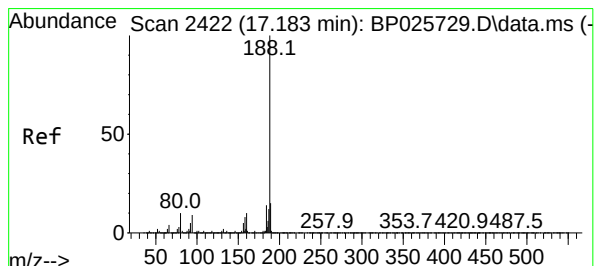
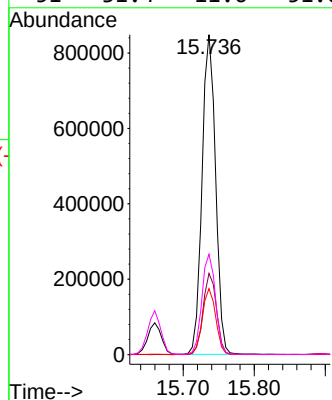
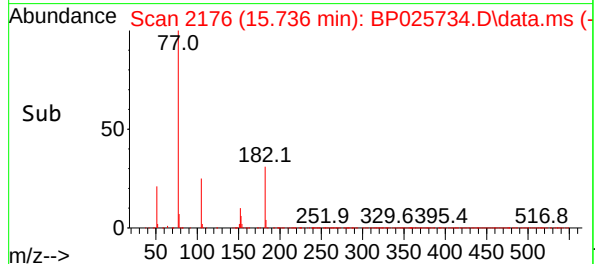
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 77 Resp: 111473
Ion Ratio Lower Upper
77 100
182 25.4 5.2 45.2
105 20.6 1.1 41.1
51 31.4 11.6 51.6

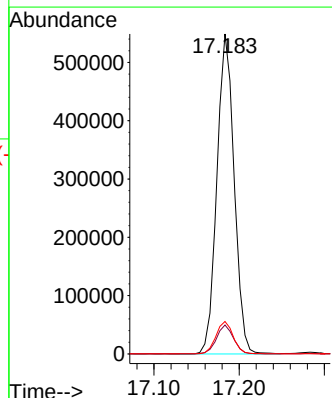
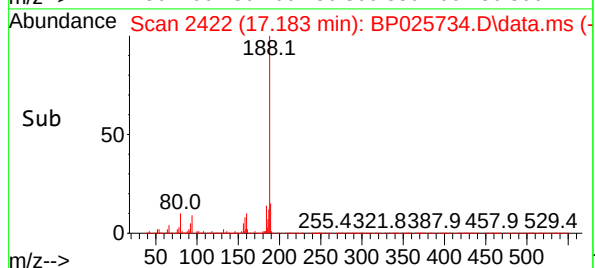
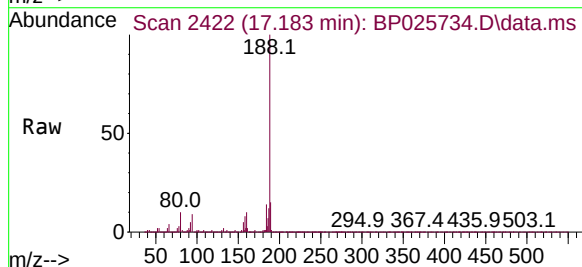
Manual Integrations
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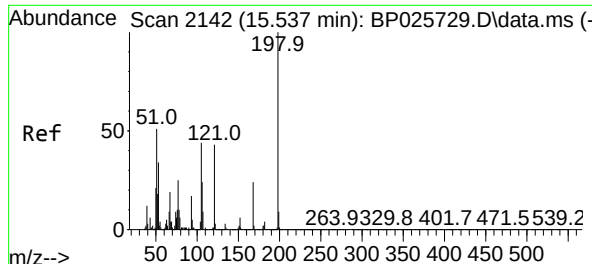
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.183 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:188 Resp: 771844
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 10.1 7.7 11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 39.916 ng

RT: 15.536 min Scan# 2142

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:198 Resp: 204888

Ion Ratio Lower Upper

198 100

51 50.3 33.4 73.4

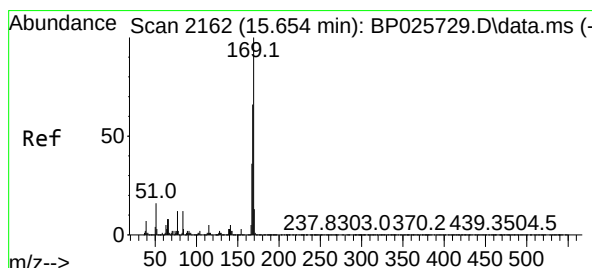
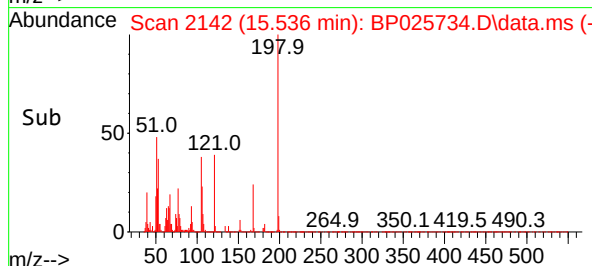
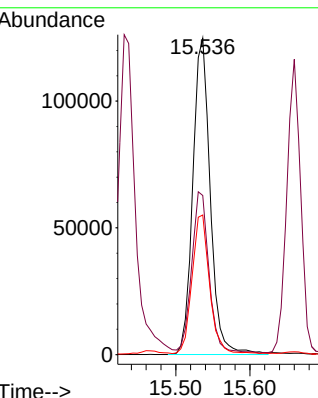
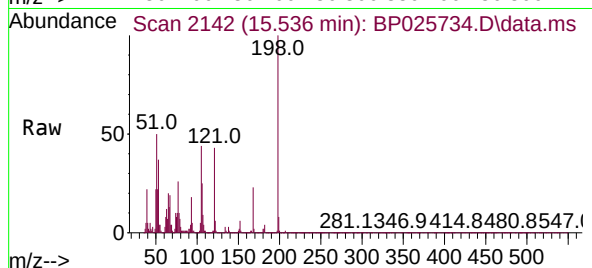
105 44.1 24.3 64.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#66

n-Nitrosodiphenylamine

Concen: 39.780 ng

RT: 15.660 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

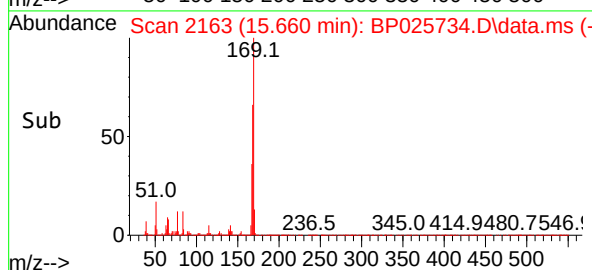
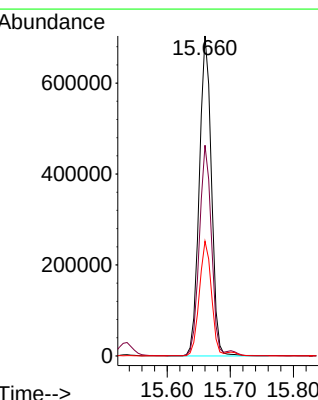
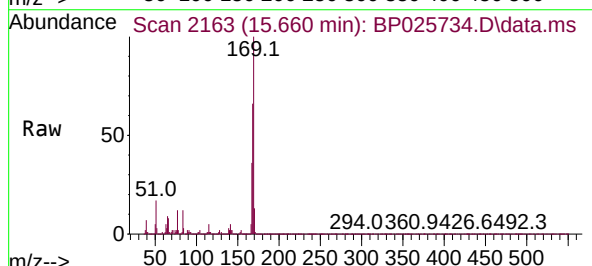
Tgt Ion:169 Resp: 939618

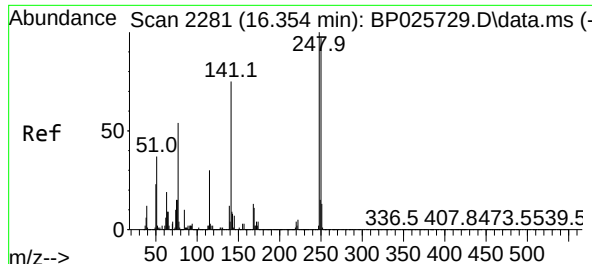
Ion Ratio Lower Upper

169 100

168 65.8 52.6 78.8

167 35.8 28.5 42.7





#67

4-Bromophenyl-phenylether

Concen: 40.075 ng

RT: 16.354 min Scan# 2281

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

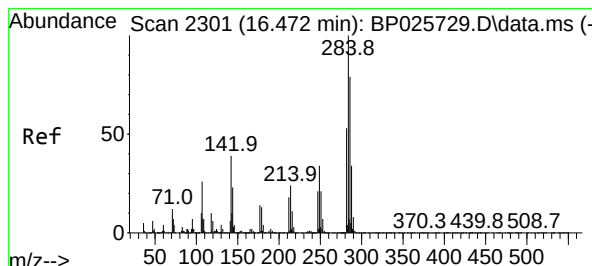
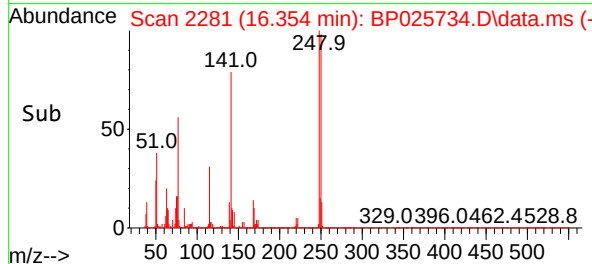
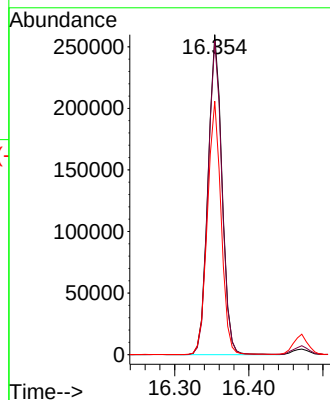
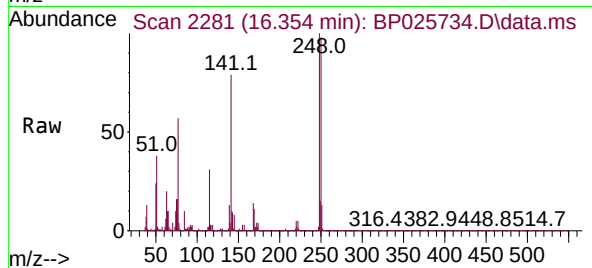
ICVBP091225

Tgt Ion:	248	Resp:	339813
Ion Ratio	Lower	Upper	
248	100		
250	98.0	77.5	116.3
141	79.2	60.2	90.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#68

Hexachlorobenzene

Concen: 39.667 ng

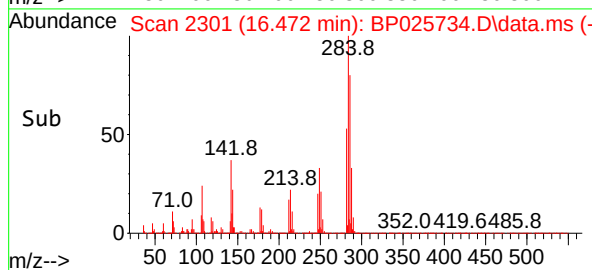
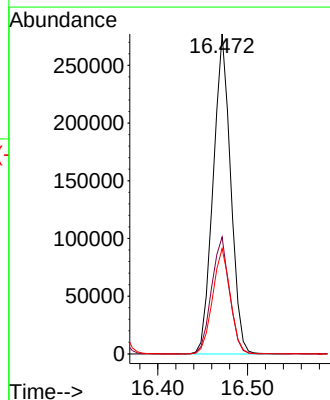
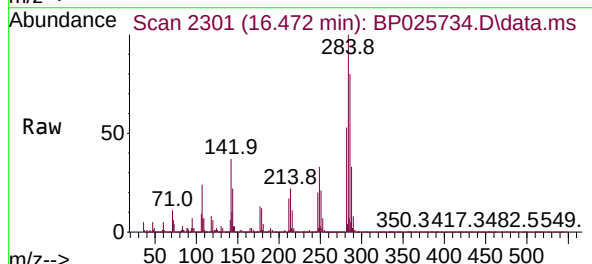
RT: 16.472 min Scan# 2301

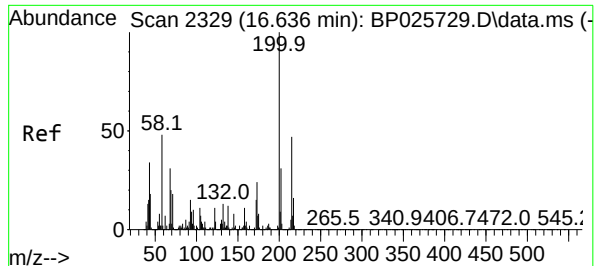
Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

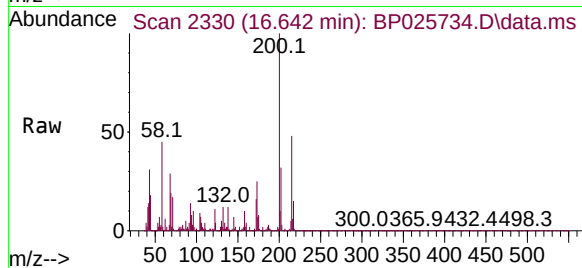
Tgt Ion:	284	Resp:	375085
Ion Ratio	Lower	Upper	
284	100		
142	36.5	31.3	46.9
249	32.9	27.3	40.9





#69
Atrazine
Concen: 40.399 ng
RT: 16.642 min Scan# 2330
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

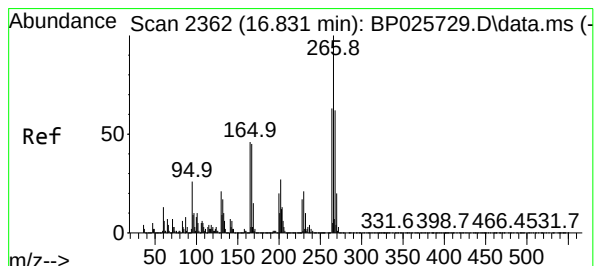
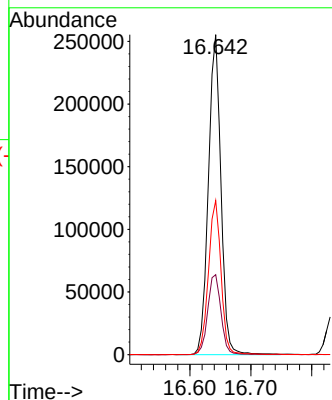
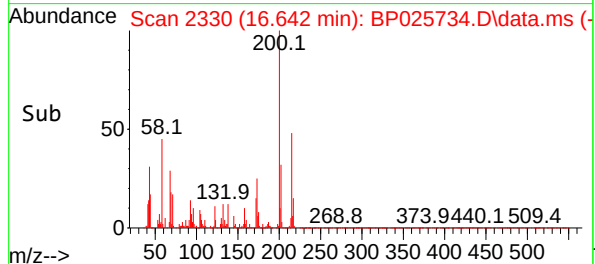
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:200 Resp: 36475
Ion Ratio Lower Upper
200 100
173 25.0 4.2 44.2
215 48.1 27.3 67.3

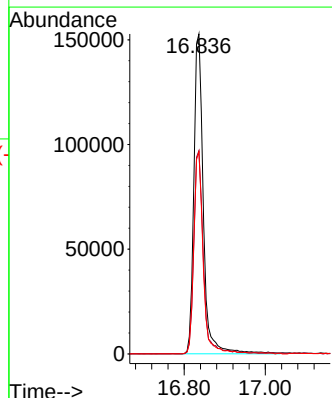
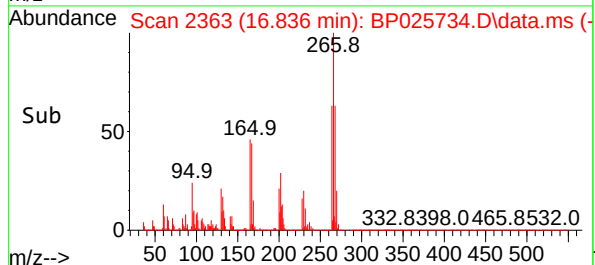
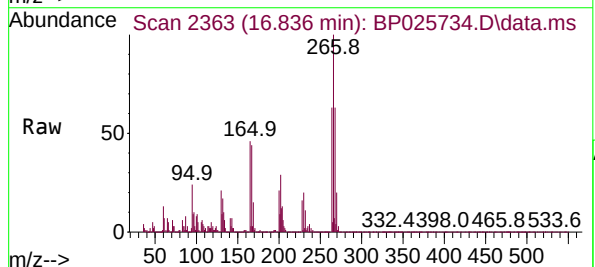
Manual Integrations
APPROVED

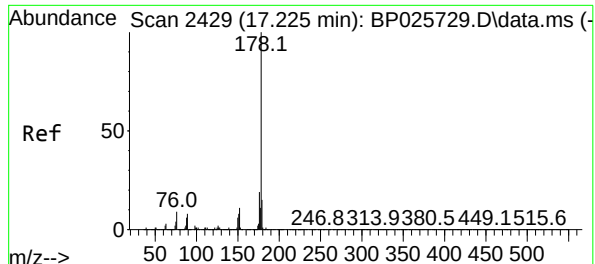
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#70
Pentachlorophenol
Concen: 39.784 ng
RT: 16.836 min Scan# 2363
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

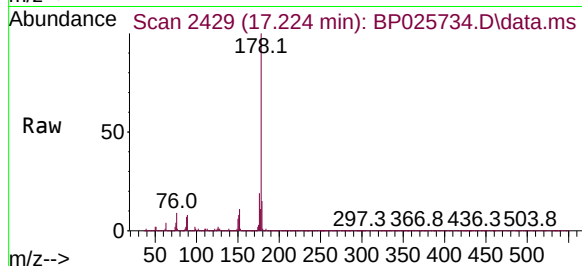
Tgt Ion:266 Resp: 248287
Ion Ratio Lower Upper
266 100
268 63.5 49.8 74.8
264 63.2 50.2 75.2





#71
Phenanthrene
Concen: 39.210 ng
RT: 17.224 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

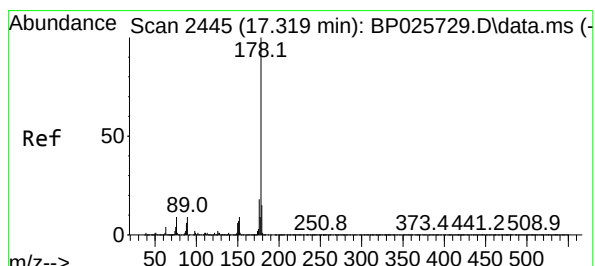
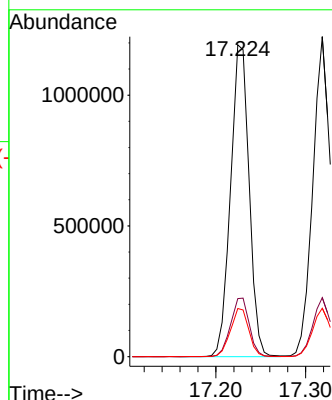
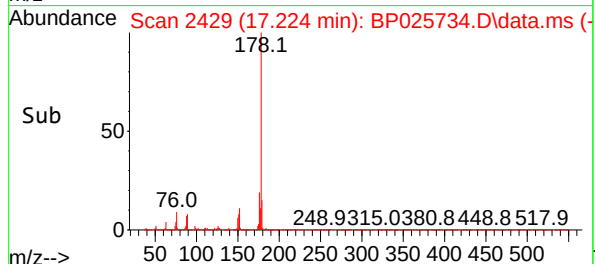
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



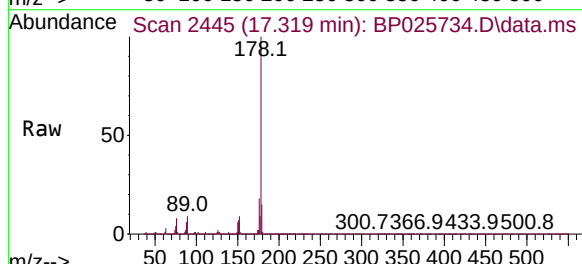
Tgt Ion:178 Resp: 1716732
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.5 12.2 18.4

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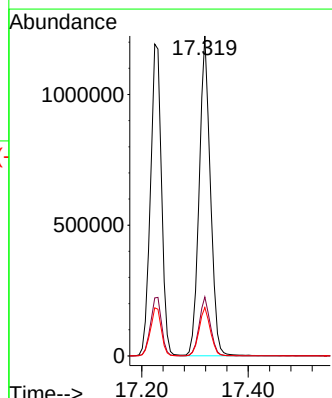
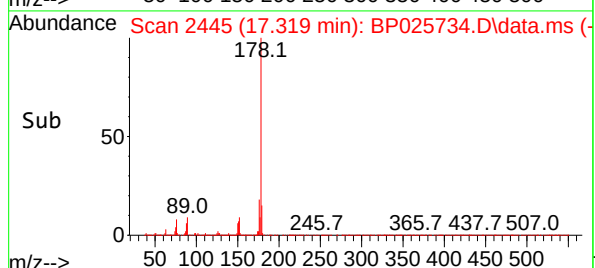
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

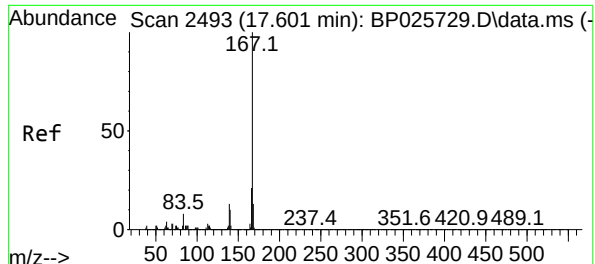


#72
Anthracene
Concen: 40.026 ng
RT: 17.319 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54



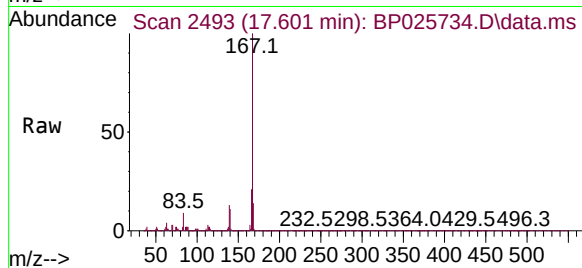
Tgt Ion:178 Resp: 1778123
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.1 12.2 18.4





#73
 Carbazole
 Concen: 39.095 ng
 RT: 17.601 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BP025734.D
 Acq: 11 Sep 2025 16:54

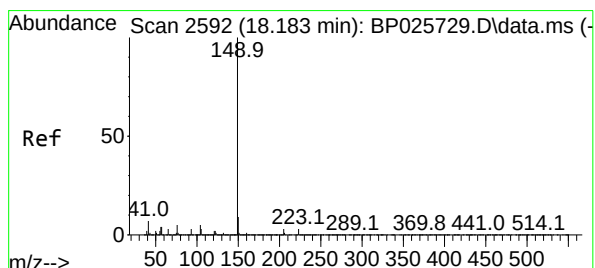
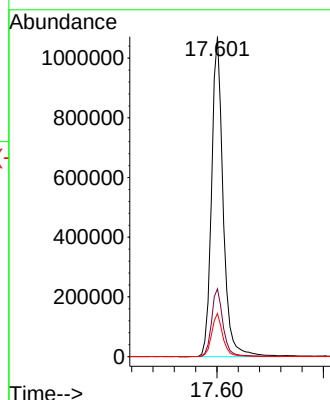
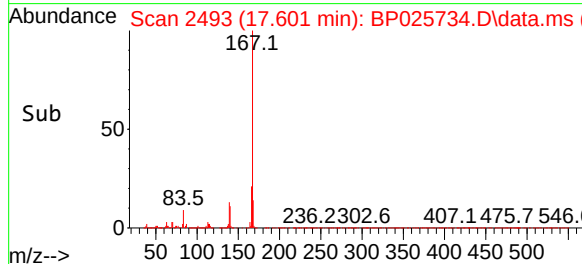
Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225



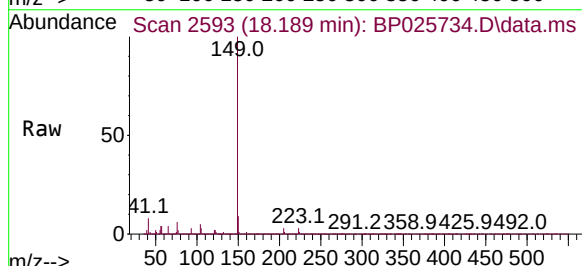
Tgt Ion:167 Resp: 161464
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 13.5 10.6 16.0

Manual Integrations
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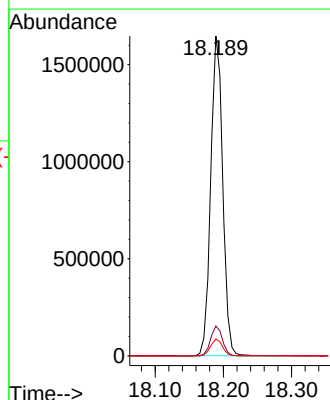
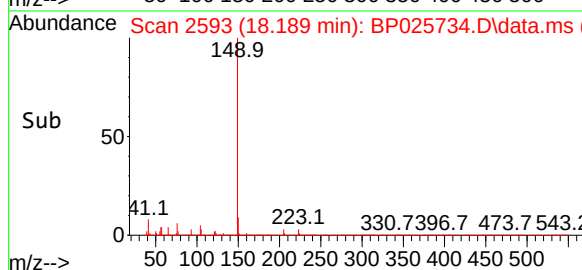
Reviewed By :Rahul Chavli 09/12/2025
 Supervised By :Jagrut Upadhyay 09/12/2025

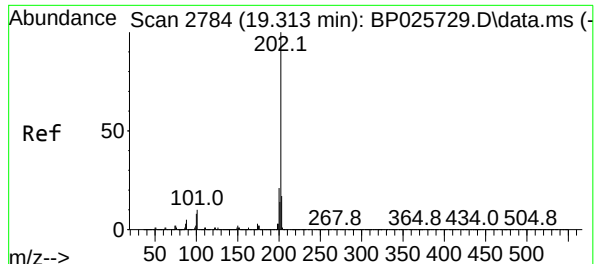


#74
 Di-n-butylphthalate
 Concen: 39.763 ng
 RT: 18.189 min Scan# 2593
 Delta R.T. 0.006 min
 Lab File: BP025734.D
 Acq: 11 Sep 2025 16:54



Tgt Ion:149 Resp: 2015320
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.3 4.3 6.5





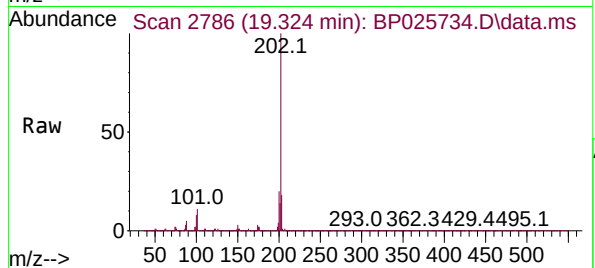
#75
Fluoranthene
Concen: 38.475 ng
RT: 19.324 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

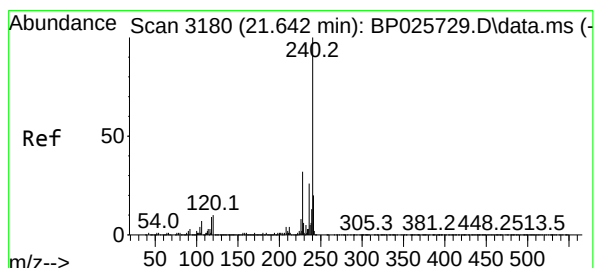
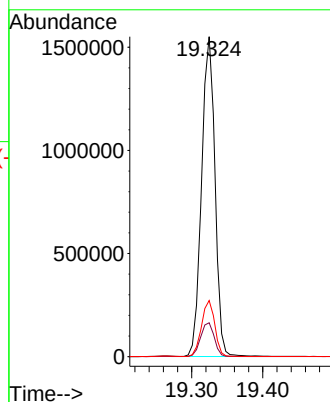
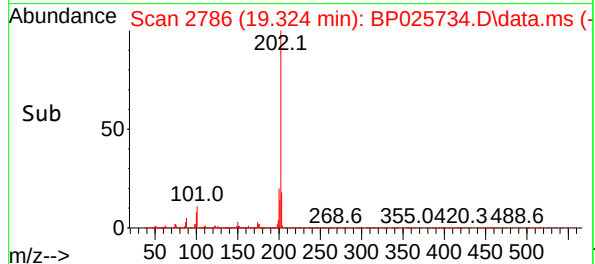


Tgt Ion:202 Resp: 2020319
Ion Ratio Lower Upper
202 100
101 10.6 0.0 30.4
203 17.6 0.0 37.4

Manual Integrations

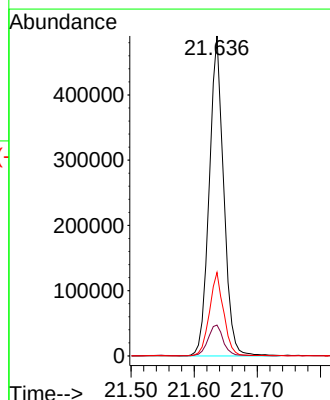
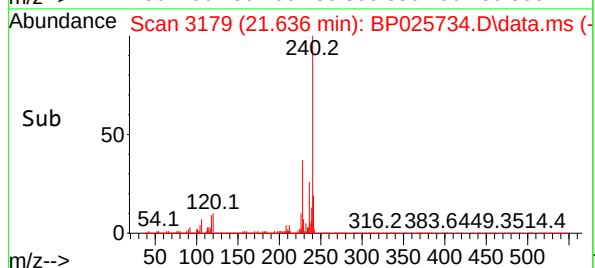
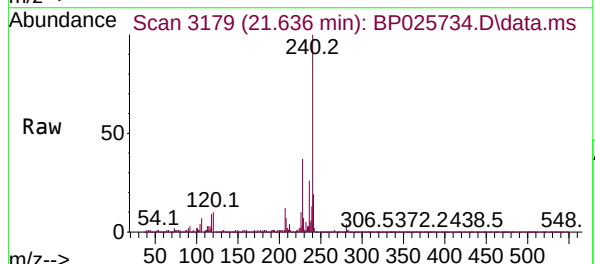
APPROVED

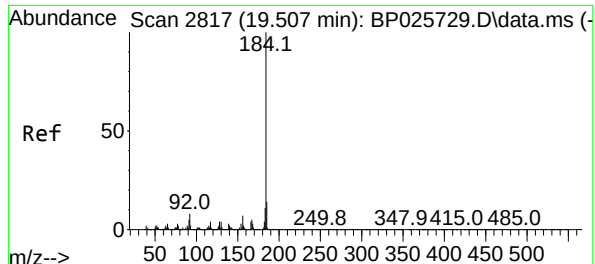
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:240 Resp: 780297
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 26.1 20.7 31.1





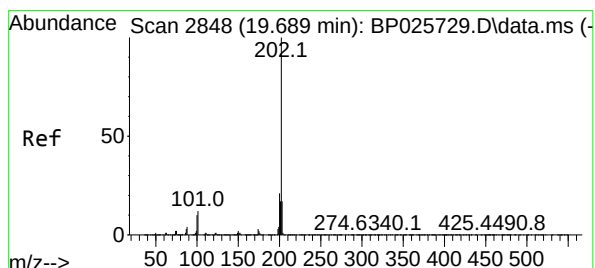
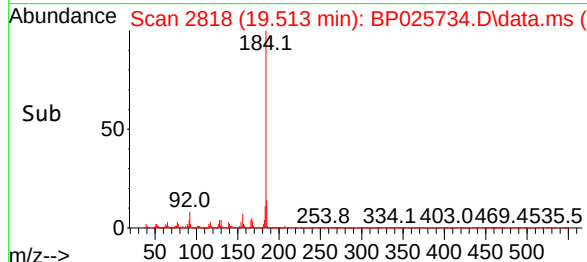
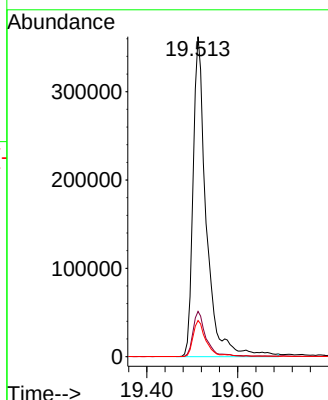
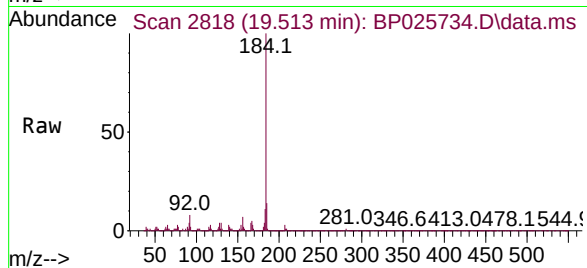
#77
Benzidine
Concen: 32.730 ng m
RT: 19.513 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Tgt Ion:184 Resp: 735659
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.3 9.2 13.8

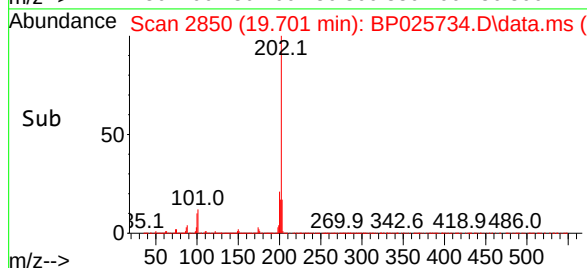
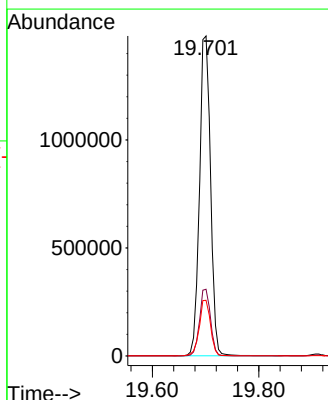
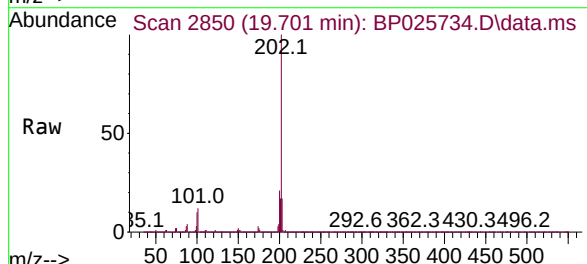
Manual Integrations
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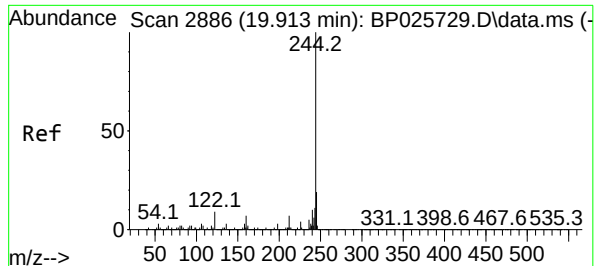
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#78
Pyrene
Concen: 40.759 ng
RT: 19.701 min Scan# 2850
Delta R.T. 0.012 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:202 Resp: 2122125
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.4 13.9 20.9





#79
Terphenyl-d14
Concen: 70.424 ng
RT: 19.913 min Scan# 2886
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

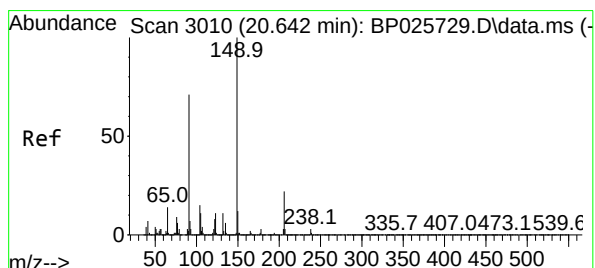
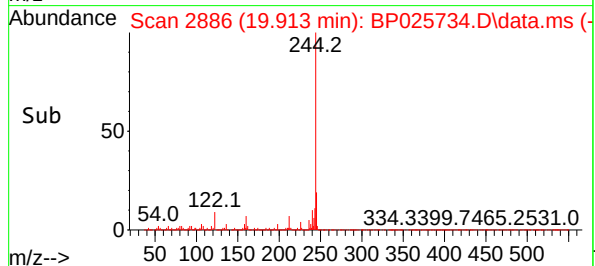
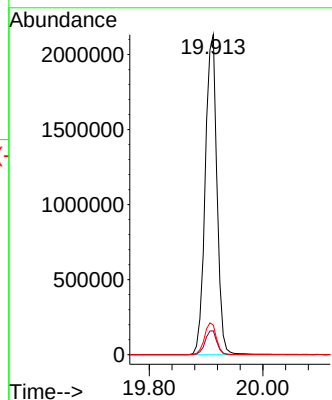
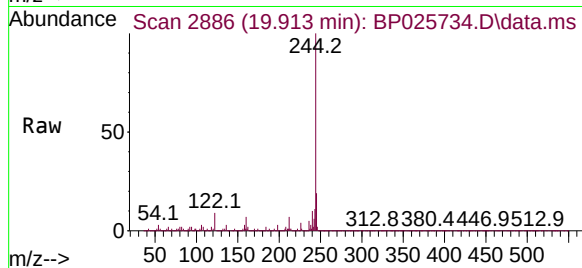
ICVBP091225

Tgt Ion:244 Resp: 3054578
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.2 7.1 10.7

Manual Integrations

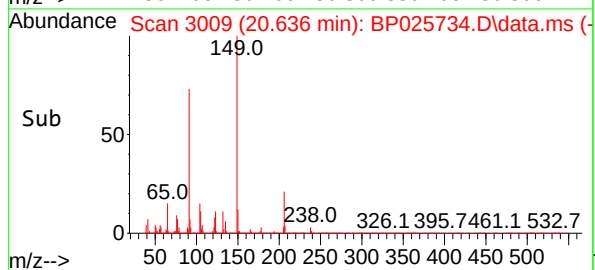
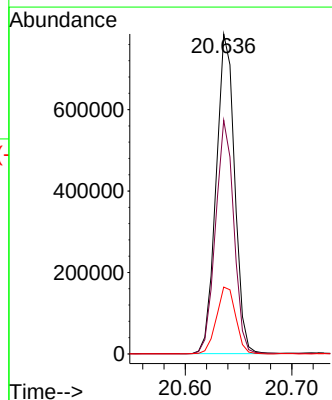
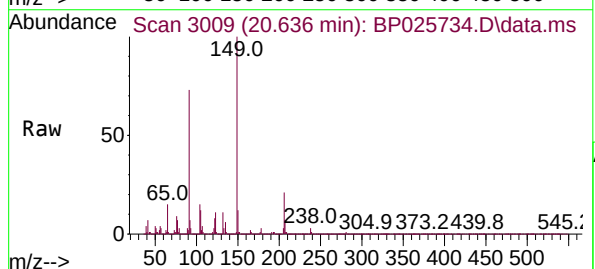
APPROVED

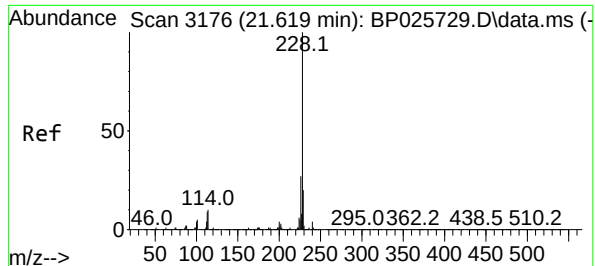
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#80
Butylbenzylphthalate
Concen: 41.644 ng
RT: 20.636 min Scan# 3009
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

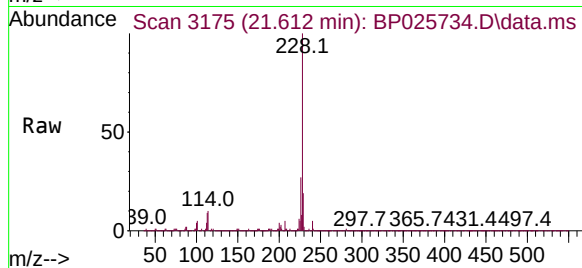
Tgt Ion:149 Resp: 950670
Ion Ratio Lower Upper
149 100
91 73.0 56.6 85.0
206 20.9 17.4 26.0





#81
Benzo(a)anthracene
Concen: 39.832 ng
RT: 21.612 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

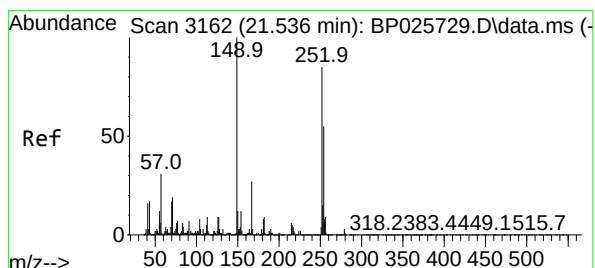
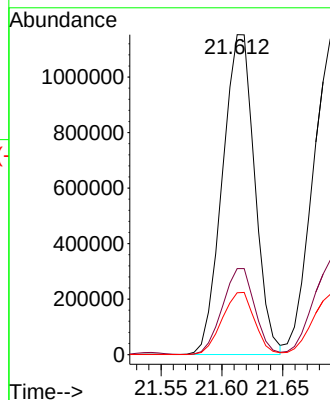
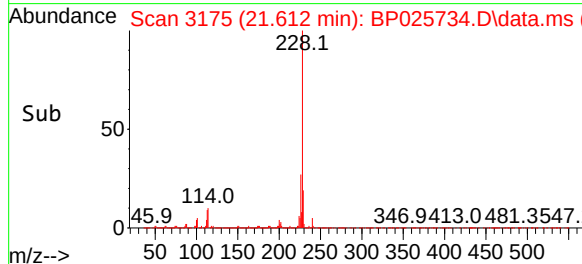
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:228 Resp: 2127849
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.3 15.7 23.5

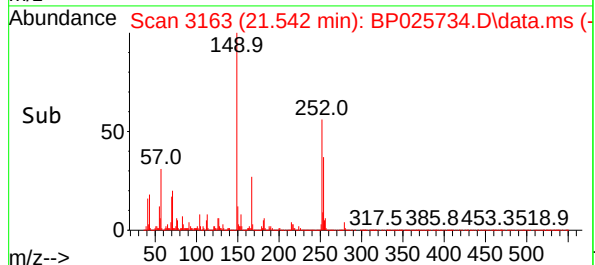
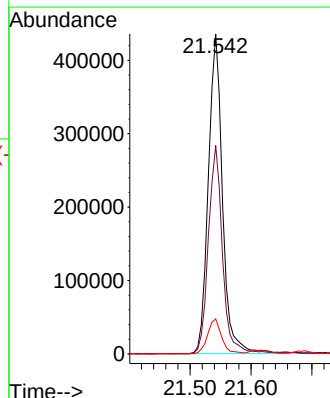
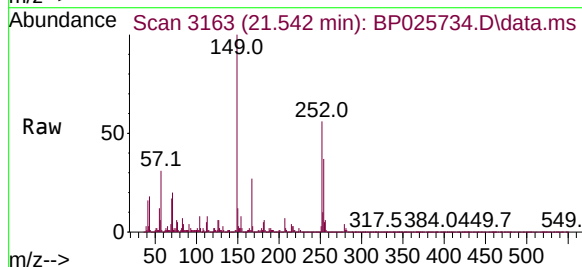
Manual Integrations
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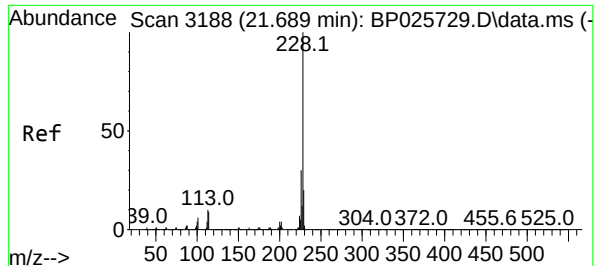
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#82
3,3'-Dichlorobenzidine
Concen: 38.168 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion:252 Resp: 705014
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.0
126 10.9 8.3 12.5





#83

Chrysene

Concen: 40.103 ng

RT: 21.689 min Scan# 3188

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:228 Resp: 2042185

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

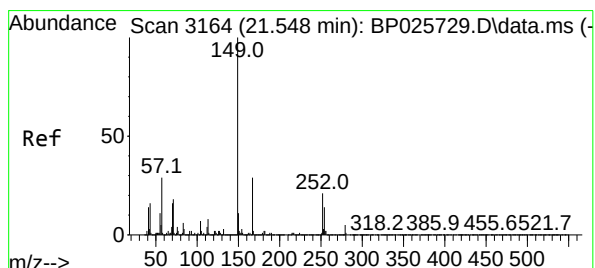
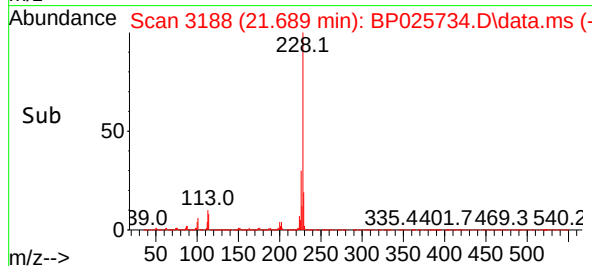
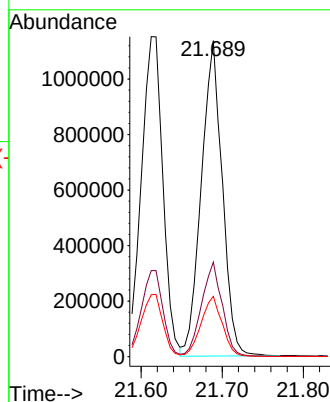
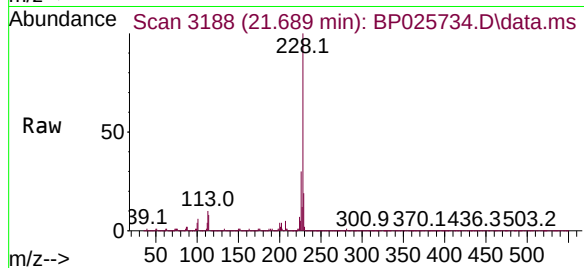
229 19.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.547 ng

RT: 21.548 min Scan# 3164

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

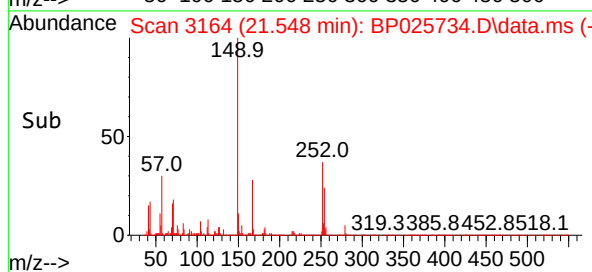
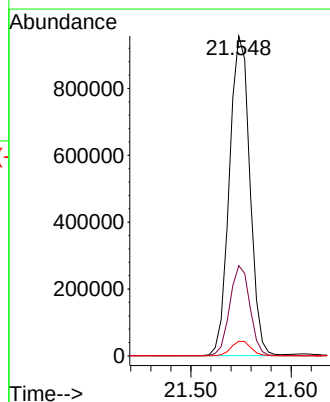
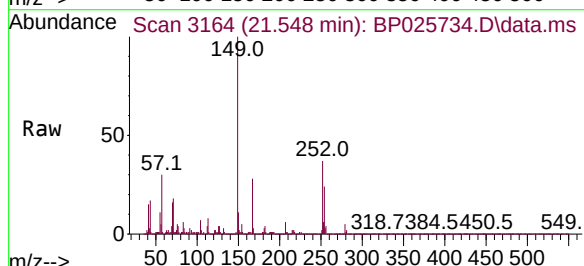
Tgt Ion:149 Resp: 1354255

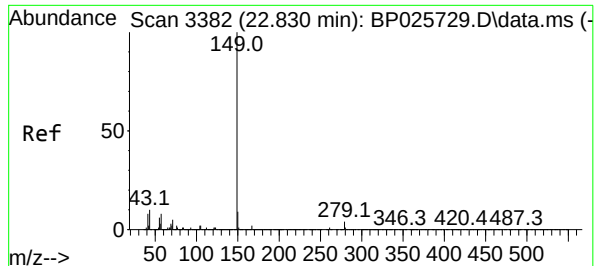
Ion Ratio Lower Upper

149 100

167 28.2 22.9 34.3

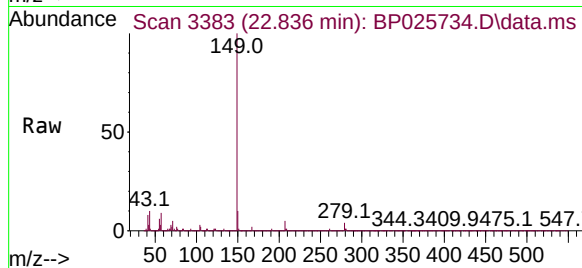
279 4.6 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 39.973 ng
RT: 22.836 min Scan# 3382
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

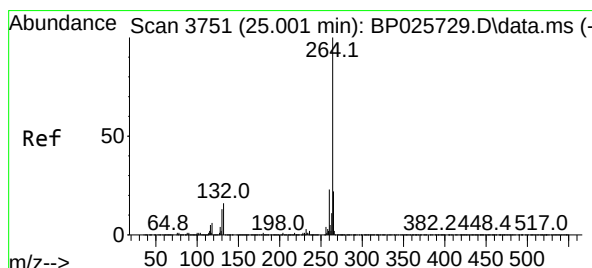
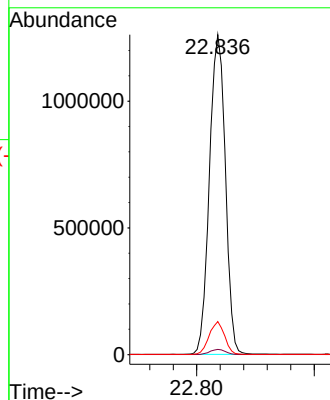
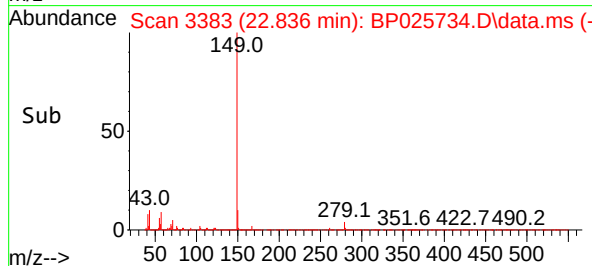
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion:149 Resp: 2374831
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.0 12.0

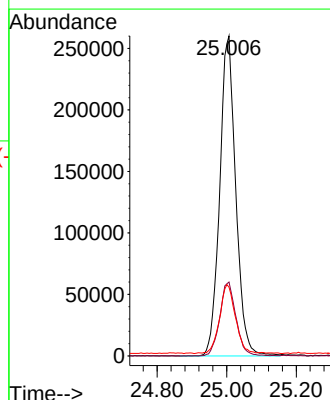
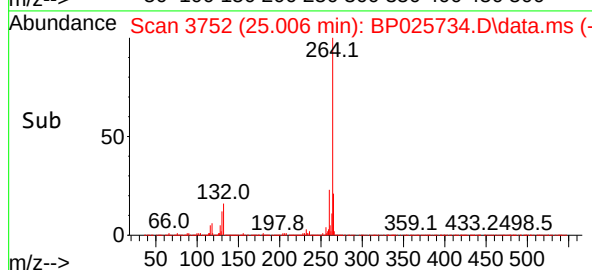
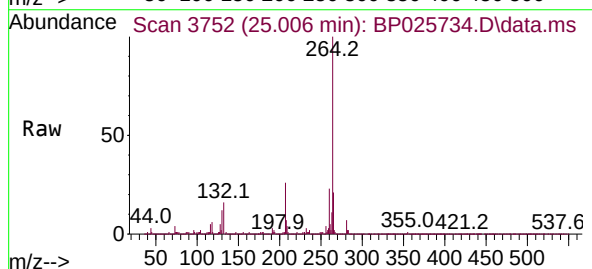
Manual Integrations
APPROVED

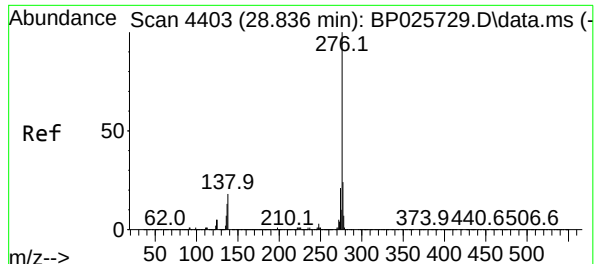
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3752
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

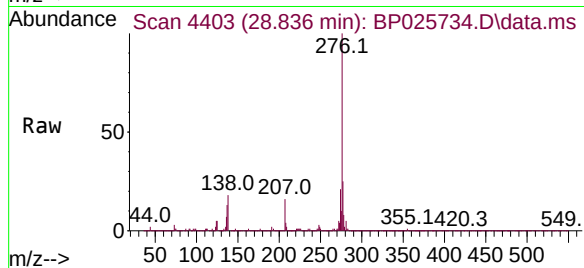
Tgt Ion:264 Resp: 833580
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 21.5 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.180 ng
RT: 28.836 min Scan# 4403
Delta R.T. -0.000 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

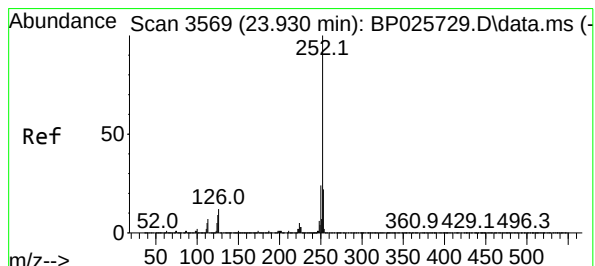
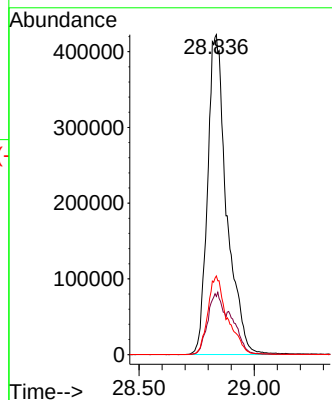
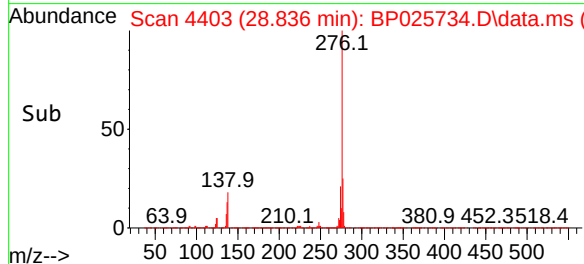
Instrument :
BNA_P
ClientSampleId :
ICVBP091225



Tgt Ion: 276 Resp: 2435714
Ion Ratio Lower Upper
276 100
138 15.7 13.4 20.2
277 25.1 9.1 13.7

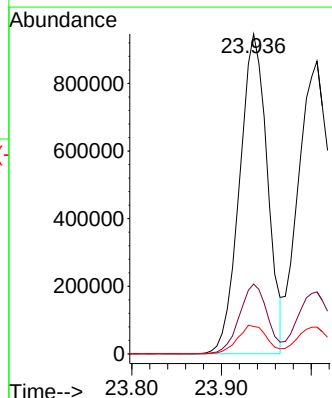
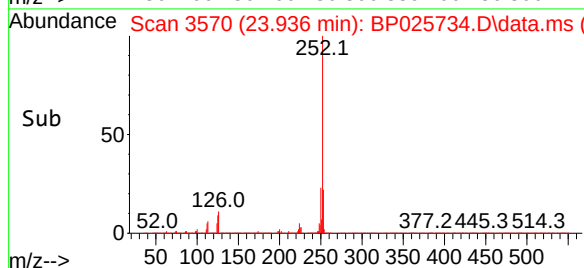
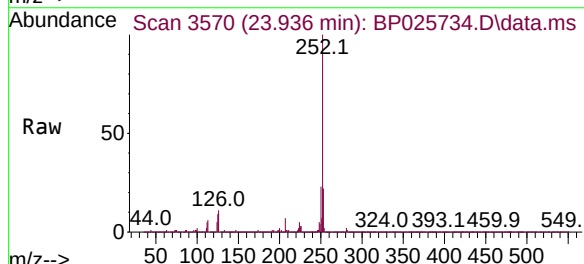
Manual Integrations
APPROVED

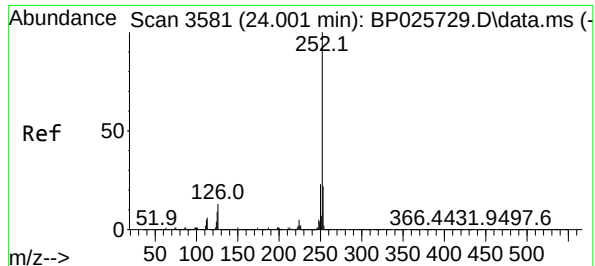
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



#88
Benzo(b)fluoranthene
Concen: 39.991 ng
RT: 23.936 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BP025734.D
Acq: 11 Sep 2025 16:54

Tgt Ion: 252 Resp: 2038540
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 8.6 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 41.447 ng

RT: 24.006 min Scan# 3581

Delta R.T. 0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:252 Resp: 2155908

Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

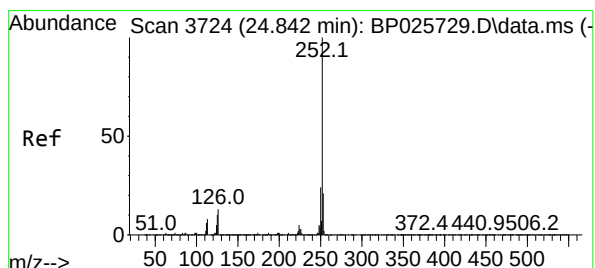
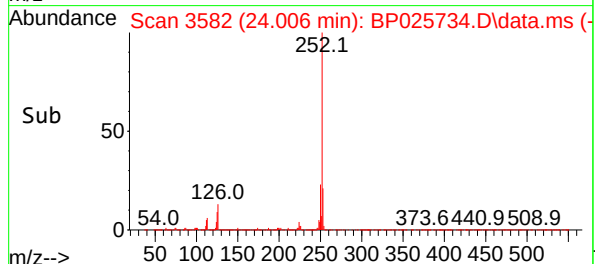
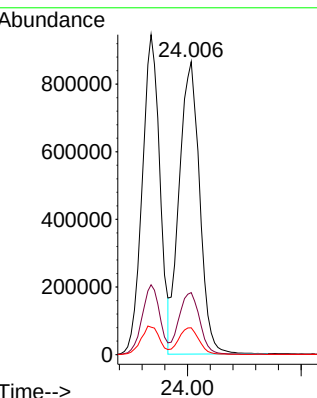
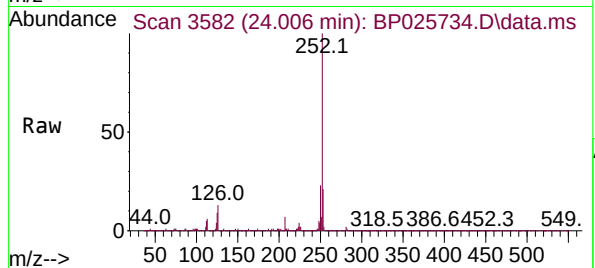
125 9.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#90

Benzo(a)pyrene

Concen: 39.834 ng

RT: 24.842 min Scan# 3724

Delta R.T. -0.000 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

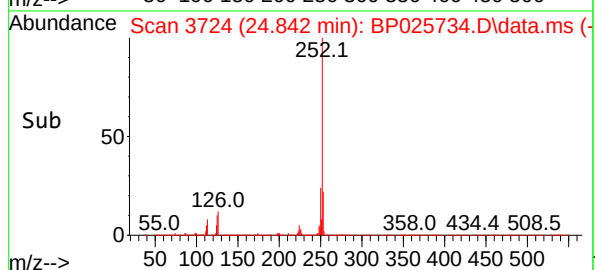
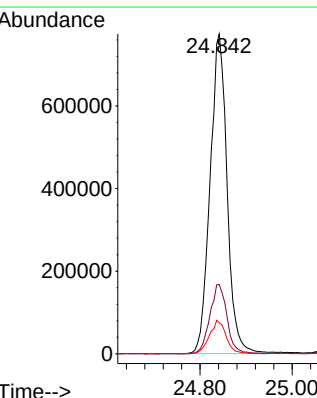
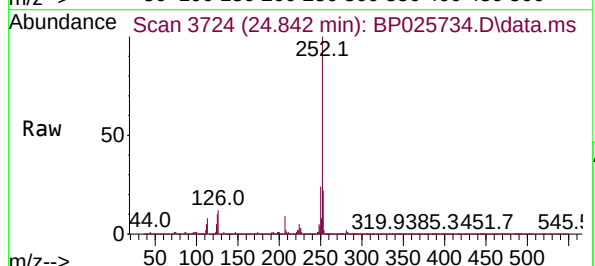
Tgt Ion:252 Resp: 1988484

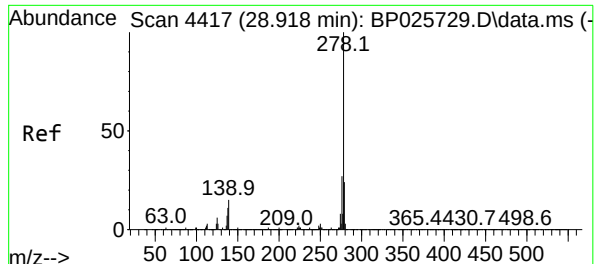
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 40.748 ng

RT: 28.900 min Scan# 4417

Delta R.T. -0.018 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

Instrument :

BNA_P

ClientSampleId :

ICVBP091225

Tgt Ion:278 Resp: 2021392

Ion Ratio Lower Upper

278 100

139 15.4 12.1 18.1

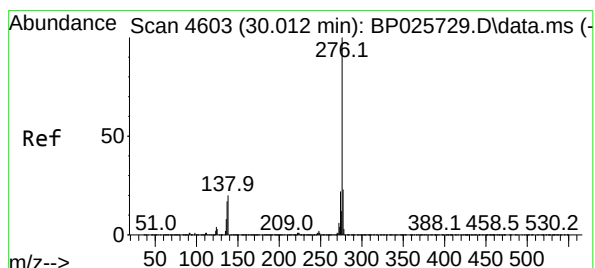
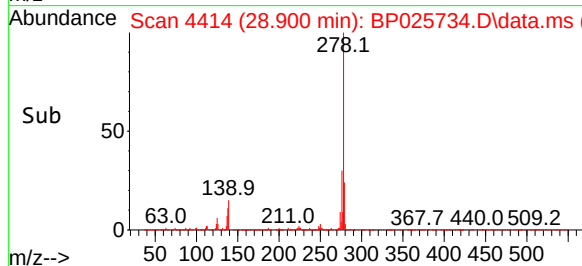
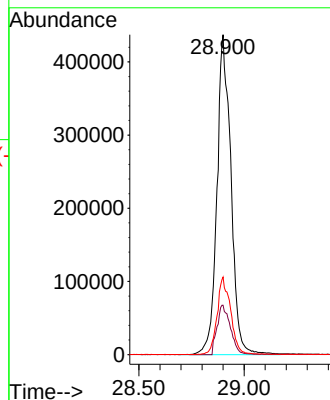
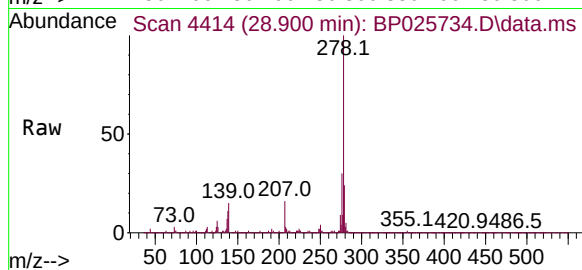
279 24.2 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/12/2025

Supervised By :Jagrut Upadhyay 09/12/2025



#92

Benzo(g,h,i)perylene

Concen: 39.644 ng

RT: 30.018 min Scan# 4604

Delta R.T. 0.006 min

Lab File: BP025734.D

Acq: 11 Sep 2025 16:54

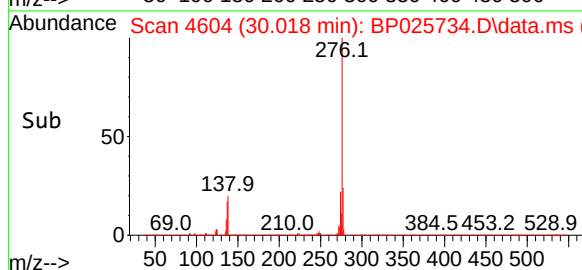
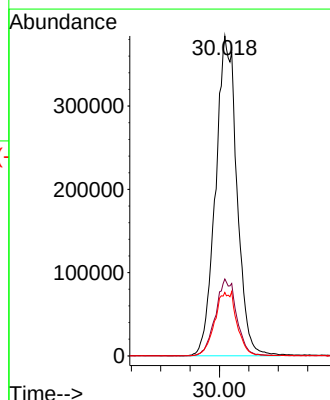
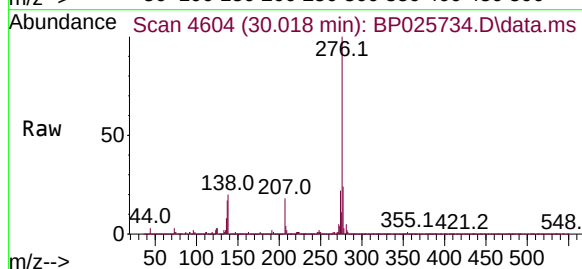
Tgt Ion:276 Resp: 1934037

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 19.8 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
2	1,4-Dioxane	0.520	0.492	5.4	77	0.00
3	Pyridine	1.432	1.426	0.4	78	0.00
4	n-Nitrosodimethylamine	0.676	0.668	1.2	80	0.00
5 S	2-Fluorophenol	1.240	1.211	2.3	76	-0.01
6	Aniline	2.262	2.343	-3.6	80	-0.01
7 S	Phenol-d6	1.648	1.642	0.4	76	-0.01
8	2-Chlorophenol	1.360	1.398	-2.8	80	-0.01
9	Benzaldehyde	0.987	1.046	-6.0	103	0.00
10 C	Phenol	1.737	1.796	-3.4	79	0.00
11	bis(2-Chloroethyl)ether	1.396	1.427	-2.2	79	0.00
12	1,3-Dichlorobenzene	1.548	1.565	-1.1	80	0.00
13 C	1,4-Dichlorobenzene	1.576	1.591	-1.0	81	0.00
14	1,2-Dichlorobenzene	1.531	1.530	0.1	80	0.00
15	Benzyl Alcohol	1.361	1.409	-3.5	80	-0.01
16	2,2'-oxybis(1-Chloropropane	2.282	2.343	-2.7	81	-0.01
17	2-Methylphenol	1.171	1.236	-5.6	80	0.00
18	Hexachloroethane	0.602	0.610	-1.3	81	0.00
19 P	n-Nitroso-di-n-propylamine	1.149	1.257	-9.4	82	0.00
20	3+4-Methylphenols	1.640	1.686	-2.8	80	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22	Acetophenone	0.534	0.549	-2.8	81	0.00
23 S	Nitrobenzene-d5	0.453	0.391	13.7	69	0.00
24	Nitrobenzene	0.407	0.412	-1.2	80	-0.01
25	Isophorone	0.797	0.808	-1.4	82	0.00
26 C	2-Nitrophenol	0.181	0.190	-5.0	81	0.00
27	2,4-Dimethylphenol	0.317	0.329	-3.8	80	0.00
28	bis(2-Chloroethoxy)methane	0.461	0.472	-2.4	82	-0.01
29 C	2,4-Dichlorophenol	0.316	0.327	-3.5	81	0.00
30	1,2,4-Trichlorobenzene	0.356	0.352	1.1	81	0.00
31	Naphthalene	1.078	1.068	0.9	81	0.00
32	Benzoic acid	0.236	0.243	-3.0	81	-0.01
33	4-Chloroaniline	0.449	0.476	-6.0	81	0.00
34 C	Hexachlorobutadiene	0.229	0.224	2.2	81	0.00
35	Caprolactam	0.122	0.121	0.8	80	0.00
36 C	4-Chloro-3-methylphenol	0.377	0.386	-2.4	81	0.00
37	2-Methylnaphthalene	0.693	0.700	-1.0	81	0.00
38	1-Methylnaphthalene	0.739	0.749	-1.4	81	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	90	0.00
40	1,2,4,5-Tetrachlorobenzene	0.606	0.607	-0.2	83	0.00
41 P	Hexachlorocyclopentadiene	0.330	0.334	-1.2	79	0.00
42 S	2,4,6-Tribromophenol	0.249	0.239	4.0	78	-0.01
43 C	2,4,6-Trichlorophenol	0.398	0.415	-4.3	84	0.00
44	2,4,5-Trichlorophenol	0.443	0.447	-0.9	80	0.00
45 S	2-Fluorobiphenyl	1.502	1.297	13.6	73	0.00
46	1,1'-Biphenyl	1.468	1.493	-1.7	84	0.00
47	2-Chloronaphthalene	1.156	1.132	2.1	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.385	0.395	-2.6	81	0.00
49	Acenaphthylene	1.915	1.907	0.4	83	0.00
50	Dimethylphthalate	1.527	1.507	1.3	82	0.00
51	2,6-Dinitrotoluene	0.324	0.326	-0.6	82	0.00
52 C	Acenaphthene	1.104	1.077	2.4	81	0.00
53	3-Nitroaniline	0.340	0.347	-2.1	79	0.00
54 P	2,4-Dinitrophenol	0.183	0.186	-1.6	80	0.00
55	Dibenzofuran	1.800	1.771	1.6	83	0.00
56 P	4-Nitrophenol	0.258	0.257	0.4	75	0.00
57	2,4-Dinitrotoluene	0.460	0.471	-2.4	81	0.00
58	Fluorene	1.431	1.390	2.9	81	-0.01
59	2,3,4,6-Tetrachlorophenol	0.399	0.397	0.5	80	0.00
60	Diethylphthalate	1.549	1.550	-0.1	85	0.00
61	4-Chlorophenyl-phenylether	0.721	0.714	1.0	83	0.00
62	4-Nitroaniline	0.349	0.363	-4.0	81	-0.01
63	Azobenzene	1.498	1.485	0.9	81	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65	4,6-Dinitro-2-methylphenol	0.133	0.133	0.0	78	0.00
66 c	n-Nitrosodiphenylamine	0.612	0.609	0.5	81	0.00
67	4-Bromophenyl-phenylether	0.220	0.220	0.0	82	0.00
68	Hexachlorobenzene	0.245	0.243	0.8	83	0.00
69	Atrazine	0.234	0.236	-0.9	81	0.00
70 C	Pentachlorophenol	0.162	0.161	0.6	80	0.00
71	Phenanthrene	1.135	1.112	2.0	81	0.00
72	Anthracene	1.151	1.152	-0.1	83	0.00
73	Carbazole	1.070	1.046	2.2	79	0.00
74	Di-n-butylphthalate	1.313	1.306	0.5	81	0.00
75 C	Fluoranthene	1.361	1.309	3.8	80	0.01
76 I	Chrysene-d12	1.000	1.000	0.0	84	0.00
77	Benzydine	0.576	0.471	18.2	61	0.00
78	Pyrene	1.335	1.360	-1.9	80	0.01
79 S	Terphenyl-d14	1.112	0.979	12.0	70	0.00
80	Butylbenzylphthalate	0.585	0.609	-4.1	79	0.00
81	Benzo(a)anthracene	1.369	1.363	0.4	79	0.00
82	3,3'-Dichlorobenzidine	0.473	0.452	4.4	73	0.00
83	Chrysene	1.305	1.309	-0.3	80	0.00
84	Bis(2-ethylhexyl)phthalate	0.856	0.868	-1.4	77	0.00
85 c	Di-n-octyl phthalate	1.523	1.522	0.1	77	0.00
86 I	Perylene-d12	1.000	1.000	0.0	83	0.00
87	Indeno(1,2,3-cd)pyrene	1.454	1.461	-0.5	76	0.00
88	Benzo(b)fluoranthene	1.223	1.223	0.0	76	0.00
89	Benzo(k)fluoranthene	1.248	1.293	-3.6	80	0.00
90 C	Benzo(a)pyrene	1.198	1.193	0.4	76	0.00
91	Dibenzo(a,h)anthracene	1.190	1.212	-1.8	78	-0.02
92	Benzo(g,h,i)perylene	1.170	1.160	0.9	76	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev Area	% Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	86	0.00
2	1,4-Dioxane	40.000	37.832	5.4	77	0.00
3	Pyridine	40.000	39.824	0.4	78	0.00
4	n-Nitrosodimethylamine	40.000	39.520	1.2	80	0.00
5 S	2-Fluorophenol	80.000	78.179	2.3	76	-0.01
6	Aniline	40.000	41.441	-3.6	80	-0.01
7 S	Phenol-d6	80.000	79.719	0.4	76	-0.01
8	2-Chlorophenol	40.000	41.125	-2.8	80	-0.01
9	Benzaldehyde	40.000	42.354	-5.9	103	0.00
10 C	Phenol	40.000	41.357	-3.4	79	0.00
11	bis(2-Chloroethyl)ether	40.000	40.910	-2.3	79	0.00
12	1,3-Dichlorobenzene	40.000	40.451	-1.1	80	0.00
13 C	1,4-Dichlorobenzene	40.000	40.380	-1.0	81	0.00
14	1,2-Dichlorobenzene	40.000	39.971	0.1	80	0.00
15	Benzyl Alcohol	40.000	41.411	-3.5	80	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	41.060	-2.7	81	-0.01
17	2-Methylphenol	40.000	42.200	-5.5	80	0.00
18	Hexachloroethane	40.000	40.508	-1.3	81	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	43.761	-9.4	82	0.00
20	3+4-Methylphenols	40.000	41.117	-2.8	80	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22	Acetophenone	40.000	41.077	-2.7	81	0.00
23 S	Nitrobenzene-d5	80.000	69.063	13.7	69	0.00
24	Nitrobenzene	40.000	40.477	-1.2	80	-0.01
25	Isophorone	40.000	40.570	-1.4	82	0.00
26 C	2-Nitrophenol	40.000	42.019	-5.0	81	0.00
27	2,4-Dimethylphenol	40.000	41.566	-3.9	80	0.00
28	bis(2-Chloroethoxy)methane	40.000	40.986	-2.5	82	-0.01
29 C	2,4-Dichlorophenol	40.000	41.410	-3.5	81	0.00
30	1,2,4-Trichlorobenzene	40.000	39.530	1.2	81	0.00
31	Naphthalene	40.000	39.618	1.0	81	0.00
32	Benzoic acid	40.000	41.287	-3.2	81	-0.01
33	4-Chloroaniline	40.000	42.370	-5.9	81	0.00
34 C	Hexachlorobutadiene	40.000	39.159	2.1	81	0.00
35	Caprolactam	40.000	39.662	0.8	80	0.00
36 C	4-Chloro-3-methylphenol	40.000	40.986	-2.5	81	0.00
37	2-Methylnaphthalene	40.000	40.396	-1.0	81	0.00
38	1-Methylnaphthalene	40.000	40.566	-1.4	81	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	90	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	40.058	-0.1	83	0.00
41 P	Hexachlorocyclopentadiene	40.000	40.525	-1.3	79	0.00
42 S	2,4,6-Tribromophenol	80.000	76.715	4.1	78	-0.01
43 C	2,4,6-Trichlorophenol	40.000	41.695	-4.2	84	0.00
44	2,4,5-Trichlorophenol	40.000	40.344	-0.9	80	0.00
45 S	2-Fluorobiphenyl	80.000	69.102	13.6	73	0.00
46	1,1'-Biphenyl	40.000	40.692	-1.7	84	0.00
47	2-Chloronaphthalene	40.000	39.167	2.1	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
 Data File : BP025734.D
 Acq On : 11 Sep 2025 16:54
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091225

Quant Time: Sep 11 17:15:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	41.012	-2.5	81	0.00
49	Acenaphthylene	40.000	39.820	0.4	83	0.00
50	Dimethylphthalate	40.000	39.480	1.3	82	0.00
51	2,6-Dinitrotoluene	40.000	40.363	-0.9	82	0.00
52 C	Acenaphthene	40.000	39.008	2.5	81	0.00
53	3-Nitroaniline	40.000	40.770	-1.9	79	0.00
54 P	2,4-Dinitrophenol	40.000	38.055	4.9	80	0.00
55	Dibenzofuran	40.000	39.353	1.6	83	0.00
56 P	4-Nitrophenol	40.000	37.582	6.0	75	0.00
57	2,4-Dinitrotoluene	40.000	40.928	-2.3	81	0.00
58	Fluorene	40.000	38.831	2.9	81	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	39.712	0.7	80	0.00
60	Diethylphthalate	40.000	40.039	-0.1	85	0.00
61	4-Chlorophenyl-phenylether	40.000	39.592	1.0	83	0.00
62	4-Nitroaniline	40.000	41.707	-4.3	81	-0.01
63	Azobenzene	40.000	39.657	0.9	81	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65	4,6-Dinitro-2-methylphenol	40.000	39.916	0.2	78	0.00
66 c	n-Nitrosodiphenylamine	40.000	39.780	0.5	81	0.00
67	4-Bromophenyl-phenylether	40.000	40.075	-0.2	82	0.00
68	Hexachlorobenzene	40.000	39.667	0.8	83	0.00
69	Atrazine	40.000	40.399	-1.0	81	0.00
70 C	Pentachlorophenol	40.000	39.784	0.5	80	0.00
71	Phenanthrene	40.000	39.210	2.0	81	0.00
72	Anthracene	40.000	40.026	-0.1	83	0.00
73	Carbazole	40.000	39.095	2.3	79	0.00
74	Di-n-butylphthalate	40.000	39.763	0.6	81	0.00
75 C	Fluoranthene	40.000	38.475	3.8	80	0.01
76 I	Chrysene-d12	20.000	20.000	0.0	84	0.00
77	Benzydine	40.000	32.730	18.2	61	0.00
78	Pyrene	40.000	40.759	-1.9	80	0.01
79 S	Terphenyl-d14	80.000	70.424	12.0	70	0.00
80	Butylbenzylphthalate	40.000	41.644	-4.1	79	0.00
81	Benzo(a)anthracene	40.000	39.832	0.4	79	0.00
82	3,3'-Dichlorobenzidine	40.000	38.168	4.6	73	0.00
83	Chrysene	40.000	40.103	-0.3	80	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	40.547	-1.4	77	0.00
85 c	Di-n-octyl phthalate	40.000	39.973	0.1	77	0.00
86 I	Perylene-d12	20.000	20.000	0.0	83	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	40.180	-0.4	76	0.00
88	Benzo(b)fluoranthene	40.000	39.991	0.0	76	0.00
89	Benzo(k)fluoranthene	40.000	41.447	-3.6	80	0.00
90 C	Benzo(a)pyrene	40.000	39.834	0.4	76	0.00
91	Dibenzo(a,h)anthracene	40.000	40.748	-1.9	78	-0.02
92	Benzo(g,h,i)perylene	40.000	39.644	0.9	76	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/02/2025 13:36</u>
Lab File ID:	<u>BF143853.D</u>	Init. Calib. Date(s):	<u>09/23/2025 09/23/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:28 15:27</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.231	1.304		5.9	
Benzaldehyde	1.246	1.169		-6.2	
Phenol-d6	1.422	1.462		2.8	
Phenol	1.653	1.799		8.8	20.0
bis(2-Chloroethyl)ether	1.296	1.295		-0.1	
2-Chlorophenol	1.260	1.317		4.5	
2-Methylphenol	0.976	1.002		2.7	
2,2-oxybis(1-Chloropropane)	3.073	2.464		-19.8	
Acetophenone	0.439	0.440		0.2	
3+4-Methylphenols	1.185	1.233		4.0	
n-Nitroso-di-n-propylamine	0.915	0.846	0.050	-7.5	
Nitrobenzene-d5	0.327	0.349		6.7	
Hexachloroethane	0.514	0.522		1.6	
Nitrobenzene	0.362	0.377		4.1	
Isophorone	0.637	0.637		0.0	
2-Nitrophenol	0.132	0.175		32.6	20.0
2,4-Dimethylphenol	0.285	0.293		2.8	
bis(2-Chloroethoxy)methane	0.414	0.412		-0.5	
2,4-Dichlorophenol	0.280	0.306		9.3	20.0
Naphthalene	0.957	0.982		2.6	
4-Chloroaniline	0.336	0.356		6.0	
Hexachlorobutadiene	0.217	0.242		11.5	20.0
Caprolactam	0.072	0.077		6.9	
4-Chloro-3-methylphenol	0.263	0.277		5.3	20.0
2-Methylnaphthalene	0.611	0.634		3.8	
Hexachlorocyclopentadiene	0.383	0.366	0.050	-4.4	
2,4,6-Trichlorophenol	0.378	0.430		13.8	20.0
2-Fluorobiphenyl	1.282	1.374		7.2	
2,4,5-Trichlorophenol	0.395	0.447		13.2	
1,1-Biphenyl	1.448	1.497		3.4	
2-Chloronaphthalene	1.165	1.227		5.3	
2-Nitroaniline	0.352	0.411		16.8	
Dimethylphthalate	1.219	1.263		3.6	
Acenaphthylene	1.604	1.675		4.4	
2,6-Dinitrotoluene	0.200	0.248		24.0	
3-Nitroaniline	0.243	0.290		19.3	
Acenaphthene	1.056	1.107		4.8	20.0
2,4-Dinitrophenol	0.064	0.082	0.050	28.1	
4-Nitrophenol	0.196	0.191	0.050	-2.6	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/02/2025 13:36</u>
Lab File ID:	<u>BF143853.D</u>	Init. Calib. Date(s):	<u>09/23/2025 09/23/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:28 15:27</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.493	1.565		4.8	
2,4-Dinitrotoluene	0.261	0.333		27.6	
Diethylphthalate	1.141	1.171		2.6	
4-Chlorophenyl-phenylether	0.566	0.620		9.5	
Fluorene	1.110	1.166		5.0	
4-Nitroaniline	0.228	0.266		16.7	
4,6-Dinitro-2-methylphenol	0.067	0.087		29.9	
n-Nitrosodiphenylamine	0.658	0.683		3.8	20.0
2,4,6-Tribromophenol	0.296	0.461		55.7	
4-Bromophenyl-phenylether	0.341	0.413		21.1	
Hexachlorobenzene	0.470	0.626		33.2	
Atrazine	0.190	0.198		4.2	
Pentachlorophenol	0.234	0.296		26.5	20.0
Phenanthrene	1.027	1.070		4.2	
Anthracene	1.030	1.071		4.0	
Carbazole	0.901	0.933		3.6	
Di-n-butylphthalate	1.036	1.033		-0.3	
Fluoranthene	1.033	1.102		6.7	20.0
Pyrene	0.983	0.951		-3.3	
Terphenyl-d14	0.983	1.048		6.6	
Butylbenzylphthalate	0.340	0.333		-2.1	
3,3-Dichlorobenzidine	0.465	0.532		14.4	
Benzo (a) anthracene	1.074	1.085		1.0	
Chrysene	0.972	1.025		5.5	
Bis(2-ethylhexyl)phthalate	0.499	0.451		-9.6	
Di-n-octyl phthalate	0.905	0.841		-7.1	20.0
Benzo (b) fluoranthene	1.019	1.082		6.3	
Benzo (k) fluoranthene	1.023	0.967		-5.5	
Benzo (a) pyrene	0.957	0.989		3.3	20.0
Indeno (1,2,3-cd) pyrene	1.517	1.758		15.9	
Dibenzo (a,h) anthracene	1.241	1.457		17.4	
Benzo (g,h,i) perylene	1.196	1.390		16.2	
1,2,4,5-Tetrachlorobenzene	0.604	0.676		11.9	
1,4-Dioxane	0.589	0.616		4.6	20.0
2,3,4,6-Tetrachlorophenol	0.339	0.417		23.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143853.D
 Acq On : 02 Oct 2025 13:36
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 02 15:57:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	114791	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	408348	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	201182	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	313026	20.000	ng	0.00
76) Chrysene-d12	14.057	240	379221	20.000	ng	0.00
86) Perylene-d12	15.533	264	631257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	598884	84.763	ng	0.00
7) Phenol-d6	6.504	99	671077	82.204	ng	0.00
23) Nitrobenzene-d5	7.445	82	570424	85.507	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	371056	124.565	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1105448	85.746	ng	0.00
79) Terphenyl-d14	12.998	244	1590416	85.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	141369	41.803	ng	93
3) Pyridine	3.399	79	379680	41.593	ng	90
4) n-Nitrosodimethylamine	3.340	42	150706	32.925	ng	# 76
6) Aniline	6.545	93	477964	40.340	ng	98
8) 2-Chlorophenol	6.669	128	302362	41.803	ng	97
9) Benzaldehyde	6.439	77	268436	37.549	ng	95
10) Phenol	6.522	94	413088	43.534	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	297302	39.970	ng	96
12) 1,3-Dichlorobenzene	6.828	146	345446	41.134	ng	98
13) 1,4-Dichlorobenzene	6.904	146	348427	41.574	ng	99
14) 1,2-Dichlorobenzene	7.057	146	328977	41.445	ng	99
15) Benzyl Alcohol	7.022	79	241117	40.876	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	565717	32.074	ng	95
17) 2-Methylphenol	7.128	107	230151	41.100	ng	98
18) Hexachloroethane	7.398	117	119800	40.646	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	194161	36.986	ng	89
20) 3+4-Methylphenols	7.281	107	282959	41.493	ng	95
22) Acetophenone	7.292	105	359176	40.047	ng	96
24) Nitrobenzene	7.469	77	307977	41.650	ng	95
25) Isophorone	7.704	82	520030	40.003	ng	99
26) 2-Nitrophenol	7.781	139	142897	47.124	ng	94
27) 2,4-Dimethylphenol	7.816	122	239123	41.154	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	336748	39.871	ng	100
29) 2,4-Dichlorophenol	8.022	162	249955	43.719	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	257186	43.346	ng	98
31) Naphthalene	8.192	128	801609	41.007	ng	100
32) Benzoic acid	7.898	122	132466	47.252	ng	94
33) 4-Chloroaniline	8.233	127	290558	42.296	ng	99
34) Hexachlorobutadiene	8.310	225	197904	44.744	ng	99
35) Caprolactam	8.592	113	62526	42.787	ng	# 84
36) 4-Chloro-3-methylphenol	8.710	107	226579	42.256	ng	99
37) 2-Methylnaphthalene	8.881	142	517791	41.540	ng	100
38) 1-Methylnaphthalene	8.981	142	494125	41.416	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	272159	44.827	ng	98
41) Hexachlorocyclopentadiene	9.033	237	147092	38.227	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	172917	45.485	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143853.D
 Acq On : 02 Oct 2025 13:36
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

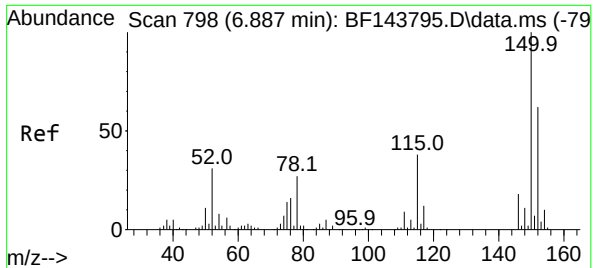
Quant Time: Oct 02 15:57:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	179786	45.213	ng	98
46) 1,1'-Biphenyl	9.345	154	602459	41.369	ng	98
47) 2-Chloronaphthalene	9.369	162	493793	42.124	ng	98
48) 2-Nitroaniline	9.463	65	165535	46.722	ng	96
49) Acenaphthylene	9.786	152	674075	41.770	ng	100
50) Dimethylphthalate	9.639	163	508332	41.456	ng	99
51) 2,6-Dinitrotoluene	9.704	165	99658	49.467	ng	92
52) Acenaphthene	9.957	154	445306	41.932	ng	100
53) 3-Nitroaniline	9.869	138	116705	47.791	ng	100
54) 2,4-Dinitrophenol	9.975	184	32799	49.285	ng	# 72
55) Dibenzofuran	10.128	168	629639	41.928	ng	98
56) 4-Nitrophenol	10.022	139	76975	39.116	ng	91
57) 2,4-Dinitrotoluene	10.104	165	133985	45.000	ng	91
58) Fluorene	10.475	166	469000	42.010	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	167807	49.261	ng	# 93
60) Diethylphthalate	10.339	149	471338	41.063	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	249432	43.849	ng	96
62) 4-Nitroaniline	10.480	138	106947	46.577	ng	96
63) Azobenzene	10.622	77	465351	38.468	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	54617	47.767	ng	87
66) n-Nitrosodiphenylamine	10.580	169	427695	41.546	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	258672	48.490	ng	# 94
68) Hexachlorobenzene	11.022	284	392052	53.330	ng	# 93
69) Atrazine	11.104	200	123899	41.562	ng	98
70) Pentachlorophenol	11.216	266	185236	50.620	ng	99
71) Phenanthrene	11.433	178	669759	41.676	ng	100
72) Anthracene	11.486	178	670358	41.585	ng	99
73) Carbazole	11.639	167	583820	41.423	ng	99
74) Di-n-butylphthalate	11.974	149	646496	39.884	ng	100
75) Fluoranthene	12.627	202	690042	42.691	ng	99
77) Benzidine	12.751	184	332612	35.994	ng	98
78) Pyrene	12.857	202	720958	38.669	ng	99
80) Butylbenzylphthalate	13.474	149	252851	39.200	ng	94
81) Benzo(a)anthracene	14.045	228	823048	40.400	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	403752	45.747	ng	# 99
83) Chrysene	14.080	228	777552	42.180	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	342119	36.185	ng	# 98
85) Di-n-octyl phthalate	14.651	149	638051	37.203	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.033	276	2219874	46.348	ng	# 98
88) Benzo(b)fluoranthene	15.098	252	1366449	42.507	ng	100
89) Benzo(k)fluoranthene	15.127	252	1221003	37.806	ng	99
90) Benzo(a)pyrene	15.474	252	1248189	41.307	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1839058	46.945	ng	# 98
92) Benzo(g,h,i)perylene	17.486	276	1755383	46.484	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

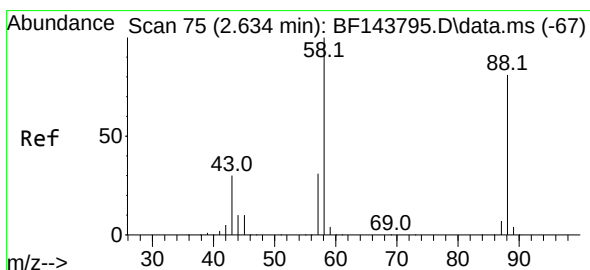
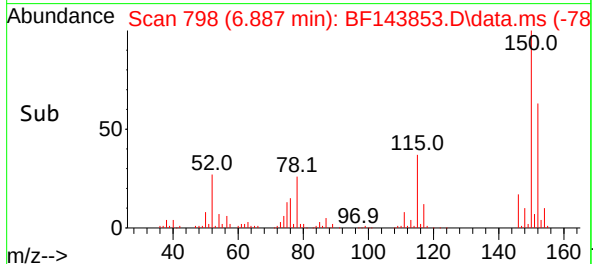
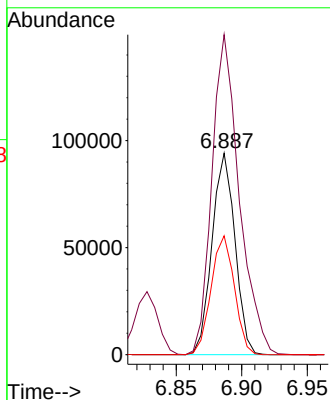
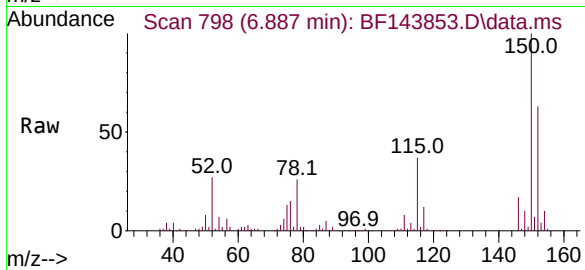
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

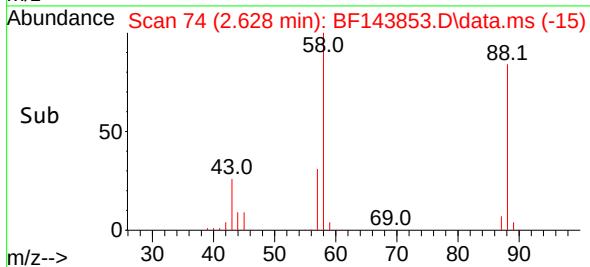
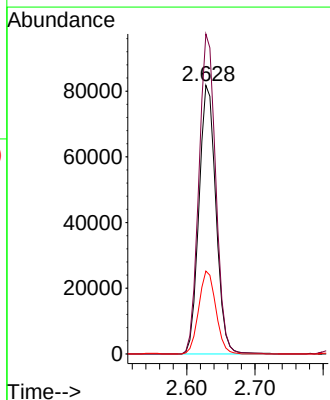
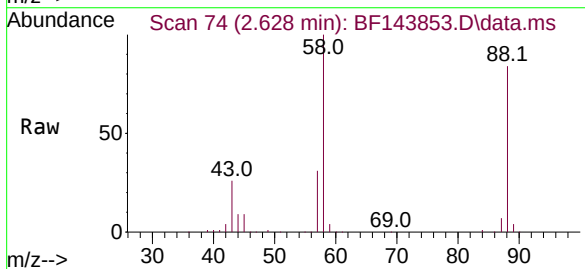
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

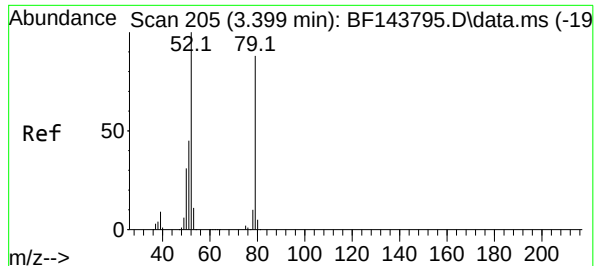
Tgt Ion:152 Resp: 114791
Ion Ratio Lower Upper
152 100
150 158.9 129.6 194.4
115 59.0 49.0 73.4



#2
1,4-Dioxane
Concen: 41.803 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion: 88 Resp: 141369
Ion Ratio Lower Upper
88 100
58 118.3 99.4 149.2
43 31.0 30.6 45.8

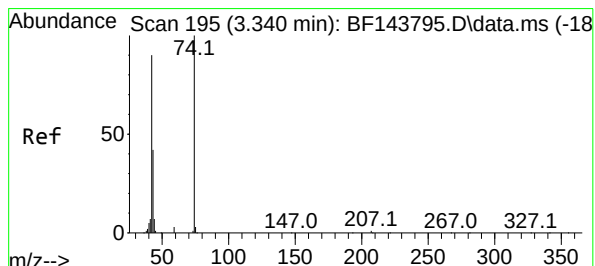
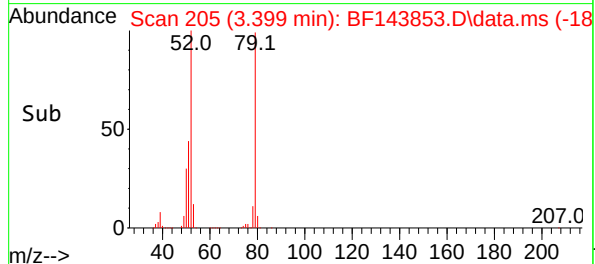
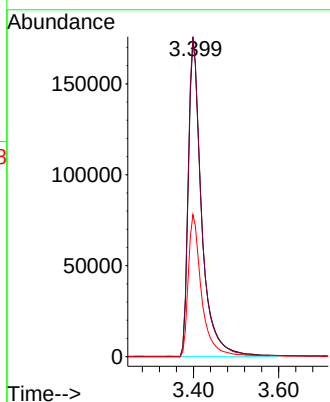
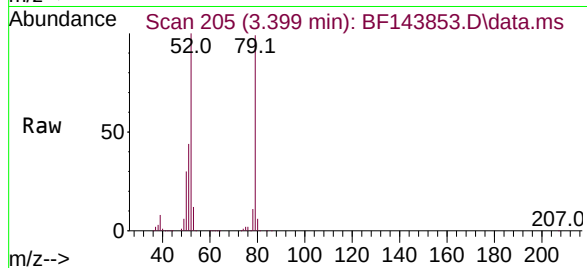




#3
Pyridine
Concen: 41.593 ng
RT: 3.399 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

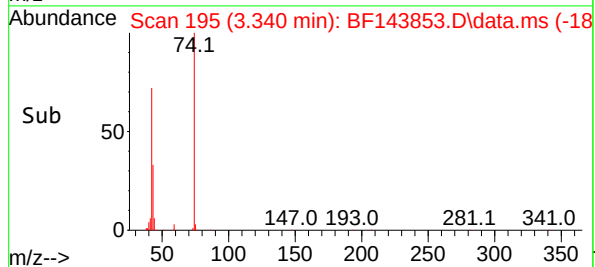
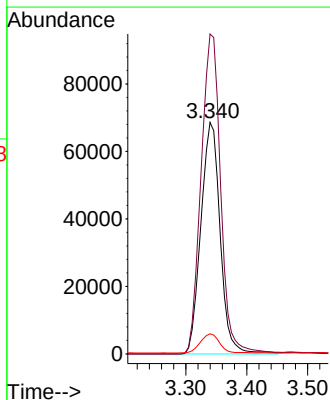
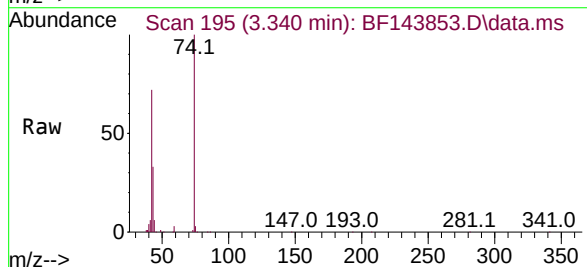
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

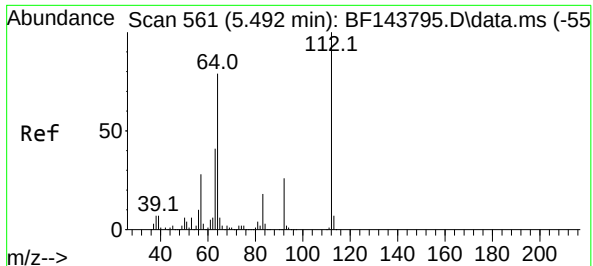
Tgt Ion: 79 Resp: 379680
Ion Ratio Lower Upper
79 100
52 101.1 90.5 135.7
51 44.9 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 32.925 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.018 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion: 42 Resp: 150706
Ion Ratio Lower Upper
42 100
74 138.2 89.1 133.7#
44 8.7 6.4 9.6

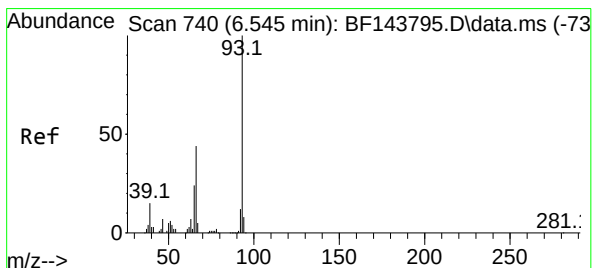
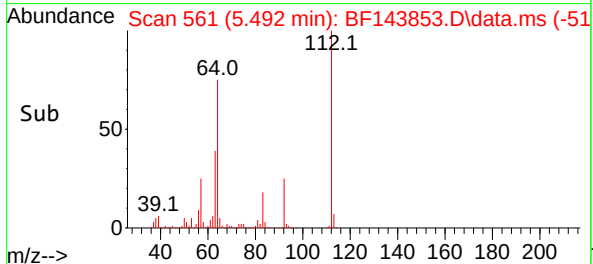
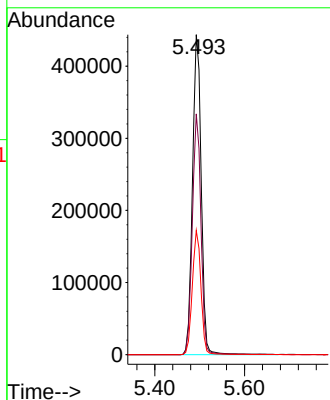
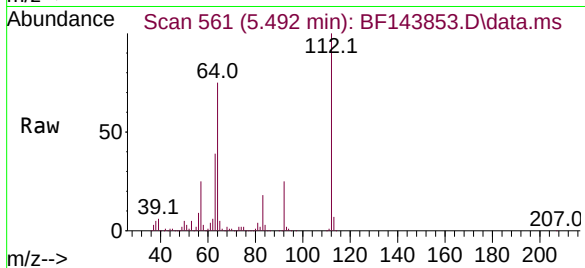




#5
2-Fluorophenol
Concen: 84.763 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

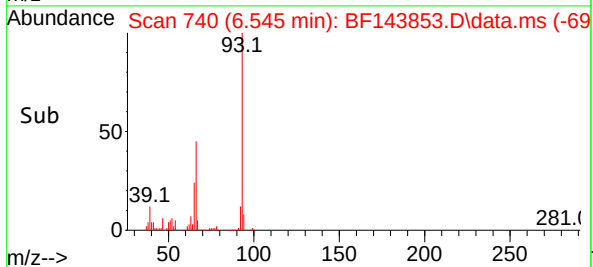
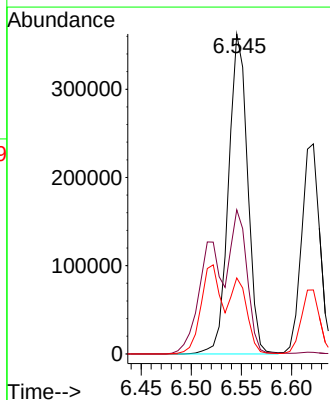
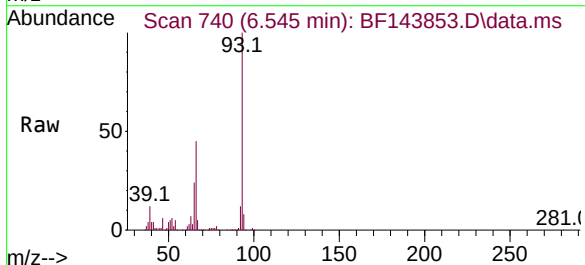
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

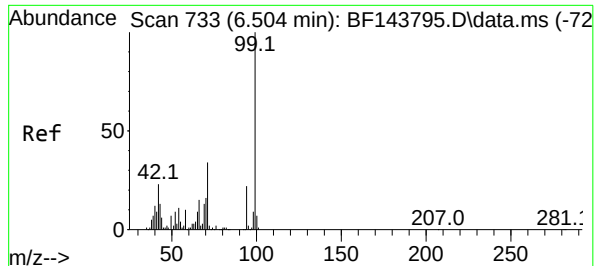
Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.2	63.0	94.4
63	38.8	32.6	49.0



#6
Aniline
Concen: 40.340 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.0	37.1	55.7
65	23.7	19.4	29.0

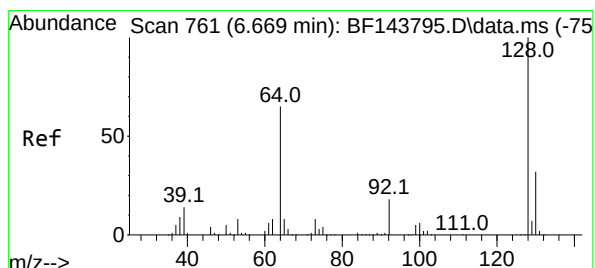
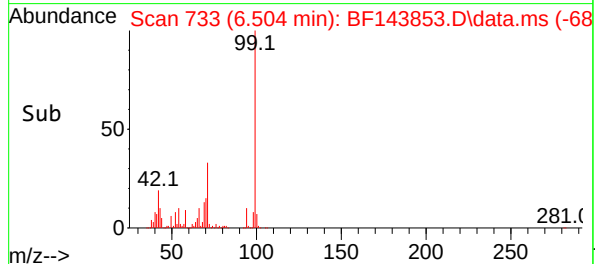
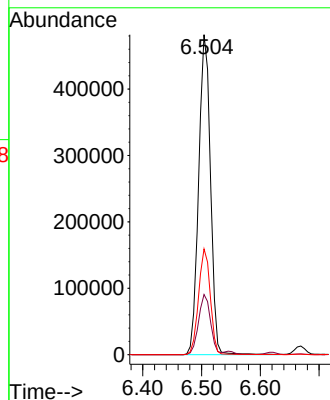
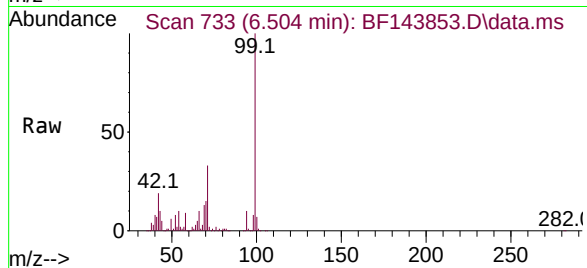




#7
Phenol-d6
Concen: 82.204 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

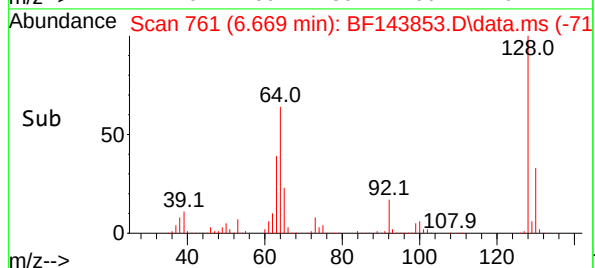
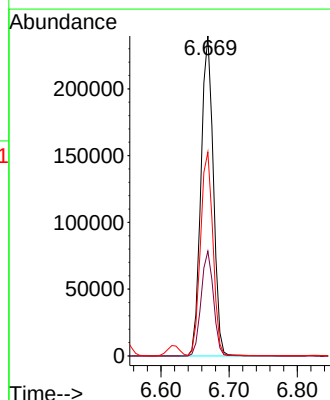
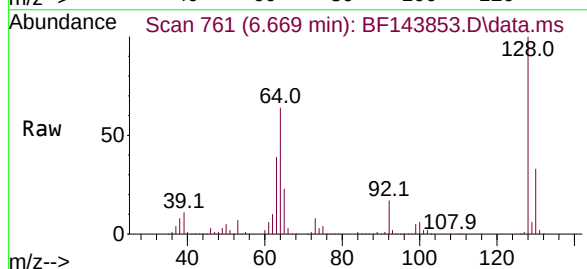
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

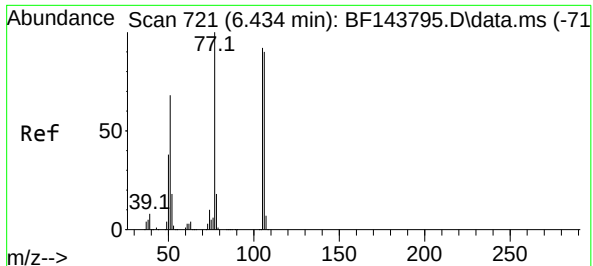
Tgt Ion: 99 Resp: 671077
Ion Ratio Lower Upper
99 100
42 18.8 18.6 28.0
71 33.0 27.0 40.4



#8
2-Chlorophenol
Concen: 41.803 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion: 128 Resp: 302362
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 63.7 46.5 86.5





#9

Benzaldehyde

Concen: 37.549 ng

RT: 6.439 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

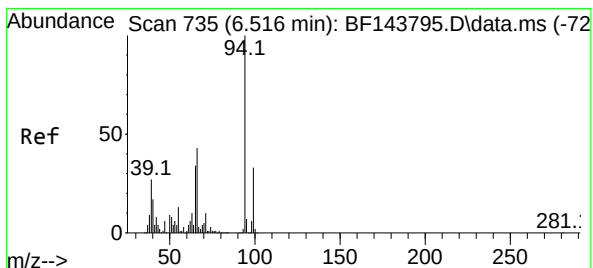
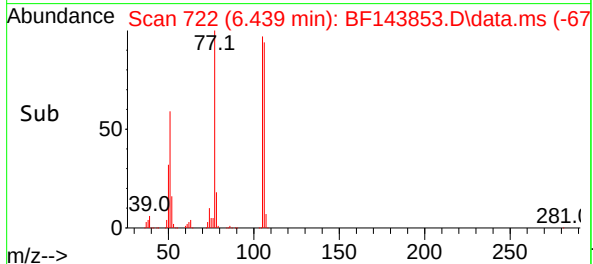
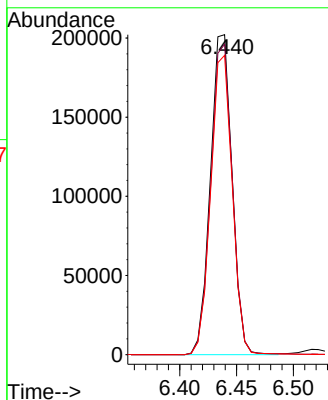
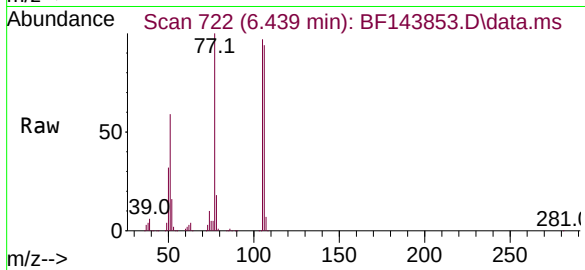
Tgt Ion: 77 Resp: 268436

Ion Ratio Lower Upper

77 100

105 97.0 71.8 111.8

106 93.5 69.8 109.8



#10

Phenol

Concen: 43.534 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

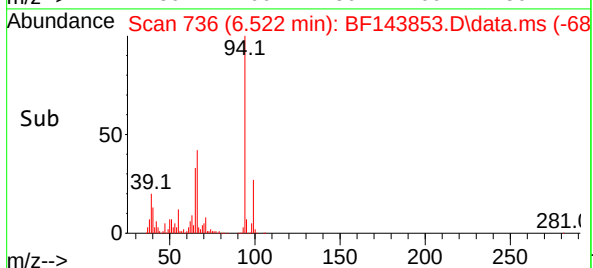
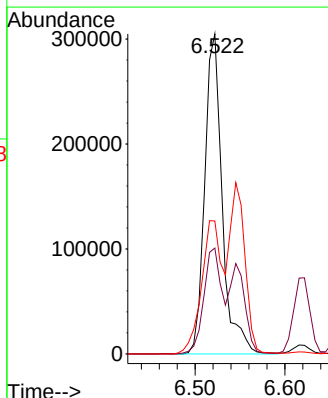
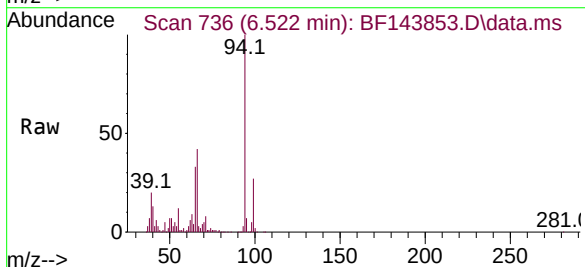
Tgt Ion: 94 Resp: 413088

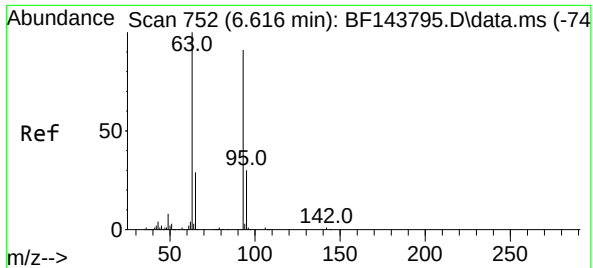
Ion Ratio Lower Upper

94 100

65 33.1 14.2 54.2

66 41.5 24.1 64.1

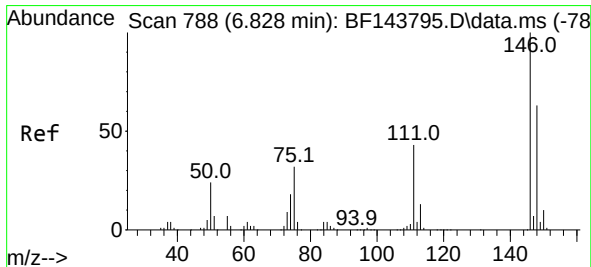
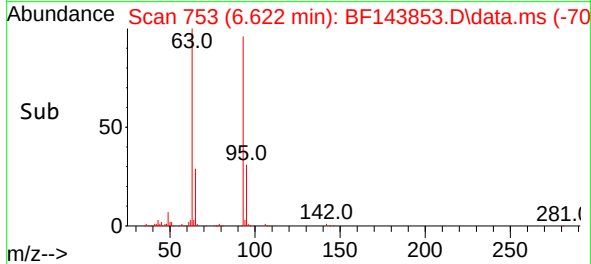
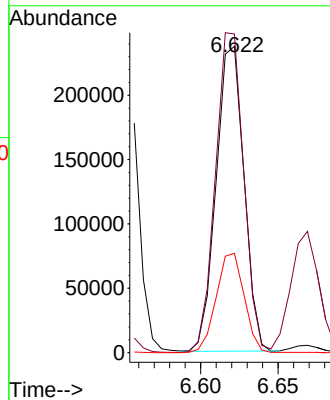
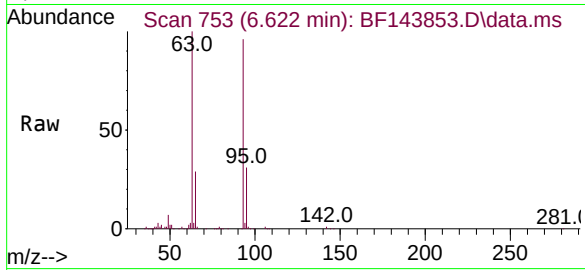




#11
bis(2-Chloroethyl)ether
Concen: 39.970 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

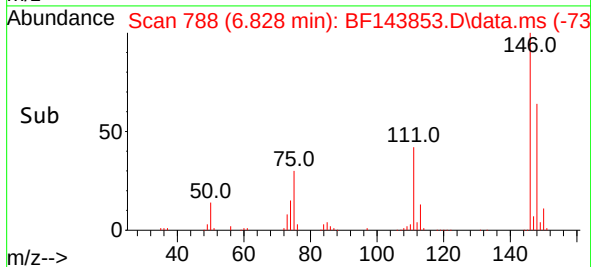
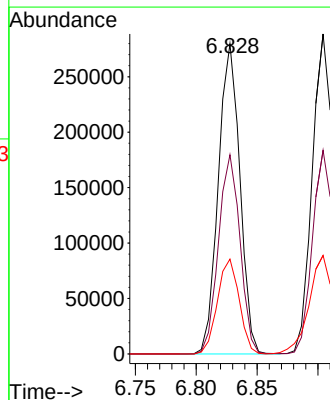
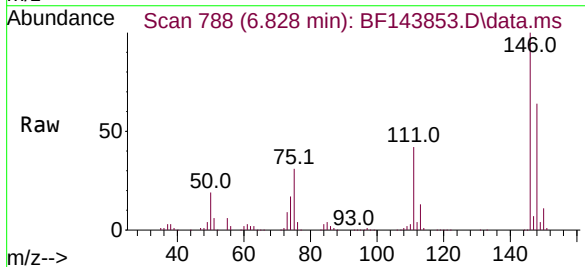
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

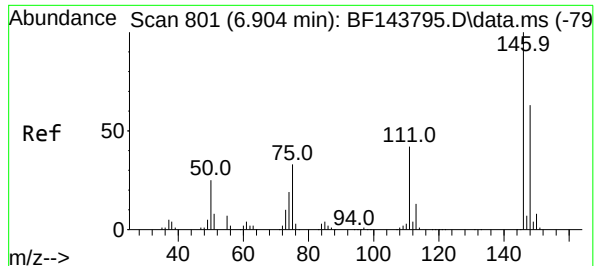
Tgt Ion: 93 Resp: 297302
Ion Ratio Lower Upper
93 100
63 104.0 89.2 129.2
95 32.4 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.134 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:146 Resp: 345446
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
75 30.6 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 41.574 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

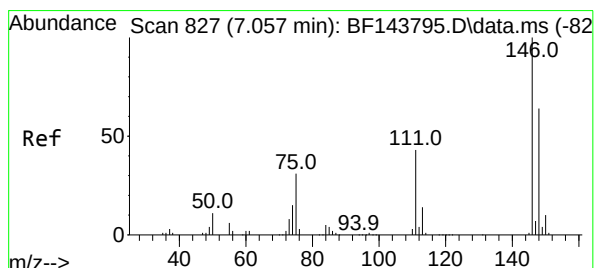
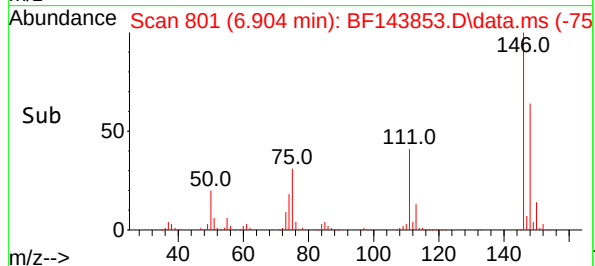
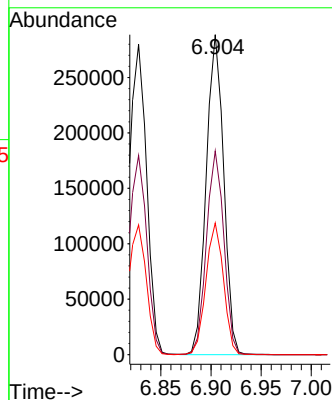
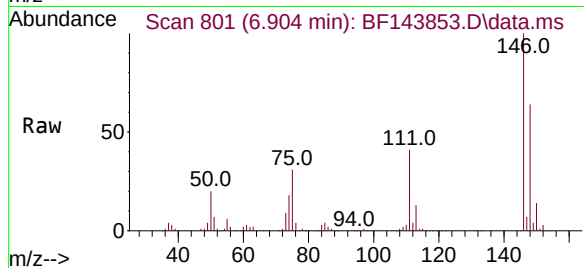
Tgt Ion:146 Resp: 348427

Ion Ratio Lower Upper

146 100

148 63.6 50.7 76.1

111 41.1 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 41.445 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

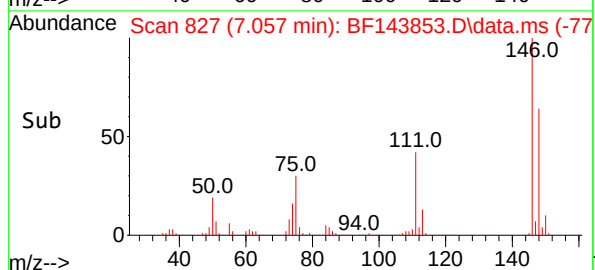
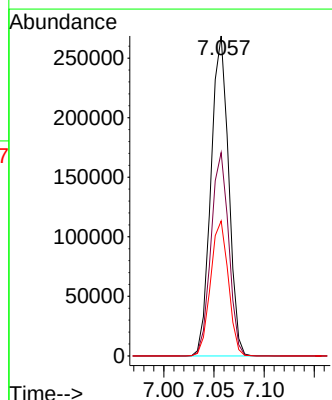
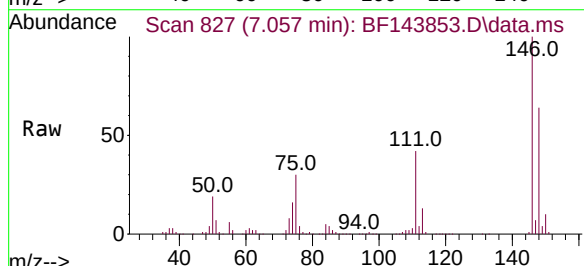
Tgt Ion:146 Resp: 328977

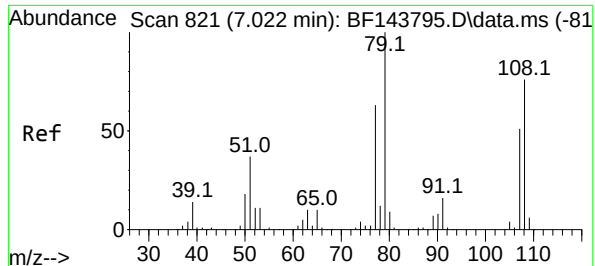
Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

111 42.2 34.3 51.5





#15

Benzyl Alcohol

Concen: 40.876 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

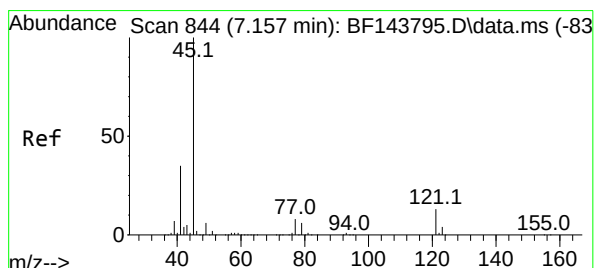
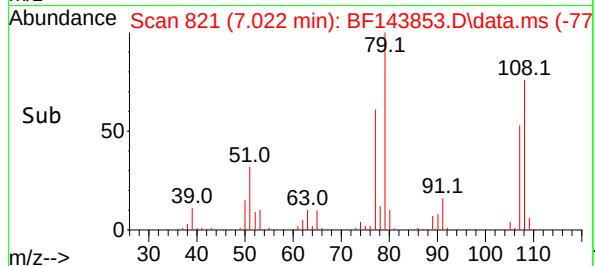
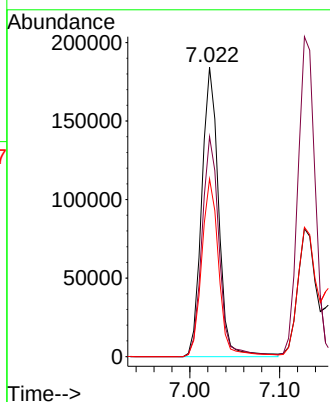
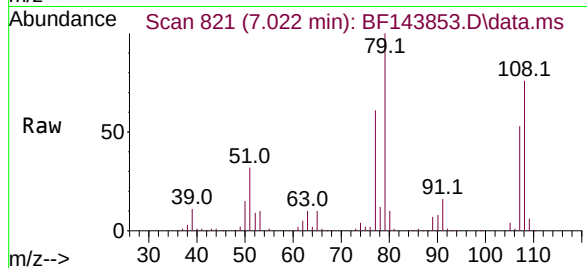
Tgt Ion: 79 Resp: 241117

Ion Ratio Lower Upper

79 100

108 76.0 60.5 90.7

77 61.4 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.074 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

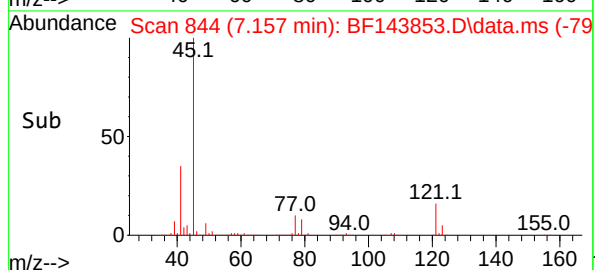
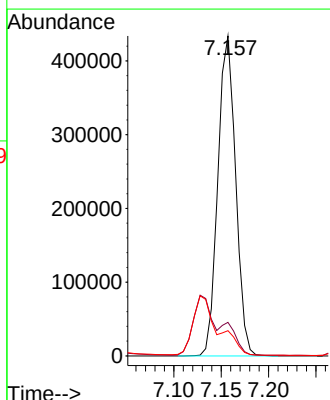
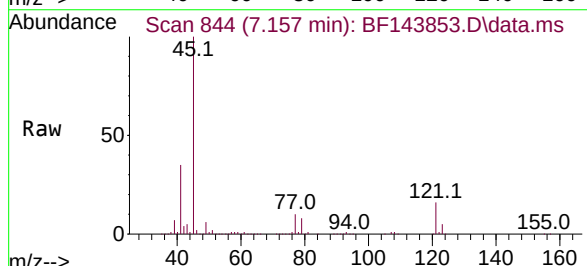
Tgt Ion: 45 Resp: 565717

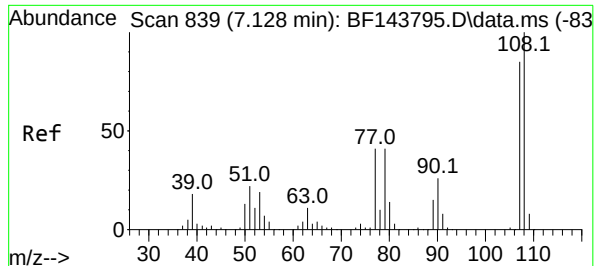
Ion Ratio Lower Upper

45 100

77 10.5 0.0 28.5

79 7.9 0.0 26.3

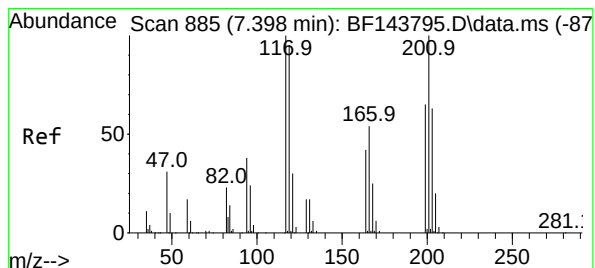
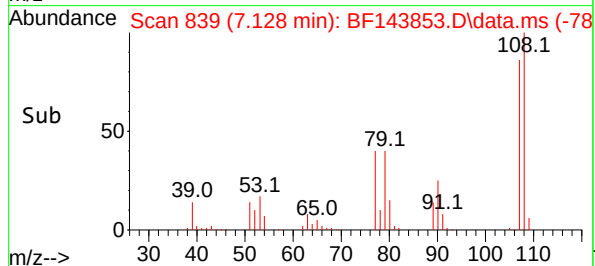
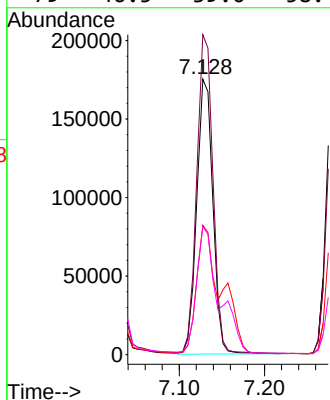
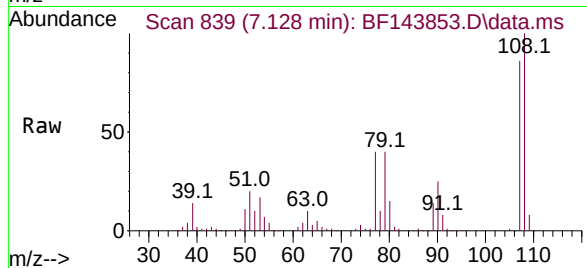




#17
2-Methylphenol
Concen: 41.100 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

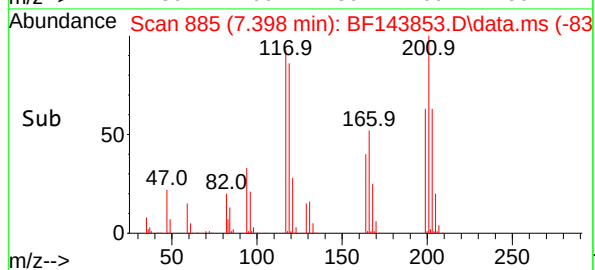
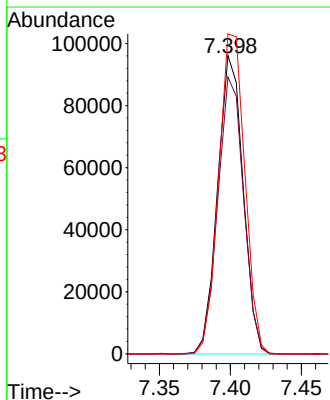
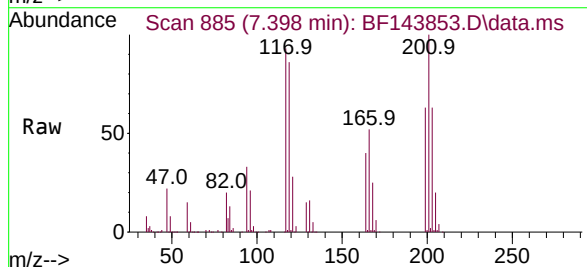
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

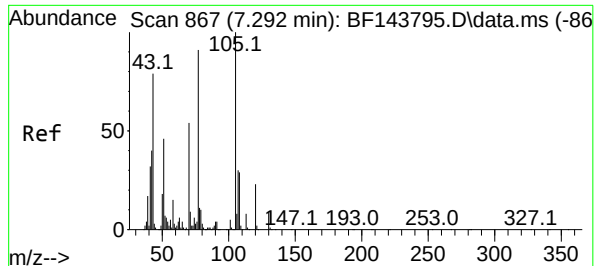
Tgt Ion:	107	Resp:	230151
Ion	Ratio	Lower	Upper
107	100		
108	116.2	94.2	141.4
77	46.9	38.6	58.0
79	46.5	39.0	58.4



#18
Hexachloroethane
Concen: 40.646 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:	117	Resp:	119800
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.2	114.2
201	107.3	79.7	119.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.986 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 194161

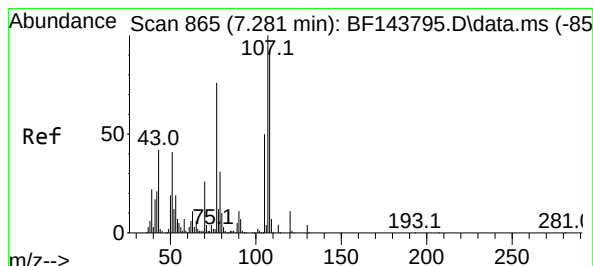
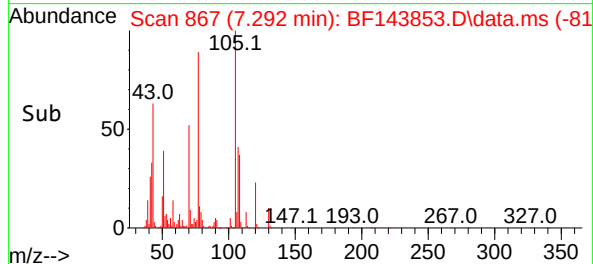
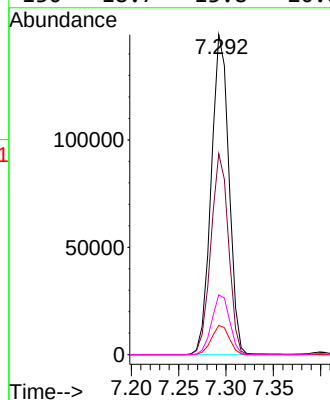
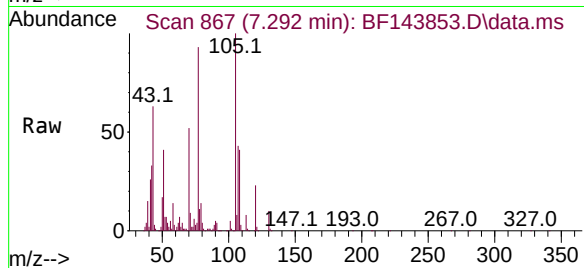
Ion Ratio Lower Upper

70 100

42 62.8 59.4 89.0

101 9.2 7.1 10.7

130 18.7 13.8 20.8



#20

3+4-Methylphenols

Concen: 41.493 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Tgt Ion: 107 Resp: 282959

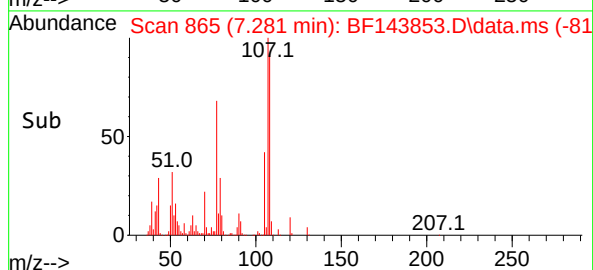
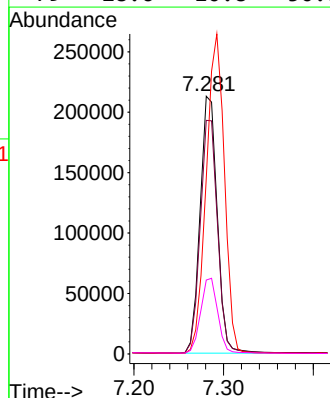
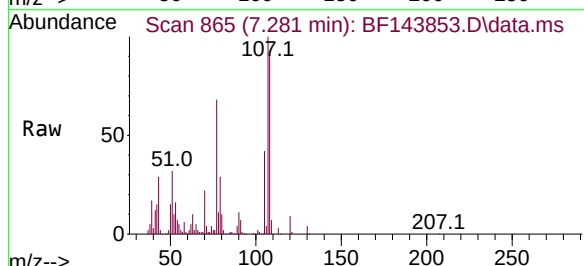
Ion Ratio Lower Upper

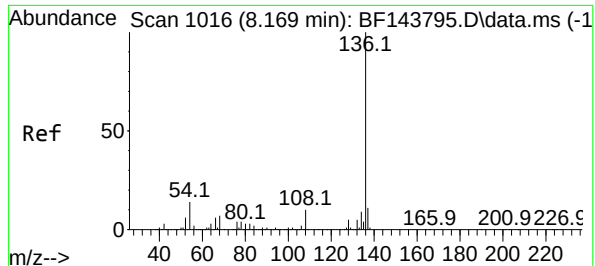
107 100

108 90.6 72.5 112.5

77 68.2 56.2 96.2

79 28.6 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 408348

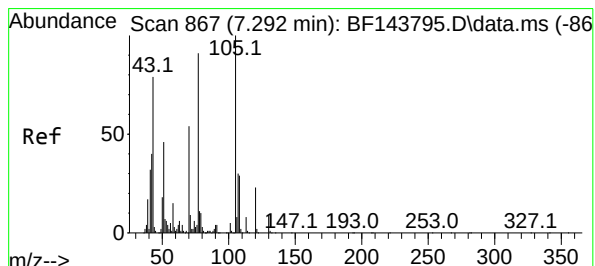
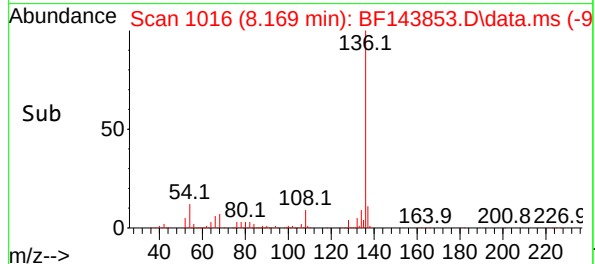
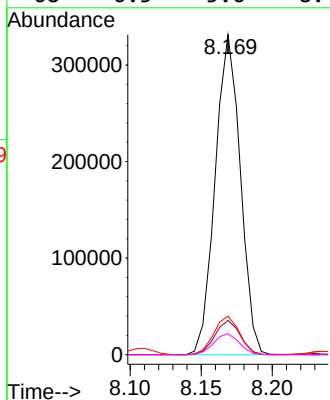
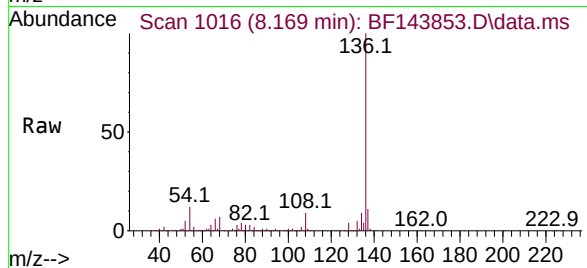
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 12.0 11.2 16.8

68 6.5 5.6 8.4



#22

Acetophenone

Concen: 40.047 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Tgt Ion:105 Resp: 359176

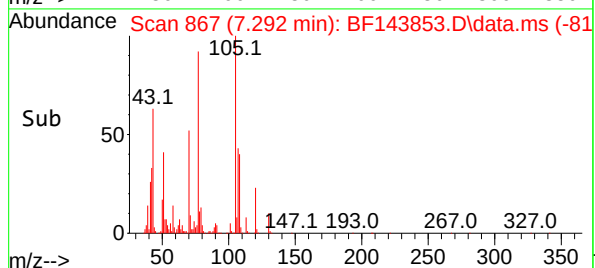
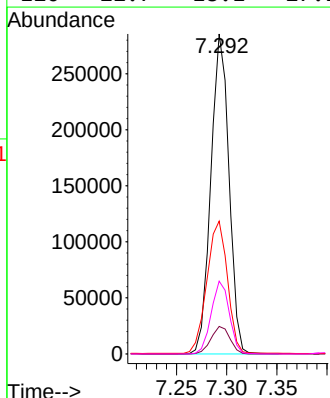
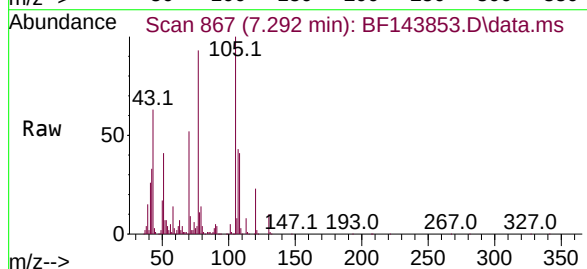
Ion Ratio Lower Upper

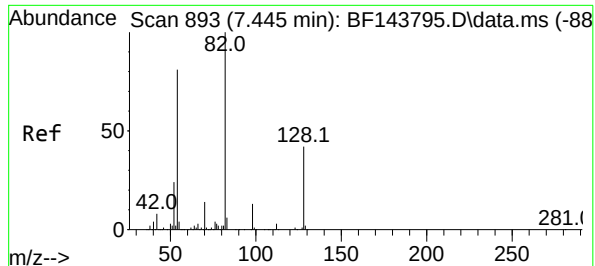
105 100

71 8.6 7.0 10.4

51 41.5 36.6 55.0

120 22.7 18.1 27.1





#23

Nitrobenzene-d5

Concen: 85.507 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

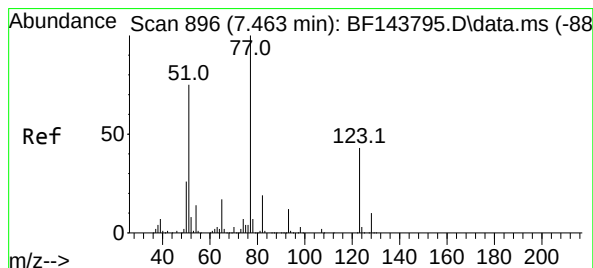
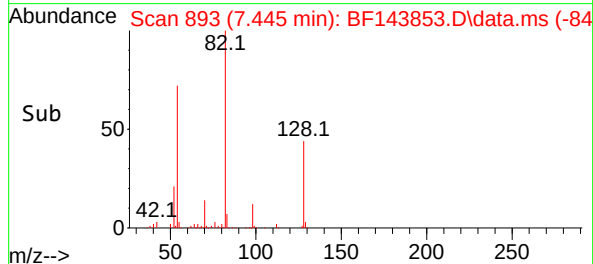
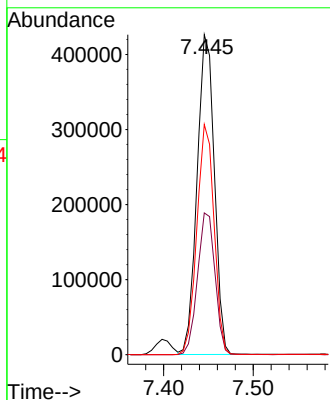
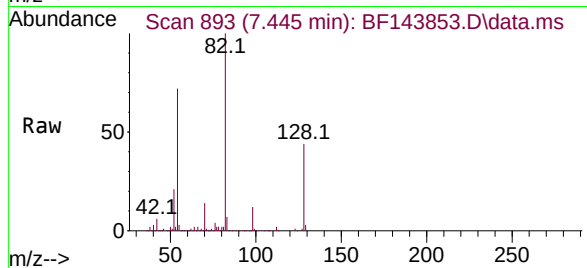
Tgt Ion: 82 Resp: 570424

Ion Ratio Lower Upper

82 100

128 44.3 33.3 49.9

54 71.9 64.2 96.4



#24

Nitrobenzene

Concen: 41.650 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

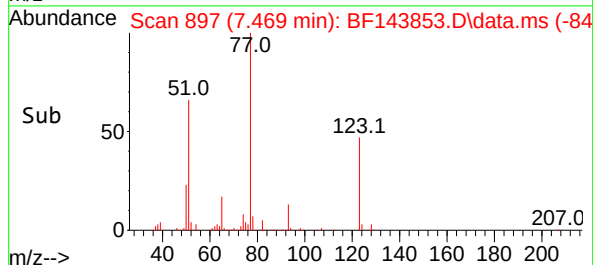
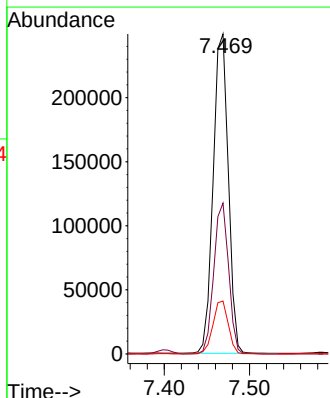
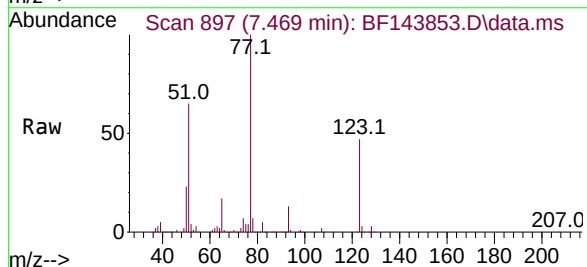
Tgt Ion: 77 Resp: 307977

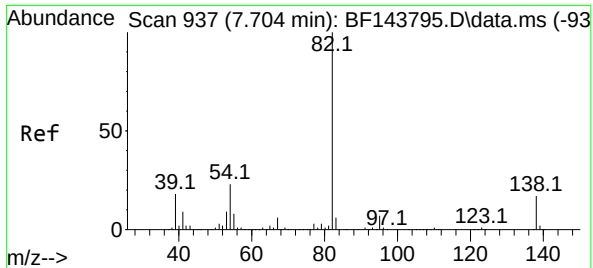
Ion Ratio Lower Upper

77 100

123 47.1 34.0 51.0

65 16.5 13.5 20.3

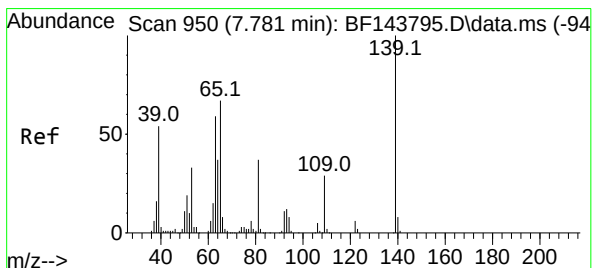
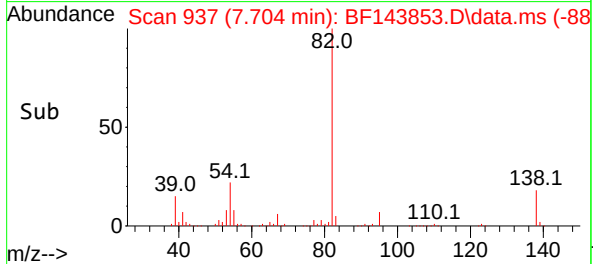
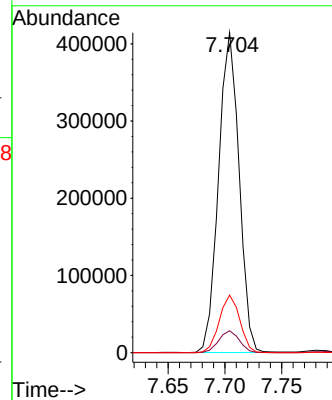
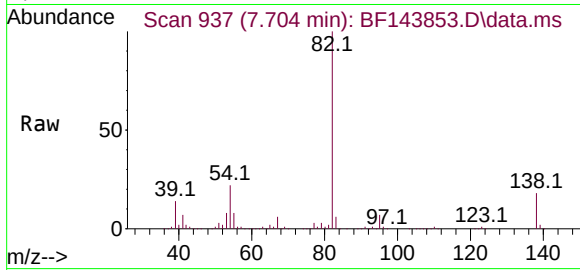




#25
Isophorone
Concen: 40.003 ng
RT: 7.704 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

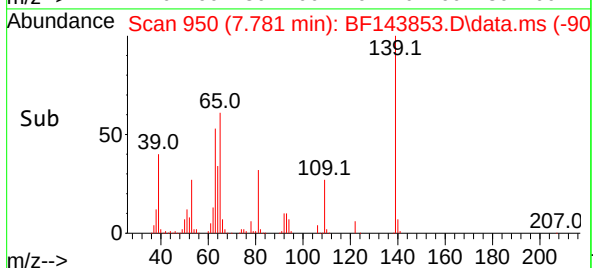
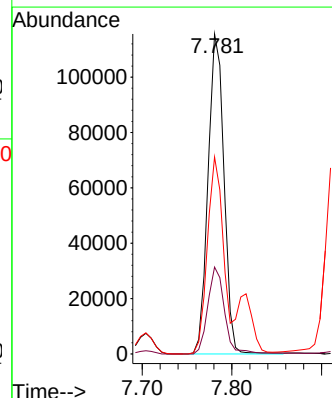
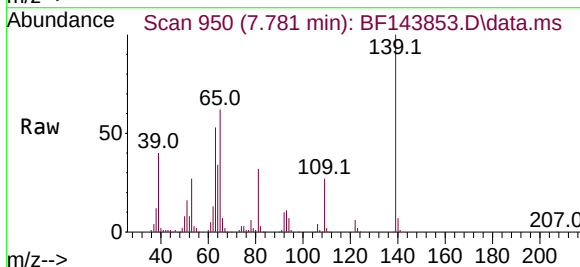
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

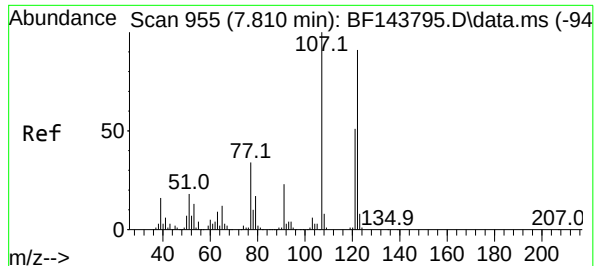
Tgt Ion:	82	Resp:	520030
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	18.0	13.7	20.5



#26
2-Nitrophenol
Concen: 47.124 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:	139	Resp:	142897
Ion Ratio	Lower	Upper	
139	100		
109	27.1	23.3	34.9
65	61.5	53.8	80.6





#27

2,4-Dimethylphenol

Concen: 41.154 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

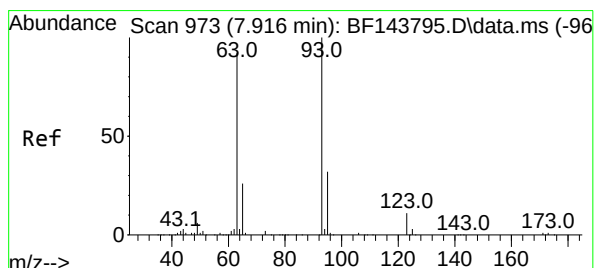
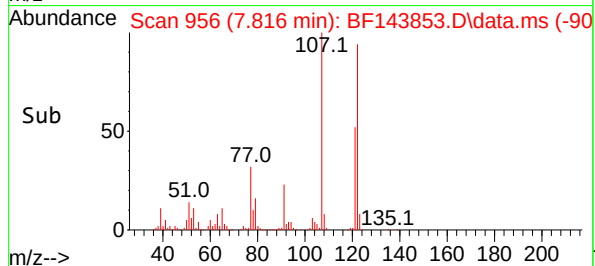
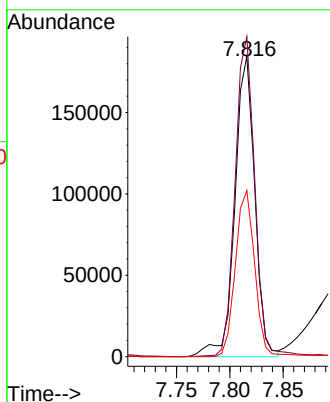
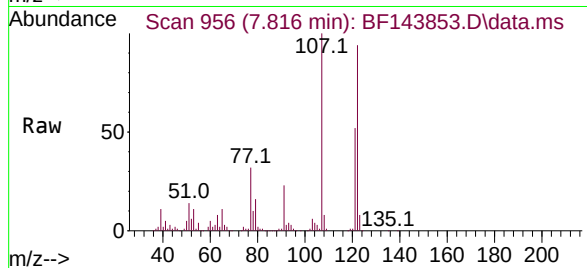
Tgt Ion:122 Resp: 239123

Ion Ratio Lower Upper

122 100

107 106.6 87.5 131.3

121 55.3 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.871 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

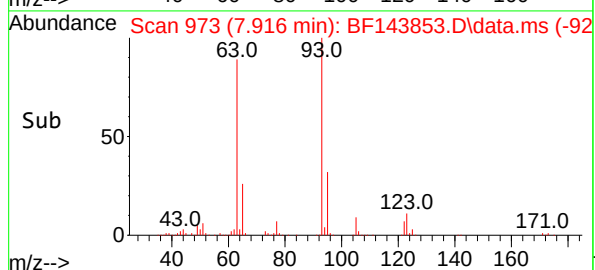
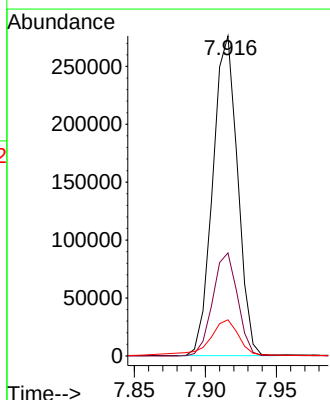
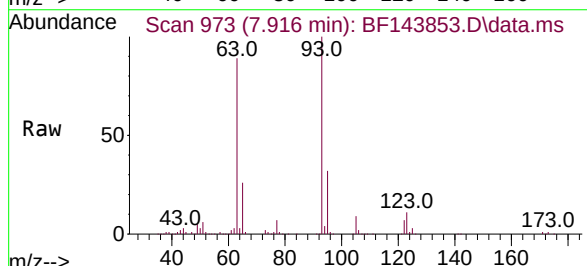
Tgt Ion: 93 Resp: 336748

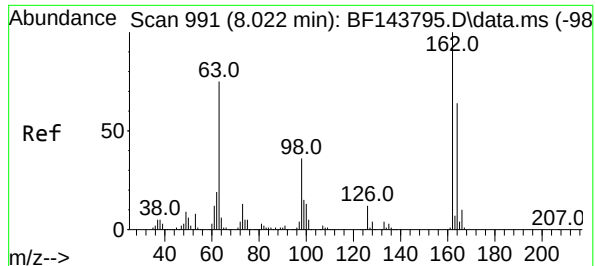
Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.8

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 43.719 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

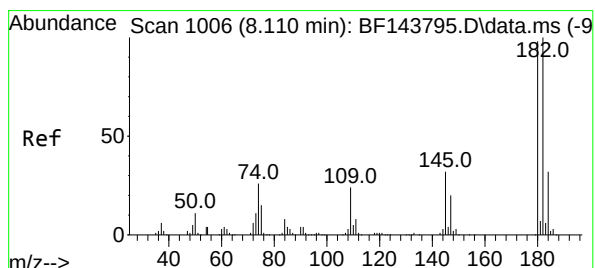
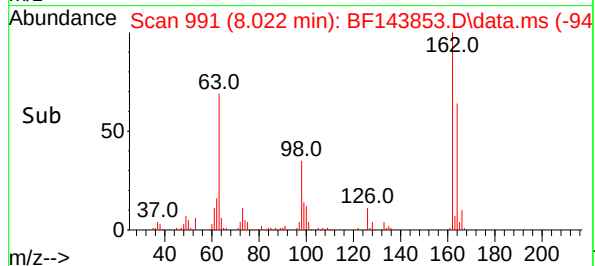
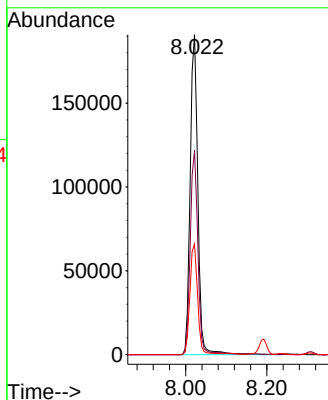
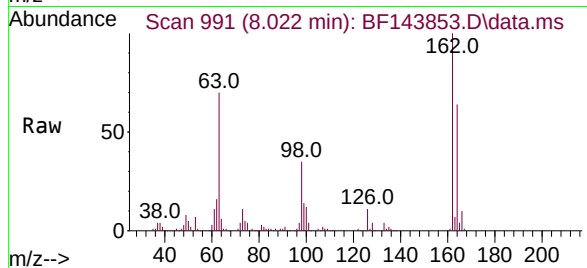
Tgt Ion:162 Resp: 249955

Ion Ratio Lower Upper

162 100

164 63.9 44.1 84.1

98 34.6 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 43.346 ng

RT: 8.110 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

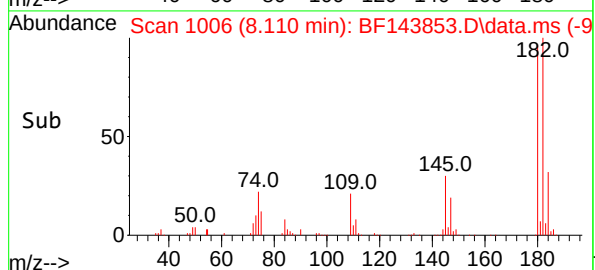
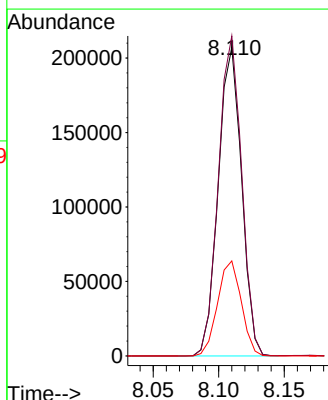
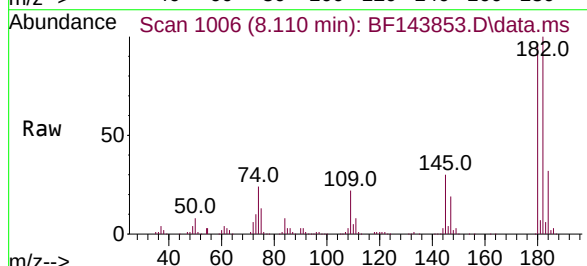
Tgt Ion:180 Resp: 257186

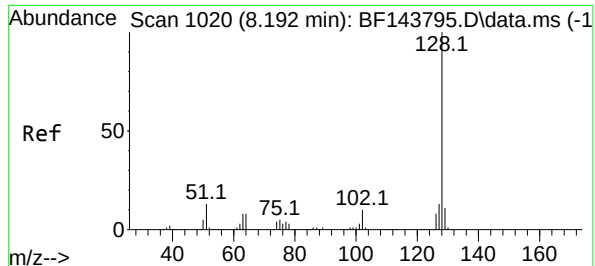
Ion Ratio Lower Upper

180 100

182 103.7 82.0 123.0

145 30.8 25.9 38.9





#31

Naphthalene

Concen: 41.007 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

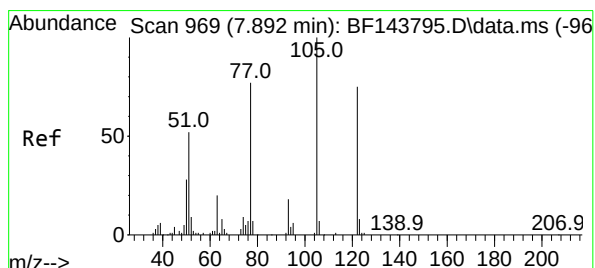
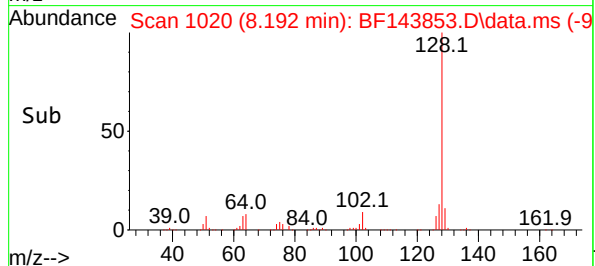
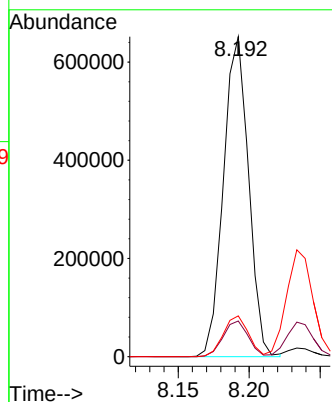
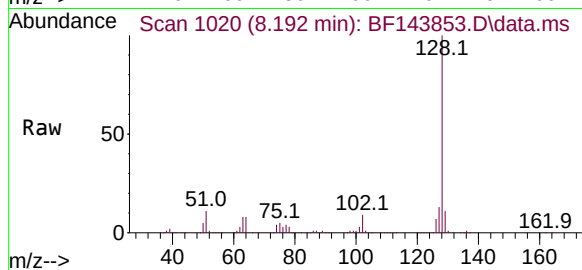
Tgt Ion:128 Resp: 801609

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 12.7 10.2 15.4



#32

Benzoic acid

Concen: 47.252 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.024 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

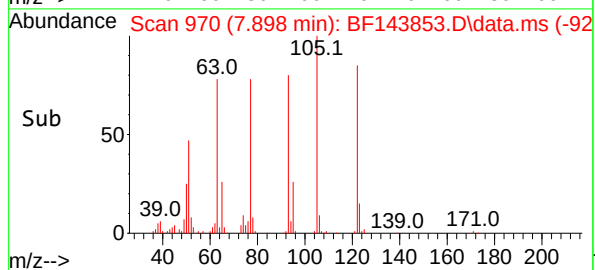
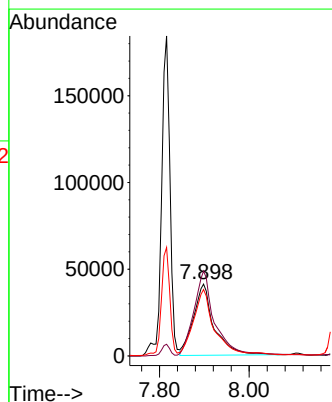
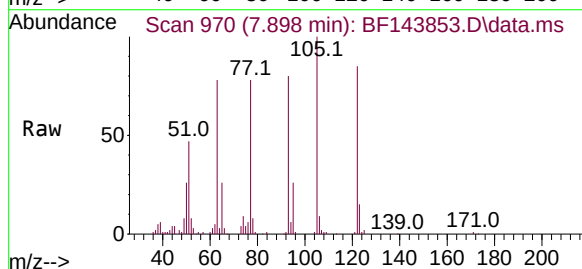
Tgt Ion:122 Resp: 132466

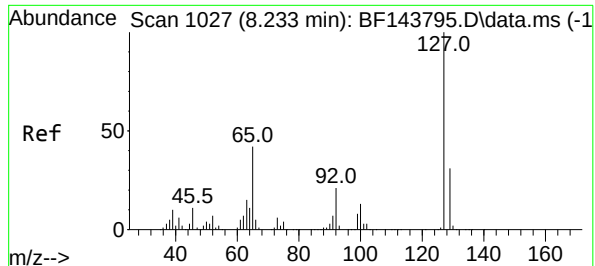
Ion Ratio Lower Upper

122 100

105 118.1 103.7 143.7

77 92.4 78.8 118.8





#33

4-Chloroaniline

Concen: 42.296 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 290558

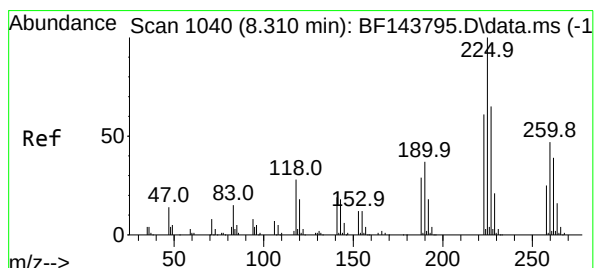
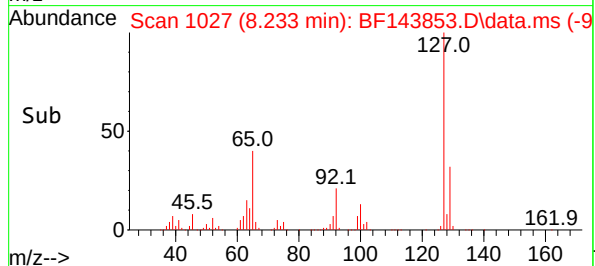
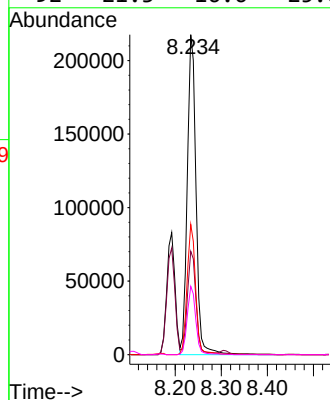
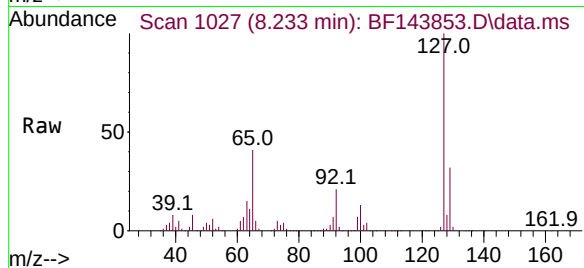
Ion Ratio Lower Upper

127 100

129 32.3 25.4 38.2

65 40.7 33.4 50.2

92 21.3 16.6 25.0



#34

Hexachlorobutadiene

Concen: 44.744 ng

RT: 8.310 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

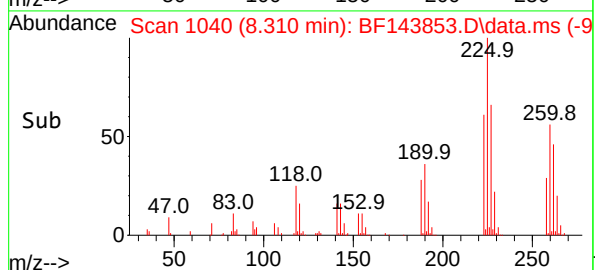
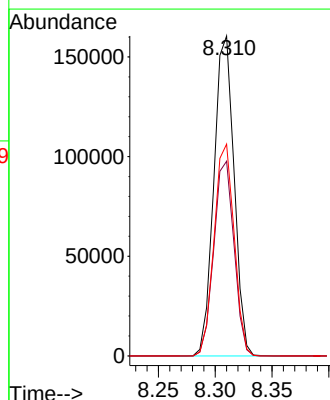
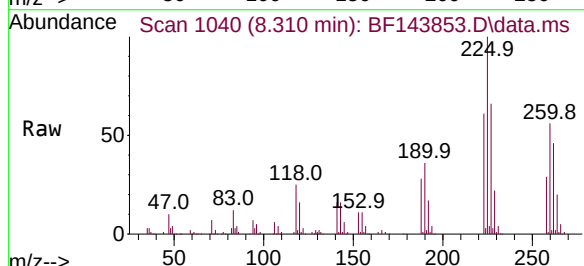
Tgt Ion:225 Resp: 197904

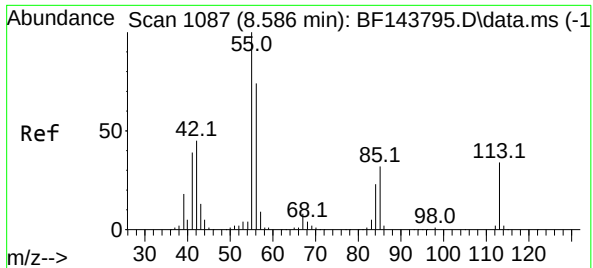
Ion Ratio Lower Upper

225 100

223 60.8 48.6 72.8

227 66.2 51.9 77.9

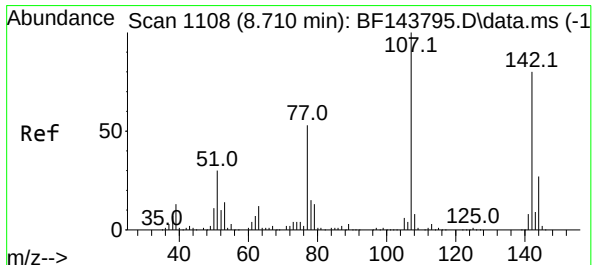
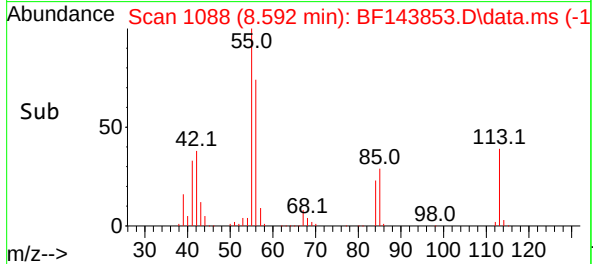
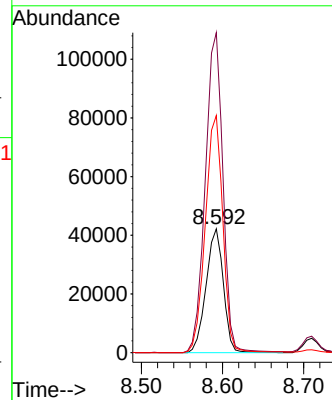
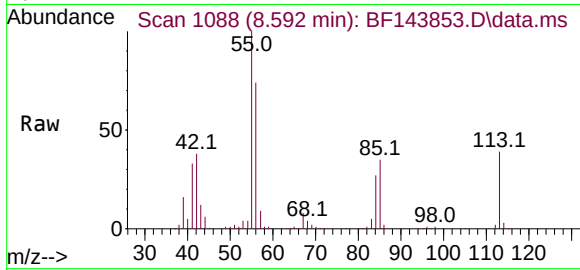




#35
 Caprolactam
 Concen: 42.787 ng
 RT: 8.592 min Scan# 1087
 Delta R.T. -0.018 min
 Lab File: BF143853.D
 Acq: 02 Oct 2025 13:36

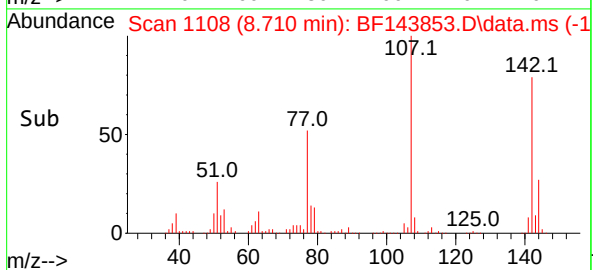
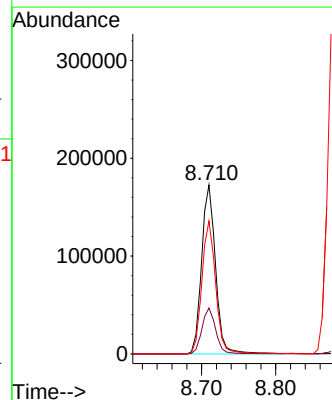
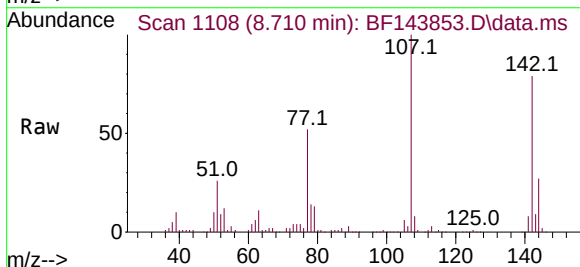
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

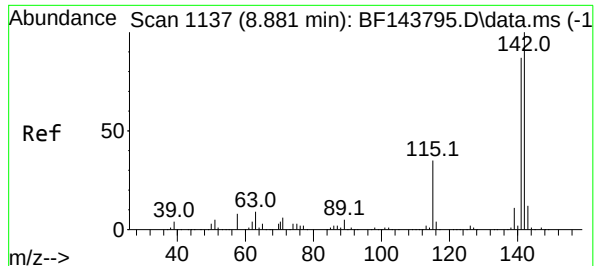
Tgt Ion:113 Resp: 62526
 Ion Ratio Lower Upper
 113 100
 55 258.5 271.7 311.7#
 56 191.6 194.5 234.5#



#36
 4-Chloro-3-methylphenol
 Concen: 42.256 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF143853.D
 Acq: 02 Oct 2025 13:36

Tgt Ion:107 Resp: 226579
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.8 32.8
 142 78.6 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.540 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

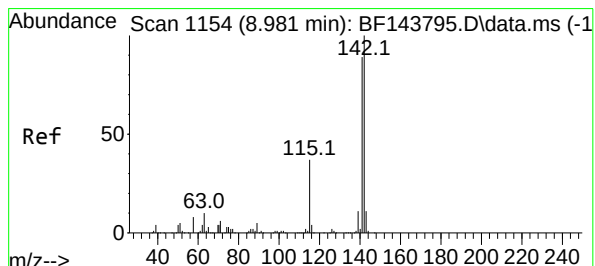
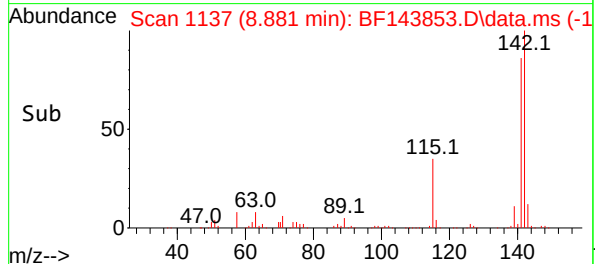
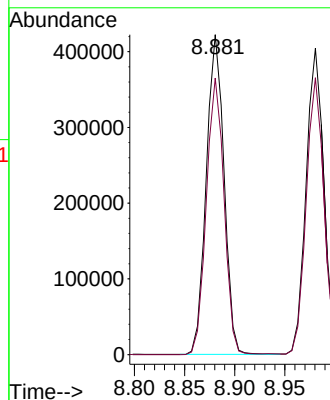
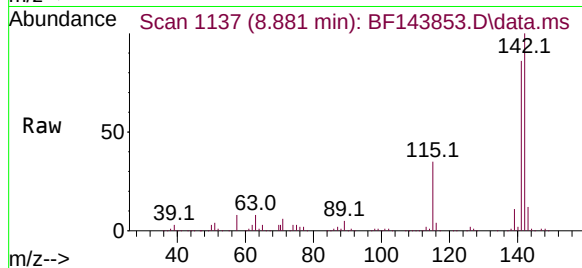
SSTDCCC040

Tgt Ion:142 Resp: 517791

Ion Ratio Lower Upper

142 100

141 86.4 69.4 104.0



#38

1-Methylnaphthalene

Concen: 41.416 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143853.D

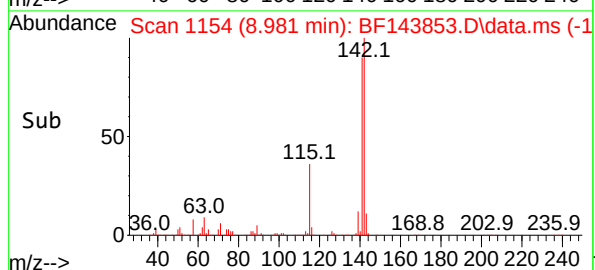
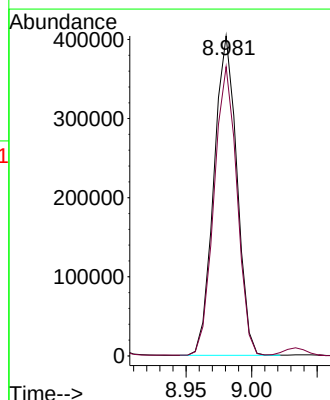
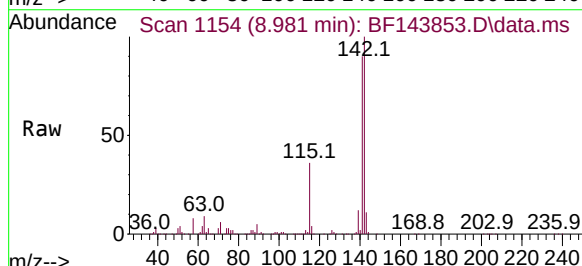
Acq: 02 Oct 2025 13:36

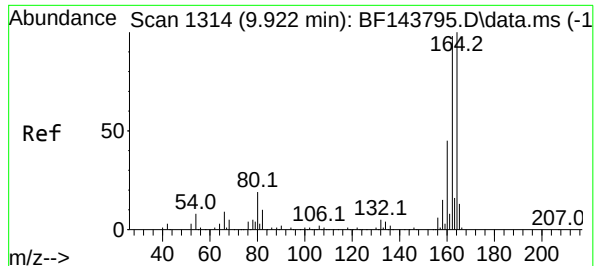
Tgt Ion:142 Resp: 494125

Ion Ratio Lower Upper

142 100

141 90.4 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

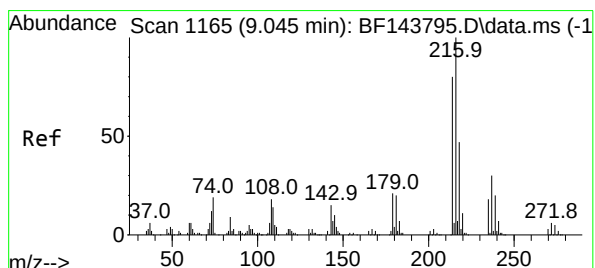
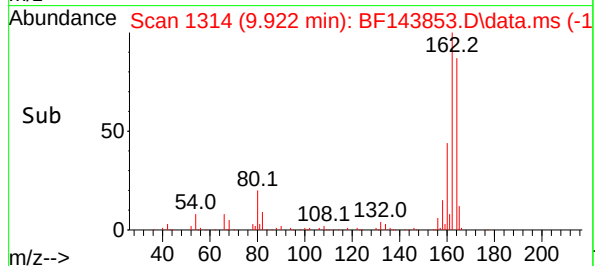
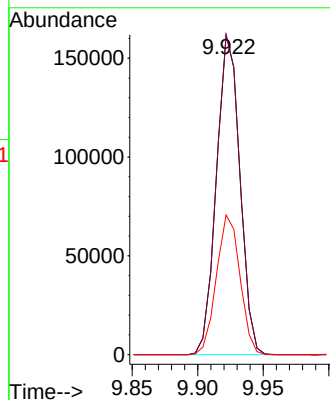
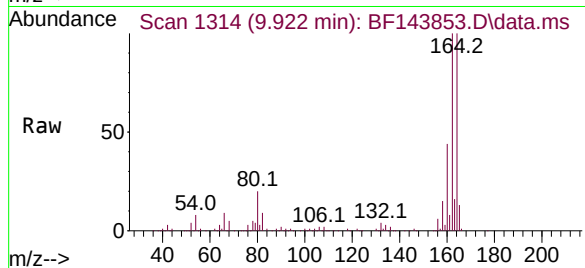
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 201182

Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	43.7	35.8	53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.827 ng

RT: 9.045 min Scan# 1165

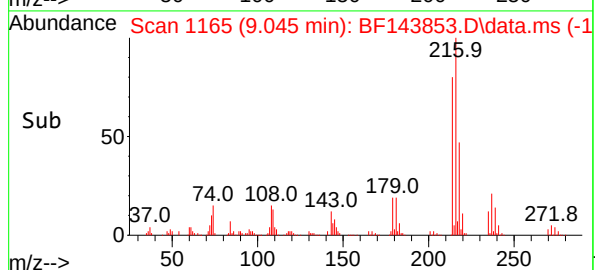
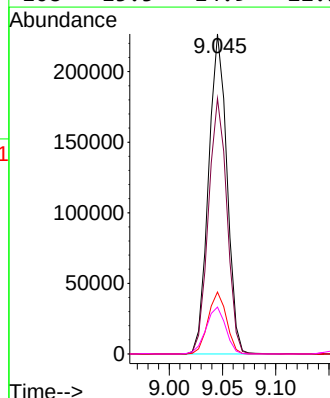
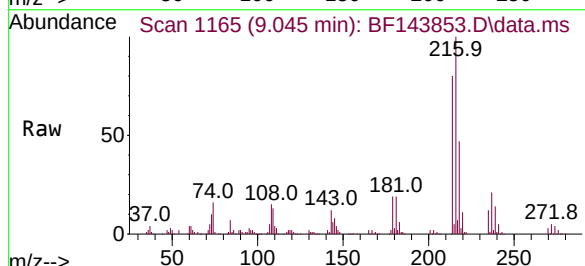
Delta R.T. -0.006 min

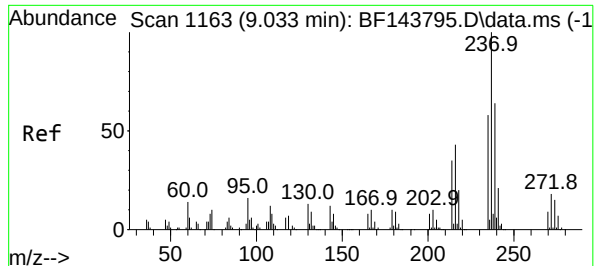
Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Tgt Ion:216 Resp: 272159

Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.7	95.5
179	19.2	16.5	24.7
108	15.5	14.9	22.3





#41

Hexachlorocyclopentadiene

Concen: 38.227 ng

RT: 9.033 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

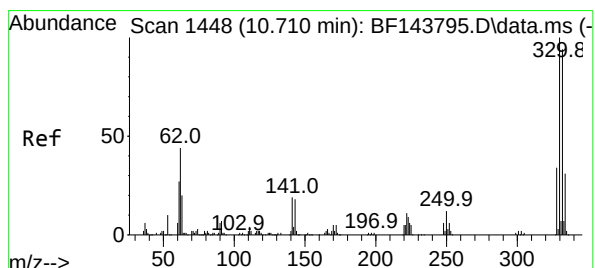
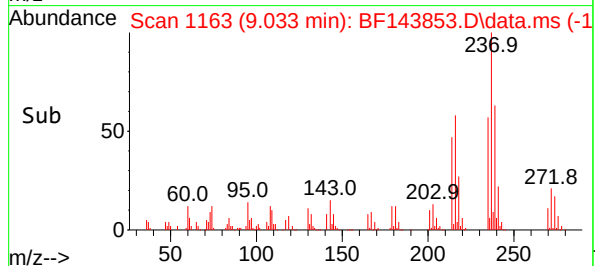
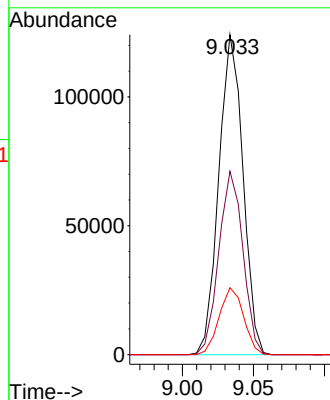
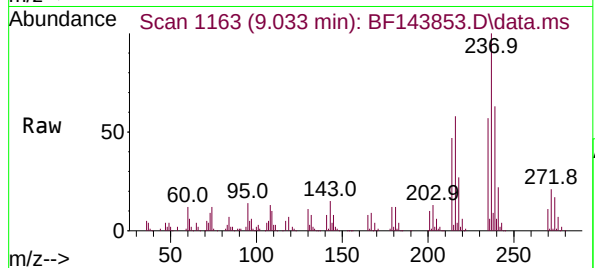
Tgt Ion:237 Resp: 147092

Ion Ratio Lower Upper

237 100

235 57.3 38.1 78.1

272 20.9 0.0 37.9



#42

2,4,6-Tribromophenol

Concen: 124.565 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

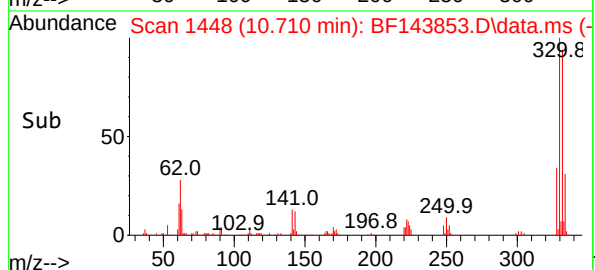
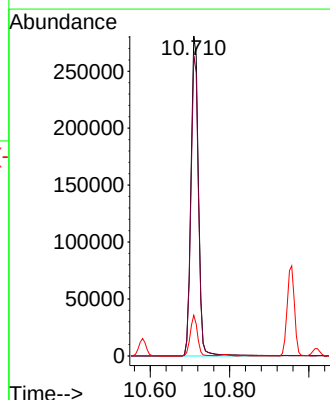
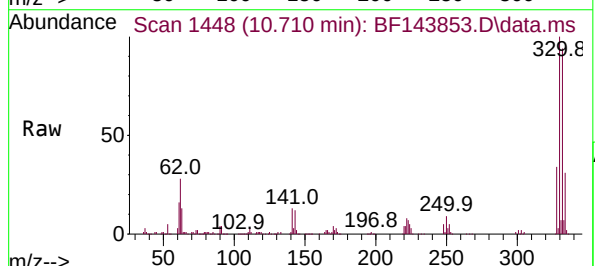
Tgt Ion:330 Resp: 371056

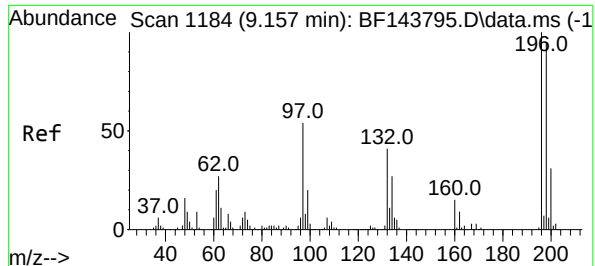
Ion Ratio Lower Upper

330 100

332 93.7 74.7 112.1

141 12.0 14.3 21.5#





#43

2,4,6-Trichlorophenol

Concen: 45.485 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

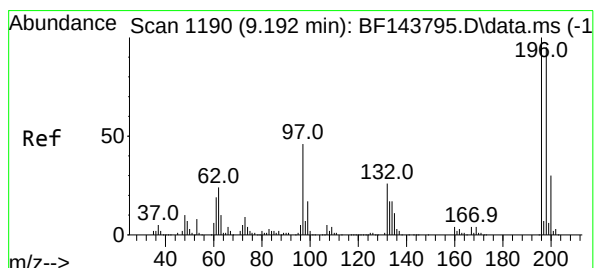
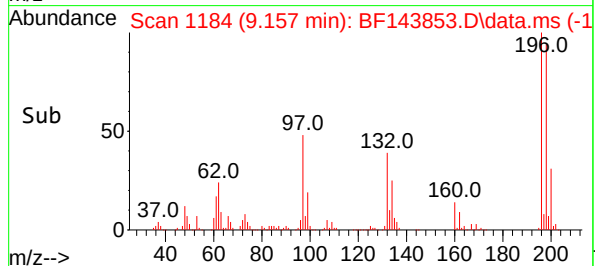
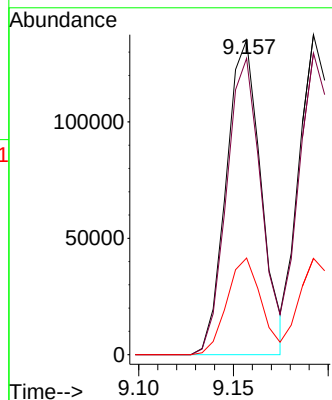
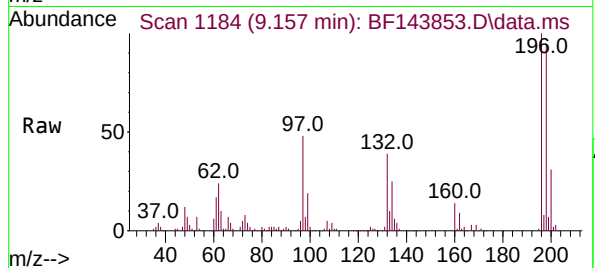
Tgt Ion:196 Resp: 172917

Ion Ratio Lower Upper

196 100

198 94.2 76.2 114.2

200 30.7 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 45.213 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Tgt Ion:196 Resp: 179786

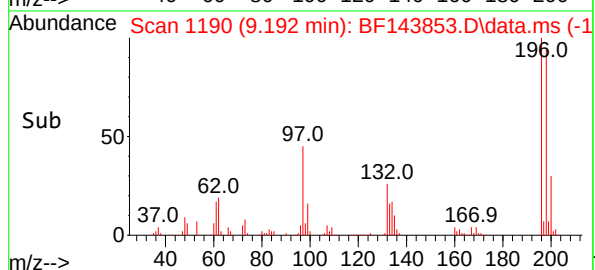
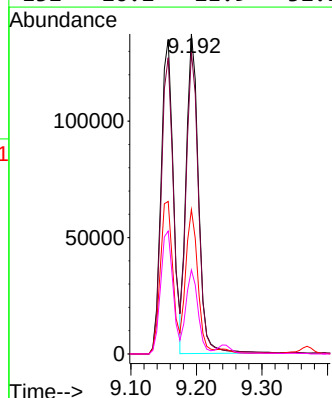
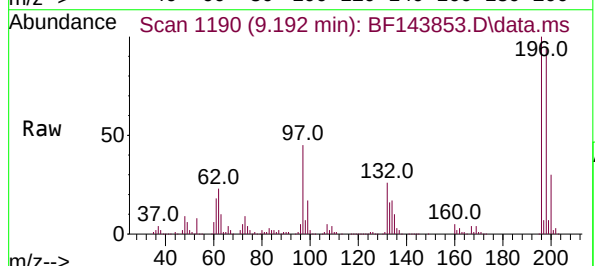
Ion Ratio Lower Upper

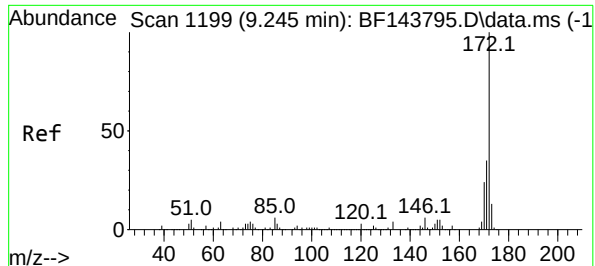
196 100

198 94.2 75.9 113.9

97 45.1 38.3 57.5

132 26.2 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 85.746 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

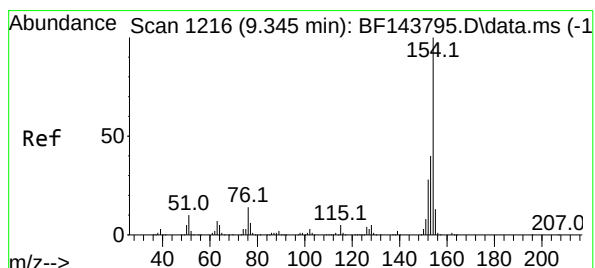
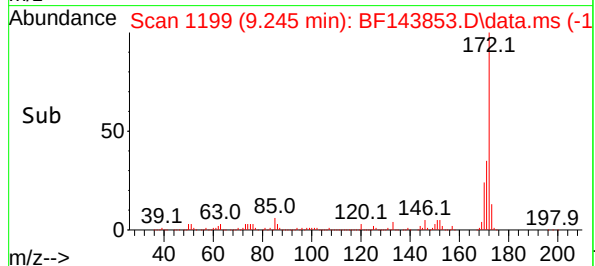
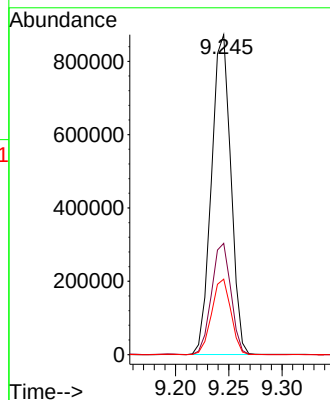
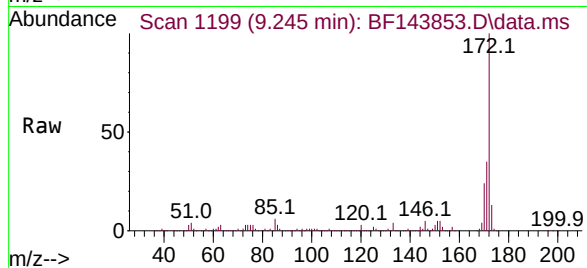
Tgt Ion:172 Resp: 1105448

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.369 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

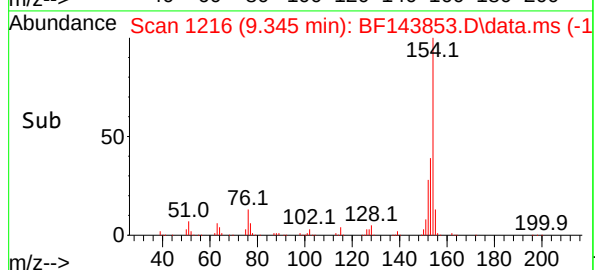
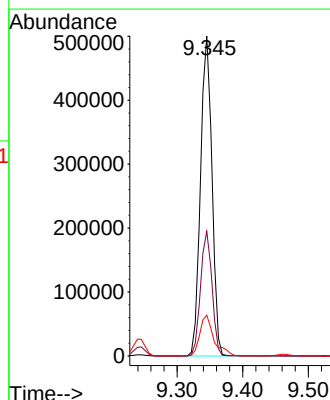
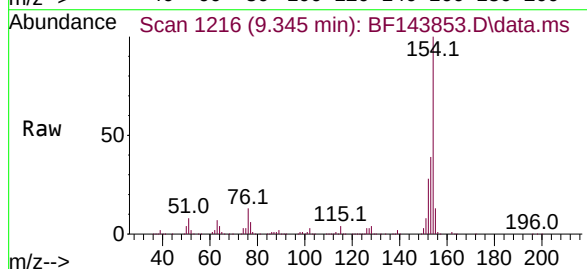
Tgt Ion:154 Resp: 602459

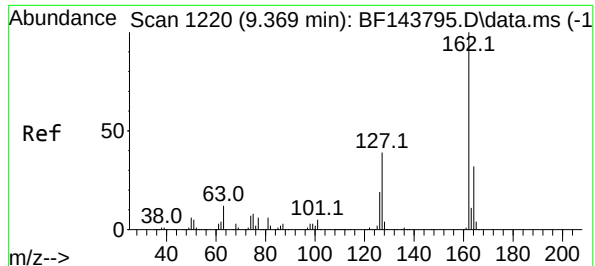
Ion Ratio Lower Upper

154 100

153 38.9 19.7 59.7

76 12.7 0.0 33.8





#47

2-Chloronaphthalene

Concen: 42.124 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

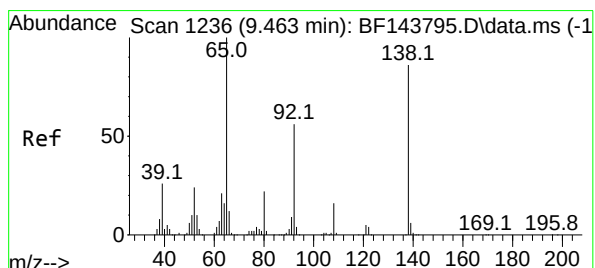
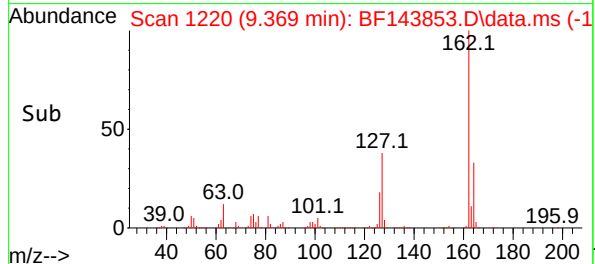
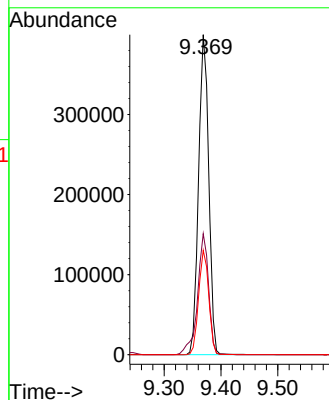
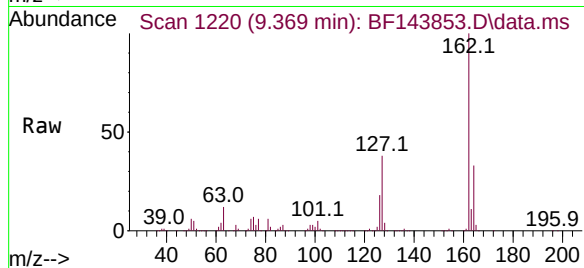
Tgt Ion:162 Resp: 493793

Ion Ratio Lower Upper

162 100

127 37.8 31.5 47.3

164 32.6 25.9 38.9



#48

2-Nitroaniline

Concen: 46.722 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

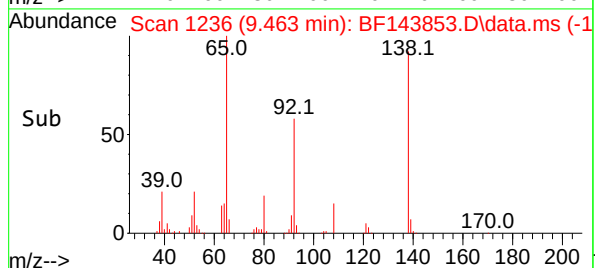
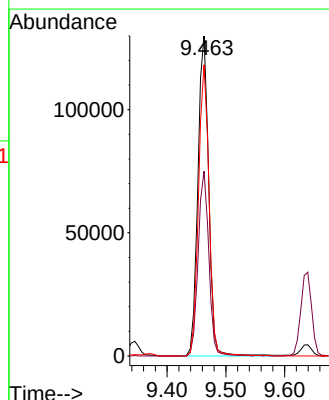
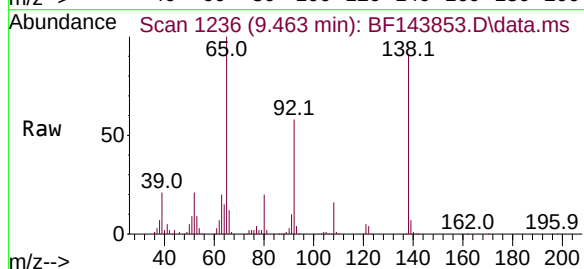
Tgt Ion: 65 Resp: 165535

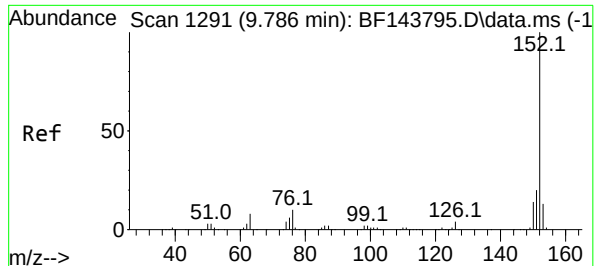
Ion Ratio Lower Upper

65 100

92 57.7 44.9 67.3

138 91.0 69.0 103.4





#49

Acenaphthylene

Concen: 41.770 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

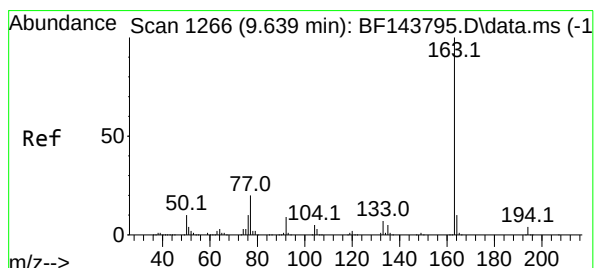
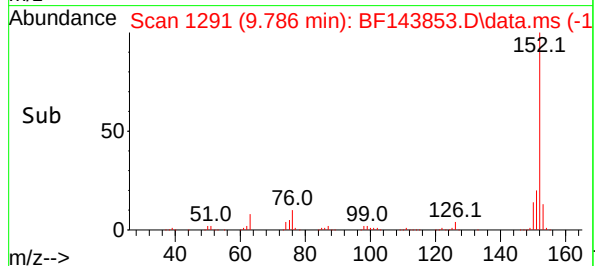
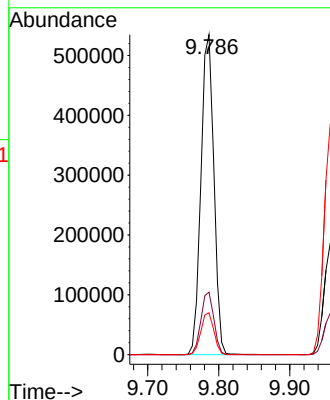
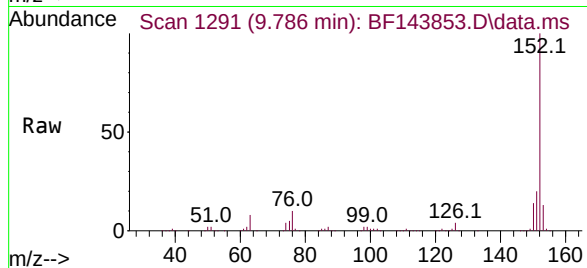
Tgt Ion:152 Resp: 674075

Ion Ratio Lower Upper

152 100

151 19.5 15.7 23.5

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 41.456 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

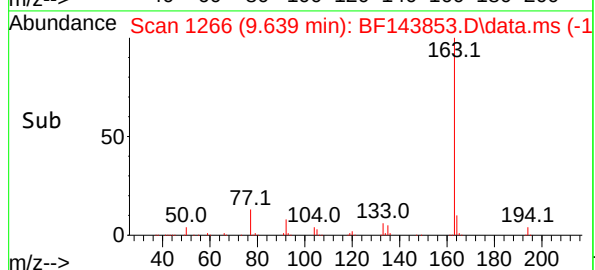
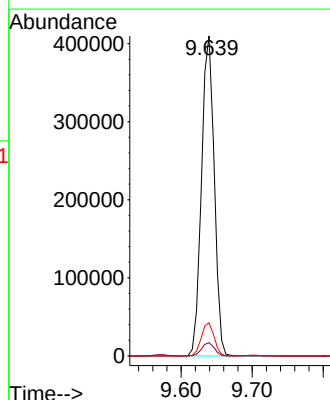
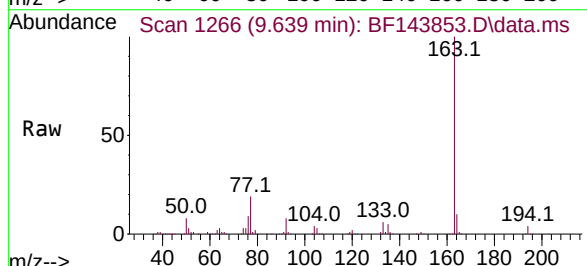
Tgt Ion:163 Resp: 508332

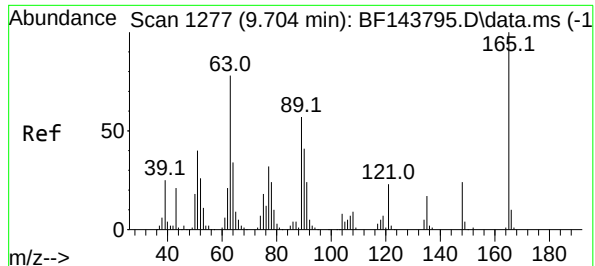
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 10.3 8.2 12.2

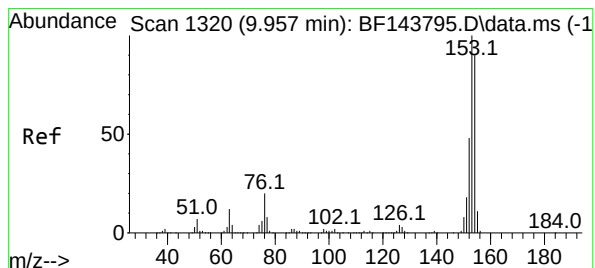
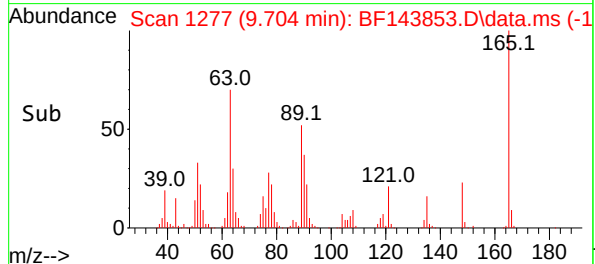
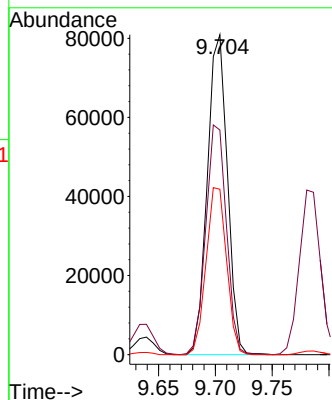
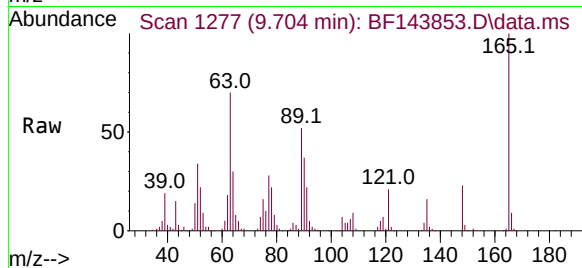




#51
2,6-Dinitrotoluene
Concen: 49.467 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

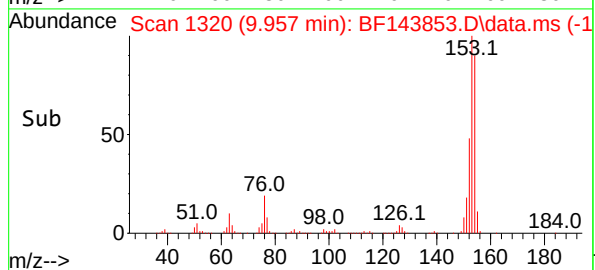
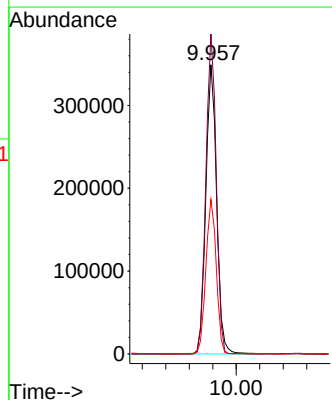
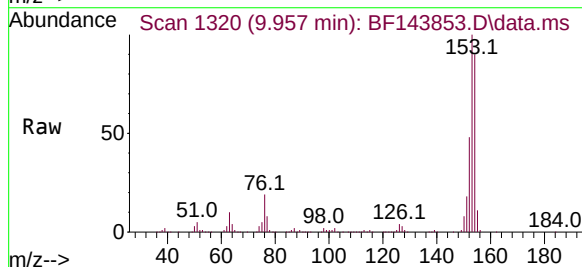
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

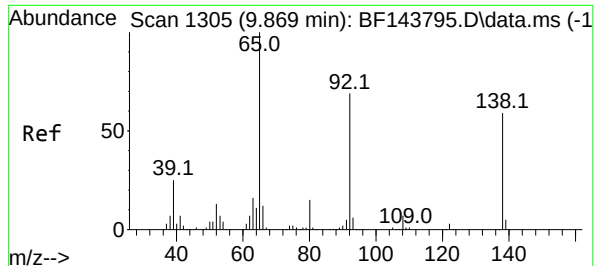
Tgt Ion:165 Resp: 99658
Ion Ratio Lower Upper
165 100
63 70.2 62.6 94.0
89 51.7 45.2 67.8



#52
Acenaphthene
Concen: 41.932 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:154 Resp: 445306
Ion Ratio Lower Upper
154 100
153 110.6 88.7 133.1
152 53.4 42.7 64.1





#53

3-Nitroaniline

Concen: 47.791 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

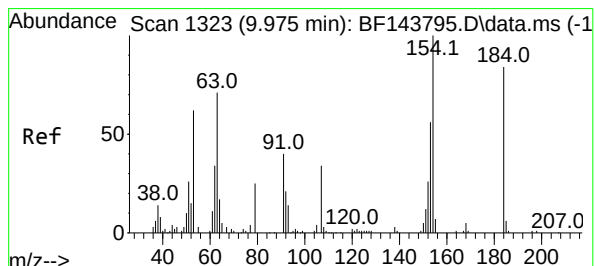
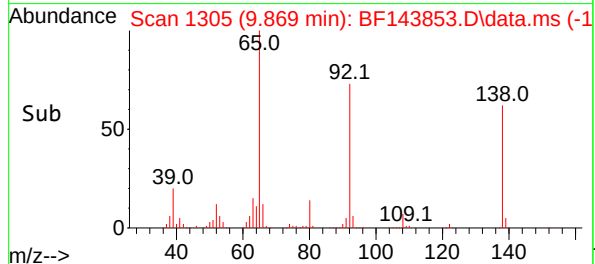
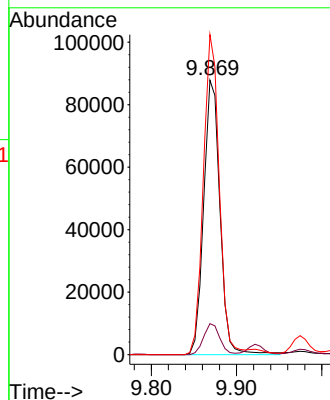
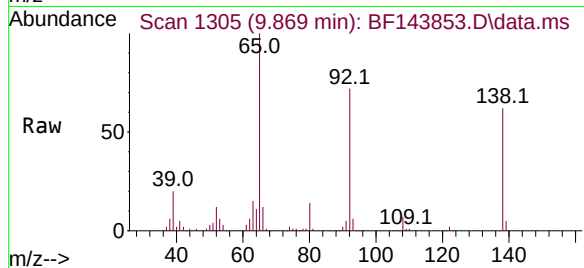
Tgt Ion:138 Resp: 116705

Ion Ratio Lower Upper

138 100

108 11.3 9.9 14.9

92 116.7 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 49.285 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

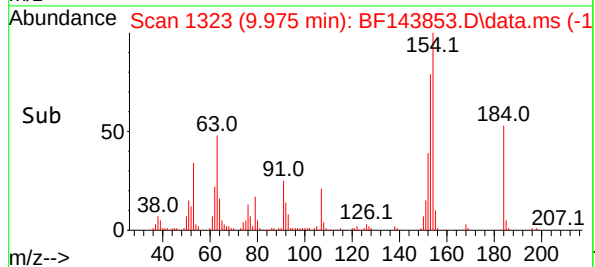
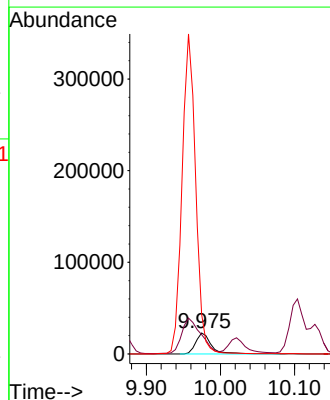
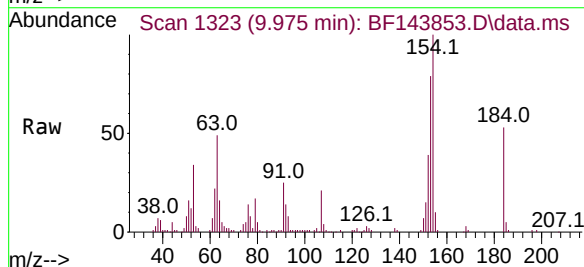
Tgt Ion:184 Resp: 32799

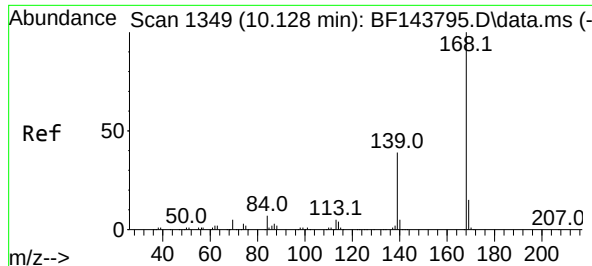
Ion Ratio Lower Upper

184 100

63 92.6 84.6 127.0

154 189.2 199.3 298.9#





#55

Dibenzofuran

Concen: 41.928 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

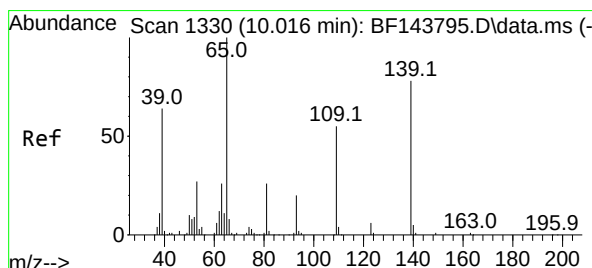
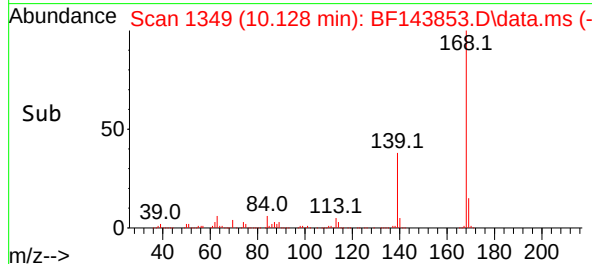
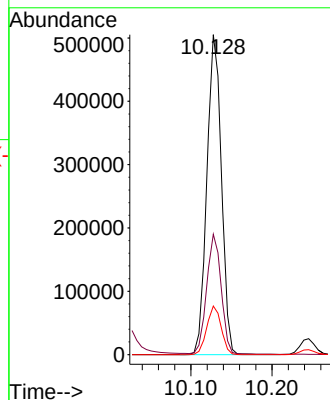
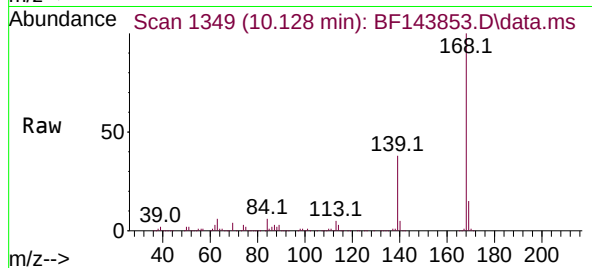
Tgt Ion:168 Resp: 629639

Ion Ratio Lower Upper

168 100

139 37.7 31.0 46.6

169 15.2 11.9 17.9



#56

4-Nitrophenol

Concen: 39.116 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

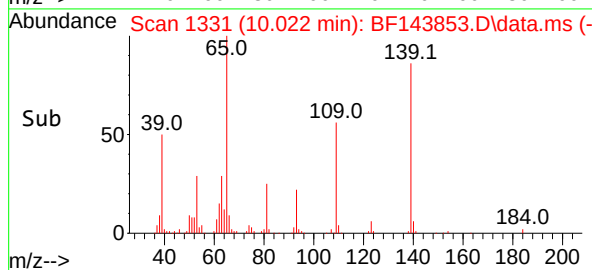
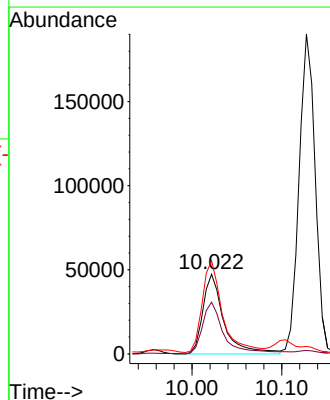
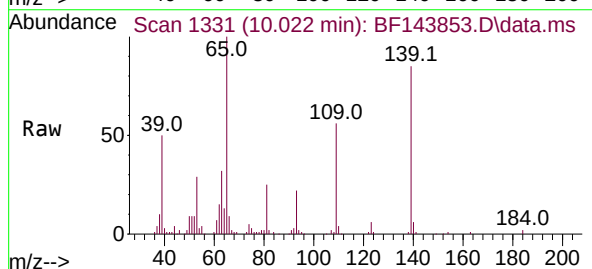
Tgt Ion:139 Resp: 76975

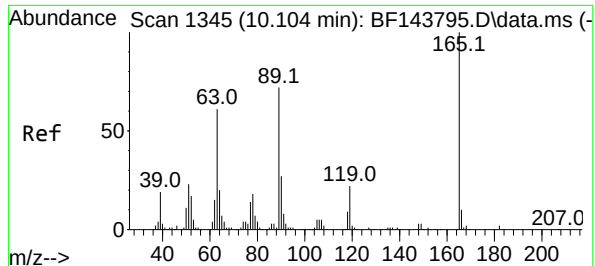
Ion Ratio Lower Upper

139 100

109 65.1 50.2 90.2

65 117.2 109.2 149.2

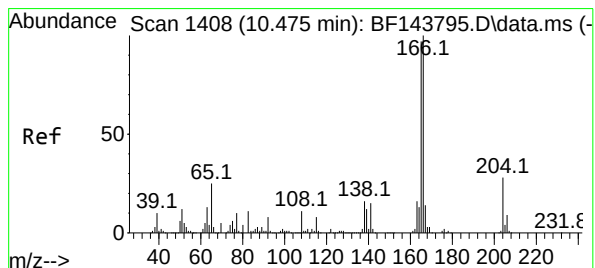
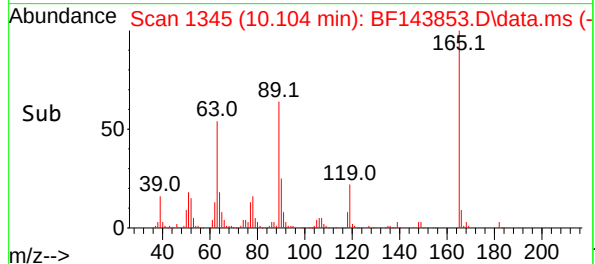
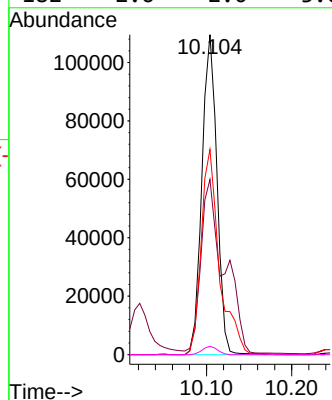
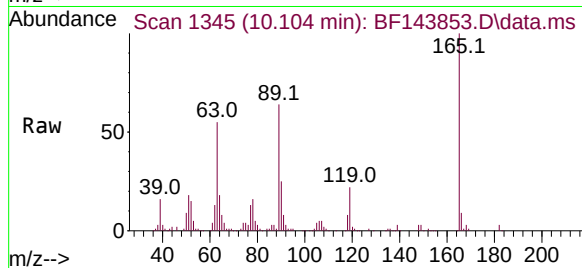




#57
2,4-Dinitrotoluene
Concen: 45.000 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

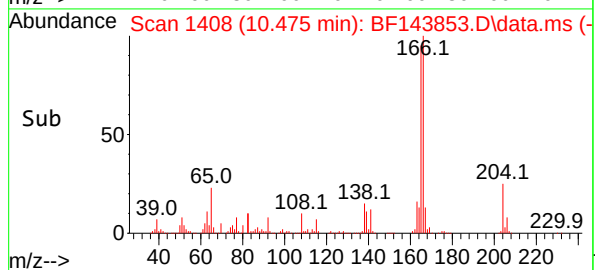
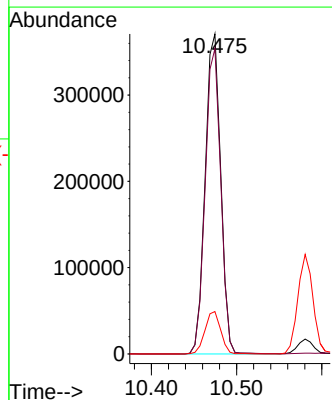
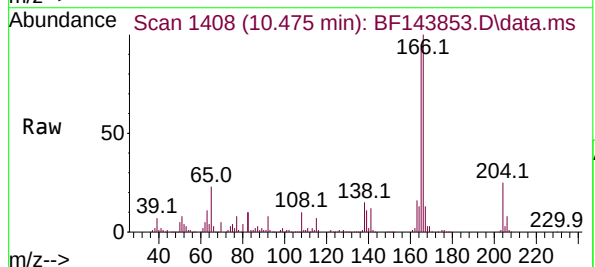
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

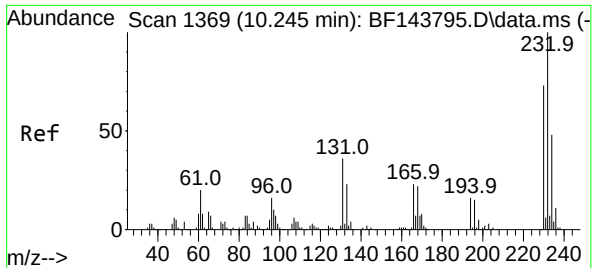
Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.7	48.9	73.3
89	64.1	57.5	86.3
182	2.6	2.0	3.0



#58
Fluorene
Concen: 42.010 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	78.0	117.0
167	13.2	10.9	16.3

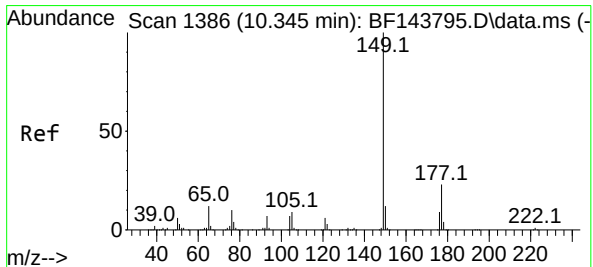
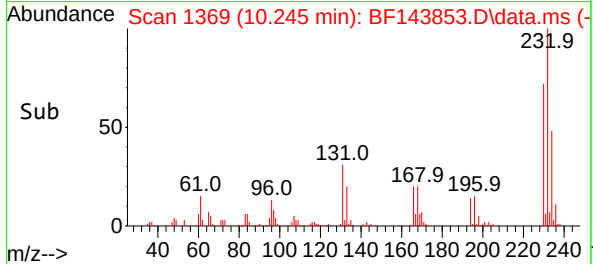
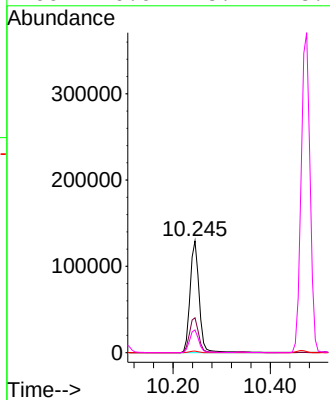
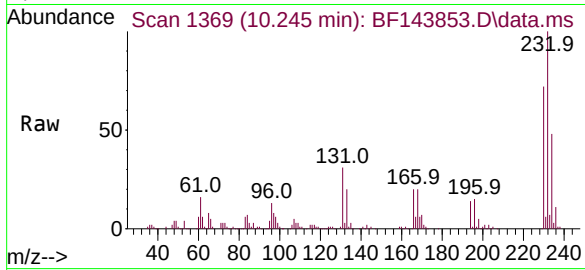




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.261 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

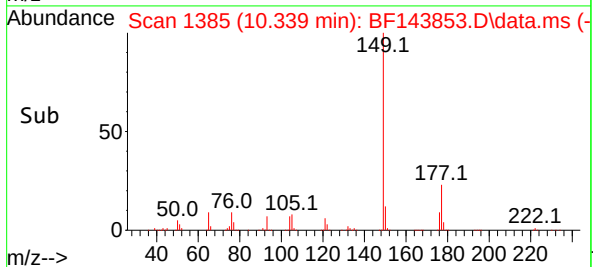
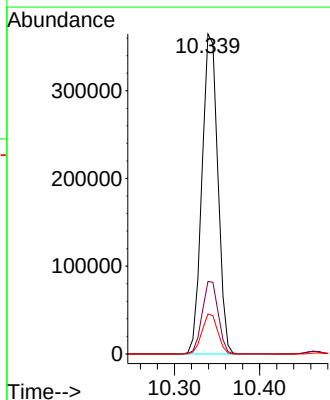
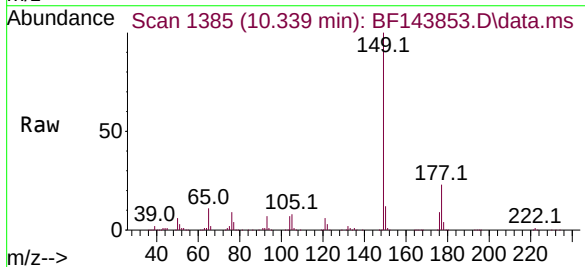
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

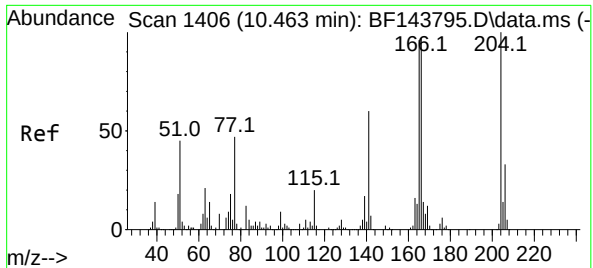
Tgt Ion:232 Resp: 167807
Ion Ratio Lower Upper
232 100
131 31.7 29.4 44.2
130 1.3 1.3 1.9#
166 20.6 18.7 28.1



#60
Diethylphthalate
Concen: 41.063 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:149 Resp: 471338
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.5 9.7 14.5

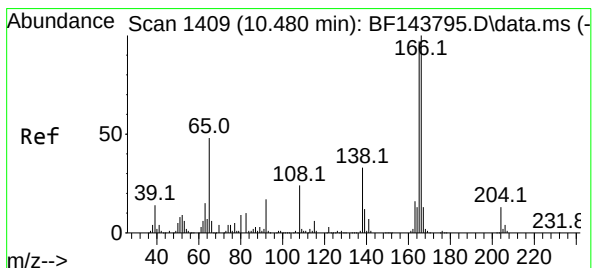
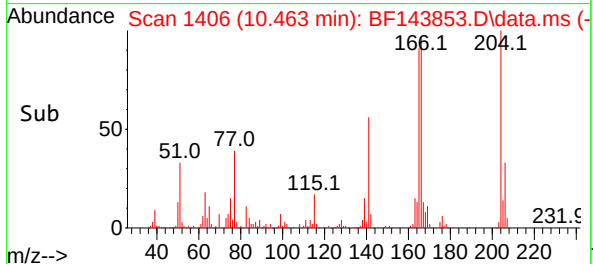
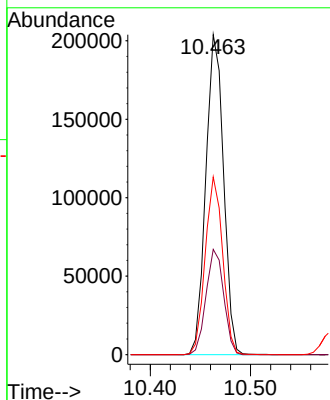
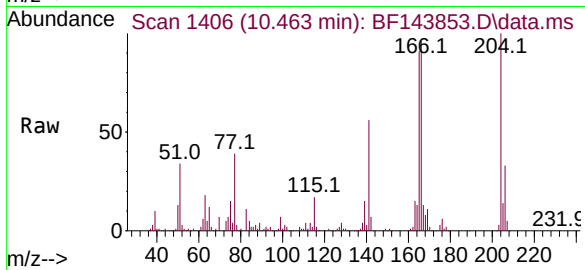




#61
4-Chlorophenyl-phenylether
Concen: 43.849 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

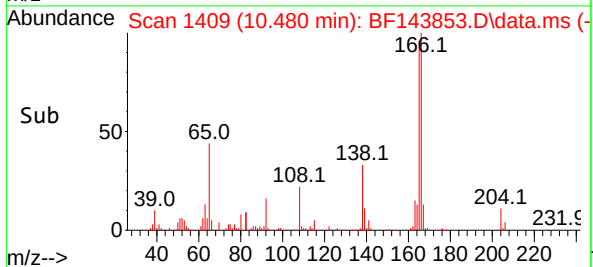
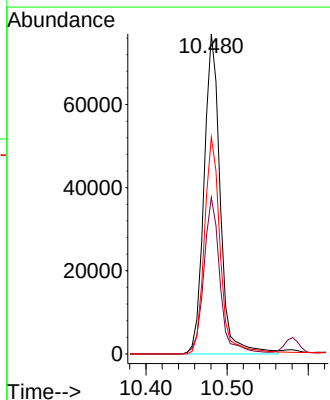
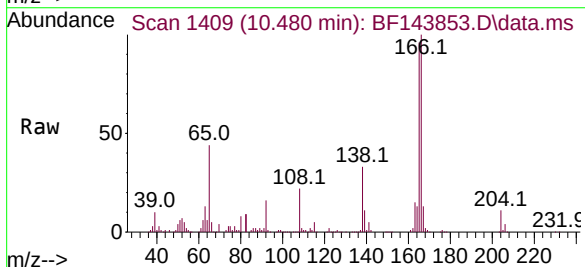
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

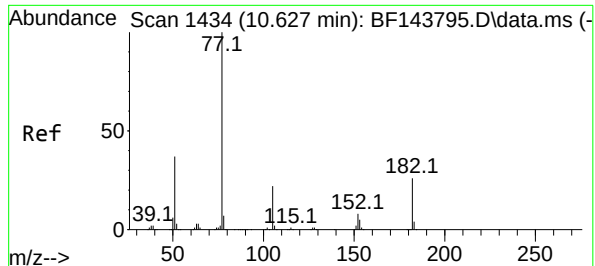
Tgt Ion:204 Resp: 249432
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 55.5 48.2 72.2



#62
4-Nitroaniline
Concen: 46.577 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:138 Resp: 106947
Ion Ratio Lower Upper
138 100
92 48.9 31.5 71.5
108 67.7 51.9 91.9

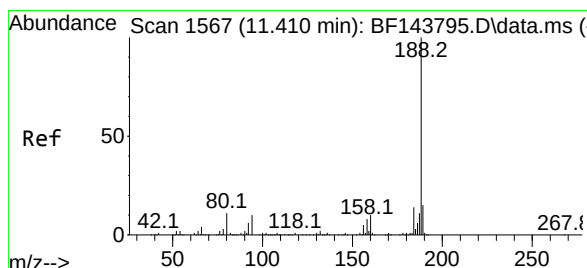
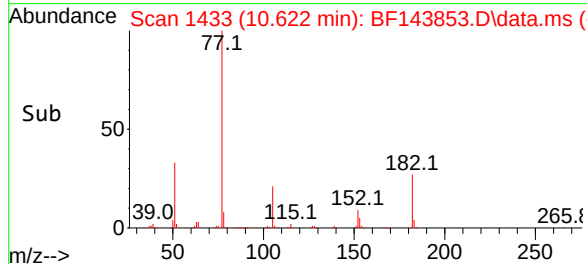
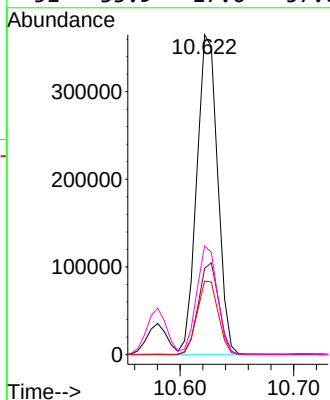
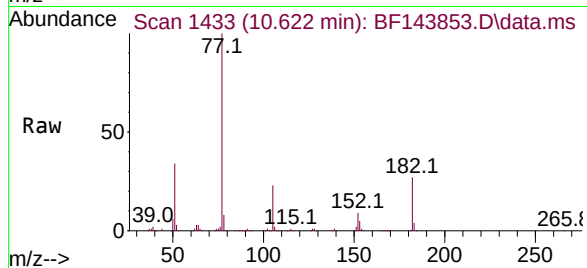




#63
Azobenzene
Concen: 38.468 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

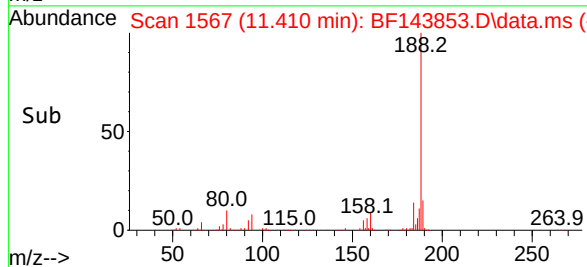
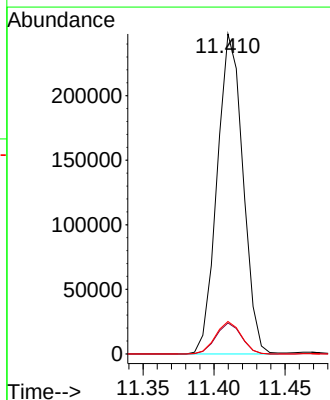
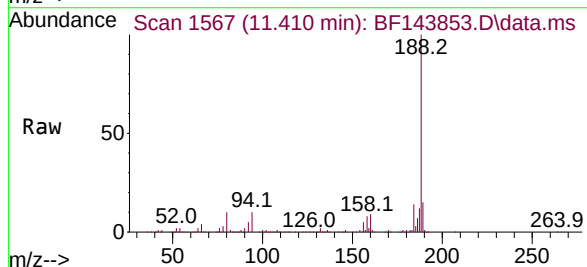
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

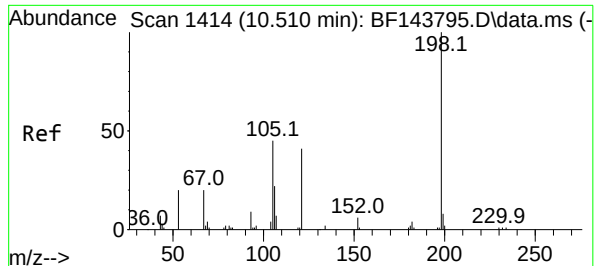
Tgt Ion: 77 Resp: 465351
Ion Ratio Lower Upper
77 100
182 26.9 5.9 45.9
105 23.0 2.3 42.3
51 33.9 17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion: 188 Resp: 313026
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.1 8.6 12.8

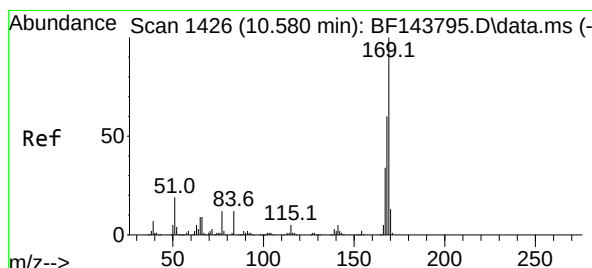
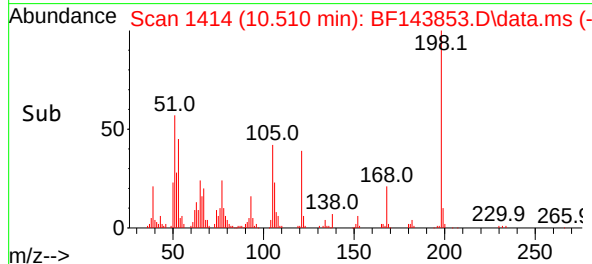
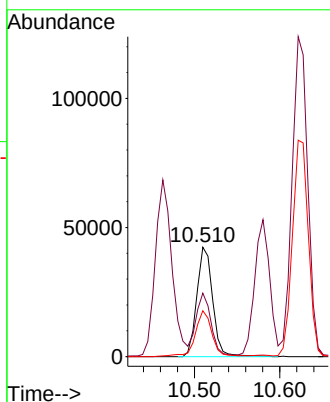
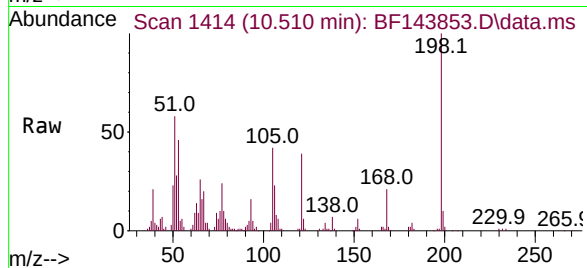




#65
4,6-Dinitro-2-methylphenol
Concen: 47.767 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

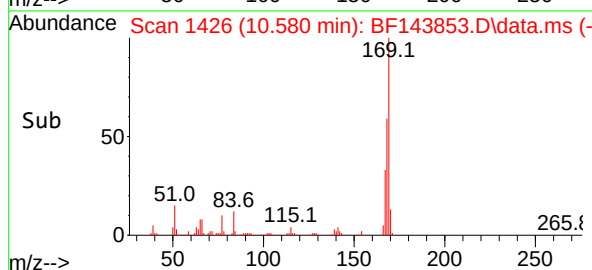
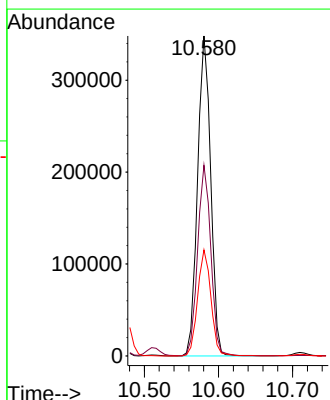
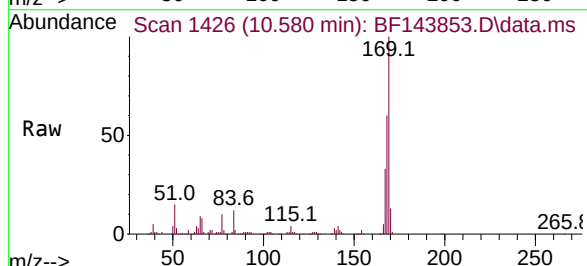
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

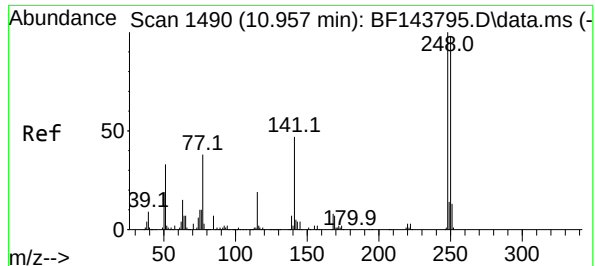
Tgt Ion	Ratio	Lower	Upper
198	100		
51	58.1	52.0	92.0
105	41.9	27.5	67.5



#66
n-Nitrosodiphenylamine
Concen: 41.546 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	59.6	47.9	71.9
167	33.1	27.0	40.6

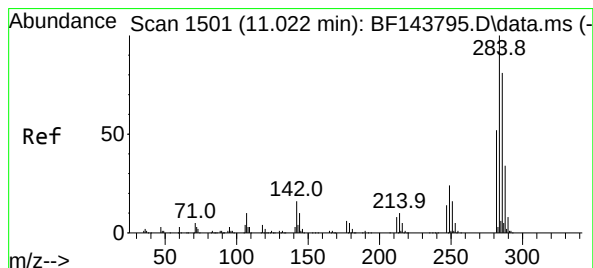
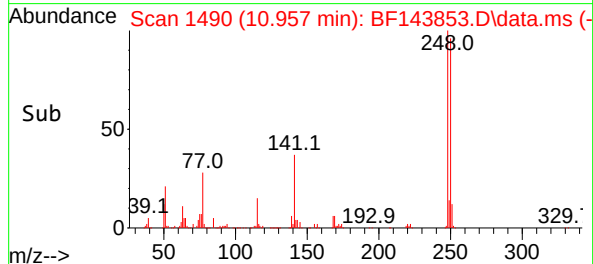
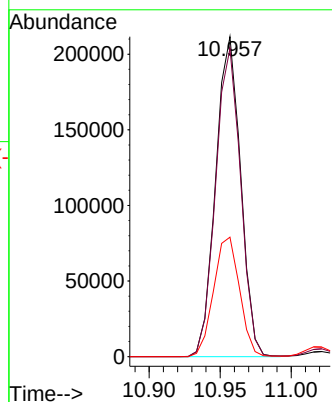
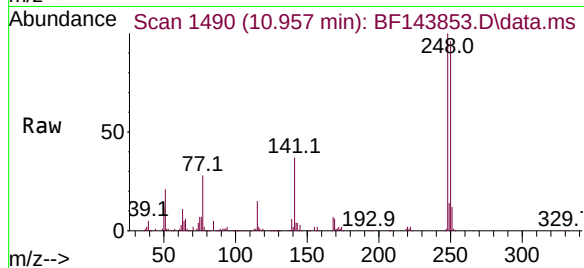




#67
4-Bromophenyl-phenylether
Concen: 48.490 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

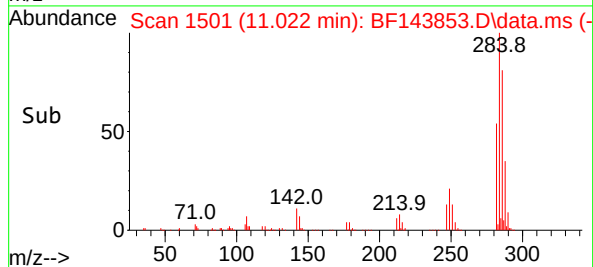
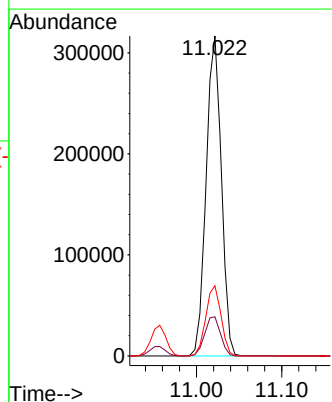
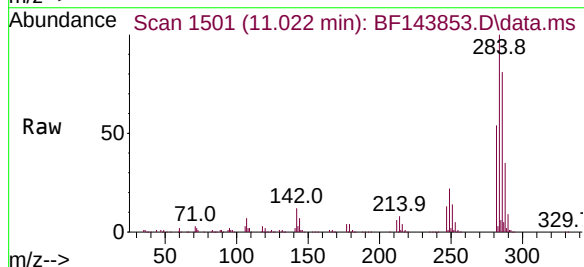
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

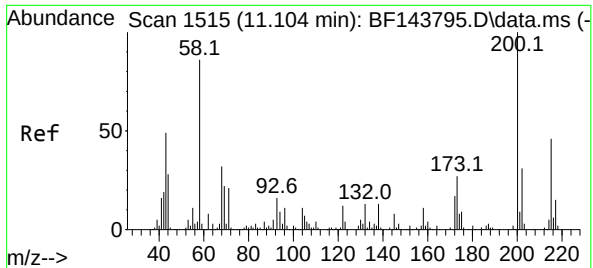
Tgt Ion:248 Resp: 258672
Ion Ratio Lower Upper
248 100
250 96.3 78.7 118.1
141 37.3 37.9 56.9#



#68
Hexachlorobenzene
Concen: 53.330 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:284 Resp: 392052
Ion Ratio Lower Upper
284 100
142 12.2 13.1 19.7#
249 22.0 19.5 29.3





#69

Atrazine

Concen: 41.562 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

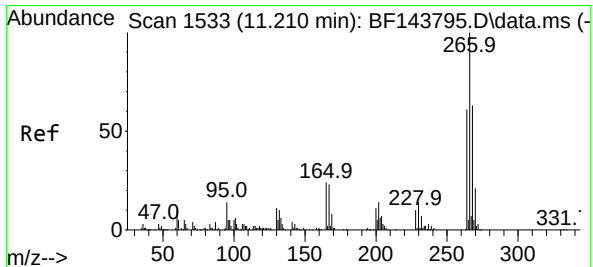
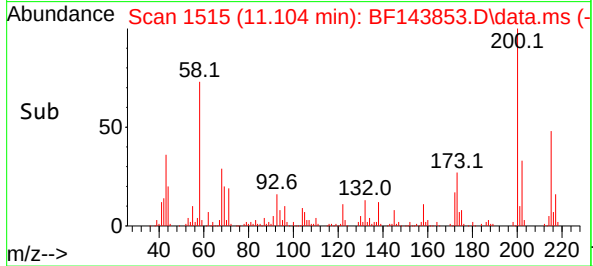
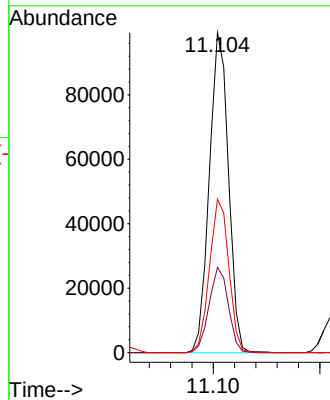
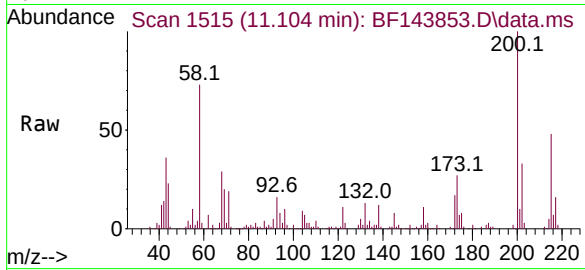
Tgt Ion:200 Resp: 123899

Ion Ratio Lower Upper

200 100

173 26.6 7.2 47.2

215 47.9 26.0 66.0



#70

Pentachlorophenol

Concen: 50.620 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

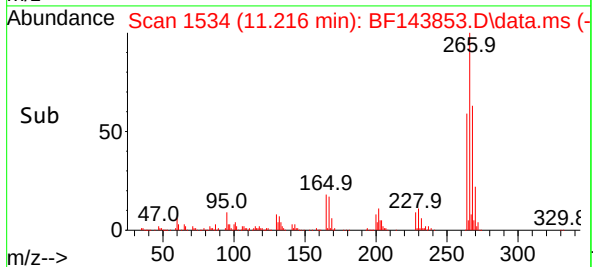
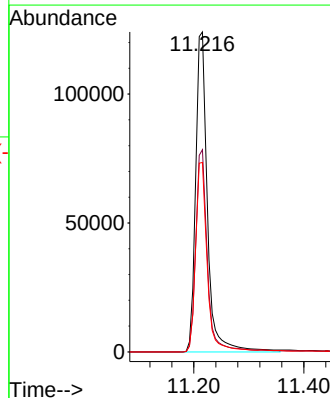
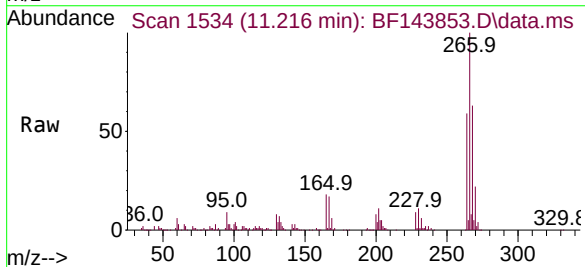
Tgt Ion:266 Resp: 185236

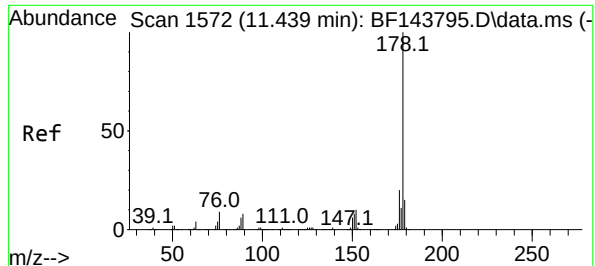
Ion Ratio Lower Upper

266 100

268 63.2 50.5 75.7

264 59.2 48.8 73.2





#71

Phenanthrene

Concen: 41.676 ng

RT: 11.433 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

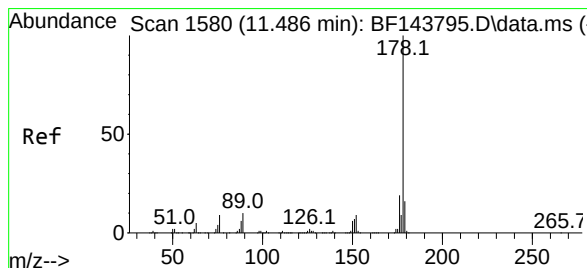
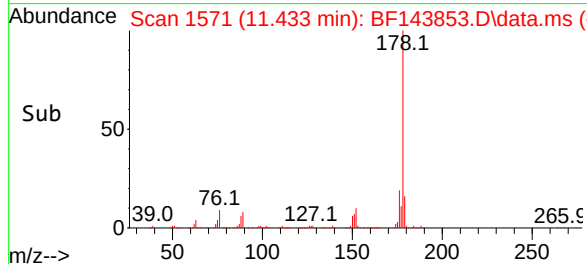
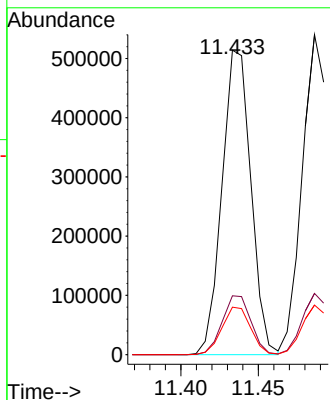
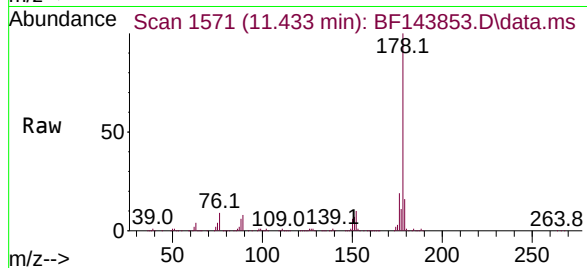
Tgt Ion:178 Resp: 669759

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.6 12.2 18.4



#72

Anthracene

Concen: 41.585 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

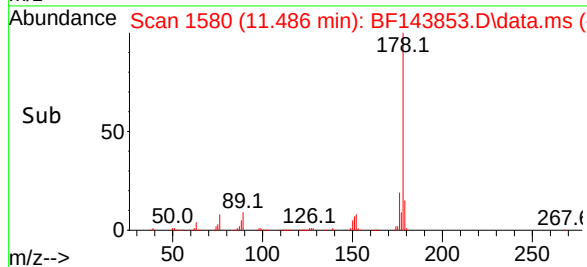
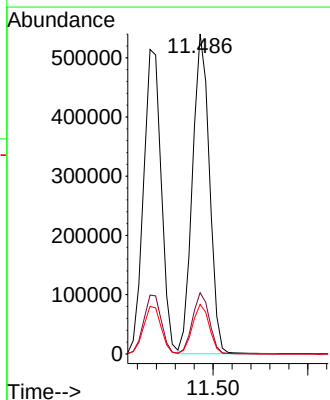
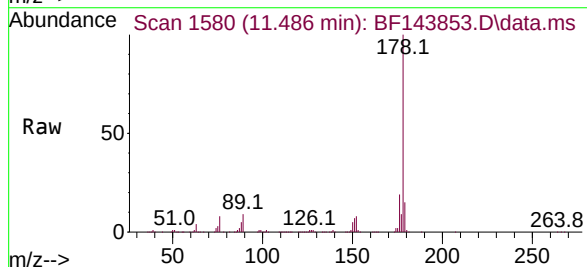
Tgt Ion:178 Resp: 670358

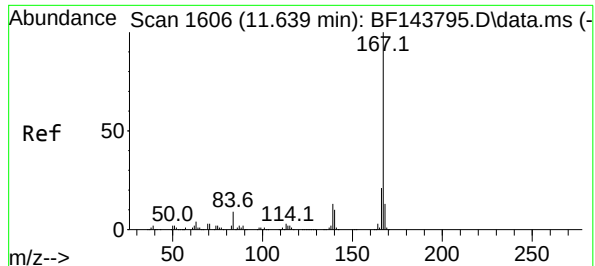
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.5 12.8 19.2

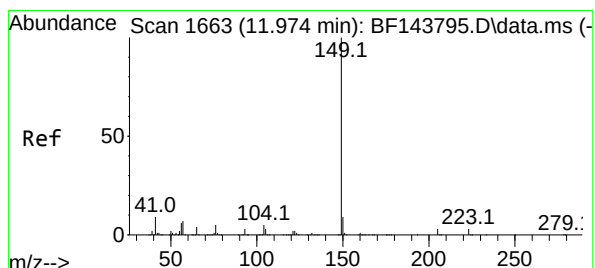
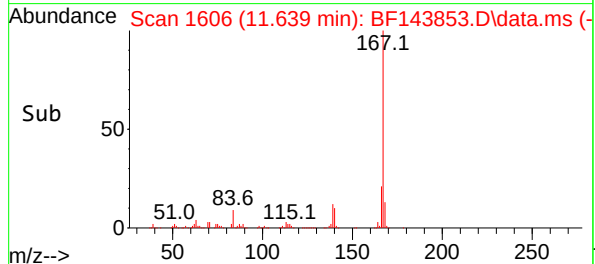
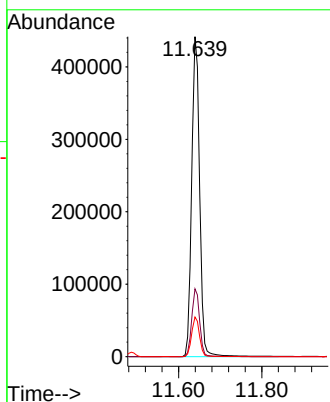
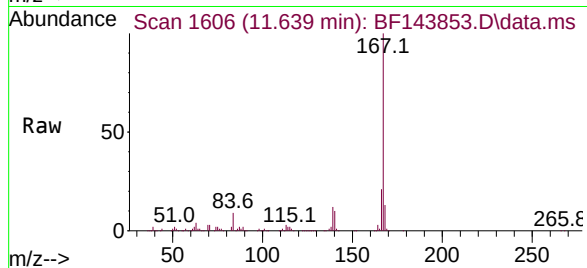




#73
Carbazole
Concen: 41.423 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

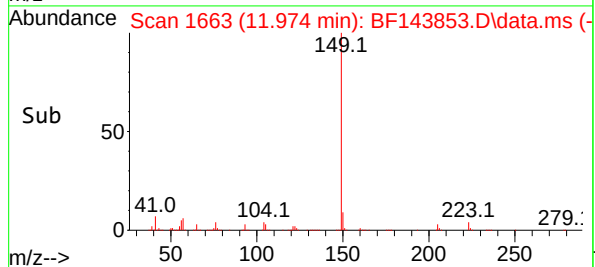
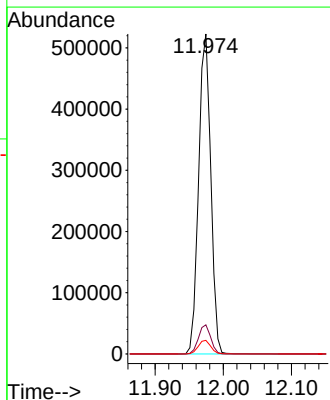
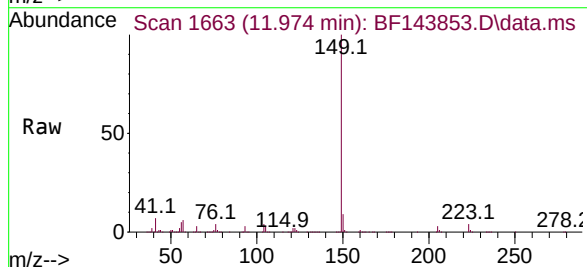
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

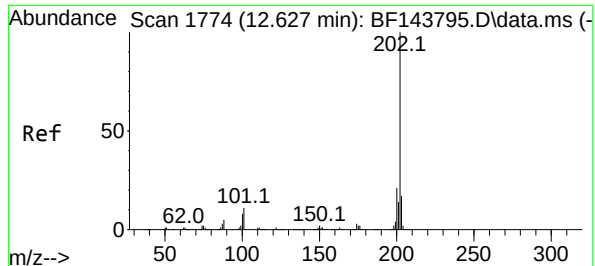
Tgt Ion:167 Resp: 583820
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.4 10.6 15.8



#74
Di-n-butylphthalate
Concen: 39.884 ng
RT: 11.974 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:149 Resp: 646496
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 42.691 ng

RT: 12.627 min Scan# 1774

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

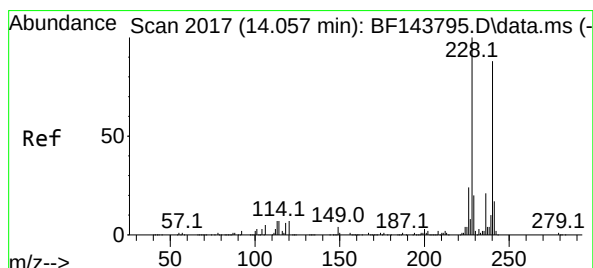
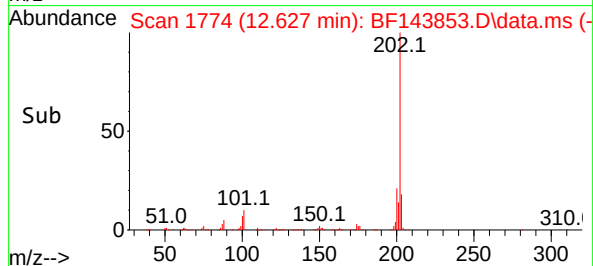
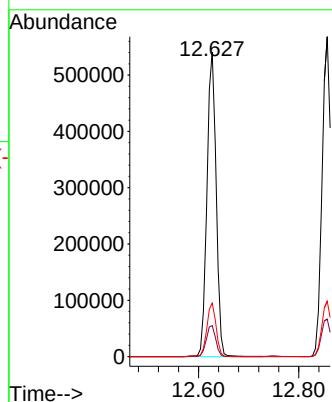
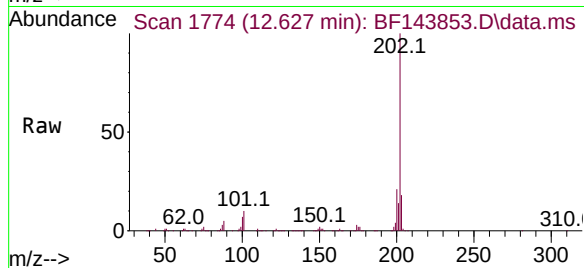
Tgt Ion:202 Resp: 690042

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.1

203 17.6 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

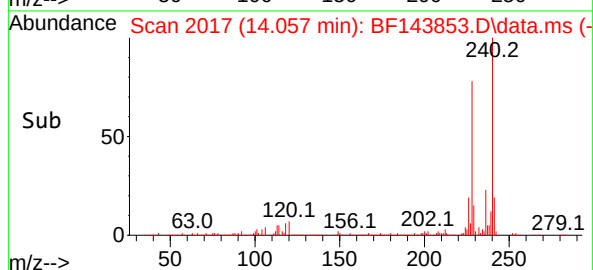
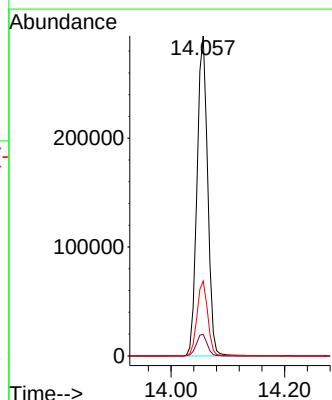
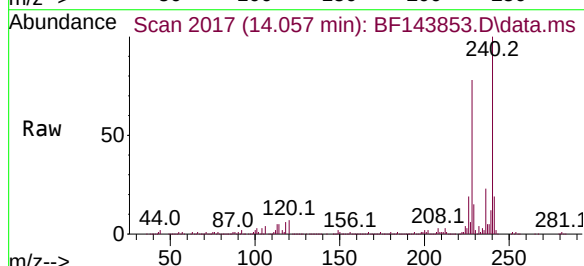
Tgt Ion:240 Resp: 379221

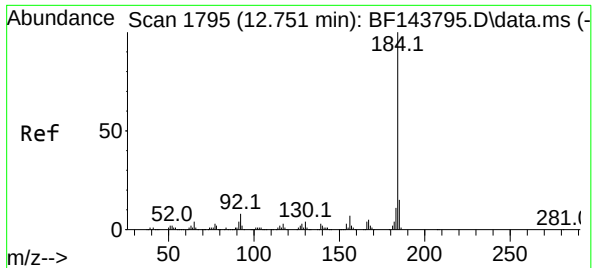
Ion Ratio Lower Upper

240 100

120 6.7 6.2 9.4

236 23.4 19.4 29.2





#77

Benzidine

Concen: 35.994 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

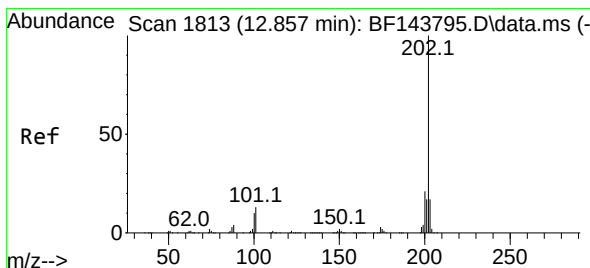
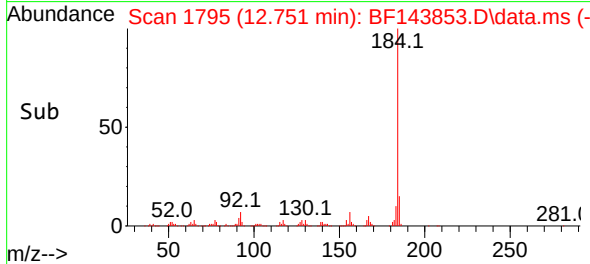
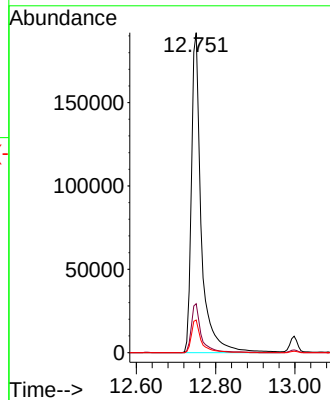
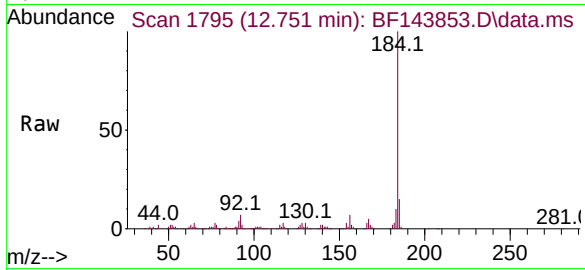
Tgt Ion:184 Resp: 332612

Ion Ratio Lower Upper

184 100

185 15.3 11.6 17.4

183 10.2 8.6 13.0



#78

Pyrene

Concen: 38.669 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

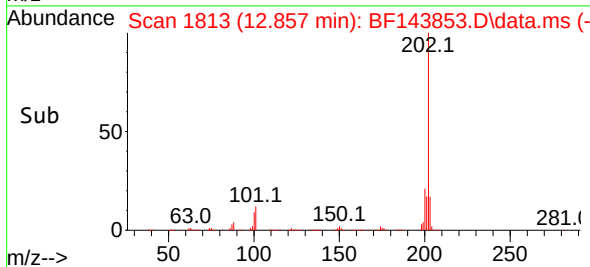
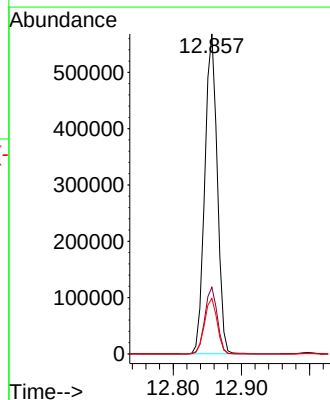
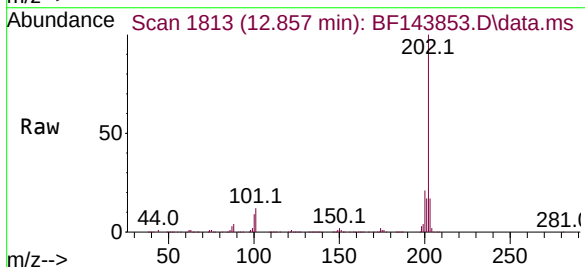
Tgt Ion:202 Resp: 720958

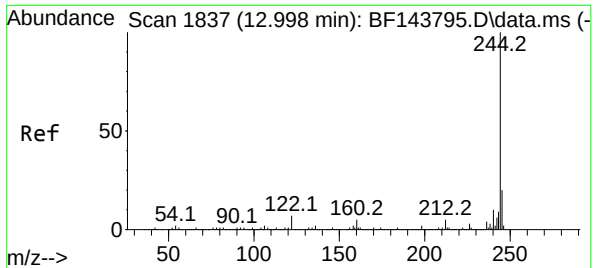
Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.4

203 17.3 13.9 20.9

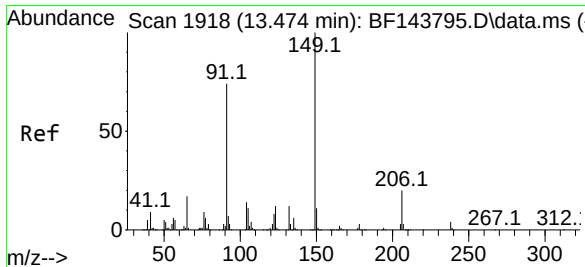
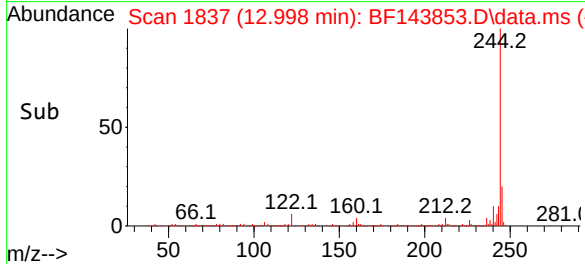
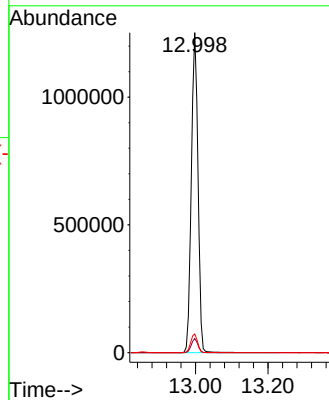
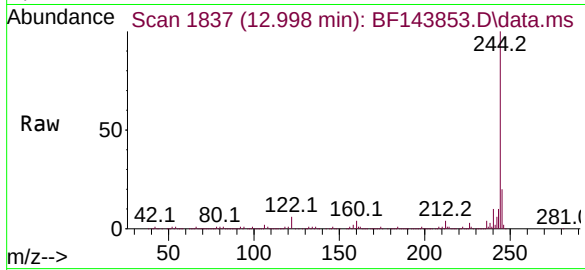




#79
 Terphenyl-d14
 Concen: 85.293 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF143853.D
 Acq: 02 Oct 2025 13:36

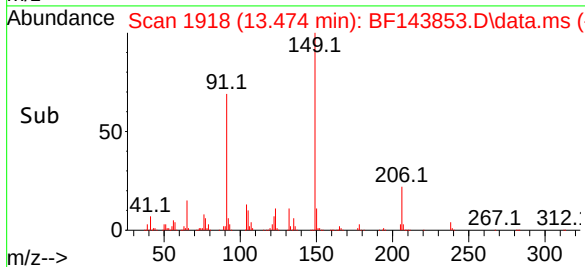
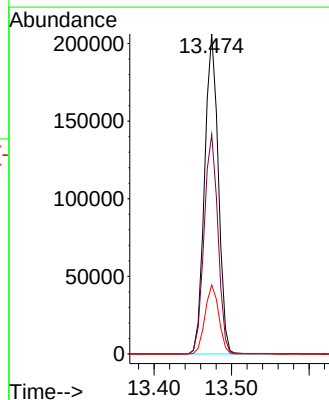
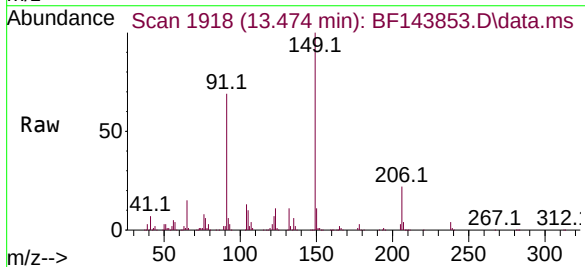
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

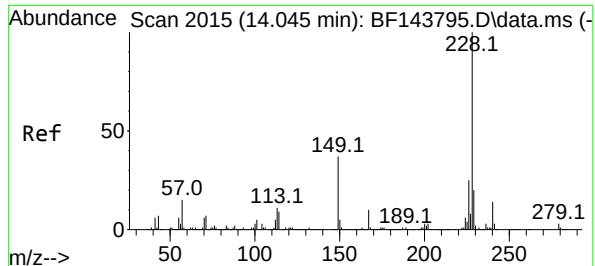
Tgt Ion:244 Resp: 1590416
 Ion Ratio Lower Upper
 244 100
 212 4.4 3.9 5.9
 122 5.9 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 39.200 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF143853.D
 Acq: 02 Oct 2025 13:36

Tgt Ion:149 Resp: 252851
 Ion Ratio Lower Upper
 149 100
 91 68.6 59.5 89.3
 206 21.6 16.1 24.1

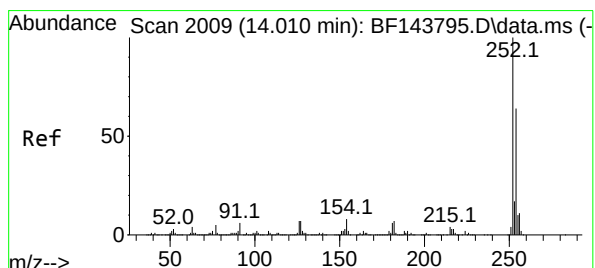
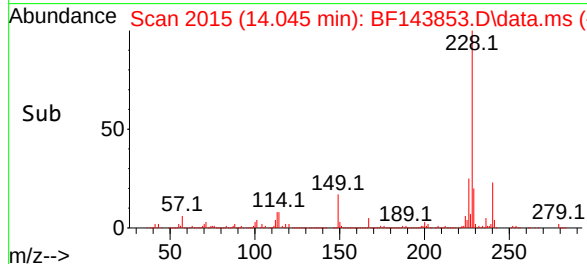
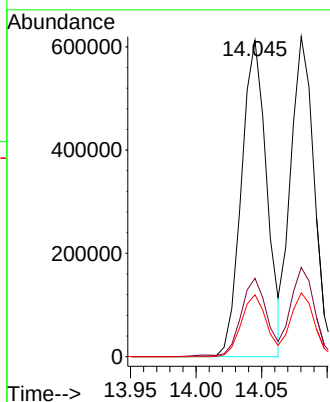
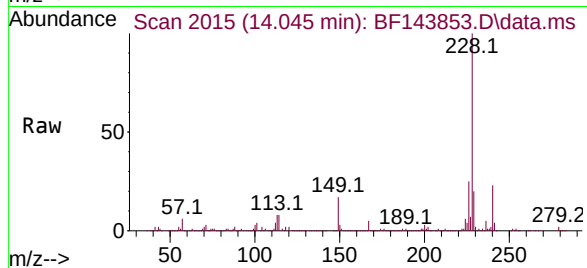




#81
Benzo(a)anthracene
Concen: 40.400 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

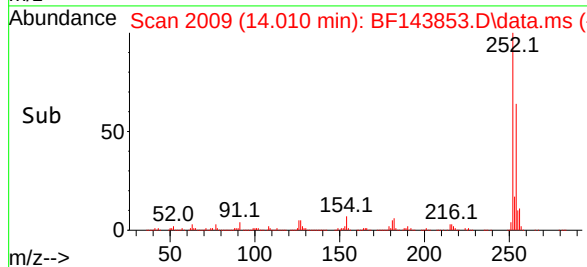
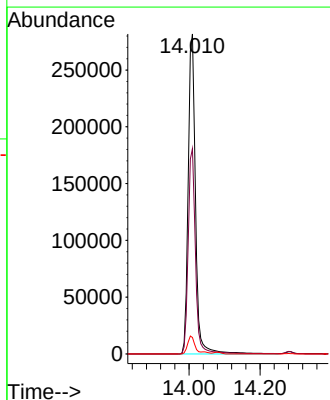
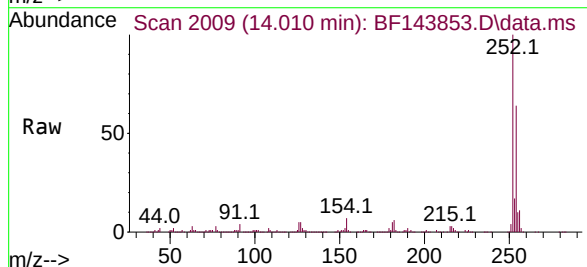
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

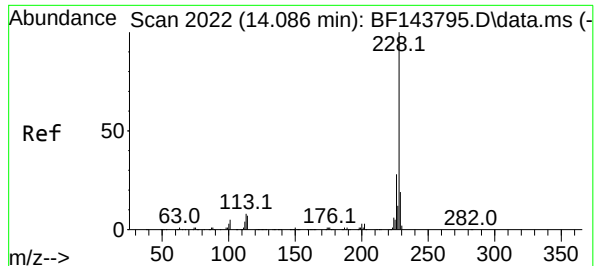
Tgt Ion:228 Resp: 823048
Ion Ratio Lower Upper
228 100
226 24.8 20.2 30.2
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 45.747 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:252 Resp: 403752
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 5.1 5.4 8.2#





#83

Chrysene

Concen: 42.180 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

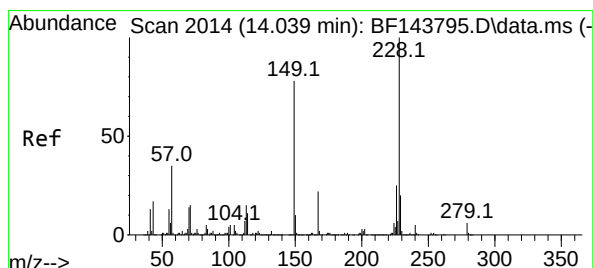
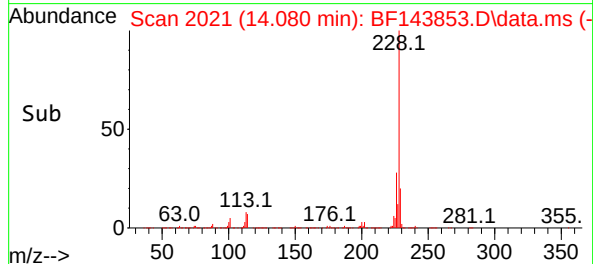
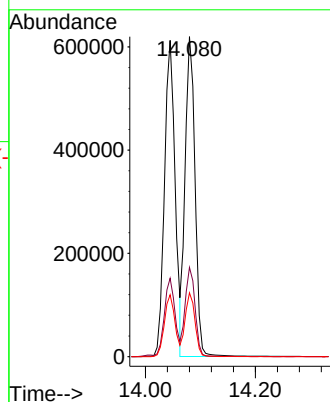
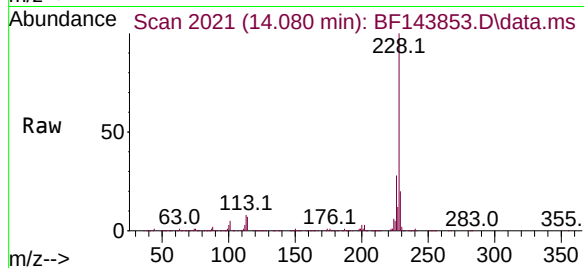
Tgt Ion:228 Resp: 777552

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.185 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

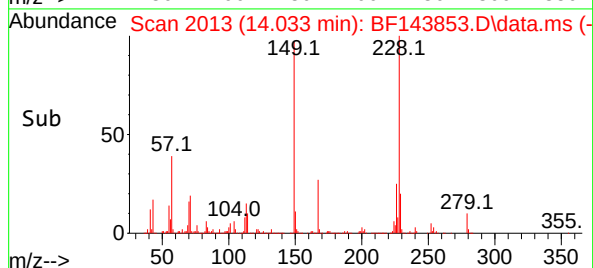
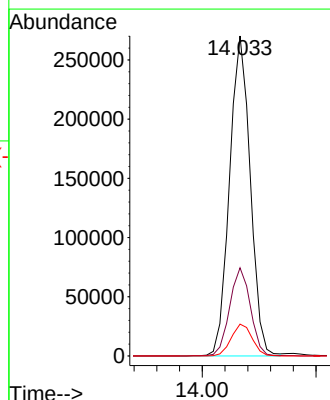
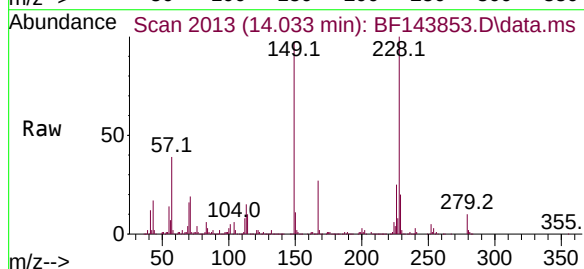
Tgt Ion:149 Resp: 342119

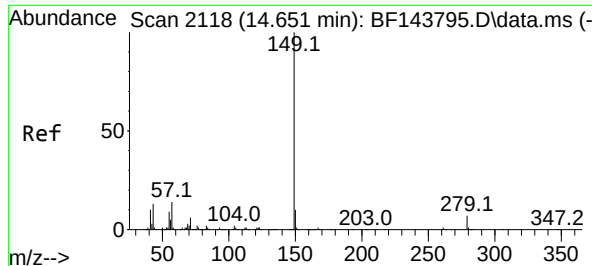
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

279 9.9 6.0 9.0#





#85

Di-n-octyl phthalate

Concen: 37.203 ng

RT: 14.651 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

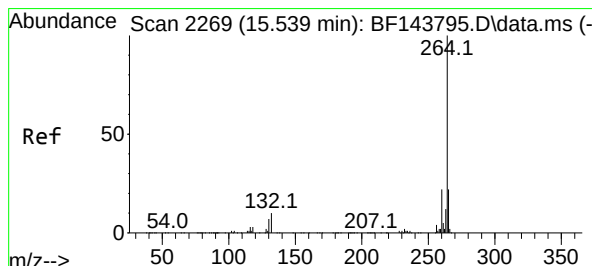
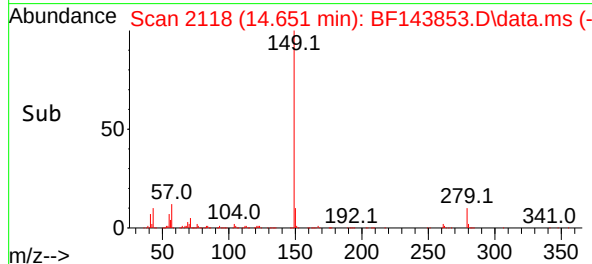
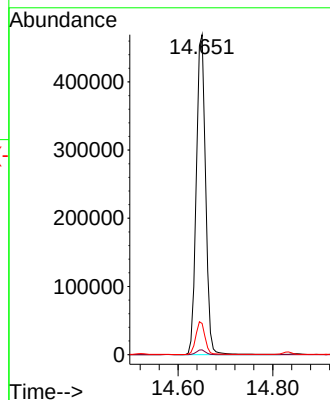
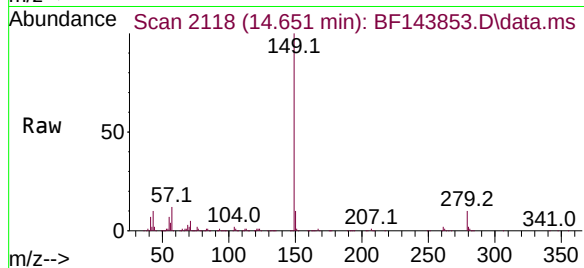
Tgt Ion:149 Resp: 638051

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 10.3 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

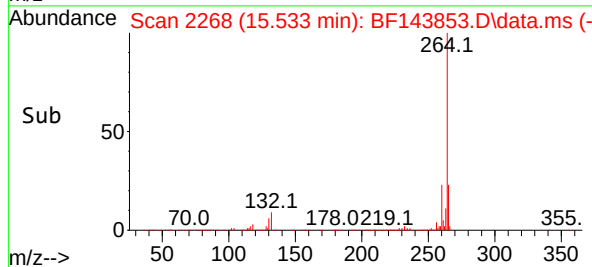
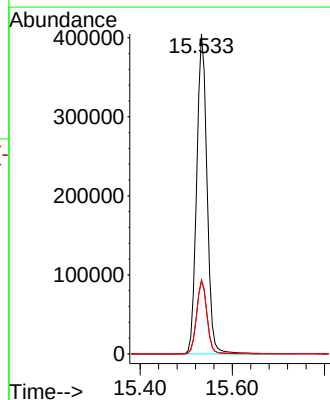
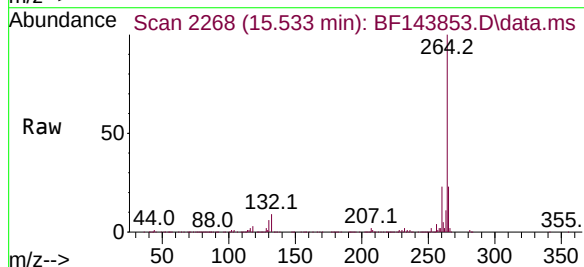
Tgt Ion:264 Resp: 631257

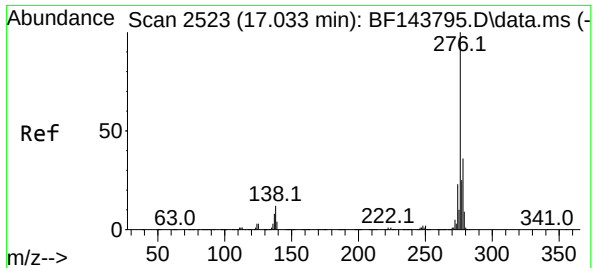
Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

265 22.7 17.7 26.5

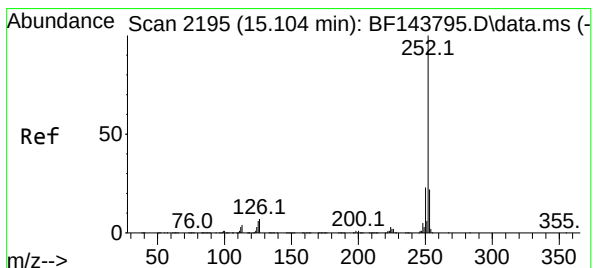
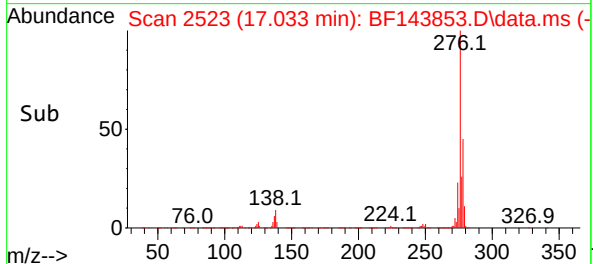
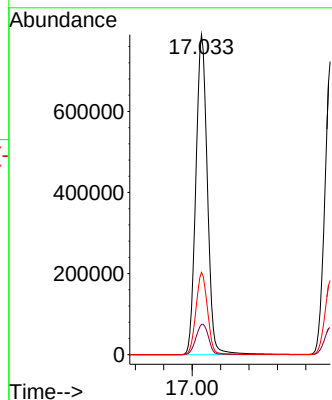
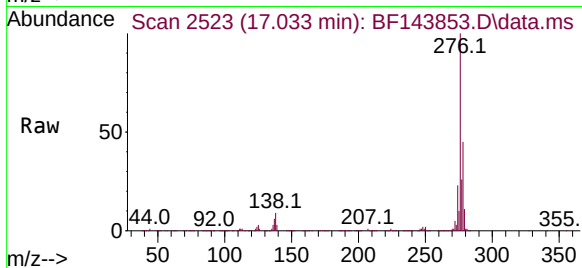




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.348 ng
 RT: 17.033 min Scan# 2198
 Delta R.T. -0.012 min
 Lab File: BF143853.D
 Acq: 02 Oct 2025 13:36

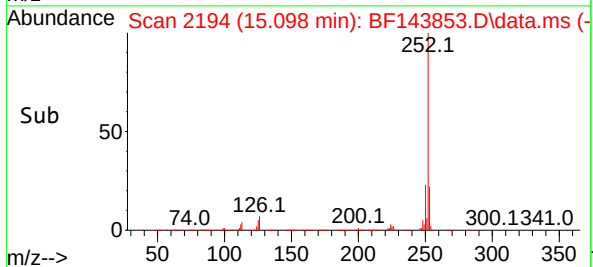
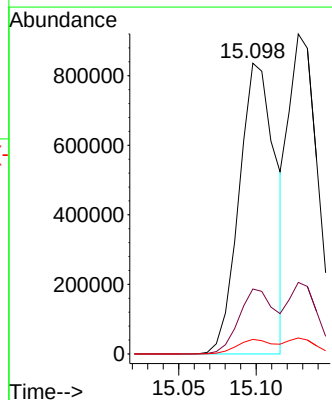
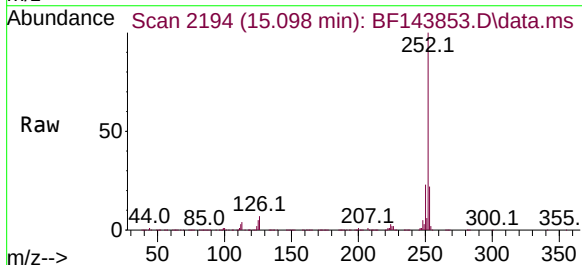
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

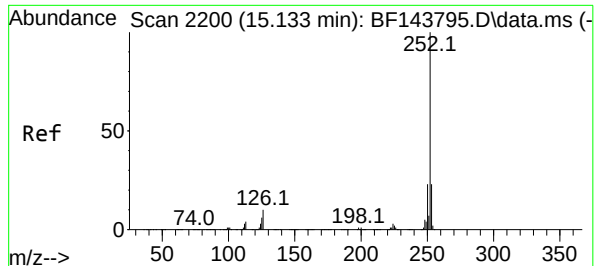
Tgt Ion:276 Resp: 2219874
 Ion Ratio Lower Upper
 276 100
 138 10.4 10.6 15.8#
 277 25.8 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 42.507 ng
 RT: 15.098 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: BF143853.D
 Acq: 02 Oct 2025 13:36

Tgt Ion:252 Resp: 1366449
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.8 26.8
 125 5.0 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 37.806 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

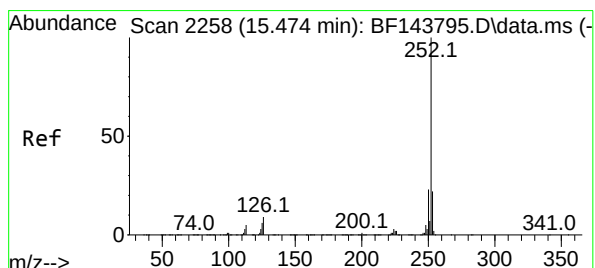
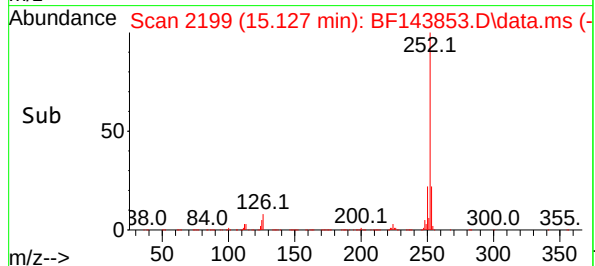
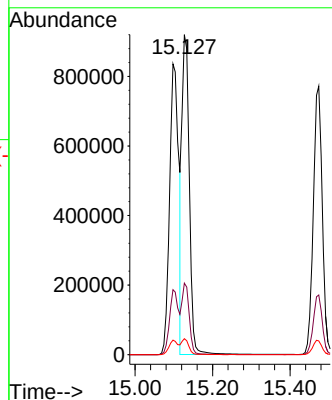
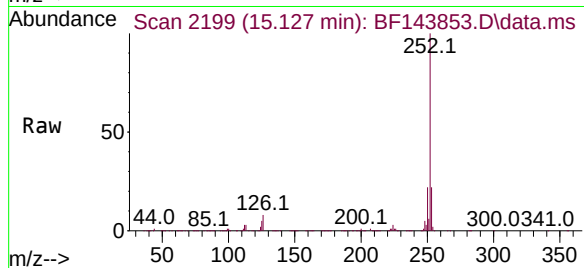
Tgt Ion:252 Resp: 1221003

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 5.0 4.6 6.8



#90

Benzo(a)pyrene

Concen: 41.307 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143853.D

Acq: 02 Oct 2025 13:36

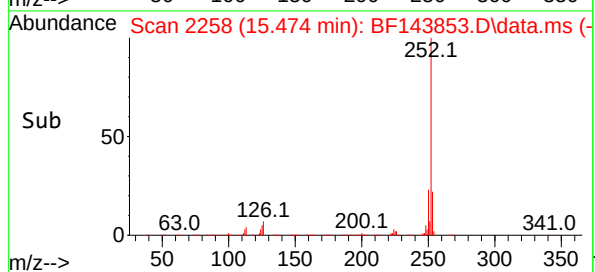
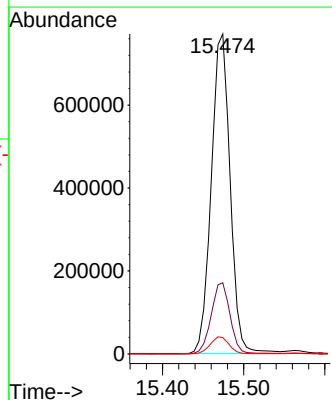
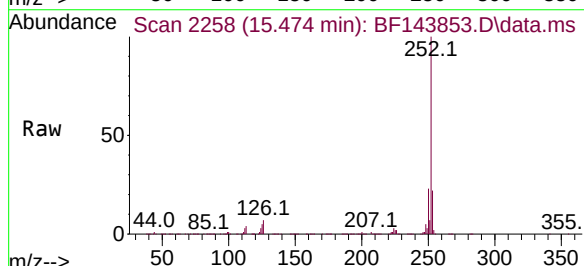
Tgt Ion:252 Resp: 1248189

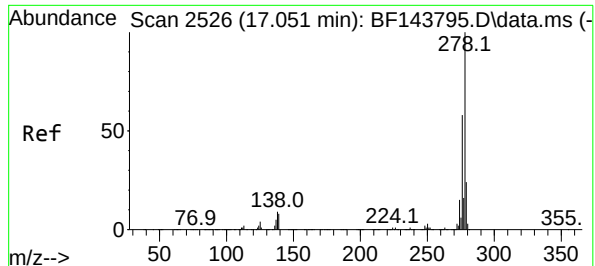
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 5.1 5.0 7.4

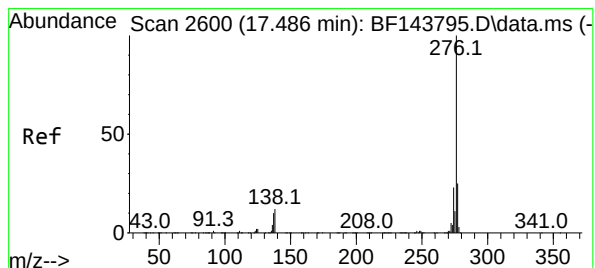
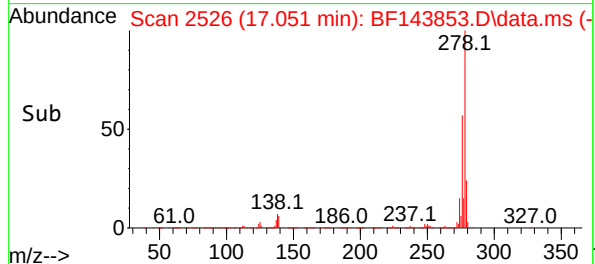
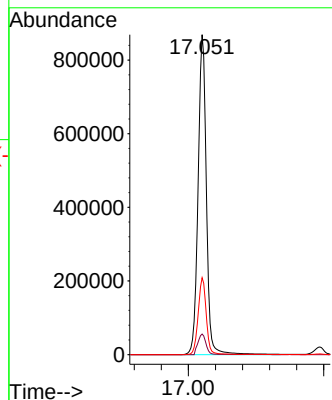
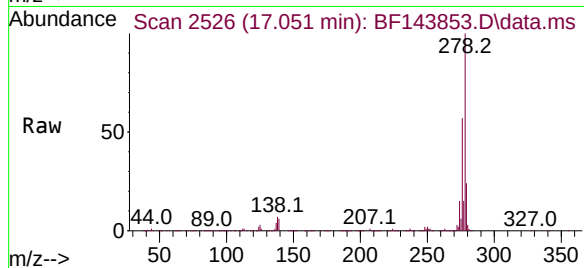




#91
Dibenzo(a,h)anthracene
Concen: 46.945 ng
RT: 17.051 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

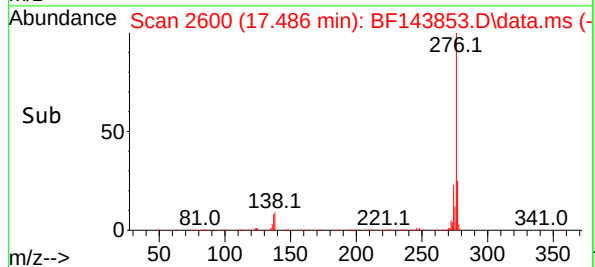
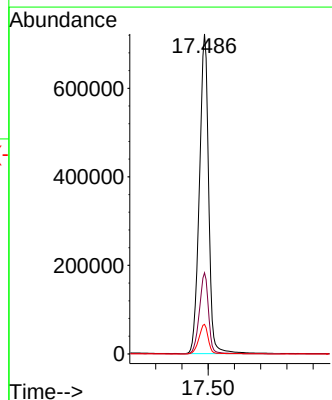
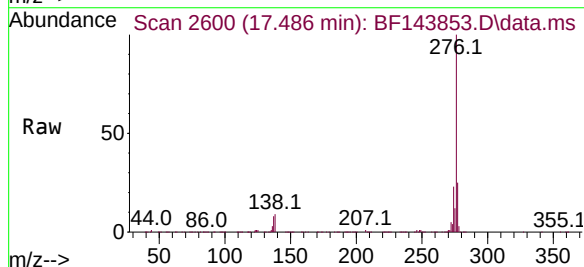
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 1839058
Ion Ratio Lower Upper
278 100
139 6.4 6.7 10.1#
279 24.0 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 46.484 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143853.D
Acq: 02 Oct 2025 13:36

Tgt Ion:276 Resp: 1755383
Ion Ratio Lower Upper
276 100
277 25.3 19.6 29.4
138 9.2 9.2 13.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143853.D
 Acq On : 02 Oct 2025 13:36
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 02 15:57:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	101	0.00
2	1,4-Dioxane	40.000	41.803	-4.5	98	0.00
3	Pyridine	40.000	41.593	-4.0	97	0.00
4	n-Nitrosodimethylamine	40.000	32.925	17.7	78	-0.02
5 S	2-Fluorophenol	80.000	84.763	-6.0	99	0.00
6	Aniline	40.000	40.340	-0.9	98	0.00
7 S	Phenol-d6	80.000	82.204	-2.8	97	0.00
8	2-Chlorophenol	40.000	41.803	-4.5	100	0.00
9	Benzaldehyde	40.000	37.549	6.1	81	0.00
10 C	Phenol	40.000	43.534	-8.8	104	0.00
11	bis(2-Chloroethyl)ether	40.000	39.970	0.1	96	0.00
12	1,3-Dichlorobenzene	40.000	41.134	-2.8	99	0.00
13 C	1,4-Dichlorobenzene	40.000	41.574	-3.9	100	0.00
14	1,2-Dichlorobenzene	40.000	41.445	-3.6	100	0.00
15	Benzyl Alcohol	40.000	40.876	-2.2	98	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	32.074	19.8	77	0.00
17	2-Methylphenol	40.000	41.100	-2.8	99	0.00
18	Hexachloroethane	40.000	40.646	-1.6	97	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.986	7.5	94	-0.01
20	3+4-Methylphenols	40.000	41.493	-3.7	98	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	40.047	-0.1	96	0.00
23 S	Nitrobenzene-d5	80.000	85.507	-6.9	99	0.00
24	Nitrobenzene	40.000	41.650	-4.1	98	0.00
25	Isophorone	40.000	40.003	-0.0	95	0.00
26 C	2-Nitrophenol	40.000	47.124	-17.8	119	0.00
27	2,4-Dimethylphenol	40.000	41.154	-2.9	97	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.871	0.3	95	0.00
29 C	2,4-Dichlorophenol	40.000	43.719	-9.3	103	0.00
30	1,2,4-Trichlorobenzene	40.000	43.346	-8.4	102	0.00
31	Naphthalene	40.000	41.007	-2.5	98	0.00
32	Benzoic acid	40.000	47.252	-18.1	116	-0.02
33	4-Chloroaniline	40.000	42.296	-5.7	101	0.00
34 C	Hexachlorobutadiene	40.000	44.744	-11.9	105	0.00
35	Caprolactam	40.000	42.787	-7.0	103	-0.02
36 C	4-Chloro-3-methylphenol	40.000	42.256	-5.6	101	0.00
37	2-Methylnaphthalene	40.000	41.540	-3.8	100	0.00
38	1-Methylnaphthalene	40.000	41.416	-3.5	99	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	44.827	-12.1	111	0.00
41 P	Hexachlorocyclopentadiene	40.000	38.227	4.4	90	0.00
42 S	2,4,6-Tribromophenol	80.000	124.565	-55.7#	145	0.00
43 C	2,4,6-Trichlorophenol	40.000	45.485	-13.7	105	0.00
44	2,4,5-Trichlorophenol	40.000	45.213	-13.0	109	0.00
45 S	2-Fluorobiphenyl	80.000	85.746	-7.2	105	0.00
46	1,1'-Biphenyl	40.000	41.369	-3.4	103	0.00
47	2-Chloronaphthalene	40.000	42.124	-5.3	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143853.D
 Acq On : 02 Oct 2025 13:36
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 02 15:57:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	46.722	-16.8	106	0.00
49	Acenaphthylene	40.000	41.770	-4.4	102	0.00
50	Dimethylphthalate	40.000	41.456	-3.6	101	0.00
51	2,6-Dinitrotoluene	40.000	49.467	-23.7	112	0.00
52 C	Acenaphthene	40.000	41.932	-4.8	103	0.00
53	3-Nitroaniline	40.000	47.791	-19.5	105	0.00
54 P	2,4-Dinitrophenol	40.000	49.285	-23.2	133	0.00
55	Dibenzofuran	40.000	41.928	-4.8	103	0.00
56 P	4-Nitrophenol	40.000	39.116	2.2	95	0.00
57	2,4-Dinitrotoluene	40.000	45.000	-12.5	112	0.00
58	Fluorene	40.000	42.010	-5.0	105	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	49.261	-23.2	115	0.00
60	Diethylphthalate	40.000	41.063	-2.7	100	0.00
61	4-Chlorophenyl-phenylether	40.000	43.849	-9.6	108	0.00
62	4-Nitroaniline	40.000	46.577	-16.4	104	-0.01
63	Azobenzene	40.000	38.468	3.8	93	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	40.000	47.767	-19.4	129	0.00
66 c	n-Nitrosodiphenylamine	40.000	41.546	-3.9	103	0.00
67	4-Bromophenyl-phenylether	40.000	48.490	-21.2	118	0.00
68	Hexachlorobenzene	40.000	53.330	-33.3#	131	0.00
69	Atrazine	40.000	41.562	-3.9	96	0.00
70 C	Pentachlorophenol	40.000	50.620	-26.5#	119	0.00
71	Phenanthrene	40.000	41.676	-4.2	101	0.00
72	Anthracene	40.000	41.585	-4.0	101	0.00
73	Carbazole	40.000	41.423	-3.6	98	0.00
74	Di-n-butylphthalate	40.000	39.884	0.3	92	0.00
75 C	Fluoranthene	40.000	42.691	-6.7	99	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	104	0.00
77	Benzydine	40.000	35.994	10.0	89	0.00
78	Pyrene	40.000	38.669	3.3	98	0.00
79 S	Terphenyl-d14	80.000	85.293	-6.6	106	0.00
80	Butylbenzylphthalate	40.000	39.200	2.0	88	0.00
81	Benzo(a)anthracene	40.000	40.400	-1.0	98	0.00
82	3,3'-Dichlorobenzidine	40.000	45.747	-14.4	111	0.00
83	Chrysene	40.000	42.180	-5.4	104	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.185	9.5	84	0.00
85 c	Di-n-octyl phthalate	40.000	37.203	7.0	86	0.00
86 I	Perylene-d12	20.000	20.000	0.0	120	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	46.348	-15.9	131	-0.01
88	Benzo(b)fluoranthene	40.000	42.507	-6.3	118	0.00
89	Benzo(k)fluoranthene	40.000	37.806	5.5	107	-0.01
90 C	Benzo(a)pyrene	40.000	41.307	-3.3	116	0.00
91	Dibenzo(a,h)anthracene	40.000	46.945	-17.4	131	-0.02
92	Benzo(g,h,i)perylene	40.000	46.484	-16.2	131	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143853.D
Acq On : 02 Oct 2025 13:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 02 15:57:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143853.D
 Acq On : 02 Oct 2025 13:36
 Operator : RC/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
2	1,4-Dioxane	0.589	0.616	-4.6	98	0.00
3	Pyridine	1.590	1.654	-4.0	97	0.00
4	n-Nitrosodimethylamine	0.797	0.656	17.7	78	-0.02
5 S	2-Fluorophenol	1.231	1.304	-5.9	99	0.00
6	Aniline	2.064	2.082	-0.9	98	0.00
7 S	Phenol-d6	1.422	1.462	-2.8	97	0.00
8	2-Chlorophenol	1.260	1.317	-4.5	100	0.00
9	Benzaldehyde	1.246	1.169	6.2	81	0.00
10 C	Phenol	1.653	1.799	-8.8	104	0.00
11	bis(2-Chloroethyl)ether	1.296	1.295	0.1	96	0.00
12	1,3-Dichlorobenzene	1.463	1.505	-2.9	99	0.00
13 C	1,4-Dichlorobenzene	1.460	1.518	-4.0	100	0.00
14	1,2-Dichlorobenzene	1.383	1.433	-3.6	100	0.00
15	Benzyl Alcohol	1.028	1.050	-2.1	98	0.00
16	2,2'-oxybis(1-Chloropropane	3.073	2.464	19.8	77	0.00
17	2-Methylphenol	0.976	1.002	-2.7	99	0.00
18	Hexachloroethane	0.514	0.522	-1.6	97	0.00
19 P	n-Nitroso-di-n-propylamine	0.915	0.846	7.5	94	-0.01
20	3+4-Methylphenols	1.188	1.232	-3.7	98	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.439	0.440	-0.2	96	0.00
23 S	Nitrobenzene-d5	0.327	0.349	-6.7	99	0.00
24	Nitrobenzene	0.362	0.377	-4.1	98	0.00
25	Isophorone	0.637	0.637	0.0	95	0.00
26 C	2-Nitrophenol	0.132	0.175	-32.6#	119	0.00
27	2,4-Dimethylphenol	0.285	0.293	-2.8	97	0.00
28	bis(2-Chloroethoxy)methane	0.414	0.412	0.5	95	0.00
29 C	2,4-Dichlorophenol	0.280	0.306	-9.3	103	0.00
30	1,2,4-Trichlorobenzene	0.291	0.315	-8.2	102	0.00
31	Naphthalene	0.957	0.982	-2.6	98	0.00
32	Benzoic acid	0.137	0.162	-18.2	116	-0.02
33	4-Chloroaniline	0.336	0.356	-6.0	101	0.00
34 C	Hexachlorobutadiene	0.217	0.242	-11.5	105	0.00
35	Caprolactam	0.072	0.077	-6.9	103	-0.02
36 C	4-Chloro-3-methylphenol	0.263	0.277	-5.3	101	0.00
37	2-Methylnaphthalene	0.611	0.634	-3.8	100	0.00
38	1-Methylnaphthalene	0.584	0.605	-3.6	99	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	103	0.00
40	1,2,4,5-Tetrachlorobenzene	0.604	0.676	-11.9	111	0.00
41 P	Hexachlorocyclopentadiene	0.383	0.366	4.4	90	0.00
42 S	2,4,6-Tribromophenol	0.296	0.461	-55.7#	145	0.00
43 C	2,4,6-Trichlorophenol	0.378	0.430	-13.8	105	0.00
44	2,4,5-Trichlorophenol	0.395	0.447	-13.2	109	0.00
45 S	2-Fluorobiphenyl	1.282	1.374	-7.2	105	0.00
46	1,1'-Biphenyl	1.448	1.497	-3.4	103	0.00
47	2-Chloronaphthalene	1.165	1.227	-5.3	104	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143853.D
 Acq On : 02 Oct 2025 13:36
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 02 15:57:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.352	0.411	-16.8	106	0.00
49	Acenaphthylene	1.604	1.675	-4.4	102	0.00
50	Dimethylphthalate	1.219	1.263	-3.6	101	0.00
51	2,6-Dinitrotoluene	0.200	0.248	-24.0	112	0.00
52 C	Acenaphthene	1.056	1.107	-4.8	103	0.00
53	3-Nitroaniline	0.243	0.290	-19.3	105	0.00
54 P	2,4-Dinitrophenol	0.064	0.082	-28.1#	133	0.00
55	Dibenzofuran	1.493	1.565	-4.8	103	0.00
56 P	4-Nitrophenol	0.196	0.191	2.6	95	0.00
57	2,4-Dinitrotoluene	0.261	0.333	-27.6#	112	0.00
58	Fluorene	1.110	1.166	-5.0	105	0.00
59	2,3,4,6-Tetrachlorophenol	0.339	0.417	-23.0	115	0.00
60	Diethylphthalate	1.141	1.171	-2.6	100	0.00
61	4-Chlorophenyl-phenylether	0.566	0.620	-9.5	108	0.00
62	4-Nitroaniline	0.228	0.266	-16.7	104	-0.01
63	Azobenzene	1.203	1.157	3.8	93	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	103	0.00
65	4,6-Dinitro-2-methylphenol	0.067	0.087	-29.9#	129	0.00
66 c	n-Nitrosodiphenylamine	0.658	0.683	-3.8	103	0.00
67	4-Bromophenyl-phenylether	0.341	0.413	-21.1	118	0.00
68	Hexachlorobenzene	0.470	0.626	-33.2#	131	0.00
69	Atrazine	0.190	0.198	-4.2	96	0.00
70 C	Pentachlorophenol	0.234	0.296	-26.5#	119	0.00
71	Phenanthrene	1.027	1.070	-4.2	101	0.00
72	Anthracene	1.030	1.071	-4.0	101	0.00
73	Carbazole	0.901	0.933	-3.6	98	0.00
74	Di-n-butylphthalate	1.036	1.033	0.3	92	0.00
75 C	Fluoranthene	1.033	1.102	-6.7	99	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	104	0.00
77	Benzydine	0.487	0.439	9.9	89	0.00
78	Pyrene	0.983	0.951	3.3	98	0.00
79 S	Terphenyl-d14	0.983	1.048	-6.6	106	0.00
80	Butylbenzylphthalate	0.340	0.333	2.1	88	0.00
81	Benzo(a)anthracene	1.074	1.085	-1.0	98	0.00
82	3,3'-Dichlorobenzidine	0.465	0.532	-14.4	111	0.00
83	Chrysene	0.972	1.025	-5.5	104	0.00
84	Bis(2-ethylhexyl)phthalate	0.499	0.451	9.6	84	0.00
85 c	Di-n-octyl phthalate	0.905	0.841	7.1	86	0.00
86 I	Perylene-d12	1.000	1.000	0.0	120	0.00
87	Indeno(1,2,3-cd)pyrene	1.517	1.758	-15.9	131	-0.01
88	Benzo(b)fluoranthene	1.018	1.082	-6.3	118	0.00
89	Benzo(k)fluoranthene	1.023	0.967	5.5	107	-0.01
90 C	Benzo(a)pyrene	0.957	0.989	-3.3	116	0.00
91	Dibenzo(a,h)anthracene	1.241	1.457	-17.4	131	-0.02
92	Benzo(g,h,i)perylene	1.196	1.390	-16.2	131	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143853.D
Acq On : 02 Oct 2025 13:36
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 02 15:57:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 2



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/08/2025 10:13</u>
Lab File ID:	<u>BF143887.D</u>	Init. Calib. Date(s):	<u>10/06/2025 10/06/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>09:59 14:22</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.259	1.370		8.8	
Benzaldehyde	1.158	1.366		18.0	
Phenol-d6	1.501	1.603		6.8	
Phenol	1.795	2.034		13.3	20.0
bis(2-Chloroethyl)ether	1.386	1.486		7.2	
2-Chlorophenol	1.231	1.334		8.4	
2-Methylphenol	1.017	1.097		7.9	
2,2-oxybis(1-Chloropropane)	3.156	3.374		6.9	
Acetophenone	0.423	0.443		4.7	
3+4-Methylphenols	1.179	1.286		9.1	
n-Nitroso-di-n-propylamine	1.028	1.050	0.050	2.1	
Nitrobenzene-d5	0.329	0.359		9.1	
Hexachloroethane	0.485	0.525		8.2	
Nitrobenzene	0.366	0.402		9.8	
Isophorone	0.694	0.729		5.0	
2-Nitrophenol	0.157	0.171		8.9	20.0
2,4-Dimethylphenol	0.282	0.311		10.3	
bis(2-Chloroethoxy)methane	0.438	0.454		3.7	
2,4-Dichlorophenol	0.294	0.312		6.1	20.0
Naphthalene	0.910	0.956		5.1	
4-Chloroaniline	0.341	0.360		5.6	
Hexachlorobutadiene	0.201	0.216		7.5	20.0
Caprolactam	0.093	0.102		9.7	
4-Chloro-3-methylphenol	0.282	0.302		7.1	20.0
2-Methylnaphthalene	0.606	0.626		3.3	
Hexachlorocyclopentadiene	0.229	0.244	0.050	6.6	
2,4,6-Trichlorophenol	0.404	0.428		5.9	20.0
2-Fluorobiphenyl	1.260	1.197		-5.0	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.324	1.365		3.1	
2-Chloronaphthalene	1.104	1.147		3.9	
2-Nitroaniline	0.349	0.394		12.9	
Dimethylphthalate	1.270	1.326		4.4	
Acenaphthylene	1.552	1.636		5.4	
2,6-Dinitrotoluene	0.236	0.266		12.7	
3-Nitroaniline	0.288	0.320		11.1	
Acenaphthene	1.017	1.047		3.0	20.0
2,4-Dinitrophenol	0.118	0.115	0.050	-2.5	
4-Nitrophenol	0.218	0.245	0.050	12.4	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02
 Lab Code: ACE SDG No.: Q3266
 Instrument ID: BNA_F Calibration Date/Time: 10/08/2025 10:13
 Lab File ID: BF143887.D Init. Calib. Date(s): 10/06/2025 10/06/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.436	1.486		3.5	
2,4-Dinitrotoluene	0.320	0.367		14.7	
Diethylphthalate	1.180	1.260		6.8	
4-Chlorophenyl-phenylether	0.573	0.587		2.4	
Fluorene	1.083	1.100		1.6	
4-Nitroaniline	0.277	0.308		11.2	
4,6-Dinitro-2-methylphenol	0.101	0.104		3.0	
n-Nitrosodiphenylamine	0.628	0.645		2.7	20.0
2,4,6-Tribromophenol	0.199	0.213		7.0	
4-Bromophenyl-phenylether	0.221	0.221		0.0	
Hexachlorobenzene	0.256	0.262		2.3	
Atrazine	0.190	0.196		3.2	
Pentachlorophenol	0.147	0.152		3.4	20.0
Phenanthrene	0.970	0.981		1.1	
Anthracene	0.980	1.010		3.1	
Carbazole	0.868	0.895		3.1	
Di-n-butylphthalate	1.005	1.079		7.4	
Fluoranthene	1.002	1.052		5.0	20.0
Pyrene	1.667	1.756		5.3	
Terphenyl-d14	1.170	1.254		7.2	
Butylbenzylphthalate	0.542	0.605		11.6	
3,3-Dichlorobenzidine	0.399	0.417		4.5	
Benzo (a) anthracene	1.309	1.342		2.5	
Chrysene	1.211	1.288		6.4	
Bis(2-ethylhexyl)phthalate	0.653	0.714		9.3	
Di-n-octyl phthalate	1.072	1.129		5.3	20.0
Benzo (b) fluoranthene	1.149	1.192		3.7	
Benzo (k) fluoranthene	1.063	1.203		13.2	
Benzo (a) pyrene	0.996	1.095		9.9	20.0
Indeno (1,2,3-cd) pyrene	1.225	1.337		9.1	
Dibenzo (a,h) anthracene	0.986	1.080		9.5	
Benzo (g,h,i) perylene	0.986	1.074		8.9	
1,2,4,5-Tetrachlorobenzene	0.553	0.573		3.6	
1,4-Dioxane	0.583	0.664		13.9	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.328		8.6	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143887.D
 Acq On : 08 Oct 2025 10:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 08 10:41:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	125960	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	486402	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	269911	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	472445	20.000	ng	0.00
76) Chrysene-d12	14.063	240	292935	20.000	ng	0.00
86) Perylene-d12	15.539	264	279333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	690361	87.034	ng	0.00
7) Phenol-d6	6.504	99	807661	85.425	ng	-0.01
23) Nitrobenzene-d5	7.445	82	698122	87.200	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	229593	85.402	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1292253	75.968	ng	0.00
79) Terphenyl-d14	13.004	244	1469688	85.746	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	167339	45.590	ng	96
3) Pyridine	3.410	79	470946	44.073	ng	98
4) n-Nitrosodimethylamine	3.357	42	245777	43.724	ng	99
6) Aniline	6.545	93	612125	43.206	ng	100
8) 2-Chlorophenol	6.663	128	336064	43.343	ng	100
9) Benzaldehyde	6.434	77	344173	47.190	ng	98
10) Phenol	6.516	94	512320	45.325	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	374431	42.883	ng	99
12) 1,3-Dichlorobenzene	6.822	146	386003	41.590	ng	99
13) 1,4-Dichlorobenzene	6.898	146	389937	42.592	ng	100
14) 1,2-Dichlorobenzene	7.051	146	371504	42.365	ng	100
15) Benzyl Alcohol	7.022	79	307662	43.431	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	849970	42.766	ng	99
17) 2-Methylphenol	7.128	107	276336	43.125	ng	99
18) Hexachloroethane	7.398	117	132229	43.308	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	264400	40.855	ng	99
20) 3+4-Methylphenols	7.281	107	324012	43.628	ng	99
22) Acetophenone	7.293	105	430827	41.890	ng	99
24) Nitrobenzene	7.463	77	390583	43.931	ng	98
25) Isophorone	7.704	82	708842	41.991	ng	99
26) 2-Nitrophenol	7.781	139	166507	43.683	ng	100
27) 2,4-Dimethylphenol	7.810	122	302712	44.148	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	442013	41.451	ng	99
29) 2,4-Dichlorophenol	8.022	162	303675	42.518	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	294414	41.914	ng	99
31) Naphthalene	8.187	128	930403	42.050	ng	100
32) Benzoic acid	7.916	122	192542	40.574	ng	93
33) 4-Chloroaniline	8.234	127	350152	42.195	ng	99
34) Hexachlorobutadiene	8.304	225	210381	43.101	ng	99
35) Caprolactam	8.604	113	98848	43.527	ng	98
36) 4-Chloro-3-methylphenol	8.710	107	294116	42.870	ng	98
37) 2-Methylnaphthalene	8.881	142	609199	41.333	ng	99
38) 1-Methylnaphthalene	8.981	142	587648	41.105	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	309244	41.454	ng	99
41) Hexachlorocyclopentadiene	9.034	237	131730	42.564	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	231235	42.423	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143887.D
 Acq On : 08 Oct 2025 10:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

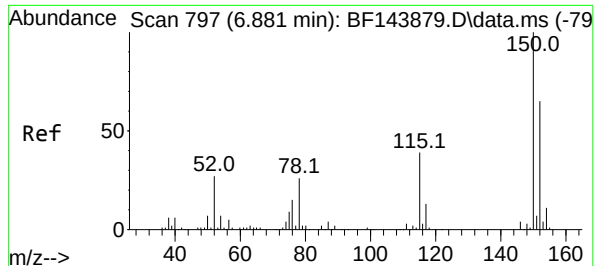
Quant Time: Oct 08 10:41:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	234730	40.751	ng	98
46) 1,1'-Biphenyl	9.345	154	736853	41.233	ng	100
47) 2-Chloronaphthalene	9.369	162	619098	41.551	ng	98
48) 2-Nitroaniline	9.463	65	212517	45.114	ng	98
49) Acenaphthylene	9.786	152	883075	42.158	ng	100
50) Dimethylphthalate	9.639	163	715543	41.746	ng	99
51) 2,6-Dinitrotoluene	9.704	165	143448	45.132	ng	95
52) Acenaphthene	9.957	154	565291	41.185	ng	99
53) 3-Nitroaniline	9.875	138	172795	44.400	ng	98
54) 2,4-Dinitrophenol	9.981	184	62208	35.918	ng	98
55) Dibenzofuran	10.134	168	802029	41.394	ng	100
56) 4-Nitrophenol	10.028	139	132028	44.805	ng	97
57) 2,4-Dinitrotoluene	10.110	165	198021	45.790	ng	99
58) Fluorene	10.475	166	593723	40.611	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	177212	43.461	ng	# 98
60) Diethylphthalate	10.345	149	680061	42.707	ng	100
61) 4-Chlorophenyl-phenylether	10.469	204	316950	41.005	ng	100
62) 4-Nitroaniline	10.492	138	166030	44.364	ng	97
63) Azobenzene	10.628	77	701871	42.174	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	98474	41.478	ng	96
66) n-Nitrosodiphenylamine	10.586	169	609002	41.053	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	208885	40.007	ng	96
68) Hexachlorobenzene	11.022	284	247319	40.915	ng	99
69) Atrazine	11.110	200	185337	41.221	ng	99
70) Pentachlorophenol	11.216	266	144078	41.501	ng	98
71) Phenanthrene	11.439	178	927059	40.475	ng	100
72) Anthracene	11.492	178	954456	41.249	ng	99
73) Carbazole	11.645	167	845876	41.276	ng	100
74) Di-n-butylphthalate	11.975	149	1019853	42.939	ng	99
75) Fluoranthene	12.633	202	994203	42.023	ng	100
77) Benzidine	12.751	184	443056	43.559	ng	97
78) Pyrene	12.863	202	1029051	42.137	ng	100
80) Butylbenzylphthalate	13.480	149	354629	44.712	ng	100
81) Benzo(a)anthracene	14.051	228	786049	41.005	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	244496	41.852	ng	98
83) Chrysene	14.092	228	754633	42.533	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	418492	43.772	ng	99
85) Di-n-octyl phthalate	14.657	149	661312	42.113	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	746842	43.634	ng	99
88) Benzo(b)fluoranthene	15.110	252	666065	41.510	ng	99
89) Benzo(k)fluoranthene	15.139	252	671860	45.251	ng	98
90) Benzo(a)pyrene	15.480	252	611488	43.950	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	603140	43.815	ng	99
92) Benzo(g,h,i)perylene	17.492	276	599979	43.585	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

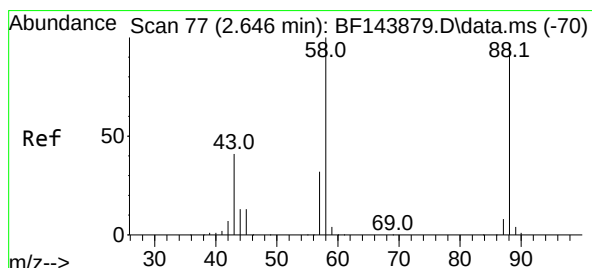
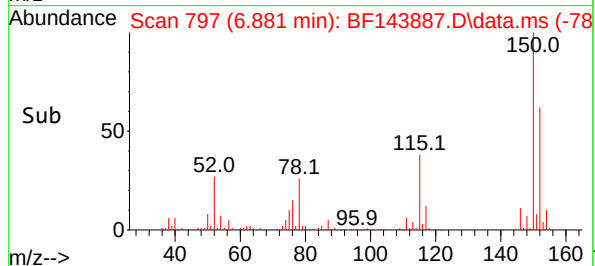
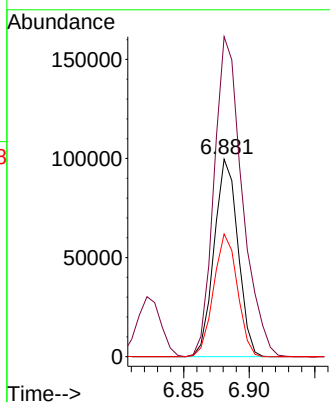
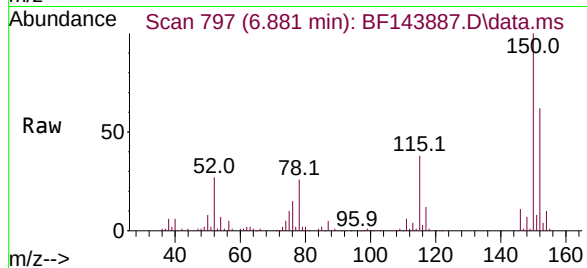
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

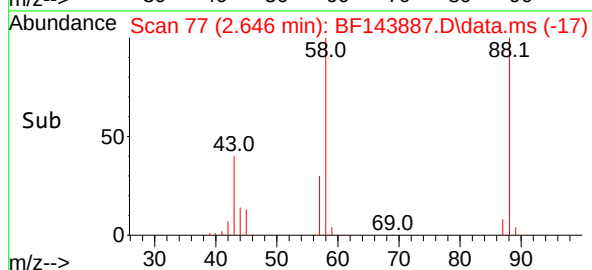
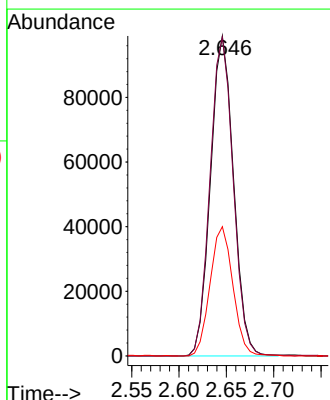
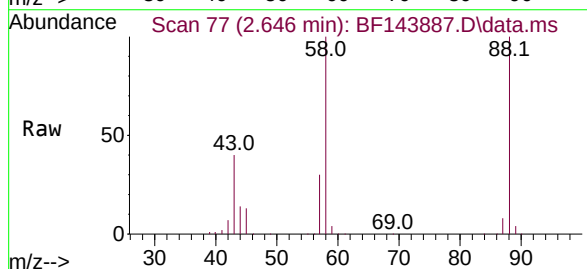
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

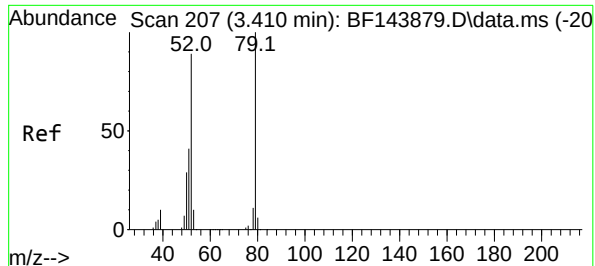
Tgt Ion:152 Resp: 125960
Ion Ratio Lower Upper
152 100
150 162.1 124.4 186.6
115 62.2 48.1 72.1



#2
1,4-Dioxane
Concen: 45.590 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

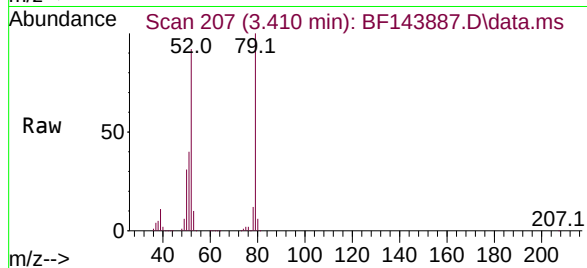
Tgt Ion: 88 Resp: 167339
Ion Ratio Lower Upper
88 100
58 100.2 83.0 124.6
43 40.0 33.9 50.9



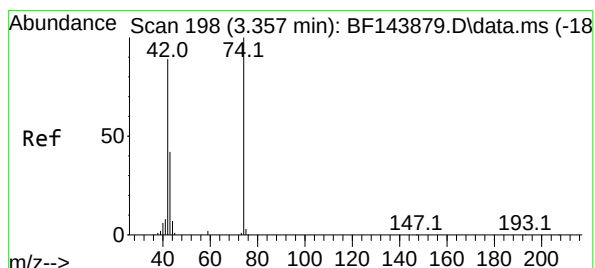
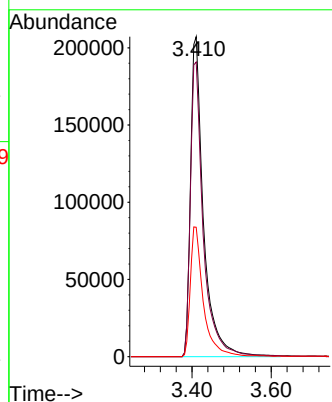
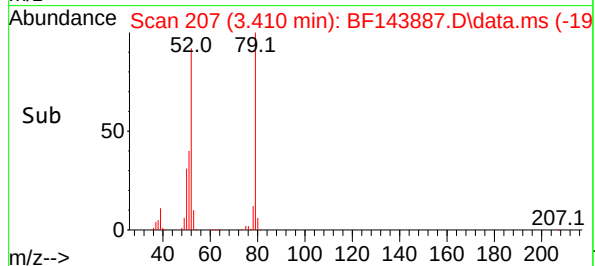


#3
Pyridine
Concen: 44.073 ng
RT: 3.410 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

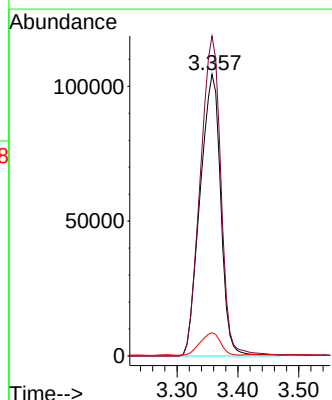
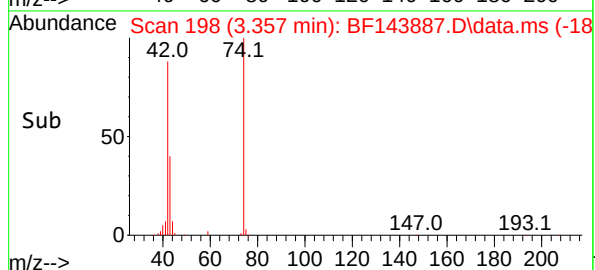
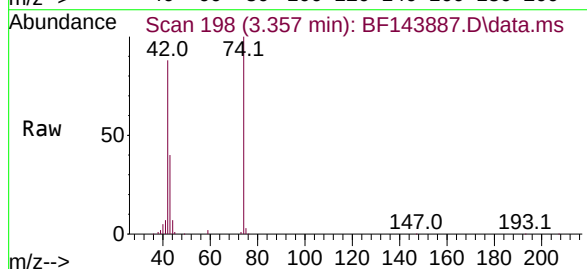


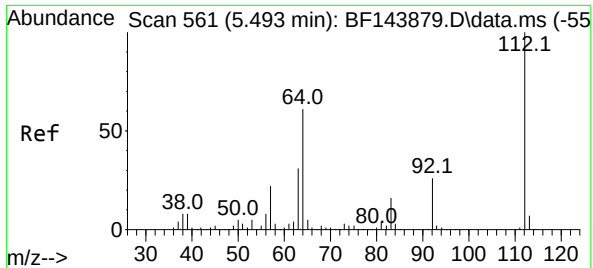
Tgt Ion: 79 Resp: 470946
Ion Ratio Lower Upper
79 100
52 92.1 71.5 107.3
51 40.4 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 43.724 ng
RT: 3.357 min Scan# 198
Delta R.T. -0.029 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 42 Resp: 245777
Ion Ratio Lower Upper
42 100
74 113.7 90.0 135.0
44 8.2 6.2 9.2

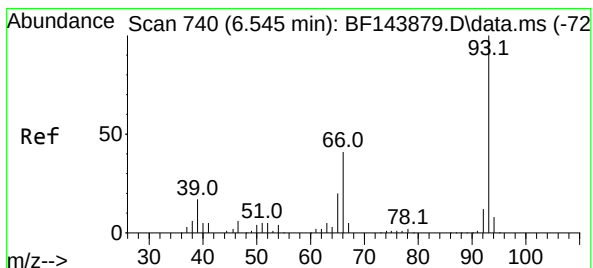
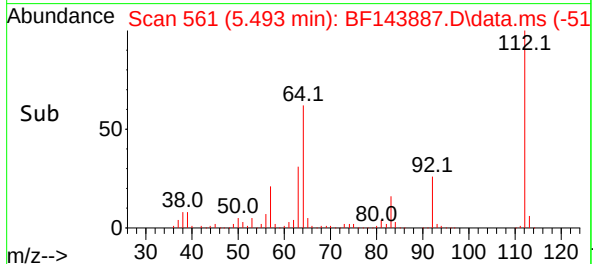
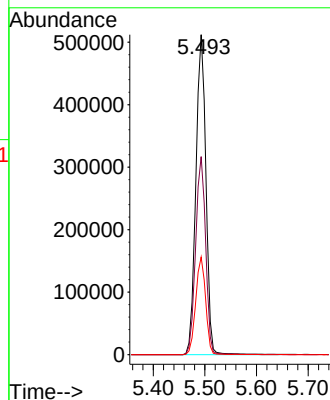
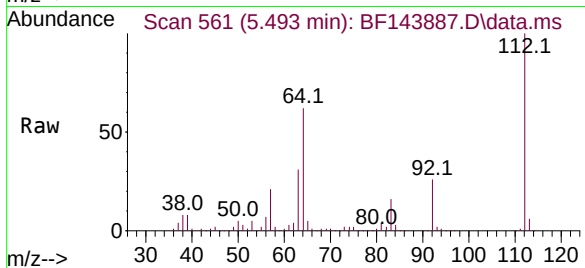




#5
2-Fluorophenol
Concen: 87.034 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

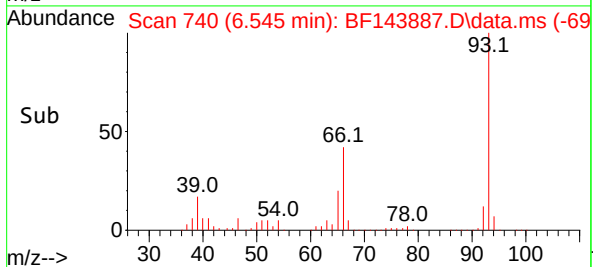
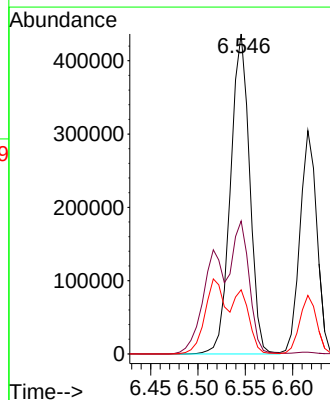
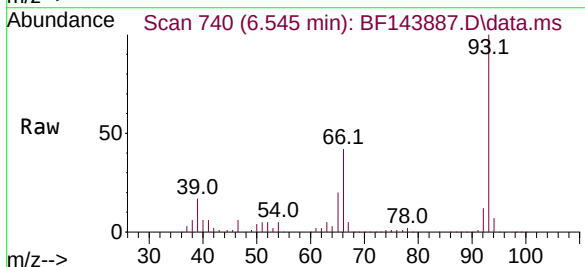
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

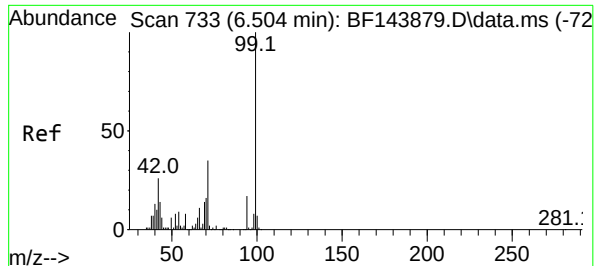
Tgt Ion:112 Resp: 690361
Ion Ratio Lower Upper
112 100
64 61.9 49.1 73.7
63 30.5 24.5 36.7



#6
Aniline
Concen: 43.206 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 93 Resp: 612125
Ion Ratio Lower Upper
93 100
66 41.5 33.0 49.6
65 20.1 15.8 23.8

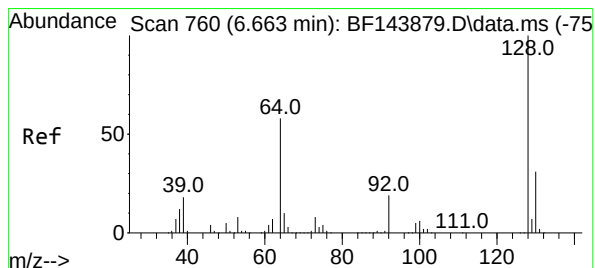
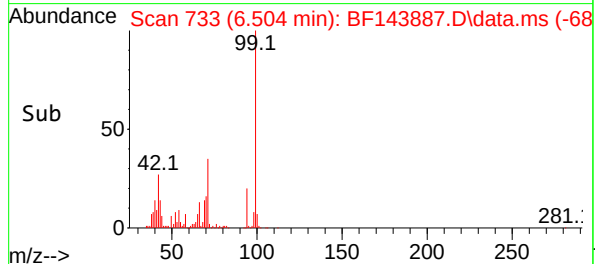
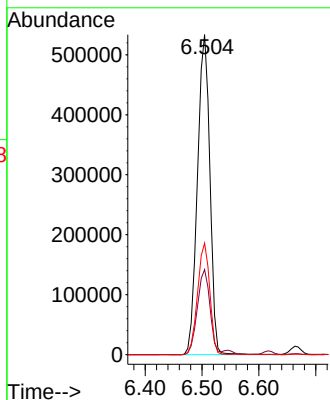
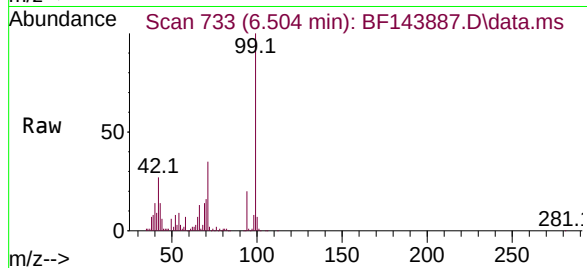




#7
Phenol-d6
Concen: 85.425 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

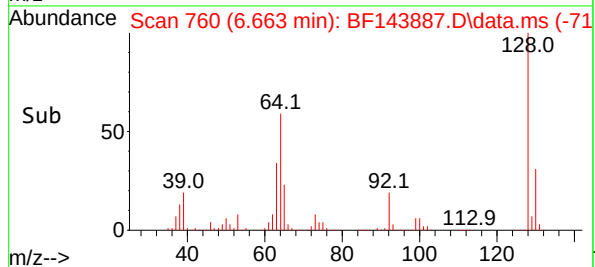
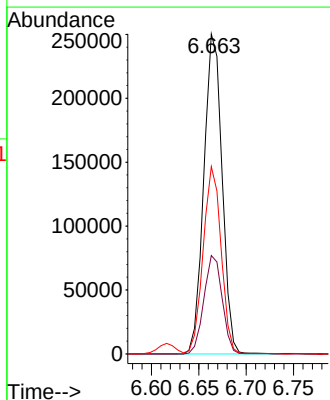
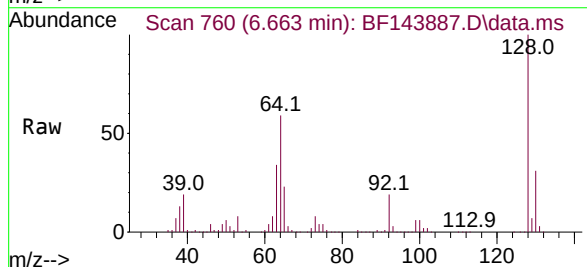
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

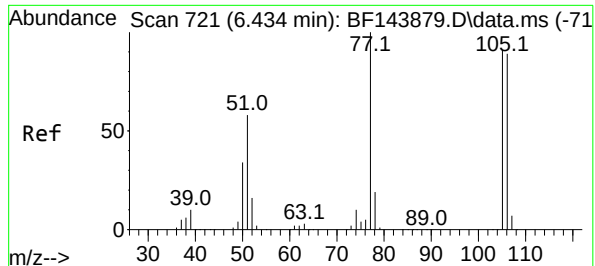
Tgt Ion: 99 Resp: 807661
Ion Ratio Lower Upper
99 100
42 26.6 21.0 31.4
71 34.8 27.8 41.8



#8
2-Chlorophenol
Concen: 43.343 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 128 Resp: 336064
Ion Ratio Lower Upper
128 100
130 30.8 10.7 50.7
64 58.5 39.0 79.0

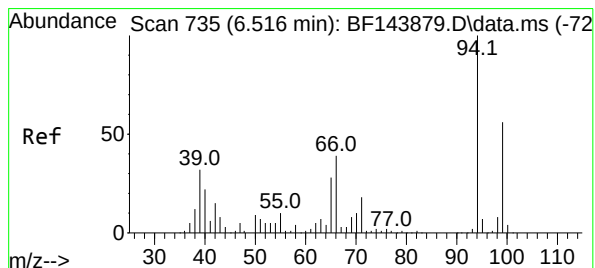
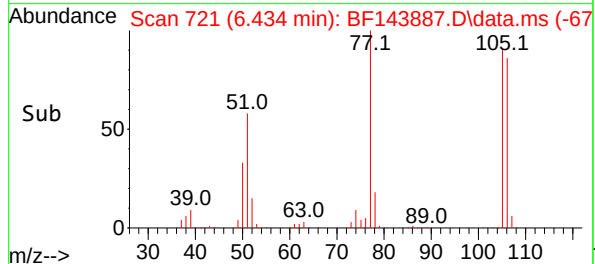
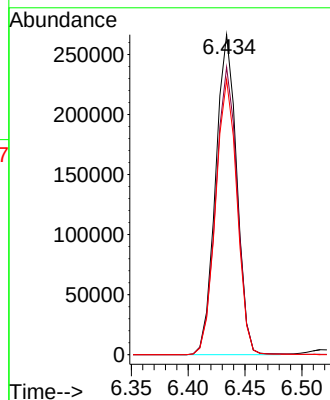
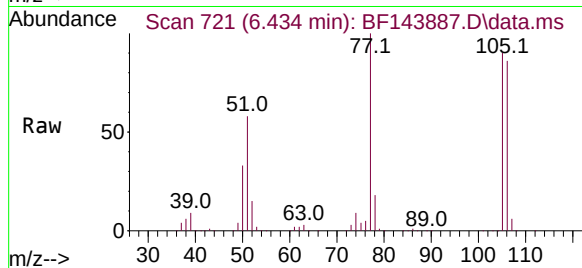




#9
Benzaldehyde
Concen: 47.190 ng
RT: 6.434 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

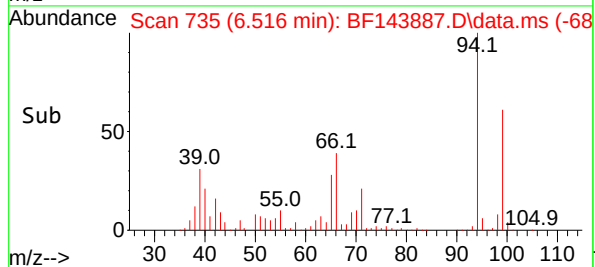
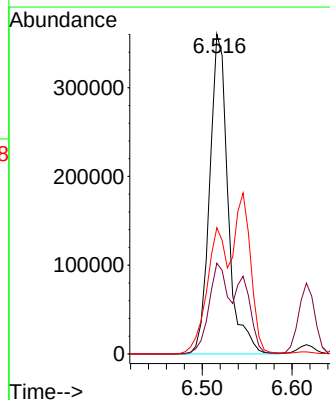
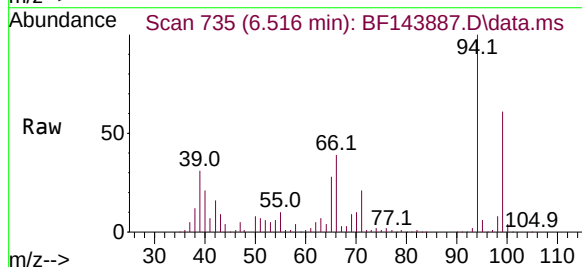
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

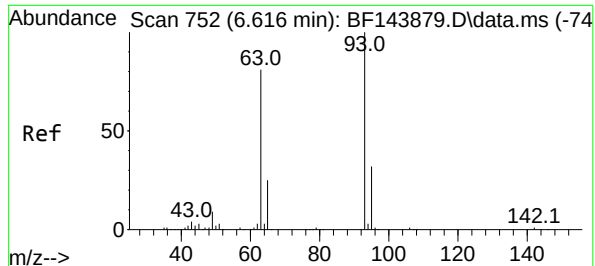
Tgt Ion: 77 Resp: 344173
Ion Ratio Lower Upper
77 100
105 89.8 70.9 110.9
106 85.9 68.9 108.9



#10
Phenol
Concen: 45.325 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.017 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 94 Resp: 512320
Ion Ratio Lower Upper
94 100
65 28.3 8.5 48.5
66 39.4 19.9 59.9

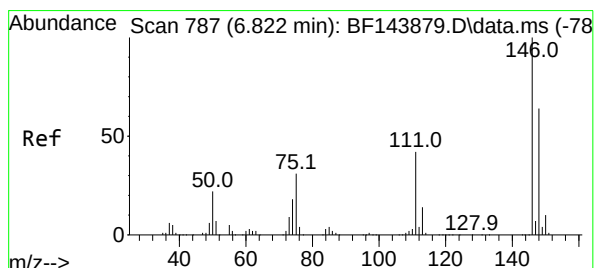
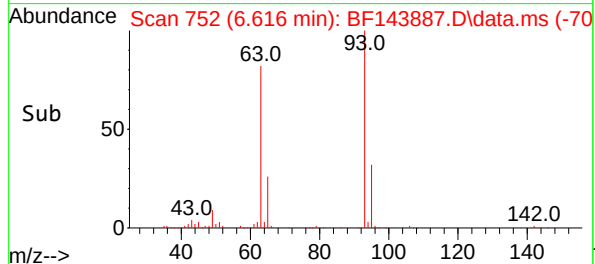
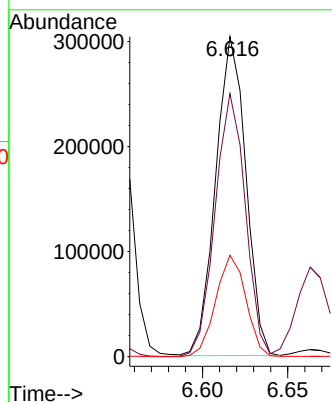
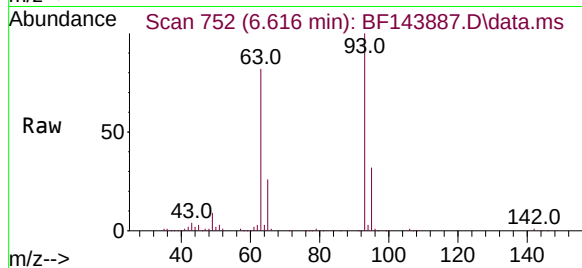




#11
bis(2-Chloroethyl)ether
Concen: 42.883 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

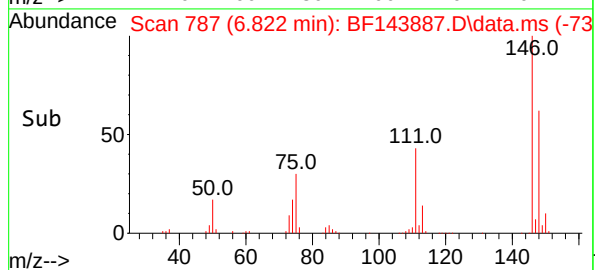
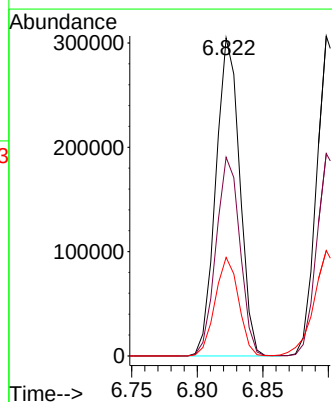
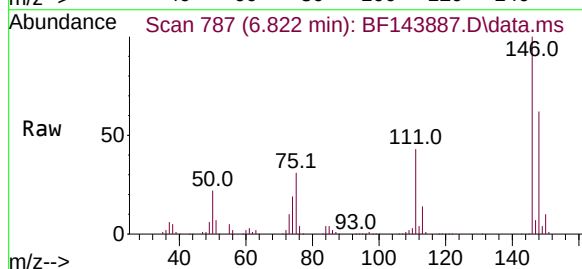
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

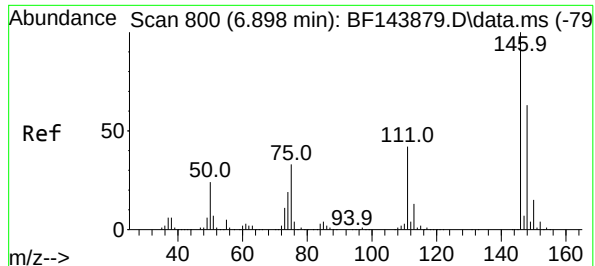
Tgt Ion: 93 Resp: 374431
Ion Ratio Lower Upper
93 100
63 82.2 60.9 100.9
95 31.7 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.590 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion: 146 Resp: 386003
Ion Ratio Lower Upper
146 100
148 62.4 51.0 76.4
75 31.0 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 42.592 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

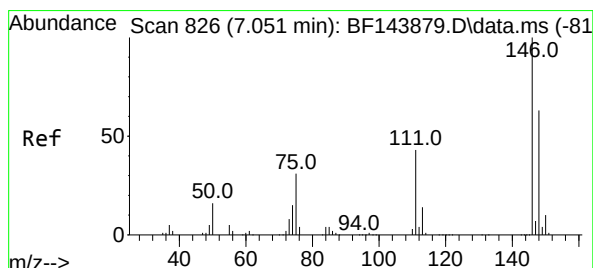
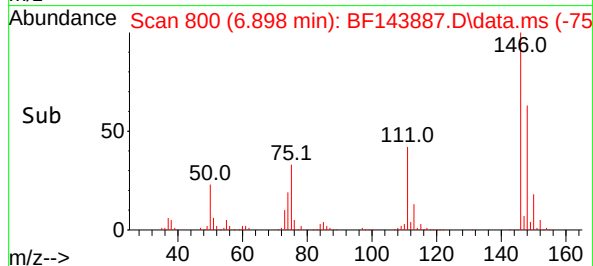
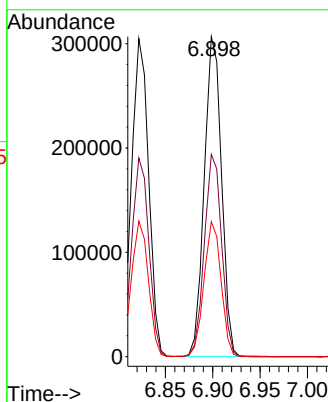
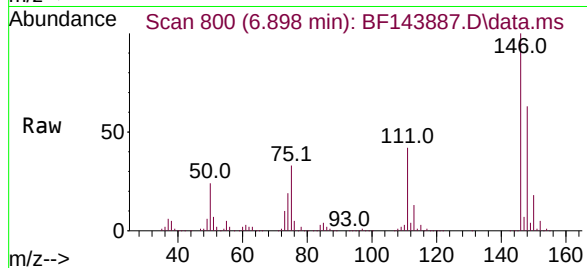
Tgt Ion:146 Resp: 389937

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

111 42.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 42.365 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

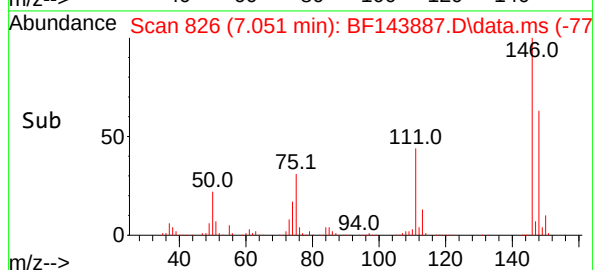
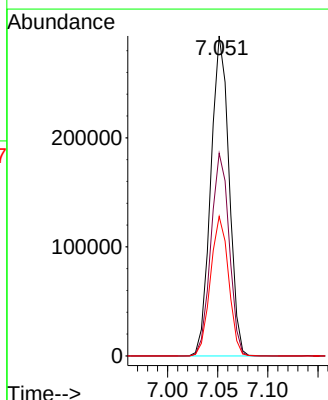
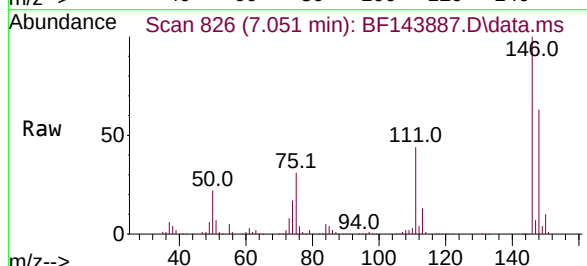
Tgt Ion:146 Resp: 371504

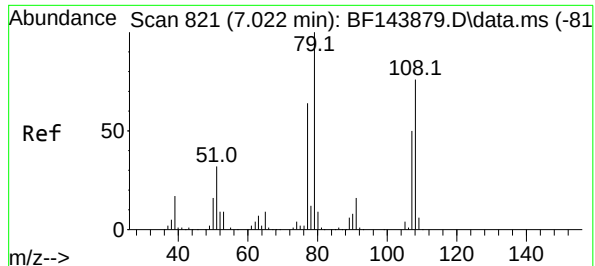
Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

111 43.6 34.6 51.8





#15

Benzyl Alcohol

Concen: 43.431 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

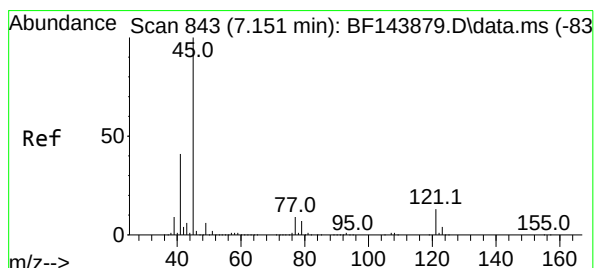
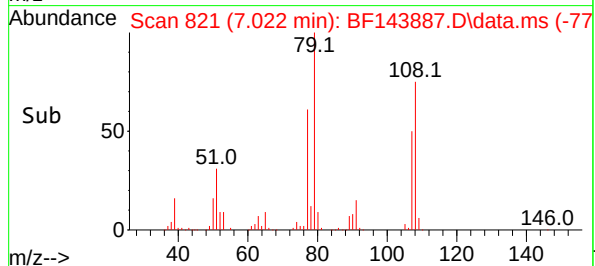
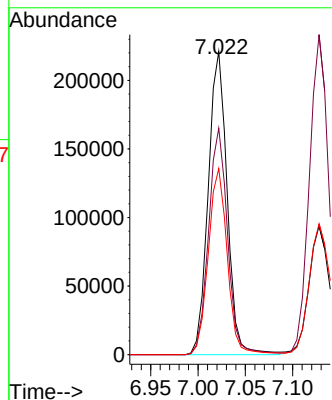
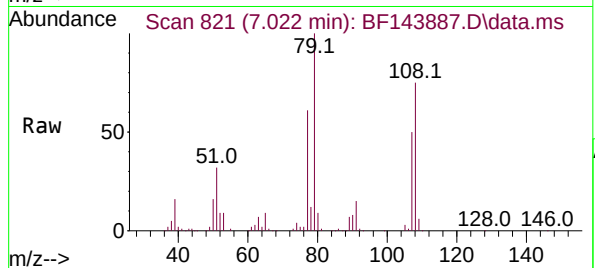
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 307662

Ion	Ratio	Lower	Upper
79	100		
108	74.7	60.8	91.2
77	61.4	51.0	76.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.766 ng

RT: 7.151 min Scan# 843

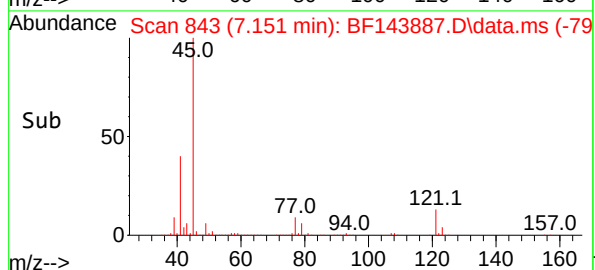
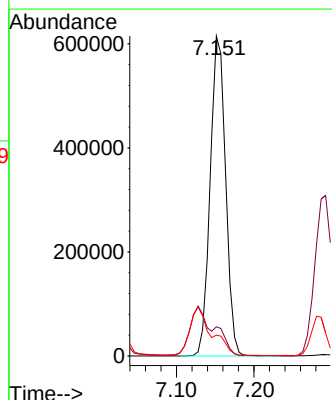
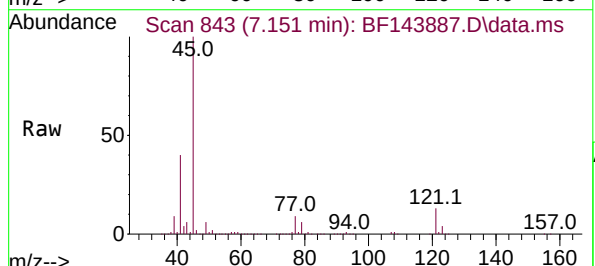
Delta R.T. -0.006 min

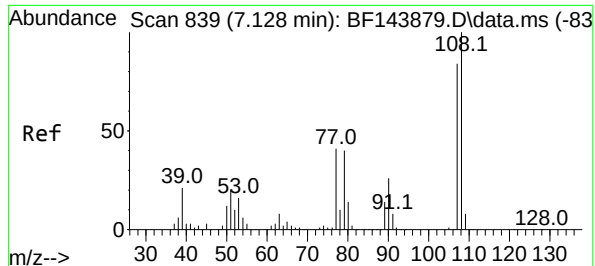
Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Tgt Ion: 45 Resp: 849970

Ion	Ratio	Lower	Upper
45	100		
77	9.1	0.0	29.0
79	6.5	0.0	26.8

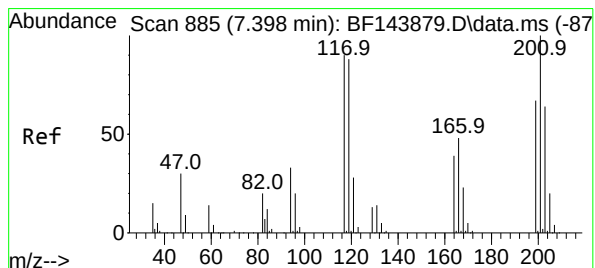
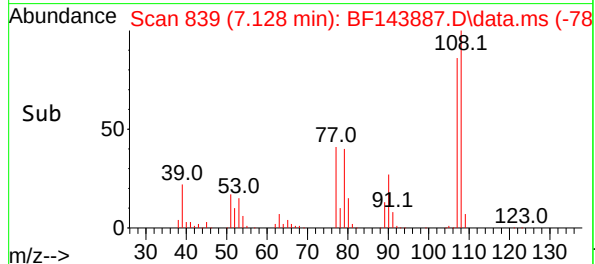
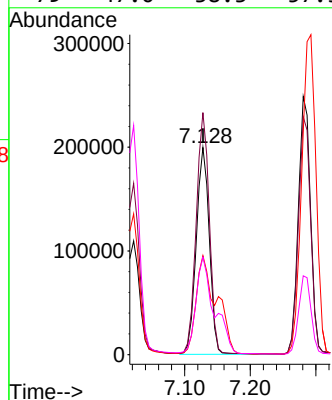
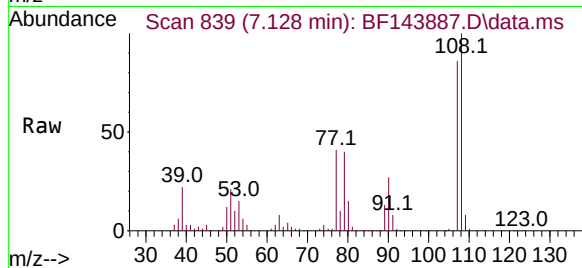




#17
2-Methylphenol
Concen: 43.125 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

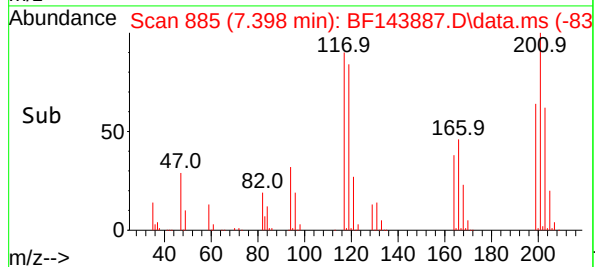
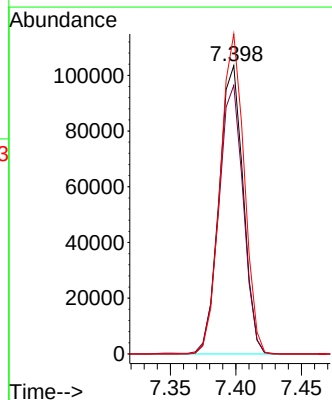
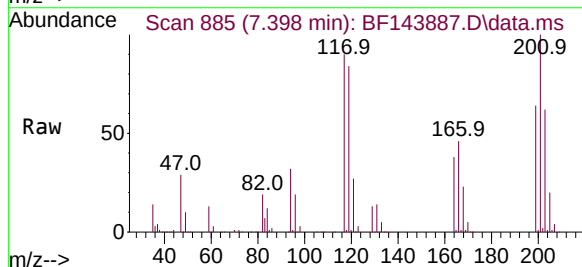
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

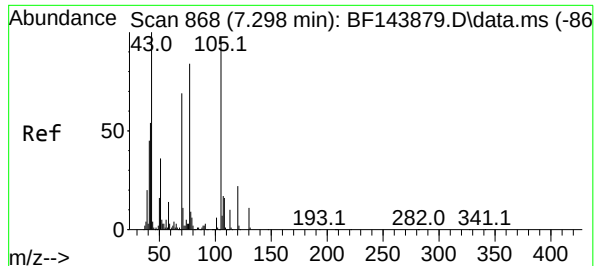
Tgt Ion:	107	Resp:	276336
Ion	Ratio	Lower	Upper
107	100		
108	116.8	94.7	142.1
77	47.8	38.8	58.2
79	47.0	38.3	57.5



#18
Hexachloroethane
Concen: 43.308 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:	117	Resp:	132229
Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.8	116.8
201	111.0	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.855 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.017 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 264400

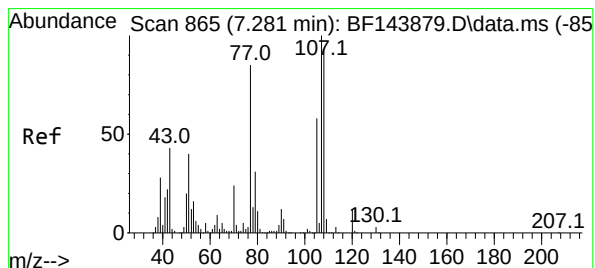
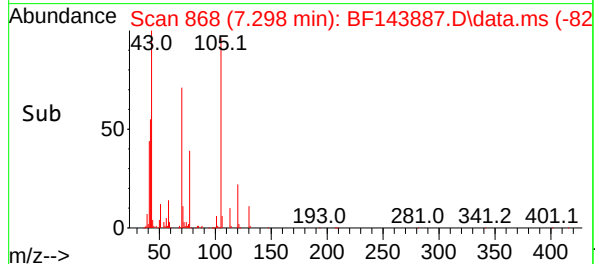
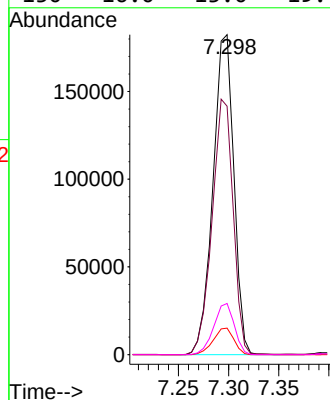
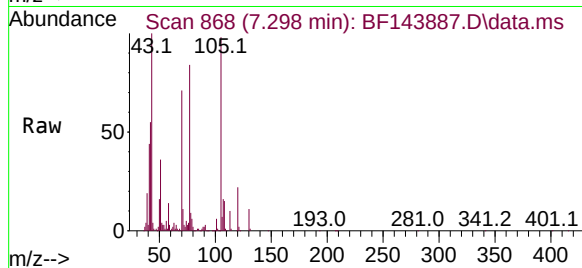
Ion Ratio Lower Upper

70 100

42 77.6 62.8 94.2

101 8.3 6.7 10.1

130 16.0 13.0 19.4



#20

3+4-Methylphenols

Concen: 43.628 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.017 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Tgt Ion: 107 Resp: 324012

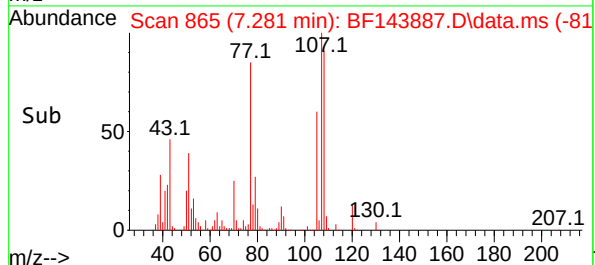
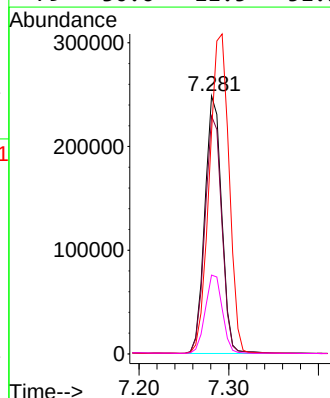
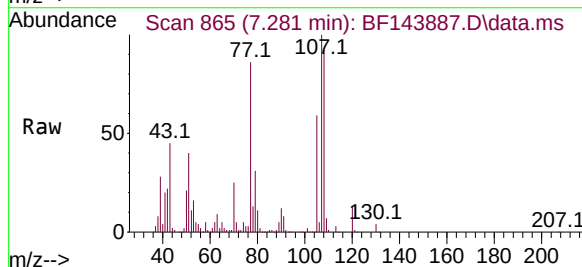
Ion Ratio Lower Upper

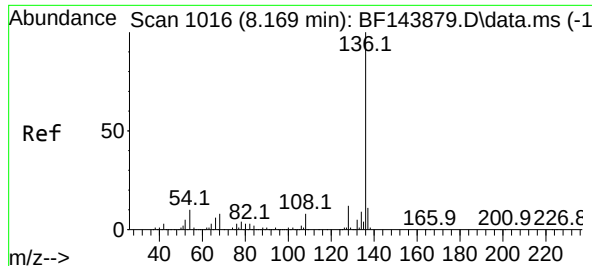
107 100

108 92.2 73.0 113.0

77 86.2 64.6 104.6

79 30.6 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 486402

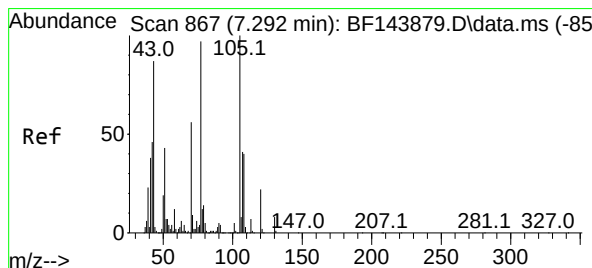
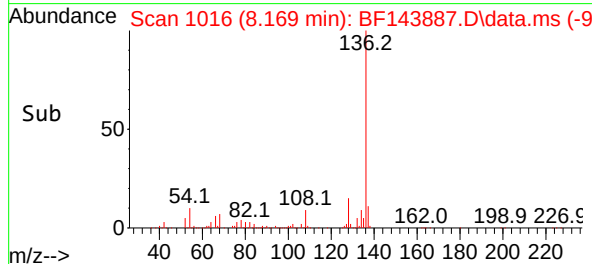
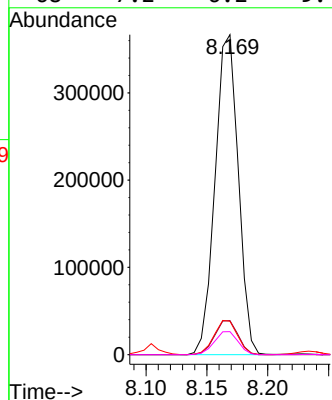
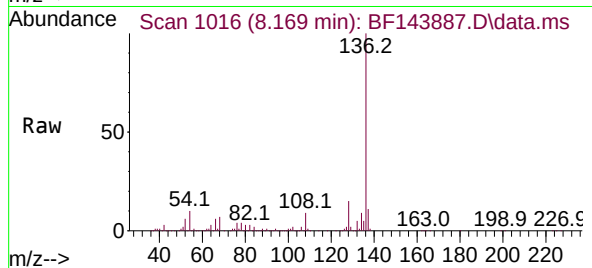
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.4 8.2 12.4

68 7.2 6.2 9.4



#22

Acetophenone

Concen: 41.890 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Tgt Ion:105 Resp: 430827

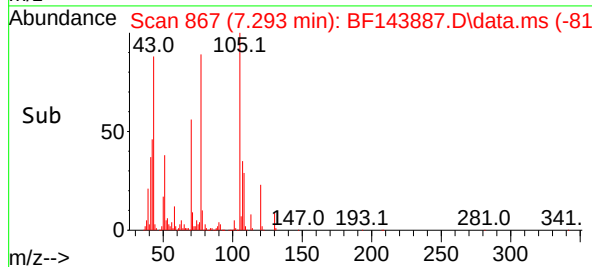
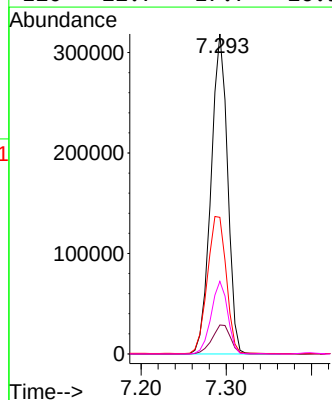
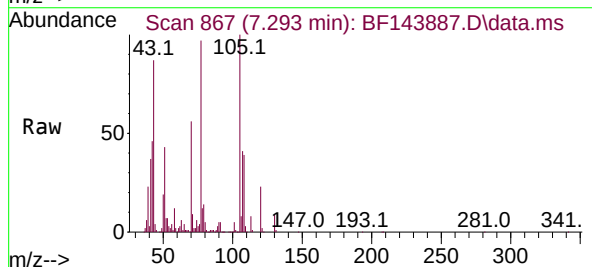
Ion Ratio Lower Upper

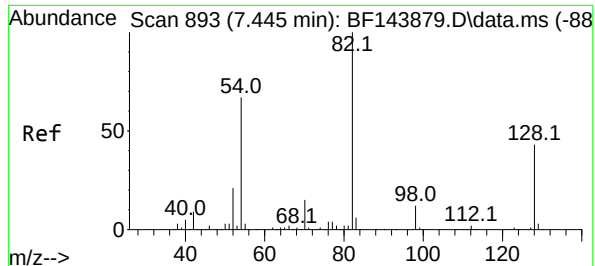
105 100

71 9.0 7.4 11.0

51 42.7 34.2 51.4

120 22.7 17.7 26.5





#23

Nitrobenzene-d5

Concen: 87.200 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

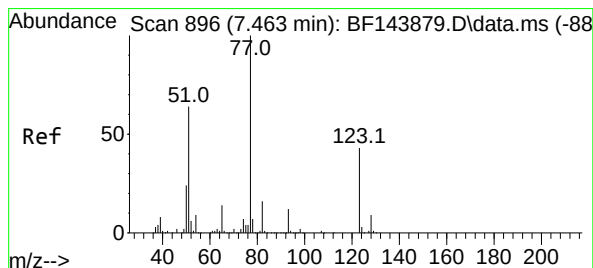
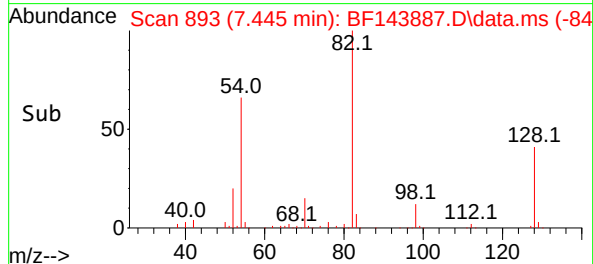
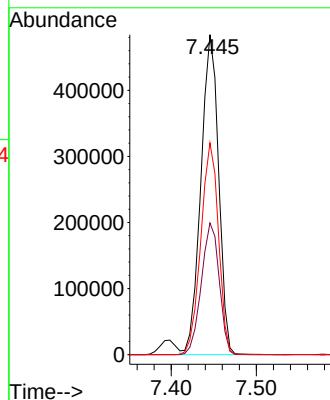
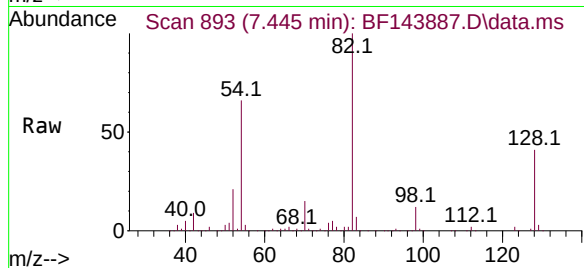
Tgt Ion: 82 Resp: 698122

Ion Ratio Lower Upper

82 100

128 41.1 34.0 51.0

54 66.2 53.2 79.8



#24

Nitrobenzene

Concen: 43.931 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

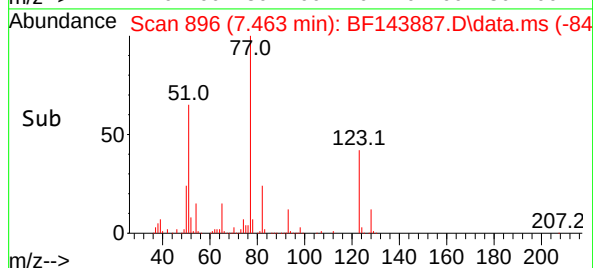
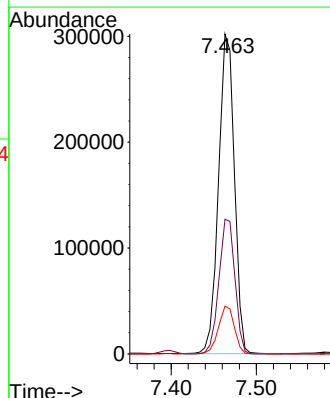
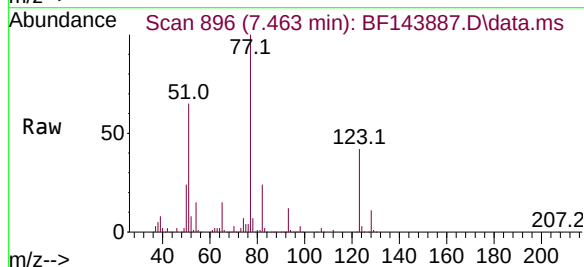
Tgt Ion: 77 Resp: 390583

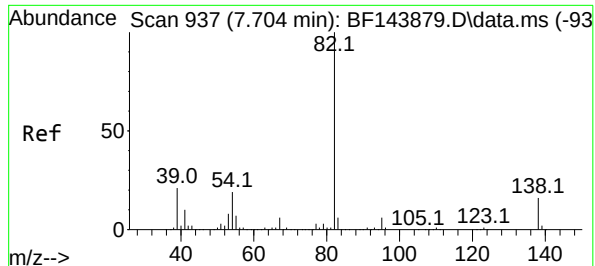
Ion Ratio Lower Upper

77 100

123 42.1 34.2 51.4

65 14.9 11.0 16.6





#25

Isophorone

Concen: 41.991 ng

RT: 7.704 min Scan# 937

Delta R.T. -0.017 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

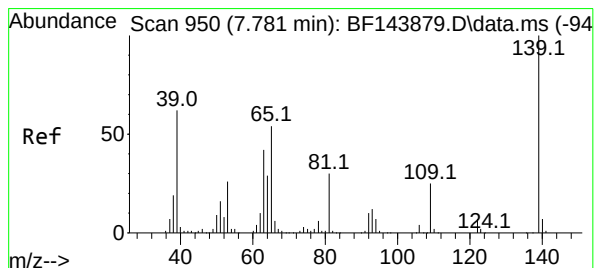
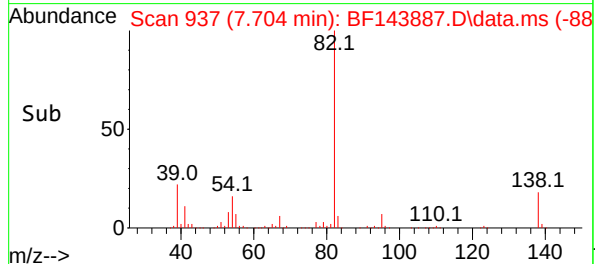
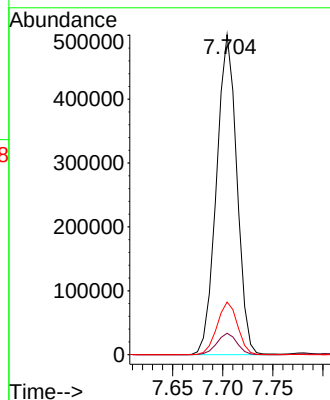
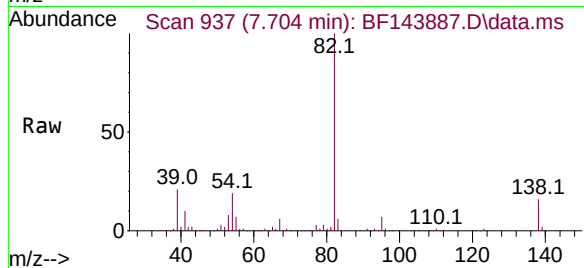
Tgt Ion: 82 Resp: 708842

Ion Ratio Lower Upper

82 100

95 6.7 5.1 7.7

138 16.4 12.9 19.3



#26

2-Nitrophenol

Concen: 43.683 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

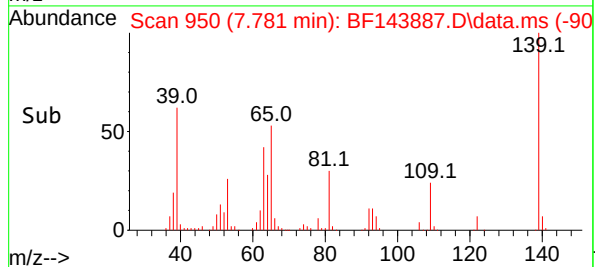
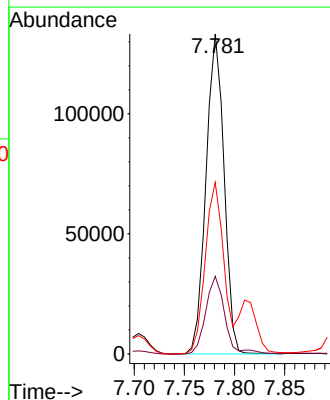
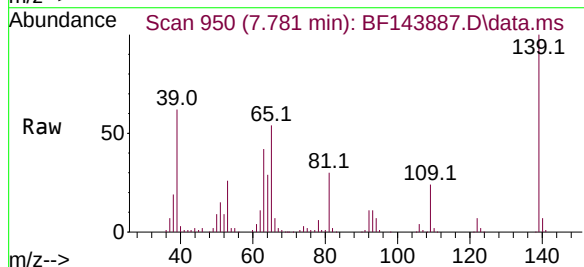
Tgt Ion:139 Resp: 166507

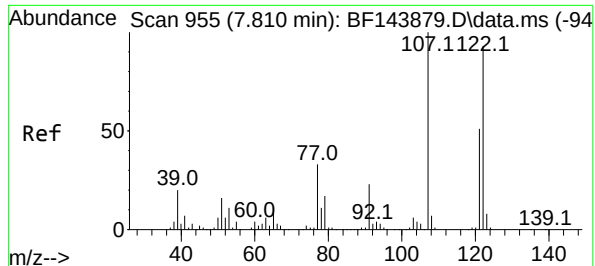
Ion Ratio Lower Upper

139 100

109 24.2 19.8 29.6

65 53.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 44.148 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

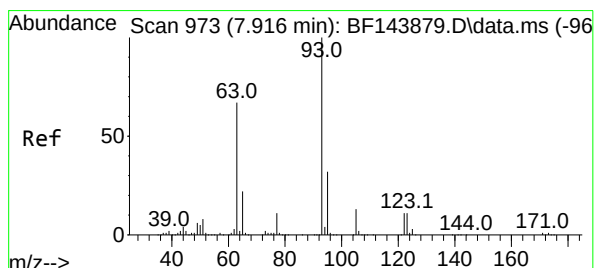
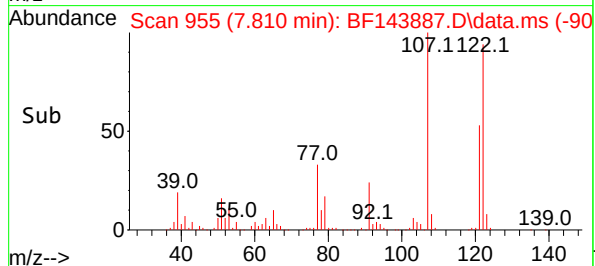
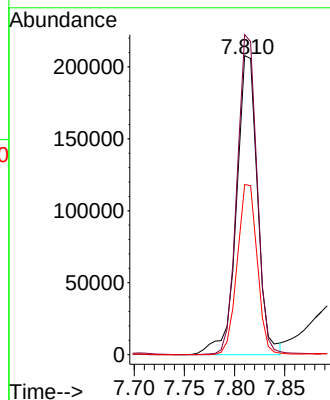
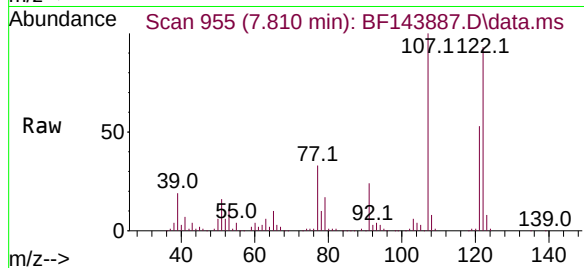
Tgt Ion:122 Resp: 302712

Ion Ratio Lower Upper

122 100

107 107.0 86.1 129.1

121 56.9 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.451 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

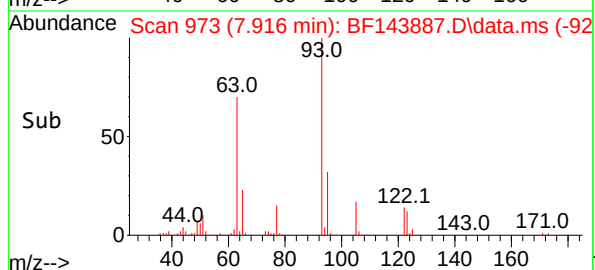
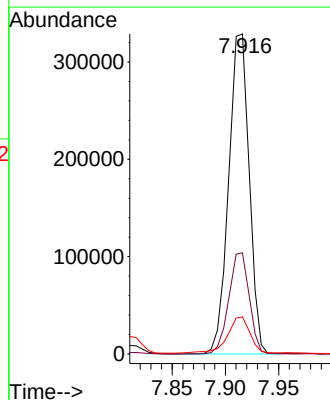
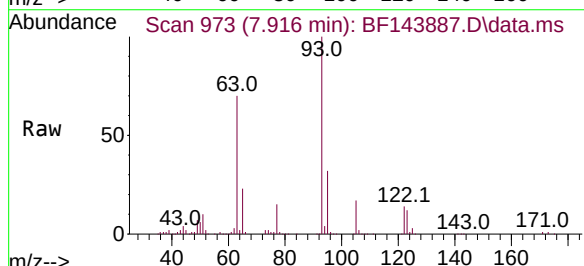
Tgt Ion: 93 Resp: 442013

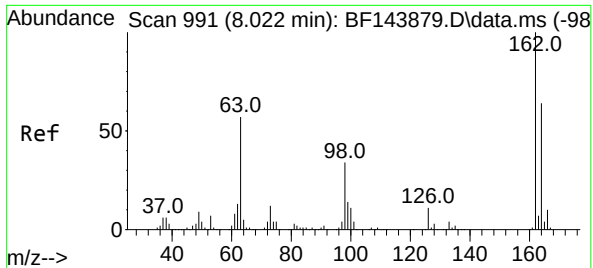
Ion Ratio Lower Upper

93 100

95 31.6 25.9 38.9

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.518 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

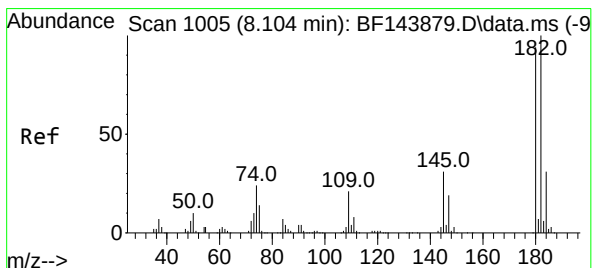
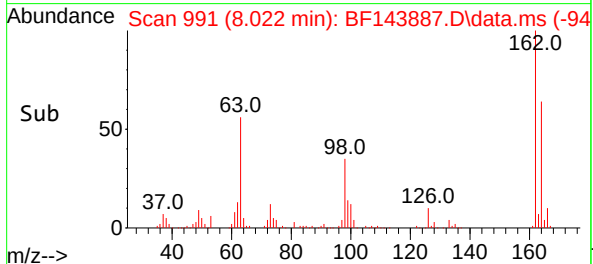
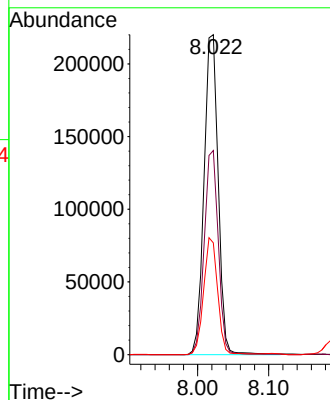
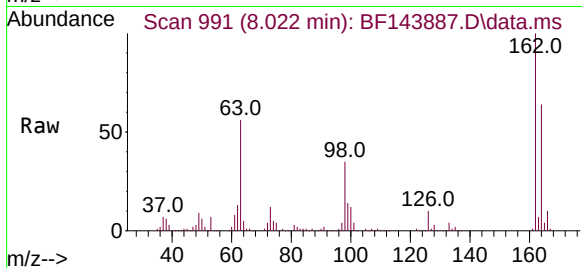
Tgt Ion:162 Resp: 303675

Ion Ratio Lower Upper

162 100

164 63.8 43.9 83.9

98 34.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 41.914 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

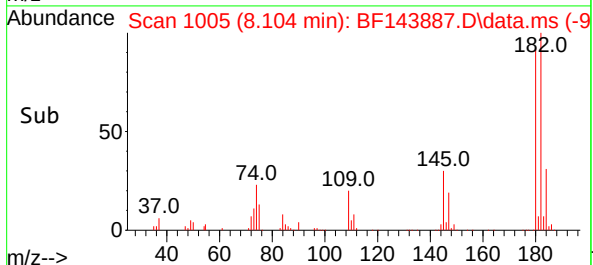
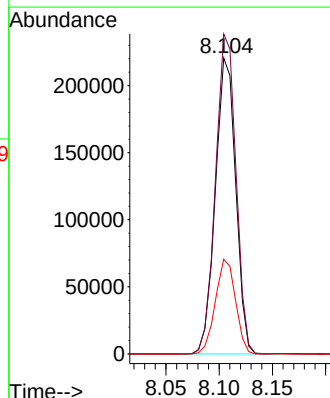
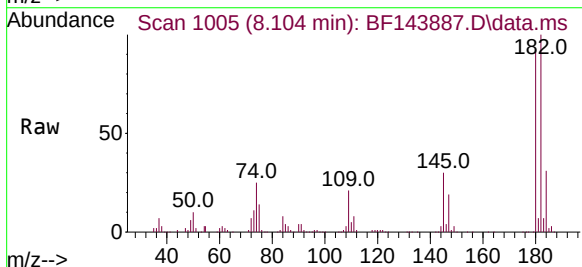
Tgt Ion:180 Resp: 294414

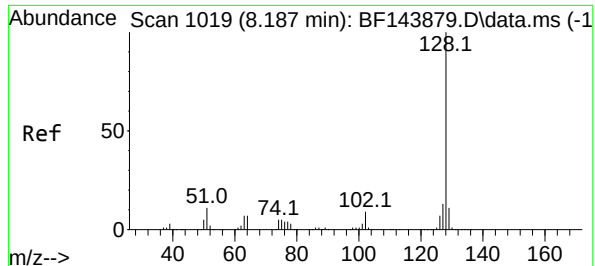
Ion Ratio Lower Upper

180 100

182 108.2 85.4 128.0

145 32.0 26.3 39.5





#31

Naphthalene

Concen: 42.050 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

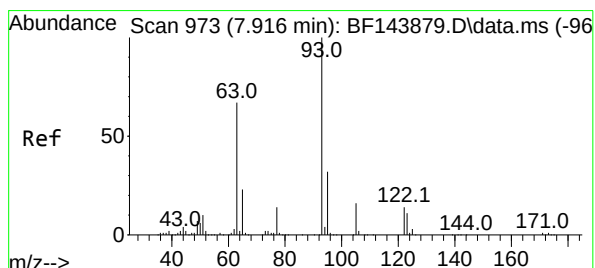
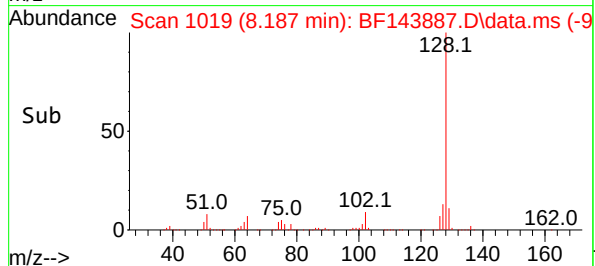
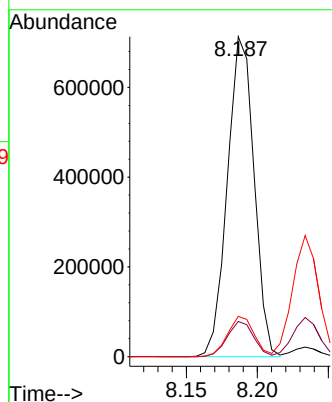
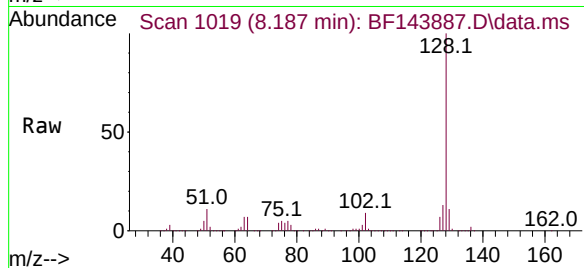
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 930403

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.6	10.0	15.0



#32

Benzoic acid

Concen: 40.574 ng

RT: 7.916 min Scan# 973

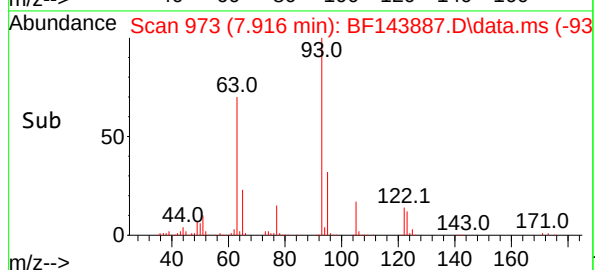
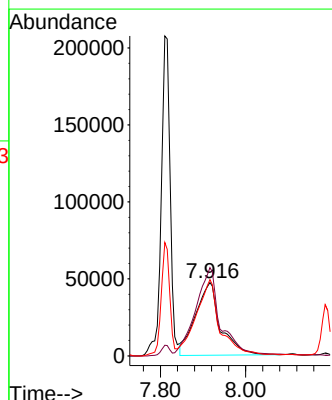
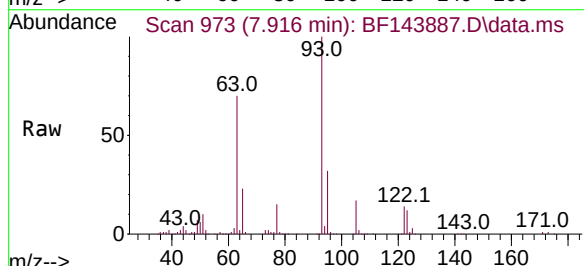
Delta R.T. -0.047 min

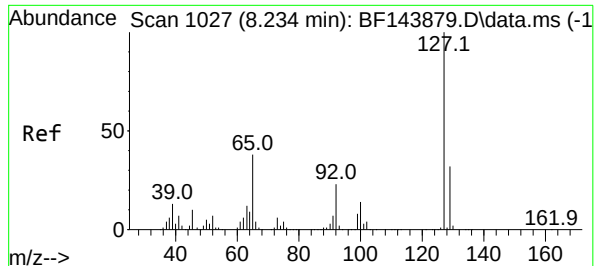
Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Tgt Ion:122 Resp: 192542

Ion	Ratio	Lower	Upper
122	100		
105	120.3	93.5	133.5
77	103.8	76.3	116.3





#33

4-Chloroaniline

Concen: 42.195 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 350152

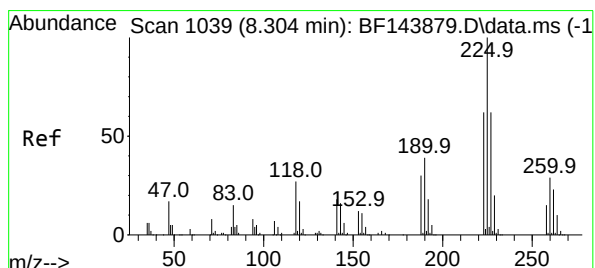
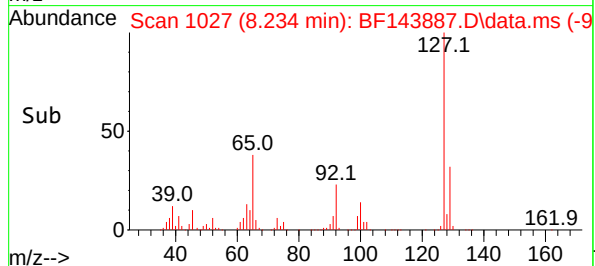
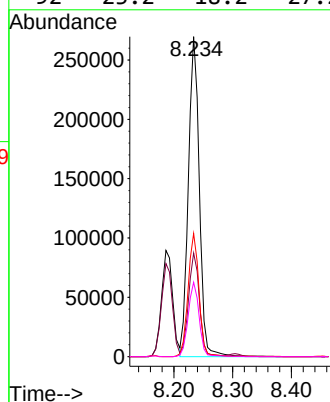
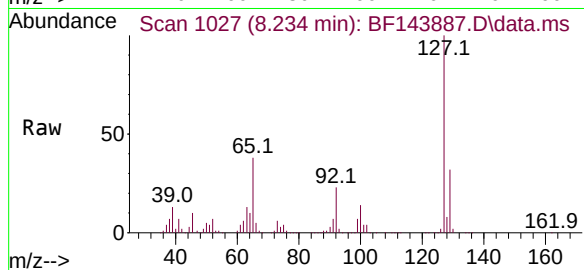
Ion Ratio Lower Upper

127 100

129 32.4 25.8 38.8

65 38.5 30.0 45.0

92 23.2 18.2 27.2



#34

Hexachlorobutadiene

Concen: 43.101 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

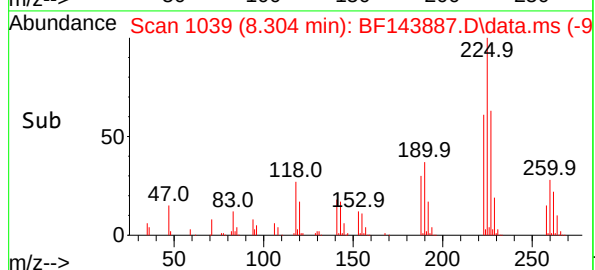
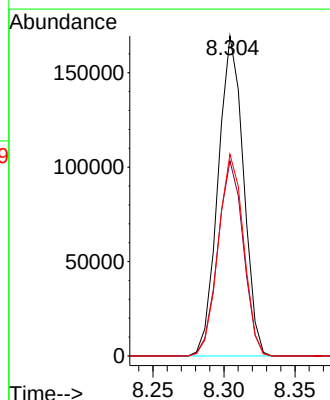
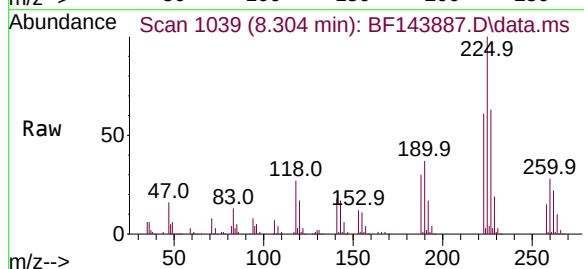
Tgt Ion:225 Resp: 210381

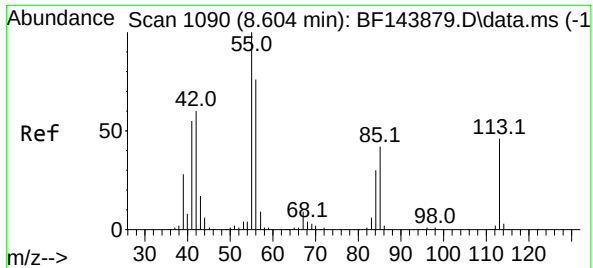
Ion Ratio Lower Upper

225 100

223 60.9 49.4 74.2

227 63.0 49.7 74.5

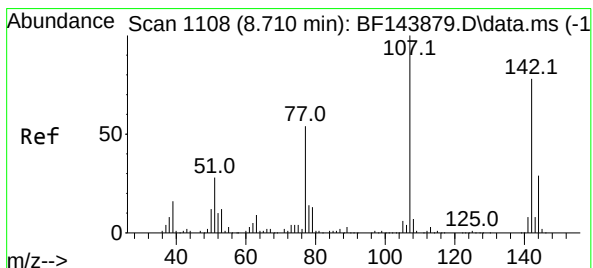
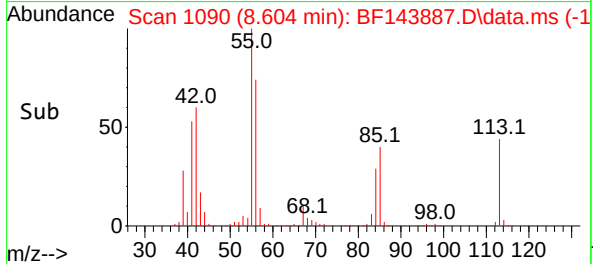
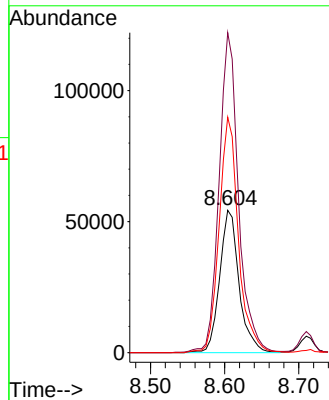
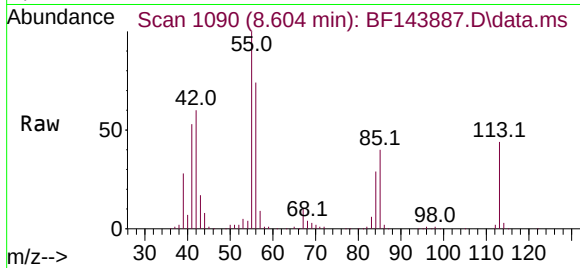




#35
Caprolactam
Concen: 43.527 ng
RT: 8.604 min Scan# 1090
Delta R.T. -0.041 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

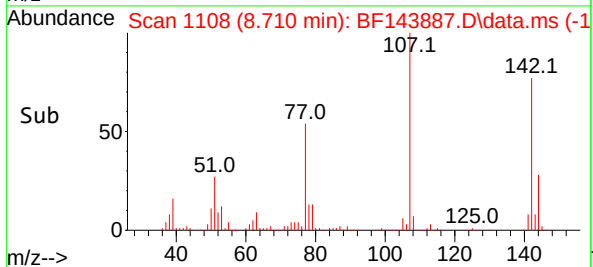
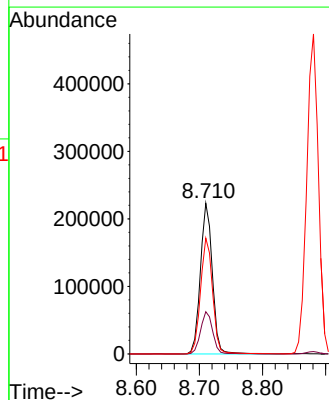
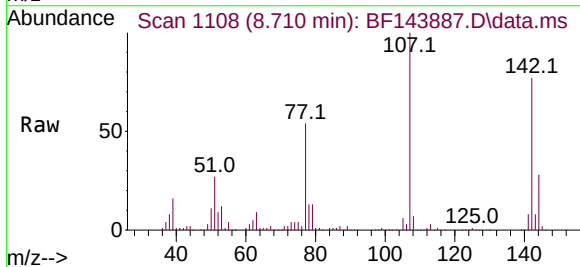
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

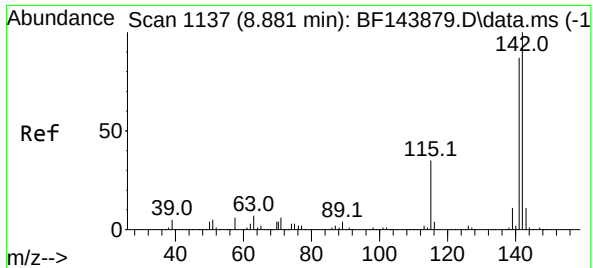
Tgt Ion	Ratio	Lower	Upper
113	100		
55	224.7	199.6	239.6
56	165.3	146.0	186.0



#36
4-Chloro-3-methylphenol
Concen: 42.870 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	23.1	34.7
142	76.9	62.6	94.0

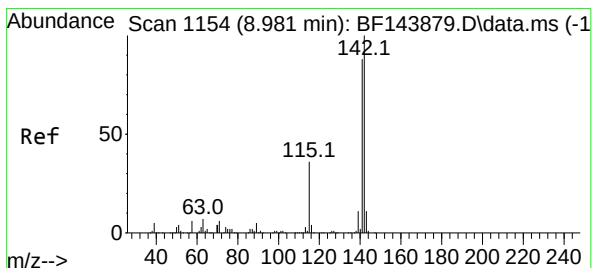
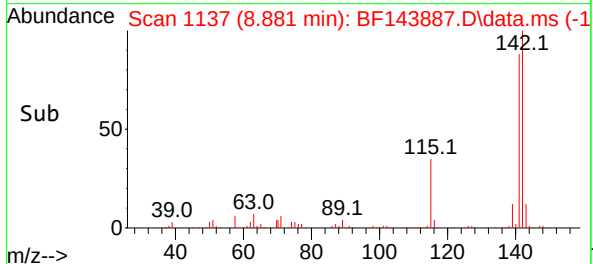
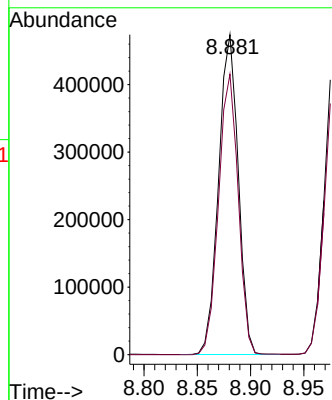
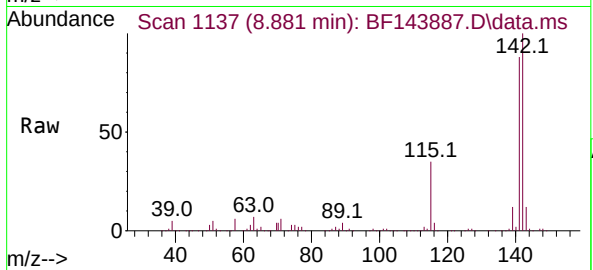




#37
2-Methylnaphthalene
Concen: 41.333 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

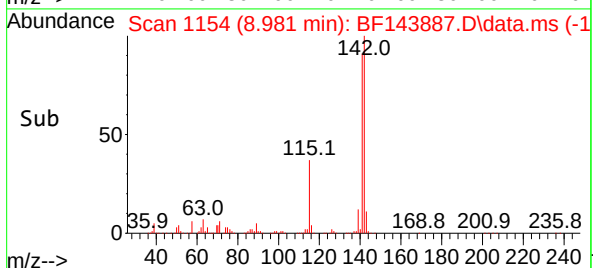
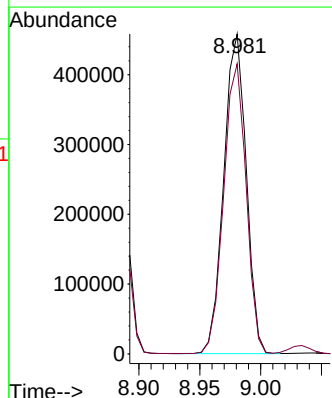
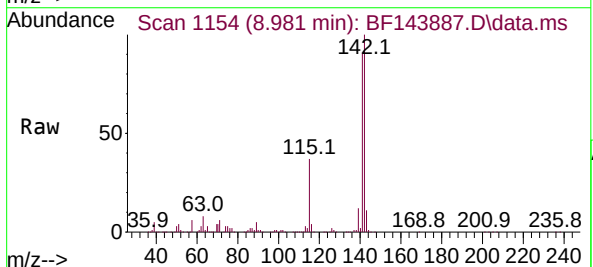
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

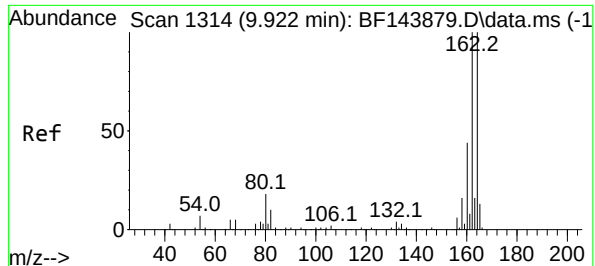
Tgt Ion:142 Resp: 609199
Ion Ratio Lower Upper
142 100
141 87.6 69.2 103.8



#38
1-Methylnaphthalene
Concen: 41.105 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:142 Resp: 587648
Ion Ratio Lower Upper
142 100
141 90.7 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

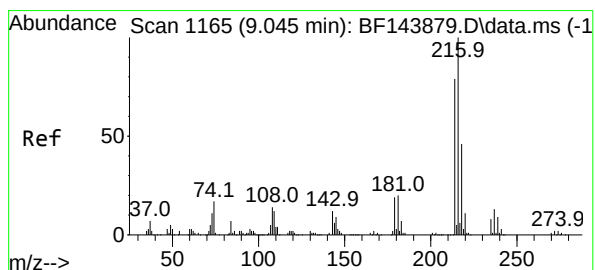
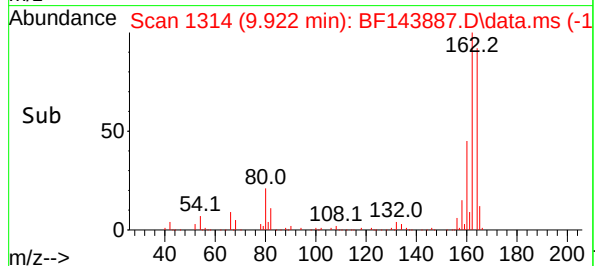
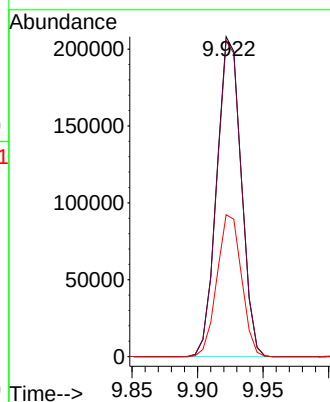
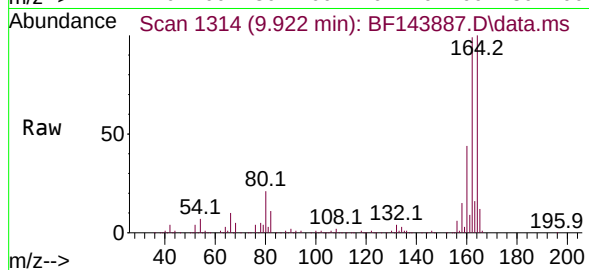
Tgt Ion:164 Resp: 269911

Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.2

160 44.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.454 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Tgt Ion:216 Resp: 309244

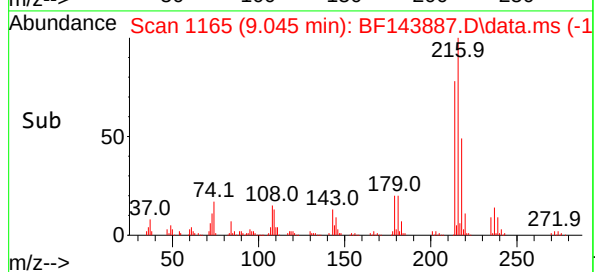
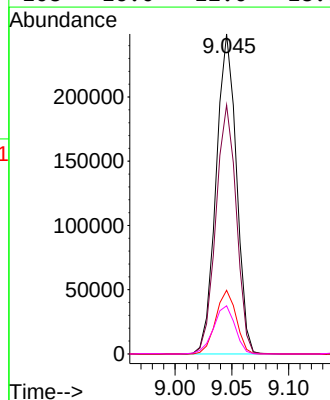
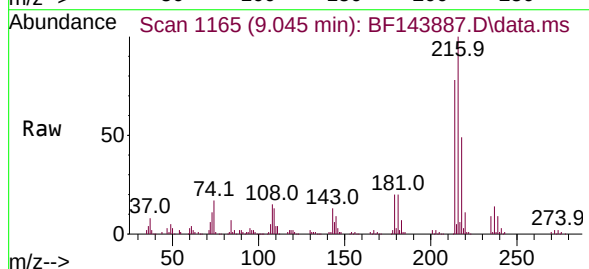
Ion Ratio Lower Upper

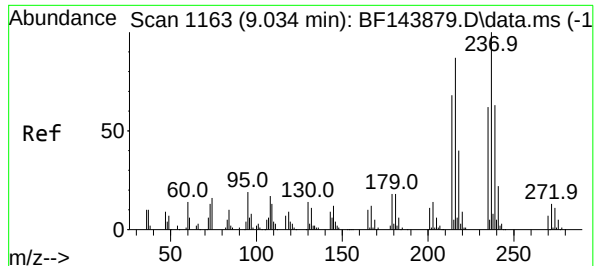
216 100

214 78.3 62.6 94.0

179 19.9 15.4 23.0

108 16.0 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 42.564 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

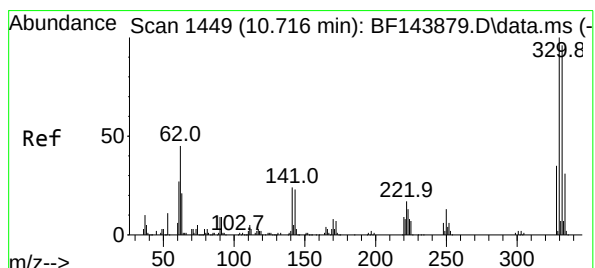
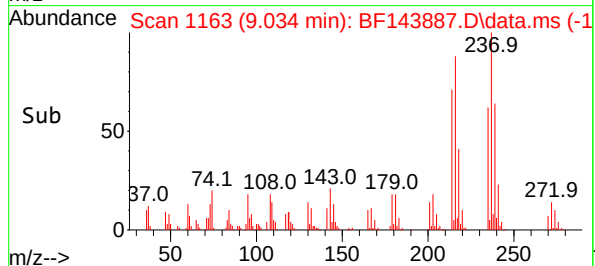
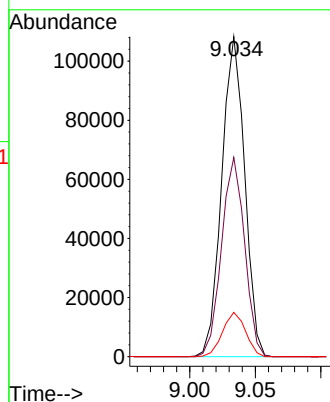
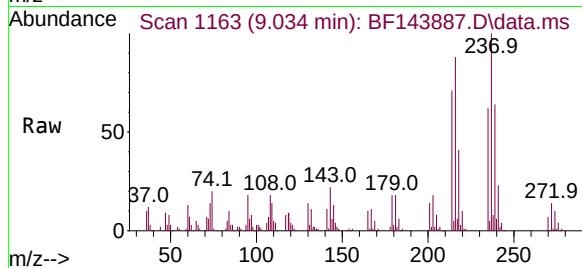
Tgt Ion:237 Resp: 131730

Ion Ratio Lower Upper

237 100

235 62.2 42.3 82.3

272 13.8 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 85.402 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

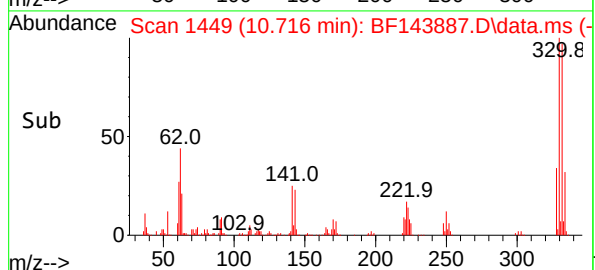
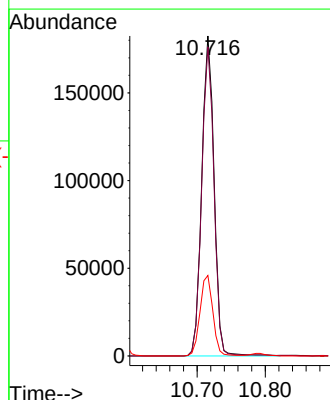
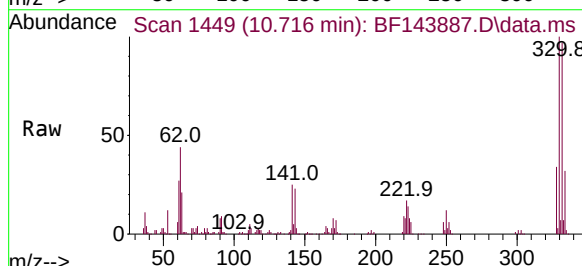
Tgt Ion:330 Resp: 229593

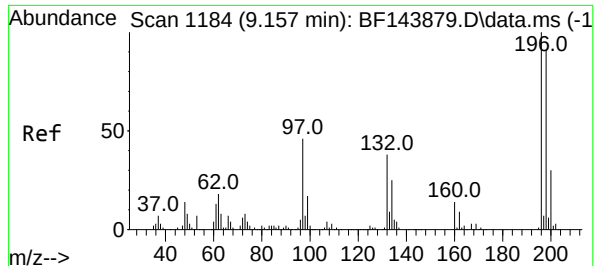
Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 26.2 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 42.423 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

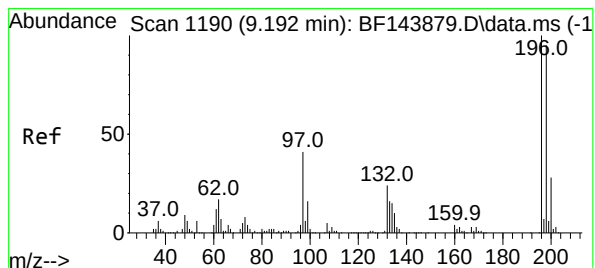
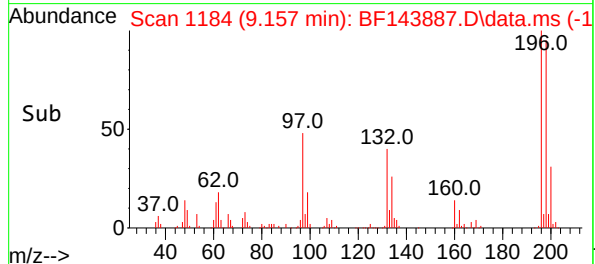
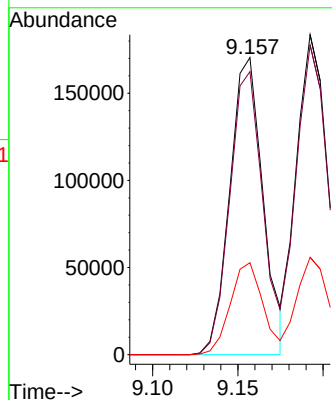
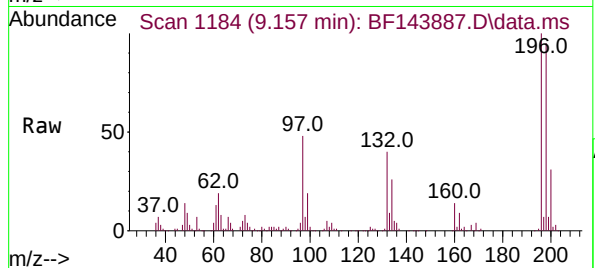
Tgt Ion:196 Resp: 231235

Ion Ratio Lower Upper

196 100

198 95.3 72.8 109.2

200 31.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 40.751 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Tgt Ion:196 Resp: 234730

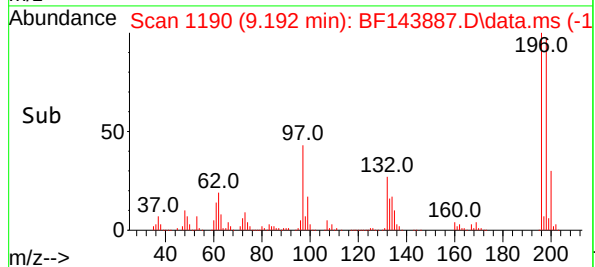
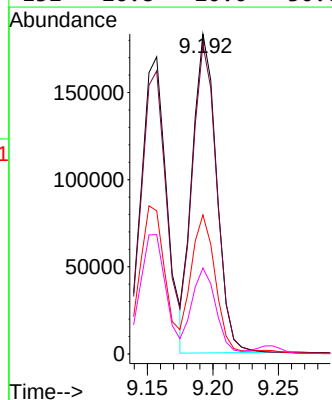
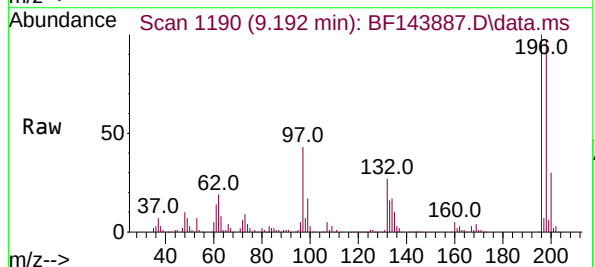
Ion Ratio Lower Upper

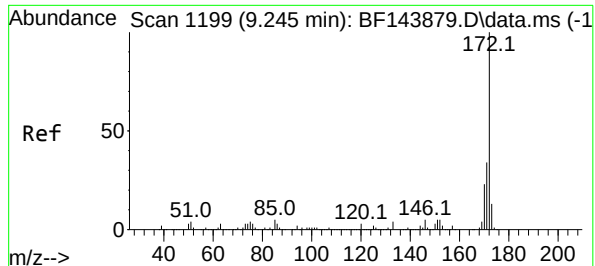
196 100

198 96.7 75.5 113.3

97 43.4 33.9 50.9

132 26.8 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 75.968 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

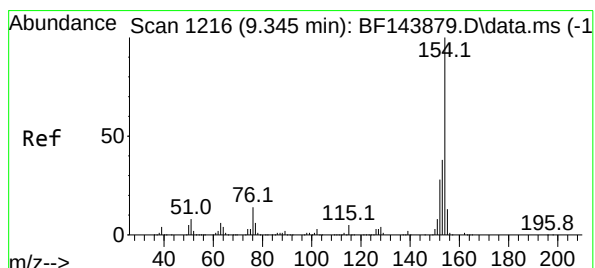
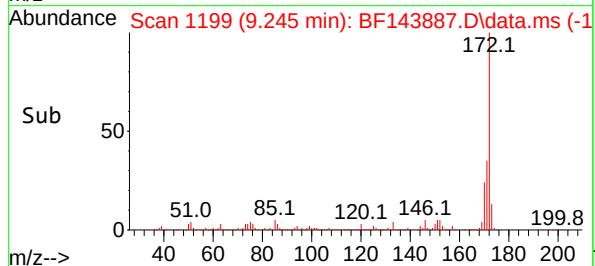
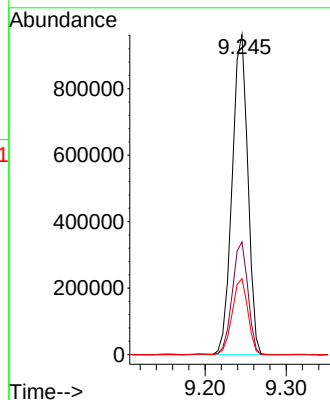
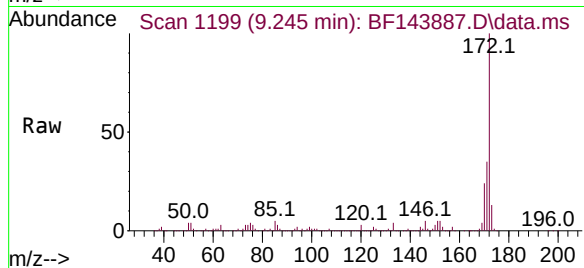
Tgt Ion:172 Resp: 1292253

Ion Ratio Lower Upper

172 100

171 35.2 27.4 41.0

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 41.233 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

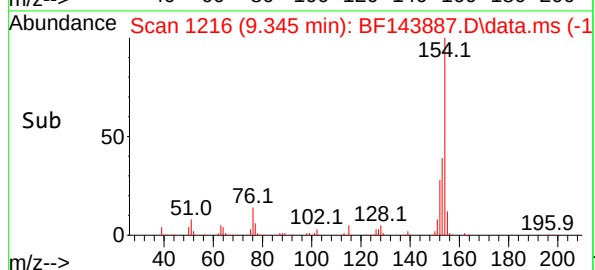
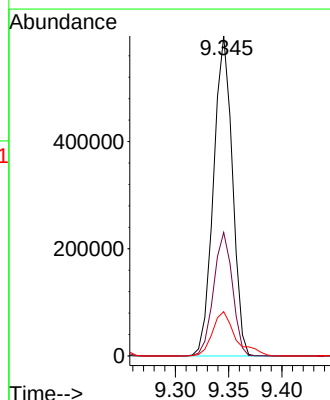
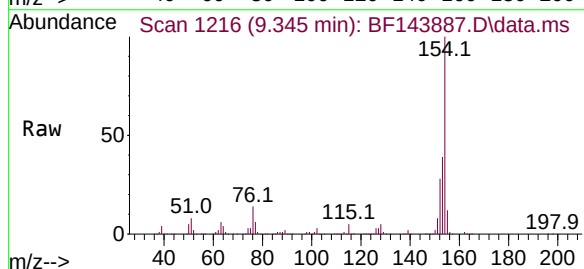
Tgt Ion:154 Resp: 736853

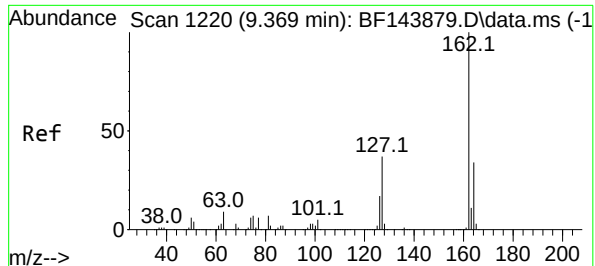
Ion Ratio Lower Upper

154 100

153 38.6 18.4 58.4

76 13.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 41.551 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

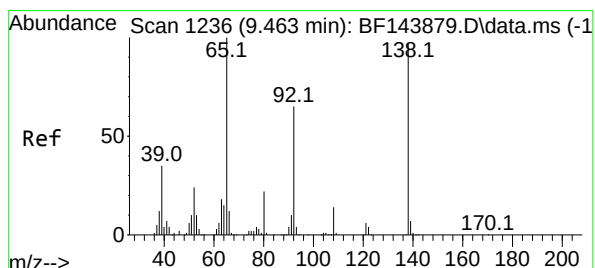
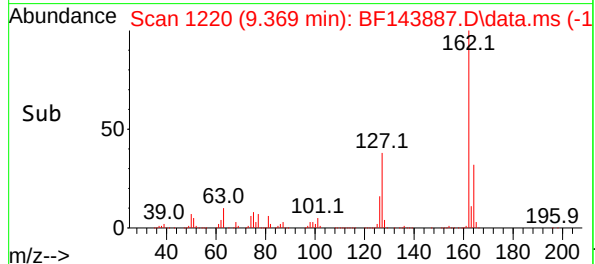
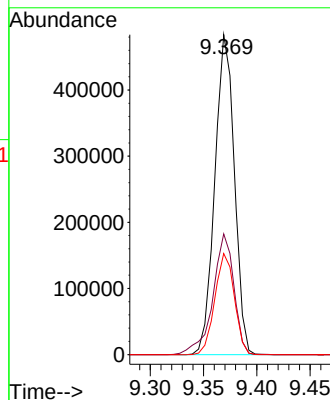
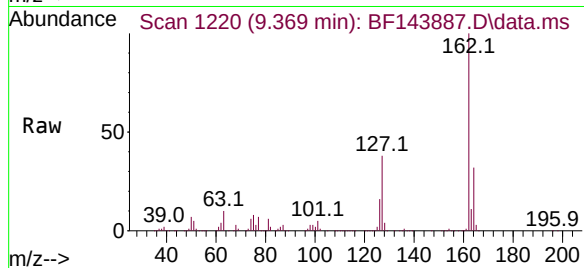
Tgt Ion:162 Resp: 619098

Ion Ratio Lower Upper

162 100

127 37.7 30.2 45.2

164 31.6 26.9 40.3



#48

2-Nitroaniline

Concen: 45.114 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

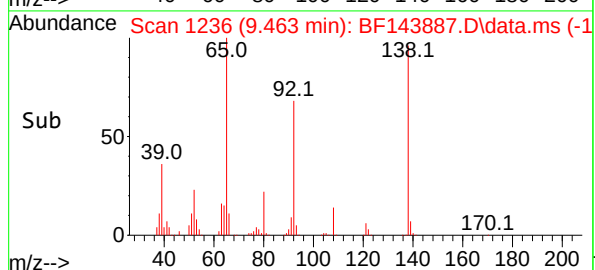
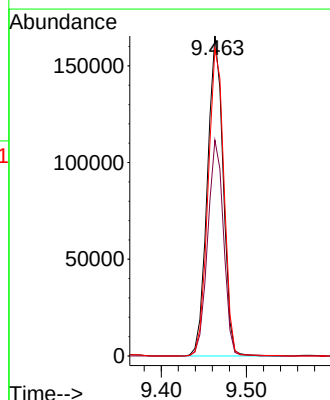
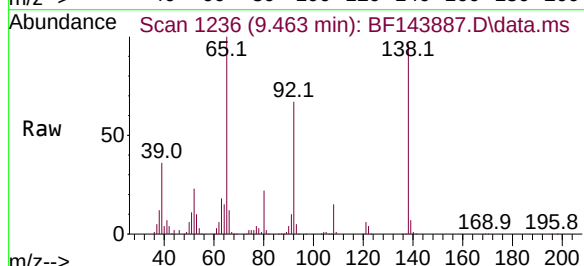
Tgt Ion: 65 Resp: 212517

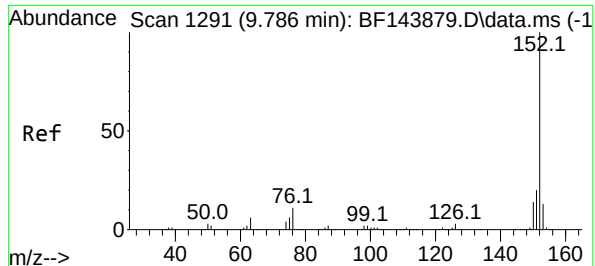
Ion Ratio Lower Upper

65 100

92 67.4 52.1 78.1

138 96.0 77.4 116.2





#49

Acenaphthylene

Concen: 42.158 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143887.D

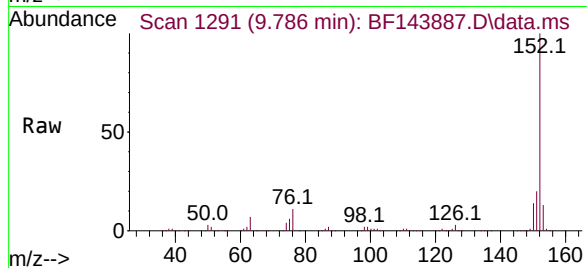
Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



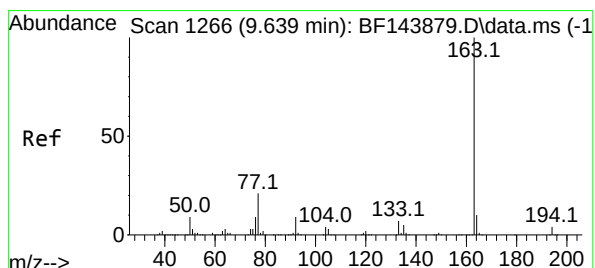
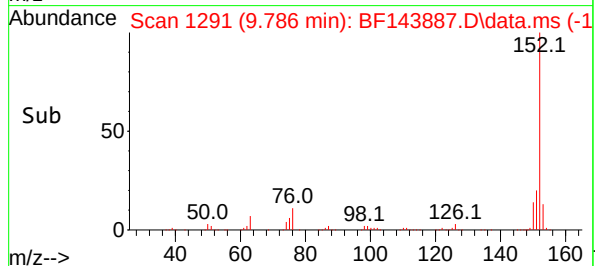
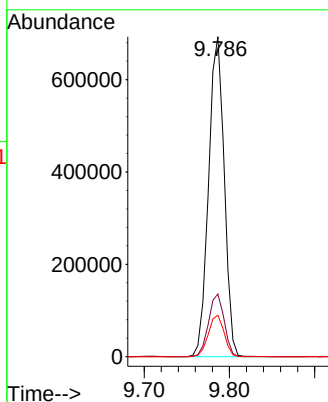
Tgt Ion:152 Resp: 883075

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 41.746 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

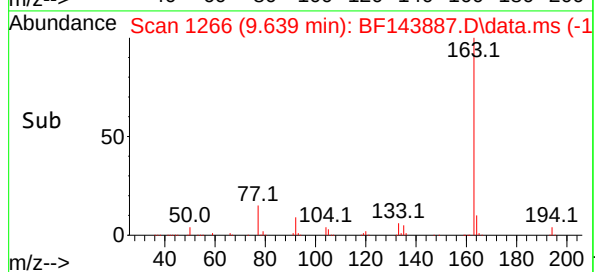
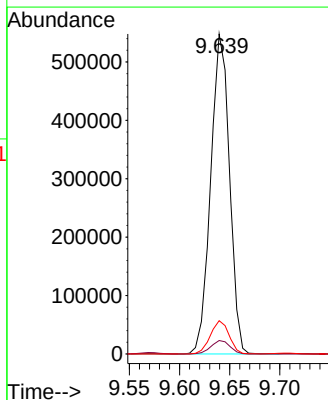
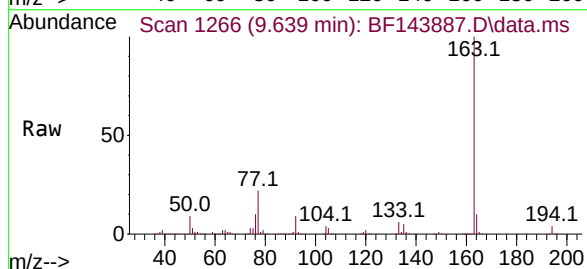
Tgt Ion:163 Resp: 715543

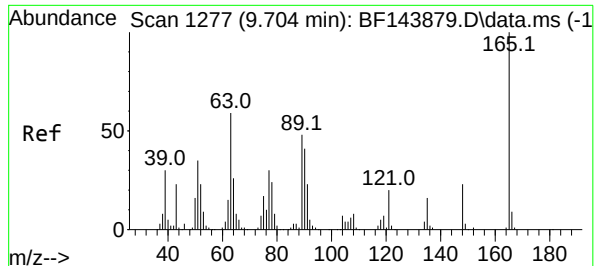
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.4 8.1 12.1

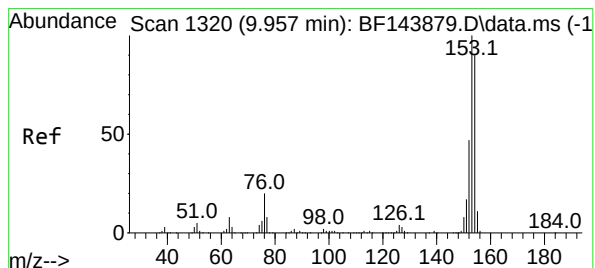
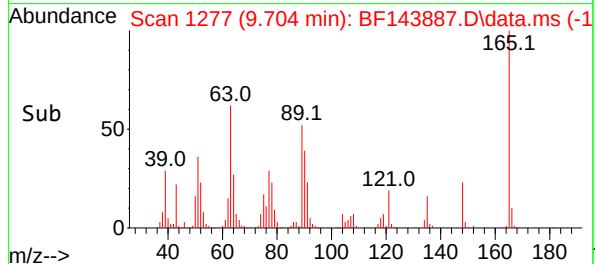
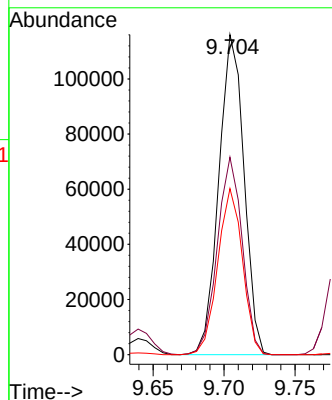
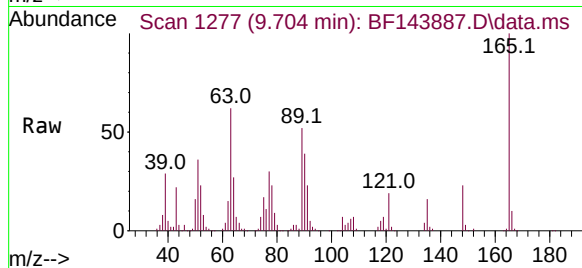




#51
2,6-Dinitrotoluene
Concen: 45.132 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

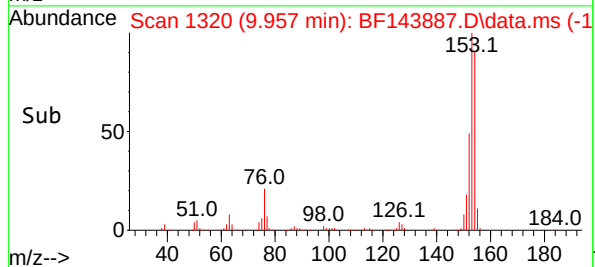
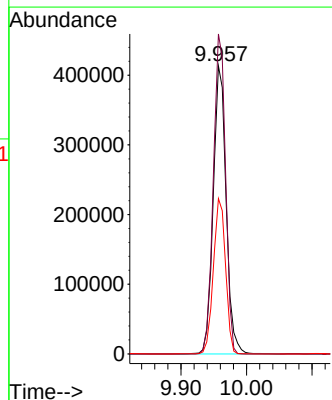
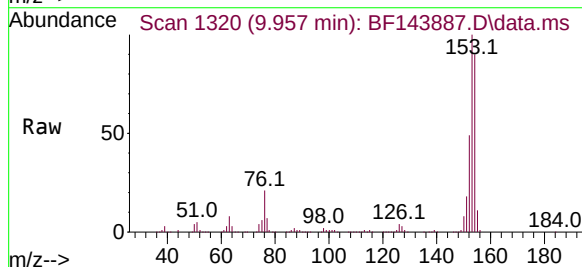
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

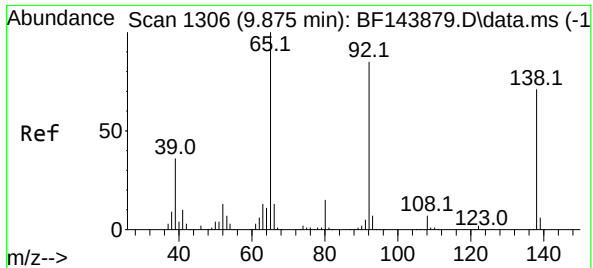
Tgt Ion:165 Resp: 143448
Ion Ratio Lower Upper
165 100
63 61.7 47.3 70.9
89 51.9 38.2 57.4



#52
Acenaphthene
Concen: 41.185 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:154 Resp: 565291
Ion Ratio Lower Upper
154 100
153 111.1 89.3 133.9
152 53.9 42.2 63.2

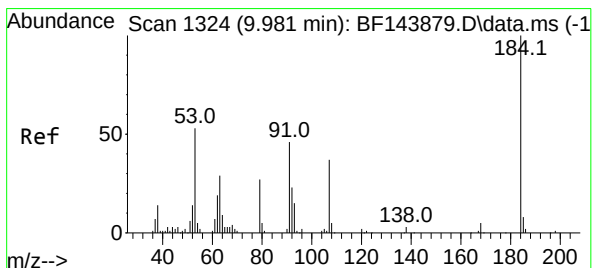
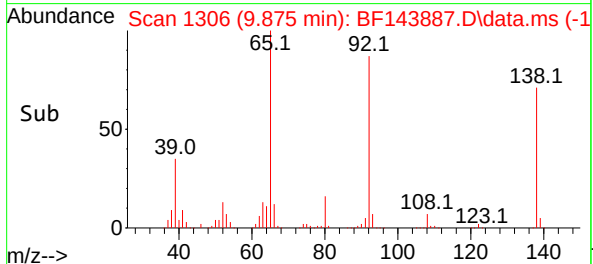
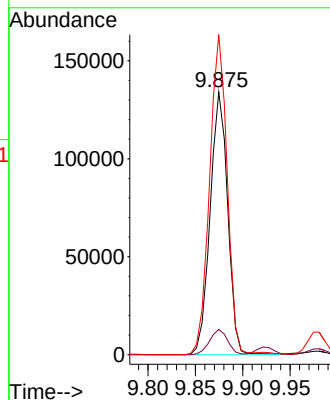
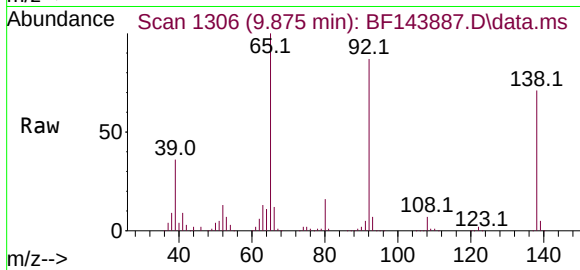




#53
3-Nitroaniline
Concen: 44.400 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

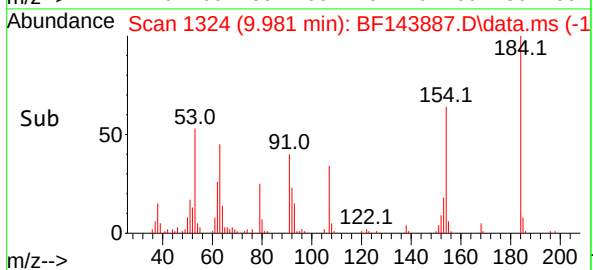
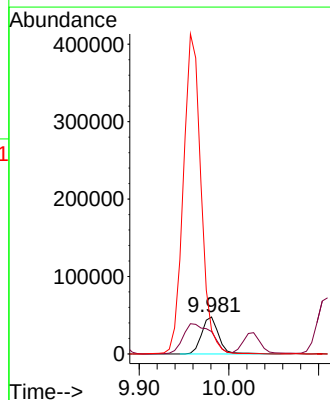
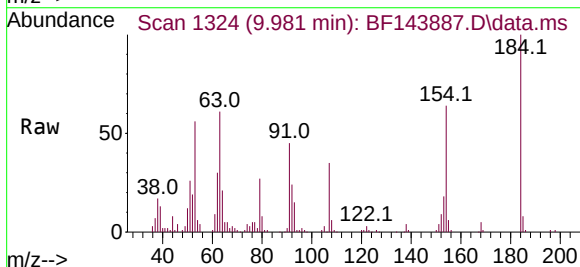
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

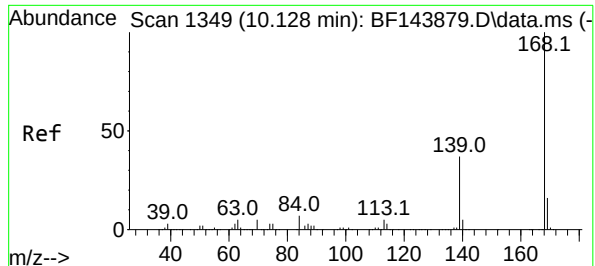
Tgt Ion:138 Resp: 172795
Ion Ratio Lower Upper
138 100
108 9.6 8.3 12.5
92 121.8 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 35.918 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:184 Resp: 62208
Ion Ratio Lower Upper
184 100
63 60.5 48.2 72.4
154 64.5 49.2 73.8





#55

Dibenzofuran

Concen: 41.394 ng

RT: 10.134 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

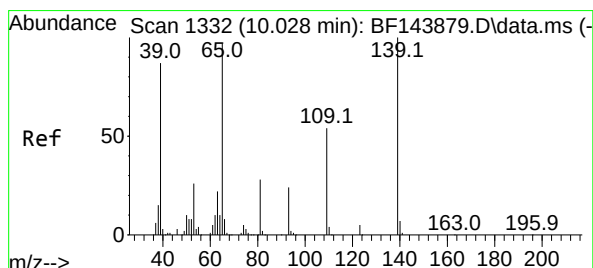
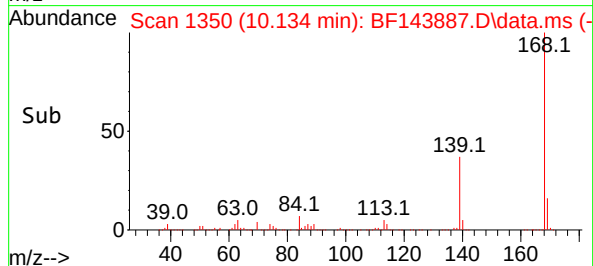
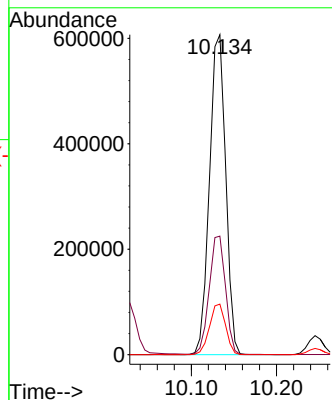
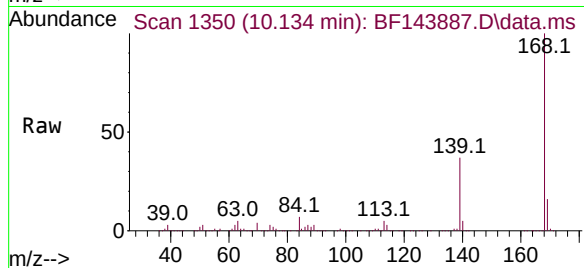
Tgt Ion:168 Resp: 802029

Ion Ratio Lower Upper

168 100

139 37.0 29.8 44.8

169 15.8 12.8 19.2



#56

4-Nitrophenol

Concen: 44.805 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.011 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

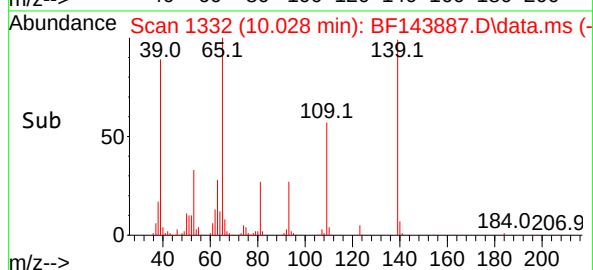
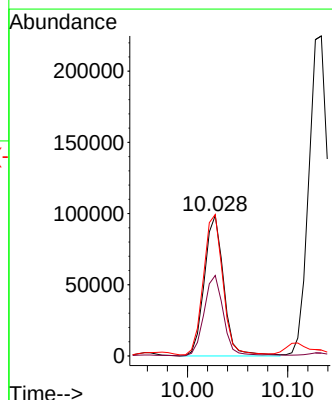
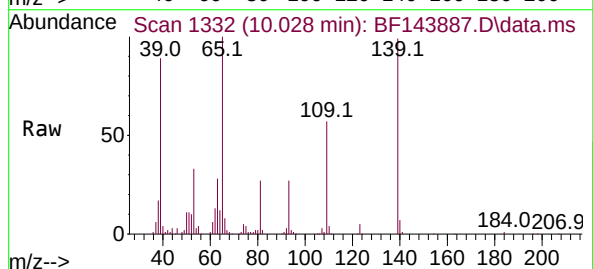
Tgt Ion:139 Resp: 132028

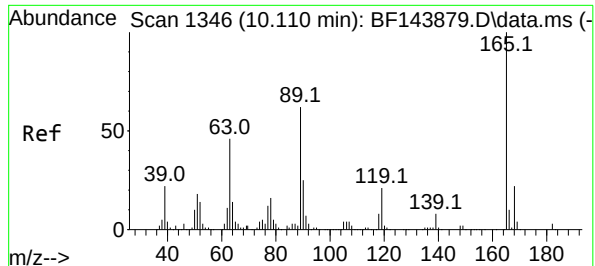
Ion Ratio Lower Upper

139 100

109 57.3 34.5 74.5

65 100.7 77.6 117.6

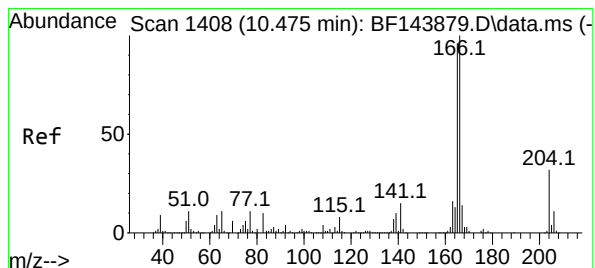
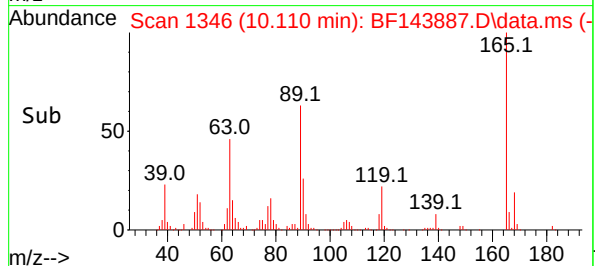
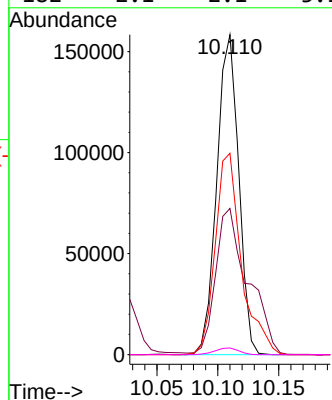
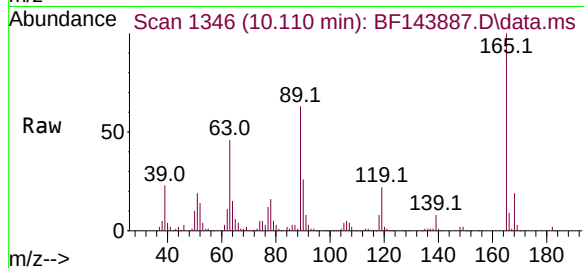




#57
2,4-Dinitrotoluene
Concen: 45.790 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

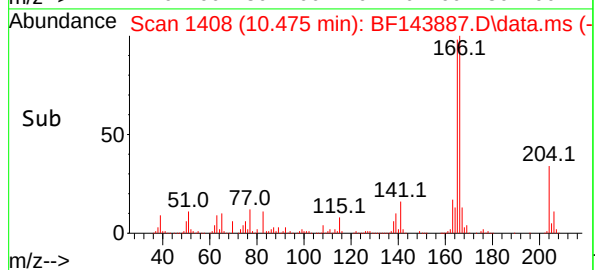
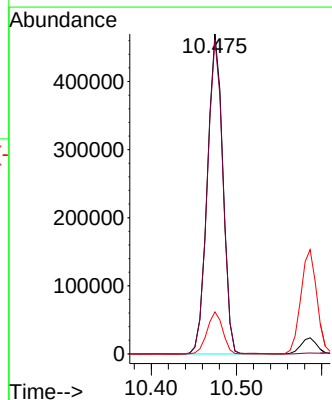
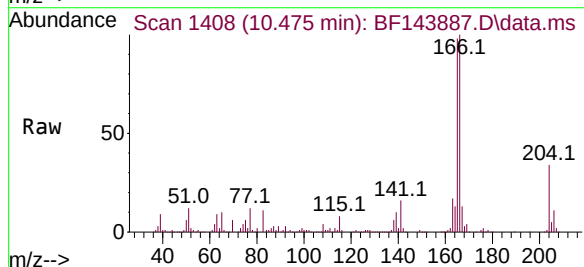
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

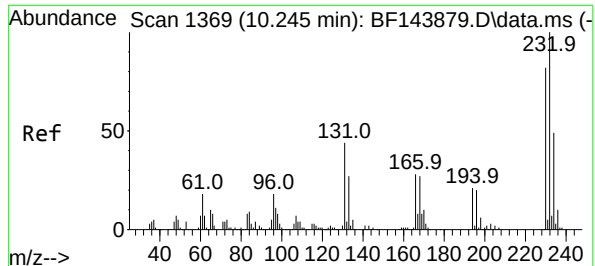
Tgt Ion:165 Resp: 198021
Ion Ratio Lower Upper
165 100
63 45.7 37.2 55.8
89 62.9 49.4 74.2
182 2.1 2.1 3.1



#58
Fluorene
Concen: 40.611 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:166 Resp: 593723
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 13.1 11.1 16.7

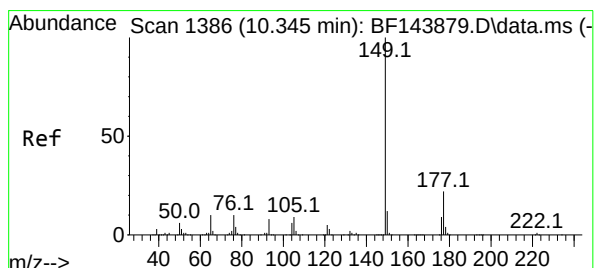
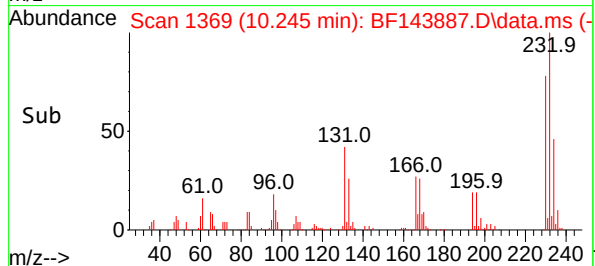
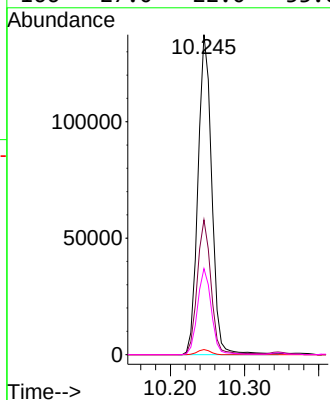
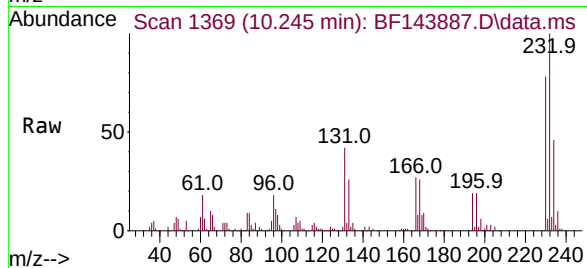




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.461 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

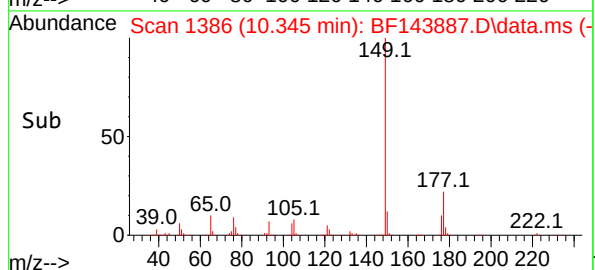
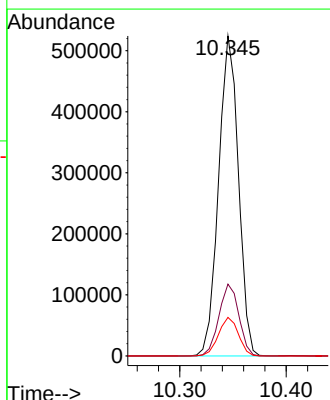
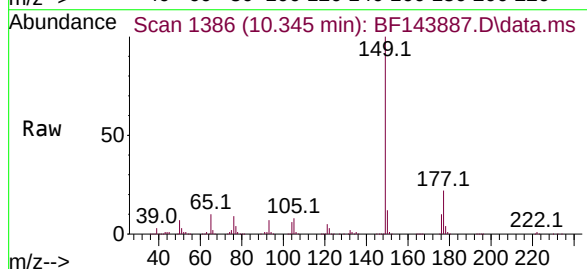
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

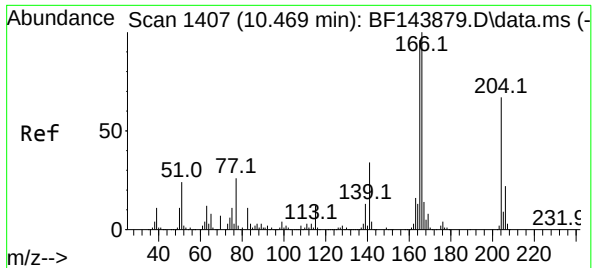
Tgt Ion:232 Resp: 177212
Ion Ratio Lower Upper
232 100
131 42.4 34.9 52.3
130 1.5 1.6 2.4#
166 27.0 22.0 33.0



#60
Diethylphthalate
Concen: 42.707 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:149 Resp: 680061
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.0 9.8 14.8

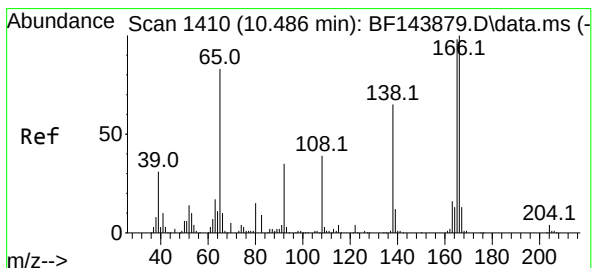
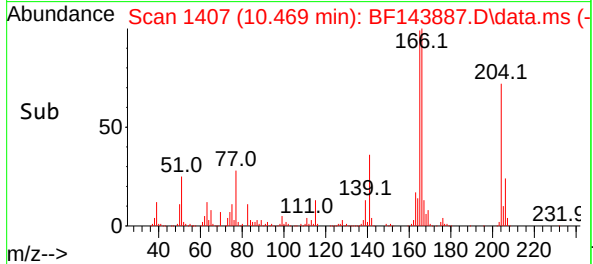
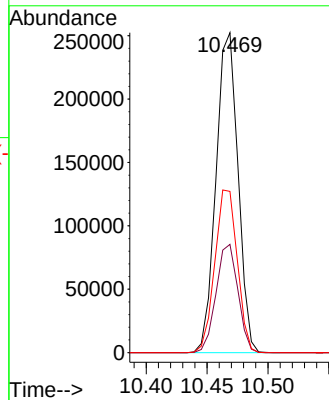
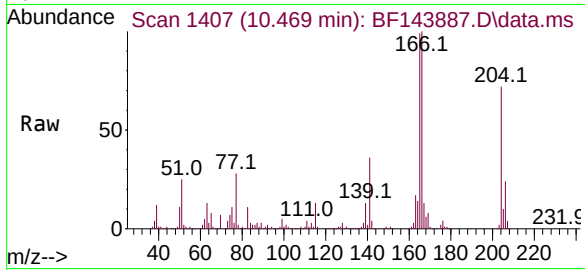




#61
4-Chlorophenyl-phenylether
Concen: 41.005 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

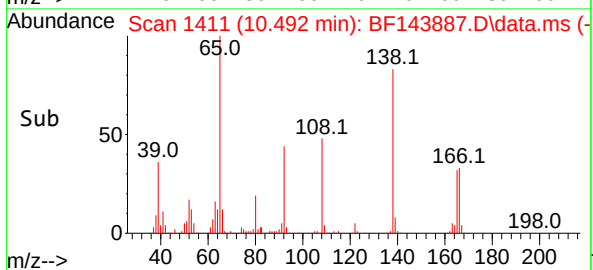
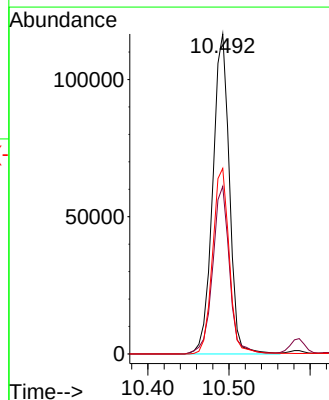
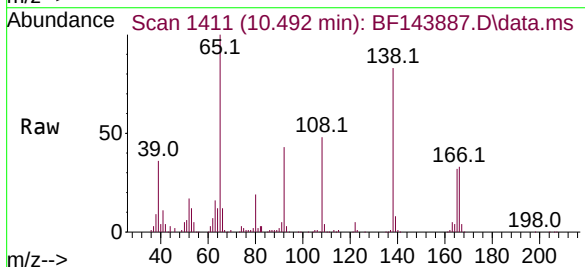
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

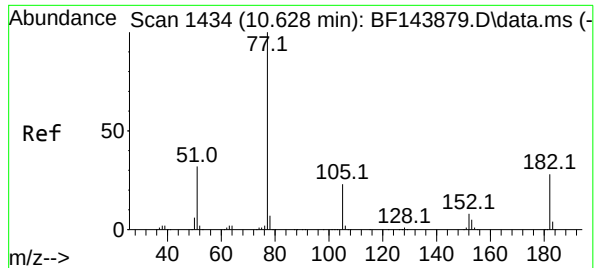
Tgt Ion:204 Resp: 316950
Ion Ratio Lower Upper
204 100
206 33.8 26.6 40.0
141 50.4 40.4 60.6



#62
4-Nitroaniline
Concen: 44.364 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:138 Resp: 166030
Ion Ratio Lower Upper
138 100
92 52.3 33.9 73.9
108 58.0 40.2 80.2

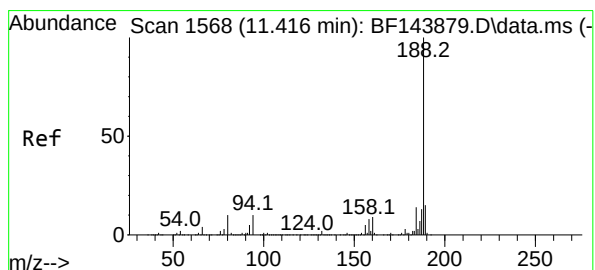
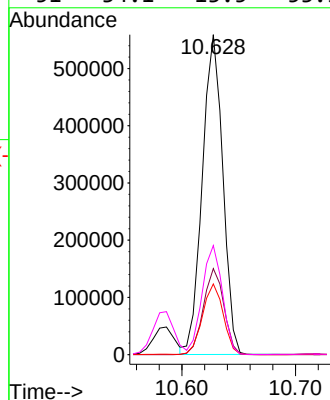
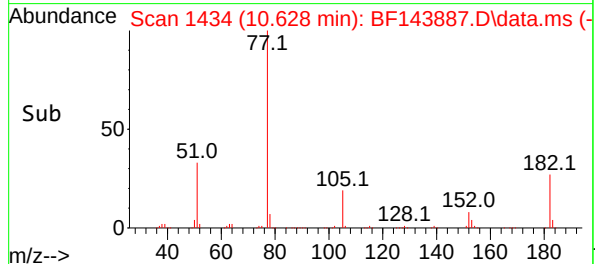
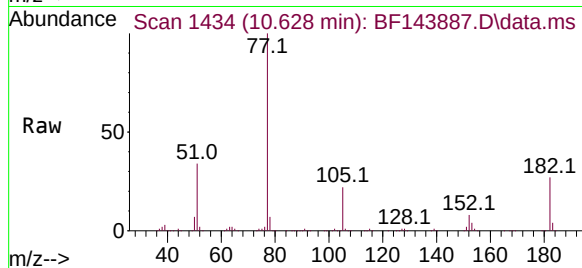




#63
Azobenzene
Concen: 42.174 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

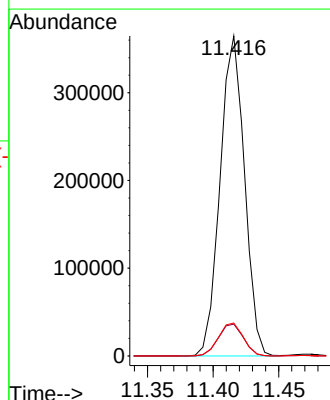
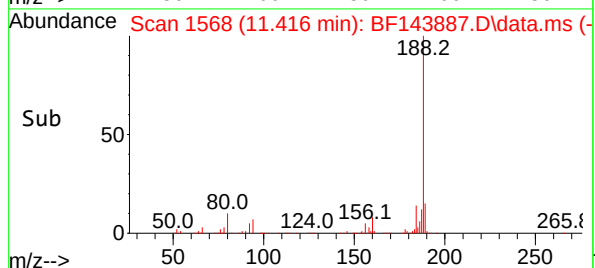
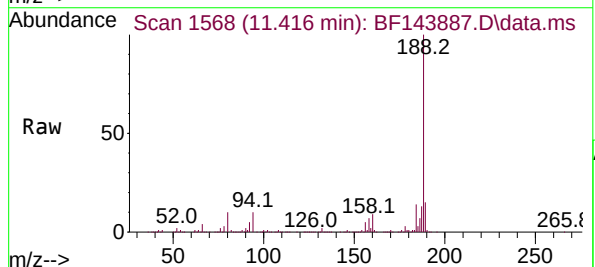
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

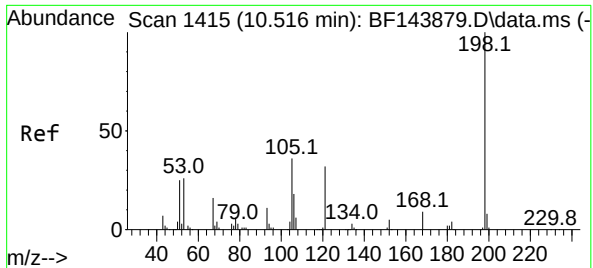
Tgt Ion: 77 Resp: 701871
Ion Ratio Lower Upper
77 100
182 26.9 7.3 47.3
105 22.1 3.0 43.0
51 34.1 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:188 Resp: 472445
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.3 7.9 11.9

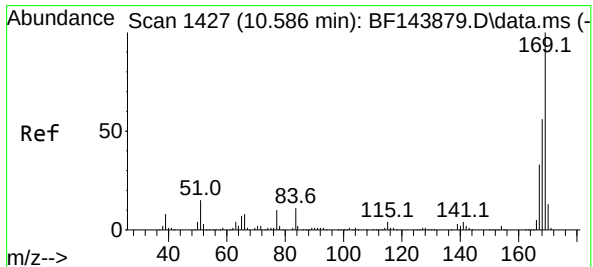
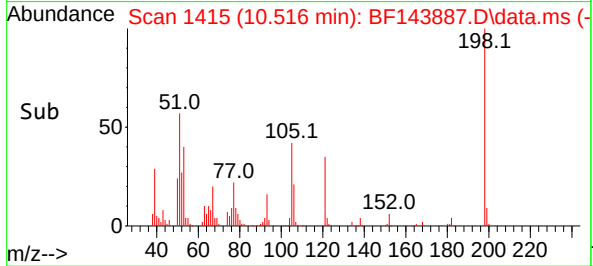
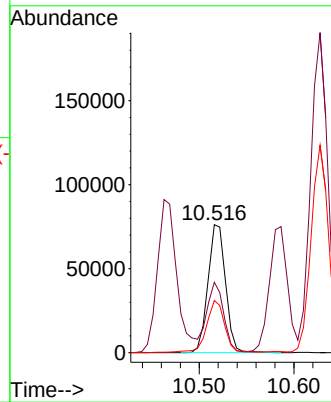
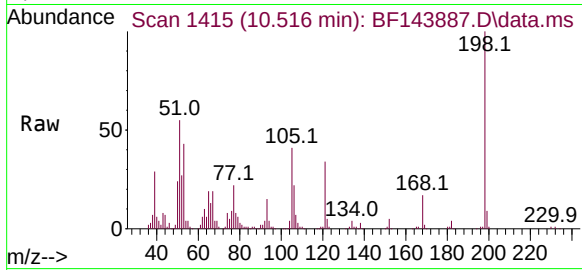




#65
4,6-Dinitro-2-methylphenol
Concen: 41.478 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

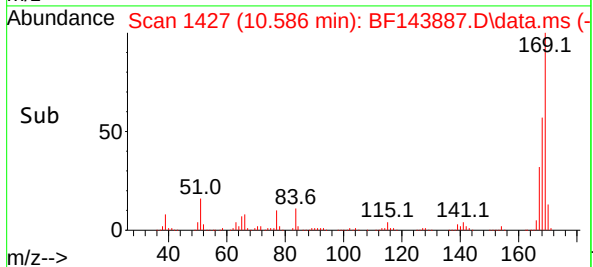
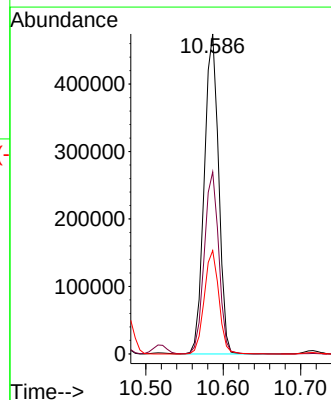
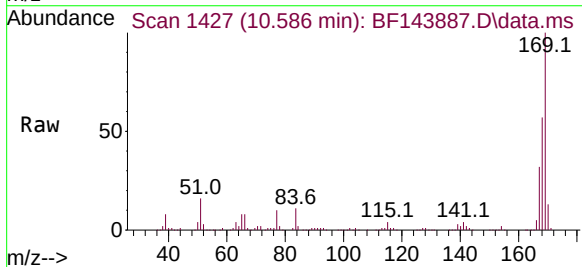
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

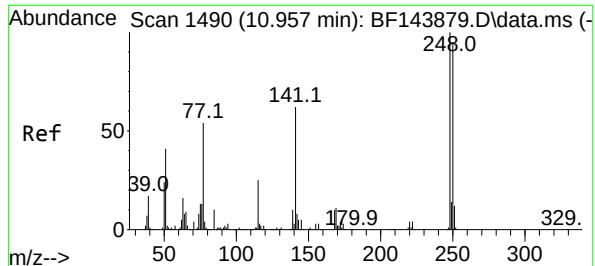
Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.0	33.8	73.8
105	40.7	17.0	57.0



#66
n-Nitrosodiphenylamine
Concen: 41.053 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	56.9	44.9	67.3
167	32.3	26.3	39.5

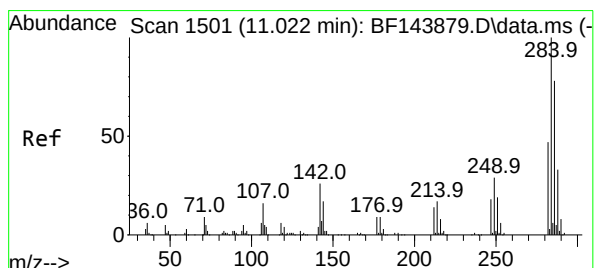
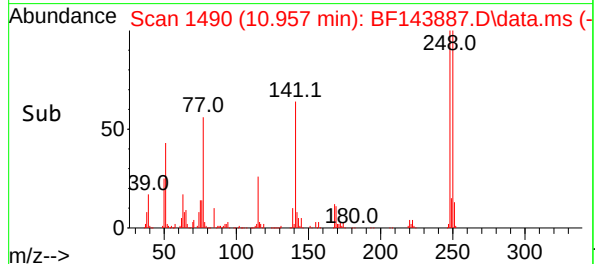
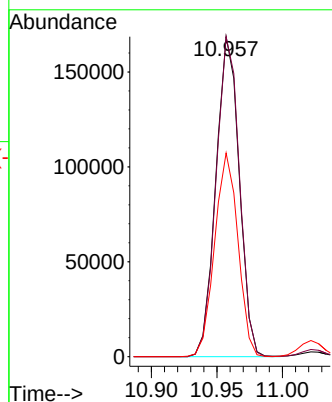
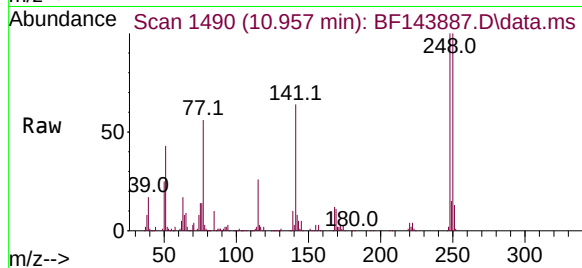




#67
4-Bromophenyl-phenylether
Concen: 40.007 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

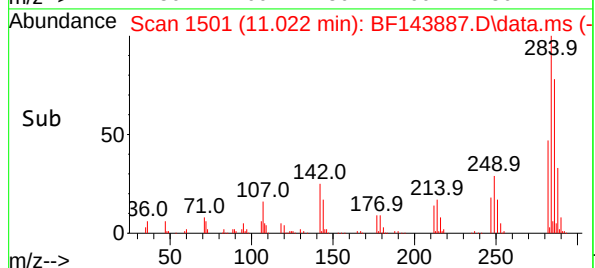
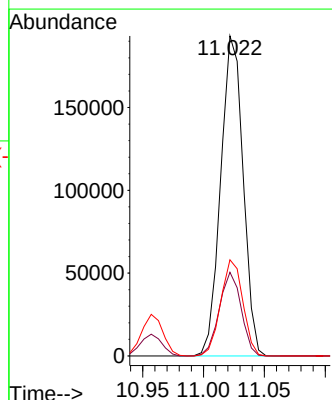
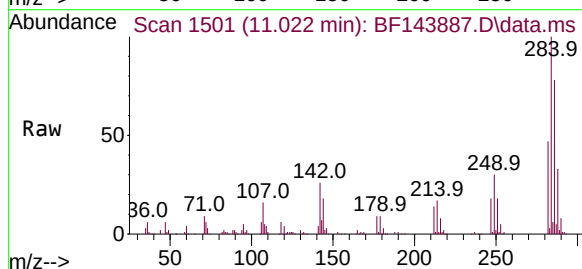
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

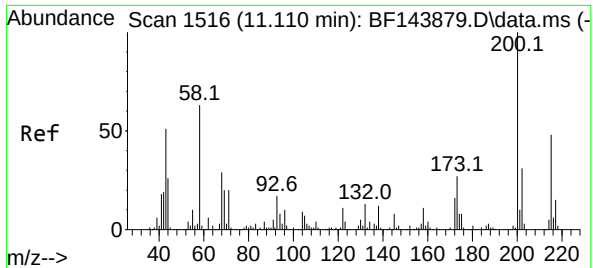
Tgt Ion:248 Resp: 208885
Ion Ratio Lower Upper
248 100
250 100.1 76.3 114.5
141 63.7 49.7 74.5



#68
Hexachlorobenzene
Concen: 40.915 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:284 Resp: 247319
Ion Ratio Lower Upper
284 100
142 26.1 20.6 30.8
249 30.0 23.2 34.8





#69

Atrazine

Concen: 41.221 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

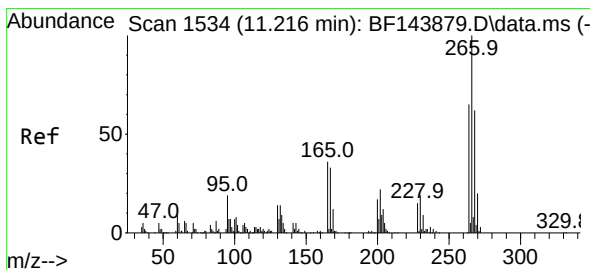
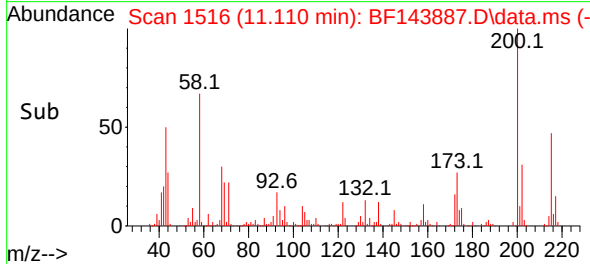
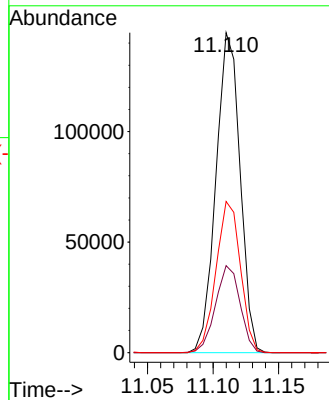
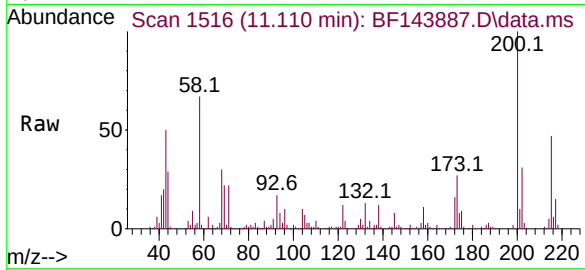
Tgt Ion:200 Resp: 185337

Ion Ratio Lower Upper

200 100

173 27.2 7.0 47.0

215 47.2 27.8 67.8



#70

Pentachlorophenol

Concen: 41.501 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

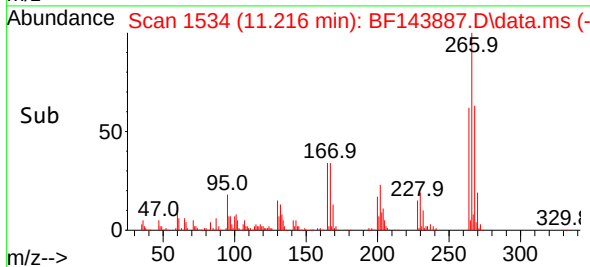
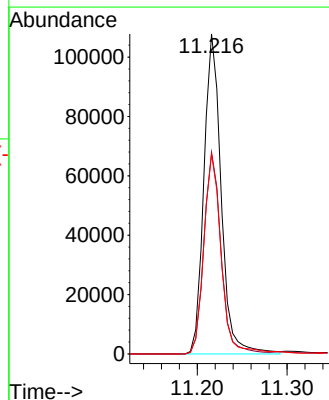
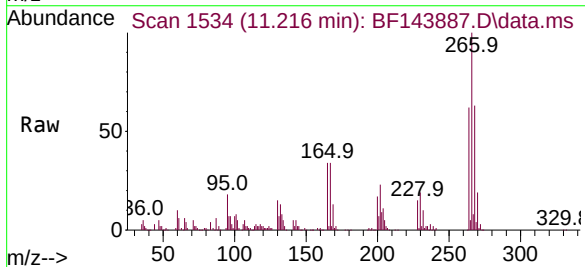
Tgt Ion:266 Resp: 144078

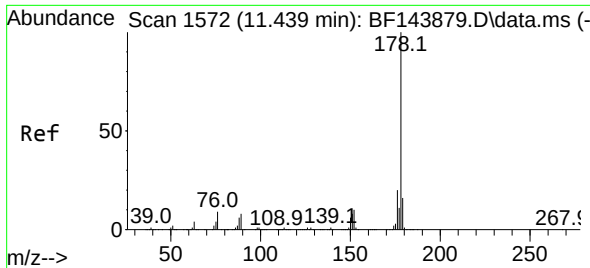
Ion Ratio Lower Upper

266 100

268 63.1 49.4 74.0

264 62.4 51.8 77.6





#71

Phenanthrene

Concen: 40.475 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

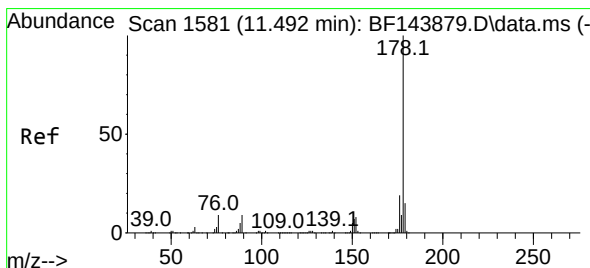
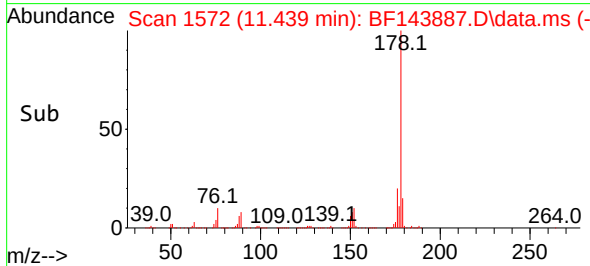
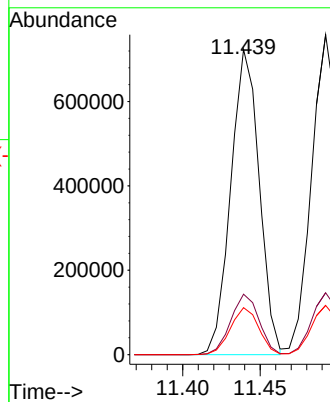
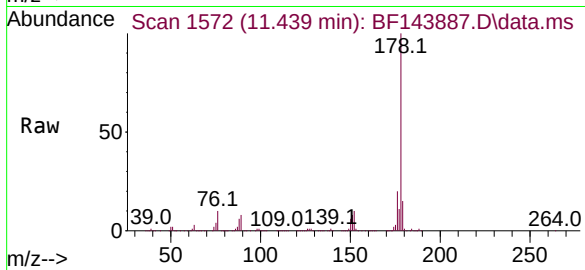
Tgt Ion:178 Resp: 927059

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 15.4 12.4 18.6



#72

Anthracene

Concen: 41.249 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

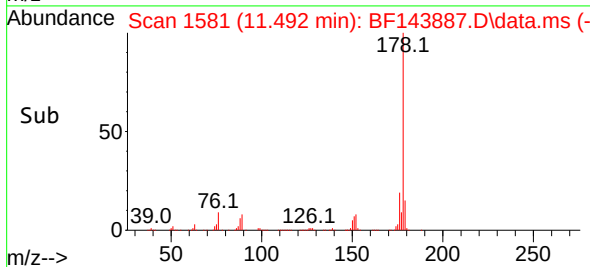
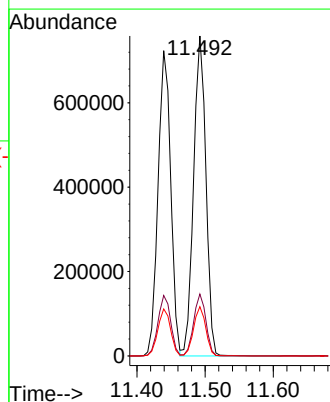
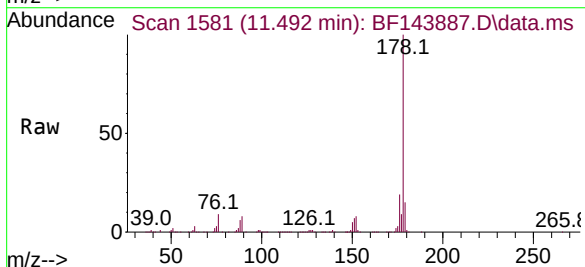
Tgt Ion:178 Resp: 954456

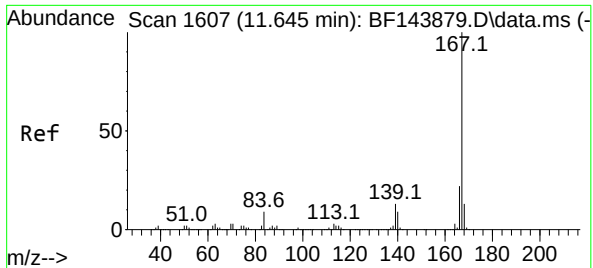
Ion Ratio Lower Upper

178 100

176 19.3 14.9 22.3

179 15.4 12.2 18.2

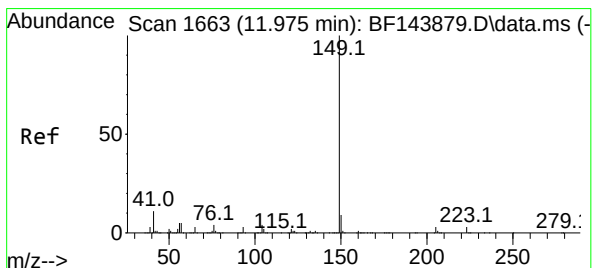
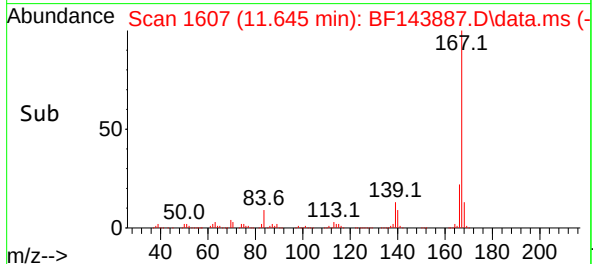
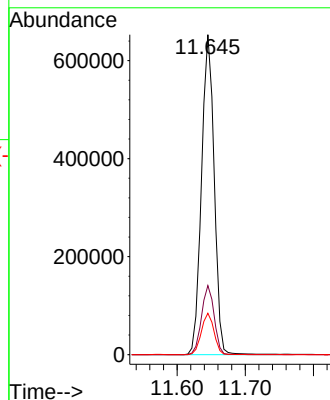
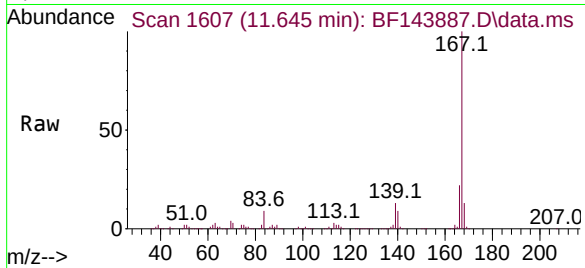




#73
Carbazole
Concen: 41.276 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

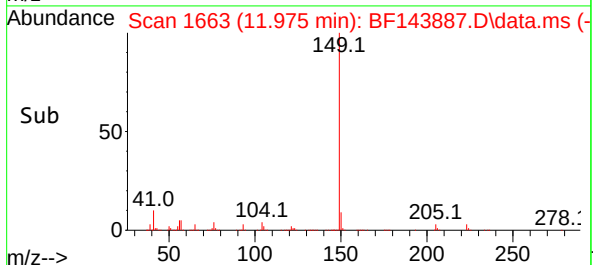
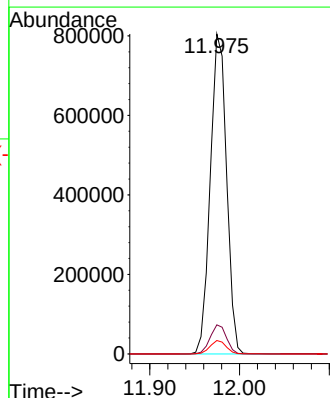
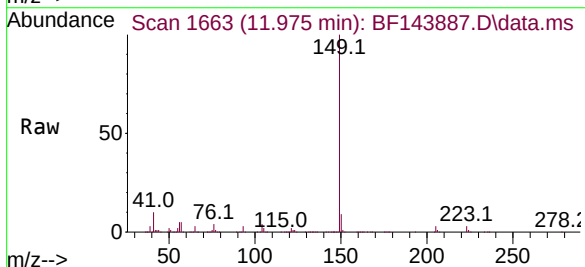
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

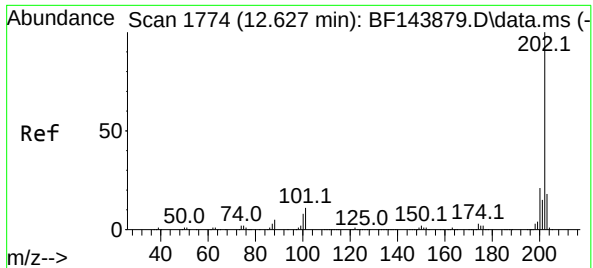
Tgt Ion:167 Resp: 845876
Ion Ratio Lower Upper
167 100
166 21.6 17.2 25.8
139 12.9 10.1 15.1



#74
Di-n-butylphthalate
Concen: 42.939 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:149 Resp: 1019853
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.2 3.4 5.2

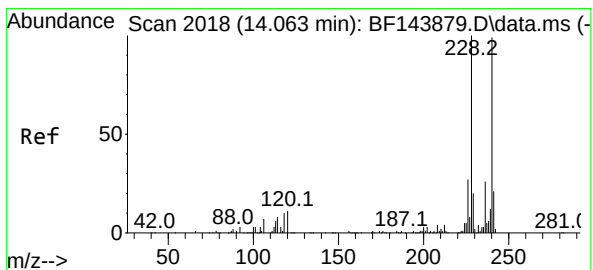
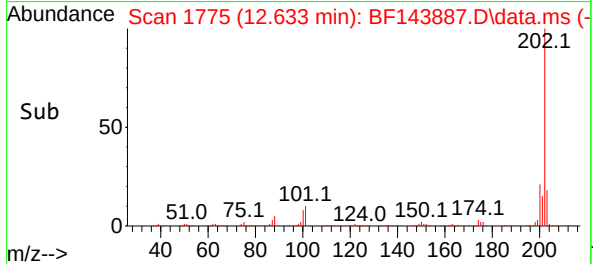
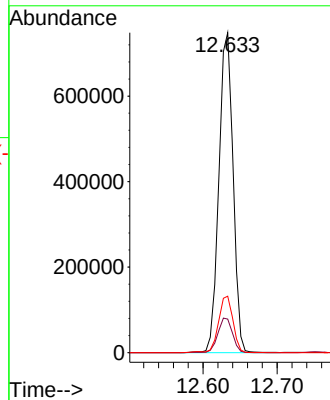
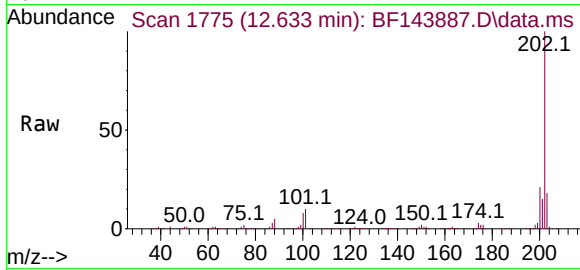




#75
Fluoranthene
Concen: 42.023 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

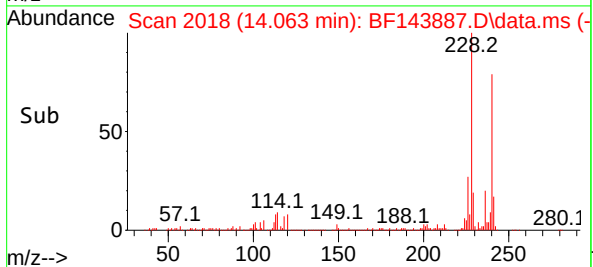
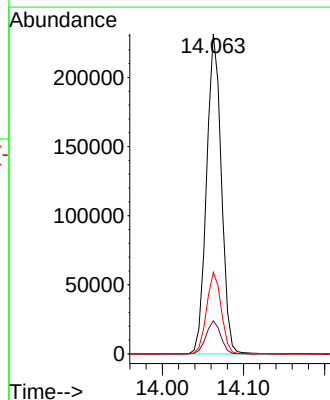
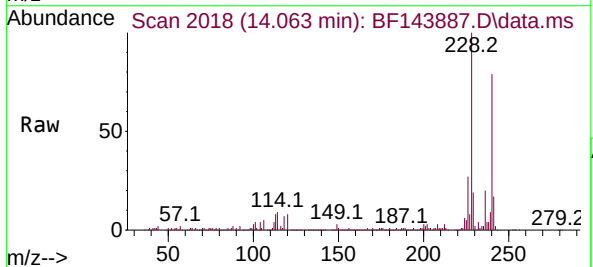
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

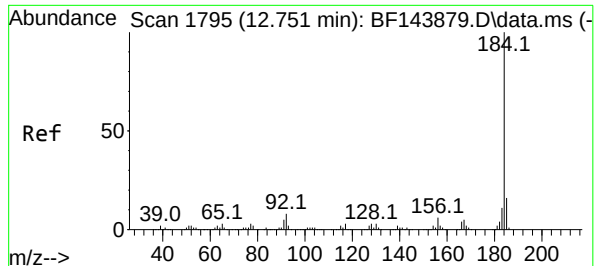
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.7
203	17.6	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.6	13.0
236	25.5	21.1	31.7





#77

Benzidine

Concen: 43.559 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

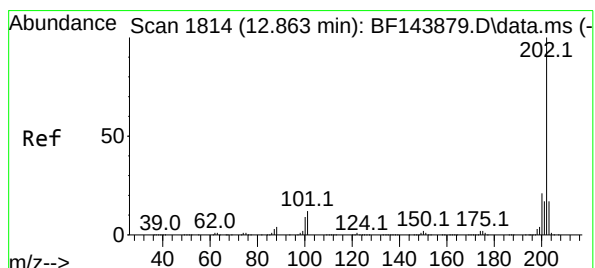
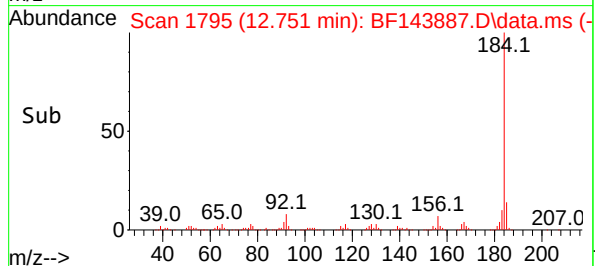
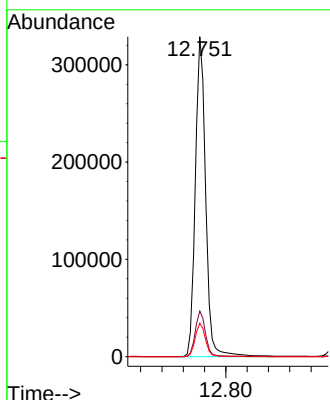
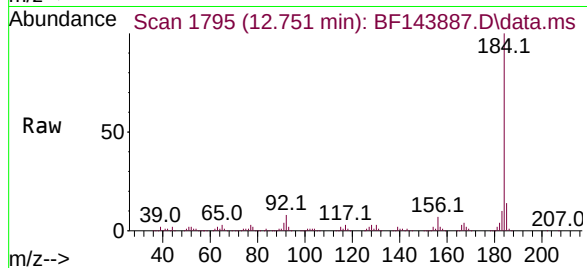
Tgt Ion:184 Resp: 443056

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

183 10.5 8.8 13.2



#78

Pyrene

Concen: 42.137 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

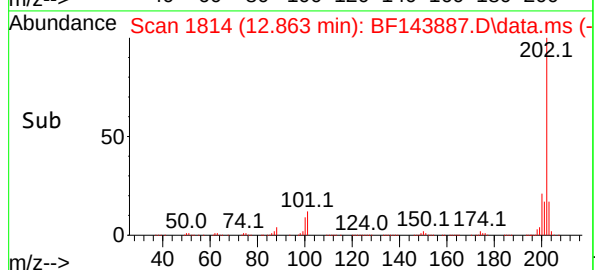
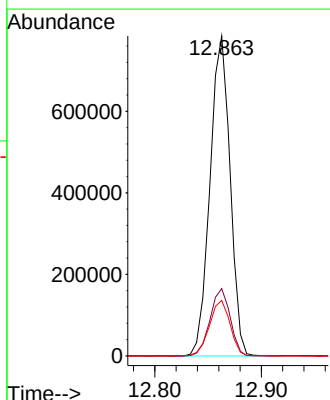
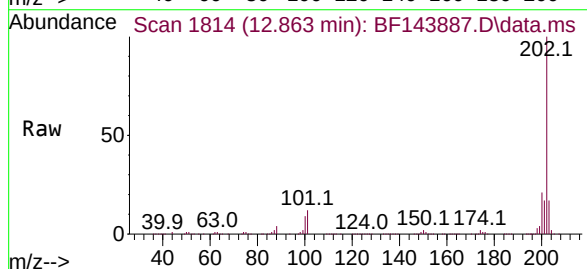
Tgt Ion:202 Resp: 1029051

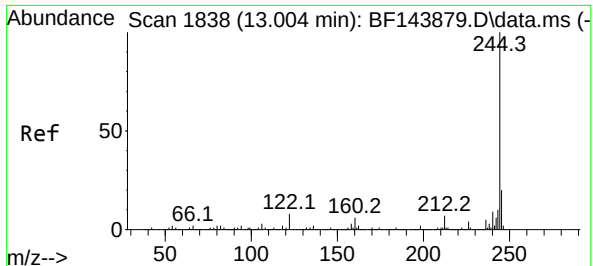
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.3 13.8 20.6

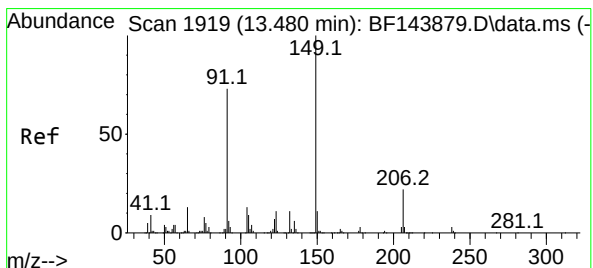
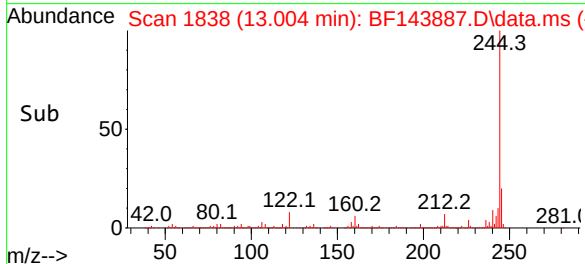
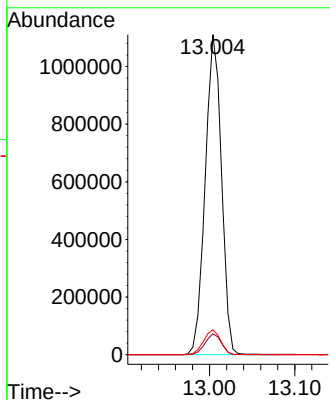
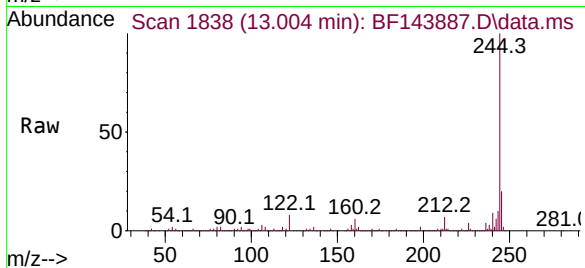




#79
Terphenyl-d14
Concen: 85.746 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

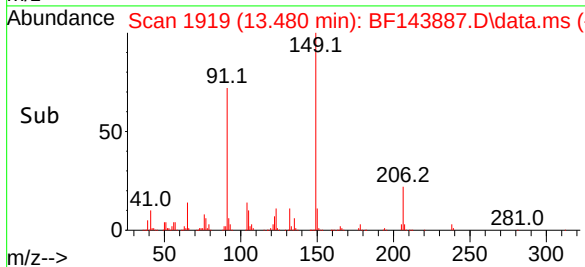
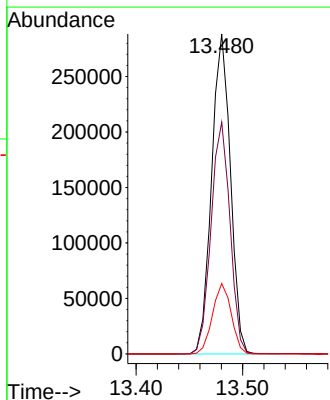
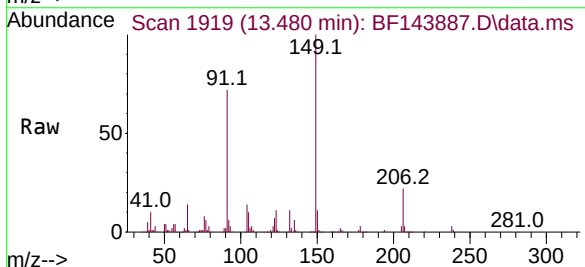
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

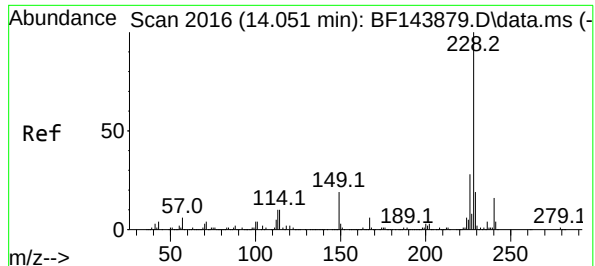
Tgt Ion:244 Resp: 1469688
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 7.8 6.4 9.6



#80
Butylbenzylphthalate
Concen: 44.712 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:149 Resp: 354629
Ion Ratio Lower Upper
149 100
91 72.4 58.2 87.2
206 22.0 17.9 26.9





#81

Benzo(a)anthracene

Concen: 41.005 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

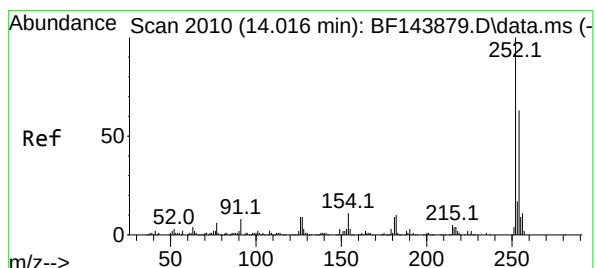
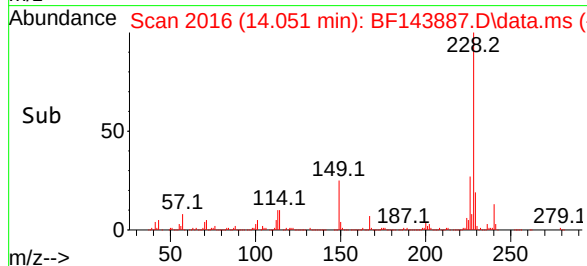
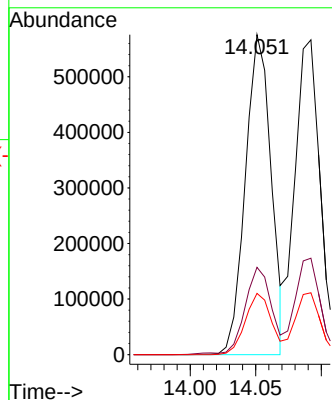
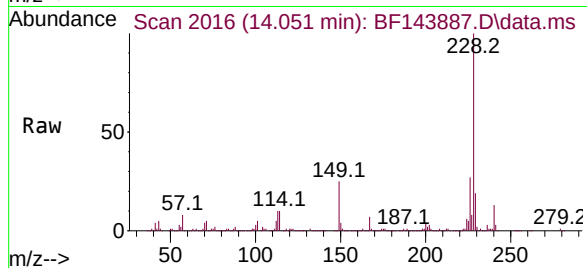
Tgt Ion:228 Resp: 786049

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

229 19.1 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 41.852 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

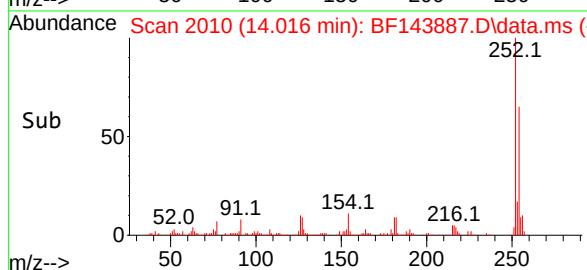
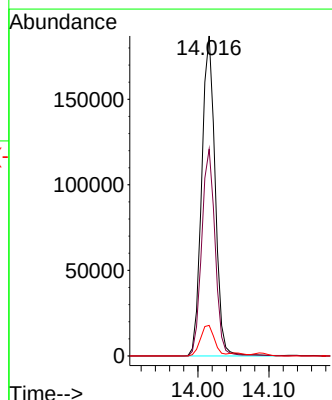
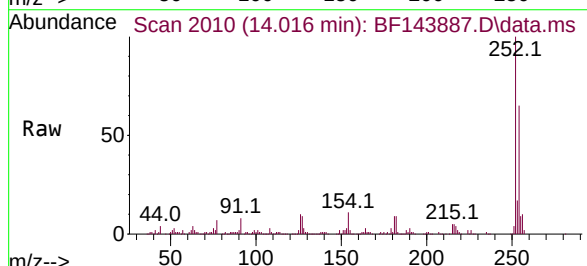
Tgt Ion:252 Resp: 244496

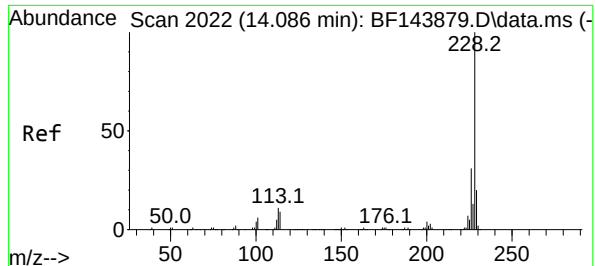
Ion Ratio Lower Upper

252 100

254 64.6 50.6 76.0

126 9.5 7.0 10.6





#83

Chrysene

Concen: 42.533 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

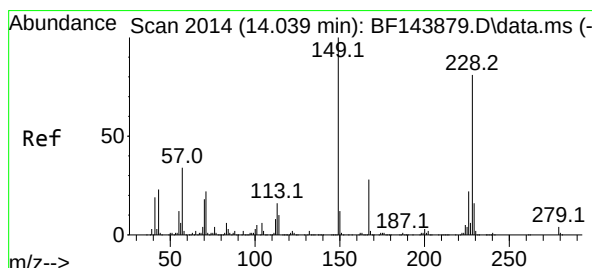
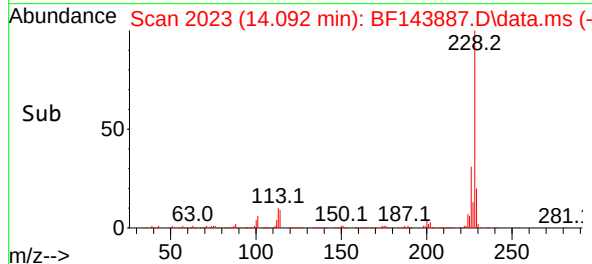
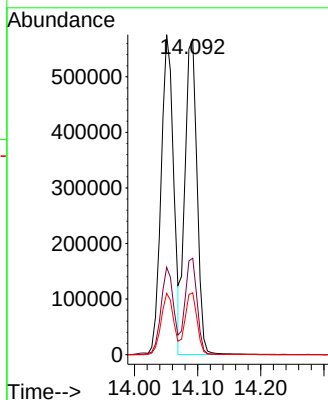
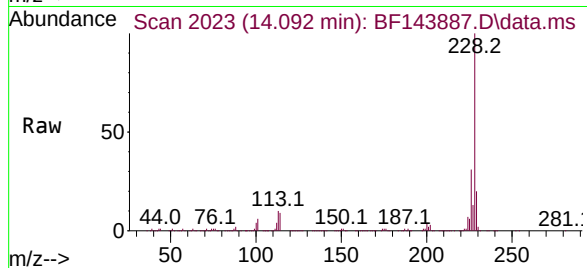
Tgt Ion:228 Resp: 754633

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.772 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

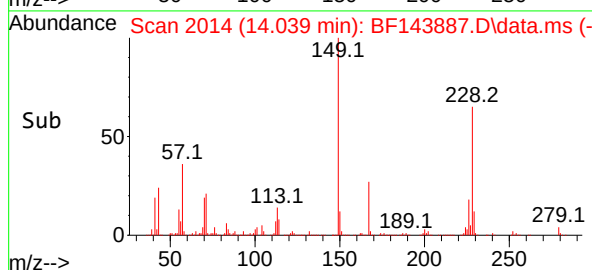
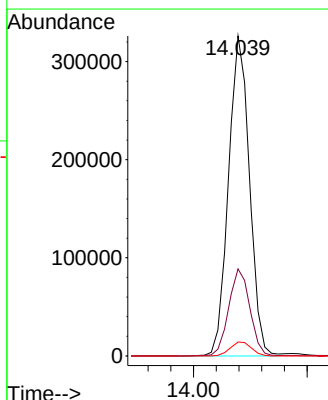
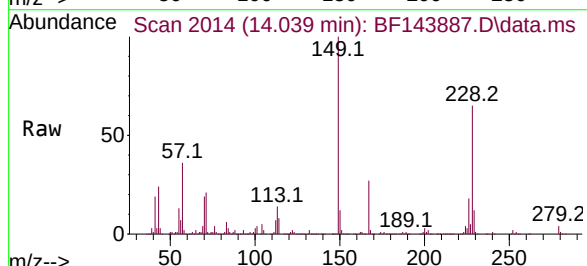
Tgt Ion:149 Resp: 418492

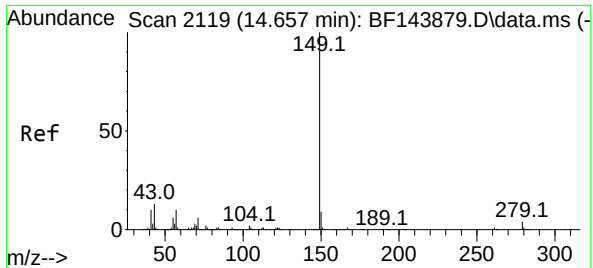
Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.4

279 4.3 3.1 4.7

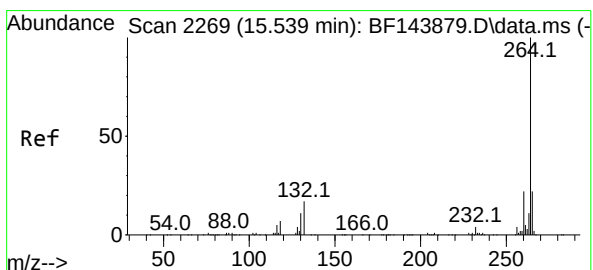
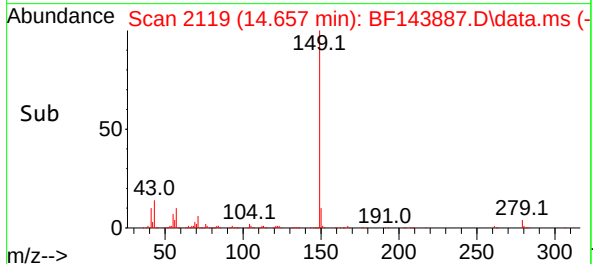
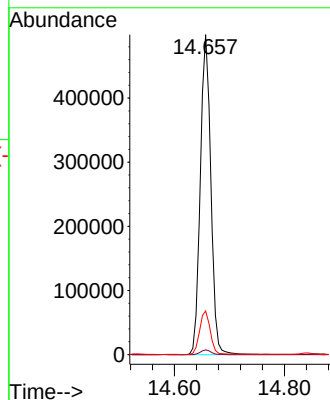
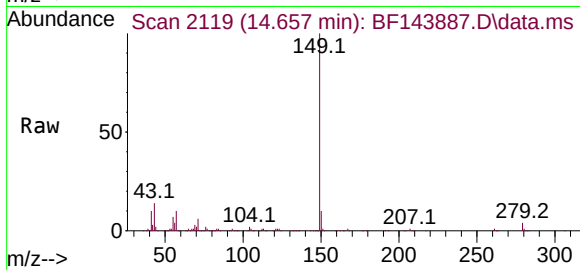




#85
Di-n-octyl phthalate
Concen: 42.113 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

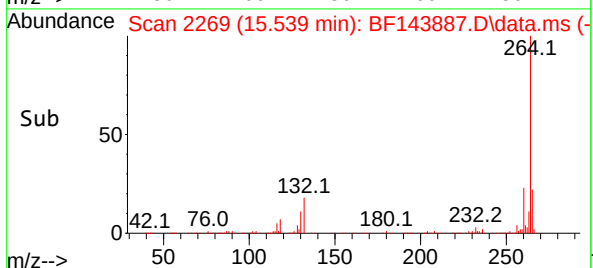
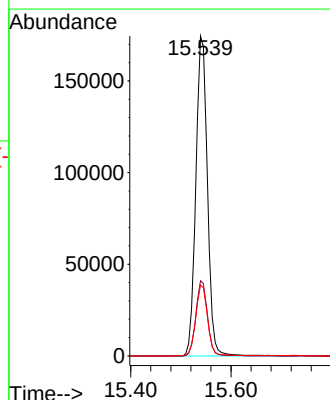
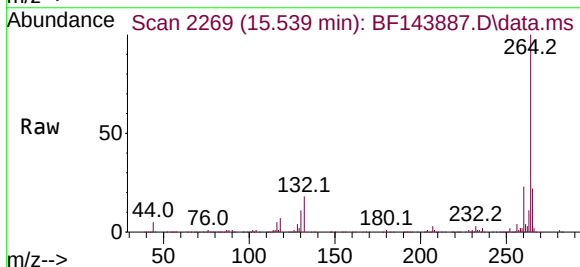
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

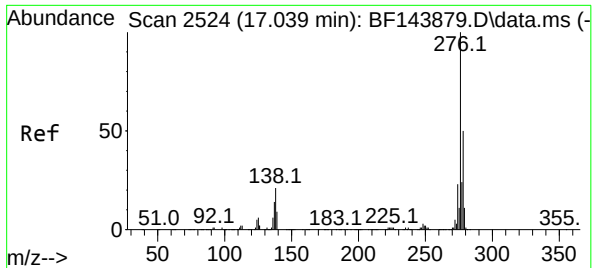
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.9	11.0	16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.8	26.8
265	22.1	17.5	26.3

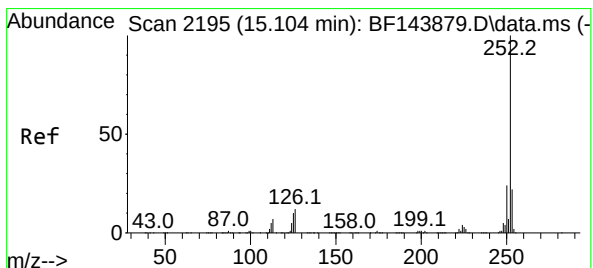
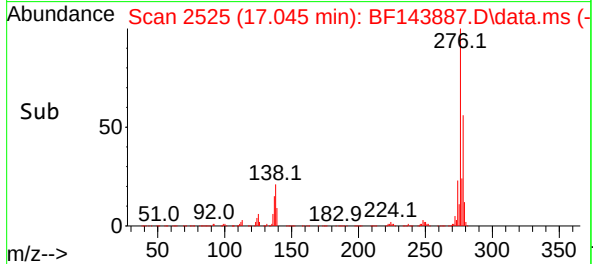
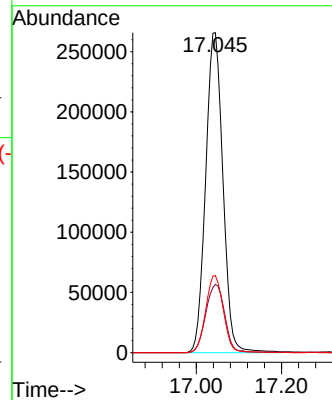
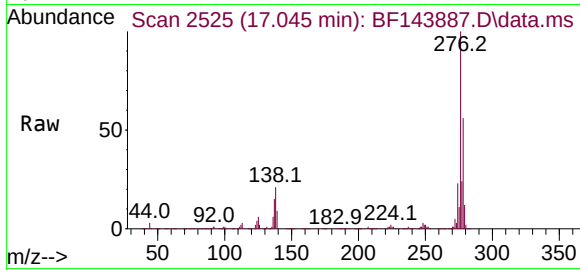




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.634 ng
RT: 17.045 min Scan# 211
Delta R.T. -0.012 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

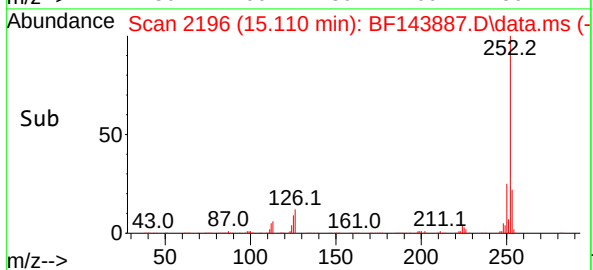
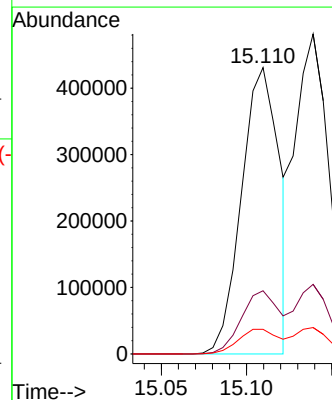
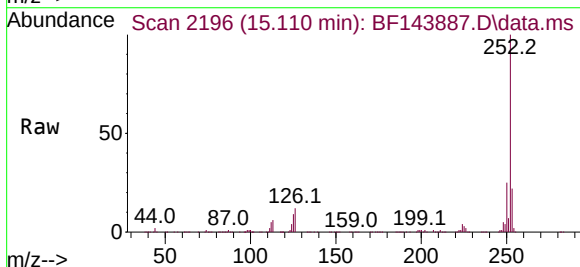
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

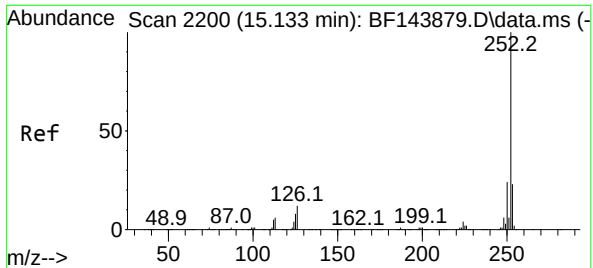
Tgt Ion:276 Resp: 746842
Ion Ratio Lower Upper
276 100
138 23.3 18.2 27.2
277 24.6 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 41.510 ng
RT: 15.110 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF143887.D
Acq: 08 Oct 2025 10:13

Tgt Ion:252 Resp: 666065
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.6 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 45.251 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

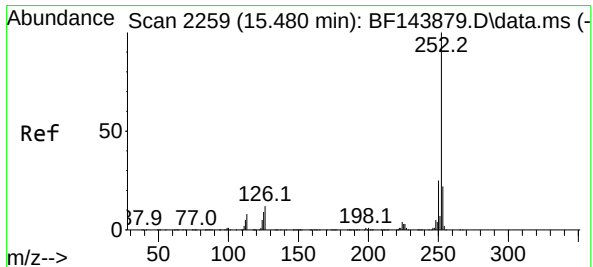
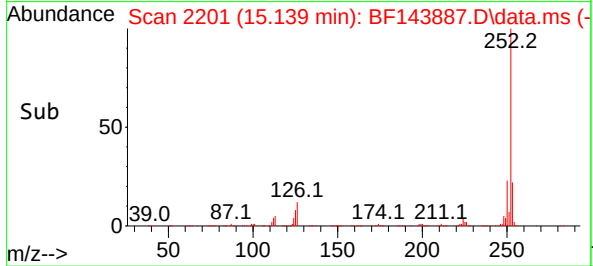
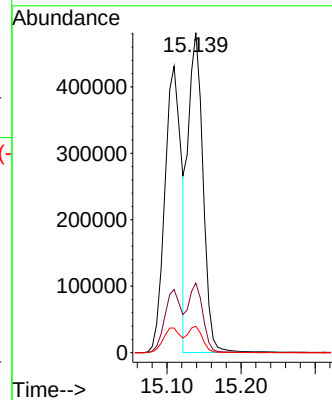
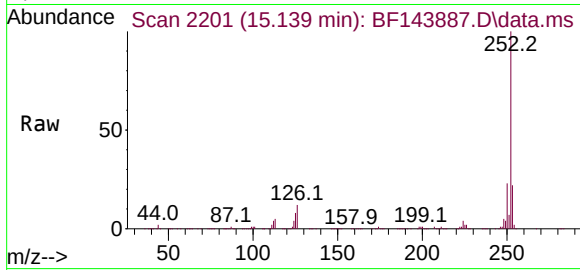
Tgt Ion:252 Resp: 671860

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 8.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 43.950 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143887.D

Acq: 08 Oct 2025 10:13

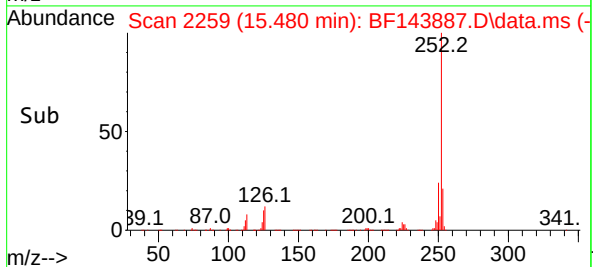
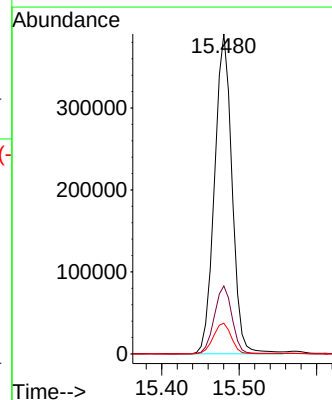
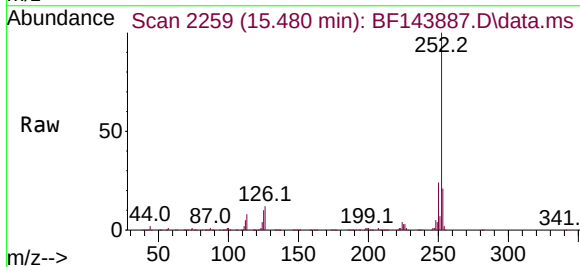
Tgt Ion:252 Resp: 611488

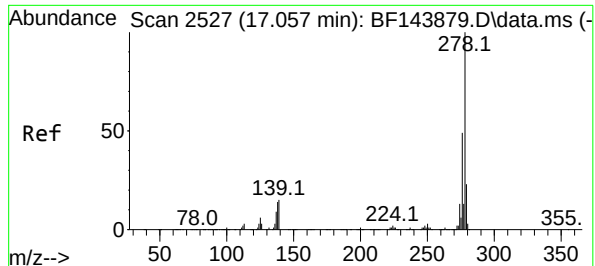
Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 9.6 7.0 10.4

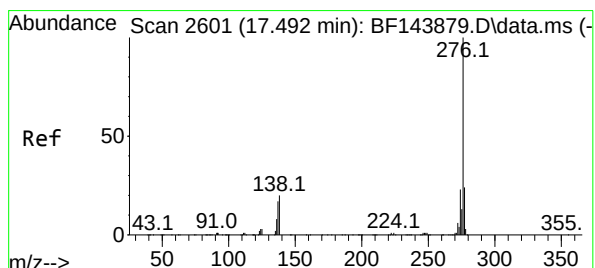
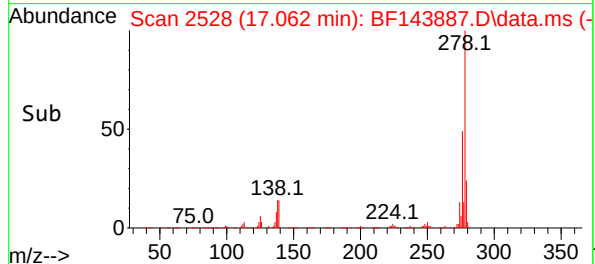
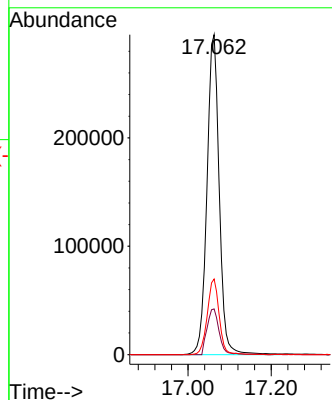
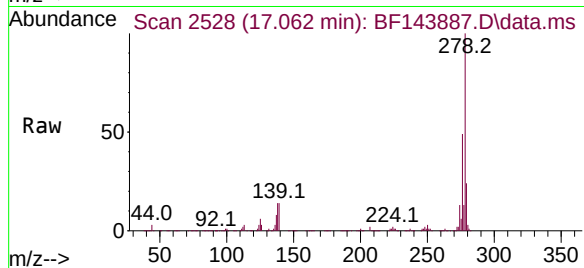




#91
 Dibenzo(a,h)anthracene
 Concen: 43.815 ng
 RT: 17.062 min Scan# 2527
 Delta R.T. -0.017 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

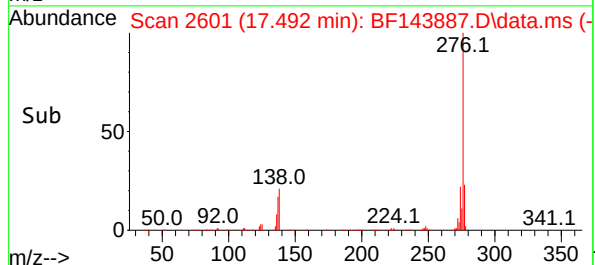
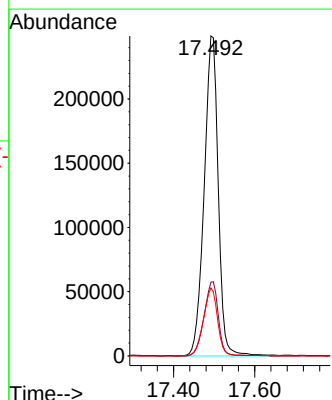
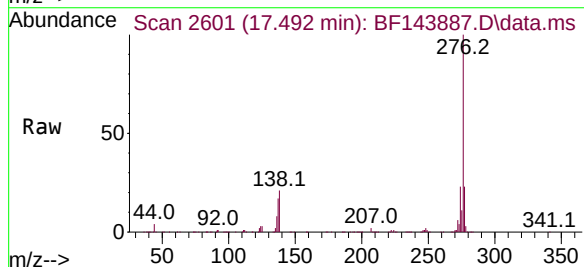
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 603140
 Ion Ratio Lower Upper
 278 100
 139 14.3 11.7 17.5
 279 23.6 18.4 27.6



#92
 Benzo(g,h,i)perylene
 Concen: 43.585 ng
 RT: 17.492 min Scan# 2601
 Delta R.T. -0.023 min
 Lab File: BF143887.D
 Acq: 08 Oct 2025 10:13

Tgt Ion:276 Resp: 599979
 Ion Ratio Lower Upper
 276 100
 277 23.0 19.0 28.6
 138 21.2 16.1 24.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143887.D
 Acq On : 08 Oct 2025 10:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 08 10:41:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
2	1,4-Dioxane	0.583	0.664	-13.9	111	0.00
3	Pyridine	1.697	1.869	-10.1	107	0.00
4	n-Nitrosodimethylamine	0.893	0.976	-9.3	109	-0.03
5 S	2-Fluorophenol	1.259	1.370	-8.8	106	0.00
6	Aniline	2.250	2.430	-8.0	105	0.00
7 S	Phenol-d6	1.501	1.603	-6.8	105	-0.01
8	2-Chlorophenol	1.231	1.334	-8.4	105	0.00
9	Benzaldehyde	1.158	1.366	-18.0	104	0.00
10 C	Phenol	1.795	2.034	-13.3	112	-0.02
11	bis(2-Chloroethyl)ether	1.386	1.486	-7.2	104	-0.01
12	1,3-Dichlorobenzene	1.474	1.532	-3.9	103	0.00
13 C	1,4-Dichlorobenzene	1.454	1.548	-6.5	105	0.00
14	1,2-Dichlorobenzene	1.392	1.475	-6.0	104	0.00
15	Benzyl Alcohol	1.125	1.221	-8.5	106	-0.01
16	2,2'-oxybis(1-Chloropropane	3.156	3.374	-6.9	106	0.00
17	2-Methylphenol	1.017	1.097	-7.9	106	0.00
18	Hexachloroethane	0.485	0.525	-8.2	106	0.00
19 P	n-Nitroso-di-n-propylamine	1.028	1.050	-2.1	104	-0.02
20	3+4-Methylphenols	1.179	1.286	-9.1	103	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.423	0.443	-4.7	104	-0.01
23 S	Nitrobenzene-d5	0.329	0.359	-9.1	105	-0.01
24	Nitrobenzene	0.366	0.402	-9.8	104	-0.01
25	Isophorone	0.694	0.729	-5.0	105	-0.02
26 C	2-Nitrophenol	0.157	0.171	-8.9	100	0.00
27	2,4-Dimethylphenol	0.282	0.311	-10.3	107	-0.01
28	bis(2-Chloroethoxy)methane	0.438	0.454	-3.7	104	0.00
29 C	2,4-Dichlorophenol	0.294	0.312	-6.1	103	0.00
30	1,2,4-Trichlorobenzene	0.289	0.303	-4.8	103	0.00
31	Naphthalene	0.910	0.956	-5.1	104	0.00
32	Benzoic acid	0.195	0.198	-1.5	100	-0.05
33	4-Chloroaniline	0.341	0.360	-5.6	103	0.00
34 C	Hexachlorobutadiene	0.201	0.216	-7.5	106	0.00
35	Caprolactam	0.093	0.102	-9.7	108	-0.04
36 C	4-Chloro-3-methylphenol	0.282	0.302	-7.1	107	-0.01
37	2-Methylnaphthalene	0.606	0.626	-3.3	103	0.00
38	1-Methylnaphthalene	0.588	0.604	-2.7	101	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.573	-3.6	101	0.00
41 P	Hexachlorocyclopentadiene	0.229	0.244	-6.6	99	0.00
42 S	2,4,6-Tribromophenol	0.199	0.213	-7.0	107	0.00
43 C	2,4,6-Trichlorophenol	0.404	0.428	-5.9	100	0.00
44	2,4,5-Trichlorophenol	0.427	0.435	-1.9	99	-0.01
45 S	2-Fluorobiphenyl	1.260	1.197	5.0	101	0.00
46	1,1'-Biphenyl	1.324	1.365	-3.1	103	0.00
47	2-Chloronaphthalene	1.104	1.147	-3.9	105	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143887.D
 Acq On : 08 Oct 2025 10:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 08 10:41:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.349	0.394	-12.9	104	0.00
49	Acenaphthylene	1.552	1.636	-5.4	105	0.00
50	Dimethylphthalate	1.270	1.326	-4.4	107	0.00
51	2,6-Dinitrotoluene	0.236	0.266	-12.7	105	-0.01
52 C	Acenaphthene	1.017	1.047	-2.9	103	0.00
53	3-Nitroaniline	0.288	0.320	-11.1	108	-0.01
54 P	2,4-Dinitrophenol	0.118	0.115	2.5	100	0.00
55	Dibenzofuran	1.436	1.486	-3.5	103	0.00
56 P	4-Nitrophenol	0.218	0.245	-12.4	109	-0.01
57	2,4-Dinitrotoluene	0.320	0.367	-14.7	104	0.00
58	Fluorene	1.083	1.100	-1.6	104	0.00
59	2,3,4,6-Tetrachlorophenol	0.302	0.328	-8.6	105	0.00
60	Diethylphthalate	1.180	1.260	-6.8	107	0.00
61	4-Chlorophenyl-phenylether	0.573	0.587	-2.4	102	0.00
62	4-Nitroaniline	0.277	0.308	-11.2	109	-0.02
63	Azobenzene	1.233	1.300	-5.4	105	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	0.101	0.104	-3.0	100	-0.02
66 c	n-Nitrosodiphenylamine	0.628	0.645	-2.7	104	0.00
67	4-Bromophenyl-phenylether	0.221	0.221	0.0	102	0.00
68	Hexachlorobenzene	0.256	0.262	-2.3	104	0.00
69	Atrazine	0.190	0.196	-3.2	107	-0.01
70 C	Pentachlorophenol	0.147	0.152	-3.4	103	0.00
71	Phenanthrene	0.970	0.981	-1.1	107	0.00
72	Anthracene	0.980	1.010	-3.1	105	0.00
73	Carbazole	0.868	0.895	-3.1	108	0.00
74	Di-n-butylphthalate	1.005	1.079	-7.4	109	0.00
75 C	Fluoranthene	1.002	1.052	-5.0	108	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77	Benzydine	0.694	0.756	-8.9	114	0.00
78	Pyrene	1.667	1.756	-5.3	108	0.00
79 S	Terphenyl-d14	1.170	1.254	-7.2	113	0.00
80	Butylbenzylphthalate	0.542	0.605	-11.6	112	0.00
81	Benzo(a)anthracene	1.309	1.342	-2.5	110	0.00
82	3,3'-Dichlorobenzidine	0.399	0.417	-4.5	109	0.00
83	Chrysene	1.211	1.288	-6.4	115	0.00
84	Bis(2-ethylhexyl)phthalate	0.653	0.714	-9.3	111	0.00
85 c	Di-n-octyl phthalate	1.072	1.129	-5.3	109	0.00
86 I	Perylene-d12	1.000	1.000	0.0	111	0.00
87	Indeno(1,2,3-cd)pyrene	1.225	1.337	-9.1	107	-0.01
88	Benzo(b)fluoranthene	1.149	1.192	-3.7	105	0.00
89	Benzo(k)fluoranthene	1.063	1.203	-13.2	121	0.00
90 C	Benzo(a)pyrene	0.996	1.095	-9.9	111	0.00
91	Dibenzo(a,h)anthracene	0.986	1.080	-9.5	107	-0.02
92	Benzo(g,h,i)perylene	0.986	1.074	-8.9	107	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143887.D
Acq On : 08 Oct 2025 10:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 08 10:41:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143887.D
 Acq On : 08 Oct 2025 10:13
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	101	0.00
2	1,4-Dioxane	40.000	45.590	-14.0	111	0.00
3	Pyridine	40.000	44.073	-10.2	107	0.00
4	n-Nitrosodimethylamine	40.000	43.724	-9.3	109	-0.03
5 S	2-Fluorophenol	80.000	87.034	-8.8	106	0.00
6	Aniline	40.000	43.206	-8.0	105	0.00
7 S	Phenol-d6	80.000	85.425	-6.8	105	-0.01
8	2-Chlorophenol	40.000	43.343	-8.4	105	0.00
9	Benzaldehyde	40.000	47.190	-18.0	104	0.00
10 C	Phenol	40.000	45.325	-13.3	112	-0.02
11	bis(2-Chloroethyl)ether	40.000	42.883	-7.2	104	-0.01
12	1,3-Dichlorobenzene	40.000	41.590	-4.0	103	0.00
13 C	1,4-Dichlorobenzene	40.000	42.592	-6.5	105	0.00
14	1,2-Dichlorobenzene	40.000	42.365	-5.9	104	0.00
15	Benzyl Alcohol	40.000	43.431	-8.6	106	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	42.766	-6.9	106	0.00
17	2-Methylphenol	40.000	43.125	-7.8	106	0.00
18	Hexachloroethane	40.000	43.308	-8.3	106	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	40.855	-2.1	104	-0.02
20	3+4-Methylphenols	40.000	43.628	-9.1	103	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	41.890	-4.7	104	-0.01
23 S	Nitrobenzene-d5	80.000	87.200	-9.0	105	-0.01
24	Nitrobenzene	40.000	43.931	-9.8	104	-0.01
25	Isophorone	40.000	41.991	-5.0	105	-0.02
26 C	2-Nitrophenol	40.000	43.683	-9.2	100	0.00
27	2,4-Dimethylphenol	40.000	44.148	-10.4	107	-0.01
28	bis(2-Chloroethoxy)methane	40.000	41.451	-3.6	104	0.00
29 C	2,4-Dichlorophenol	40.000	42.518	-6.3	103	0.00
30	1,2,4-Trichlorobenzene	40.000	41.914	-4.8	103	0.00
31	Naphthalene	40.000	42.050	-5.1	104	0.00
32	Benzoic acid	40.000	40.574	-1.4	100	-0.05
33	4-Chloroaniline	40.000	42.195	-5.5	103	0.00
34 C	Hexachlorobutadiene	40.000	43.101	-7.8	106	0.00
35	Caprolactam	40.000	43.527	-8.8	108	-0.04
36 C	4-Chloro-3-methylphenol	40.000	42.870	-7.2	107	-0.01
37	2-Methylnaphthalene	40.000	41.333	-3.3	103	0.00
38	1-Methylnaphthalene	40.000	41.105	-2.8	101	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.454	-3.6	101	0.00
41 P	Hexachlorocyclopentadiene	40.000	42.564	-6.4	99	0.00
42 S	2,4,6-Tribromophenol	80.000	85.402	-6.8	107	0.00
43 C	2,4,6-Trichlorophenol	40.000	42.423	-6.1	100	0.00
44	2,4,5-Trichlorophenol	40.000	40.751	-1.9	99	-0.01
45 S	2-Fluorobiphenyl	80.000	75.968	5.0	101	0.00
46	1,1'-Biphenyl	40.000	41.233	-3.1	103	0.00
47	2-Chloronaphthalene	40.000	41.551	-3.9	105	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143887.D
 Acq On : 08 Oct 2025 10:13
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 08 10:41:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	45.114	-12.8	104	0.00
49	Acenaphthylene	40.000	42.158	-5.4	105	0.00
50	Dimethylphthalate	40.000	41.746	-4.4	107	0.00
51	2,6-Dinitrotoluene	40.000	45.132	-12.8	105	-0.01
52 C	Acenaphthene	40.000	41.185	-3.0	103	0.00
53	3-Nitroaniline	40.000	44.400	-11.0	108	-0.01
54 P	2,4-Dinitrophenol	40.000	35.918	10.2	100	0.00
55	Dibenzofuran	40.000	41.394	-3.5	103	0.00
56 P	4-Nitrophenol	40.000	44.805	-12.0	109	-0.01
57	2,4-Dinitrotoluene	40.000	45.790	-14.5	104	0.00
58	Fluorene	40.000	40.611	-1.5	104	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	43.461	-8.7	105	0.00
60	Diethylphthalate	40.000	42.707	-6.8	107	0.00
61	4-Chlorophenyl-phenylether	40.000	41.005	-2.5	102	0.00
62	4-Nitroaniline	40.000	44.364	-10.9	109	-0.02
63	Azobenzene	40.000	42.174	-5.4	105	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	106	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.478	-3.7	100	-0.02
66 c	n-Nitrosodiphenylamine	40.000	41.053	-2.6	104	0.00
67	4-Bromophenyl-phenylether	40.000	40.007	-0.0	102	0.00
68	Hexachlorobenzene	40.000	40.915	-2.3	104	0.00
69	Atrazine	40.000	41.221	-3.1	107	-0.01
70 C	Pentachlorophenol	40.000	41.501	-3.8	103	0.00
71	Phenanthrene	40.000	40.475	-1.2	107	0.00
72	Anthracene	40.000	41.249	-3.1	105	0.00
73	Carbazole	40.000	41.276	-3.2	108	0.00
74	Di-n-butylphthalate	40.000	42.939	-7.3	109	0.00
75 C	Fluoranthene	40.000	42.023	-5.1	108	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77	Benzydine	40.000	43.559	-8.9	114	0.00
78	Pyrene	40.000	42.137	-5.3	108	0.00
79 S	Terphenyl-d14	80.000	85.746	-7.2	113	0.00
80	Butylbenzylphthalate	40.000	44.712	-11.8	112	0.00
81	Benzo(a)anthracene	40.000	41.005	-2.5	110	0.00
82	3,3'-Dichlorobenzidine	40.000	41.852	-4.6	109	0.00
83	Chrysene	40.000	42.533	-6.3	115	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	43.772	-9.4	111	0.00
85 c	Di-n-octyl phthalate	40.000	42.113	-5.3	109	0.00
86 I	Perylene-d12	20.000	20.000	0.0	111	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.634	-9.1	107	-0.01
88	Benzo(b)fluoranthene	40.000	41.510	-3.8	105	0.00
89	Benzo(k)fluoranthene	40.000	45.251	-13.1	121	0.00
90 C	Benzo(a)pyrene	40.000	43.950	-9.9	111	0.00
91	Dibenzo(a,h)anthracene	40.000	43.815	-9.5	107	-0.02
92	Benzo(g,h,i)perylene	40.000	43.585	-9.0	107	-0.02

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143887.D
Acq On : 08 Oct 2025 10:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 08 10:41:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3266</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>10/06/2025 15:34</u>
Lab File ID:	<u>BP025924.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.259		1.5	
Benzaldehyde	0.987	1.230		24.6	
Phenol-d6	1.648	1.630		-1.1	
Phenol	1.737	1.761		1.4	20.0
bis(2-Chloroethyl)ether	1.396	1.398		0.1	
2-Chlorophenol	1.360	1.410		3.7	
2-Methylphenol	1.171	1.171		0.0	
2,2-oxybis(1-Chloropropane)	2.283	2.036		-10.8	
Acetophenone	0.534	0.535		0.2	
3+4-Methylphenols	1.640	1.594		-2.8	
n-Nitroso-di-n-propylamine	1.149	1.084	0.050	-5.7	
Nitrobenzene-d5	0.453	0.403		-11.0	
Hexachloroethane	0.602	0.587		-2.5	
Nitrobenzene	0.407	0.409		0.5	
Isophorone	0.797	0.763		-4.3	
2-Nitrophenol	0.181	0.201		11.1	20.0
2,4-Dimethylphenol	0.317	0.293		-7.6	
bis(2-Chloroethoxy)methane	0.461	0.460		-0.2	
2,4-Dichlorophenol	0.316	0.334		5.7	20.0
Naphthalene	1.078	1.068		-0.9	
4-Chloroaniline	0.449	0.409		-8.9	
Hexachlorobutadiene	0.229	0.239		4.4	20.0
Caprolactam	0.122	0.115		-5.7	
4-Chloro-3-methylphenol	0.377	0.374		-0.8	20.0
2-Methylnaphthalene	0.693	0.761		9.8	
Hexachlorocyclopentadiene	0.330	0.311	0.050	-5.8	
2,4,6-Trichlorophenol	0.398	0.428		7.5	20.0
2-Fluorobiphenyl	1.502	1.339		-10.9	
2,4,5-Trichlorophenol	0.443	0.456		2.9	
1,1-Biphenyl	1.468	1.475		0.5	
2-Chloronaphthalene	1.156	1.164		0.7	
2-Nitroaniline	0.385	0.383		-0.5	
Dimethylphthalate	1.527	1.498		-1.9	
Acenaphthylene	1.915	1.710		-10.7	
2,6-Dinitrotoluene	0.324	0.316		-2.5	
3-Nitroaniline	0.340	0.343		0.9	
Acenaphthene	1.104	1.107		0.3	20.0
2,4-Dinitrophenol	0.183	0.180	0.050	-1.6	
4-Nitrophenol	0.258	0.275	0.050	6.6	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CAMP02
 Lab Code: ACE SDG No.: Q3266
 Instrument ID: BNA_P Calibration Date/Time: 10/06/2025 15:34
 Lab File ID: BP025924.D Init. Calib. Date(s): 09/11/2025 09/11/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.800	1.764		-2.0	
2,4-Dinitrotoluene	0.460	0.469		2.0	
Diethylphthalate	1.549	1.510		-2.5	
4-Chlorophenyl-phenylether	0.721	0.730		1.2	
Fluorene	1.431	1.407		-1.7	
4-Nitroaniline	0.349	0.345		-1.1	
4,6-Dinitro-2-methylphenol	0.133	0.145		9.0	
n-Nitrosodiphenylamine	0.612	0.606		-1.0	20.0
2,4,6-Tribromophenol	0.249	0.265		6.4	
4-Bromophenyl-phenylether	0.220	0.235		6.8	
Hexachlorobenzene	0.245	0.263		7.3	
Atrazine	0.234	0.229		-2.1	
Pentachlorophenol	0.162	0.158		-2.5	20.0
Phenanthrene	1.135	1.118		-1.5	
Anthracene	1.151	1.127		-2.1	
Carbazole	1.070	1.067		-0.3	
Di-n-butylphthalate	1.313	1.345		2.4	
Fluoranthene	1.361	1.348		-1.0	20.0
Pyrene	1.335	1.369		2.5	
Terphenyl-d14	1.112	1.007		-9.4	
Butylbenzylphthalate	0.585	0.589		0.7	
3,3-Dichlorobenzidine	0.473	0.454		-4.0	
Benzo (a) anthracene	1.369	1.358		-0.8	
Chrysene	1.305	1.276		-2.2	
Bis(2-ethylhexyl)phthalate	0.856	0.846		-1.2	
Di-n-octyl phthalate	1.523	1.539		1.1	20.0
Benzo (b) fluoranthene	1.223	1.227		0.3	
Benzo (k) fluoranthene	1.248	1.243		-0.4	
Benzo (a) pyrene	1.198	1.158		-3.3	20.0
Indeno (1,2,3-cd) pyrene	1.454	1.470		1.1	
Dibenzo (a,h) anthracene	1.190	1.204		1.2	
Benzo (g,h,i) perylene	1.171	1.151		-1.7	
1,2,4,5-Tetrachlorobenzene	0.606	0.641		5.8	
1,4-Dioxane	0.520	0.491		-5.6	20.0
2,3,4,6-Tetrachlorophenol	0.399	0.395		-1.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025924.D
 Acq On : 06 Oct 2025 15:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 06 15:57:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	192886	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	769676	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	505298	20.000	ng	-0.03
64) Phenanthrene-d10	17.154	188	1020787	20.000	ng	-0.03
76) Chrysene-d12	21.613	240	1062721	20.000	ng	-0.03
86) Perylene-d12	24.942	264	1164048	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	971186	81.243	ng	0.00
7) Phenol-d6	6.943	99	1257929	79.169	ng	0.00
23) Nitrobenzene-d5	8.884	82	1239183	71.019	ng	-0.02
42) 2,4,6-Tribromophenol	15.872	330	536045	85.052	ng	-0.04
45) 2-Fluorobiphenyl	12.960	172	2706584	71.321	ng	-0.03
79) Terphenyl-d14	19.883	244	4280533	72.461	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	189414	37.753	ng	94
3) Pyridine	3.702	79	557176	40.331	ng	93
4) n-Nitrosodimethylamine	3.614	42	216478	33.208	ng	87
6) Aniline	7.078	93	816197	37.420	ng	100
8) 2-Chlorophenol	7.319	128	543952	41.478	ng	98
9) Benzaldehyde	6.896	77	474547	49.828	ng	99
10) Phenol	6.966	94	679203	40.539	ng	97
11) bis(2-Chloroethyl)ether	7.172	93	539304	40.065	ng	96
12) 1,3-Dichlorobenzene	7.625	146	582277	39.012	ng	97
13) 1,4-Dichlorobenzene	7.772	146	583025	38.348	ng	100
14) 1,2-Dichlorobenzene	8.084	146	563862	38.176	ng	99
15) Benzyl Alcohol	7.984	79	494996	37.700	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.243	45	785505	35.684	ng	98
17) 2-Methylphenol	8.190	107	451805	39.998	ng	99
18) Hexachloroethane	8.796	117	226331	38.973	ng	99
19) n-Nitroso-di-n-propyla...	8.537	70	418006	37.718	ng	95
20) 3+4-Methylphenols	8.519	107	615013	38.877	ng	98
22) Acetophenone	8.554	105	824128	40.067	ng	# 97
24) Nitrobenzene	8.925	77	628829	40.173	ng	98
25) Isophorone	9.449	82	1174665	38.301	ng	99
26) 2-Nitrophenol	9.625	139	309115	44.479	ng	92
27) 2,4-Dimethylphenol	9.696	122	451000	36.991	ng	99
28) bis(2-Chloroethoxy)met...	9.913	93	707791	39.925	ng	100
29) 2,4-Dichlorophenol	10.178	162	513894	42.274	ng	100
30) 1,2,4-Trichlorobenzene	10.366	180	535138	39.061	ng	99
31) Naphthalene	10.548	128	1644782	39.632	ng	98
32) Benzoic acid	9.884	122	355806	39.252	ng	98
33) 4-Chloroaniline	10.666	127	629156	36.372	ng	98
34) Hexachlorobutadiene	10.825	225	368552	41.789	ng	100
35) Caprolactam	11.478	113	176953	37.762	ng	92
36) 4-Chloro-3-methylphenol	11.807	107	575967	39.741	ng	95
37) 2-Methylnaphthalene	12.154	142	1171744	43.959	ng	99
38) 1-Methylnaphthalene	12.372	142	1128970	39.718	ng	100
40) 1,2,4,5-Tetrachloroben...	12.525	216	647974	42.318	ng	99
41) Hexachlorocyclopentadiene	12.501	237	314686	37.735	ng	98
43) 2,4,6-Trichlorophenol	12.778	196	432357	42.952	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025924.D
 Acq On : 06 Oct 2025 15:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

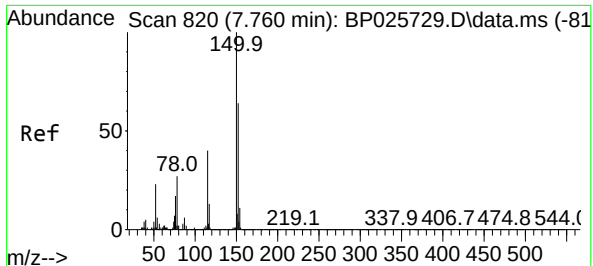
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	461134	41.163	ng	94
46) 1,1'-Biphenyl	13.172	154	1490932	40.199	ng	99
47) 2-Chloronaphthalene	13.219	162	1176269	40.278	ng	100
48) 2-Nitroaniline	13.431	65	387143	39.768	ng	91
49) Acenaphthylene	14.066	152	1728576	35.723	ng	100
50) Dimethylphthalate	13.801	163	1513417	39.230	ng	99
51) 2,6-Dinitrotoluene	13.925	165	319387	39.077	ng	98
52) Acenaphthene	14.413	154	1119050	40.102	ng	99
53) 3-Nitroaniline	14.266	138	346480	40.312	ng	98
54) 2,4-Dinitrophenol	14.501	184	182069	37.020	ng	97
55) Dibenzofuran	14.748	168	1782295	39.189	ng	98
56) 4-Nitrophenol	14.642	139	278024	39.940	ng	93
57) 2,4-Dinitrotoluene	14.731	165	474458	40.790	ng	94
58) Fluorene	15.407	166	1421731	39.313	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.989	232	399213	39.559	ng	96
60) Diethylphthalate	15.184	149	1526353	39.006	ng	99
61) 4-Chlorophenyl-phenyle...	15.401	204	738093	40.497	ng	97
62) 4-Nitroaniline	15.448	138	348578	39.588	ng	94
63) Azobenzene	15.701	77	1393574	36.831	ng	96
65) 4,6-Dinitro-2-methylph...	15.519	198	296214	43.634	ng	90
66) n-Nitrosodiphenylamine	15.625	169	1237651	39.619	ng	99
67) 4-Bromophenyl-phenylether	16.319	248	479739	42.780	ng	96
68) Hexachlorobenzene	16.442	284	537416	42.973	ng	92
69) Atrazine	16.613	200	468053	39.198	ng	97
70) Pentachlorophenol	16.807	266	323092	39.145	ng	99
71) Phenanthrene	17.201	178	2283441	39.434	ng	99
72) Anthracene	17.295	178	2301591	39.175	ng	99
73) Carbazole	17.583	167	2177426	39.864	ng	99
74) Di-n-butylphthalate	18.154	149	2745903	40.965	ng	99
75) Fluoranthene	19.289	202	2752233	39.631	ng	100
77) Benzidine	19.489	184	1338056	43.710	ng	100
78) Pyrene	19.666	202	2910757	41.048	ng	99
80) Butylbenzylphthalate	20.607	149	1251027	40.237	ng	99
81) Benzo(a)anthracene	21.589	228	2885911	39.666	ng	99
82) 3,3'-Dichlorobenzidine	21.501	252	964422	38.336	ng	100
83) Chrysene	21.660	228	2712256	39.107	ng	99
84) Bis(2-ethylhexyl)phtha...	21.501	149	1798646	39.541	ng	98
85) Di-n-octyl phthalate	22.771	149	3269994	40.413	ng	97
87) Indeno(1,2,3-cd)pyrene	28.771	276	3421371	40.417	ng	# 80
88) Benzo(b)fluoranthene	23.895	252	2855714	40.117	ng	99
89) Benzo(k)fluoranthene	23.960	252	2893225	39.831	ng	99
90) Benzo(a)pyrene	24.795	252	2695458	38.667	ng	99
91) Dibenzo(a,h)anthracene	28.836	278	2802069	40.450	ng	99
92) Benzo(g,h,i)perylene	29.953	276	2678989	39.324	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

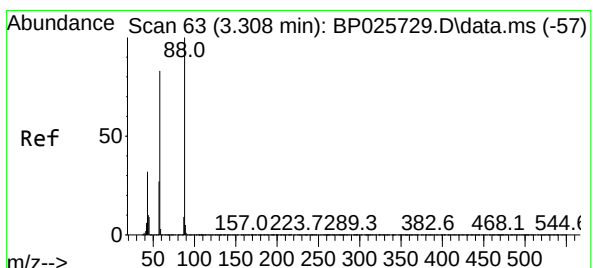
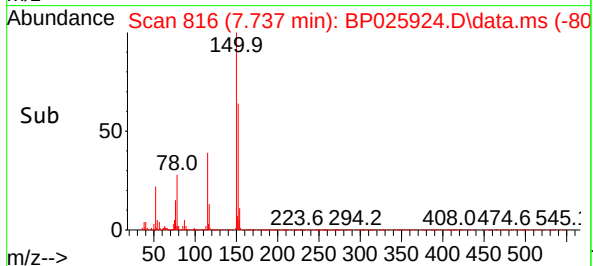
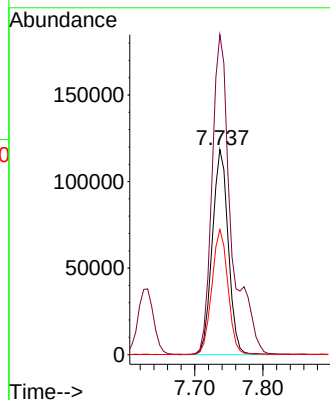
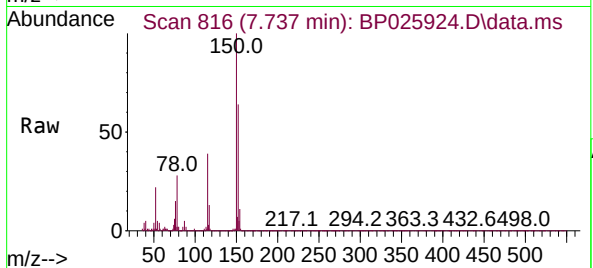
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

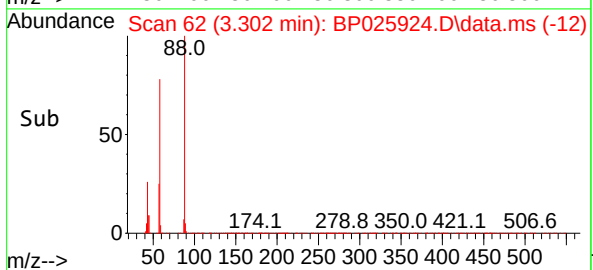
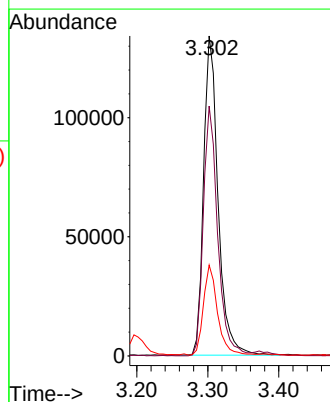
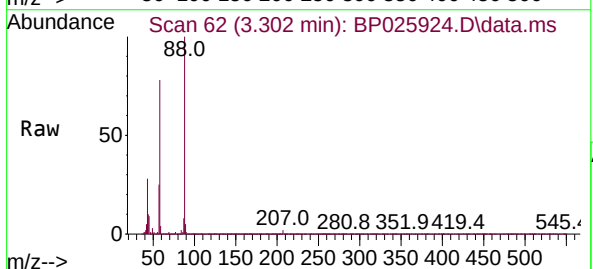
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ClientSampleId :
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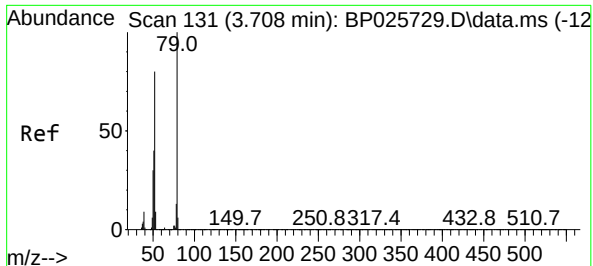
Tgt Ion:152 Resp: 192886
Ion Ratio Lower Upper
152 100
150 156.0 124.3 186.5
115 61.0 50.3 75.5



#2
1,4-Dioxane
Concen: 37.753 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion: 88 Resp: 189414
Ion Ratio Lower Upper
88 100
58 77.4 65.5 98.3
43 27.0 25.2 37.8

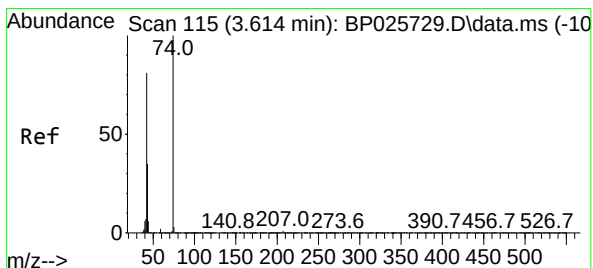
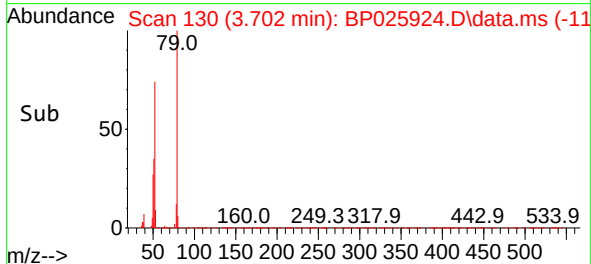
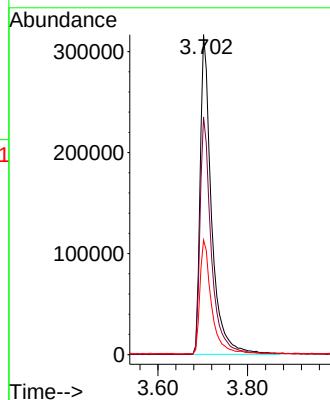
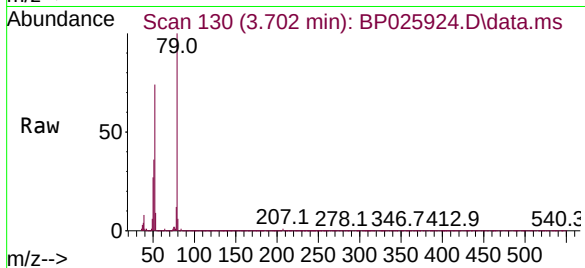




#3
Pyridine
Concen: 40.331 ng
RT: 3.702 min Scan# 131
Delta R.T. -0.006 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

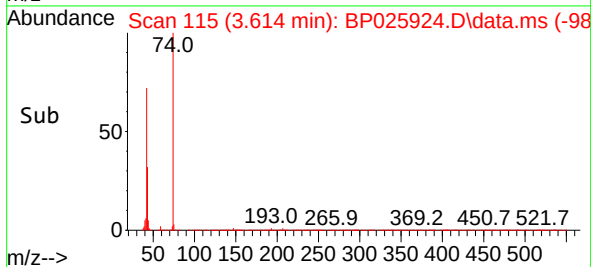
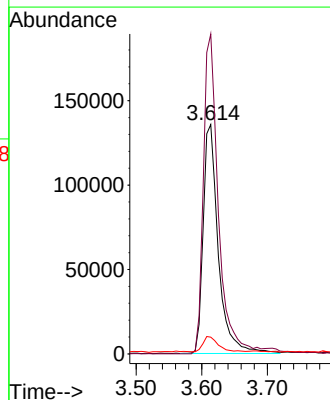
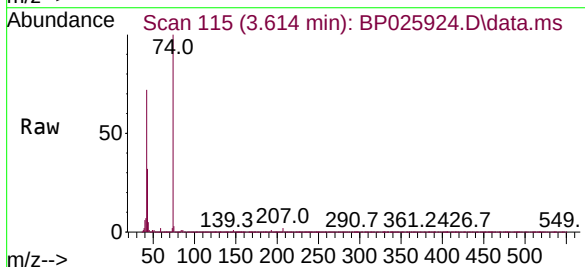
Instrument :
BNA_P
ClientSampleId :
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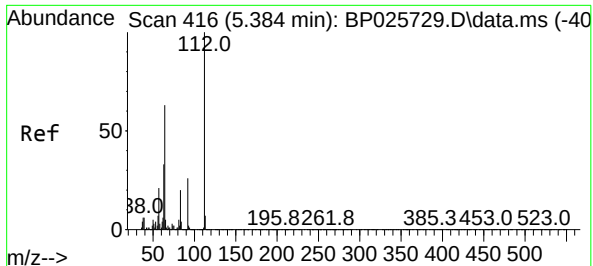
Tgt Ion: 79 Resp: 557176
Ion Ratio Lower Upper
79 100
52 74.3 63.7 95.5
51 35.8 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 33.208 ng
RT: 3.614 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion: 42 Resp: 216478
Ion Ratio Lower Upper
42 100
74 139.5 99.2 148.8
44 7.3 6.4 9.6

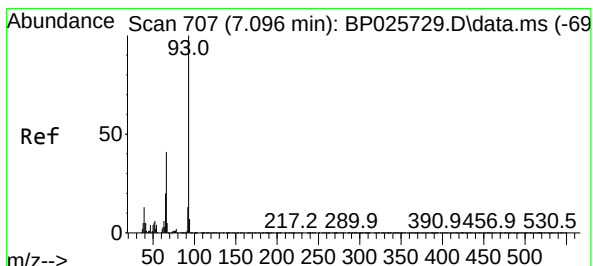
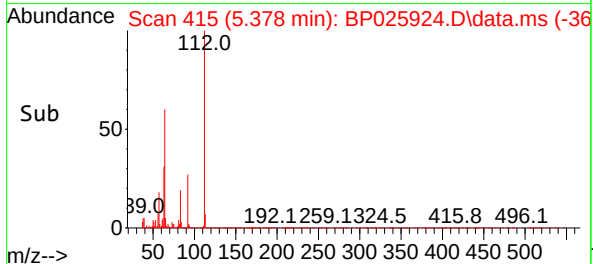
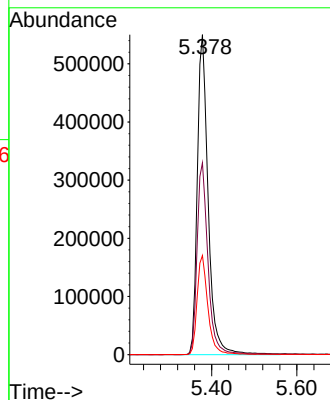
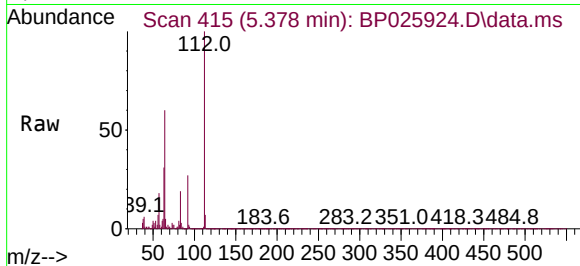




#5
2-Fluorophenol
Concen: 81.243 ng
RT: 5.378 min Scan# 411
Delta R.T. -0.006 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

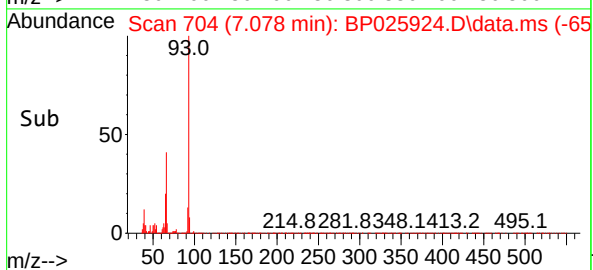
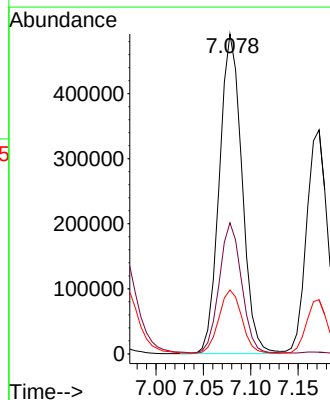
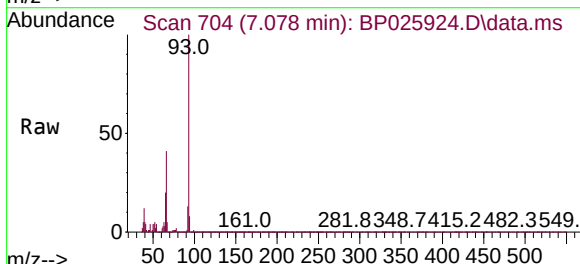
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BNA_P
ClientSampleId :
SSTDCCC040

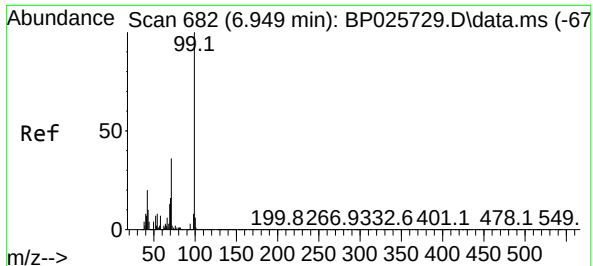
Tgt Ion:112 Resp: 971186
Ion Ratio Lower Upper
112 100
64 59.9 50.2 75.4
63 31.0 26.7 40.1



#6
Aniline
Concen: 37.420 ng
RT: 7.078 min Scan# 704
Delta R.T. -0.018 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion: 93 Resp: 816197
Ion Ratio Lower Upper
93 100
66 41.0 32.6 49.0
65 20.0 16.2 24.2



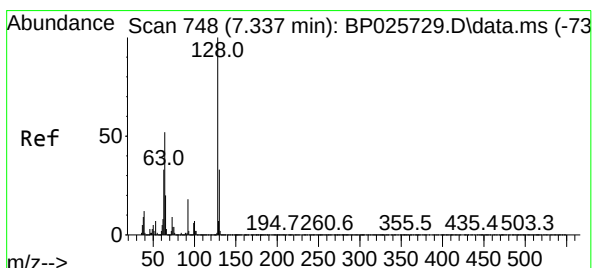
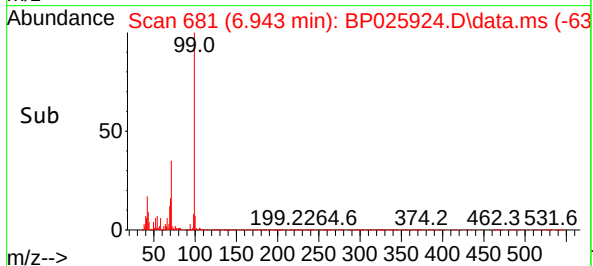
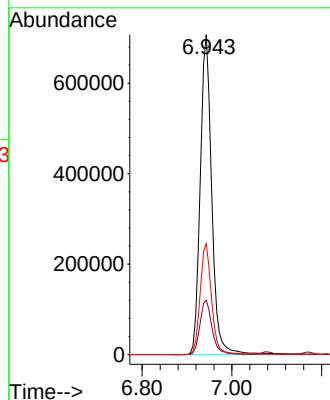
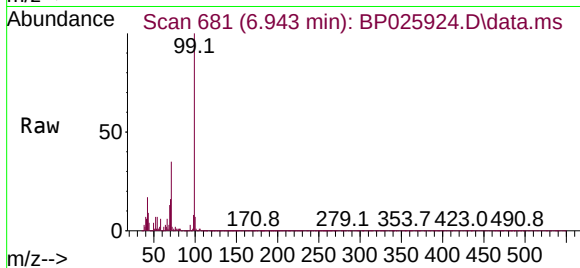


#7
Phenol-d6
Concen: 79.169 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 1257929

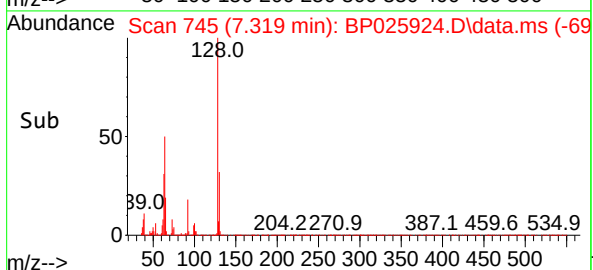
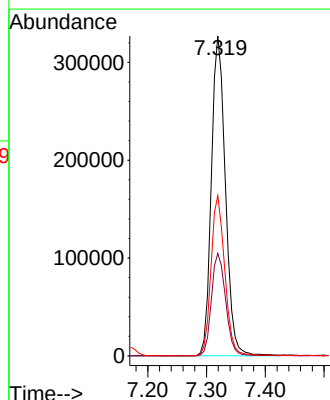
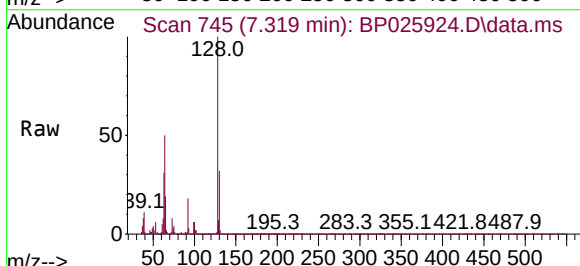
Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.6	23.4
71	34.6	28.6	43.0

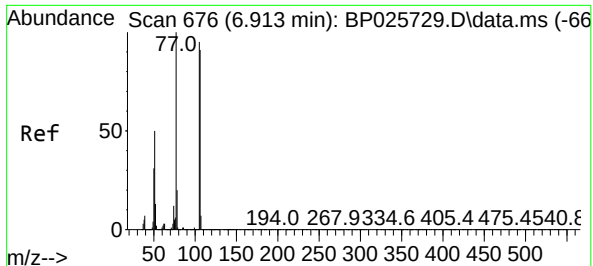


#8
2-Chlorophenol
Concen: 41.478 ng
RT: 7.319 min Scan# 745
Delta R.T. -0.018 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion: 128 Resp: 543952

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	50.1	31.6	71.6

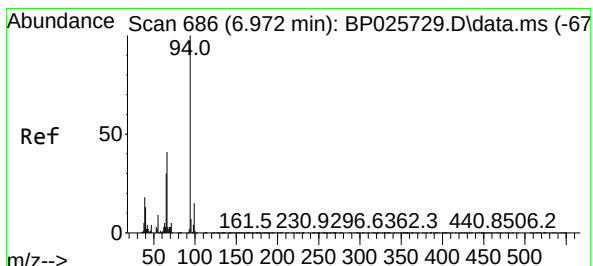
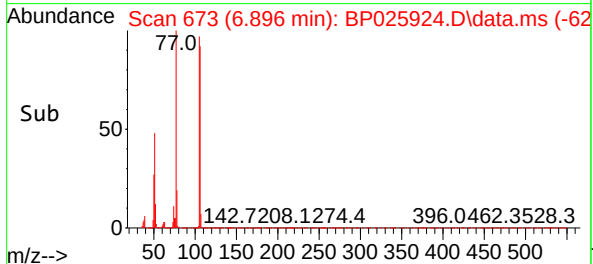
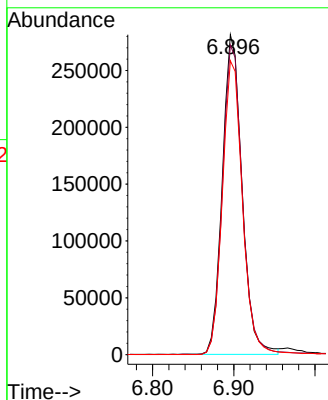
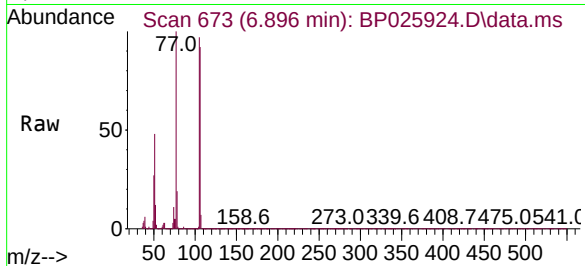




#9
Benzaldehyde
Concen: 49.828 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

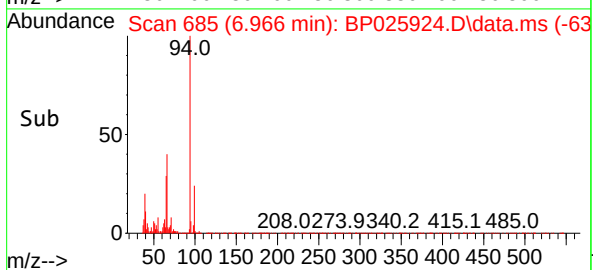
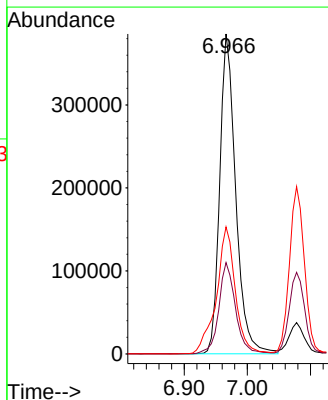
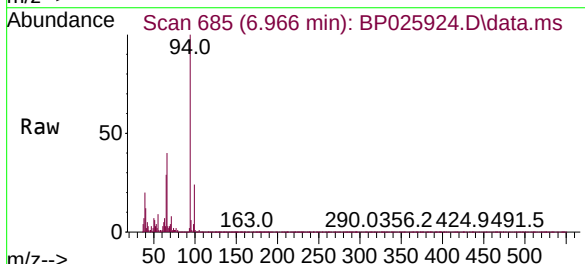
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

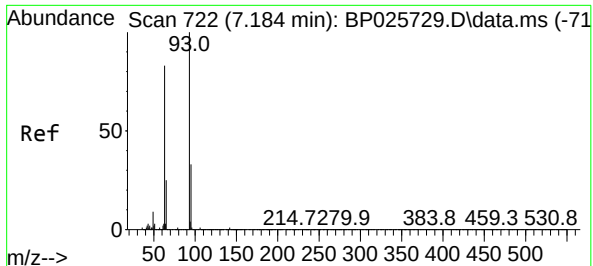
Tgt Ion: 77 Resp: 474547
Ion Ratio Lower Upper
77 100
105 96.7 75.2 115.2
106 91.8 71.3 111.3



#10
Phenol
Concen: 40.539 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion: 94 Resp: 679203
Ion Ratio Lower Upper
94 100
65 28.5 10.2 50.2
66 39.7 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 40.065 ng

RT: 7.172 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

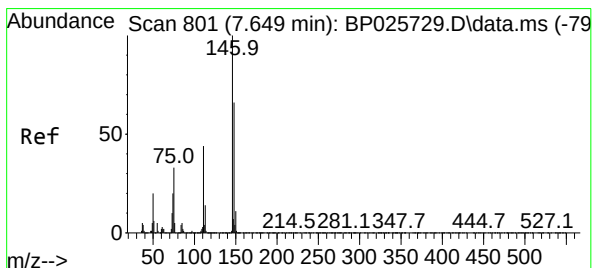
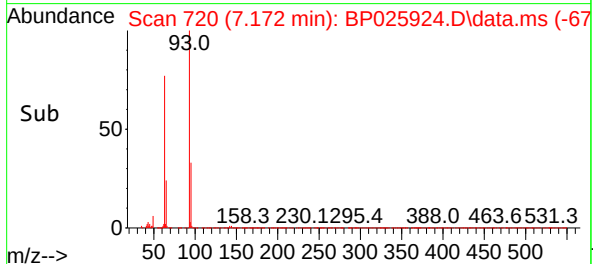
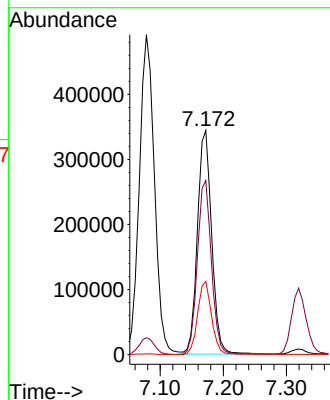
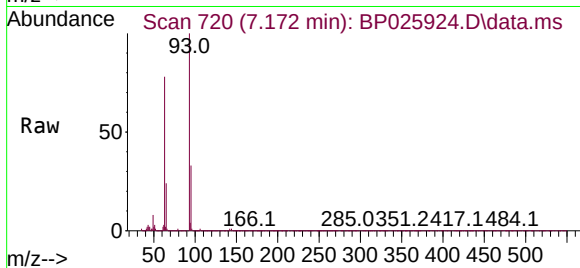
Tgt Ion: 93 Resp: 539304

Ion Ratio Lower Upper

93 100

63 77.6 62.6 102.6

95 32.6 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 39.012 ng

RT: 7.625 min Scan# 797

Delta R.T. -0.024 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

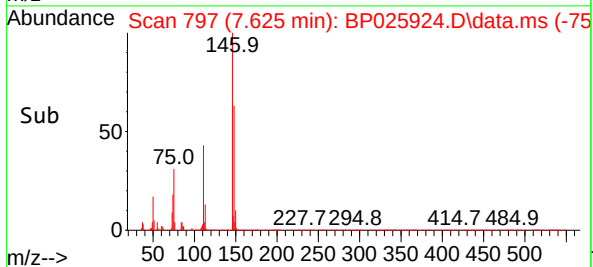
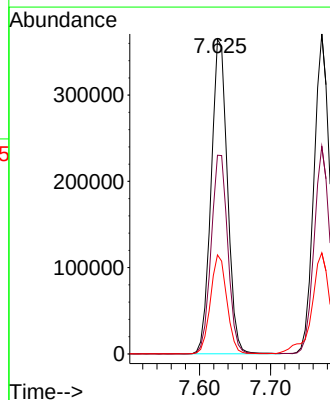
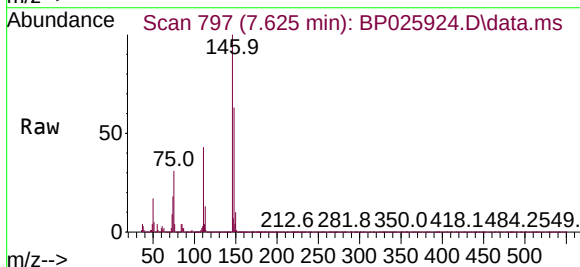
Tgt Ion:146 Resp: 582277

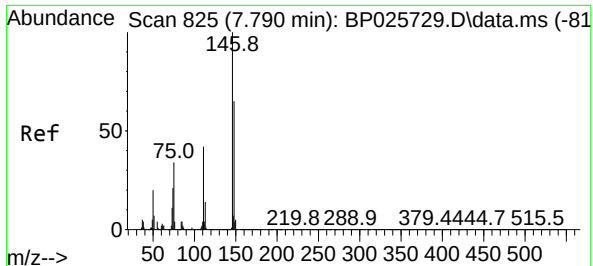
Ion Ratio Lower Upper

146 100

148 63.1 52.7 79.1

75 31.5 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 38.348 ng

RT: 7.772 min Scan# 81

Delta R.T. -0.018 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

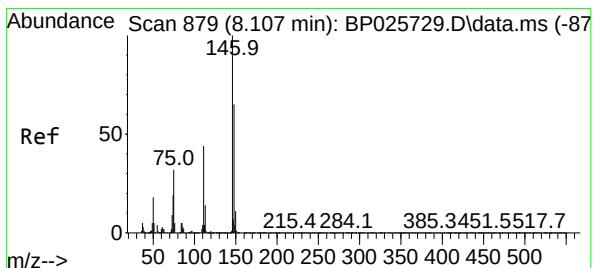
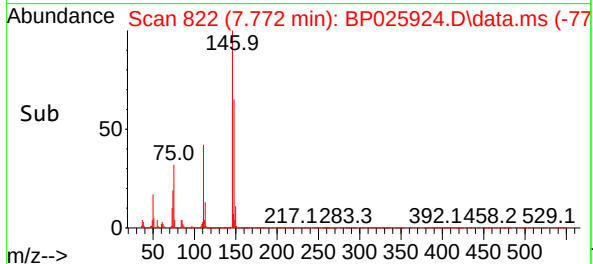
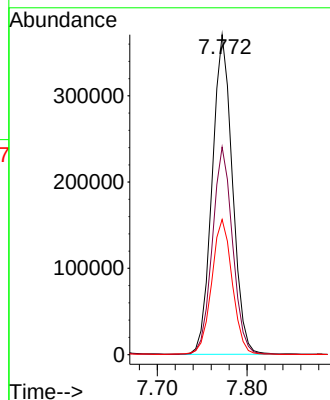
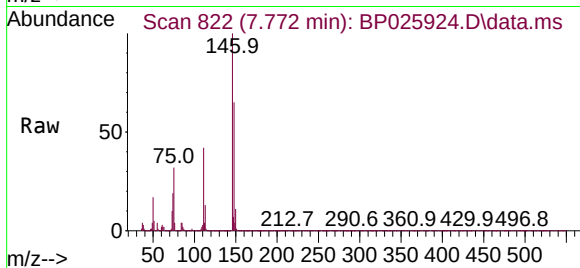
Tgt Ion:146 Resp: 583025

Ion Ratio Lower Upper

146 100

148 64.9 52.0 78.0

111 42.2 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 38.176 ng

RT: 8.084 min Scan# 875

Delta R.T. -0.024 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

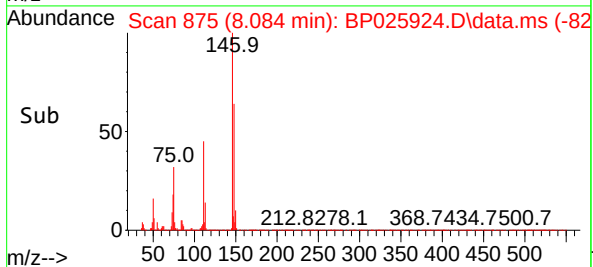
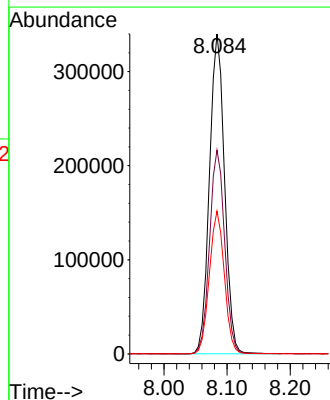
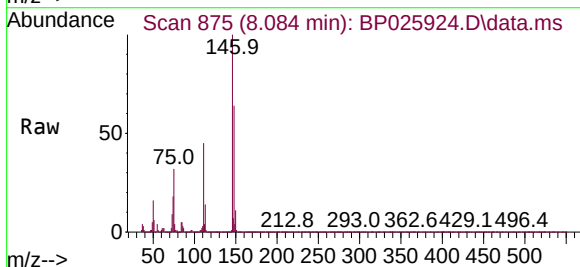
Tgt Ion:146 Resp: 563862

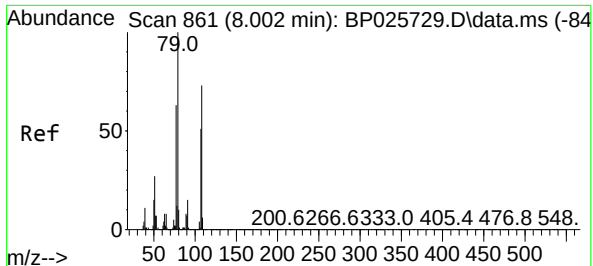
Ion Ratio Lower Upper

146 100

148 63.7 51.7 77.5

111 44.6 35.5 53.3

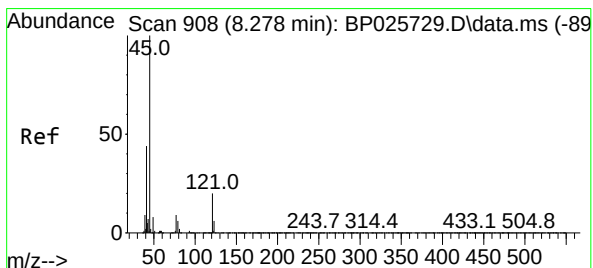
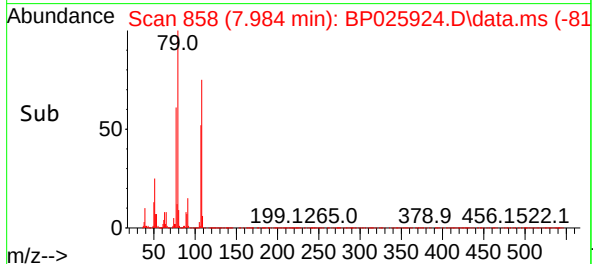
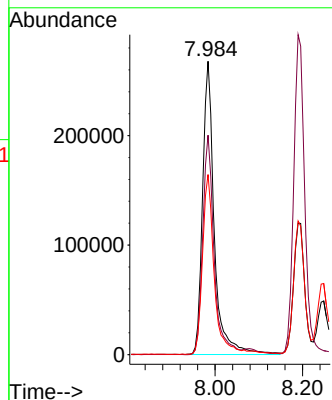
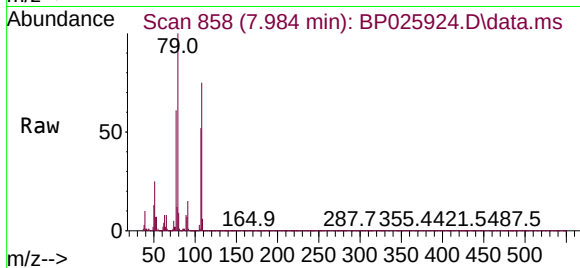




#15
Benzyl Alcohol
Concen: 37.700 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

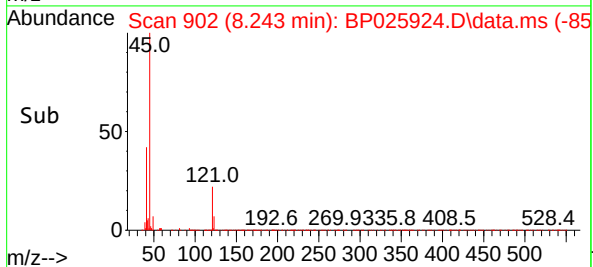
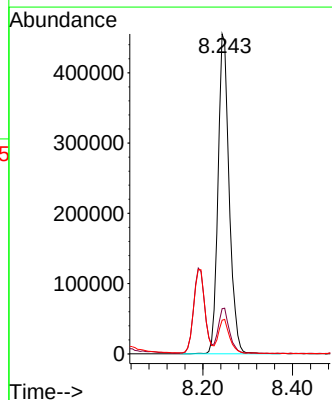
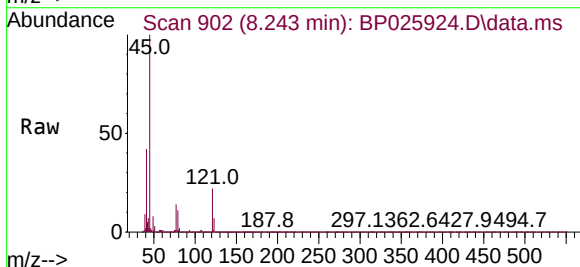
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

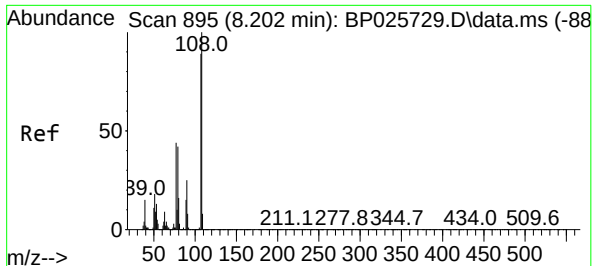
Tgt Ion: 79 Resp: 494996
Ion Ratio Lower Upper
79 100
108 74.8 58.7 88.1
77 61.4 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.684 ng
RT: 8.243 min Scan# 902
Delta R.T. -0.035 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion: 45 Resp: 785505
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.1
79 10.5 0.0 30.0

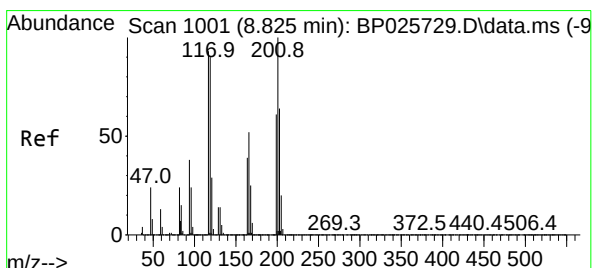
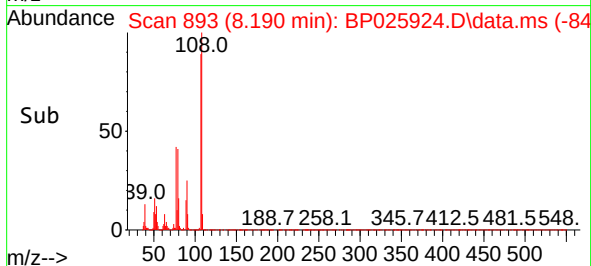
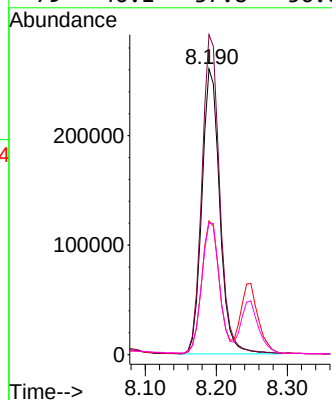
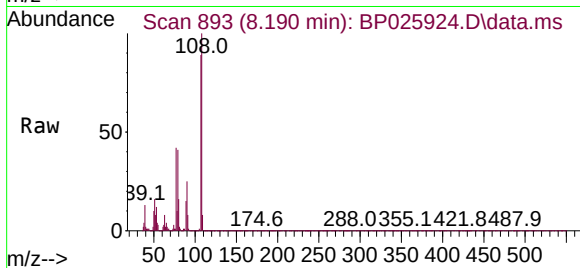




#17
2-Methylphenol
Concen: 39.998 ng
RT: 8.190 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

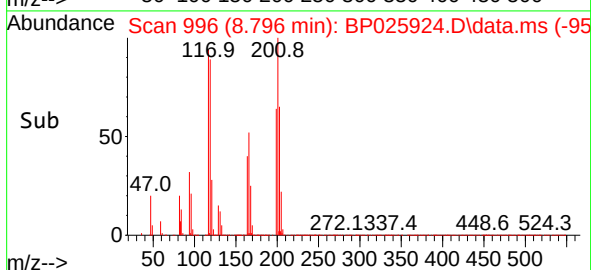
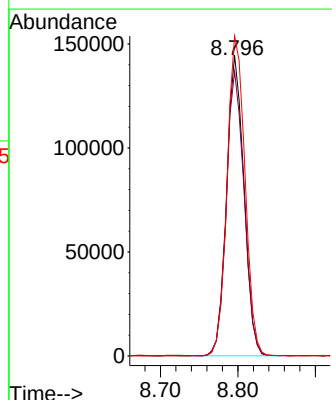
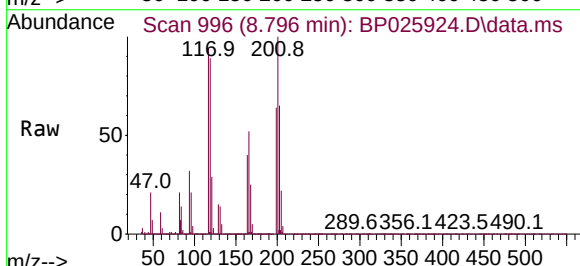
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

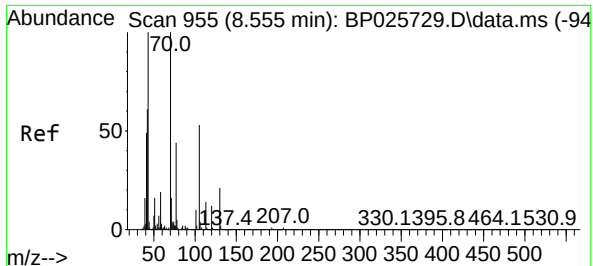
Tgt Ion:107 Resp: 451805
Ion Ratio Lower Upper
107 100
108 112.0 89.6 134.4
77 46.8 39.3 58.9
79 46.1 37.8 56.6



#18
Hexachloroethane
Concen: 38.973 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:117 Resp: 226331
Ion Ratio Lower Upper
117 100
119 94.7 77.1 115.7
201 106.5 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 37.718 ng

RT: 8.537 min Scan# 91

Delta R.T. -0.018 min

Lab File: BP025924.D

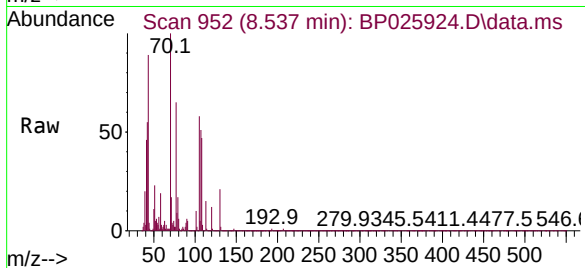
Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

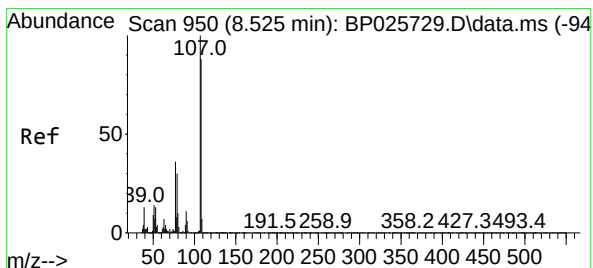
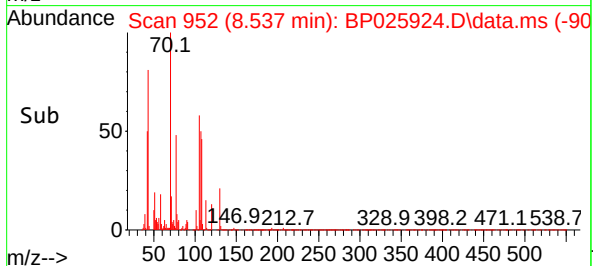
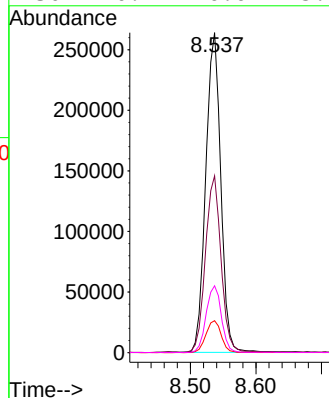
ClientSampleId :

SSTDCCC040



Tgt Ion: 70 Resp: 418006

Ion	Ratio	Lower	Upper
70	100		
42	55.2	49.0	73.4
101	10.0	7.9	11.9
130	20.9	16.6	25.0



#20

3+4-Methylphenols

Concen: 38.877 ng

RT: 8.519 min Scan# 949

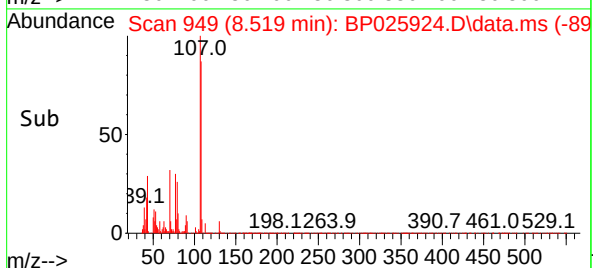
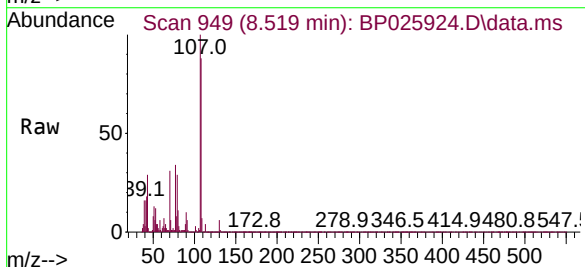
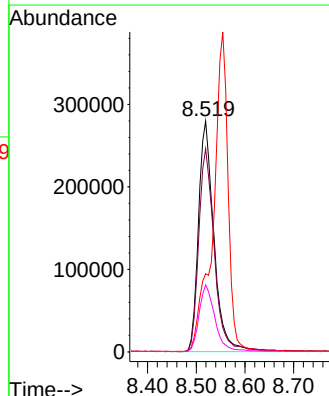
Delta R.T. -0.006 min

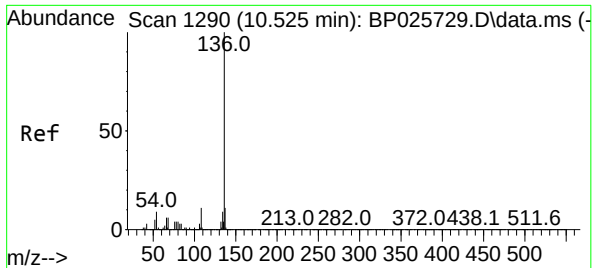
Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Tgt Ion: 107 Resp: 615013

Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.8	107.8
77	33.9	16.1	56.1
79	29.0	10.5	50.5

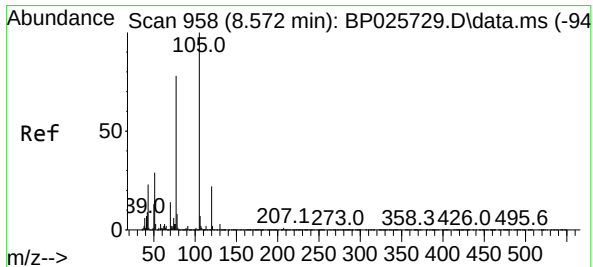
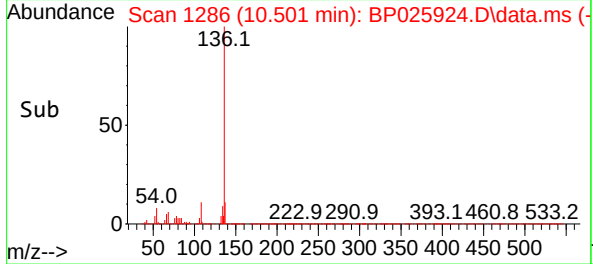
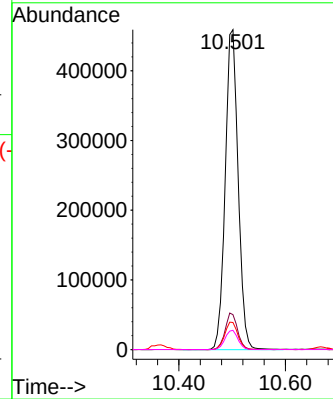
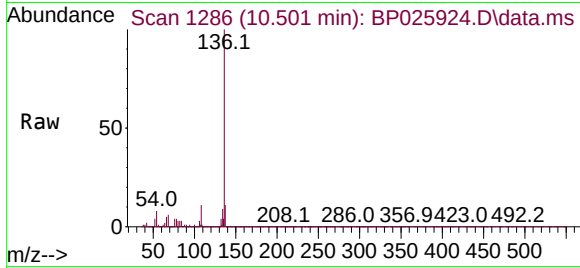




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

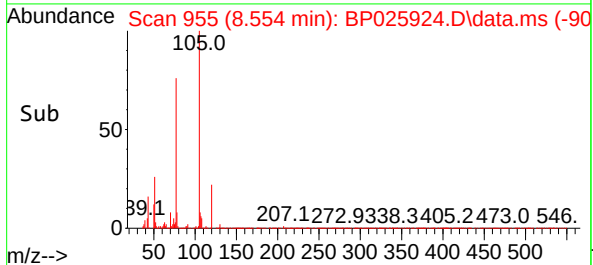
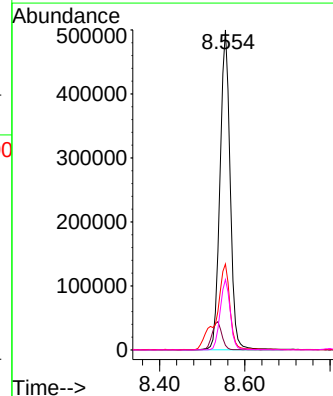
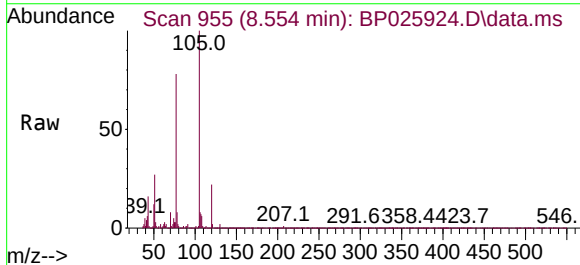
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

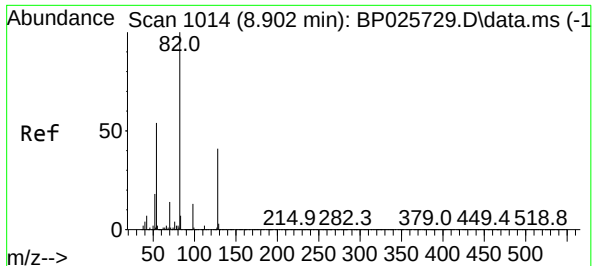
Tgt Ion:	136	Resp:	769676
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.7	13.1
54	8.5	7.5	11.3
68	6.1	5.0	7.6



#22
Acetophenone
Concen: 40.067 ng
RT: 8.554 min Scan# 955
Delta R.T. -0.018 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:	105	Resp:	824128
Ion Ratio	Lower	Upper	
105	100		
71	1.4	1.8	2.8
51	26.8	23.5	35.3
120	22.0	17.7	26.5

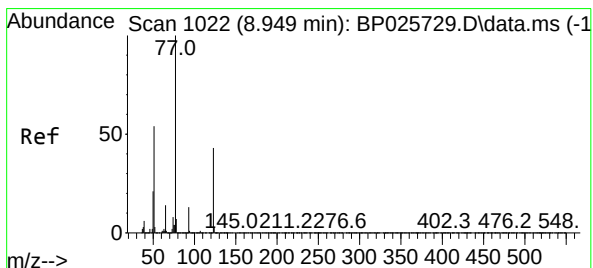
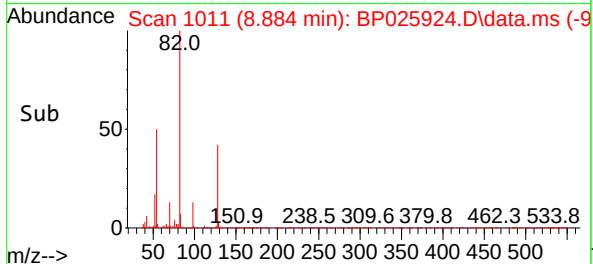
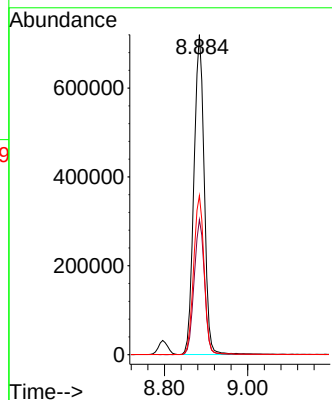
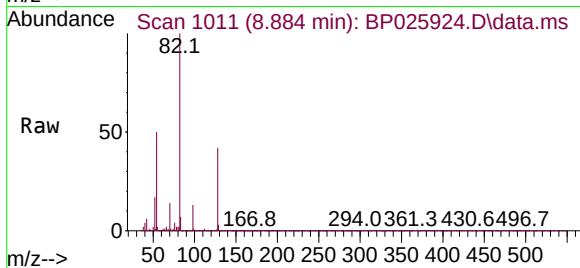




#23
Nitrobenzene-d5
Concen: 71.019 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

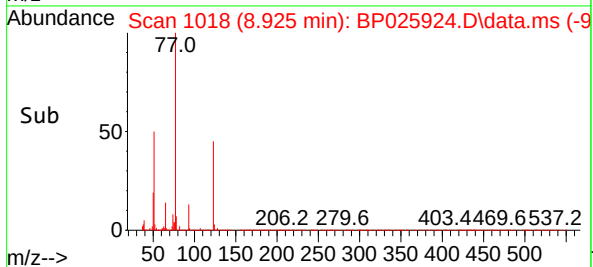
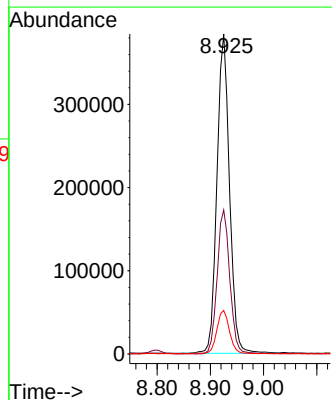
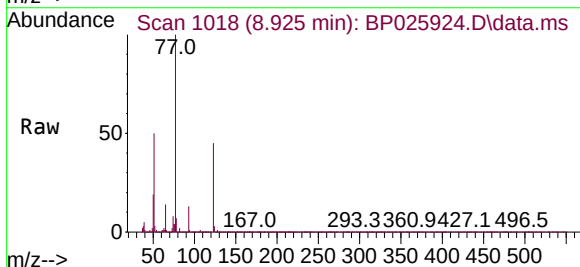
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

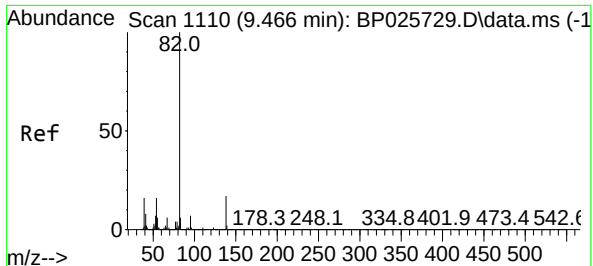
Tgt Ion: 82 Resp: 1239183
Ion Ratio Lower Upper
82 100
128 42.2 32.9 49.3
54 49.7 43.4 65.2



#24
Nitrobenzene
Concen: 40.173 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.024 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion: 77 Resp: 628829
Ion Ratio Lower Upper
77 100
123 45.0 34.4 51.6
65 13.6 10.8 16.2



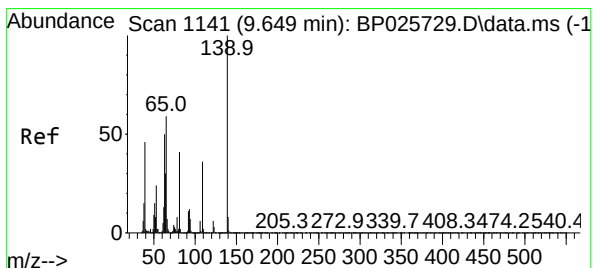
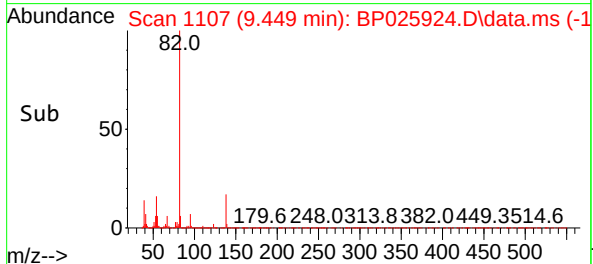
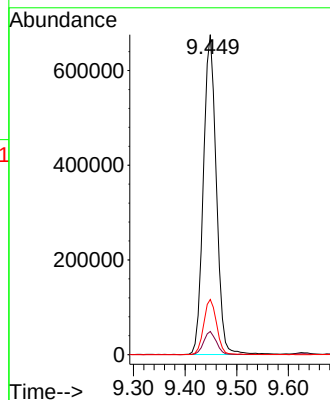
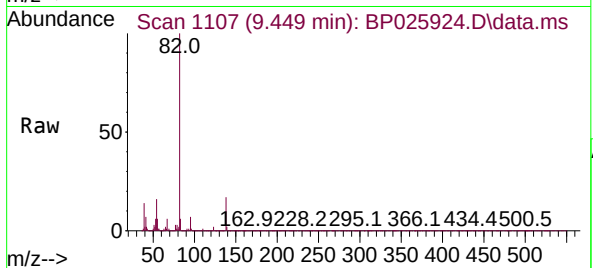


#25
Isophorone
Concen: 38.301 ng
RT: 9.449 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 1174665

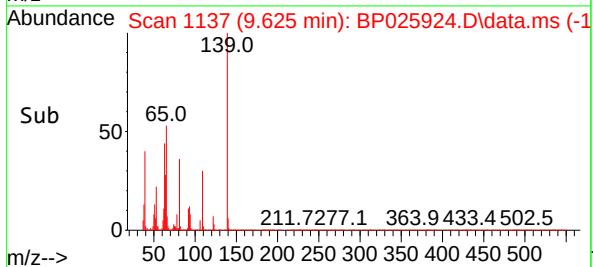
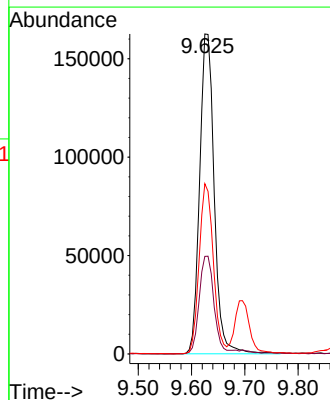
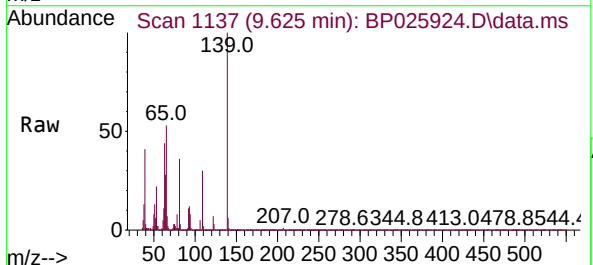
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	17.2	13.5	20.3

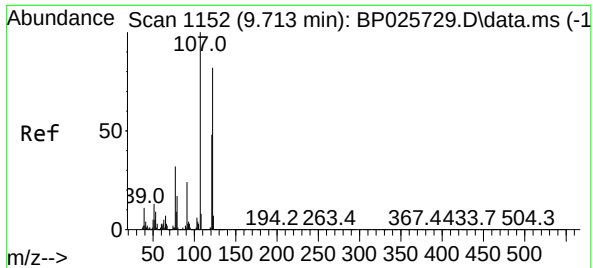


#26
2-Nitrophenol
Concen: 44.479 ng
RT: 9.625 min Scan# 1137
Delta R.T. -0.024 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion: 139 Resp: 309115

Ion	Ratio	Lower	Upper
139	100		
109	30.5	29.0	43.4
65	53.2	46.9	70.3





#27

2,4-Dimethylphenol

Concen: 36.991 ng

RT: 9.696 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

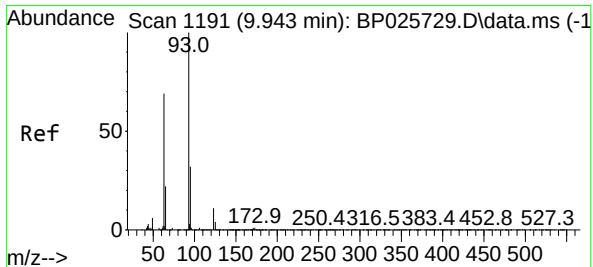
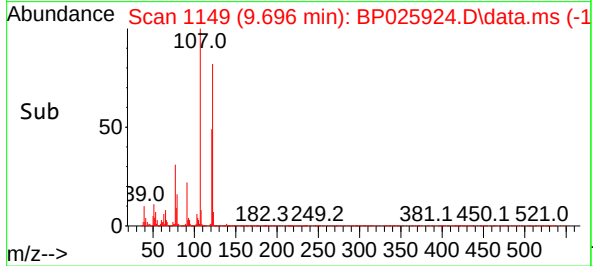
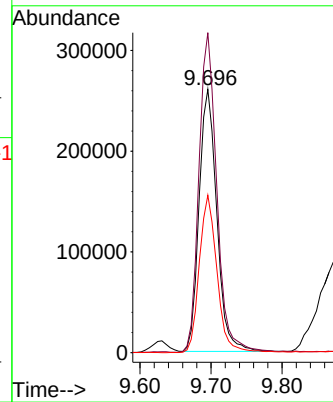
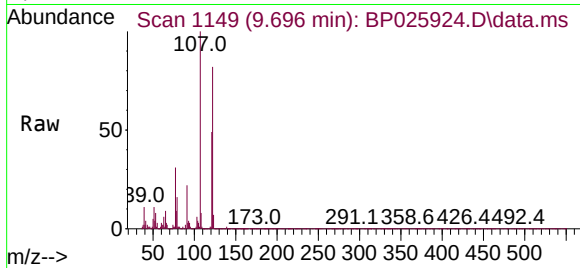
Tgt Ion:122 Resp: 451000

Ion Ratio Lower Upper

122 100

107 121.6 97.9 146.9

121 59.8 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 39.925 ng

RT: 9.913 min Scan# 1186

Delta R.T. -0.030 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

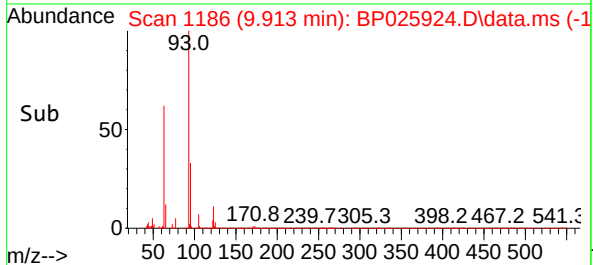
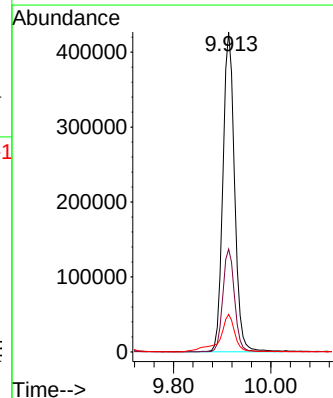
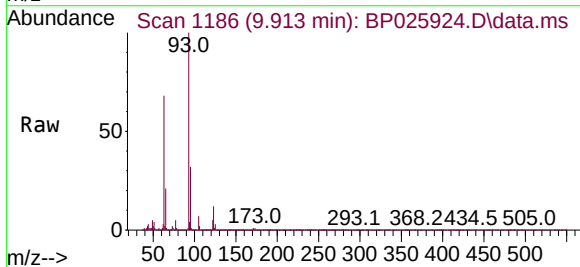
Tgt Ion: 93 Resp: 707791

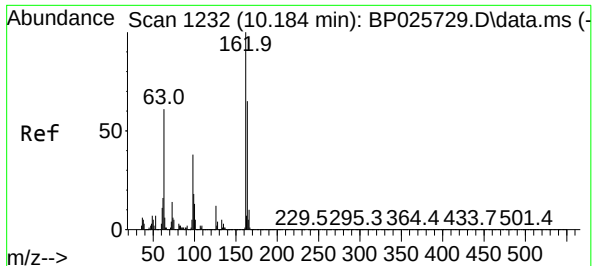
Ion Ratio Lower Upper

93 100

95 32.1 25.6 38.4

123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.274 ng

RT: 10.178 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

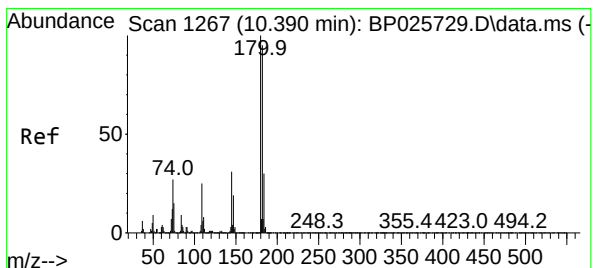
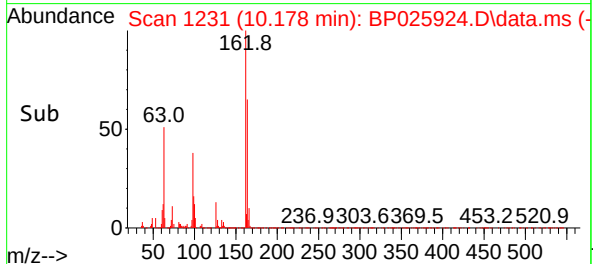
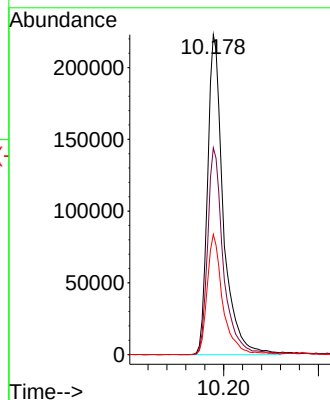
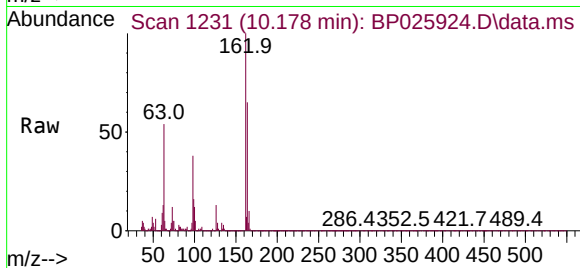
Tgt Ion:162 Resp: 513894

Ion Ratio Lower Upper

162 100

164 64.6 44.7 84.7

98 37.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 39.061 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.024 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

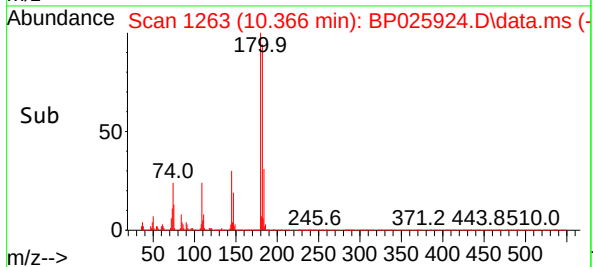
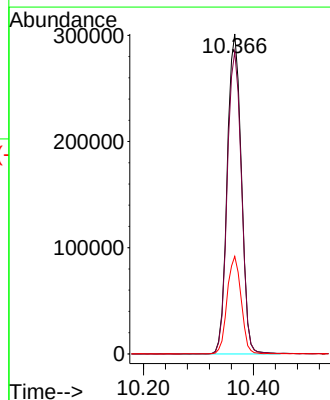
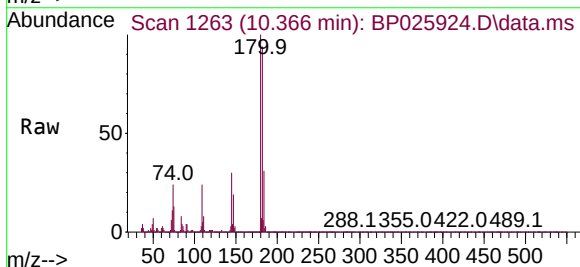
Tgt Ion:180 Resp: 535138

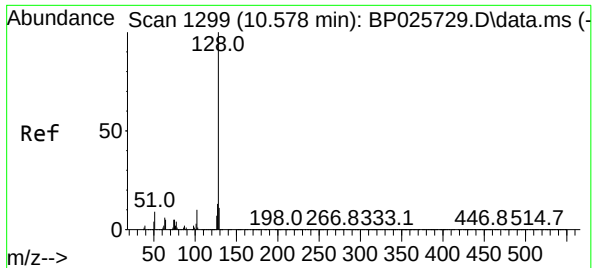
Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

145 30.5 24.7 37.1

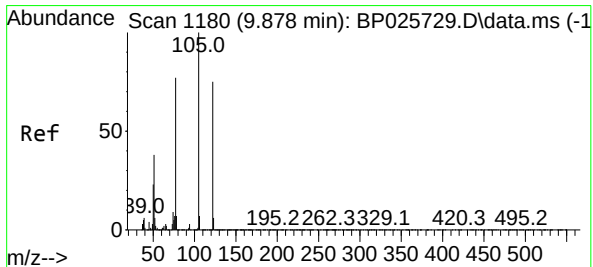
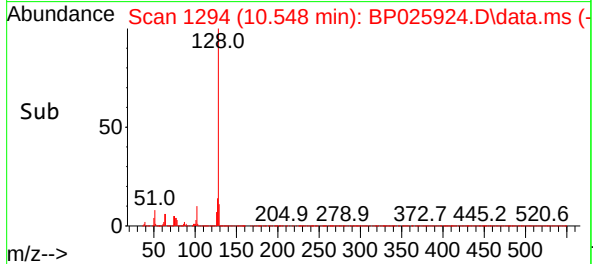
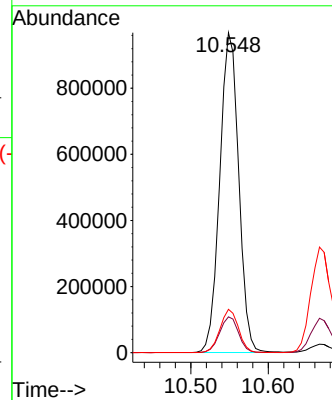
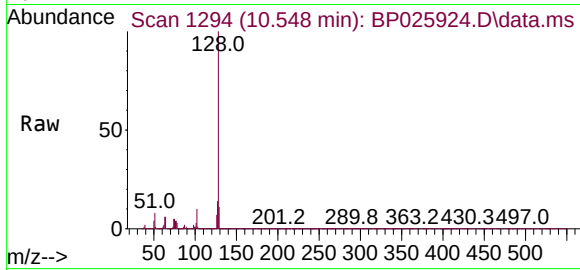




#31
Naphthalene
Concen: 39.632 ng
RT: 10.548 min Scan# 111
Delta R.T. -0.030 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

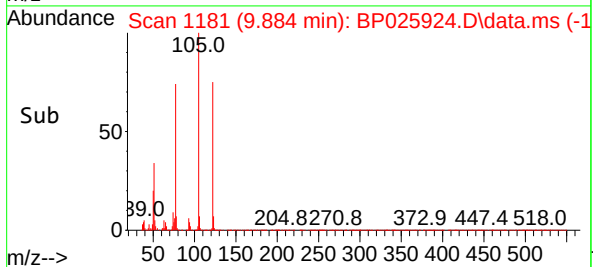
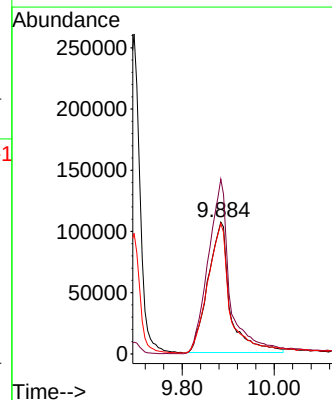
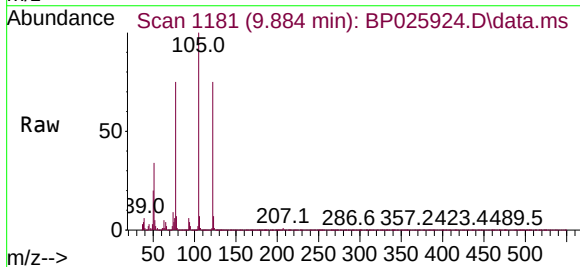
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

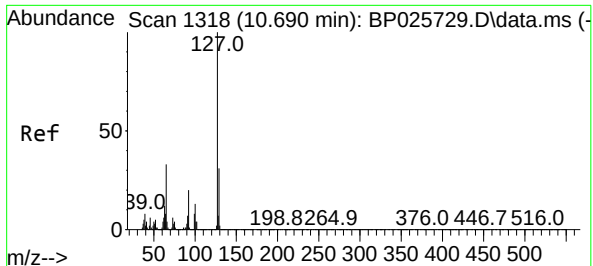
Tgt Ion:128 Resp: 1644782
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.5 10.2 15.4



#32
Benzoic acid
Concen: 39.252 ng
RT: 9.884 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:122 Resp: 355806
Ion Ratio Lower Upper
122 100
105 132.7 111.5 151.5
77 98.9 81.8 121.8

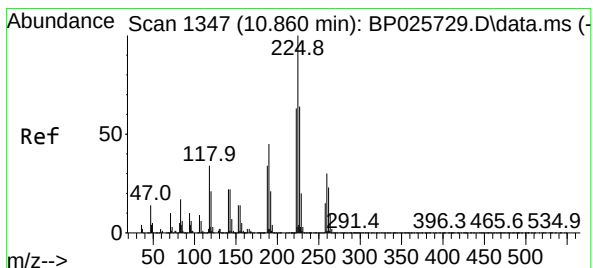
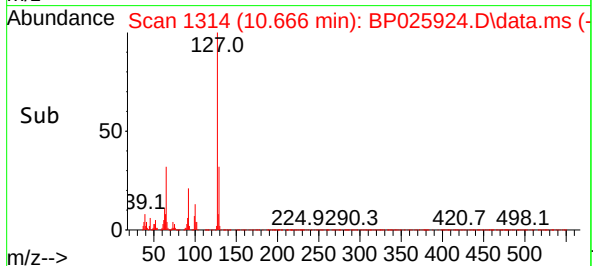
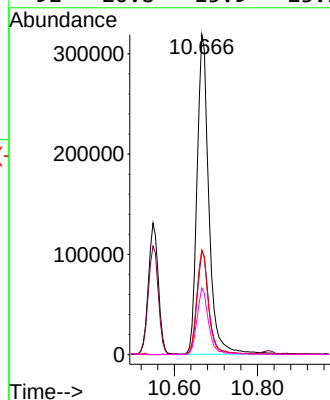
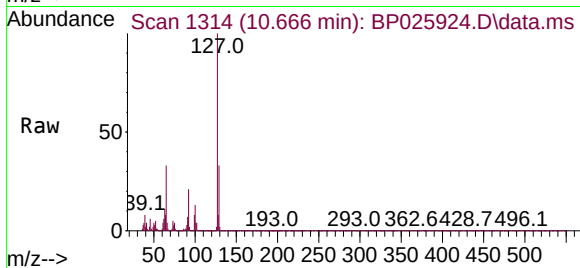




#33
4-Chloroaniline
Concen: 36.372 ng
RT: 10.666 min Scan# 1314
Delta R.T. -0.024 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

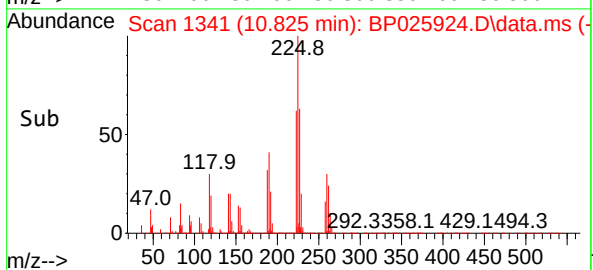
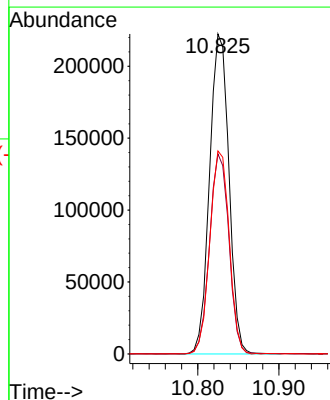
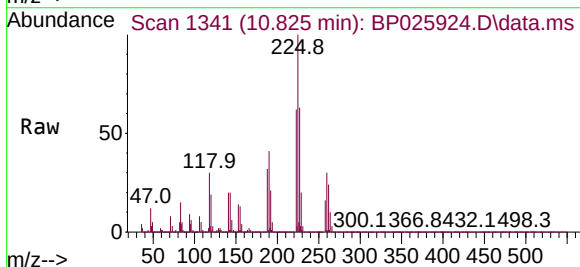
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

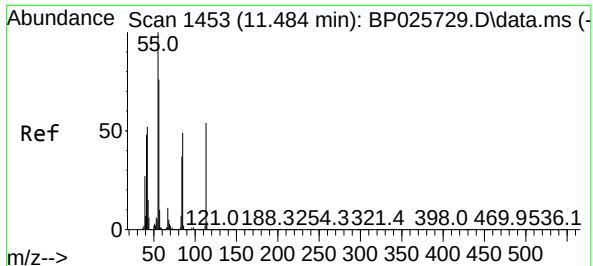
Tgt Ion:	127	Resp:	629156
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.1	37.7
65	32.6	26.4	39.6
92	20.8	15.9	23.9



#34
Hexachlorobutadiene
Concen: 41.789 ng
RT: 10.825 min Scan# 1341
Delta R.T. -0.035 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:	225	Resp:	368552
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	63.4	51.2	76.8

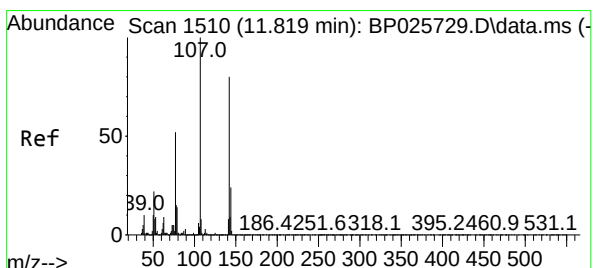
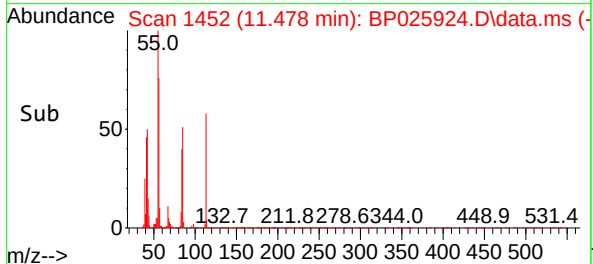
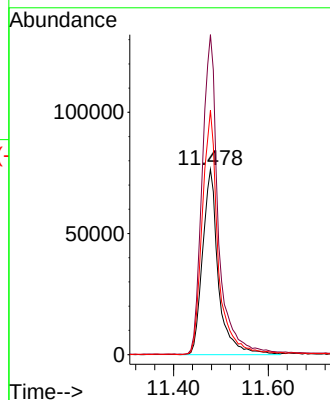
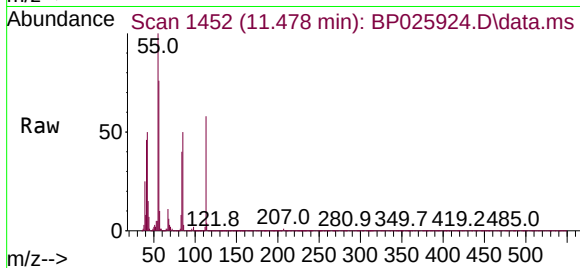




#35
Caprolactam
Concen: 37.762 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

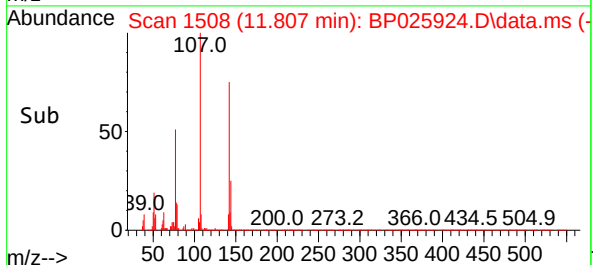
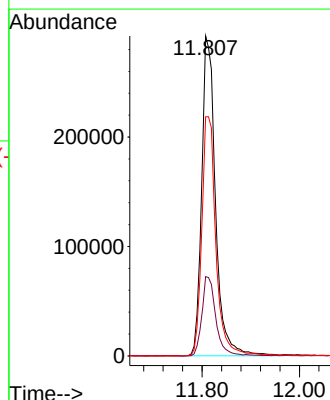
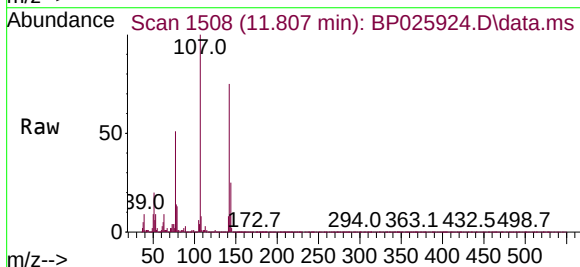
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

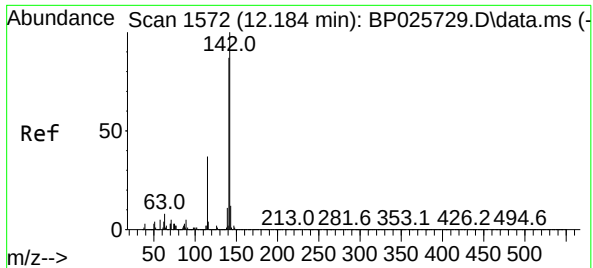
Tgt Ion:113 Resp: 176953
Ion Ratio Lower Upper
113 100
55 172.8 165.5 205.5
56 131.9 121.1 161.1



#36
4-Chloro-3-methylphenol
Concen: 39.741 ng
RT: 11.807 min Scan# 1508
Delta R.T. -0.012 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:107 Resp: 575967
Ion Ratio Lower Upper
107 100
144 24.8 19.4 29.2
142 74.7 63.8 95.6

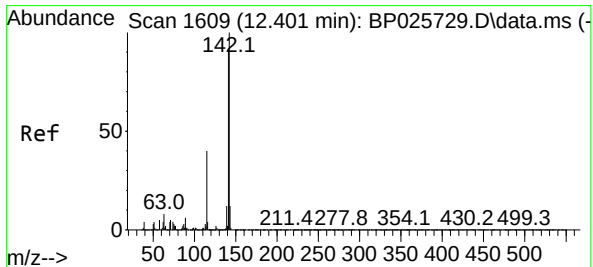
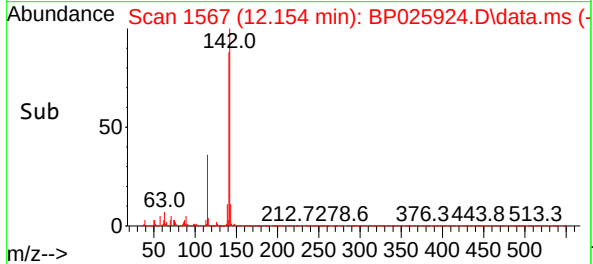
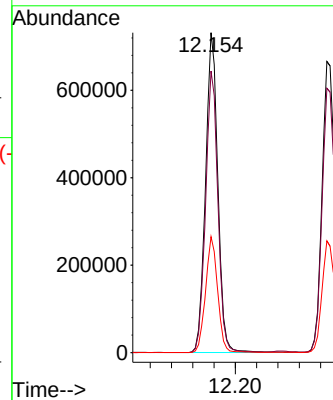
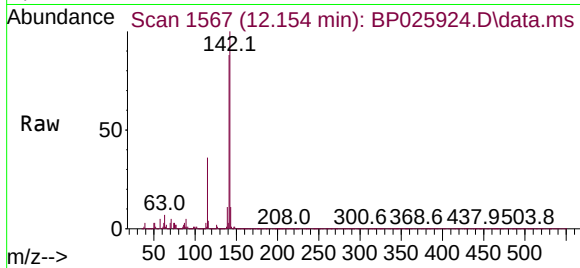




#37
2-Methylnaphthalene
Concen: 43.959 ng
RT: 12.154 min Scan# 11
Delta R.T. -0.030 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

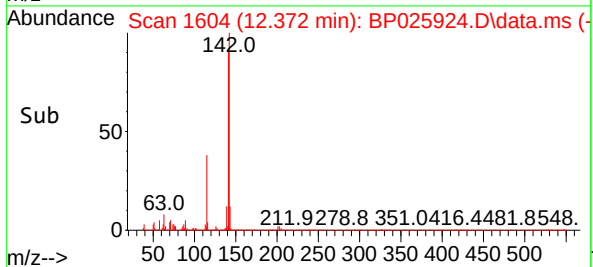
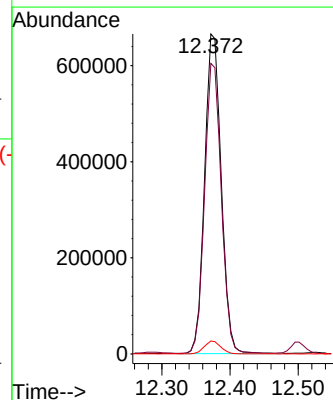
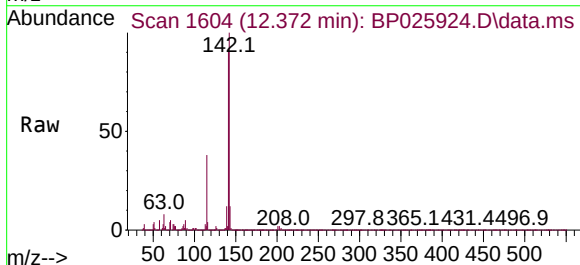
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

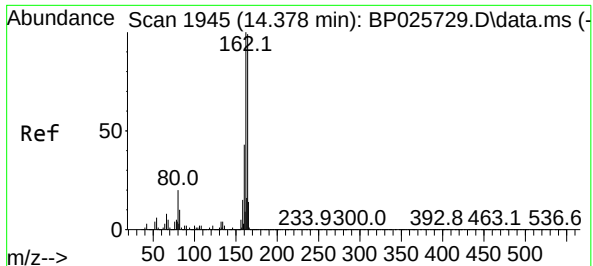
Tgt Ion:142 Resp: 1171744
Ion Ratio Lower Upper
142 100
141 88.0 69.6 104.4
115 36.2 30.0 45.0



#38
1-Methylnaphthalene
Concen: 39.718 ng
RT: 12.372 min Scan# 1604
Delta R.T. -0.030 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:142 Resp: 1128970
Ion Ratio Lower Upper
142 100
141 90.8 72.7 109.1
116 4.0 3.5 5.3

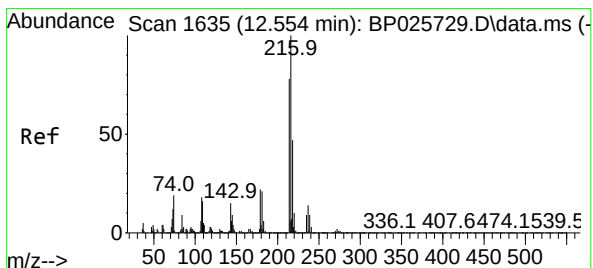
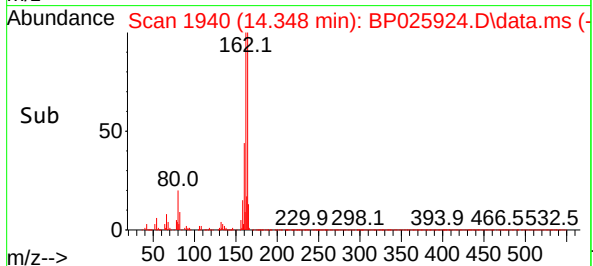
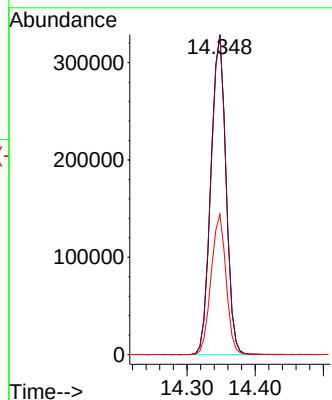
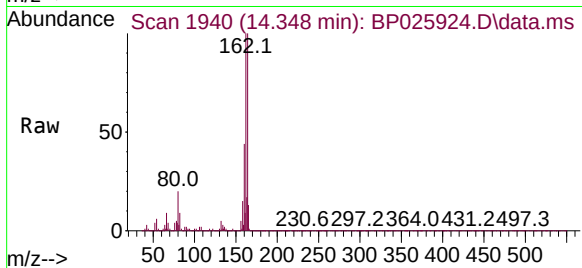




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

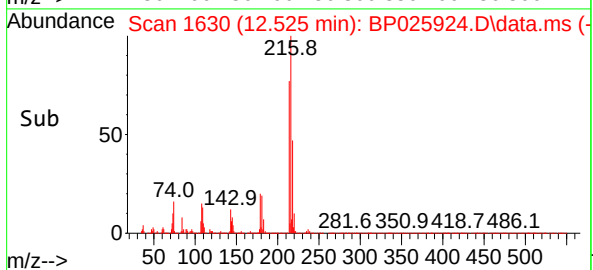
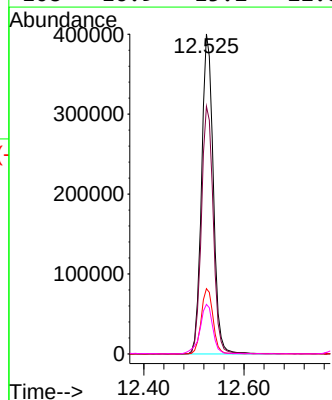
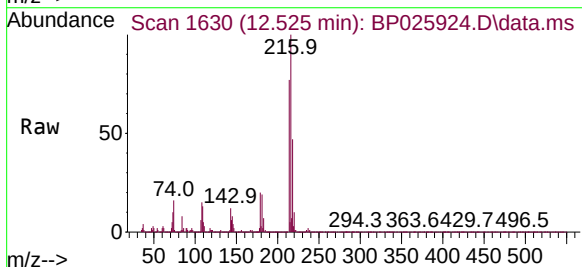
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

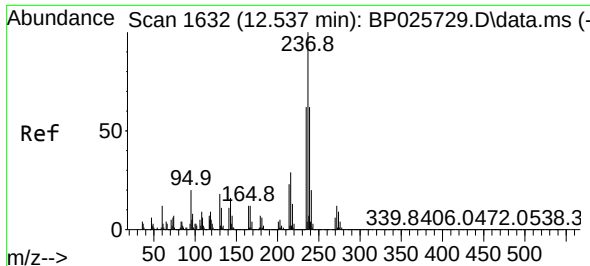
Tgt Ion:164 Resp: 505298
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 43.8 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.318 ng
RT: 12.525 min Scan# 1630
Delta R.T. -0.030 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:216 Resp: 647974
Ion Ratio Lower Upper
216 100
214 78.6 62.4 93.6
179 20.7 17.0 25.6
108 16.9 15.2 22.8

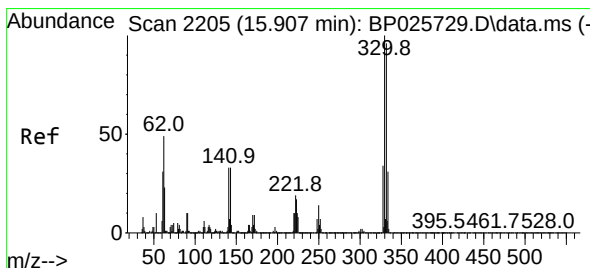
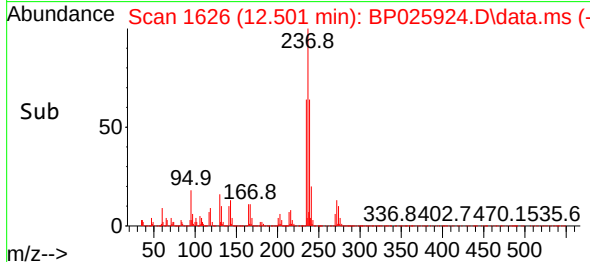
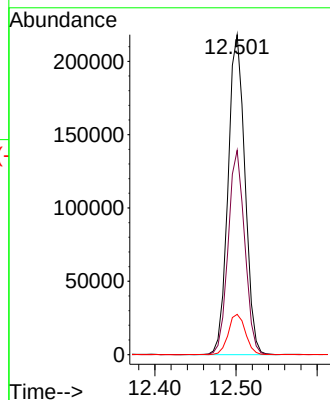
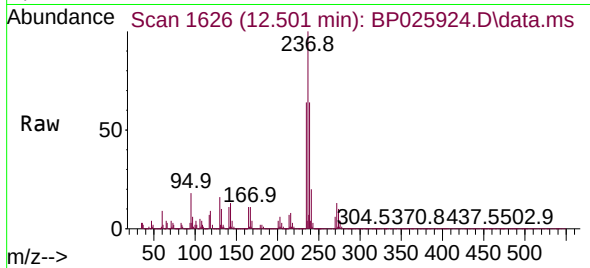




#41
Hexachlorocyclopentadiene
Concen: 37.735 ng
RT: 12.501 min Scan# 1
Delta R.T. -0.035 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

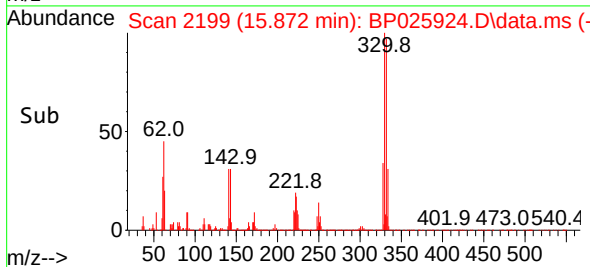
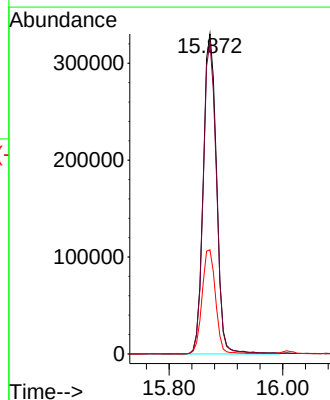
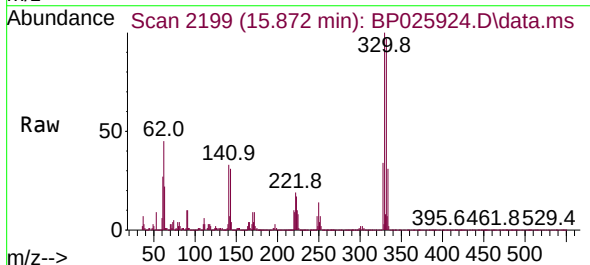
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

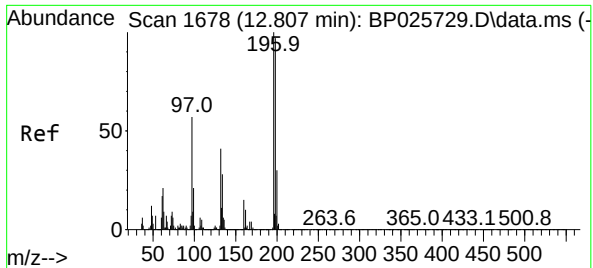
Tgt Ion:237 Resp: 314686
Ion Ratio Lower Upper
237 100
235 63.8 41.9 81.9
272 12.6 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 85.052 ng
RT: 15.872 min Scan# 2199
Delta R.T. -0.035 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:330 Resp: 536045
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 32.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 42.952 ng

RT: 12.778 min Scan# 1678

Delta R.T. -0.030 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

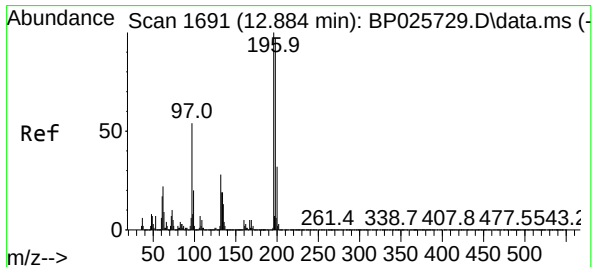
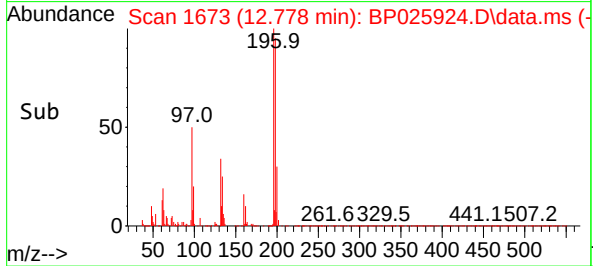
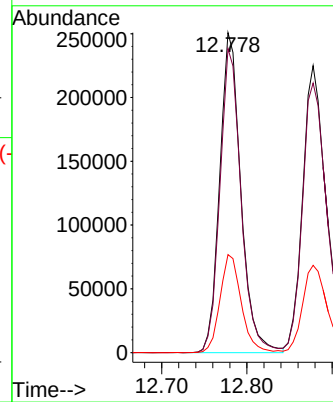
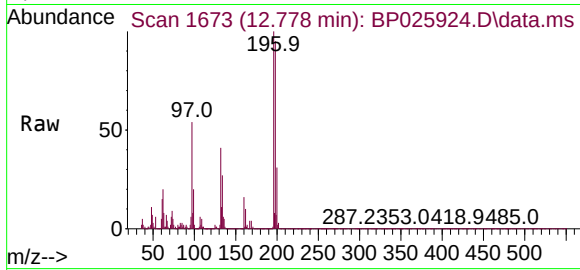
Tgt Ion:196 Resp: 432357

Ion Ratio Lower Upper

196 100

198 95.0 77.2 115.8

200 30.6 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 41.163 ng

RT: 12.878 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Tgt Ion:196 Resp: 461134

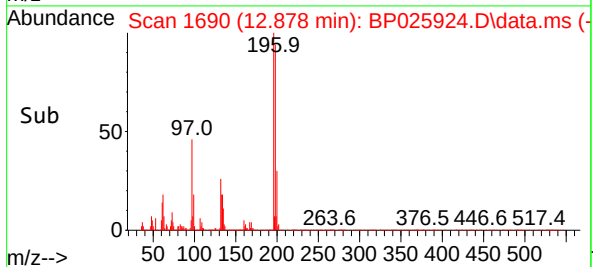
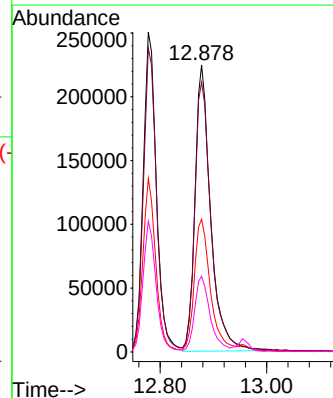
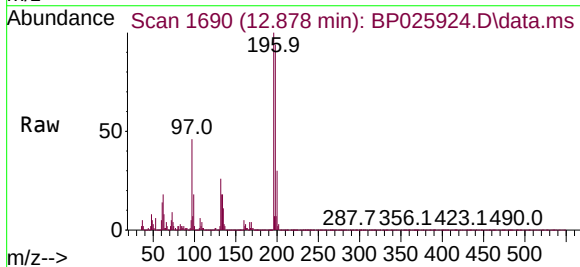
Ion Ratio Lower Upper

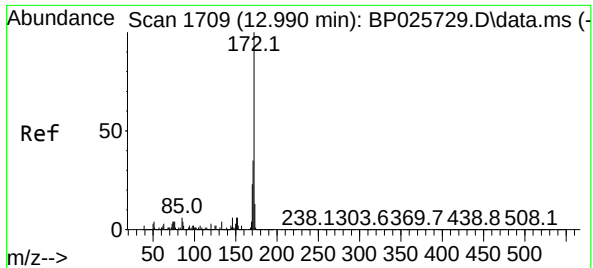
196 100

198 93.9 77.8 116.8

97 46.2 43.3 64.9

132 26.4 22.3 33.5

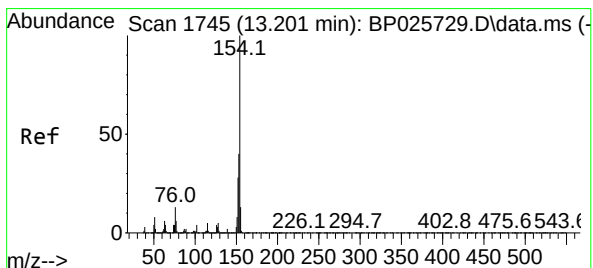
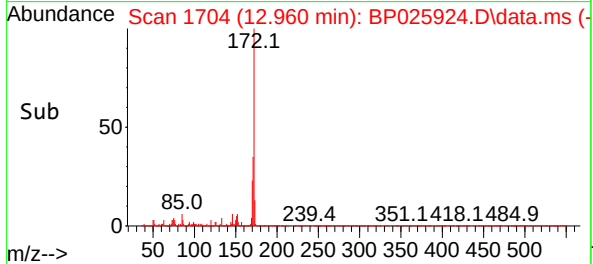
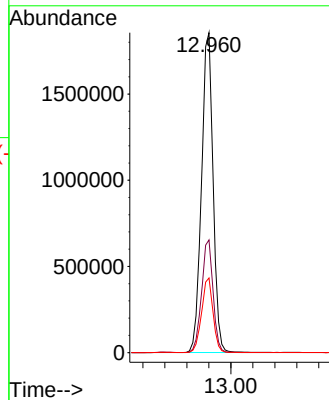
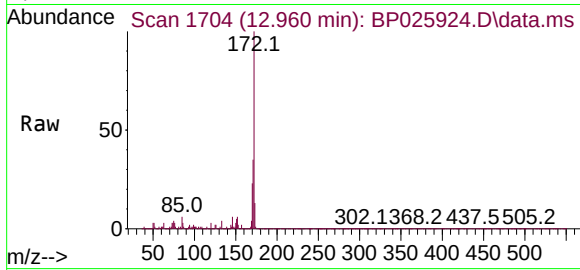




#45
2-Fluorobiphenyl
Concen: 71.321 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

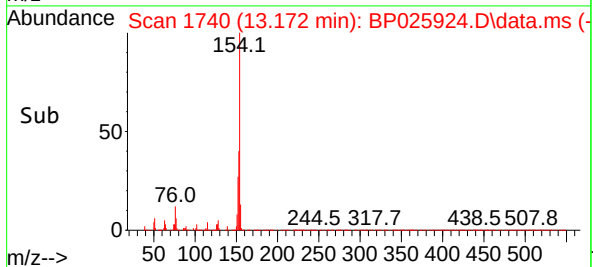
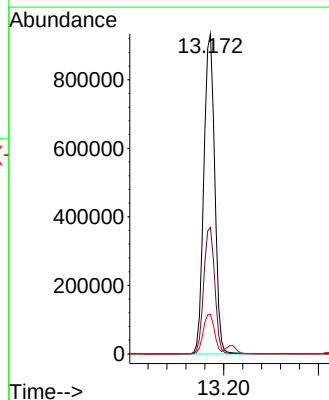
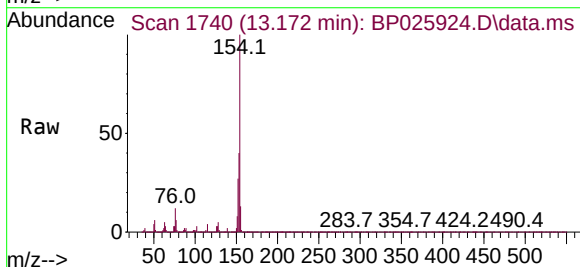
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

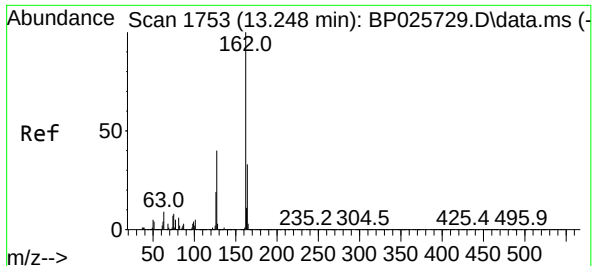
Tgt Ion:172 Resp: 2706584
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.3 18.6 27.8



#46
1,1'-Biphenyl
Concen: 40.199 ng
RT: 13.172 min Scan# 1740
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:154 Resp: 1490932
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 12.4 0.0 33.3





#47

2-Chloronaphthalene

Concen: 40.278 ng

RT: 13.219 min Scan# 1753

Delta R.T. -0.030 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

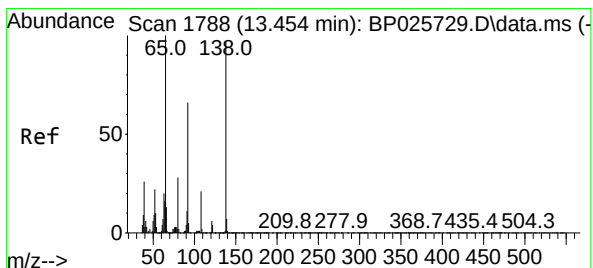
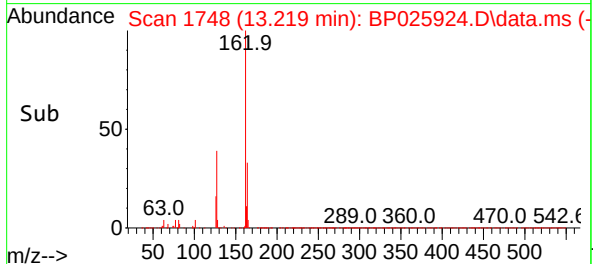
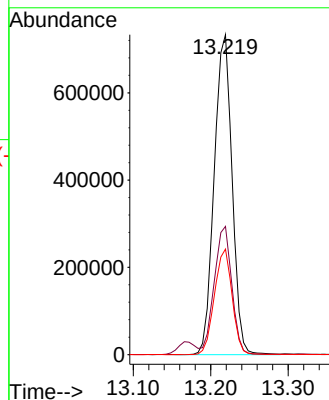
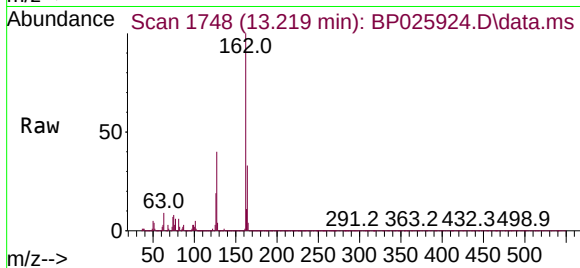
Tgt Ion:162 Resp: 1176269

Ion Ratio Lower Upper

162 100

127 40.1 32.2 48.4

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 39.768 ng

RT: 13.431 min Scan# 1784

Delta R.T. -0.024 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

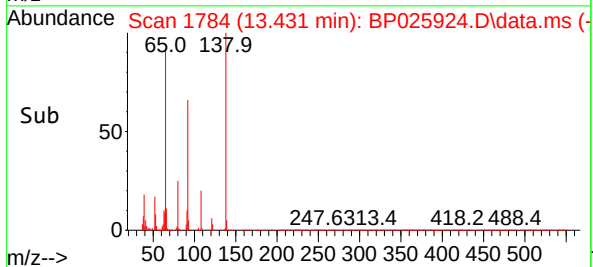
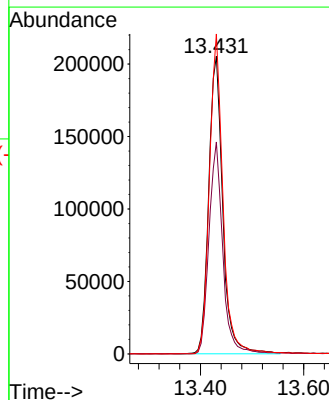
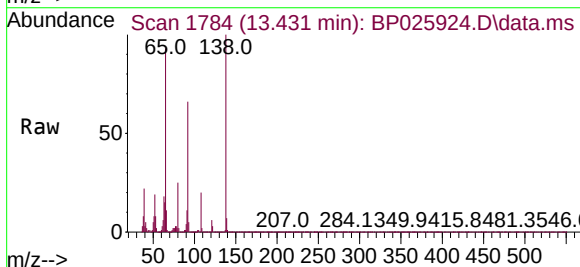
Tgt Ion: 65 Resp: 387143

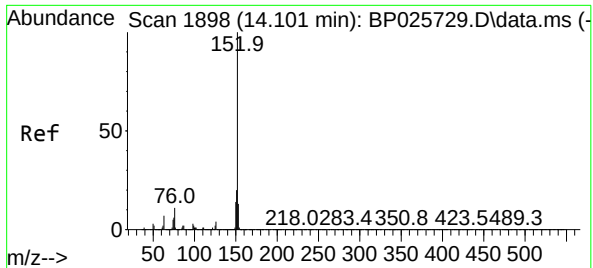
Ion Ratio Lower Upper

65 100

92 71.2 53.1 79.7

138 107.5 77.8 116.8

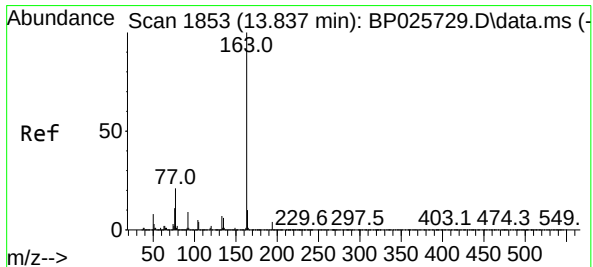
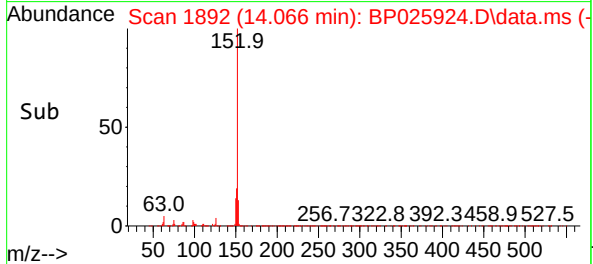
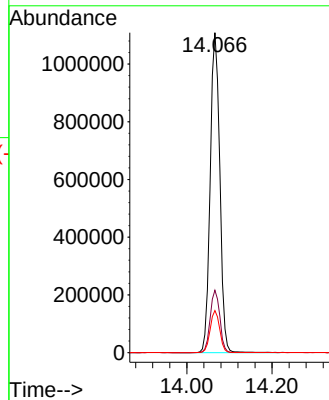
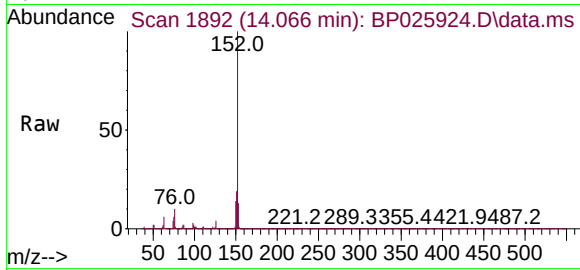




#49
Acenaphthylene
Concen: 35.723 ng
RT: 14.066 min Scan# 1892
Delta R.T. -0.035 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

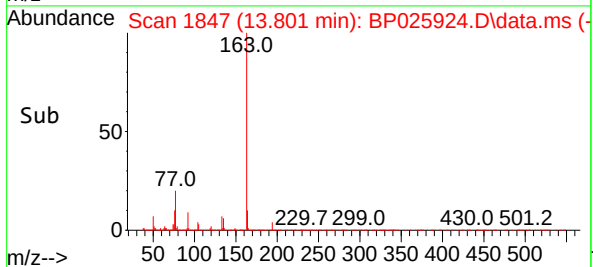
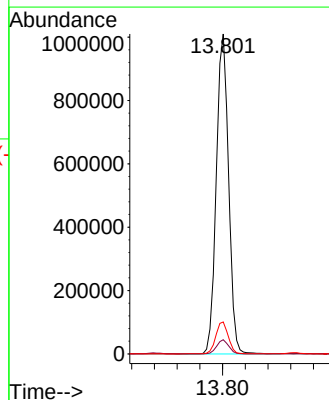
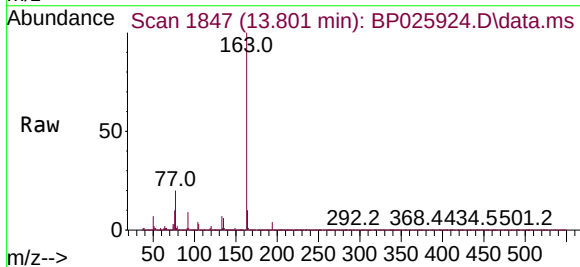
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

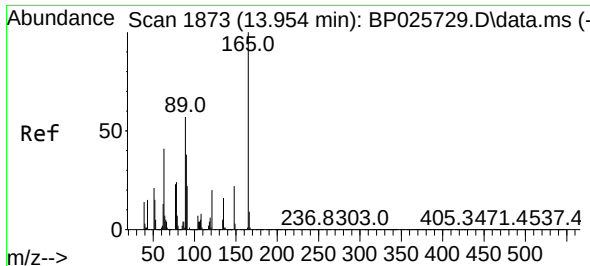
Tgt Ion:152 Resp: 1728576
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 39.230 ng
RT: 13.801 min Scan# 1847
Delta R.T. -0.035 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:163 Resp: 1513417
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.0 8.2 12.2

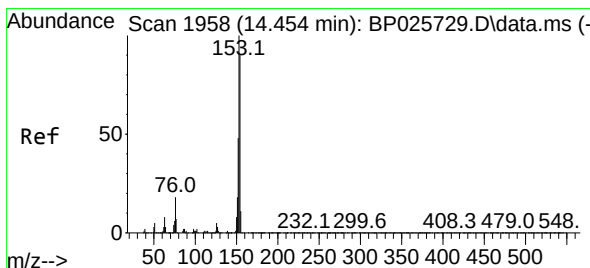
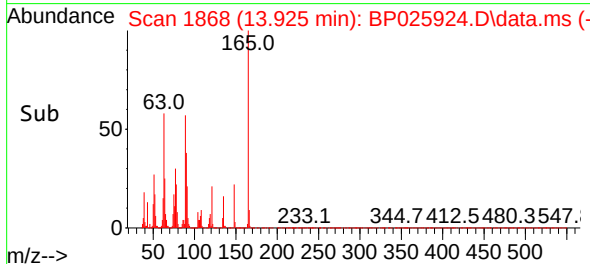
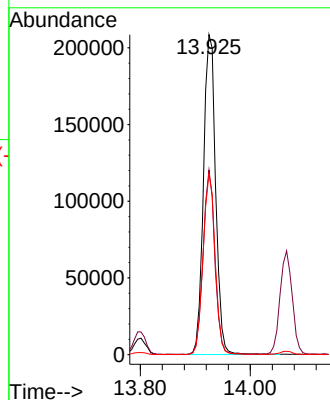
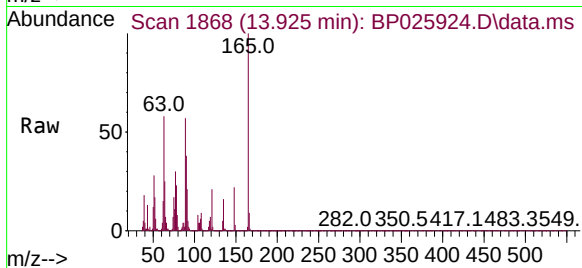




#51
2,6-Dinitrotoluene
Concen: 39.077 ng
RT: 13.925 min Scan# 1873
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

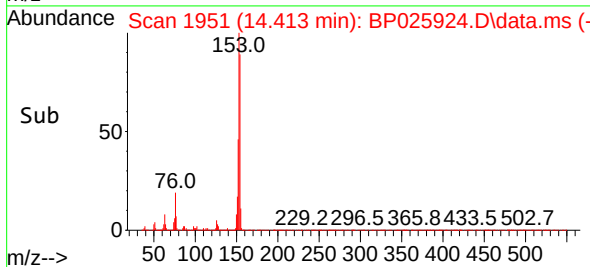
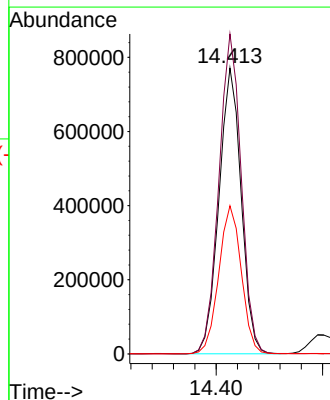
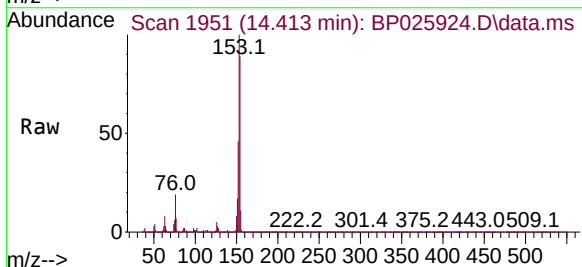
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

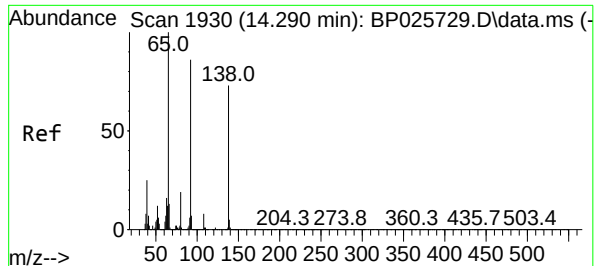
Tgt Ion:165 Resp: 319387
Ion Ratio Lower Upper
165 100
63 57.7 48.1 72.1
89 56.5 45.4 68.0



#52
Acenaphthene
Concen: 40.102 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.041 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:154 Resp: 1119050
Ion Ratio Lower Upper
154 100
153 112.0 89.4 134.0
152 51.8 42.5 63.7





#53

3-Nitroaniline

Concen: 40.312 ng

RT: 14.266 min Scan# 1930

Delta R.T. -0.024 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

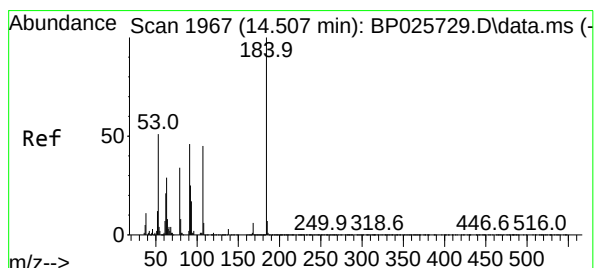
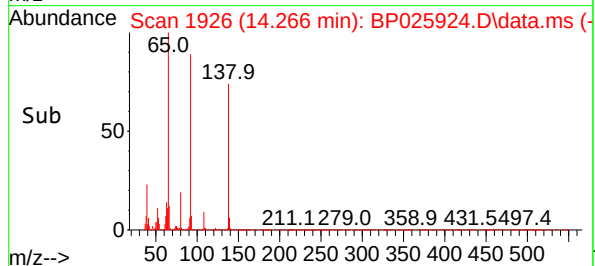
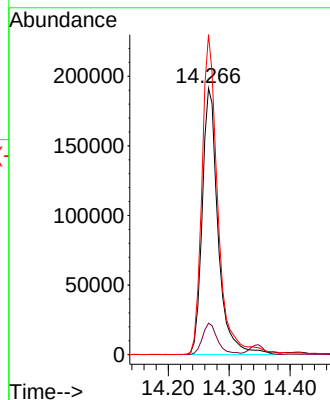
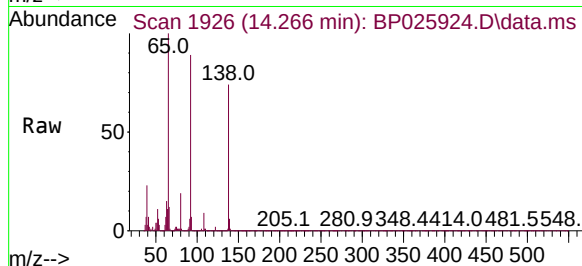
Tgt Ion:138 Resp: 346480

Ion Ratio Lower Upper

138 100

108 11.8 8.7 13.1

92 120.2 94.6 142.0



#54

2,4-Dinitrophenol

Concen: 37.020 ng

RT: 14.501 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

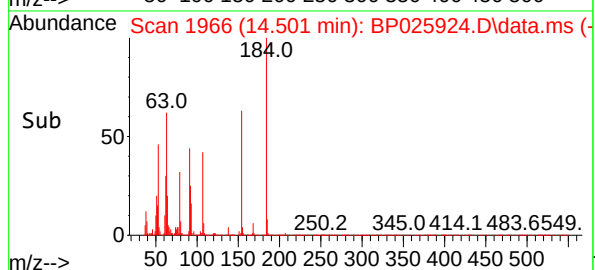
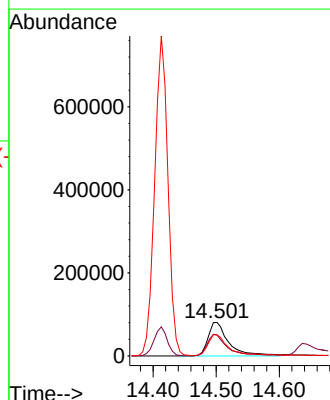
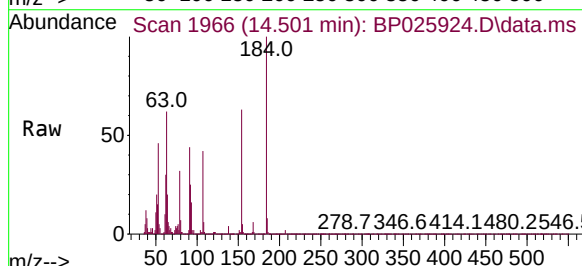
Tgt Ion:184 Resp: 182069

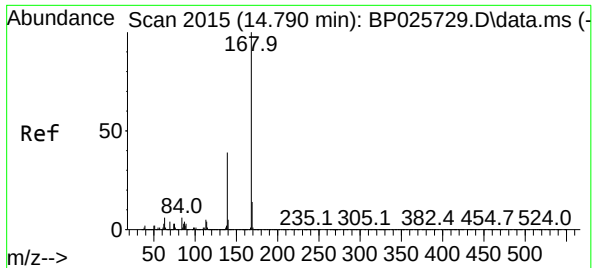
Ion Ratio Lower Upper

184 100

63 62.2 52.5 78.7

154 62.8 51.5 77.3

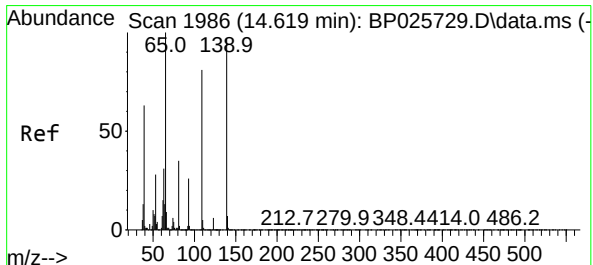
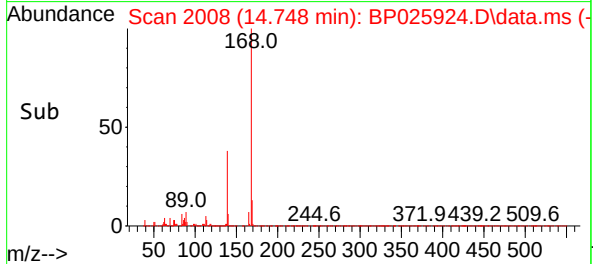
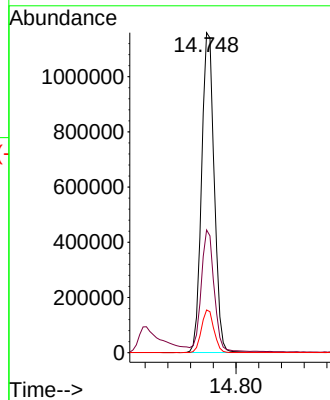
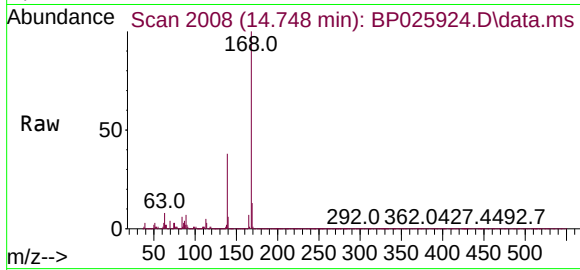




#55
Dibenzofuran
Concen: 39.189 ng
RT: 14.748 min Scan# 2015
Delta R.T. -0.041 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

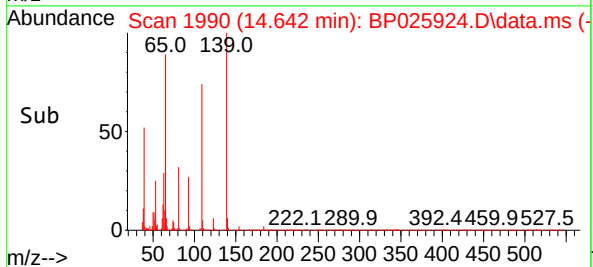
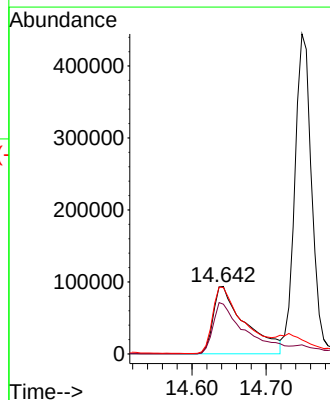
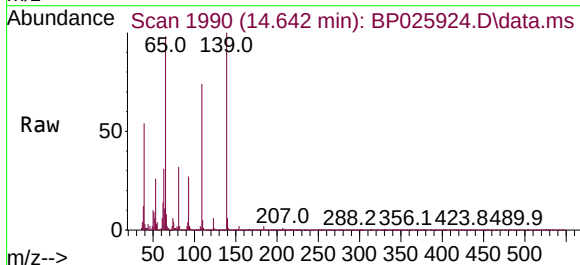
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

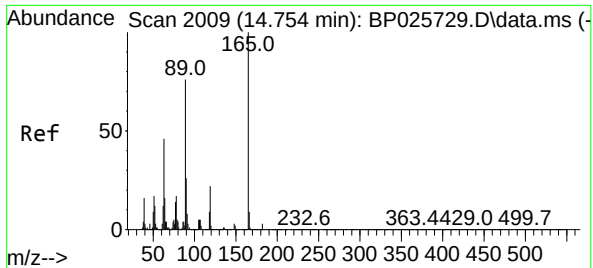
Tgt Ion:168 Resp: 1782295
Ion Ratio Lower Upper
168 100
139 38.3 31.7 47.5
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 39.940 ng
RT: 14.642 min Scan# 1990
Delta R.T. 0.023 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:139 Resp: 278024
Ion Ratio Lower Upper
139 100
109 73.7 62.9 102.9
65 98.4 83.4 123.4

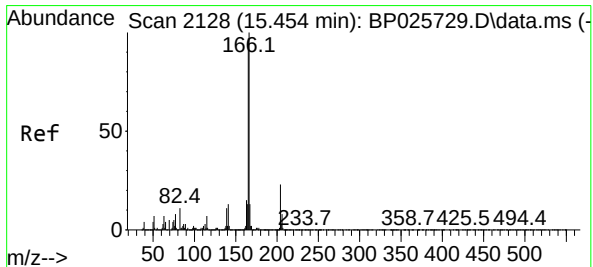
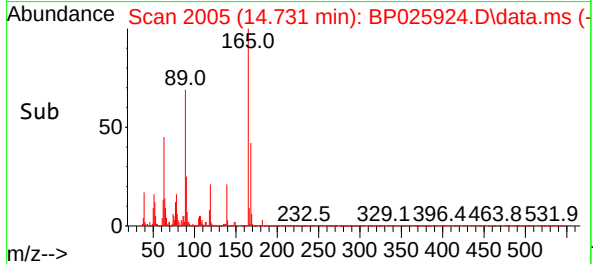
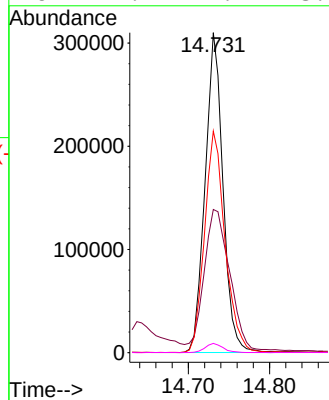
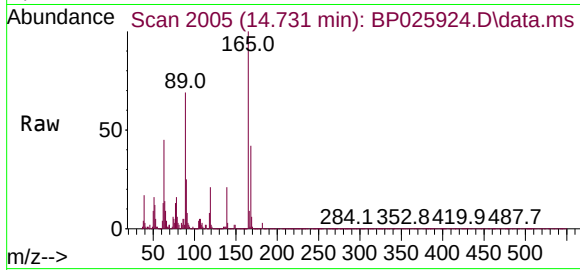




#57
2,4-Dinitrotoluene
Concen: 40.790 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.024 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

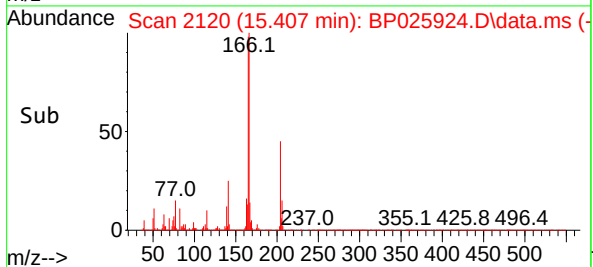
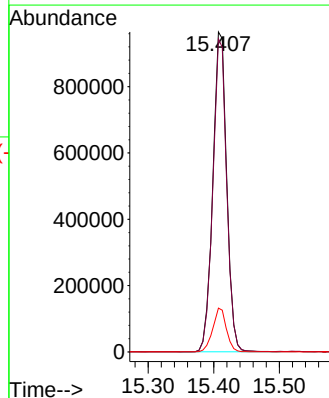
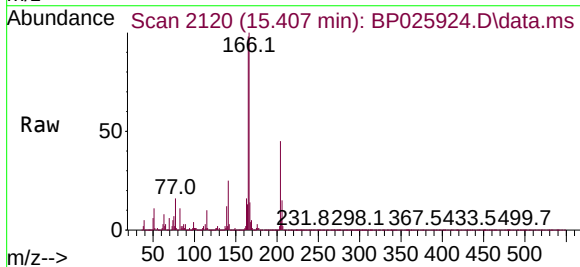
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

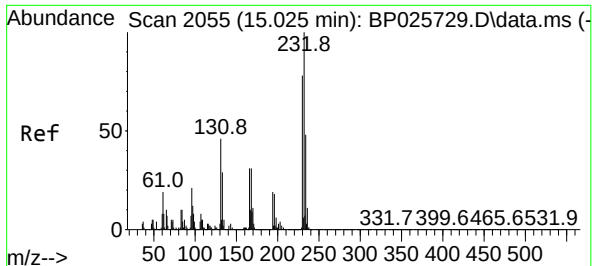
Tgt Ion:165 Resp: 474458
Ion Ratio Lower Upper
165 100
63 44.7 37.7 56.5
89 69.2 61.0 91.6
182 2.9 2.4 3.6



#58
Fluorene
Concen: 39.313 ng
RT: 15.407 min Scan# 2120
Delta R.T. -0.047 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:166 Resp: 1421731
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.559 ng

RT: 14.989 min Scan# 2055

Delta R.T. -0.035 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tgt Ion:232 Resp: 399213

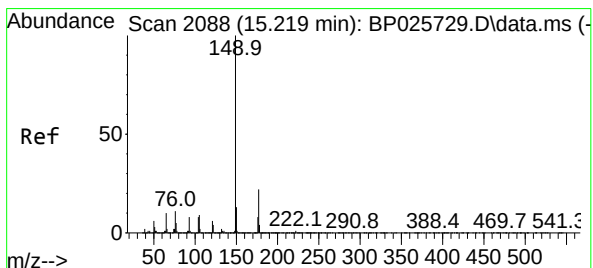
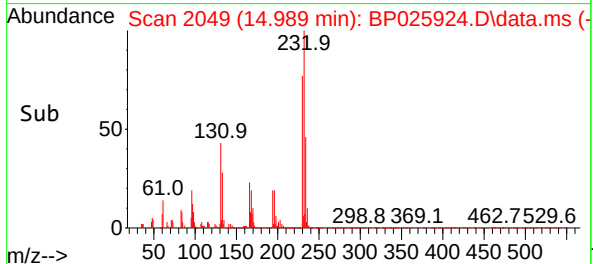
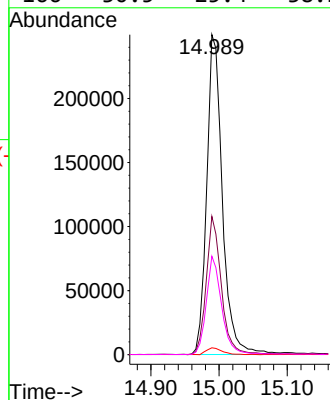
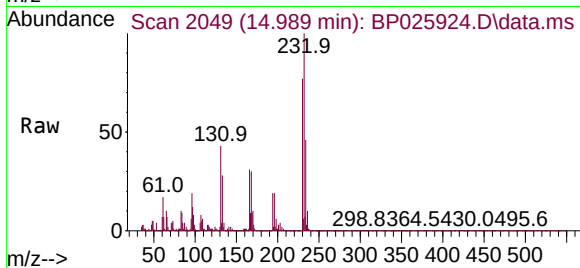
Ion Ratio Lower Upper

232 100

131 41.8 36.7 55.1

130 2.1 2.0 3.0

166 30.5 25.4 38.2



#60

Diethylphthalate

Concen: 39.006 ng

RT: 15.184 min Scan# 2082

Delta R.T. -0.035 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

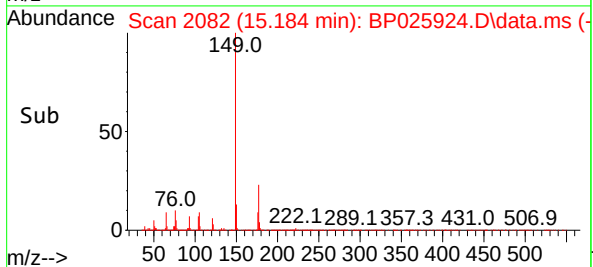
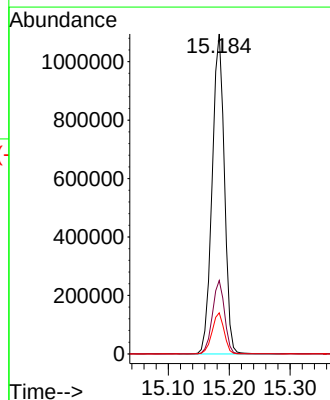
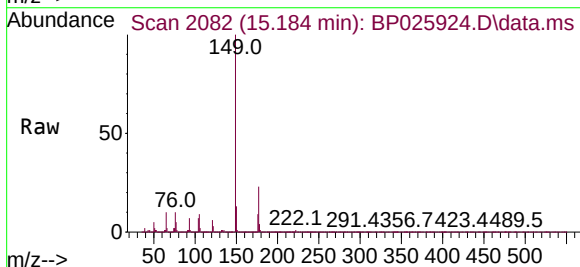
Tgt Ion:149 Resp: 1526353

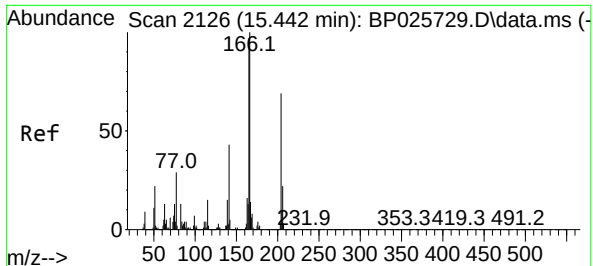
Ion Ratio Lower Upper

149 100

177 22.9 17.7 26.5

150 12.8 10.0 15.0

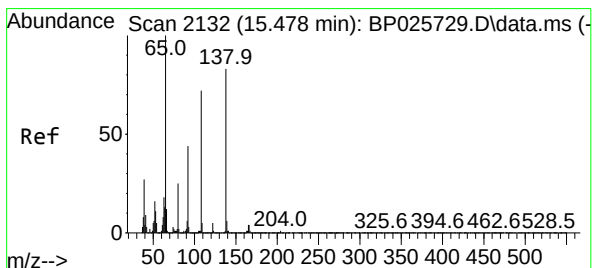
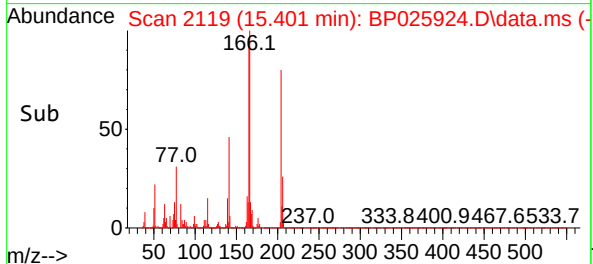
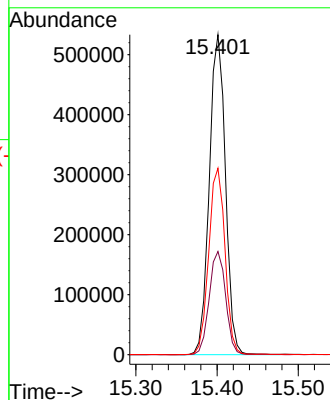
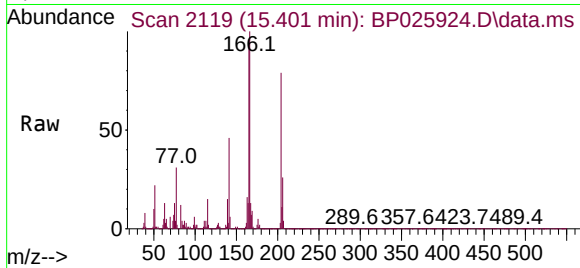




#61
4-Chlorophenyl-phenylether
Concen: 40.497 ng
RT: 15.401 min Scan# 2119
Delta R.T. -0.041 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

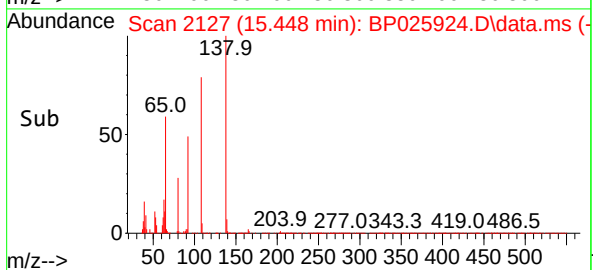
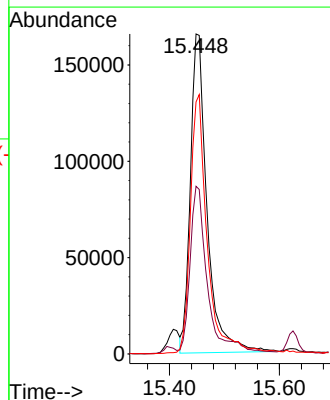
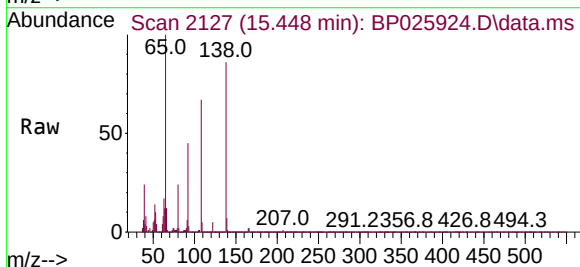
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

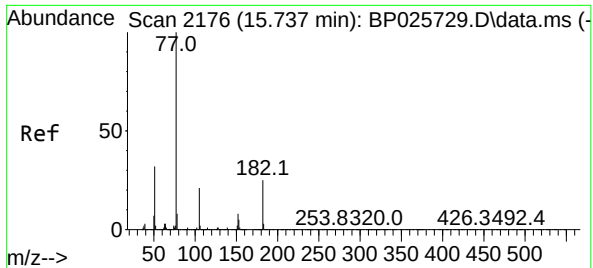
Tgt Ion:204 Resp: 738093
Ion Ratio Lower Upper
204 100
206 32.2 26.0 39.0
141 58.2 49.7 74.5



#62
4-Nitroaniline
Concen: 39.588 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:138 Resp: 348578
Ion Ratio Lower Upper
138 100
92 52.4 33.3 73.3
108 78.7 66.7 106.7



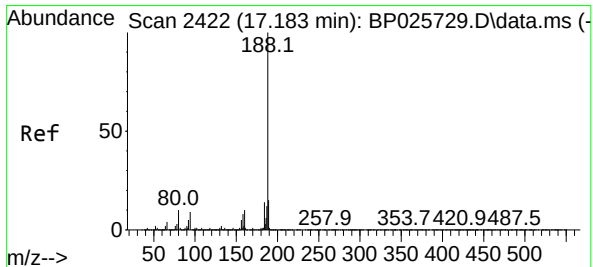
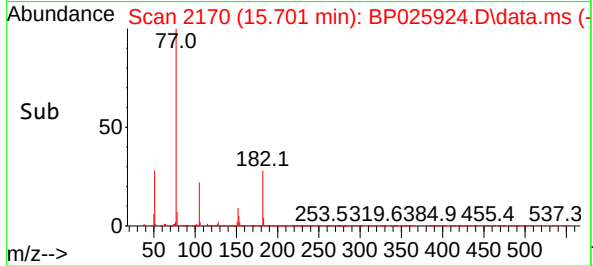
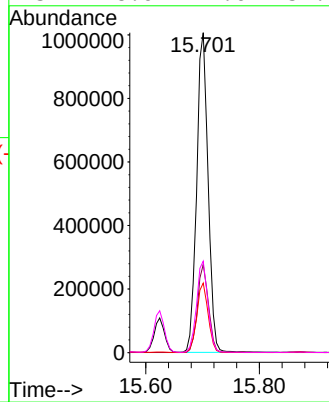
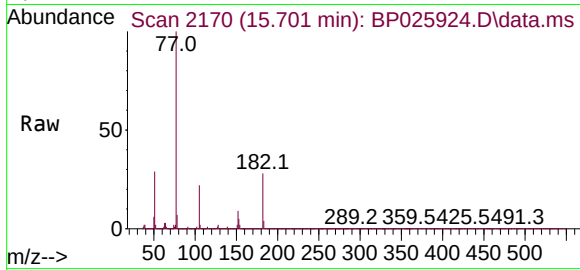


#63
Azobenzene
Concen: 36.831 ng
RT: 15.701 min Scan# 2170
Delta R.T. -0.035 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 1393574

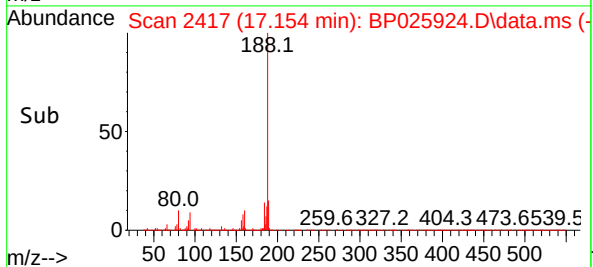
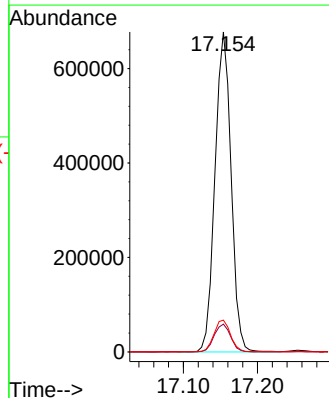
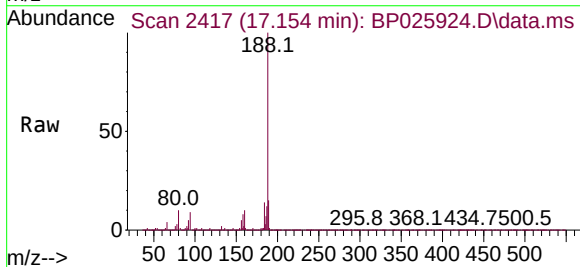
Ion	Ratio	Lower	Upper
77	100		
182	27.5	5.2	45.2
105	21.7	1.1	41.1
51	28.6	11.6	51.6

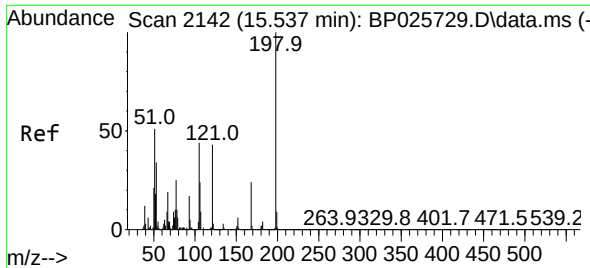


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.154 min Scan# 2417
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion: 188 Resp: 1020787

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.0
80	10.0	7.7	11.5

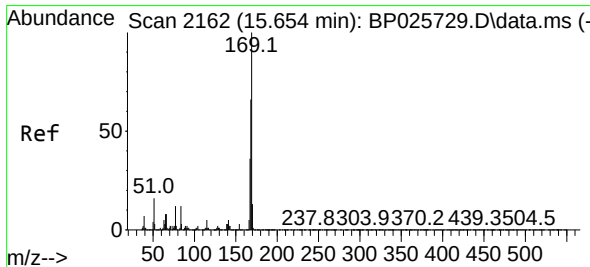
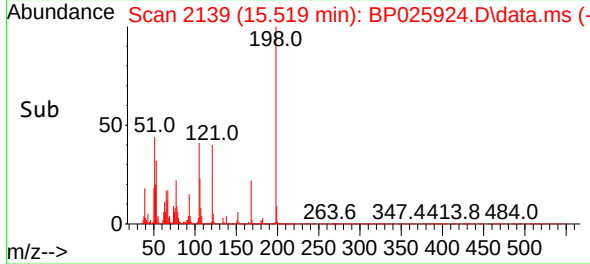
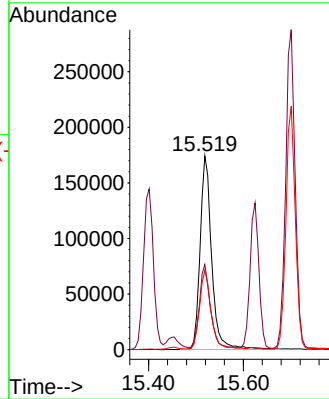
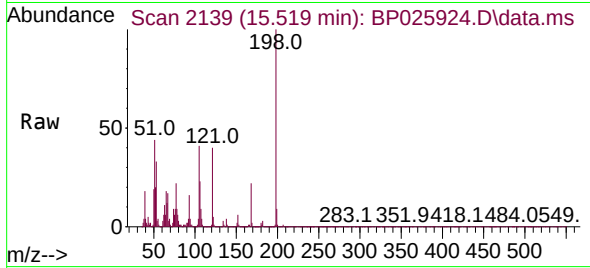




#65
4,6-Dinitro-2-methylphenol
Concen: 43.634 ng
RT: 15.519 min Scan# 211
Delta R.T. -0.018 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

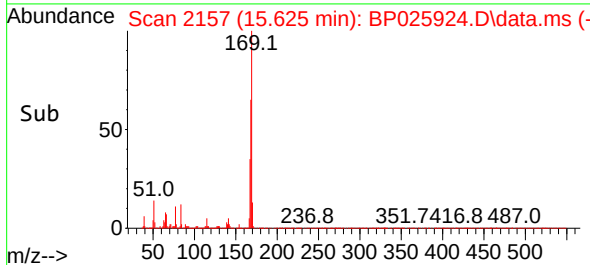
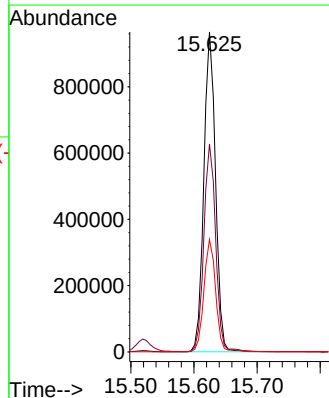
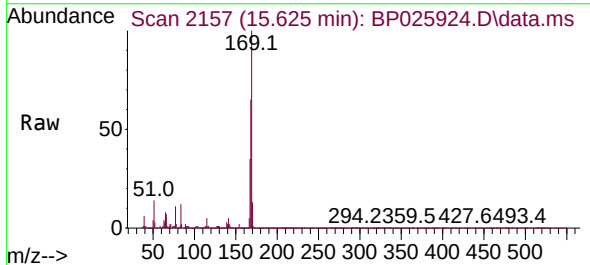
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

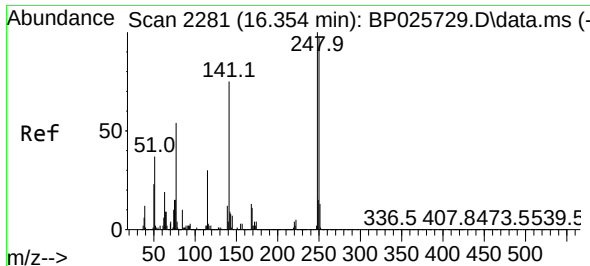
Tgt Ion:198 Resp: 296214
Ion Ratio Lower Upper
198 100
51 43.9 33.4 73.4
105 40.8 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 39.619 ng
RT: 15.625 min Scan# 2157
Delta R.T. -0.030 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:169 Resp: 1237651
Ion Ratio Lower Upper
169 100
168 65.0 52.6 78.8
167 35.1 28.5 42.7





#67

4-Bromophenyl-phenylether

Concen: 42.780 ng

RT: 16.319 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

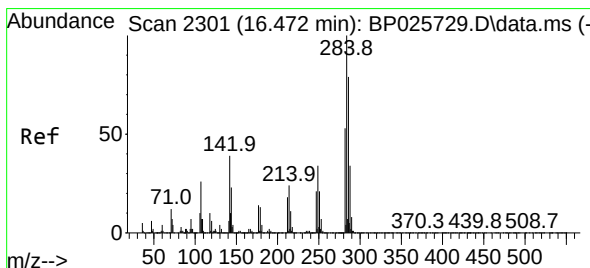
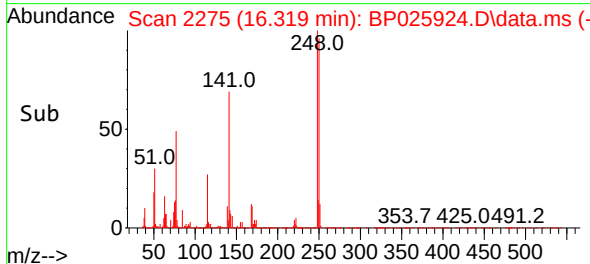
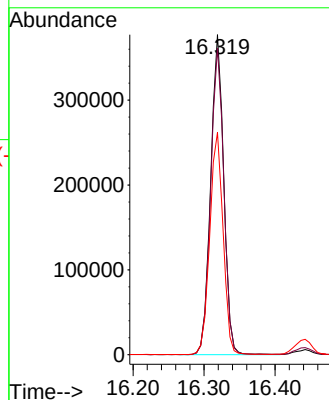
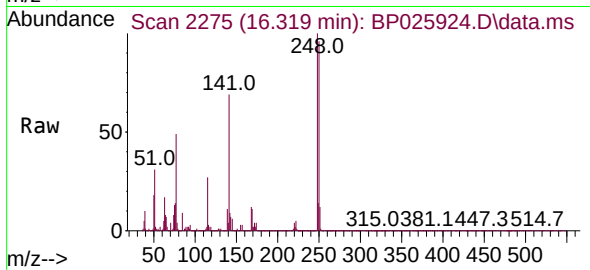
Tgt Ion:248 Resp: 479739

Ion Ratio Lower Upper

248 100

250 95.8 77.5 116.3

141 69.4 60.2 90.4



#68

Hexachlorobenzene

Concen: 42.973 ng

RT: 16.442 min Scan# 2296

Delta R.T. -0.030 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

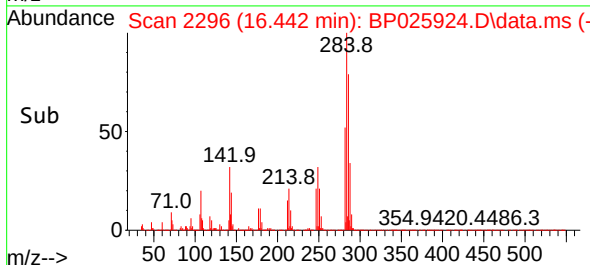
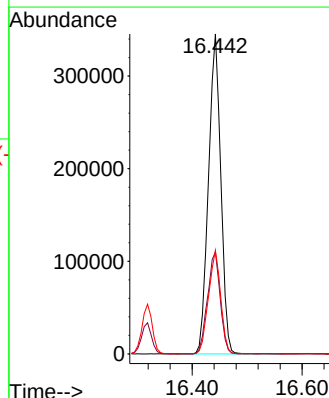
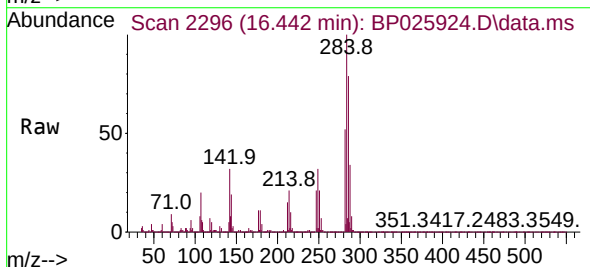
Tgt Ion:284 Resp: 537416

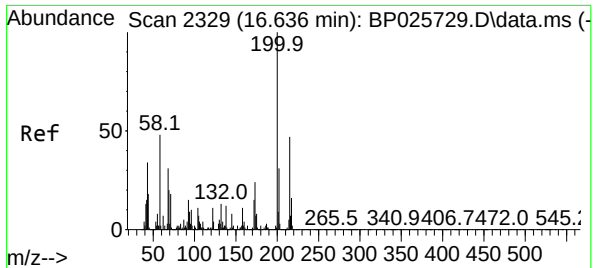
Ion Ratio Lower Upper

284 100

142 31.8 31.3 46.9

249 32.4 27.3 40.9





#69

Atrazine

Concen: 39.198 ng

RT: 16.613 min Scan# 2325

Delta R.T. -0.024 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

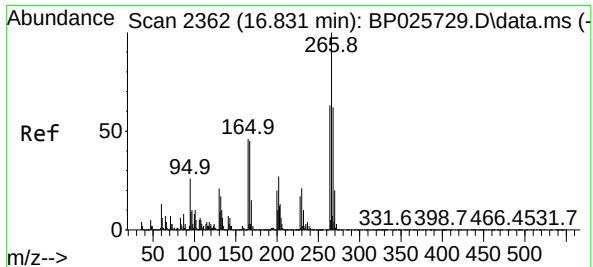
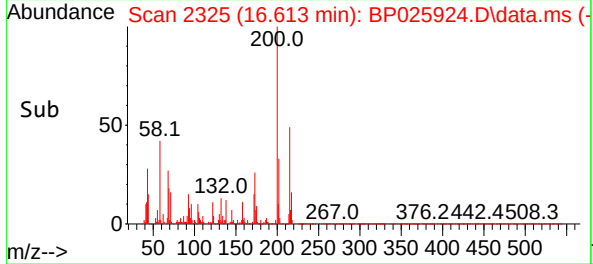
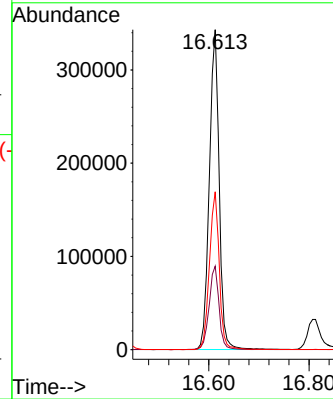
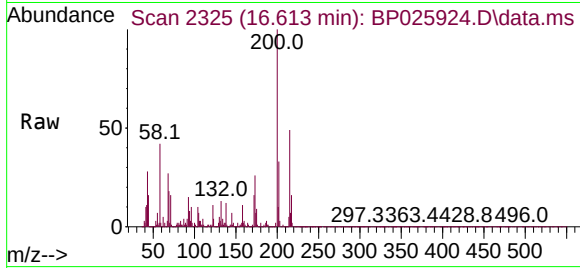
Tgt Ion:200 Resp: 468053

Ion Ratio Lower Upper

200 100

173 26.1 4.2 44.2

215 49.3 27.3 67.3



#70

Pentachlorophenol

Concen: 39.145 ng

RT: 16.807 min Scan# 2358

Delta R.T. -0.024 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

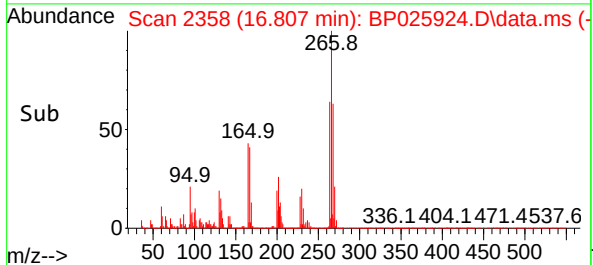
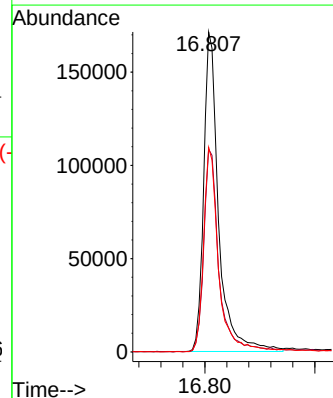
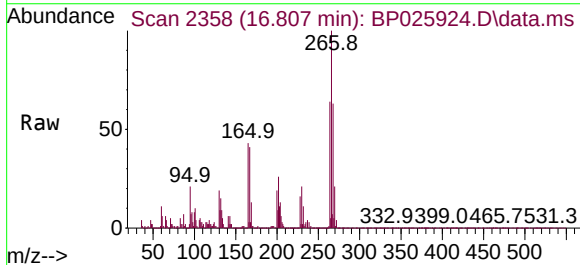
Tgt Ion:266 Resp: 323092

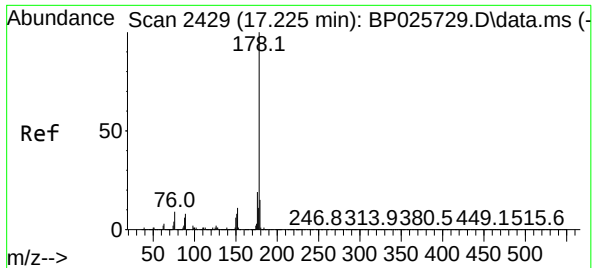
Ion Ratio Lower Upper

266 100

268 63.3 49.8 74.8

264 63.9 50.2 75.2

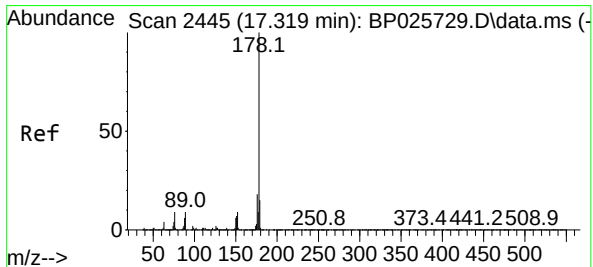
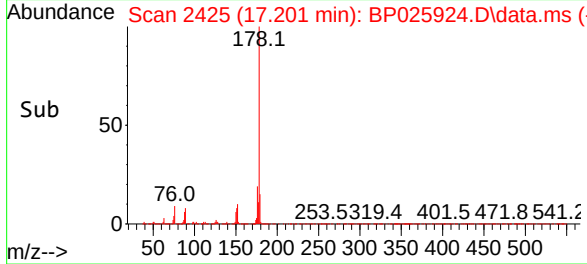
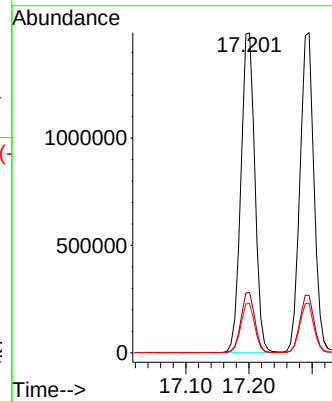
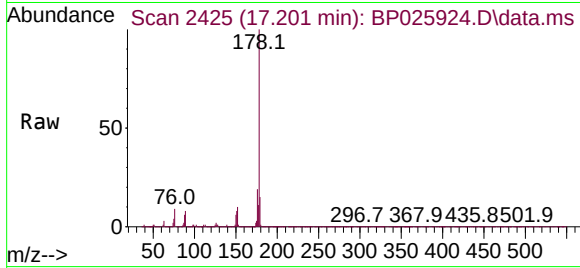




#71
Phenanthrene
Concen: 39.434 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.024 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

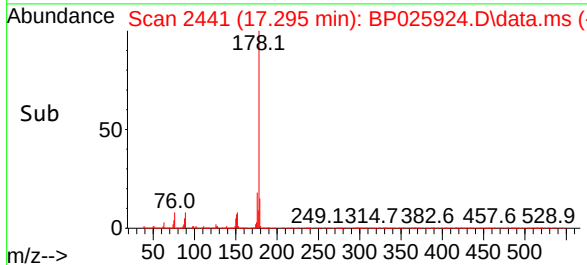
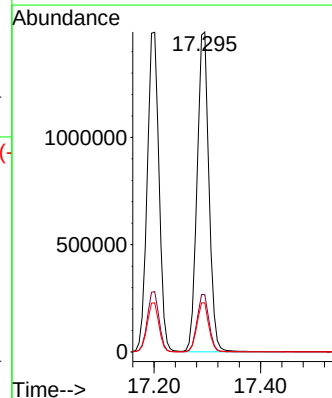
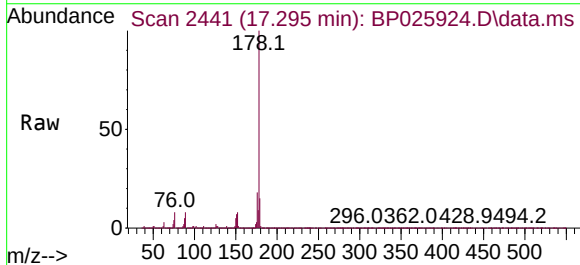
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

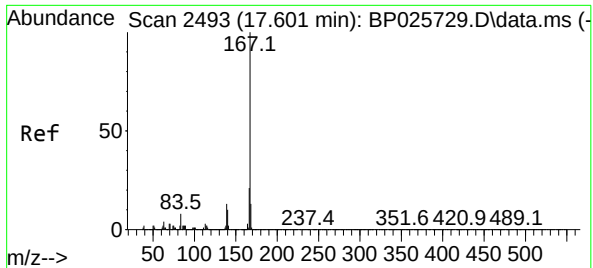
Tgt Ion:178 Resp: 2283441
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 39.175 ng
RT: 17.295 min Scan# 2441
Delta R.T. -0.024 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:178 Resp: 2301591
Ion Ratio Lower Upper
178 100
176 17.9 14.8 22.2
179 15.3 12.2 18.4

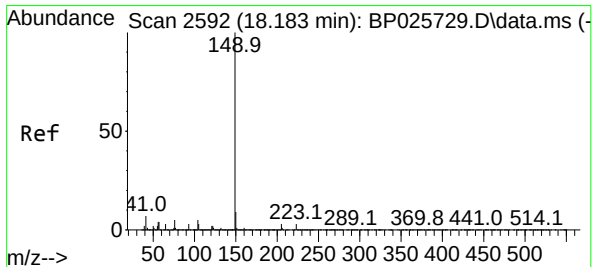
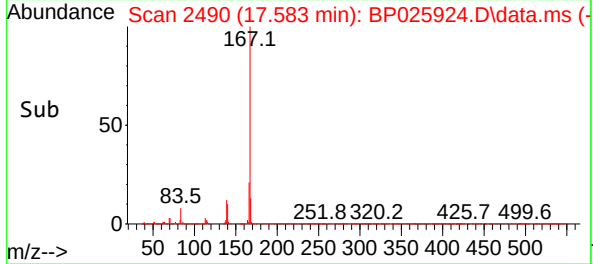
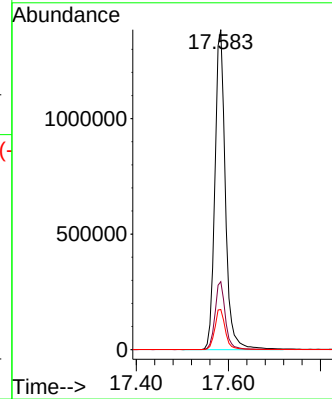
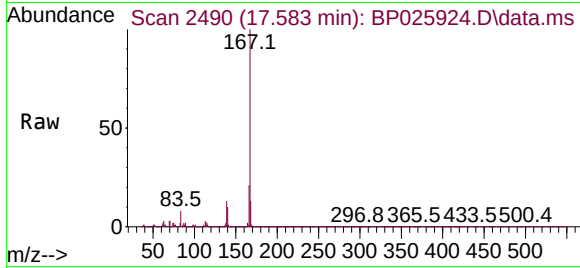




#73
 Carbazole
 Concen: 39.864 ng
 RT: 17.583 min Scan# 2493
 Delta R.T. -0.018 min
 Lab File: BP025924.D
 Acq: 06 Oct 2025 15:34

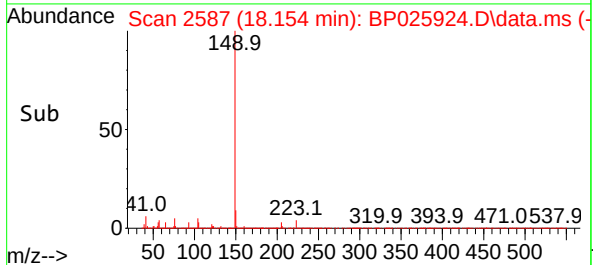
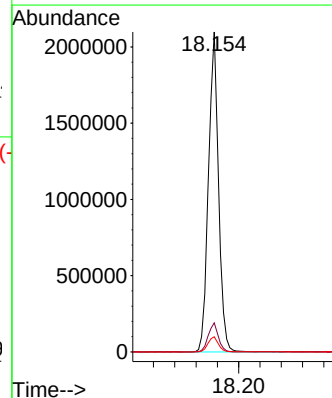
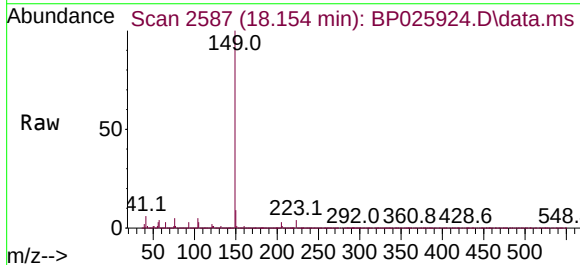
Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

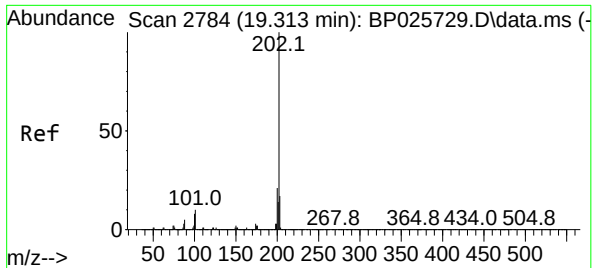
Tgt Ion:167 Resp: 2177426
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.4
 139 12.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 40.965 ng
 RT: 18.154 min Scan# 2587
 Delta R.T. -0.030 min
 Lab File: BP025924.D
 Acq: 06 Oct 2025 15:34

Tgt Ion:149 Resp: 2745903
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.7 4.3 6.5

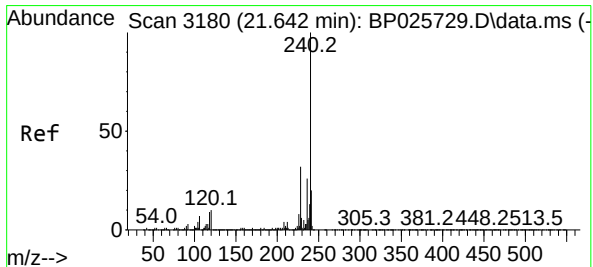
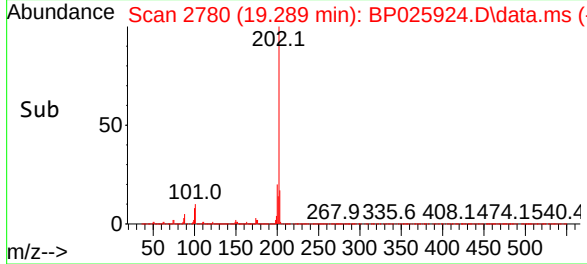
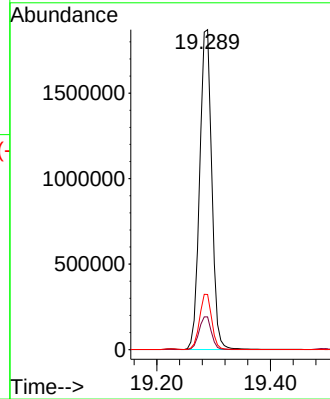
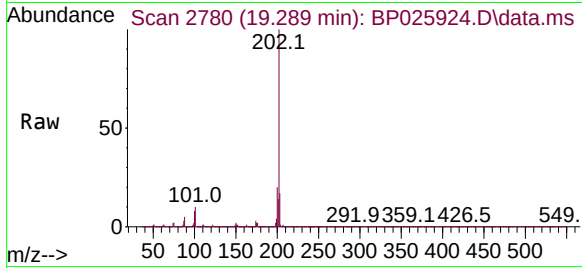




#75
Fluoranthene
Concen: 39.631 ng
RT: 19.289 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

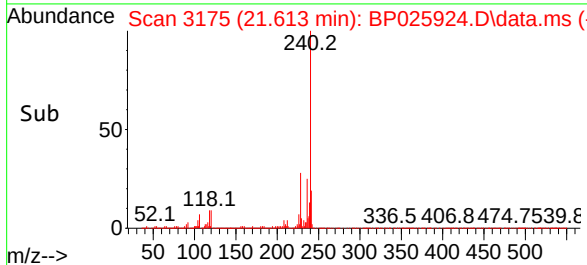
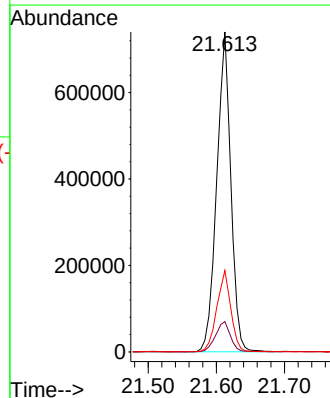
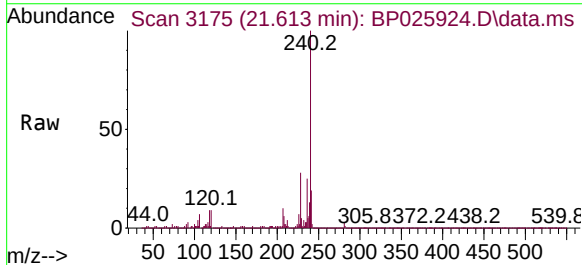
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

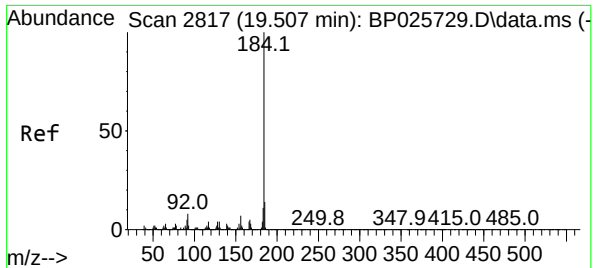
Tgt Ion:202 Resp: 2752233
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.4
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:240 Resp: 1062721
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 25.4 20.7 31.1

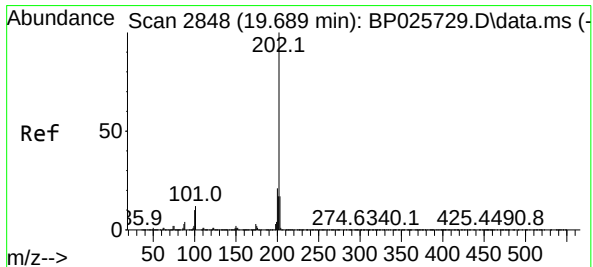
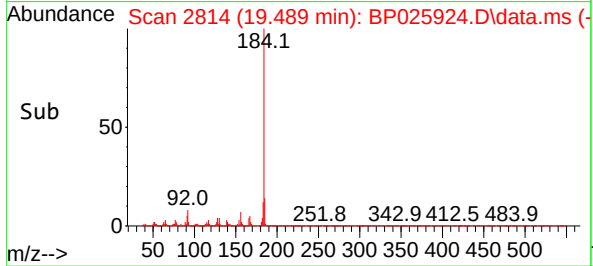
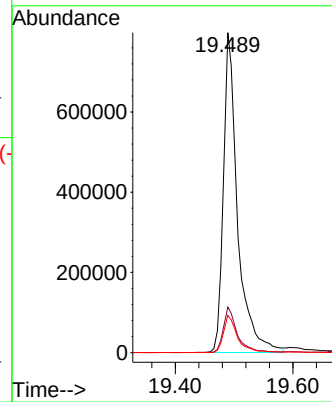
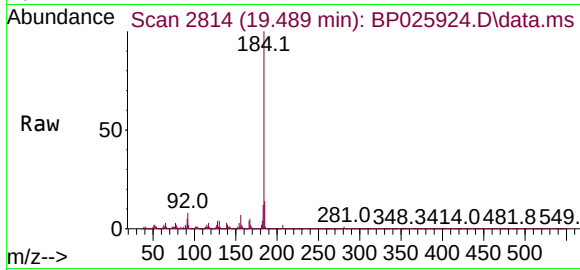




#77
Benzidine
Concen: 43.710 ng
RT: 19.489 min Scan# 2814
Delta R.T. -0.018 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

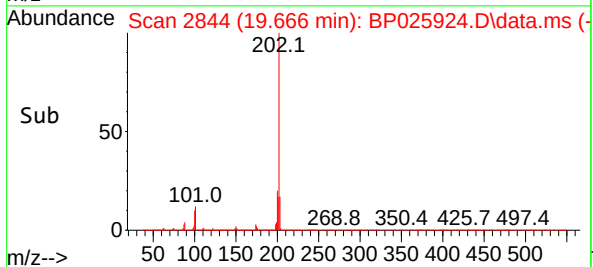
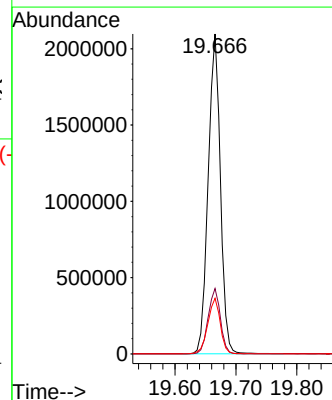
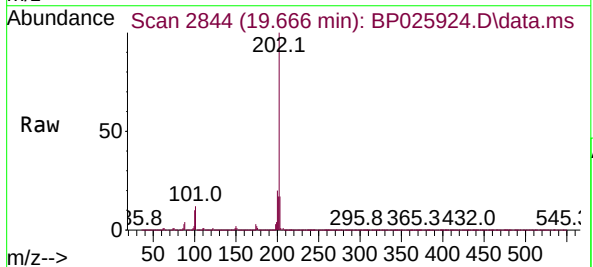
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

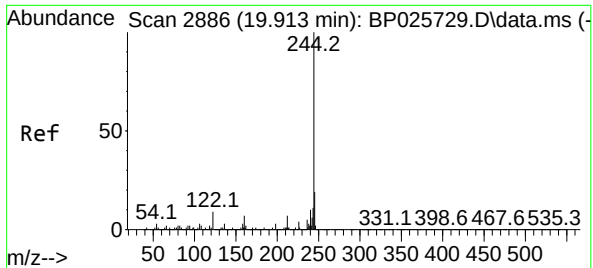
Tgt Ion:184 Resp: 1338056
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.6 9.2 13.8



#78
Pyrene
Concen: 41.048 ng
RT: 19.666 min Scan# 2844
Delta R.T. -0.024 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:202 Resp: 2910757
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.4 13.9 20.9

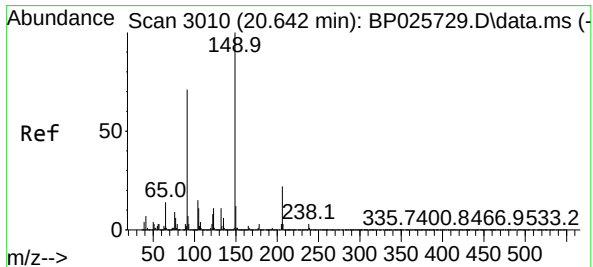
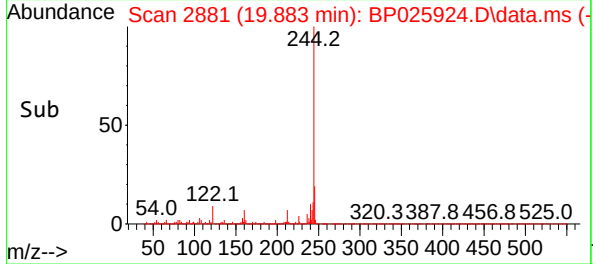
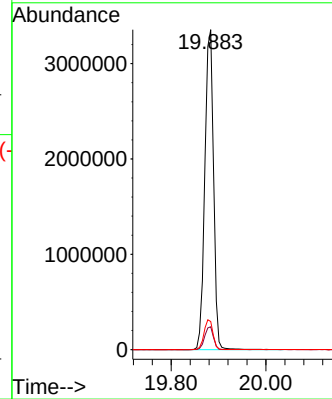
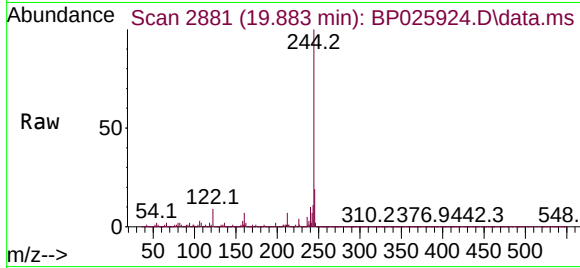




#79
Terphenyl-d14
Concen: 72.461 ng
RT: 19.883 min Scan# 2881
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

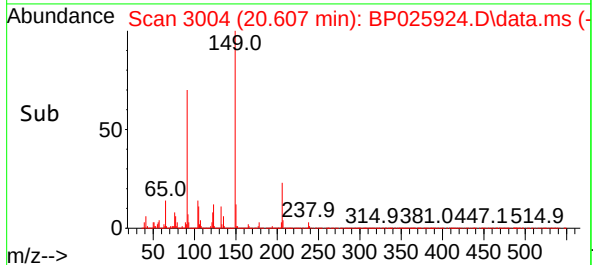
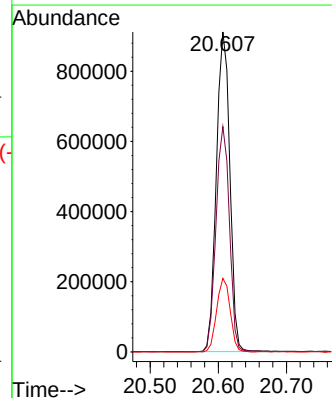
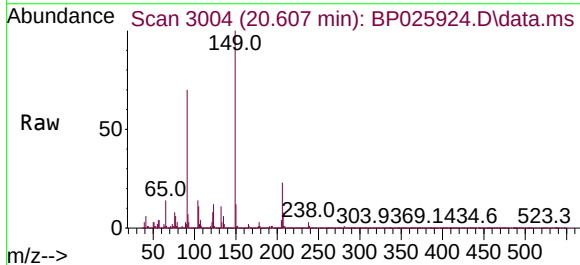
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

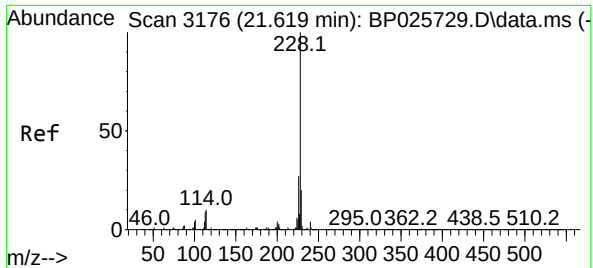
Tgt Ion:244 Resp: 4280533
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.8 7.1 10.7



#80
Butylbenzylphthalate
Concen: 40.237 ng
RT: 20.607 min Scan# 3004
Delta R.T. -0.035 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:149 Resp: 1251027
Ion Ratio Lower Upper
149 100
91 70.4 56.6 85.0
206 23.0 17.4 26.0

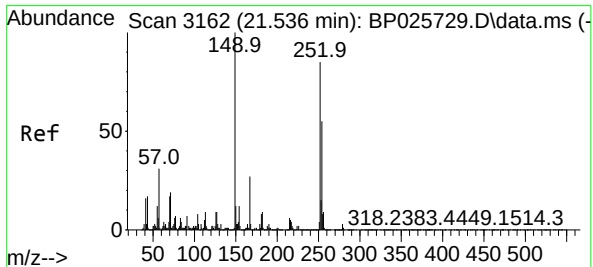
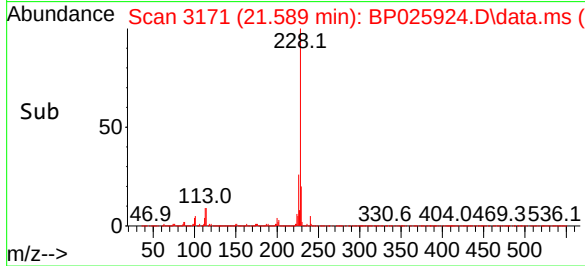
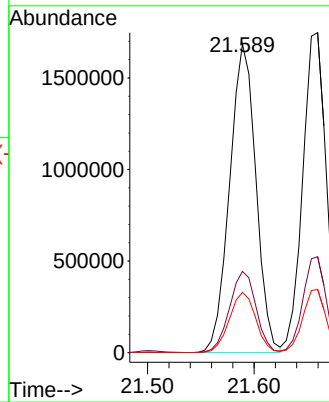
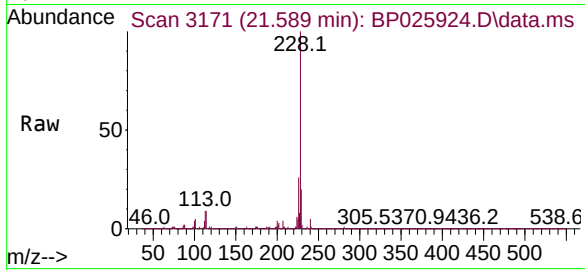




#81
Benzo(a)anthracene
Concen: 39.666 ng
RT: 21.589 min Scan# 3176
Delta R.T. -0.029 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

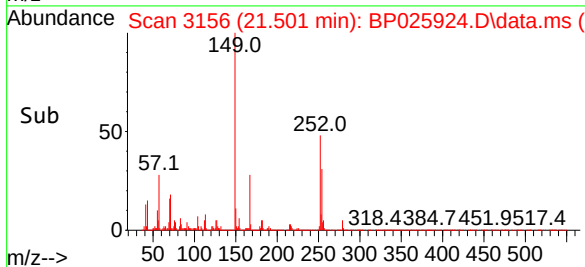
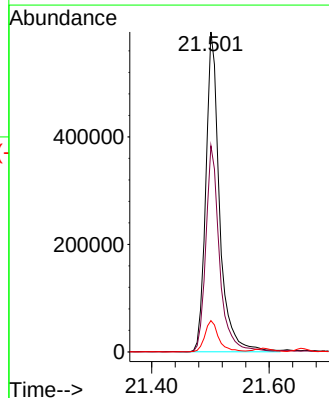
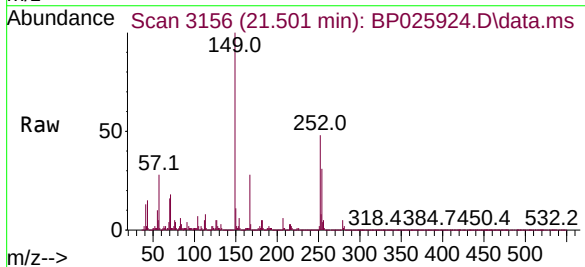
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

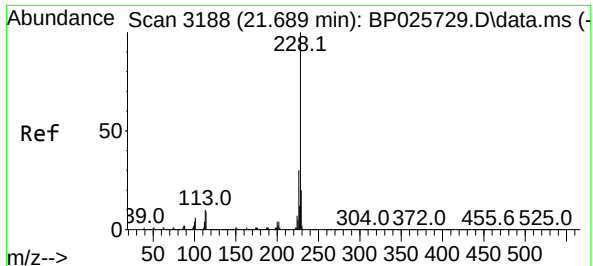
Tgt Ion:228 Resp: 2885911
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 38.336 ng
RT: 21.501 min Scan# 3156
Delta R.T. -0.035 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:252 Resp: 964422
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 9.8 8.3 12.5

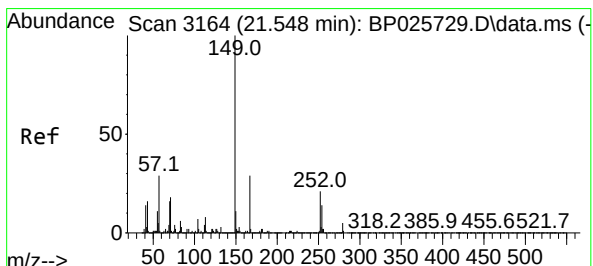
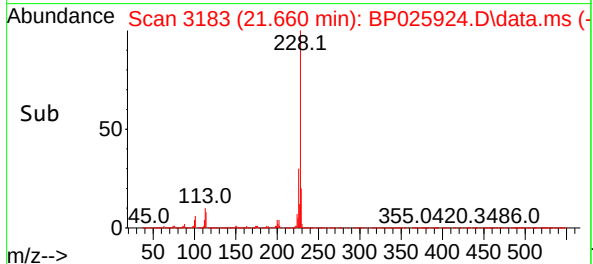
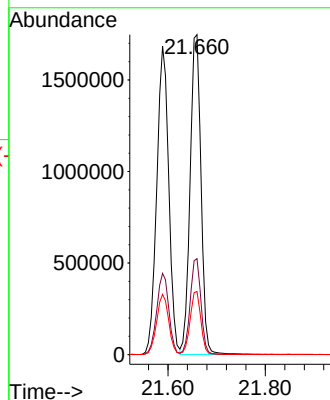
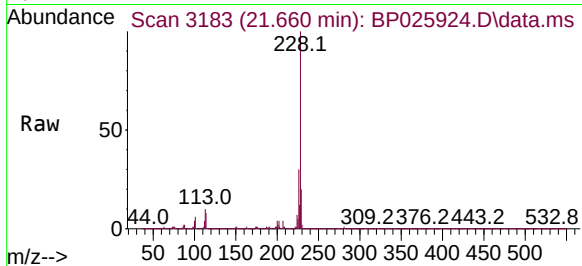




#83
Chrysene
Concen: 39.107 ng
RT: 21.660 min Scan# 3188
Delta R.T. -0.030 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

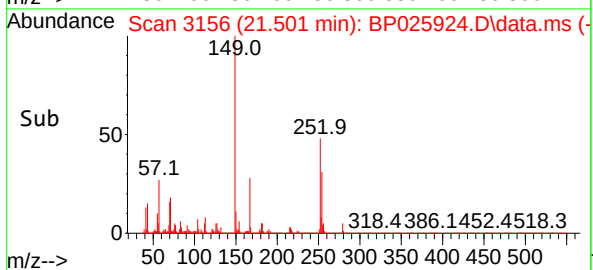
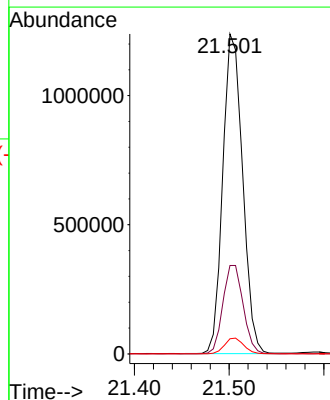
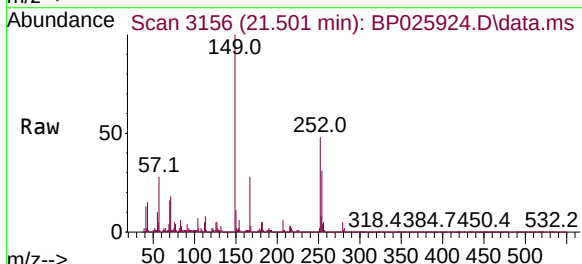
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

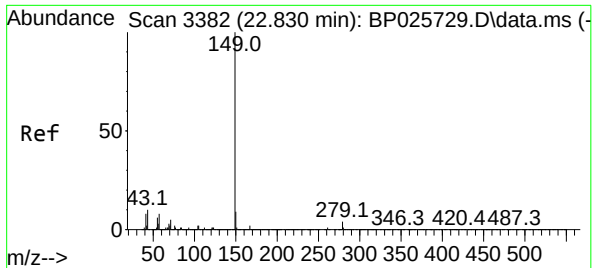
Tgt Ion:228 Resp: 2712256
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 19.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.541 ng
RT: 21.501 min Scan# 3156
Delta R.T. -0.047 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:149 Resp: 1798646
Ion Ratio Lower Upper
149 100
167 27.6 22.9 34.3
279 4.7 3.8 5.8

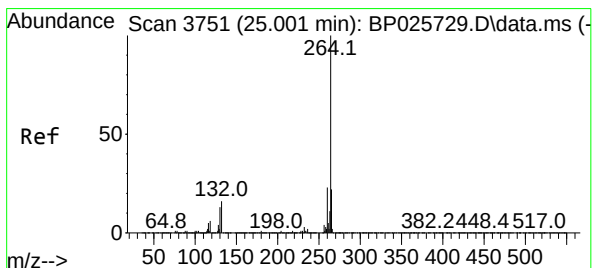
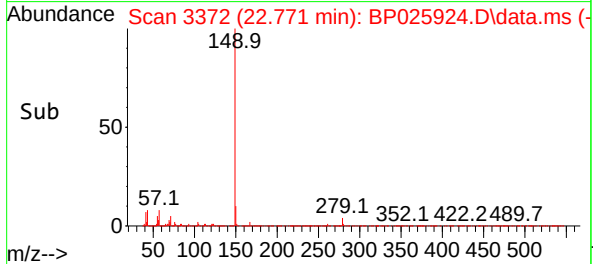
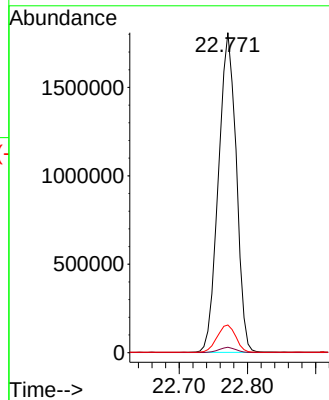
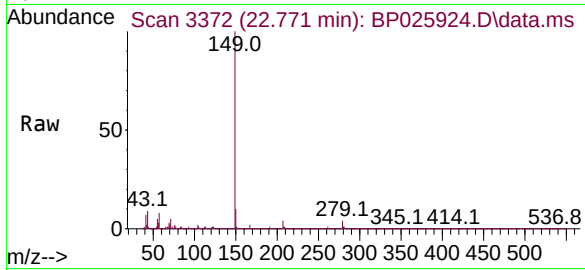




#85
Di-n-octyl phthalate
Concen: 40.413 ng
RT: 22.771 min Scan# 3382
Delta R.T. -0.059 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

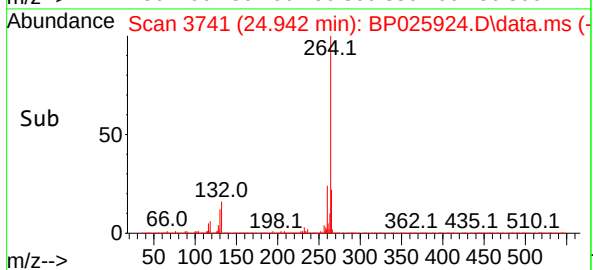
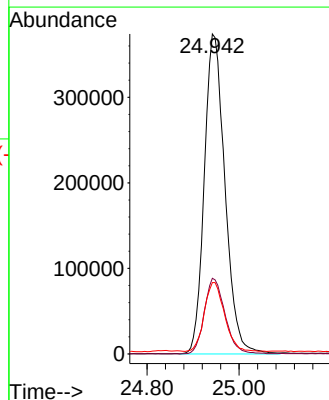
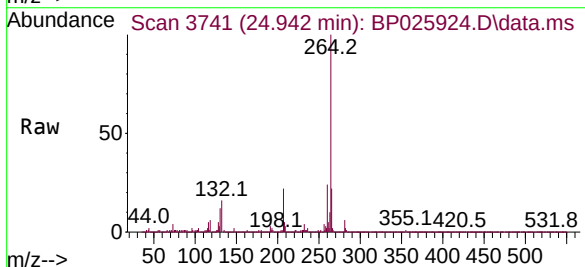
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

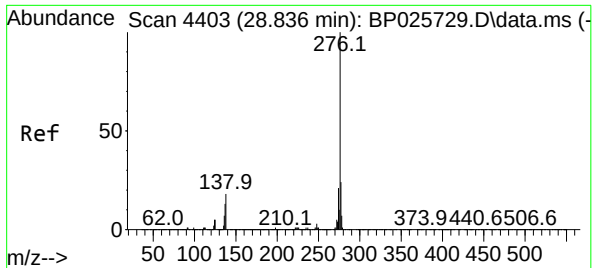
Tgt Ion:149 Resp: 3269994
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.942 min Scan# 3741
Delta R.T. -0.059 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:264 Resp: 1164048
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 22.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.417 ng

RT: 28.771 min Scan# 43

Delta R.T. -0.065 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

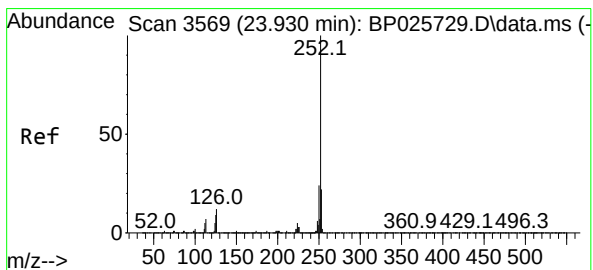
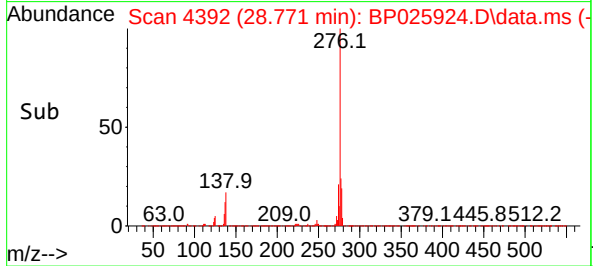
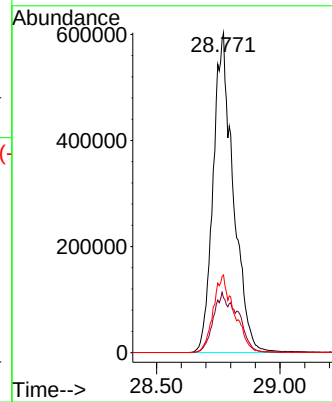
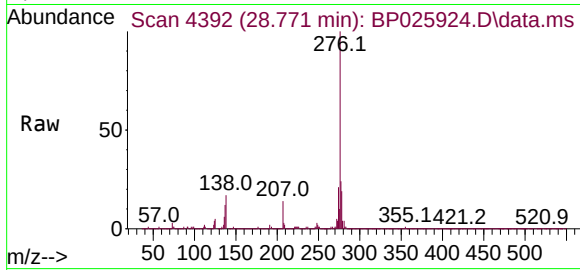
Tgt Ion:276 Resp: 3421371

Ion Ratio Lower Upper

276 100

138 12.6 13.4 20.2#

277 25.3 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 40.117 ng

RT: 23.895 min Scan# 3563

Delta R.T. -0.035 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

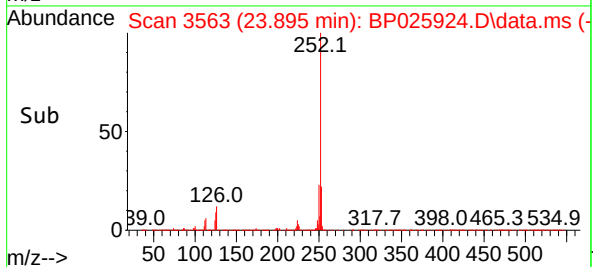
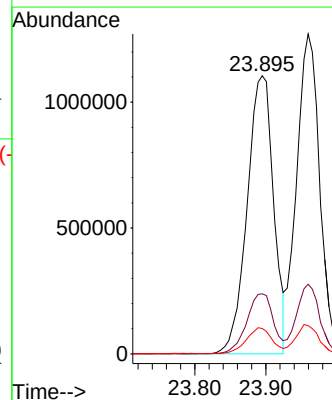
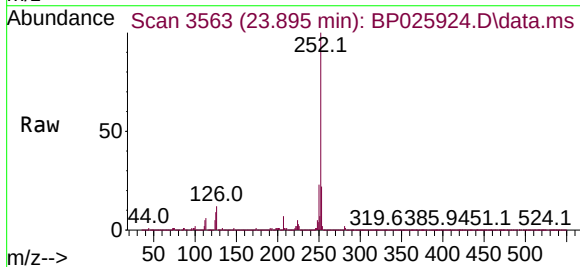
Tgt Ion:252 Resp: 2855714

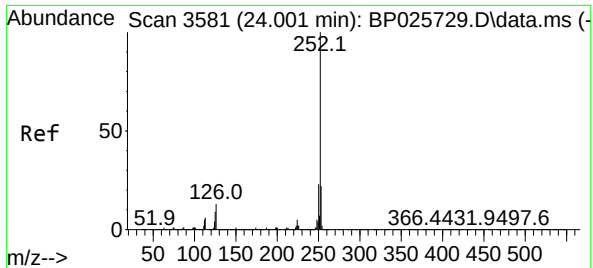
Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 9.1 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 39.831 ng

RT: 23.960 min Scan# 31

Delta R.T. -0.041 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

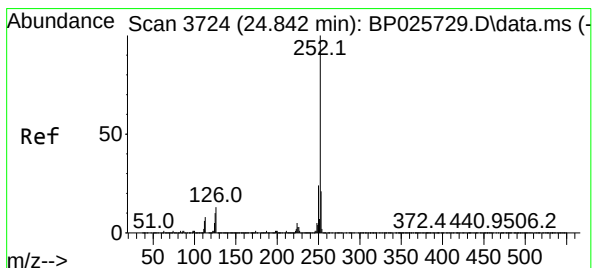
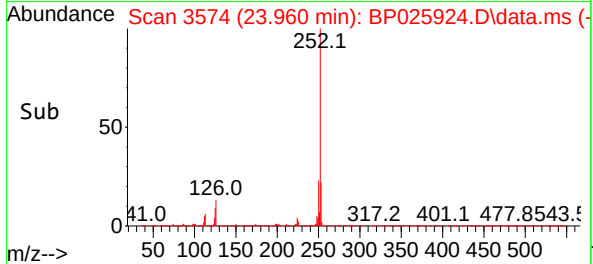
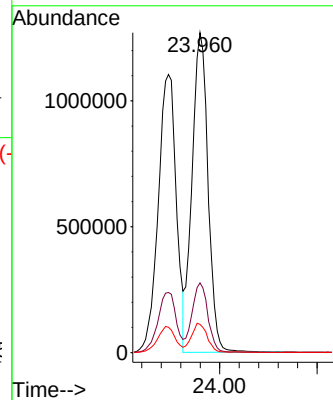
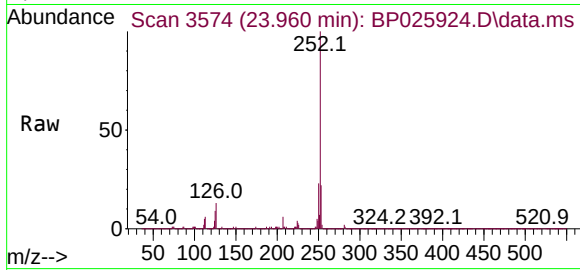
Tgt Ion:252 Resp: 2893225

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.9 7.5 11.3



#90

Benzo(a)pyrene

Concen: 38.667 ng

RT: 24.795 min Scan# 3716

Delta R.T. -0.047 min

Lab File: BP025924.D

Acq: 06 Oct 2025 15:34

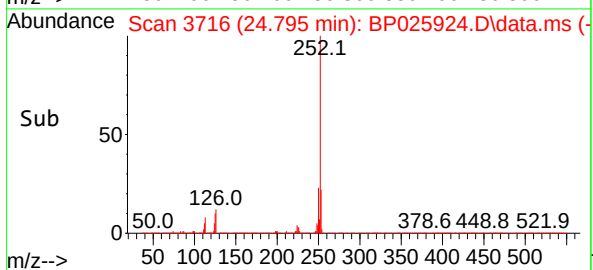
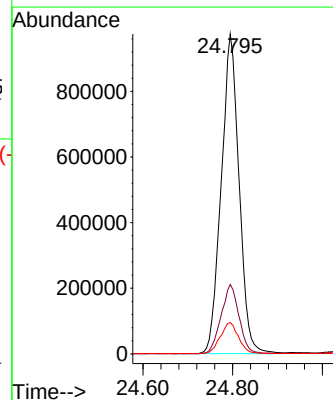
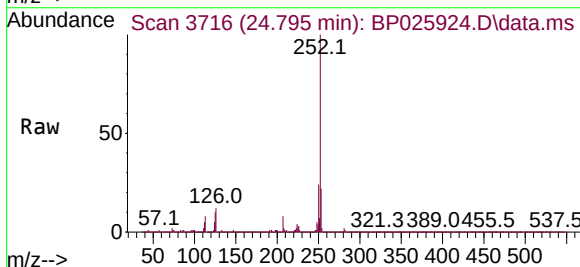
Tgt Ion:252 Resp: 2695458

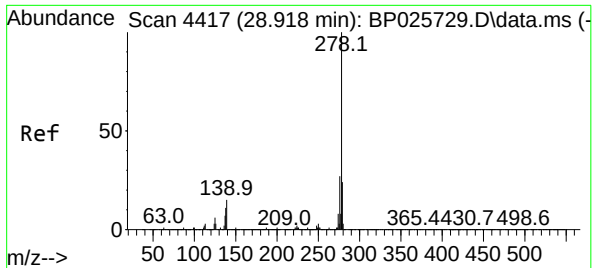
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.8 8.3 12.5

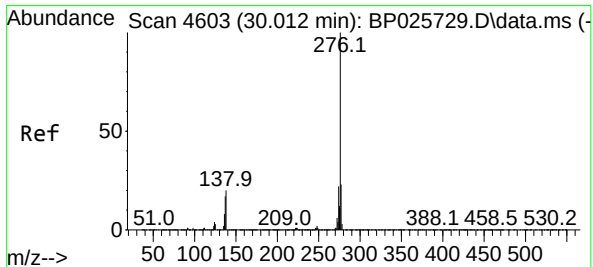
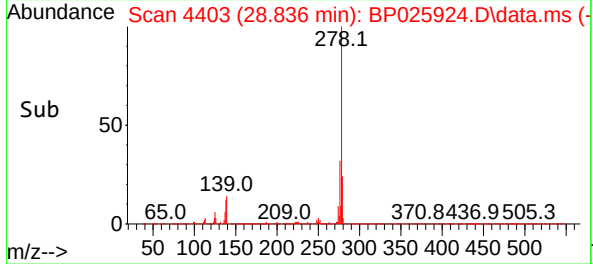
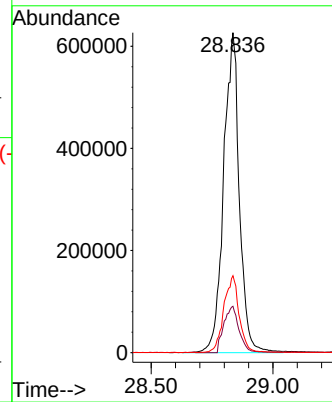
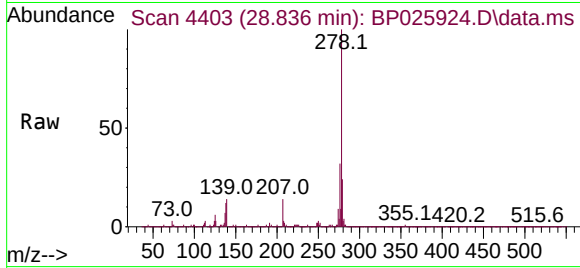




#91
Dibenzo(a,h)anthracene
Concen: 40.450 ng
RT: 28.836 min Scan# 4417
Delta R.T. -0.082 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

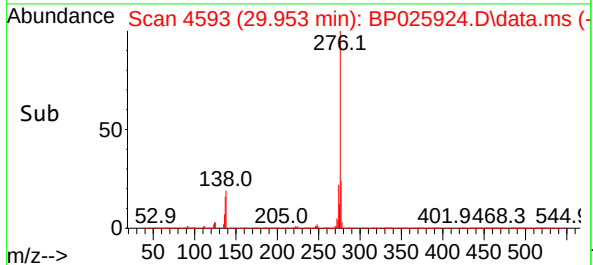
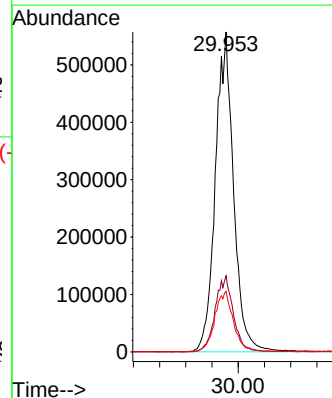
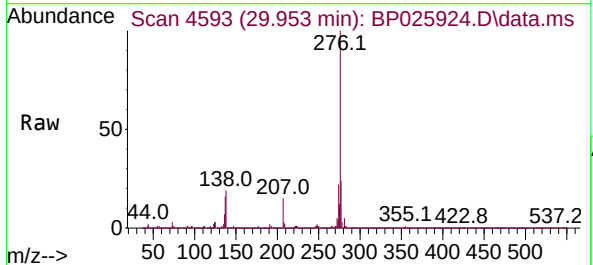
Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 2802069
Ion Ratio Lower Upper
278 100
139 14.5 12.1 18.1
279 24.0 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 39.324 ng
RT: 29.953 min Scan# 4593
Delta R.T. -0.059 min
Lab File: BP025924.D
Acq: 06 Oct 2025 15:34

Tgt Ion:276 Resp: 2678989
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 19.0 16.0 24.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025924.D
 Acq On : 06 Oct 2025 15:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 06 15:57:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	133	-0.02
2	1,4-Dioxane	40.000	37.753	5.6	120	0.00
3	Pyridine	40.000	40.331	-0.8	123	0.00
4	n-Nitrosodimethylamine	40.000	33.208	17.0	104	0.00
5 S	2-Fluorophenol	80.000	81.243	-1.6	123	0.00
6	Aniline	40.000	37.420	6.4	112	-0.02
7 S	Phenol-d6	80.000	79.169	1.0	117	0.00
8	2-Chlorophenol	40.000	41.478	-3.7	125	-0.02
9	Benzaldehyde	40.000	49.828	-24.6	187	-0.02
10 C	Phenol	40.000	40.539	-1.3	120	0.00
11	bis(2-Chloroethyl)ether	40.000	40.065	-0.2	120	-0.01
12	1,3-Dichlorobenzene	40.000	39.012	2.5	120	-0.02
13 C	1,4-Dichlorobenzene	40.000	38.348	4.1	119	-0.02
14	1,2-Dichlorobenzene	40.000	38.176	4.6	118	-0.02
15	Benzyl Alcohol	40.000	37.700	5.7	113	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	35.684	10.8	109	-0.04
17	2-Methylphenol	40.000	39.998	0.0	118	-0.01
18	Hexachloroethane	40.000	38.973	2.6	121	-0.03
19 P	n-Nitroso-di-n-propylamine	40.000	37.718	5.7	109	-0.02
20	3+4-Methylphenols	40.000	38.877	2.8	117	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	125	-0.02
22	Acetophenone	40.000	40.067	-0.2	113	-0.02
23 S	Nitrobenzene-d5	80.000	71.019	11.2	101	-0.02
24	Nitrobenzene	40.000	40.173	-0.4	113	-0.02
25	Isophorone	40.000	38.301	4.2	111	-0.02
26 C	2-Nitrophenol	40.000	44.479	-11.2	124	-0.02
27	2,4-Dimethylphenol	40.000	36.991	7.5	103	-0.02
28	bis(2-Chloroethoxy)methane	40.000	39.925	0.2	115	-0.03
29 C	2,4-Dichlorophenol	40.000	42.274	-5.7	119	0.00
30	1,2,4-Trichlorobenzene	40.000	39.061	2.3	115	-0.02
31	Naphthalene	40.000	39.632	0.9	116	-0.03
32	Benzoic acid	40.000	39.252	1.9	110	0.00
33	4-Chloroaniline	40.000	36.372	9.1	100	-0.02
34 C	Hexachlorobutadiene	40.000	41.789	-4.5	123	-0.04
35	Caprolactam	40.000	37.762	5.6	109	0.00
36 C	4-Chloro-3-methylphenol	40.000	39.741	0.6	113	-0.01
37	2-Methylnaphthalene	40.000	43.959	-9.9	127	-0.03
38	1-Methylnaphthalene	40.000	39.718	0.7	114	-0.03
39 I	Acenaphthene-d10	20.000	20.000	0.0	121	-0.03
40	1,2,4,5-Tetrachlorobenzene	40.000	42.318	-5.8	117	-0.03
41 P	Hexachlorocyclopentadiene	40.000	37.735	5.7	99	-0.04
42 S	2,4,6-Tribromophenol	80.000	85.052	-6.3	116	-0.04
43 C	2,4,6-Trichlorophenol	40.000	42.952	-7.4	116	-0.03
44	2,4,5-Trichlorophenol	40.000	41.163	-2.9	110	0.00
45 S	2-Fluorobiphenyl	80.000	71.321	10.8	101	-0.03
46	1,1'-Biphenyl	40.000	40.199	-0.5	112	-0.03
47	2-Chloronaphthalene	40.000	40.278	-0.7	113	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025924.D
 Acq On : 06 Oct 2025 15:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 06 15:57:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	39.768	0.6	106	-0.02
49	Acenaphthylene	40.000	35.723	10.7	100	-0.04
50	Dimethylphthalate	40.000	39.230	1.9	109	-0.04
51	2,6-Dinitrotoluene	40.000	39.077	2.3	107	-0.03
52 C	Acenaphthene	40.000	40.102	-0.3	112	-0.04
53	3-Nitroaniline	40.000	40.312	-0.8	105	-0.02
54 P	2,4-Dinitrophenol	40.000	37.020	7.4	104	0.00
55	Dibenzofuran	40.000	39.189	2.0	111	-0.04
56 P	4-Nitrophenol	40.000	39.940	0.2	108	0.02
57	2,4-Dinitrotoluene	40.000	40.790	-2.0	109	-0.02
58	Fluorene	40.000	39.313	1.7	110	-0.05
59	2,3,4,6-Tetrachlorophenol	40.000	39.559	1.1	107	-0.04
60	Diethylphthalate	40.000	39.006	2.5	111	-0.04
61	4-Chlorophenyl-phenylether	40.000	40.497	-1.2	115	-0.04
62	4-Nitroaniline	40.000	39.588	1.0	103	-0.03
63	Azobenzene	40.000	36.831	7.9	101	-0.04
64 I	Phenanthrene-d10	20.000	20.000	0.0	117	-0.03
65	4,6-Dinitro-2-methylphenol	40.000	43.634	-9.1	113	-0.02
66 c	n-Nitrosodiphenylamine	40.000	39.619	1.0	107	-0.03
67	4-Bromophenyl-phenylether	40.000	42.780	-7.0	116	-0.04
68	Hexachlorobenzene	40.000	42.973	-7.4	119	-0.03
69	Atrazine	40.000	39.198	2.0	104	-0.02
70 C	Pentachlorophenol	40.000	39.145	2.1	104	-0.02
71	Phenanthrene	40.000	39.434	1.4	108	-0.02
72	Anthracene	40.000	39.175	2.1	107	-0.02
73	Carbazole	40.000	39.864	0.3	107	-0.02
74	Di-n-butylphthalate	40.000	40.965	-2.4	110	-0.03
75 C	Fluoranthene	40.000	39.631	0.9	109	-0.02
76 I	Chrysene-d12	20.000	20.000	0.0	115	-0.03
77	Benzydine	40.000	43.710	-9.3	111	-0.02
78	Pyrene	40.000	41.048	-2.6	110	-0.02
79 S	Terphenyl-d14	80.000	72.461	9.4	98	-0.03
80	Butylbenzylphthalate	40.000	40.237	-0.6	104	-0.04
81	Benzo(a)anthracene	40.000	39.666	0.8	107	-0.03
82	3,3'-Dichlorobenzidine	40.000	38.336	4.2	100	-0.04
83	Chrysene	40.000	39.107	2.2	106	-0.03
84	Bis(2-ethylhexyl)phthalate	40.000	39.541	1.1	103	-0.05
85 c	Di-n-octyl phthalate	40.000	40.413	-1.0	106	-0.06
86 I	Perylene-d12	20.000	20.000	0.0	116	-0.06
87	Indeno(1,2,3-cd)pyrene	40.000	40.417	-1.0	107	-0.06
88	Benzo(b)fluoranthene	40.000	40.117	-0.3	107	-0.04
89	Benzo(k)fluoranthene	40.000	39.831	0.4	108	-0.04
90 C	Benzo(a)pyrene	40.000	38.667	3.3	103	-0.05
91	Dibenzo(a,h)anthracene	40.000	40.450	-1.1	108	-0.08
92	Benzo(g,h,i)perylene	40.000	39.324	1.7	106	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025924.D
Acq On : 06 Oct 2025 15:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Oct 06 15:57:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)
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(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025924.D
 Acq On : 06 Oct 2025 15:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 06 15:57:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	133	-0.02
2	1,4-Dioxane	0.520	0.491	5.6	120	0.00
3	Pyridine	1.432	1.444	-0.8	123	0.00
4	n-Nitrosodimethylamine	0.676	0.561	17.0	104	0.00
5 S	2-Fluorophenol	1.240	1.259	-1.5	123	0.00
6	Aniline	2.262	2.116	6.5	112	-0.02
7 S	Phenol-d6	1.648	1.630	1.1	117	0.00
8	2-Chlorophenol	1.360	1.410	-3.7	125	-0.02
9	Benzaldehyde	0.987	1.230	-24.6	187#	-0.02
10 C	Phenol	1.737	1.761	-1.4	120	0.00
11	bis(2-Chloroethyl)ether	1.396	1.398	-0.1	120	-0.01
12	1,3-Dichlorobenzene	1.548	1.509	2.5	120	-0.02
13 C	1,4-Dichlorobenzene	1.576	1.511	4.1	119	-0.02
14	1,2-Dichlorobenzene	1.531	1.462	4.5	118	-0.02
15	Benzyl Alcohol	1.361	1.283	5.7	113	-0.02
16	2,2'-oxybis(1-Chloropropane	2.282	2.036	10.8	109	-0.04
17	2-Methylphenol	1.171	1.171	0.0	118	-0.01
18	Hexachloroethane	0.602	0.587	2.5	121	-0.03
19 P	n-Nitroso-di-n-propylamine	1.149	1.084	5.7	109	-0.02
20	3+4-Methylphenols	1.640	1.594	2.8	117	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	125	-0.02
22	Acetophenone	0.534	0.535	-0.2	113	-0.02
23 S	Nitrobenzene-d5	0.453	0.403	11.0	101	-0.02
24	Nitrobenzene	0.407	0.409	-0.5	113	-0.02
25	Isophorone	0.797	0.763	4.3	111	-0.02
26 C	2-Nitrophenol	0.181	0.201	-11.0	124	-0.02
27	2,4-Dimethylphenol	0.317	0.293	7.6	103	-0.02
28	bis(2-Chloroethoxy)methane	0.461	0.460	0.2	115	-0.03
29 C	2,4-Dichlorophenol	0.316	0.334	-5.7	119	0.00
30	1,2,4-Trichlorobenzene	0.356	0.348	2.2	115	-0.02
31	Naphthalene	1.078	1.068	0.9	116	-0.03
32	Benzoic acid	0.236	0.231	2.1	110	0.00
33	4-Chloroaniline	0.449	0.409	8.9	100	-0.02
34 C	Hexachlorobutadiene	0.229	0.239	-4.4	123	-0.04
35	Caprolactam	0.122	0.115	5.7	109	0.00
36 C	4-Chloro-3-methylphenol	0.377	0.374	0.8	113	-0.01
37	2-Methylnaphthalene	0.693	0.761	-9.8	127	-0.03
38	1-Methylnaphthalene	0.739	0.733	0.8	114	-0.03
39 I	Acenaphthene-d10	1.000	1.000	0.0	121	-0.03
40	1,2,4,5-Tetrachlorobenzene	0.606	0.641	-5.8	117	-0.03
41 P	Hexachlorocyclopentadiene	0.330	0.311	5.8	99	-0.04
42 S	2,4,6-Tribromophenol	0.249	0.265	-6.4	116	-0.04
43 C	2,4,6-Trichlorophenol	0.398	0.428	-7.5	116	-0.03
44	2,4,5-Trichlorophenol	0.443	0.456	-2.9	110	0.00
45 S	2-Fluorobiphenyl	1.502	1.339	10.9	101	-0.03
46	1,1'-Biphenyl	1.468	1.475	-0.5	112	-0.03
47	2-Chloronaphthalene	1.156	1.164	-0.7	113	-0.03

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025924.D
 Acq On : 06 Oct 2025 15:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 06 15:57:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	2-Nitroaniline	0.385	0.383	0.5	106	-0.02
49	Acenaphthylene	1.915	1.710	10.7	100	-0.04
50	Dimethylphthalate	1.527	1.498	1.9	109	-0.04
51	2,6-Dinitrotoluene	0.324	0.316	2.5	107	-0.03
52 C	Acenaphthene	1.104	1.107	-0.3	112	-0.04
53	3-Nitroaniline	0.340	0.343	-0.9	105	-0.02
54 P	2,4-Dinitrophenol	0.183	0.180	1.6	104	0.00
55	Dibenzofuran	1.800	1.764	2.0	111	-0.04
56 P	4-Nitrophenol	0.258	0.275	-6.6	108	0.02
57	2,4-Dinitrotoluene	0.460	0.469	-2.0	109	-0.02
58	Fluorene	1.431	1.407	1.7	110	-0.05
59	2,3,4,6-Tetrachlorophenol	0.399	0.395	1.0	107	-0.04
60	Diethylphthalate	1.549	1.510	2.5	111	-0.04
61	4-Chlorophenyl-phenylether	0.721	0.730	-1.2	115	-0.04
62	4-Nitroaniline	0.349	0.345	1.1	103	-0.03
63	Azobenzene	1.498	1.379	7.9	101	-0.04
64 I	Phenanthrene-d10	1.000	1.000	0.0	117	-0.03
65	4,6-Dinitro-2-methylphenol	0.133	0.145	-9.0	113	-0.02
66 c	n-Nitrosodiphenylamine	0.612	0.606	1.0	107	-0.03
67	4-Bromophenyl-phenylether	0.220	0.235	-6.8	116	-0.04
68	Hexachlorobenzene	0.245	0.263	-7.3	119	-0.03
69	Atrazine	0.234	0.229	2.1	104	-0.02
70 C	Pentachlorophenol	0.162	0.158	2.5	104	-0.02
71	Phenanthrene	1.135	1.118	1.5	108	-0.02
72	Anthracene	1.151	1.127	2.1	107	-0.02
73	Carbazole	1.070	1.067	0.3	107	-0.02
74	Di-n-butylphthalate	1.313	1.345	-2.4	110	-0.03
75 C	Fluoranthene	1.361	1.348	1.0	109	-0.02
76 I	Chrysene-d12	1.000	1.000	0.0	115	-0.03
77	Benzidine	0.576	0.630	-9.4	111	-0.02
78	Pyrene	1.335	1.369	-2.5	110	-0.02
79 S	Terphenyl-d14	1.112	1.007	9.4	98	-0.03
80	Butylbenzylphthalate	0.585	0.589	-0.7	104	-0.04
81	Benzo(a)anthracene	1.369	1.358	0.8	107	-0.03
82	3,3'-Dichlorobenzidine	0.473	0.454	4.0	100	-0.04
83	Chrysene	1.305	1.276	2.2	106	-0.03
84	Bis(2-ethylhexyl)phthalate	0.856	0.846	1.2	103	-0.05
85 c	Di-n-octyl phthalate	1.523	1.539	-1.1	106	-0.06
86 I	Perylene-d12	1.000	1.000	0.0	116	-0.06
87	Indeno(1,2,3-cd)pyrene	1.454	1.470	-1.1	107	-0.06
88	Benzo(b)fluoranthene	1.223	1.227	-0.3	107	-0.04
89	Benzo(k)fluoranthene	1.248	1.243	0.4	108	-0.04
90 C	Benzo(a)pyrene	1.198	1.158	3.3	103	-0.05
91	Dibenzo(a,h)anthracene	1.190	1.204	-1.2	108	-0.08
92	Benzo(g,h,i)perylene	1.170	1.151	1.6	106	-0.06

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025924.D
Acq On : 06 Oct 2025 15:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Oct 06 15:57:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
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(#) = Out of Range

SPCC's out = 0 CCC's out = 0



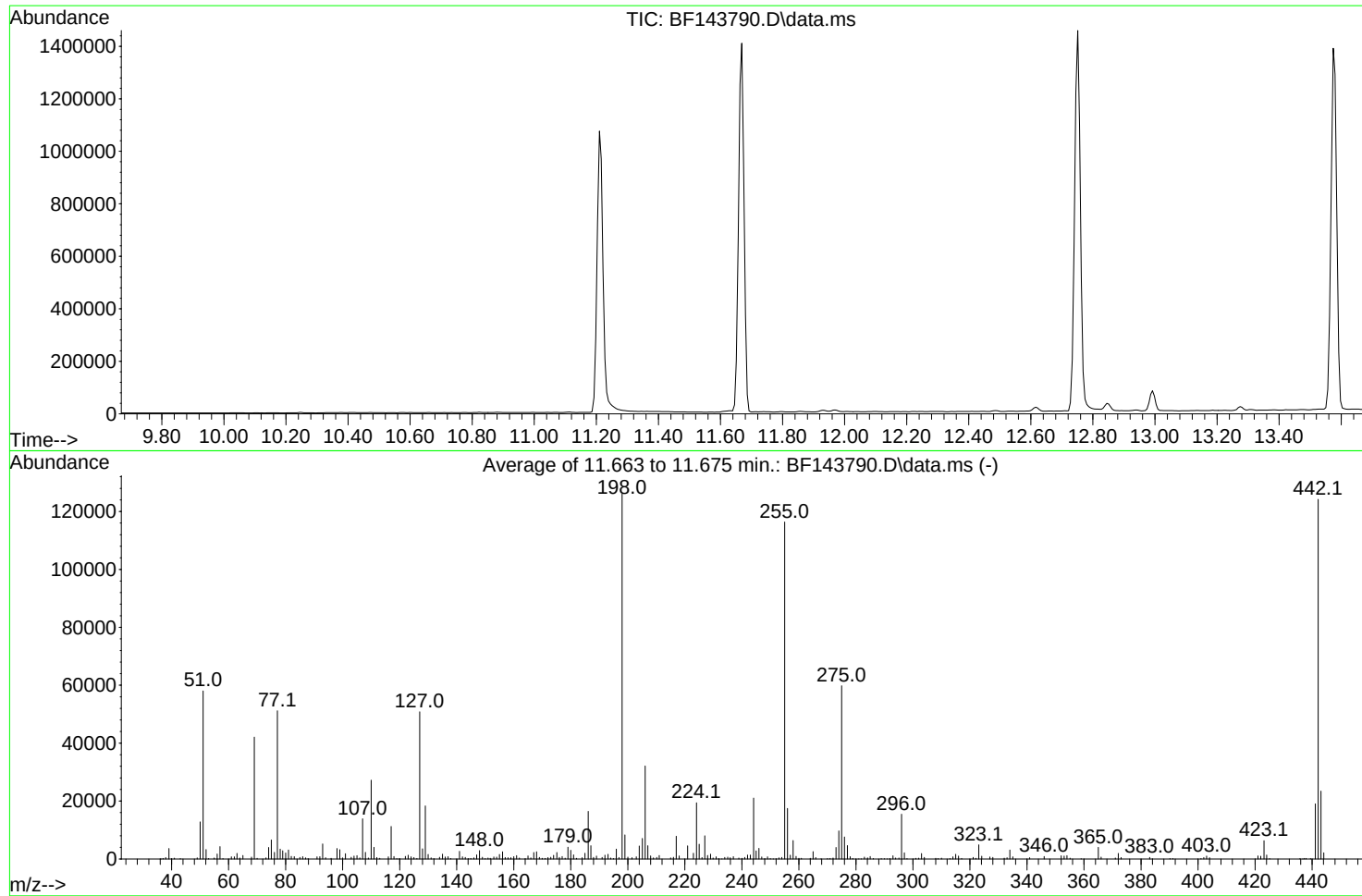
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143790.D
Acq On : 23 Sep 2025 09:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 24 05:00:00 2025



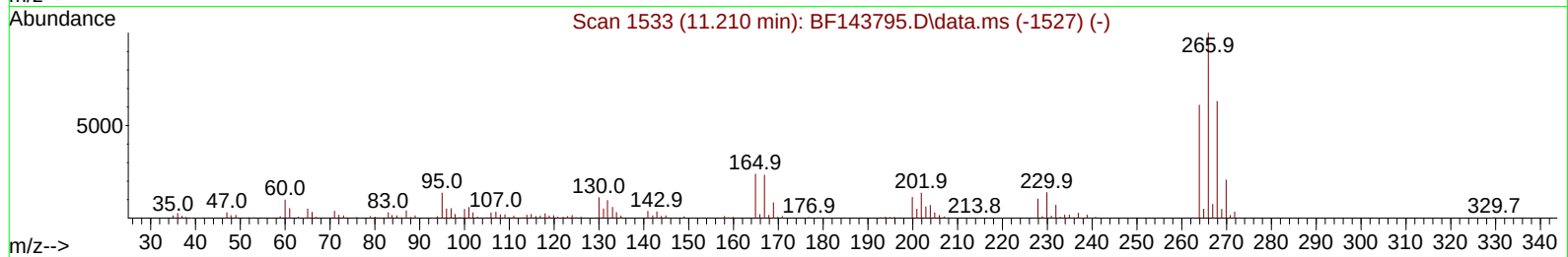
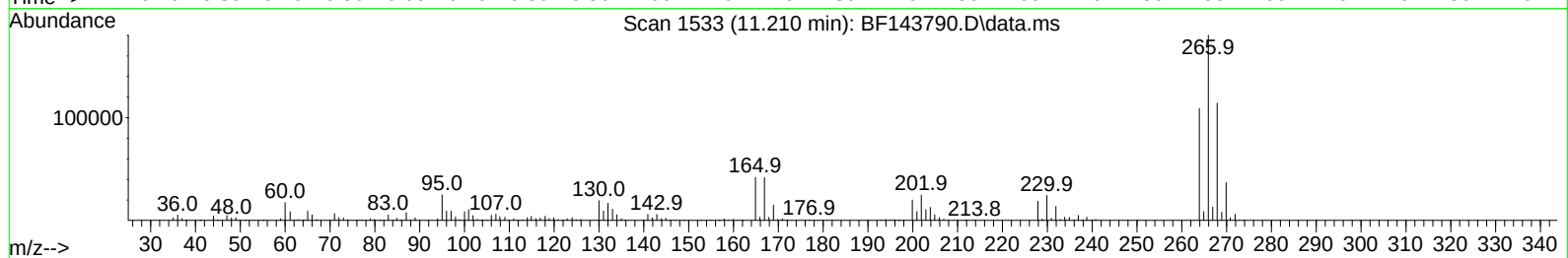
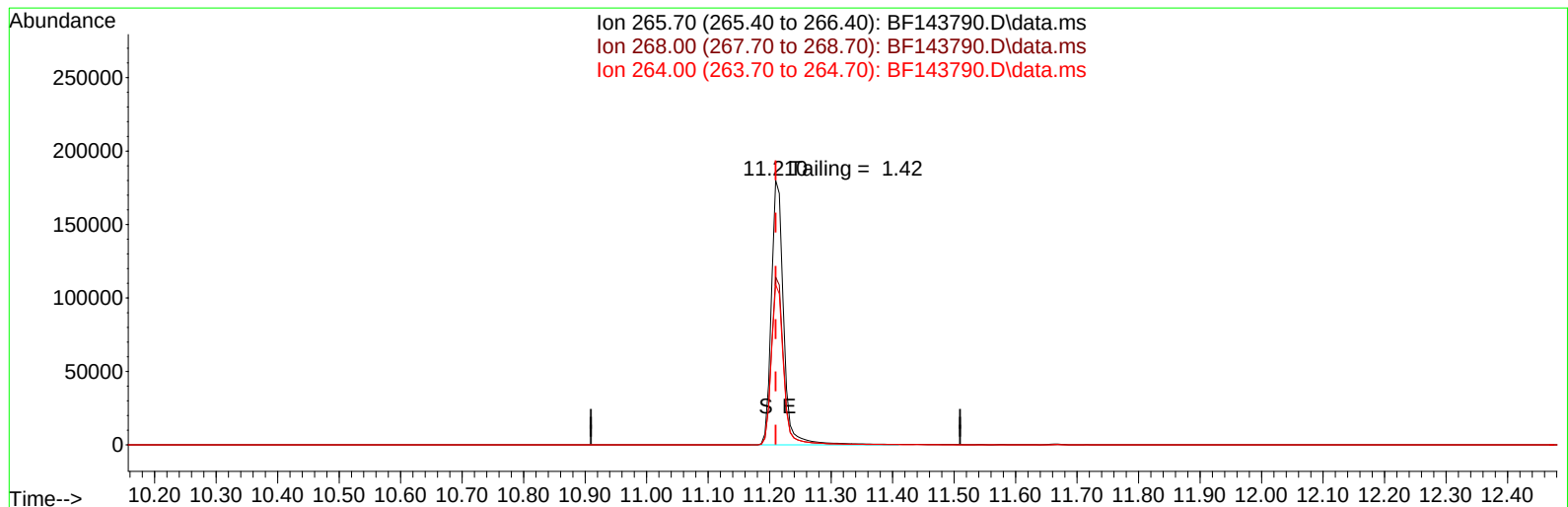
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1604

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	670	PASS
69	69	100	100	100.0	42104	PASS
70	69	0.00	2	0.6	252	PASS
197	198	0.00	2	0.4	514	PASS
198	198	100	100	100.0	126099	PASS
199	198	5	9	6.6	8311	PASS
365	198	1	100	3.2	4006	PASS
441	443	0.01	150	81.4	19061	PASS
442	442	100	100	100.0	124205	PASS
443	442	15	24	18.9	23416	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143790.D
Acq On : 23 Sep 2025 09:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 23 14:37:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 14:30:38 2025
Response via : Initial Calibration



TIC: BF143790.D\data.ms

(70) Pentachlorophenol (C)

11.210min (+ 0.000) 32047.58 ng

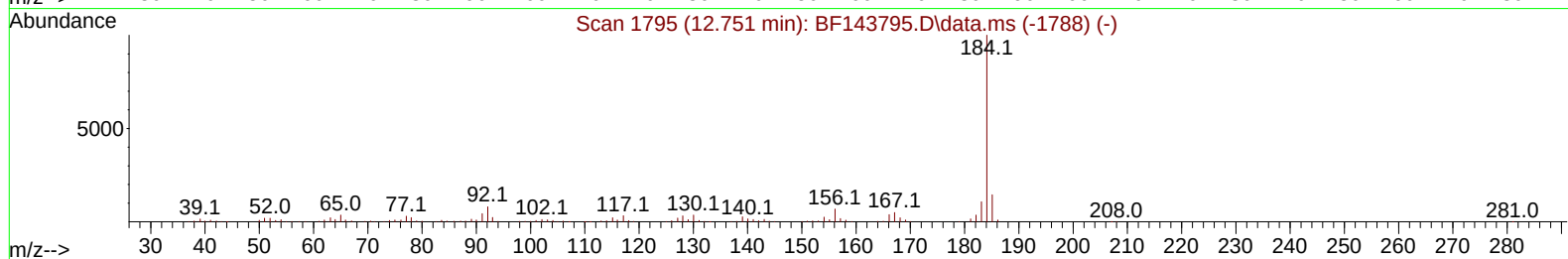
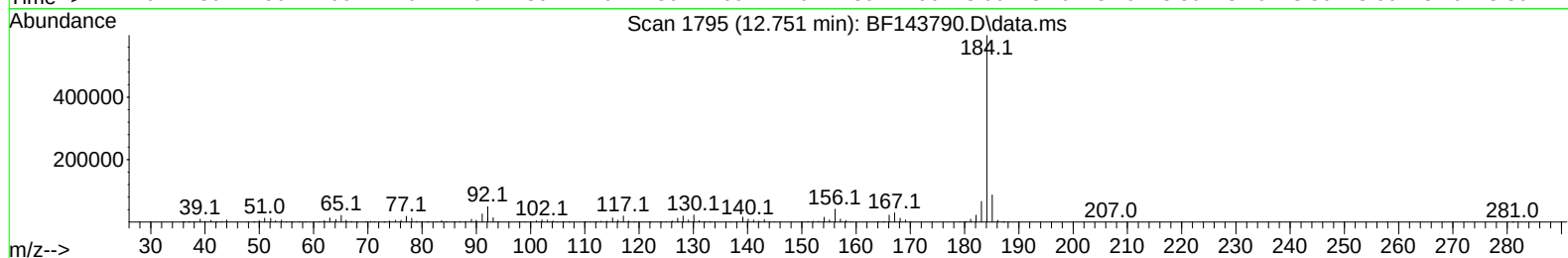
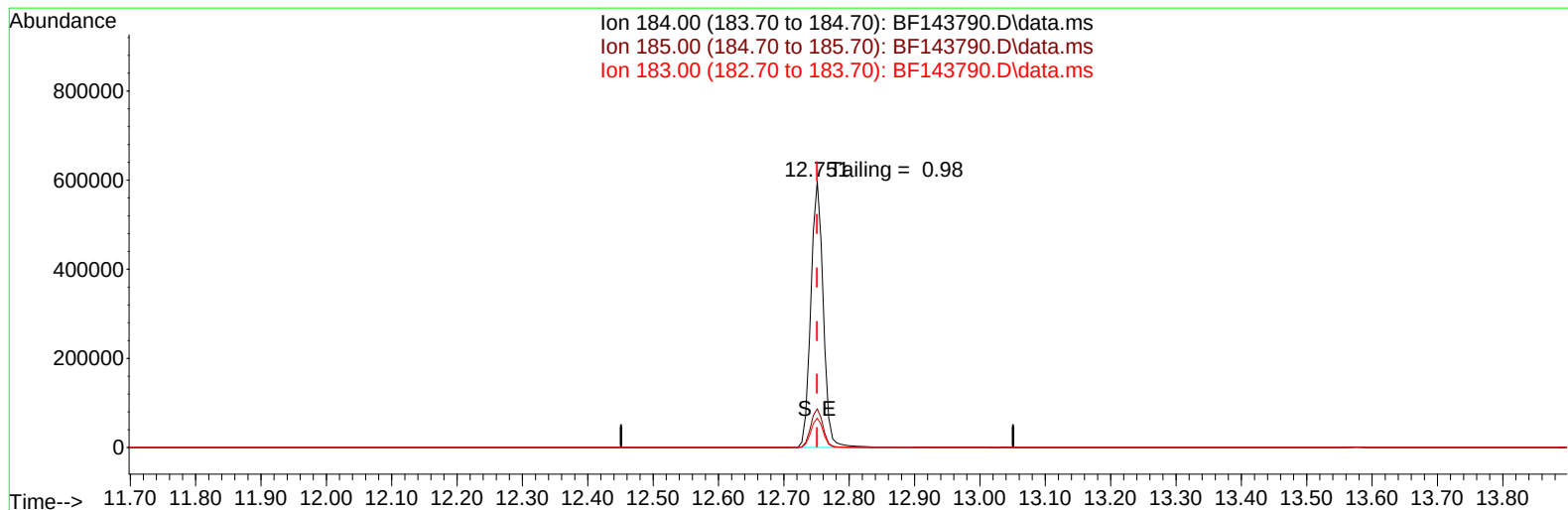
response 252838

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.36
264.00	61.00	60.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
Data File : BF143790.D
Acq On : 23 Sep 2025 09:31
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Sep 23 14:37:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 23 14:30:38 2025
Response via : Initial Calibration



TIC: BF143790.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 22811.55 ng

response 789331

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.56
183.00	10.80	11.07
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/23/2025	BNA_F	<u>BF143790.D</u>
Compound Name	Response	Retention Time
DDT	356414	13.574
DDD	5539	13.274
DDE	649	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
6188	362602	1.71

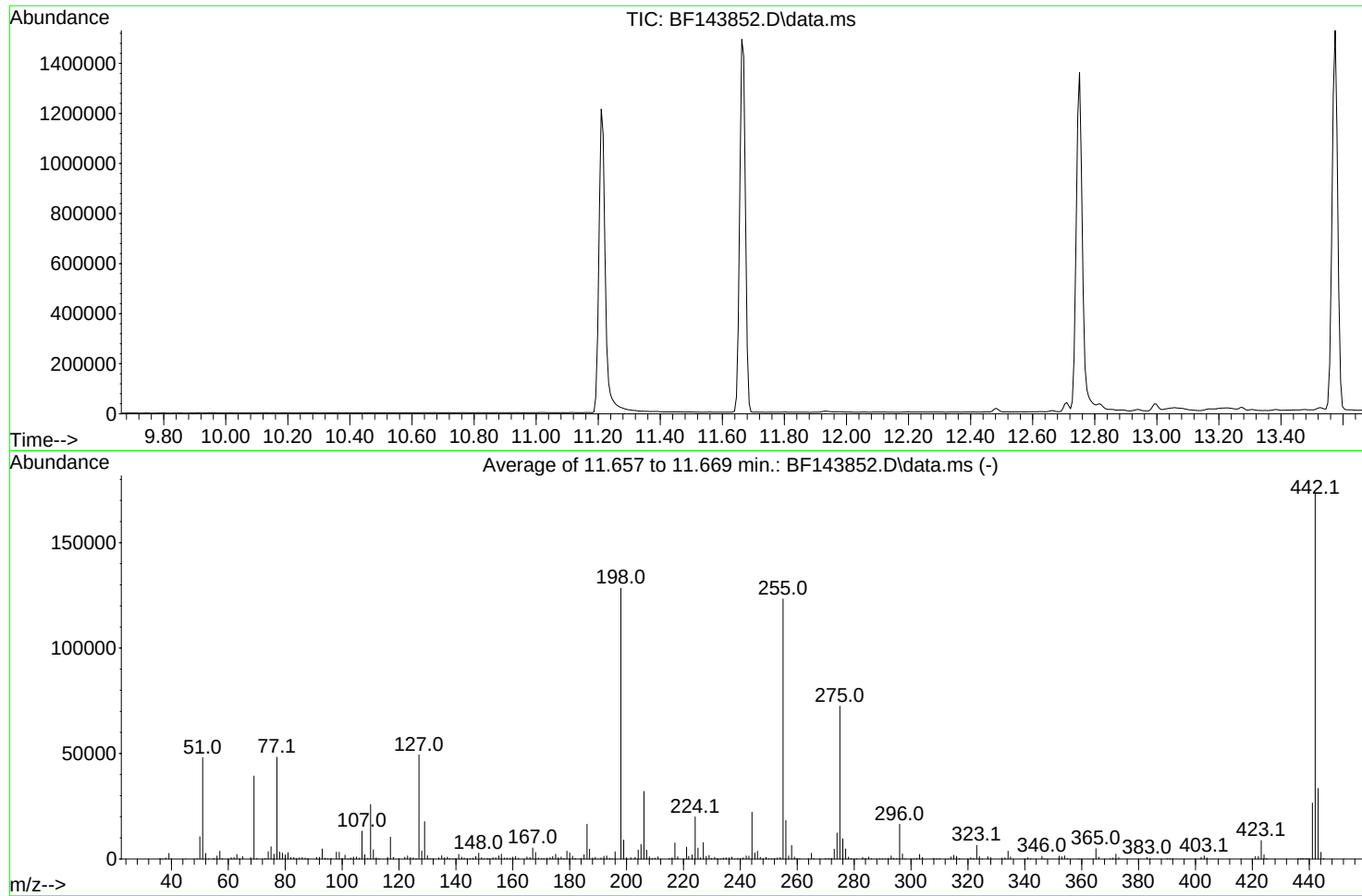
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143852.D
Acq On : 02 Oct 2025 12:38
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Sep 24 05:00:00 2025



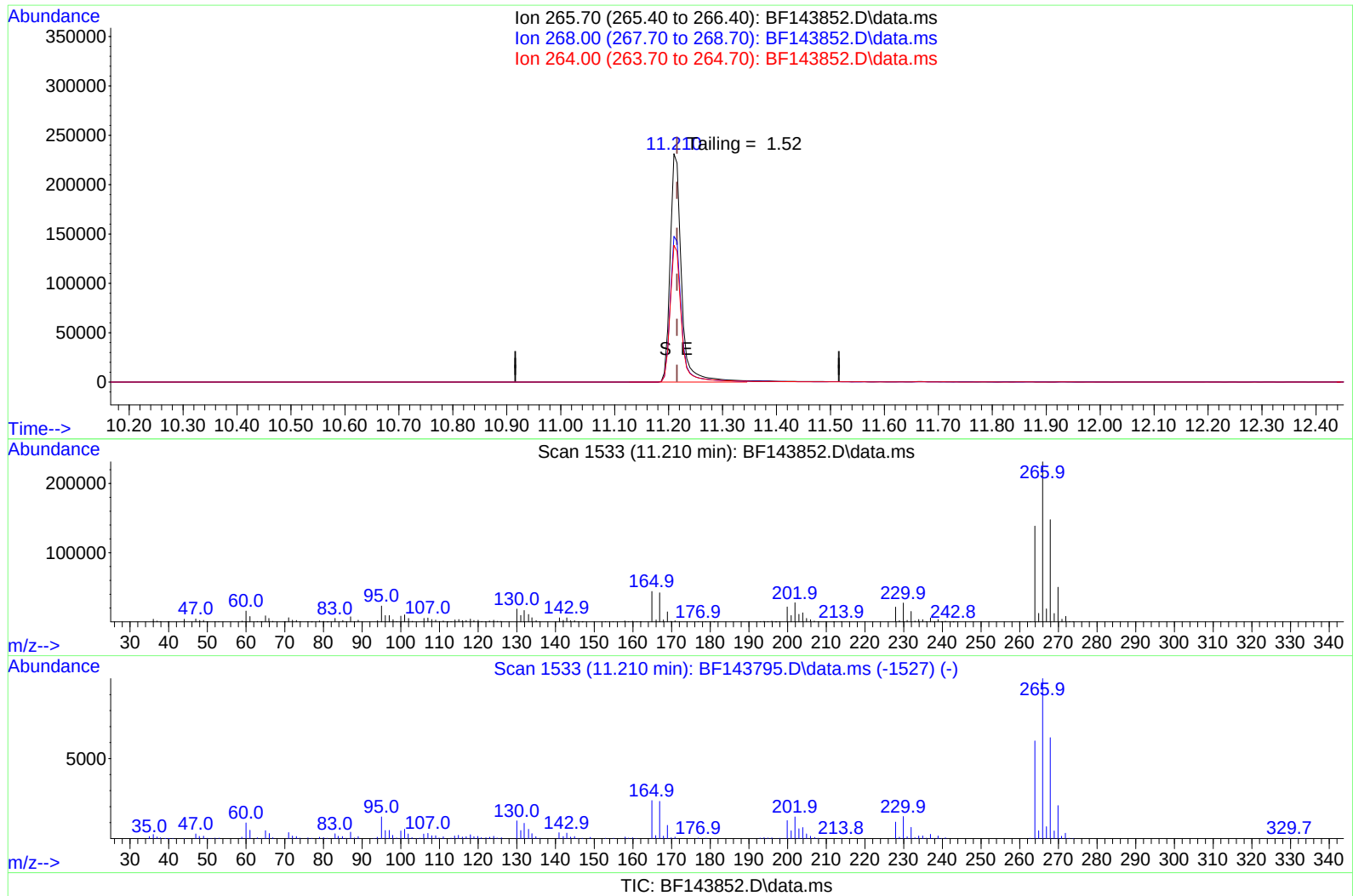
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.5	592	PASS
69	69	100	100	100.0	39317	PASS
70	69	0.00	2	0.6	241	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	128365	PASS
199	198	5	9	7.0	8922	PASS
365	198	1	100	3.8	4865	PASS
441	443	0.01	150	79.1	26476	PASS
442	442	100	100	100.0	173128	PASS
443	442	15	24	19.3	33467	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143852.D
Acq On : 02 Oct 2025 12:38
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 02 16:01:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



(70) Pentachlorophenol (C)

11.210min (-0.006) 45678.34 ng

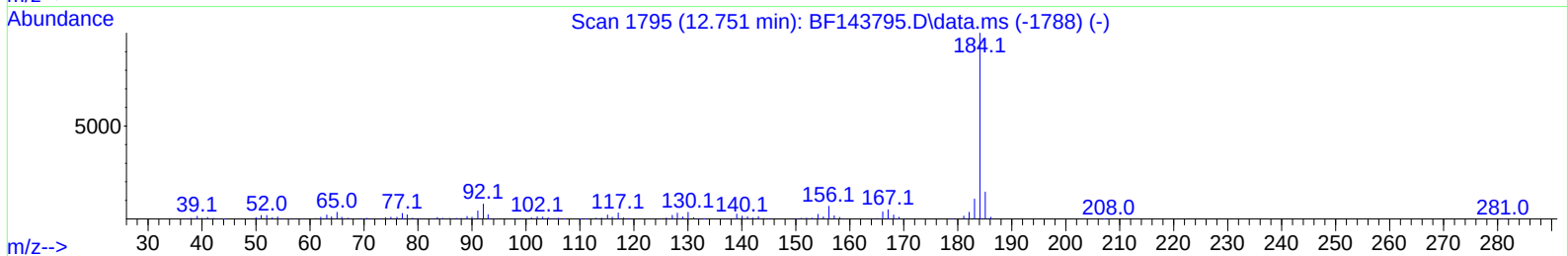
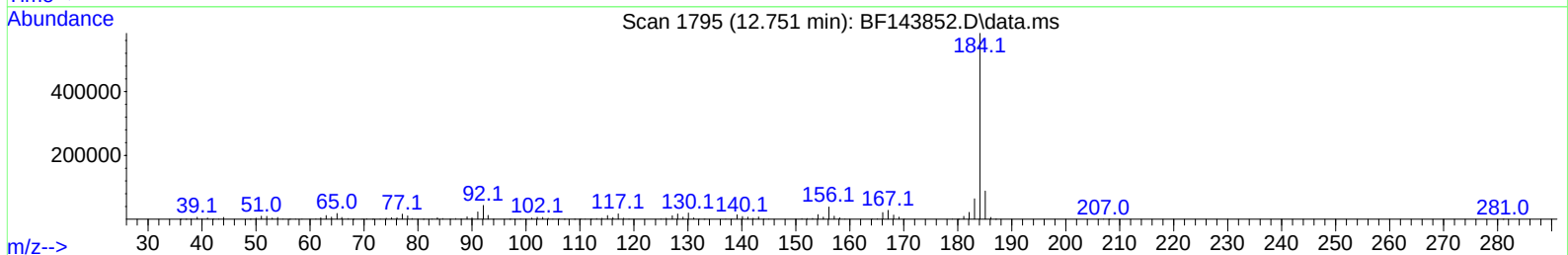
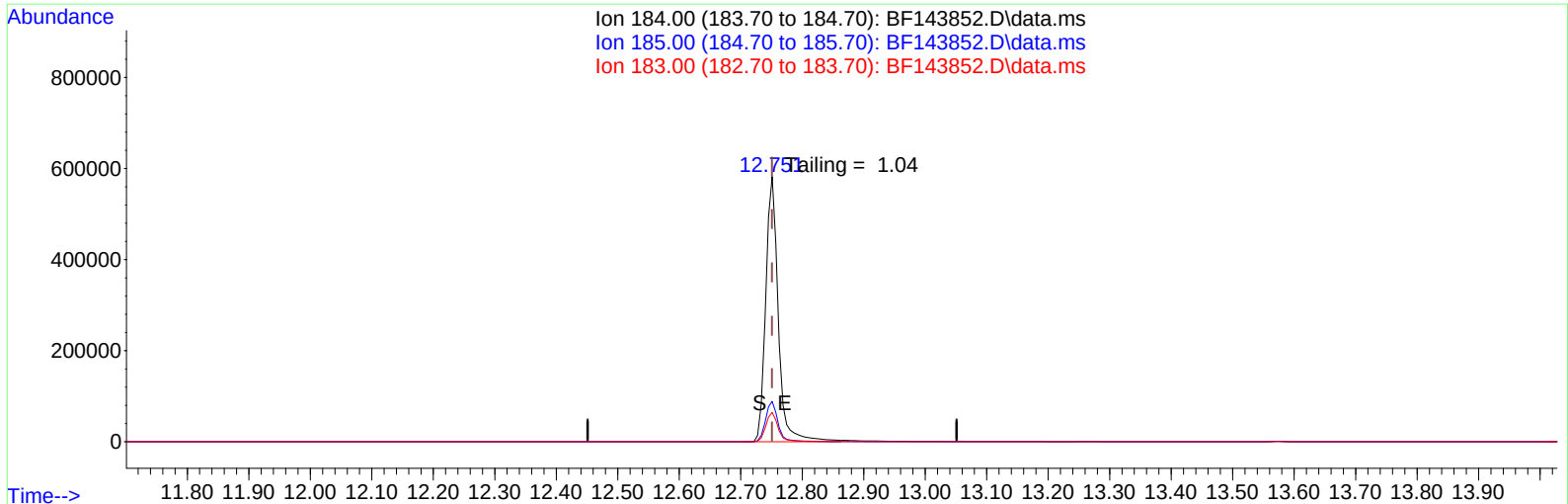
response 345495

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.10	63.85
264.00	61.00	59.89
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143852.D
Acq On : 02 Oct 2025 12:38
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 02 16:01:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration



TIC: BF143852.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 0.00 ng

response 842115

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	15.21
183.00	10.80	11.05
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/2/2025	BNA_F	<u>BF143852.D</u>
Compound Name	Response	Retention Time
DDT	415956	13.574
DDD	5701	13.274
DDE	2125	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
7826	423782	1.85

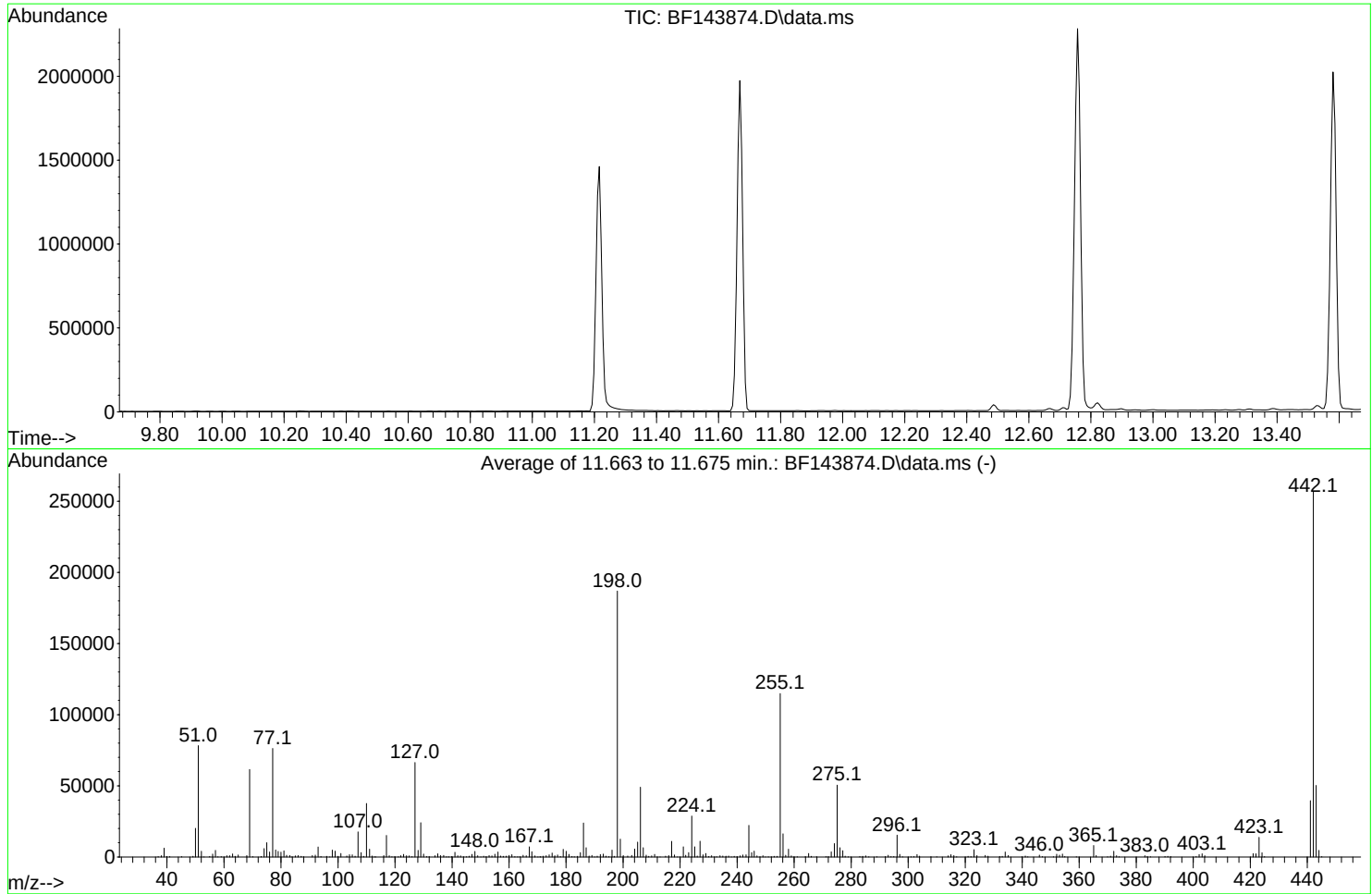
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



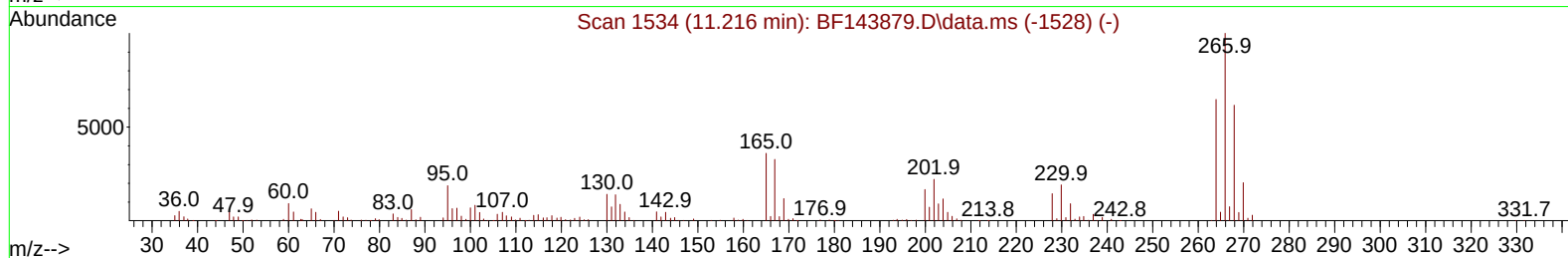
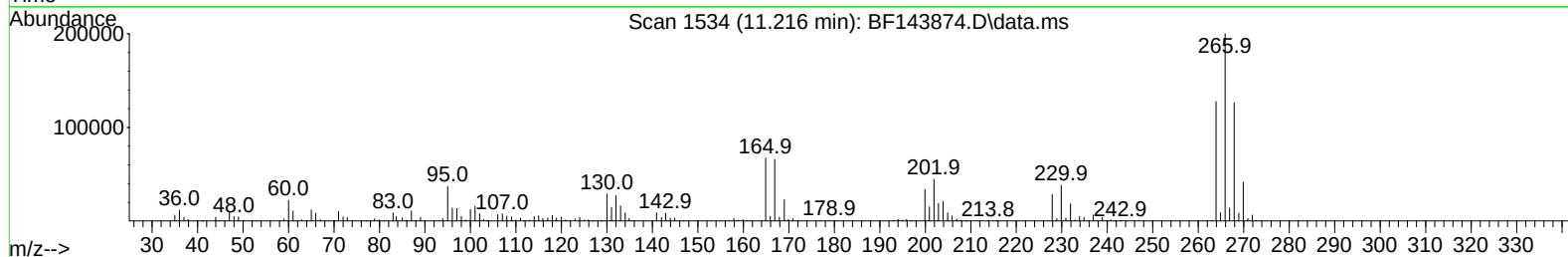
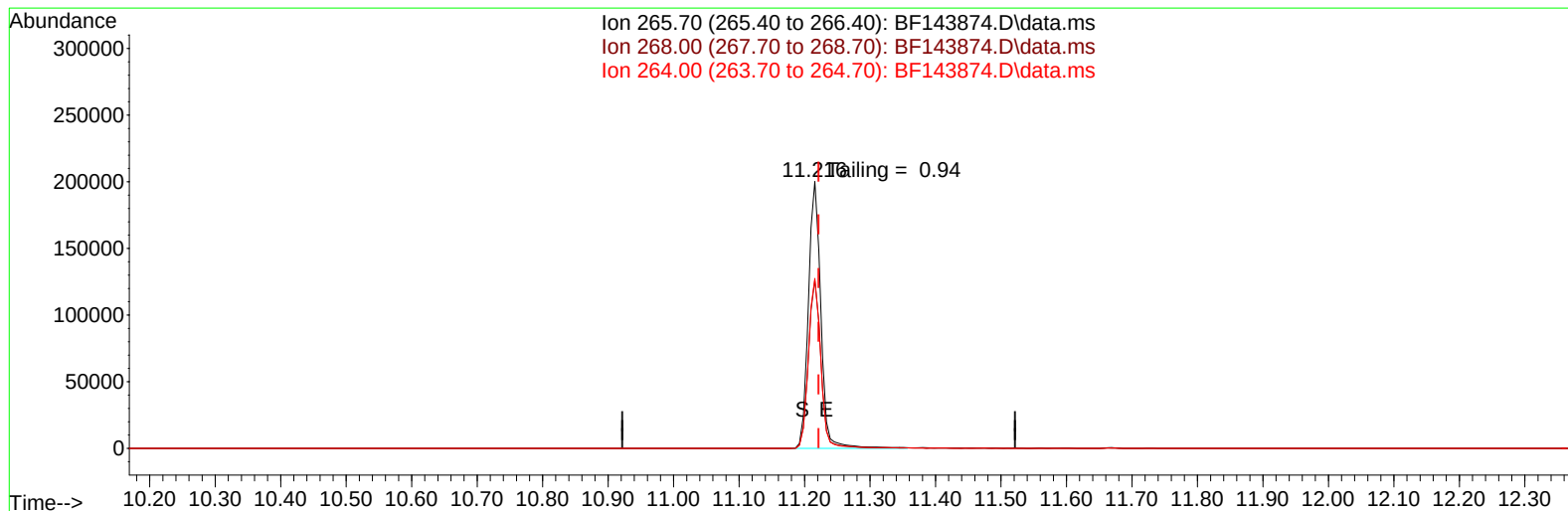
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	971	PASS
69	69	100	100	100.0	61475	PASS
70	69	0.00	2	0.4	240	PASS
197	198	0.00	2	0.3	472	PASS
198	198	100	100	100.0	186859	PASS
199	198	5	9	6.7	12573	PASS
365	198	1	100	4.3	8075	PASS
441	443	0.01	150	78.8	39600	PASS
442	442	100	100	100.0	256555	PASS
443	442	15	24	19.6	50245	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143874.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 36564.81 ng

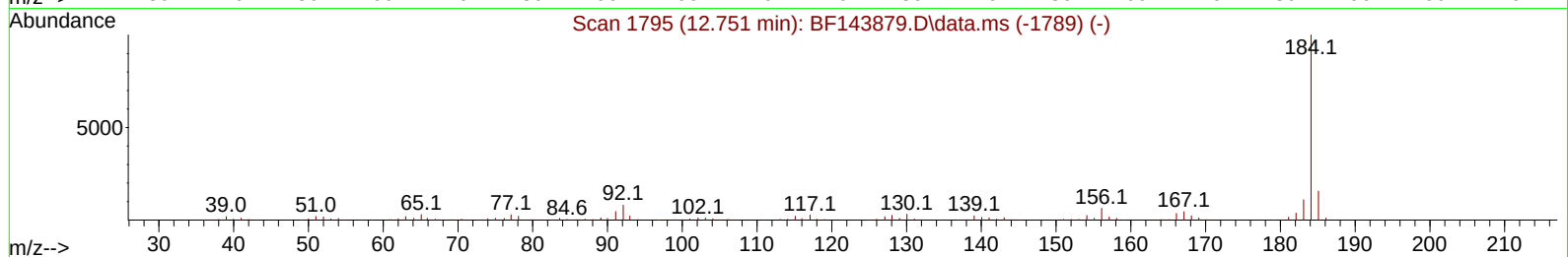
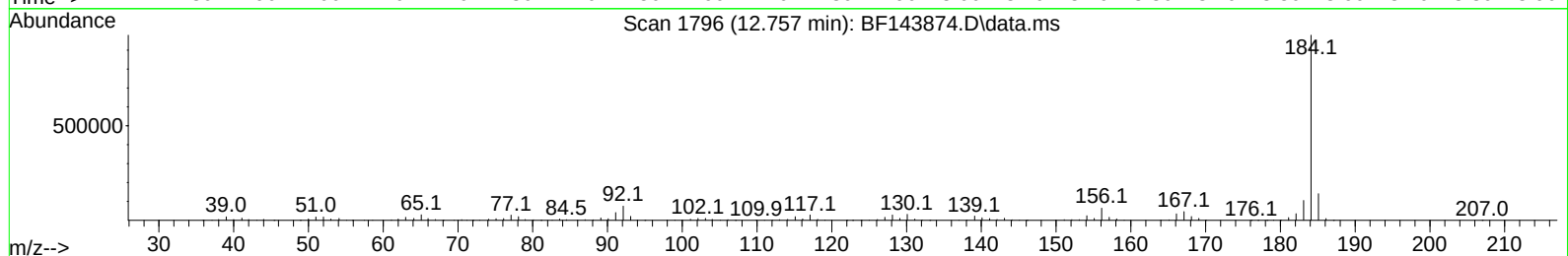
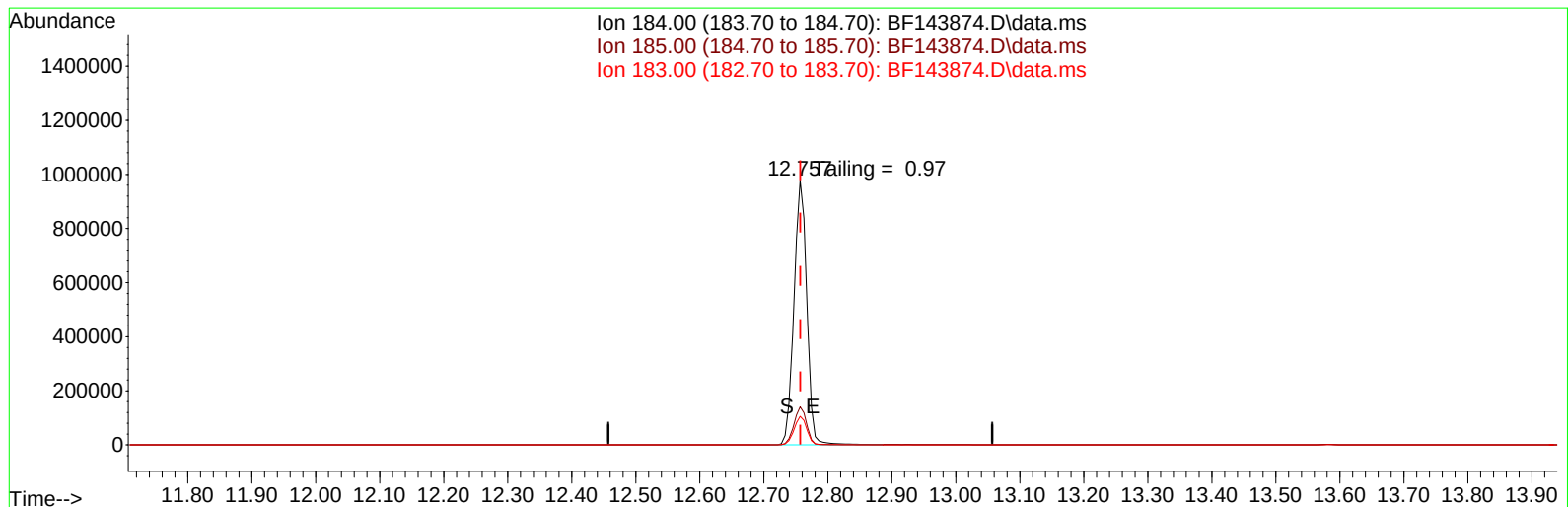
response 265194

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	63.10
264.00	64.70	63.76
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143874.D
Acq On : 06 Oct 2025 09:30
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 06 15:36:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143874.D\data.ms

(77) Benzidine

12.757min (-0.000) 0.00 ng

response 1371993

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.38
183.00	11.00	10.78
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/6/2025	BNA_F	<u>BF143874.D</u>
Compound Name	Response	Retention Time
DDT	503395	13.58
DDD	4048	13.31
DDE	763	12.945
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4811	508206	0.95

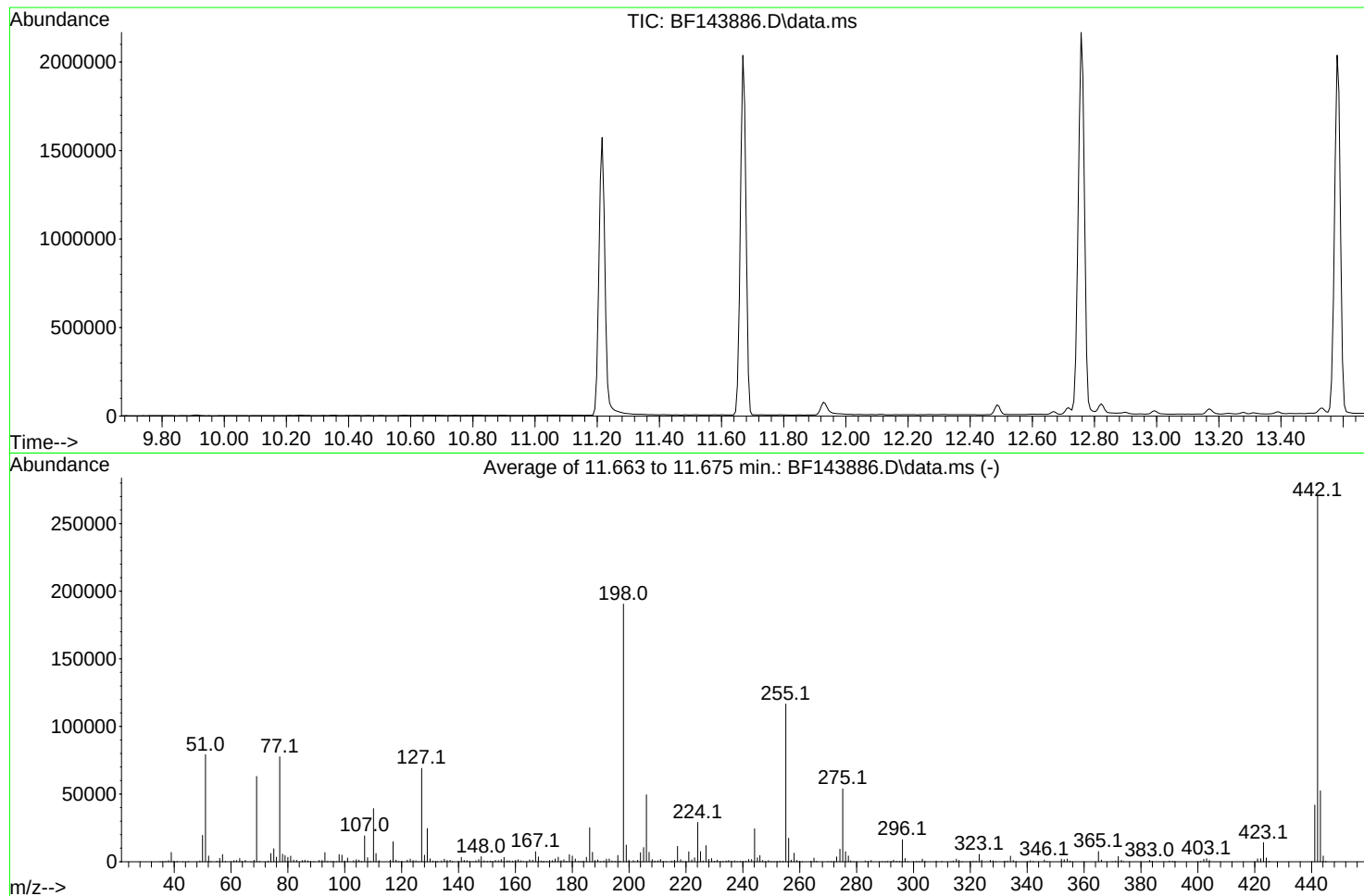
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143886.D
Acq On : 08 Oct 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025



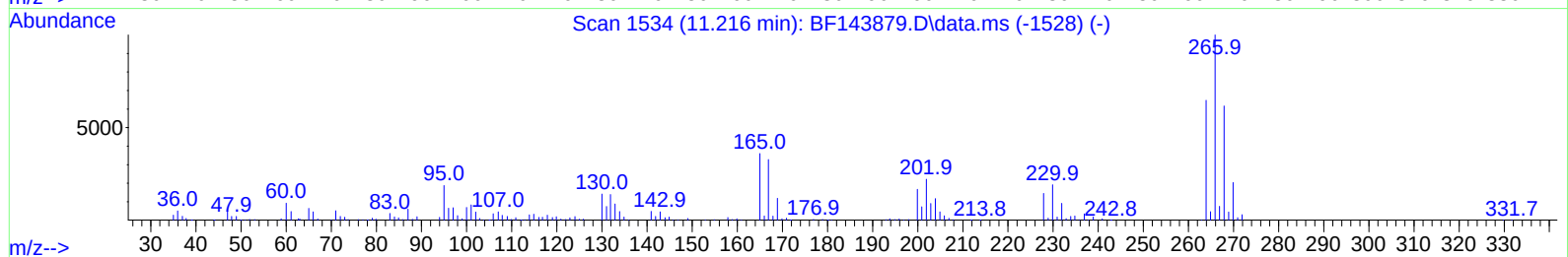
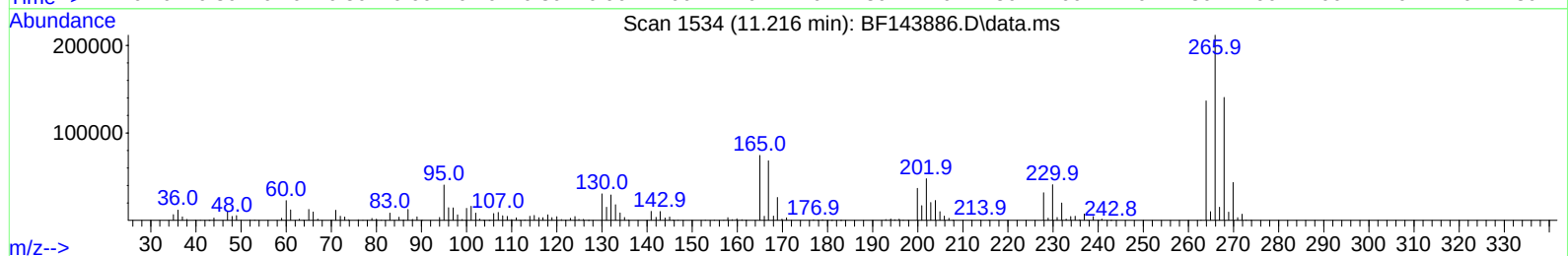
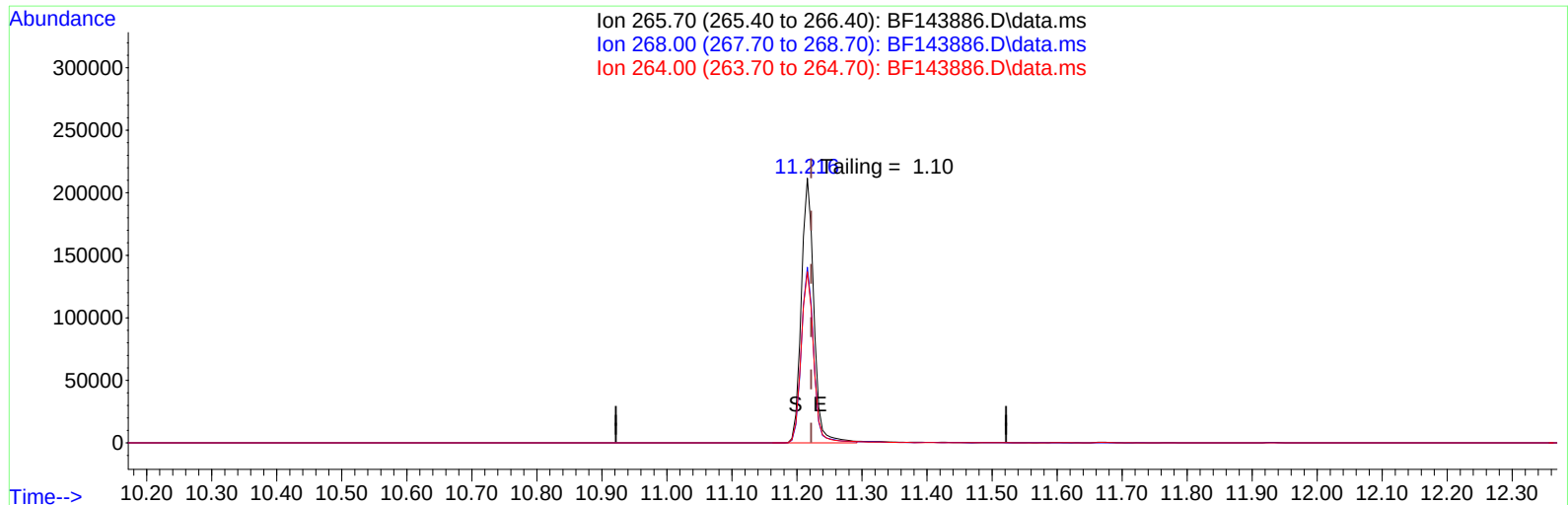
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1604

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.7	1041	PASS
69	69	100	100	100.0	63059	PASS
70	69	0.00	2	0.6	363	PASS
197	198	0.00	2	0.2	431	PASS
198	198	100	100	100.0	190485	PASS
199	198	5	9	6.5	12350	PASS
365	198	1	100	3.9	7472	PASS
441	443	0.01	150	79.9	41901	PASS
442	442	100	100	100.0	270251	PASS
443	442	15	24	19.4	52419	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143886.D
Acq On : 08 Oct 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 08 09:56:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143886.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 29768.94 ng

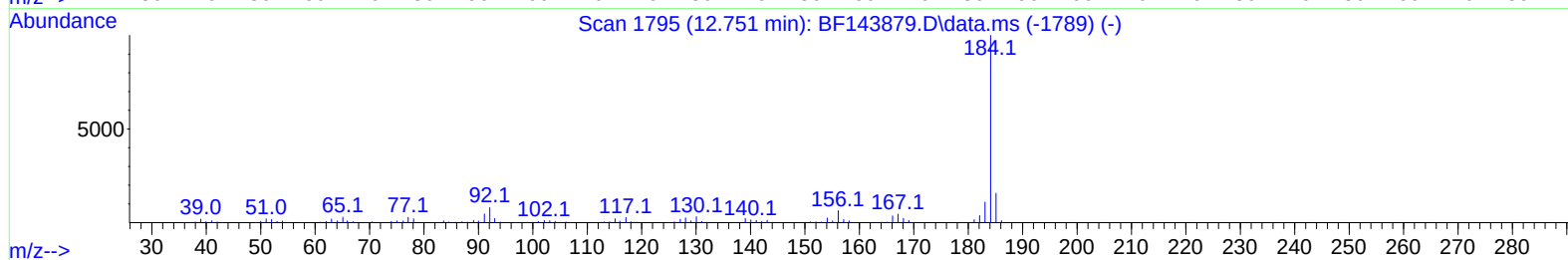
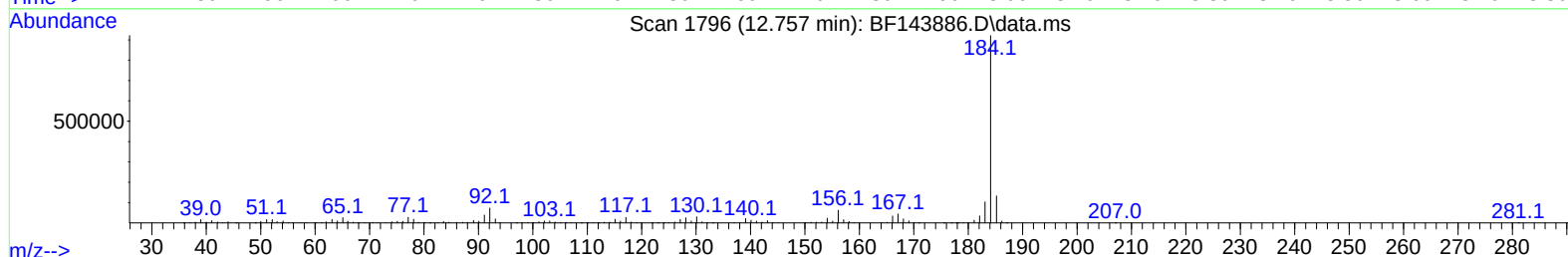
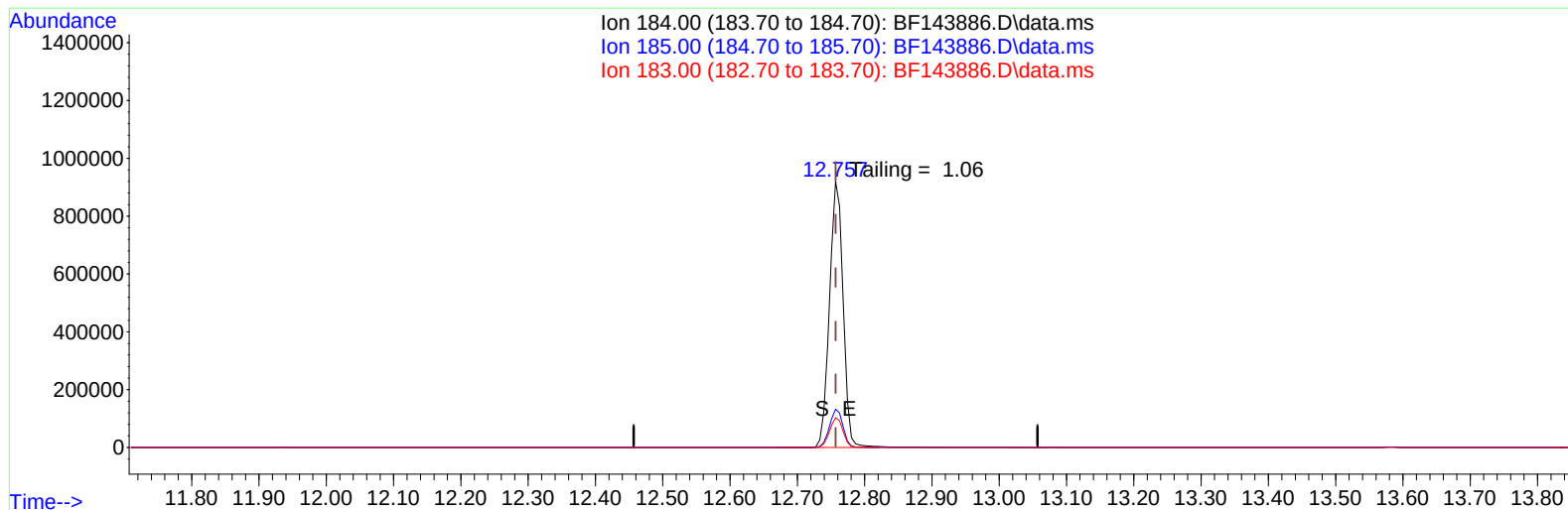
response 287874

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	66.38
264.00	64.70	64.57
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143886.D
Acq On : 08 Oct 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 08 09:56:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF143886.D\data.ms

(77) Benzidine

12.757min (-0.000) 0.00 ng

response 1295126

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.44
183.00	11.00	11.22
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/8/2025	BNA_F	<u>BF143886.D</u>
Compound Name	Response	Retention Time
DDT	524359	13.58
DDD	4870	13.28
DDE	181	12.992
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
5051	529410	0.95

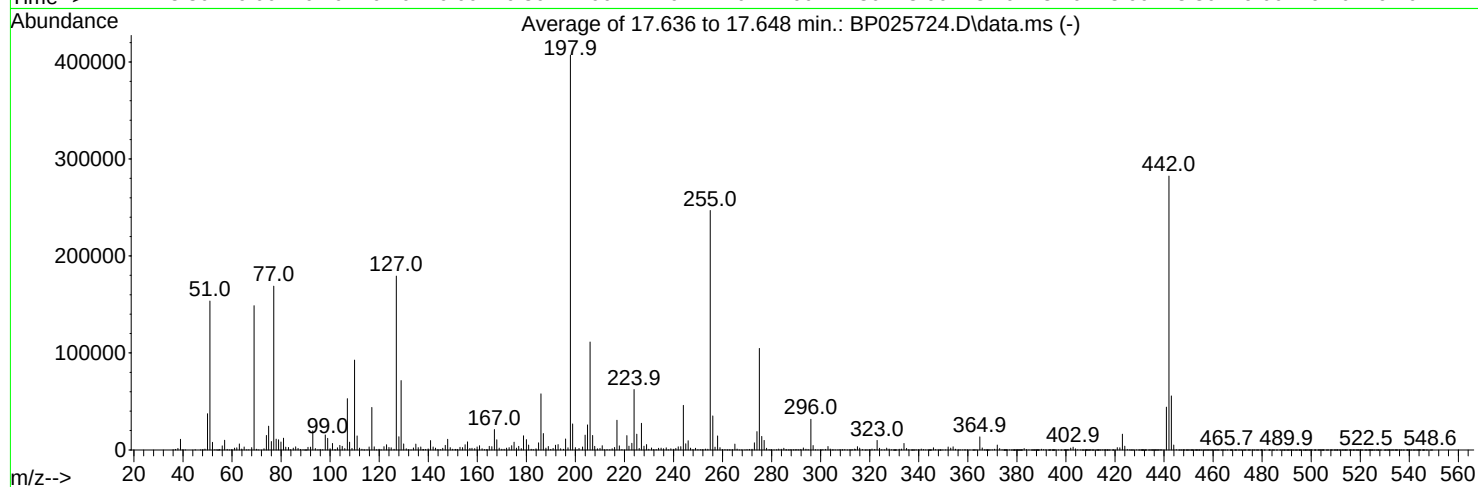
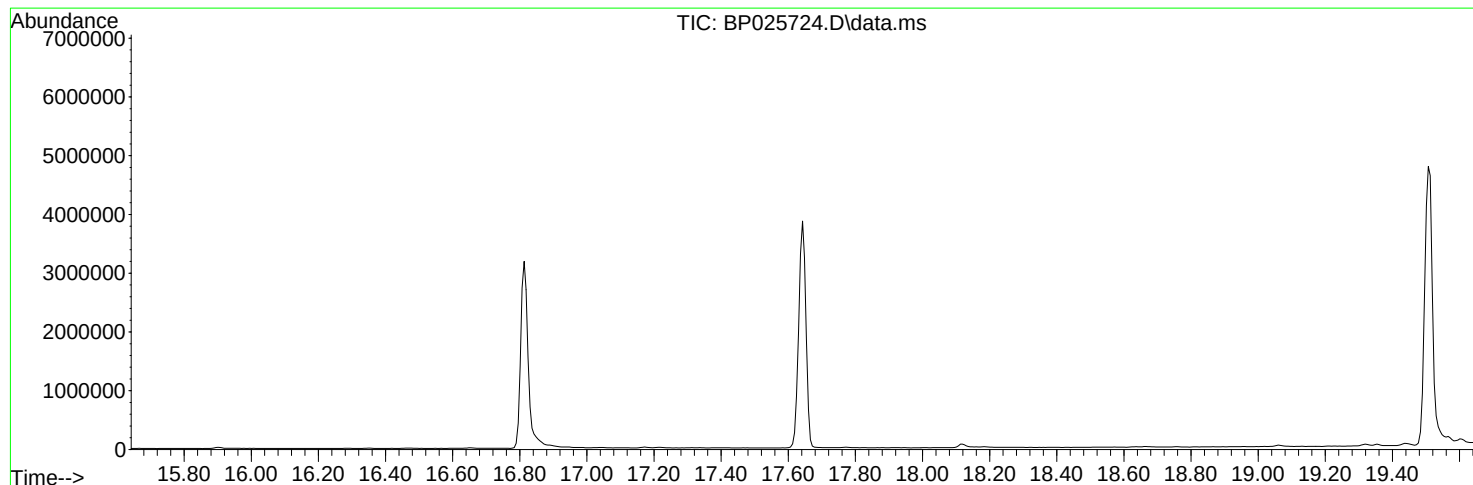
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025



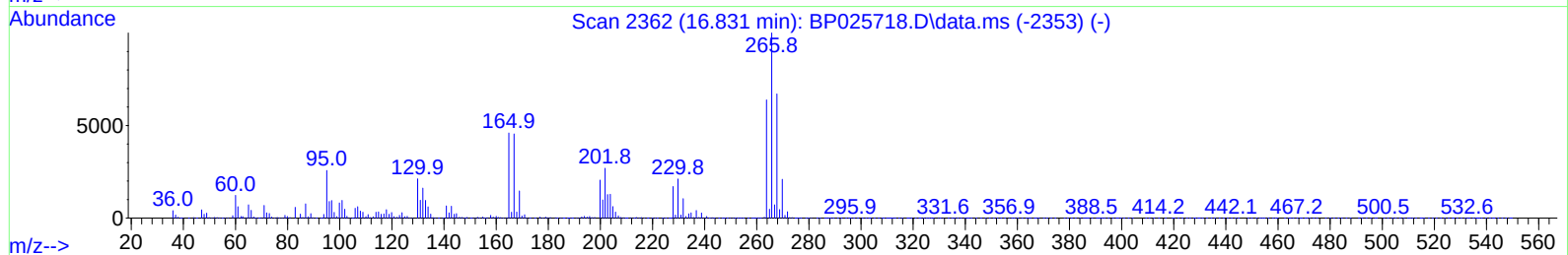
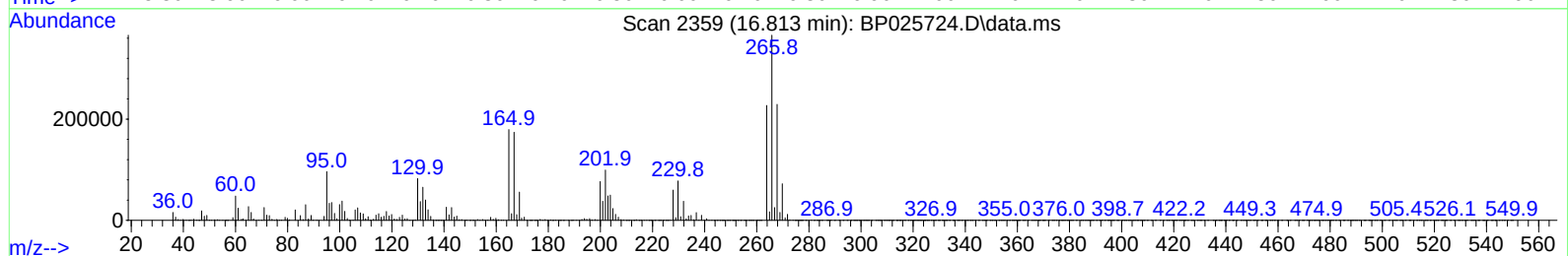
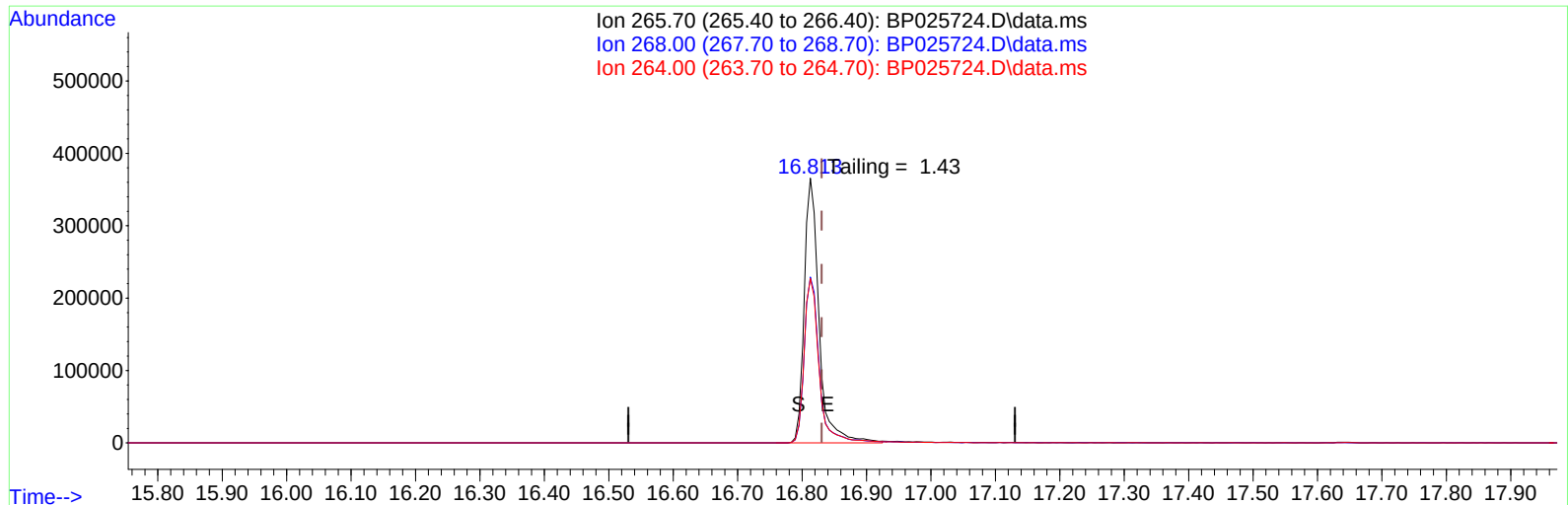
AutoFind: Scans 2499, 2500, 2501; Background Corrected with Scan 2490

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.6	2392	PASS
69	69	100	100	100.0	148681	PASS
70	69	0.00	2	0.5	775	PASS
197	198	0.00	2	0.6	2274	PASS
198	198	100	100	100.0	407104	PASS
199	198	5	9	6.6	26775	PASS
365	198	1	100	3.3	13409	PASS
441	443	0.01	150	79.1	44067	PASS
442	442	100	100	100.0	282368	PASS
443	442	15	24	19.7	55680	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration



TIC: BP025724.D\data.ms

(70) Pentachlorophenol (C)

16.813min (-0.018) 7217.81 ng

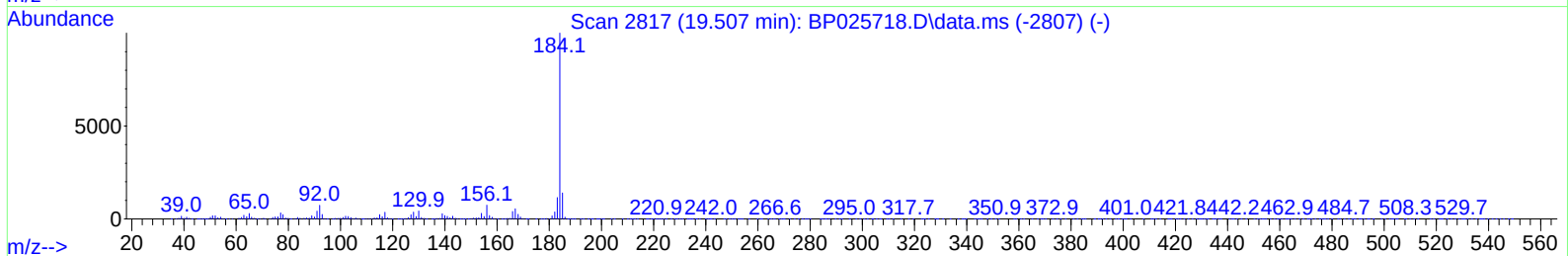
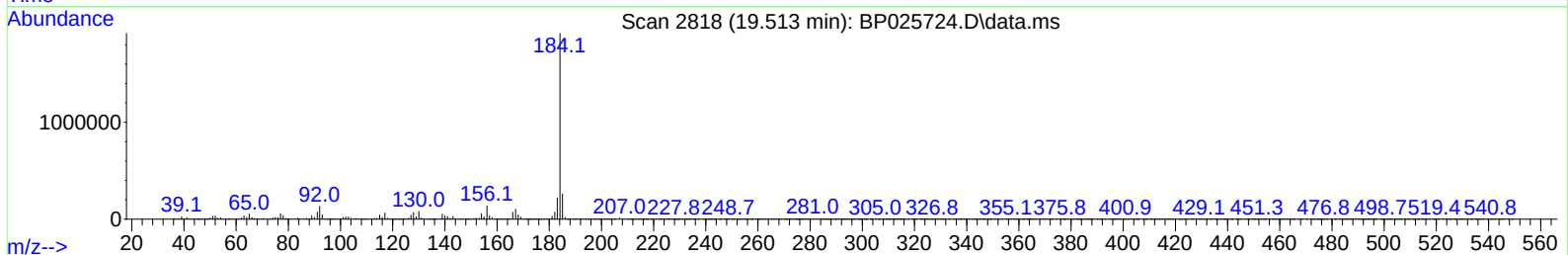
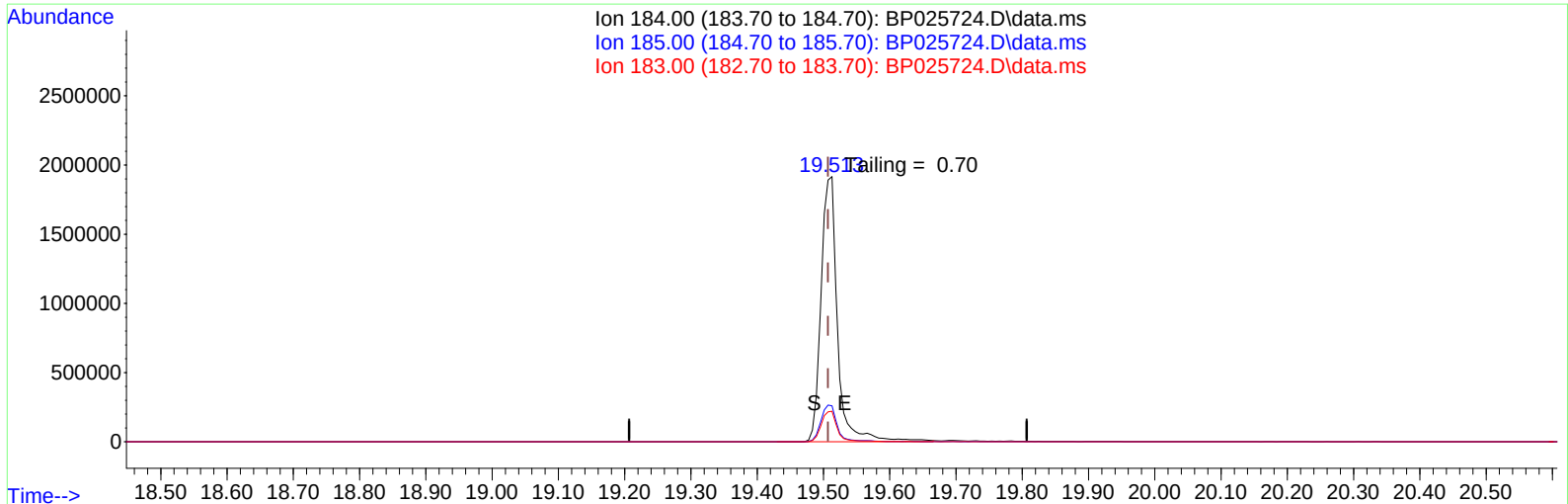
response 589827

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	62.64
264.00	63.80	62.05
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration



TIC: BP025724.D\data.ms

(77) Benzidine

19.513min (+ 0.006) 4369.52 ng

response 3272403

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	13.55
183.00	11.50	11.52
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/12/2025	BNA_P	<u>BP025724.D</u>
Compound Name	Response	Retention Time
DDT	1712718	20.801
DDD	33235	20.342
DDE	3389	19.813
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
36624	1749342	2.09

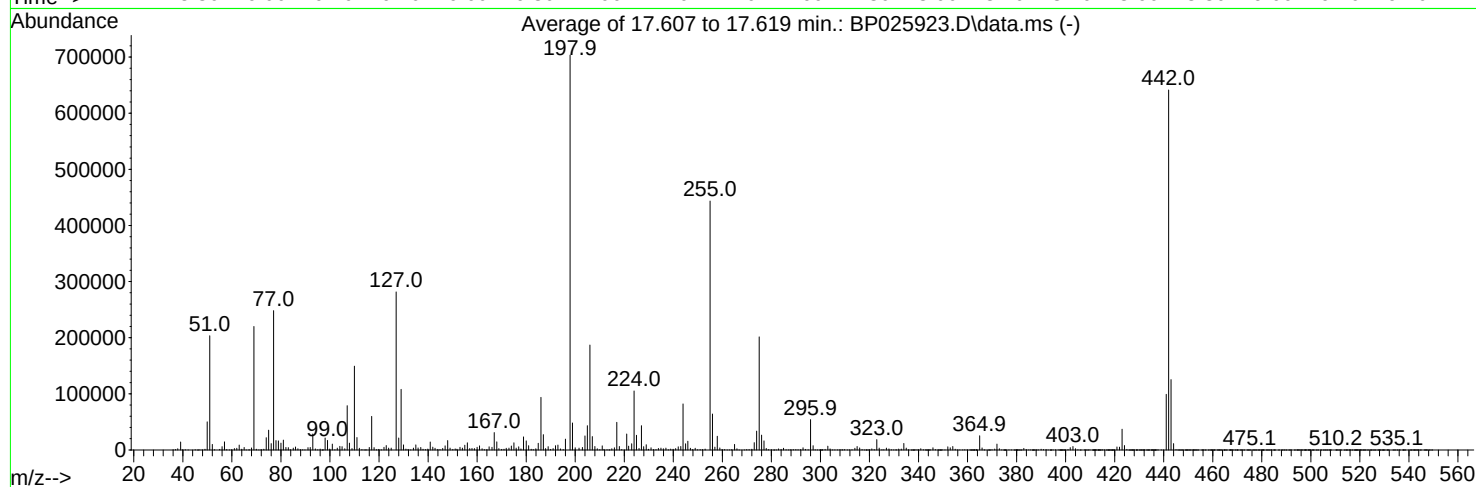
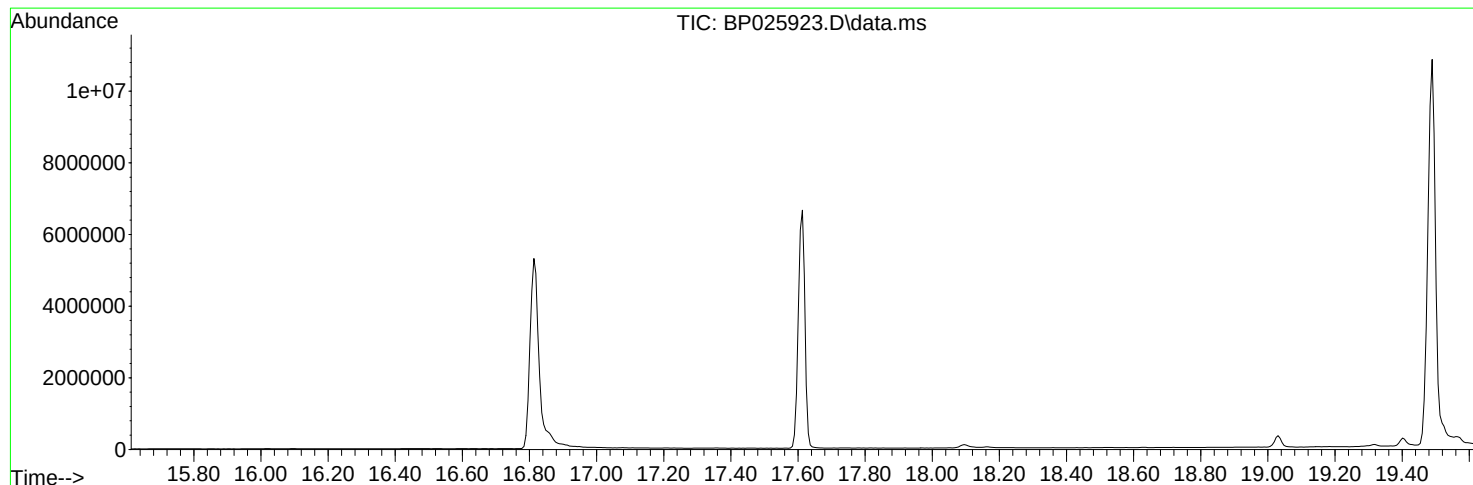
Instrument :
BNA_P
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025923.D
Acq On : 06 Oct 2025 14:12
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 19:16:54 2025



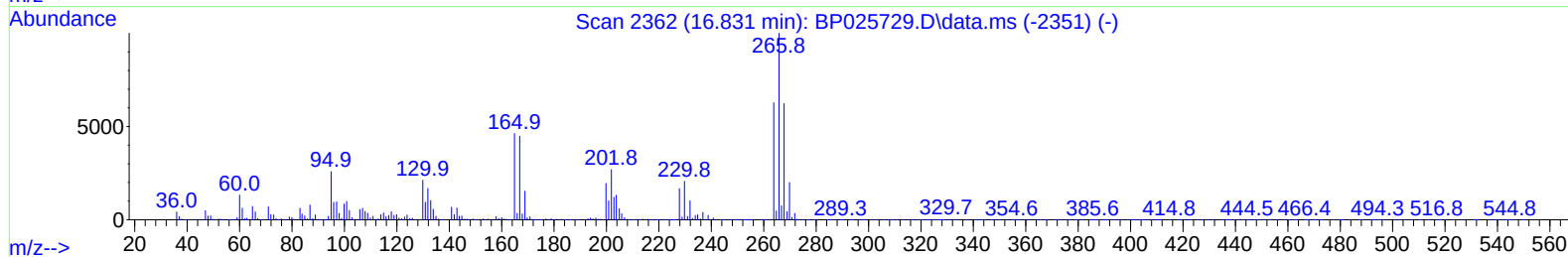
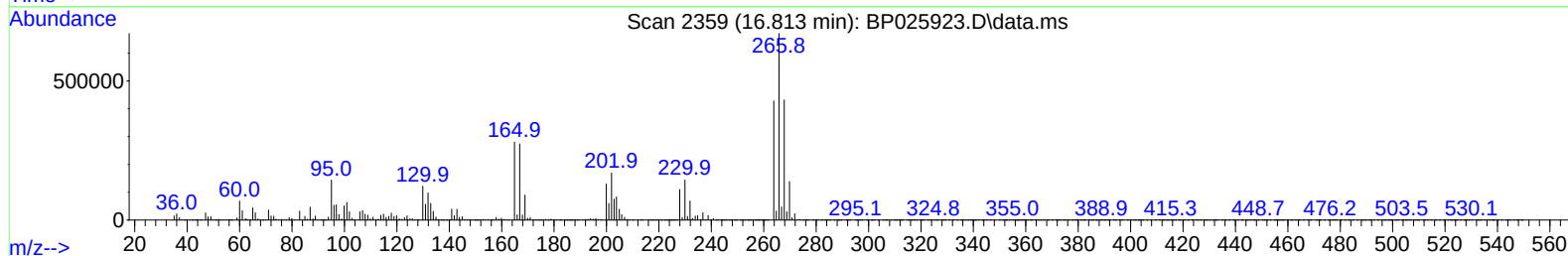
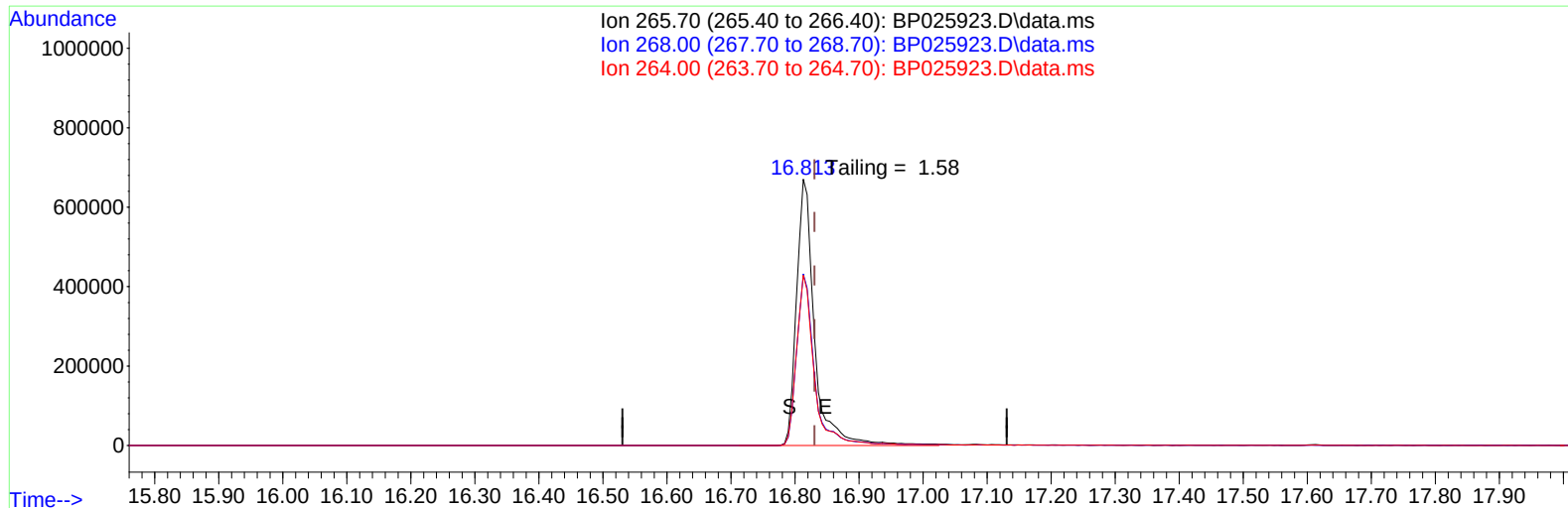
AutoFind: Scans 2494, 2495, 2496; Background Corrected with Scan 2483

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.7	3681	PASS
69	69	100	100	100.0	220105	PASS
70	69	0.00	2	0.6	1214	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	703552	PASS
199	198	5	9	6.8	48102	PASS
365	198	1	100	3.6	25214	PASS
441	443	0.01	150	78.9	98955	PASS
442	442	100	100	100.0	641402	PASS
443	442	15	24	19.6	125427	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025923.D
Acq On : 06 Oct 2025 14:12
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 06 14:34:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



TIC: BP025923.D\data.ms

(70) Pentachlorophenol (C)

16.813min (-0.018) 3783600.35 ng

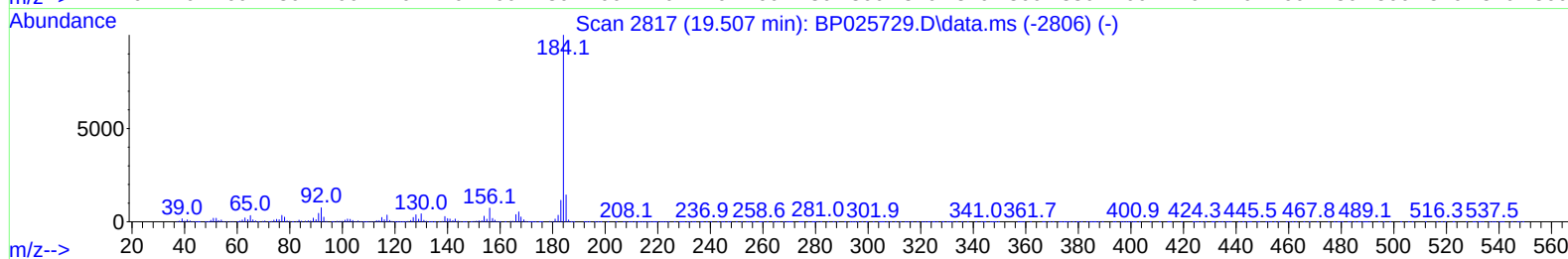
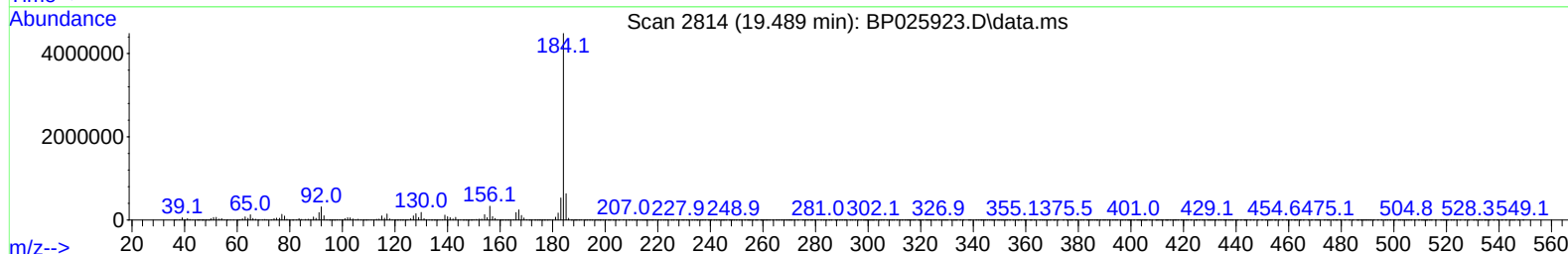
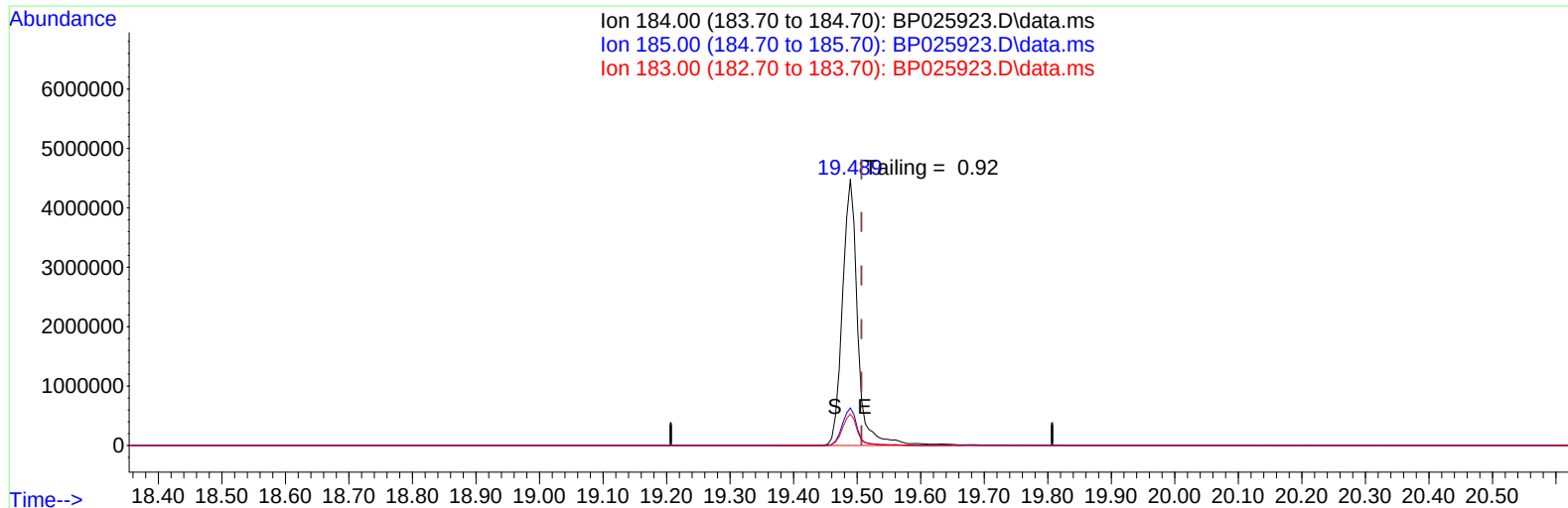
response 1315500

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	64.39
264.00	62.70	63.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025923.D
Acq On : 06 Oct 2025 14:12
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Oct 06 14:34:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



TIC: BP025923.D\data.ms

(77) Benzidine**19.489min (-0.018) 1941205.77 ng****response 7492893**

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.14
183.00	11.50	11.84
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/6/2025	BNA_P	<u>BP025923.D</u>
Compound Name	Response	Retention Time
DDT	2978921	20.772
DDD	61119	20.313
DDE	18694	19.717
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
79813	3058734	2.61

Instrument :
BNA_P
ClientSampleId :
DFTPP

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BL	SDG No.:	Q3266
Lab Sample ID:	PB169953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143890.D	1	10/02/25 10:00	10/08/25 12:20	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BL	SDG No.:	Q3266
Lab Sample ID:	PB169953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143890.D	1	10/02/25 10:00	10/08/25 12:20	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BL	SDG No.:	Q3266
Lab Sample ID:	PB169953BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143890.D	1	10/02/25 10:00	10/08/25 12:20	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	129		18 - 112	86%	SPK: 150
13127-88-3	Phenol-d6	132		15 - 107	88%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.9		18 - 107	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.1		20 - 109	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		10 - 116	96%	SPK: 150
1718-51-0	Terphenyl-d14	90.1		10 - 105	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	127000	6.881			
1146-65-2	Naphthalene-d8	498000	8.163			
15067-26-2	Acenaphthene-d10	274000	9.922			
1517-22-2	Phenanthrene-d10	502000	11.41			
1719-03-5	Chrysene-d12	343000	14.057			
1520-96-3	Perylene-d12	291000	15.539			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143890.D
Acq On : 08 Oct 2025 12:20
Operator : RC/JU
Sample : PB169953BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169953BL

Quant Time: Oct 08 12:40:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	127094	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	497763	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	273707	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	502324	20.000	ng	0.00
76) Chrysene-d12	14.057	240	342677	20.000	ng	-0.01
86) Perylene-d12	15.539	264	291422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1031464	128.877	ng	0.00
7) Phenol-d6	6.504	99	1259794	132.057	ng	-0.01
23) Nitrobenzene-d5	7.440	82	777635	94.915	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	391672	143.671	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1502043	87.077	ng	-0.01
79) Terphenyl-d14	13.004	244	1806141	90.080	ng	0.00

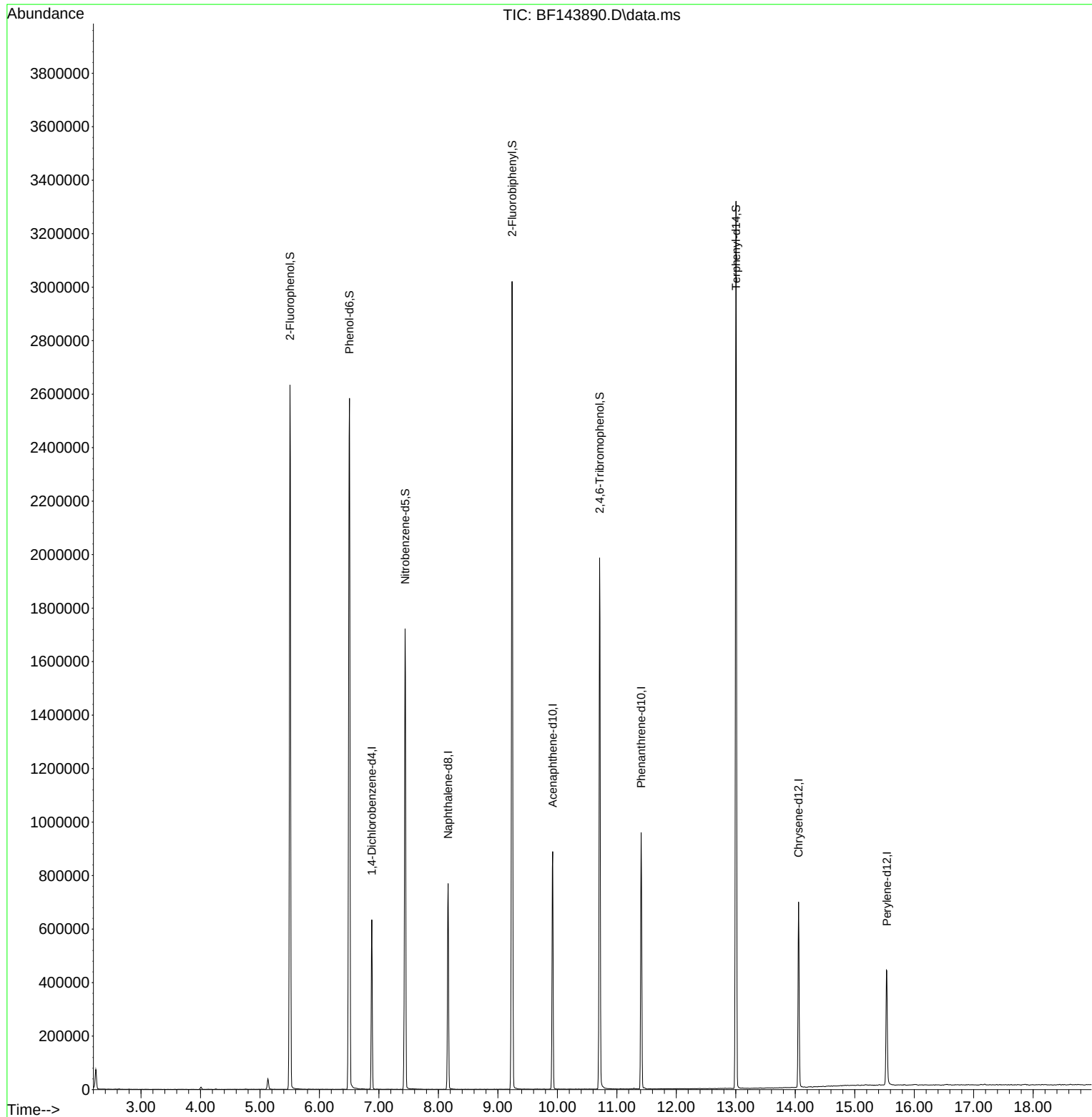
Target Compounds	Qvalue
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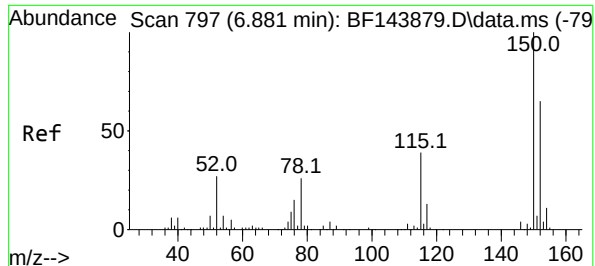
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143890.D
Acq On : 08 Oct 2025 12:20
Operator : RC/JU
Sample : PB169953BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169953BL

Quant Time: Oct 08 12:40:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

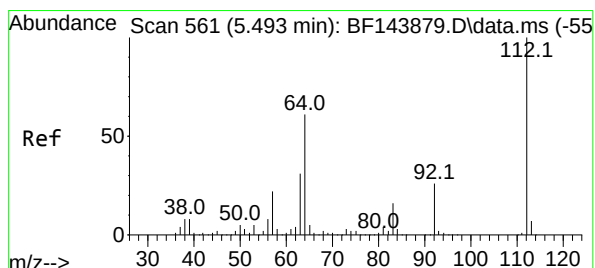
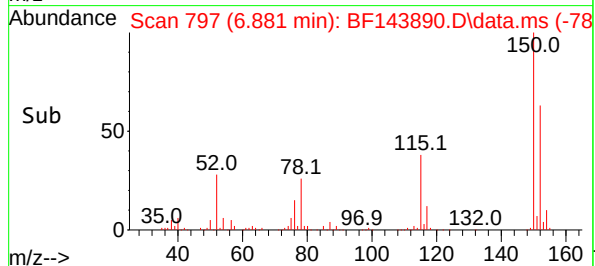
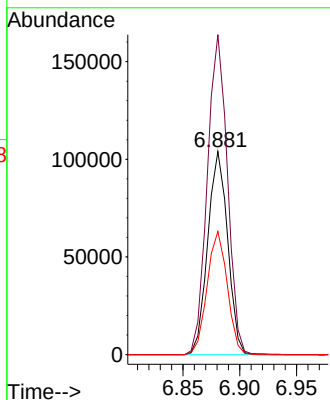
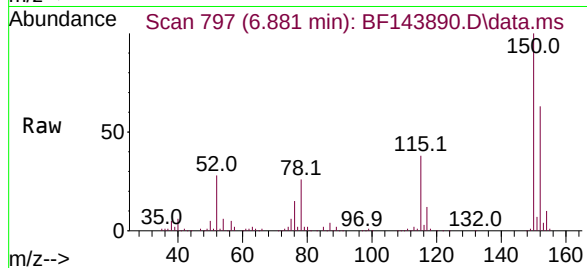




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

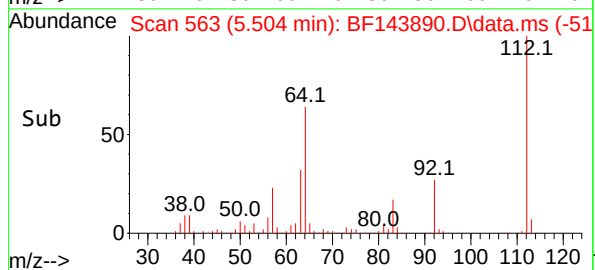
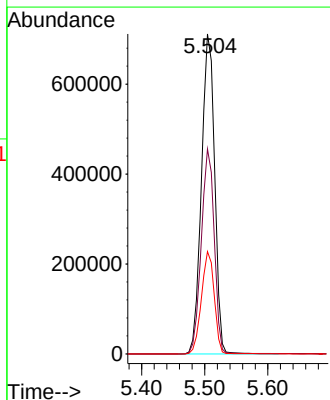
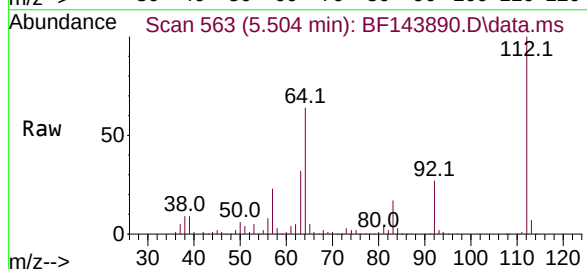
Instrument :
BNA_F
ClientSampleId :
PB169953BL

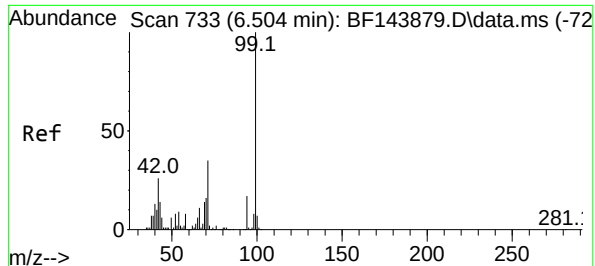
Tgt Ion:152 Resp: 127094
Ion Ratio Lower Upper
152 100
150 157.6 124.4 186.6
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 128.877 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

Tgt Ion:112 Resp: 1031464
Ion Ratio Lower Upper
112 100
64 64.0 49.1 73.7
63 32.0 24.5 36.7

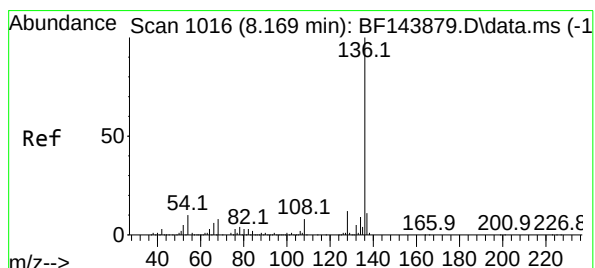
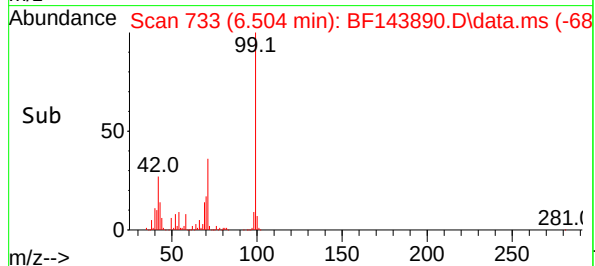
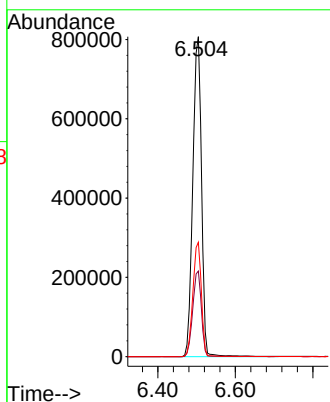
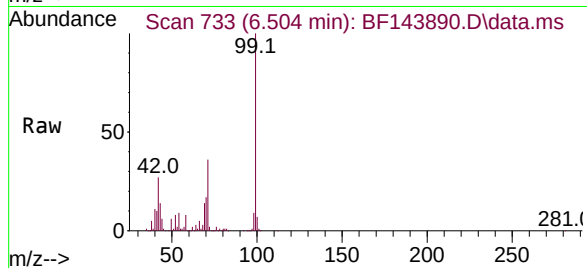




#7
Phenol-d6
Concen: 132.057 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

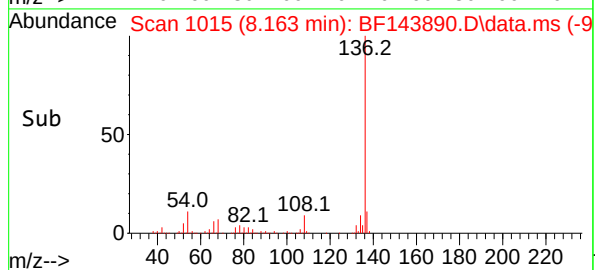
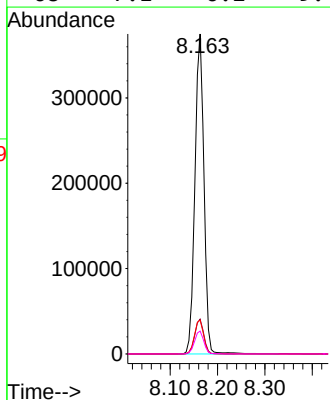
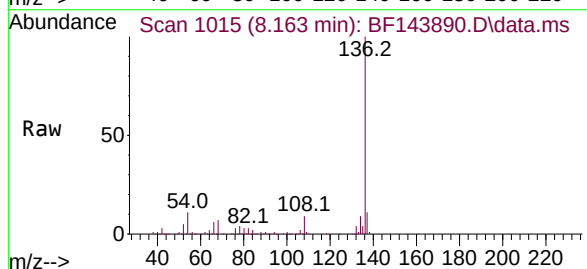
Instrument :
BNA_F
ClientSampleId :
PB169953BL

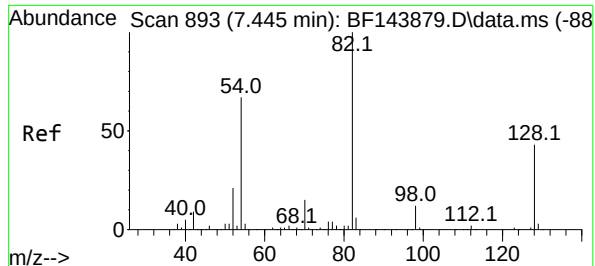
Tgt Ion: 99 Resp: 1259794
Ion Ratio Lower Upper
99 100
42 26.7 21.0 31.4
71 35.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

Tgt Ion: 136 Resp: 497763
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.6 8.2 12.4
68 7.1 6.2 9.4





#23

Nitrobenzene-d5

Concen: 94.915 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF143890.D

Acq: 08 Oct 2025 12:20

Instrument :

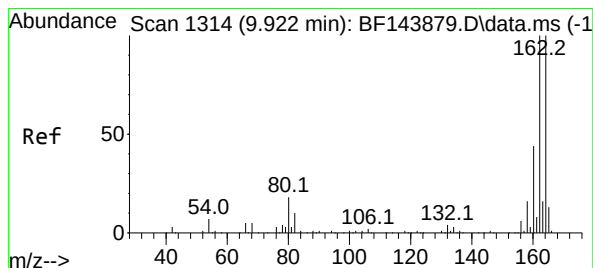
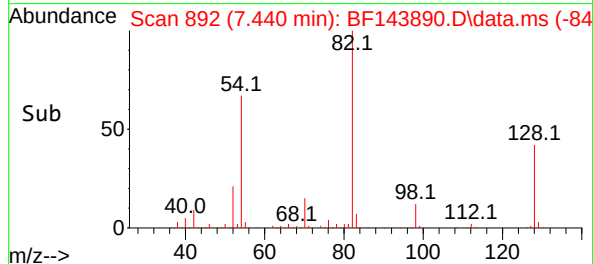
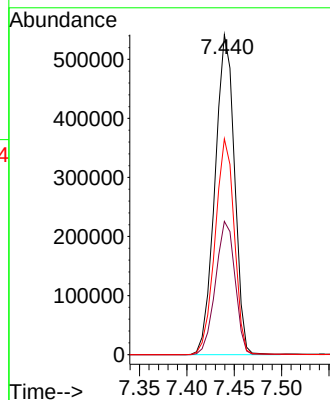
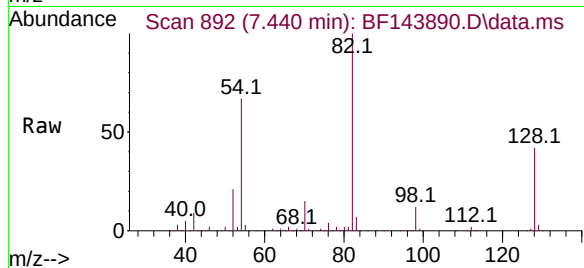
BNA_F

ClientSampleId :

PB169953BL

Tgt Ion: 82 Resp: 777635

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	67.4	53.2	79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

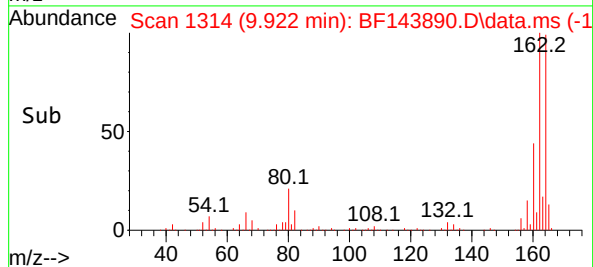
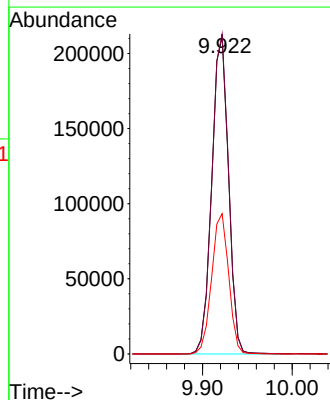
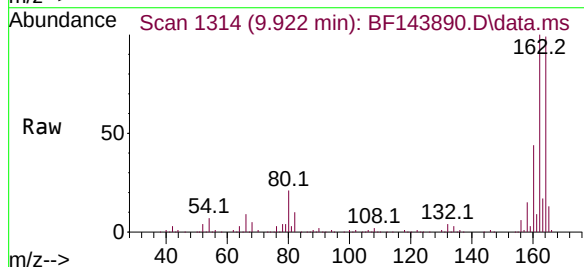
Delta R.T. -0.005 min

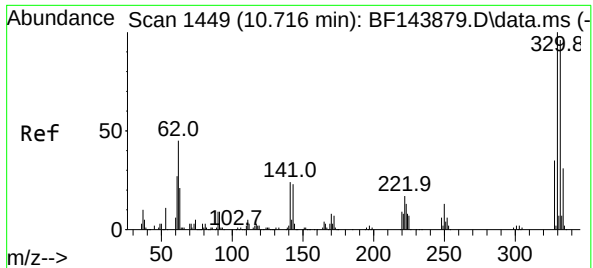
Lab File: BF143890.D

Acq: 08 Oct 2025 12:20

Tgt Ion: 164 Resp: 273707

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	44.3	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 143.671 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF143890.D

Acq: 08 Oct 2025 12:20

Instrument :

BNA_F

ClientSampleId :

PB169953BL

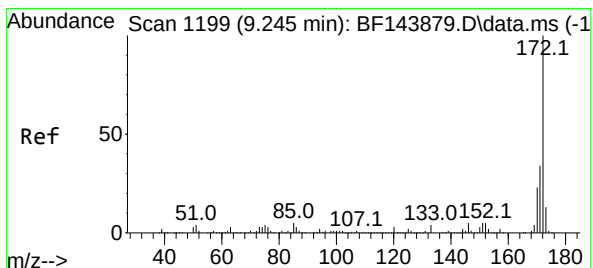
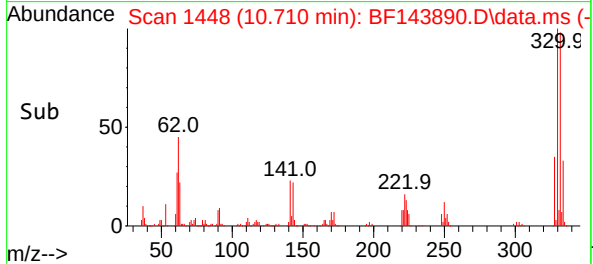
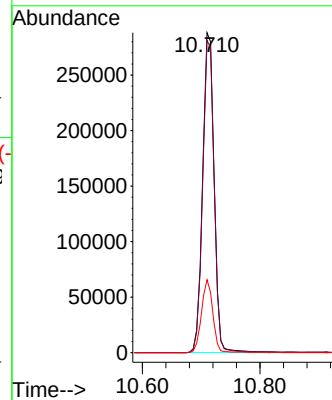
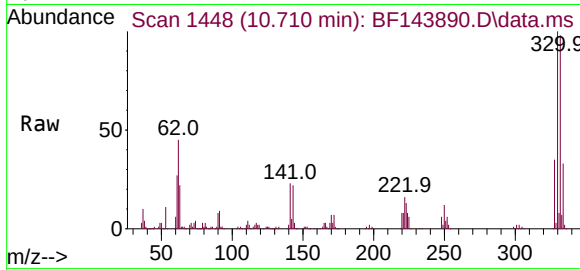
Tgt Ion:330 Resp: 391672

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 22.4 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 87.077 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143890.D

Acq: 08 Oct 2025 12:20

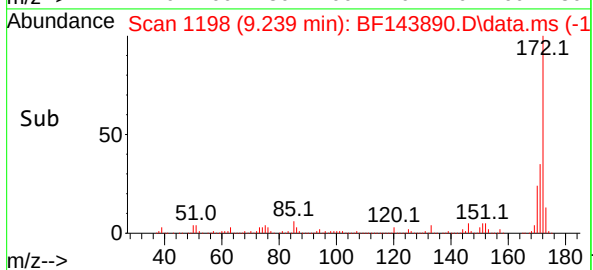
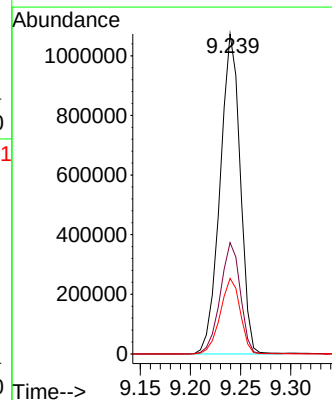
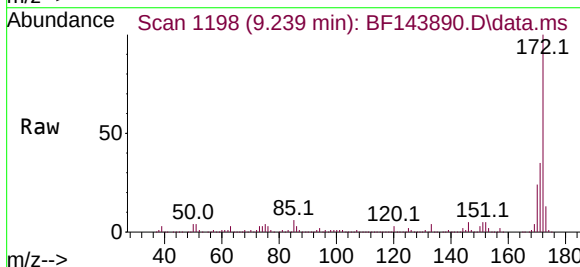
Tgt Ion:172 Resp: 1502043

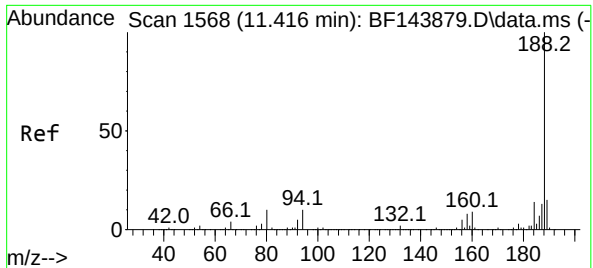
Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.6 18.6 28.0

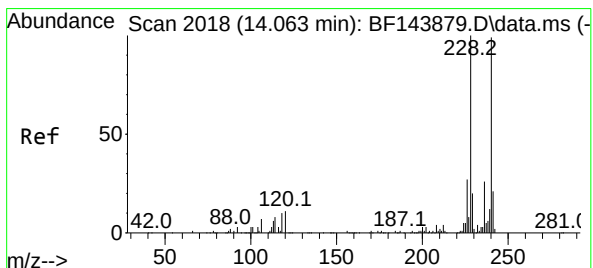
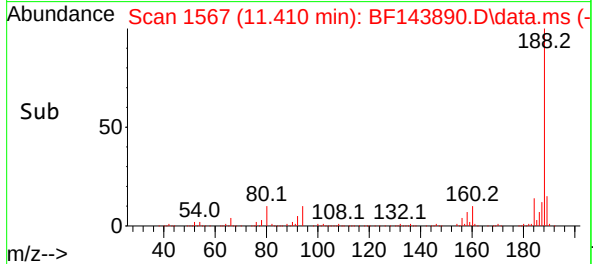
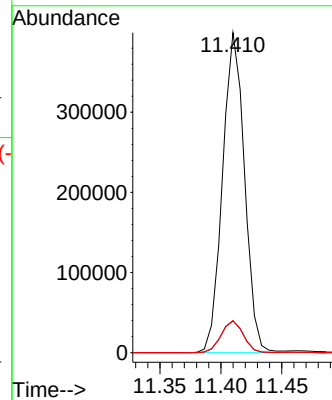
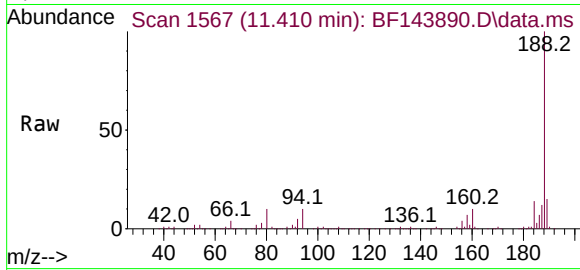




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

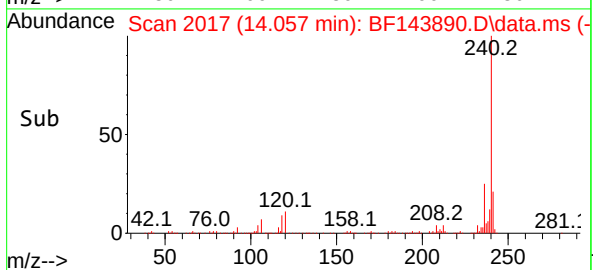
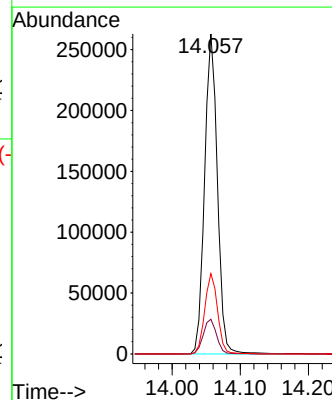
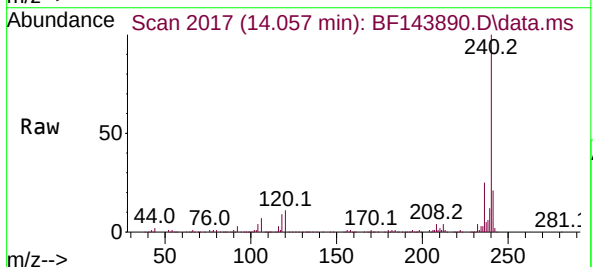
Instrument :
BNA_F
ClientSampleId :
PB169953BL

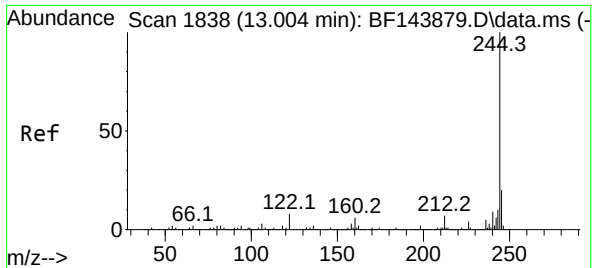
Tgt Ion:188 Resp: 502324
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

Tgt Ion:240 Resp: 342677
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.1 21.1 31.7

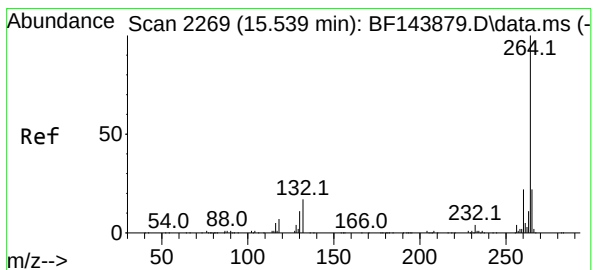
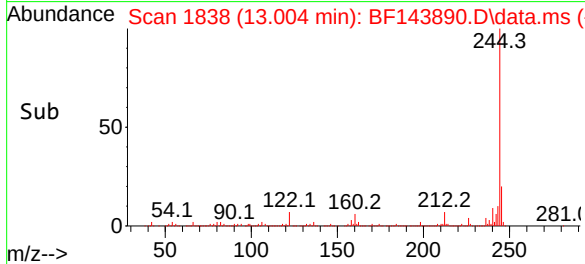
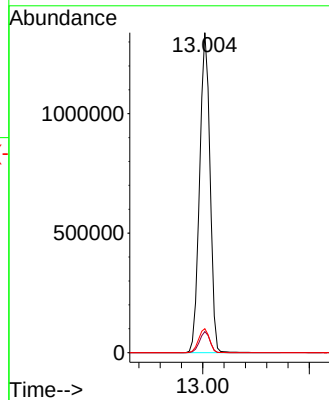
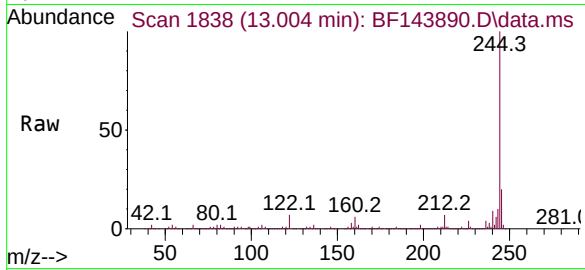




#79
Terphenyl-d14
Concen: 90.080 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

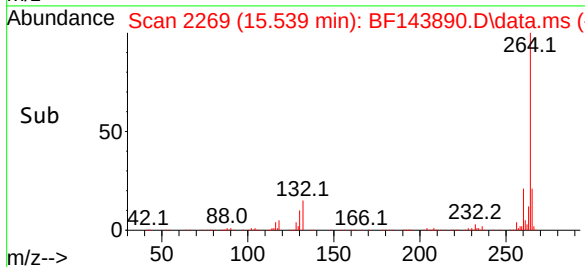
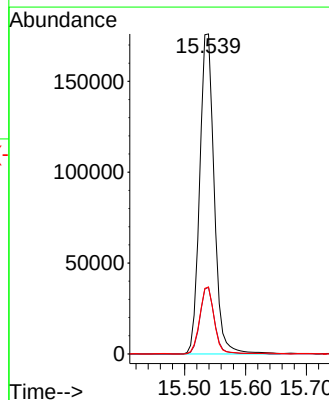
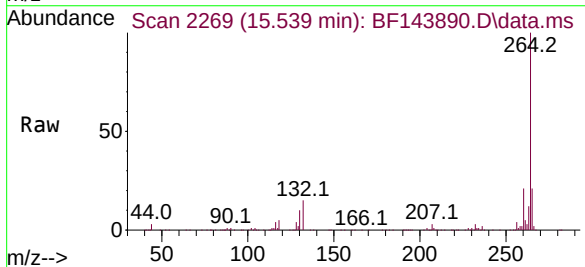
Instrument :
BNA_F
ClientSampleId :
PB169953BL

Tgt Ion:244 Resp: 1806141
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 7.5 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143890.D
Acq: 08 Oct 2025 12:20

Tgt Ion:264 Resp: 291422
Ion Ratio Lower Upper
264 100
260 20.8 17.8 26.8
265 20.9 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143890.D
 Acq On : 08 Oct 2025 12:20
 Operator : RC/JU
 Sample : PB169953BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169953BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143890.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	3	8	15	rVB	72033	119620	2.68%	0.437%
2	5.134	491	500	514	rBV	39313	68465	1.53%	0.250%
3	5.504	556	563	569	rBV	2633943	3738044	83.59%	13.642%
4	6.504	726	733	738	rBV	2583918	3950296	88.34%	14.416%
5	6.881	792	797	802	rBV	633259	776635	17.37%	2.834%
6	7.440	885	892	898	rBV	1721662	2453350	54.86%	8.953%
7	8.163	1009	1015	1020	rBV	768993	1008045	22.54%	3.679%
8	9.239	1191	1198	1203	rBV	3020258	4175379	93.37%	15.238%
9	9.922	1307	1314	1319	rBV	887882	1153184	25.79%	4.208%
10	10.710	1442	1448	1471	rBV	1986601	2675373	59.83%	9.764%
11	11.410	1562	1567	1574	rBV	957685	1204334	26.93%	4.395%
12	13.004	1832	1838	1843	rBV	3316771	4471676	100.00%	16.319%
13	14.057	2011	2017	2026	rBV	692372	899024	20.10%	3.281%
14	15.533	2262	2268	2284	rVB	429184	707966	15.83%	2.584%

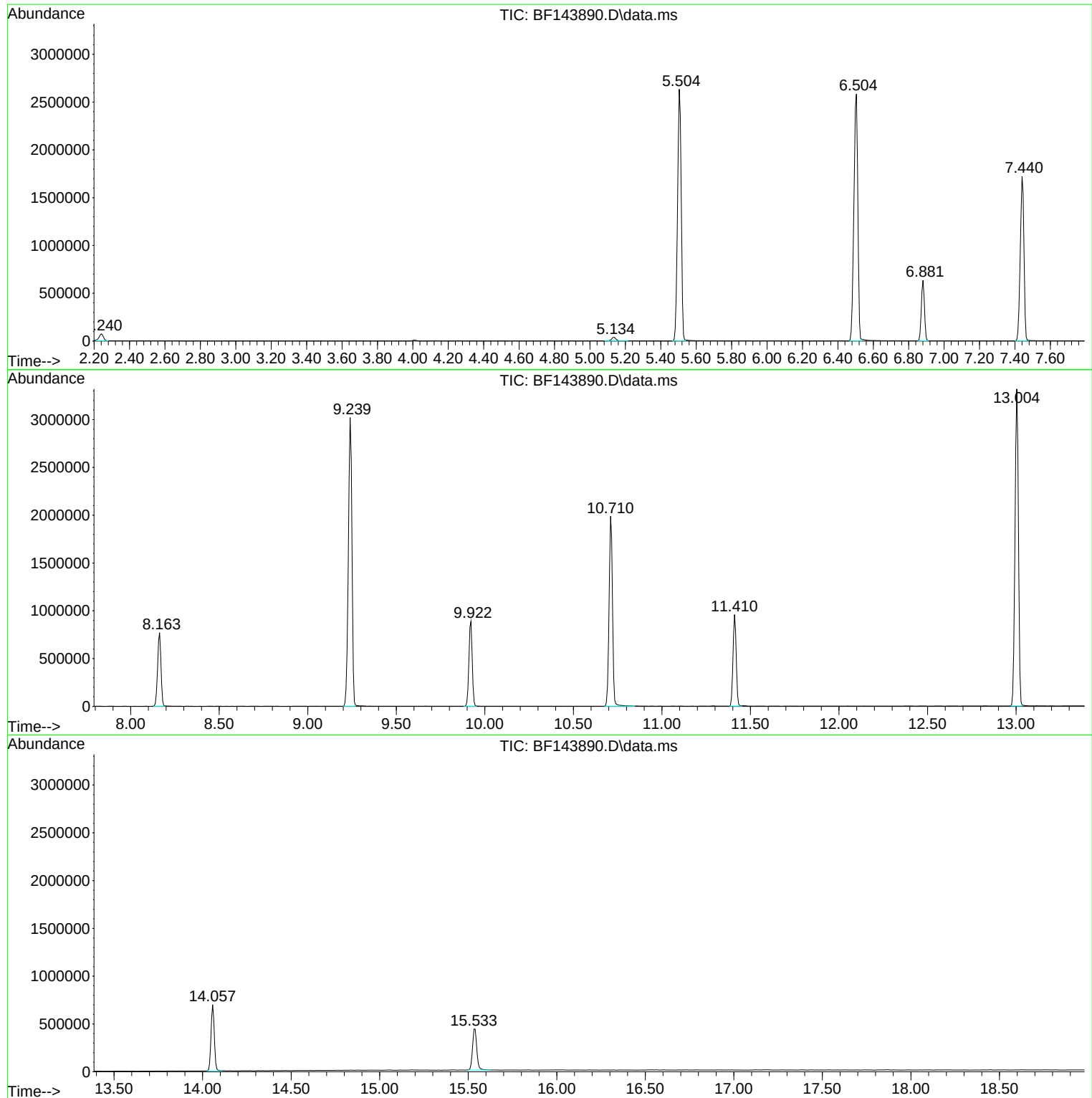
Sum of corrected areas: 27401391

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143890.D
Acq On : 08 Oct 2025 12:20
Operator : RC/JU
Sample : PB169953BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169953BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143890.D
Acq On : 08 Oct 2025 12:20
Operator : RC/JU
Sample : PB169953BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169953BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143890.D
Acq On : 08 Oct 2025 12:20
Operator : RC/JU
Sample : PB169953BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169953BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BL	SDG No.:	Q3266
Lab Sample ID:	PB169989BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025925.D	1	10/06/25 09:15	10/06/25 16:15	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BL	SDG No.:	Q3266
Lab Sample ID:	PB169989BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025925.D	1	10/06/25 09:15	10/06/25 16:15	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.7	U	86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BL	SDG No.:	Q3266
Lab Sample ID:	PB169989BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025925.D	1	10/06/25 09:15	10/06/25 16:15	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	134		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	126		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.3		18 - 107	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		20 - 109	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		10 - 116	90%	SPK: 150
1718-51-0	Terphenyl-d14	81.6		10 - 105	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	167000	7.737			
1146-65-2	Naphthalene-d8	622000	10.501			
15067-26-2	Acenaphthene-d10	410000	14.36			
1517-22-2	Phenanthrene-d10	834000	17.166			
1719-03-5	Chrysene-d12	919000	21.601			
1520-96-3	Perylene-d12	970000	24.954			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025925.D
Acq On : 06 Oct 2025 16:15
Operator : CG/JU
Sample : PB169989BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169989BL

Quant Time: Oct 06 16:38:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	166902	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	621599	20.000	ng	-0.02
39) Acenaphthene-d10	14.360	164	409905	20.000	ng	-0.02
64) Phenanthrene-d10	17.166	188	834381	20.000	ng	-0.02
76) Chrysene-d12	21.601	240	918841	20.000	ng	-0.04
86) Perylene-d12	24.954	264	970381	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	1391143	134.491	ng	-0.01
7) Phenol-d6	6.943	99	1732470	126.009	ng	0.00
23) Nitrobenzene-d5	8.884	82	1102998	78.273	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	689611	134.881	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	2484362	80.700	ng	-0.02
79) Terphenyl-d14	19.877	244	4166754	81.580	ng	-0.04

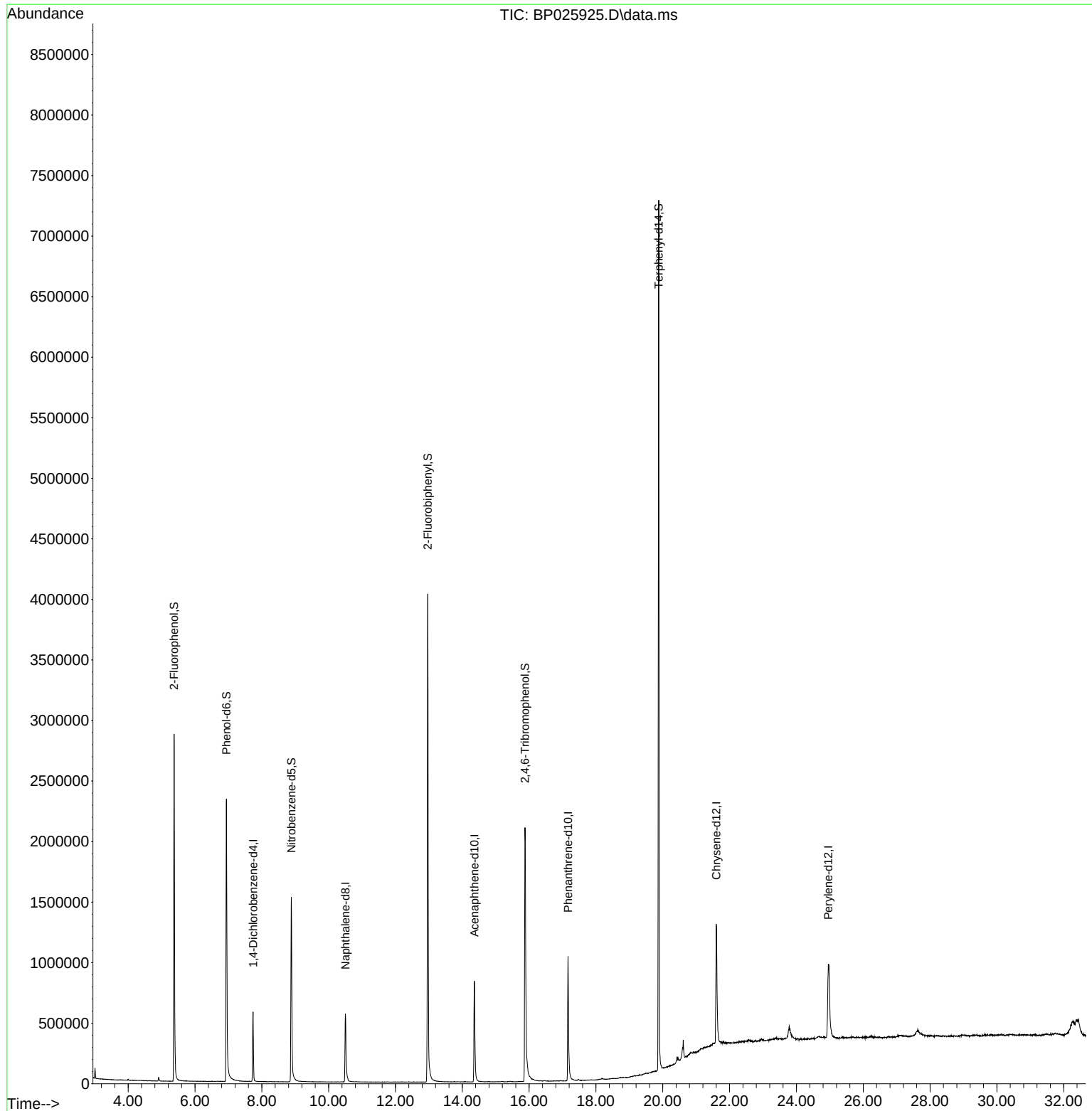
Target Compounds	Qvalue
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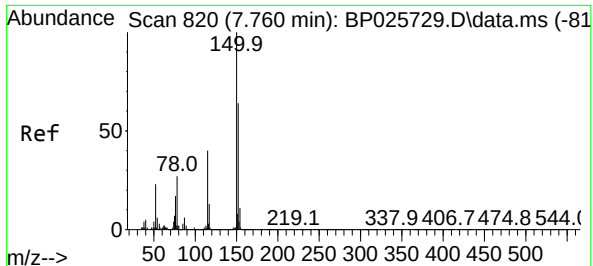
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025925.D
Acq On : 06 Oct 2025 16:15
Operator : CG/JU
Sample : PB169989BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169989BL

Quant Time: Oct 06 16:38:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

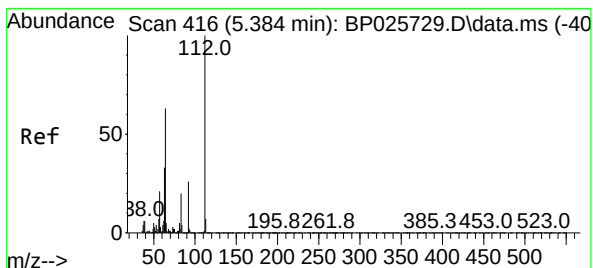
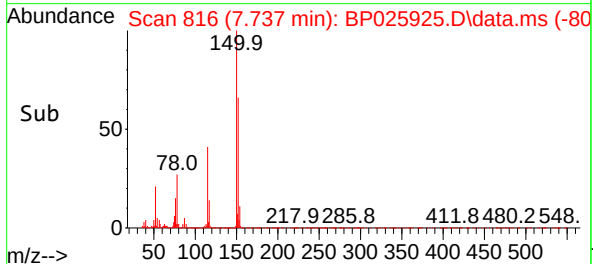
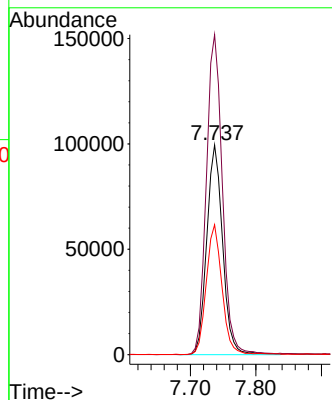
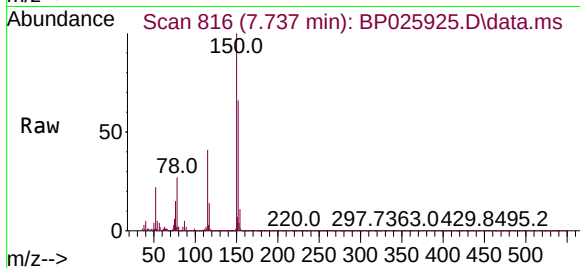




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

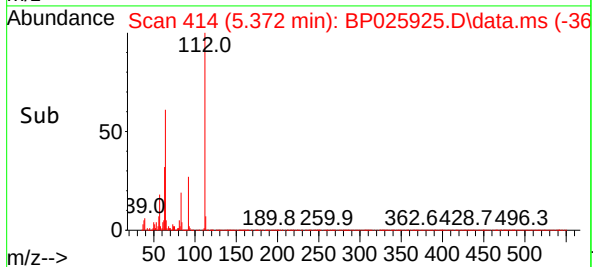
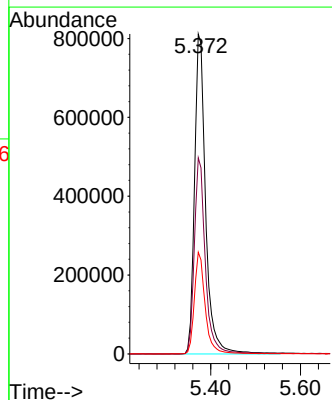
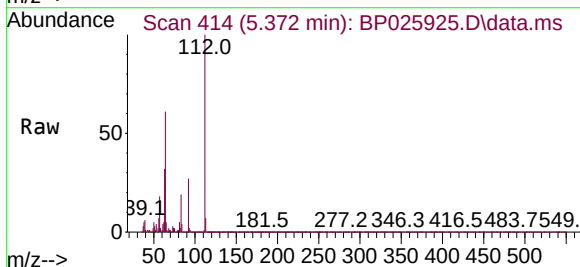
Instrument :
BNA_P
ClientSampleId :
PB169989BL

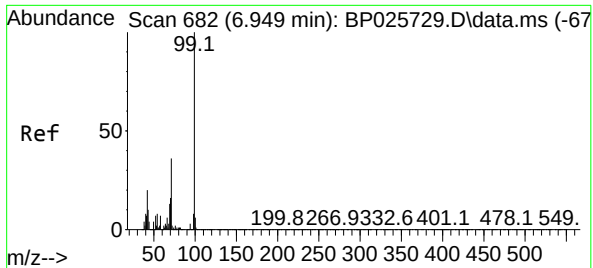
Tgt Ion:152 Resp: 166902
Ion Ratio Lower Upper
152 100
150 152.6 124.3 186.5
115 61.9 50.3 75.5



#5
2-Fluorophenol
Concen: 134.491 ng
RT: 5.372 min Scan# 414
Delta R.T. -0.012 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion:112 Resp: 1391143
Ion Ratio Lower Upper
112 100
64 61.3 50.2 75.4
63 31.8 26.7 40.1

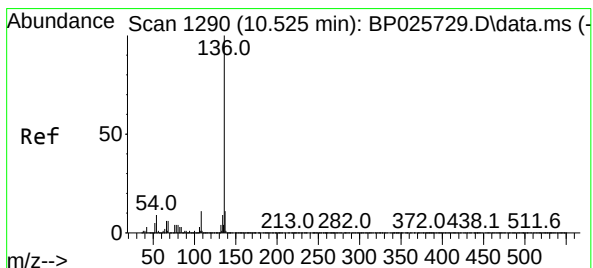
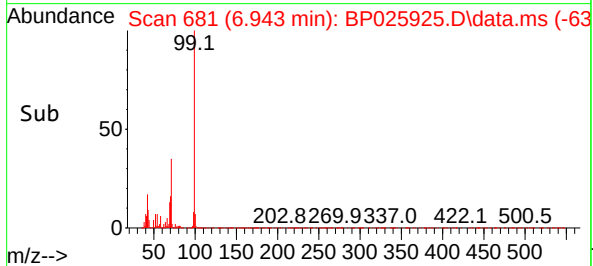
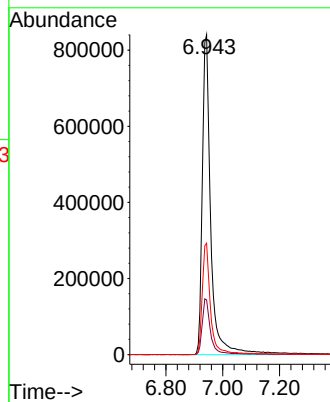
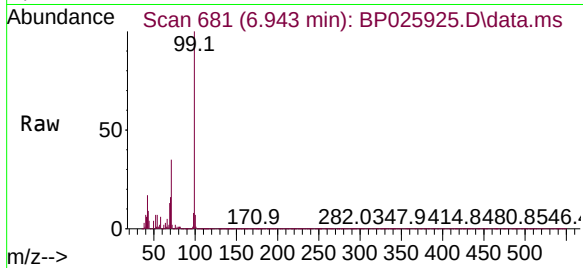




#7
Phenol-d6
Concen: 126.009 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

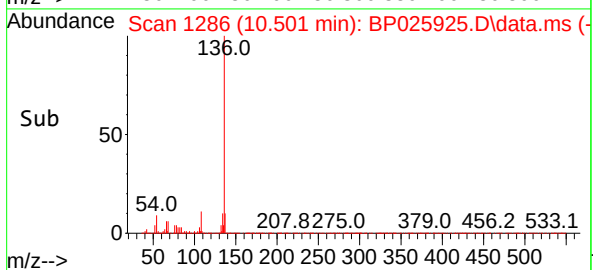
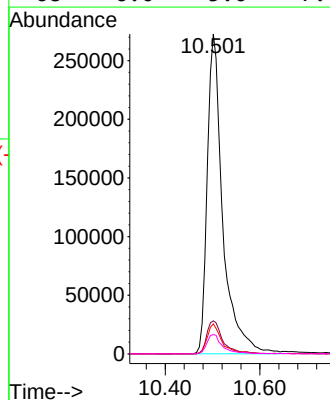
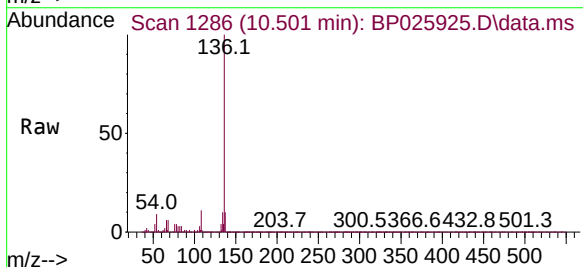
Instrument :
BNA_P
ClientSampleId :
PB169989BL

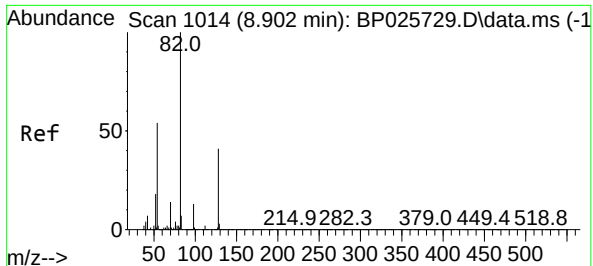
Tgt Ion: 99 Resp: 1732470
Ion Ratio Lower Upper
99 100
42 17.1 15.6 23.4
71 34.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 1286
Delta R.T. -0.024 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion:136 Resp: 621599
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 9.4 7.5 11.3
68 6.0 5.0 7.6

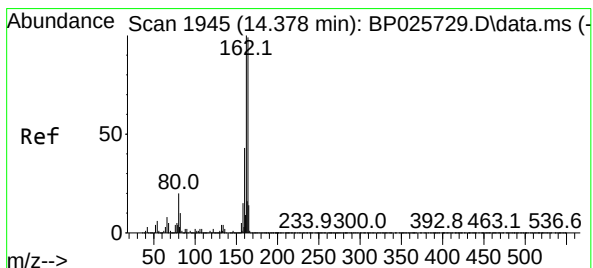
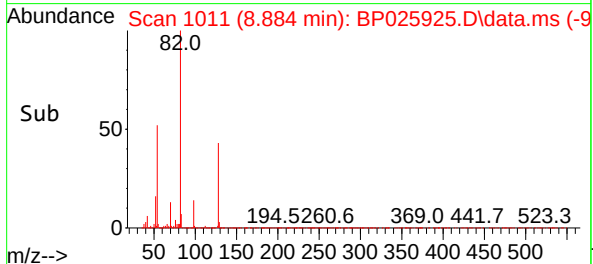
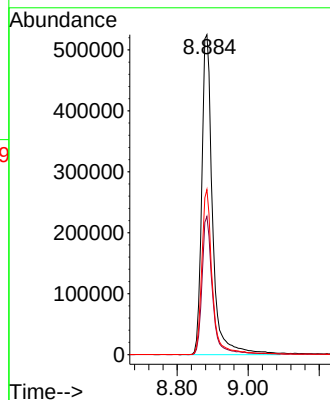
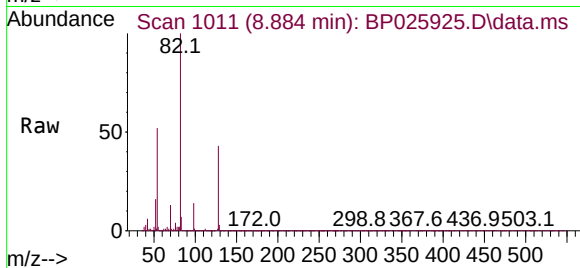




#23
Nitrobenzene-d5
Concen: 78.273 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

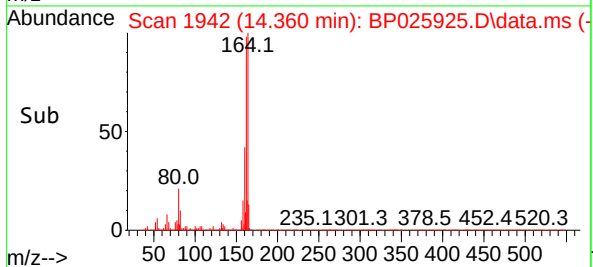
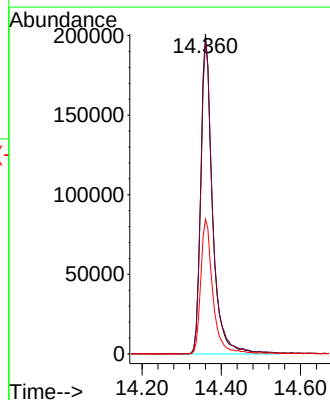
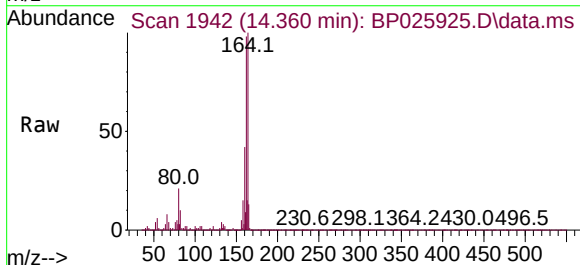
Instrument :
BNA_P
ClientSampleId :
PB169989BL

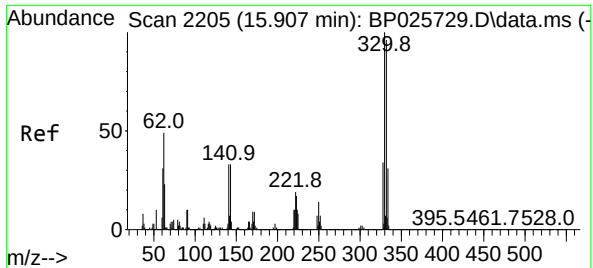
Tgt Ion: 82 Resp: 1102998
Ion Ratio Lower Upper
82 100
128 43.2 32.9 49.3
54 51.6 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.360 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion: 164 Resp: 409905
Ion Ratio Lower Upper
164 100
162 97.5 80.6 120.8
160 42.1 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 134.881 ng

RT: 15.878 min Scan# 21

Delta R.T. -0.030 min

Lab File: BP025925.D

Acq: 06 Oct 2025 16:15

Instrument :

BNA_P

ClientSampleId :

PB169989BL

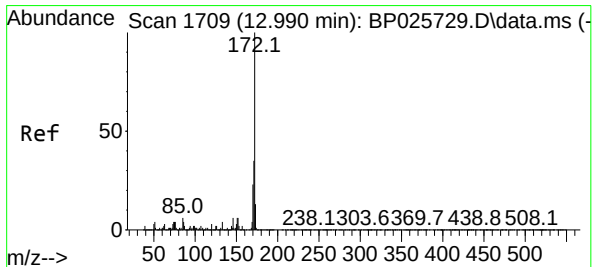
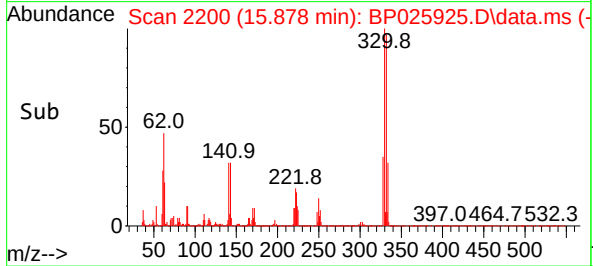
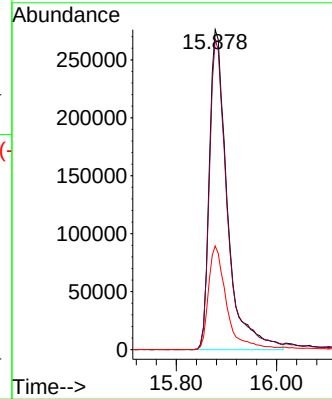
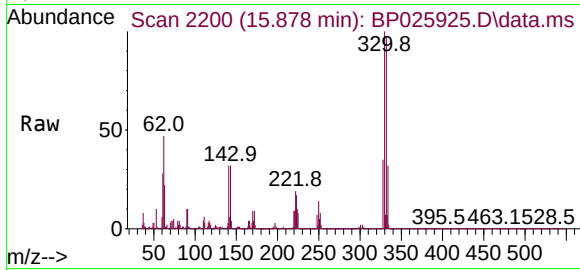
Tgt Ion:330 Resp: 689611

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

141 32.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 80.700 ng

RT: 12.966 min Scan# 1705

Delta R.T. -0.024 min

Lab File: BP025925.D

Acq: 06 Oct 2025 16:15

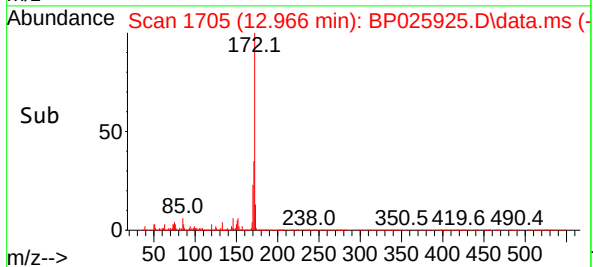
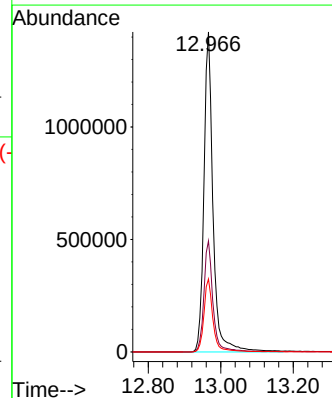
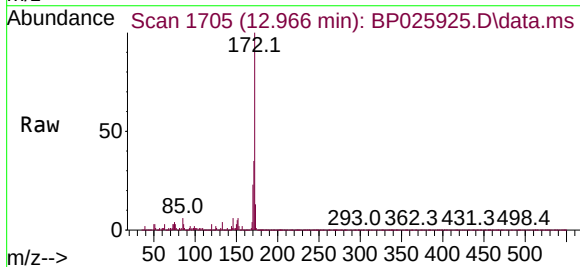
Tgt Ion:172 Resp: 2484362

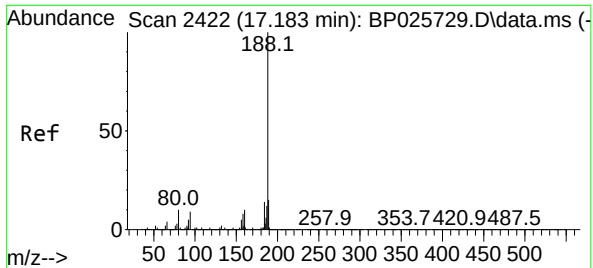
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 22.8 18.6 27.8

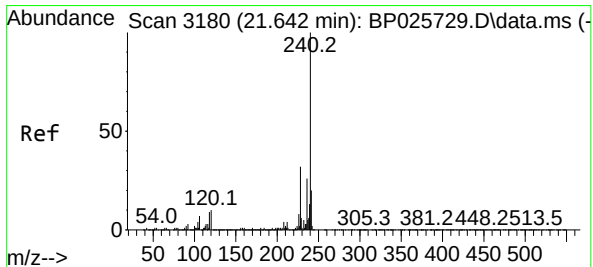
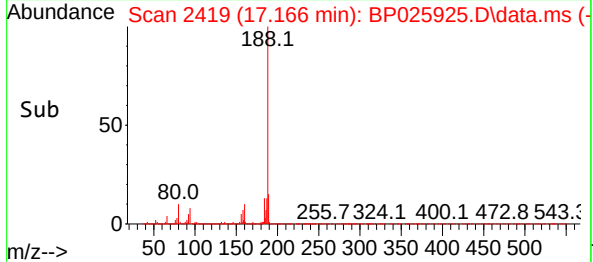
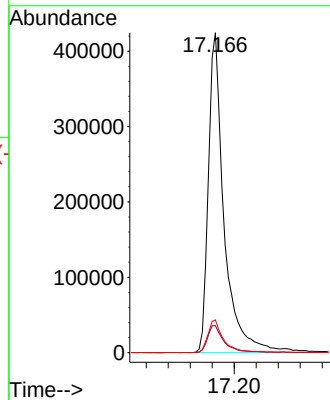
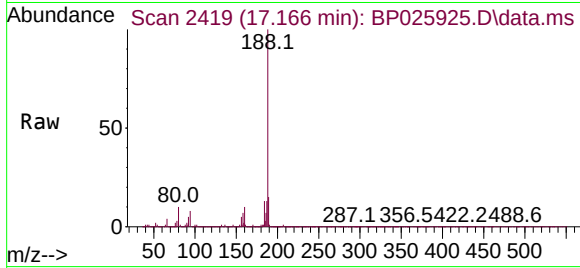




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.166 min Scan# 2422
Delta R.T. -0.018 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

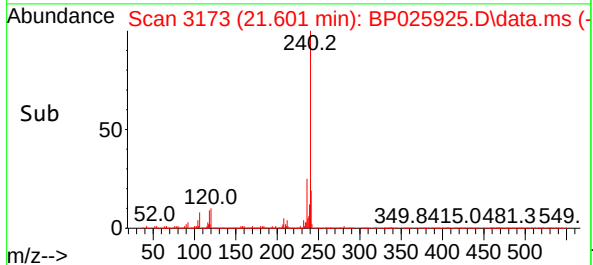
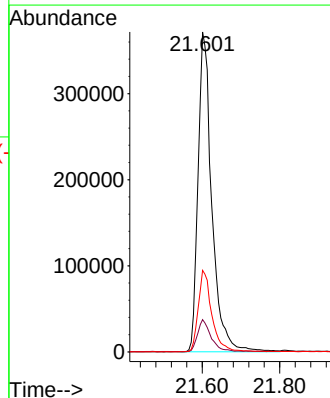
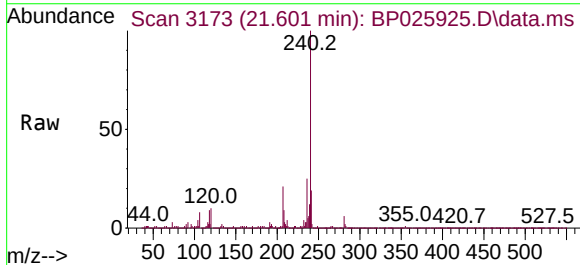
Instrument :
BNA_P
ClientSampleId :
PB169989BL

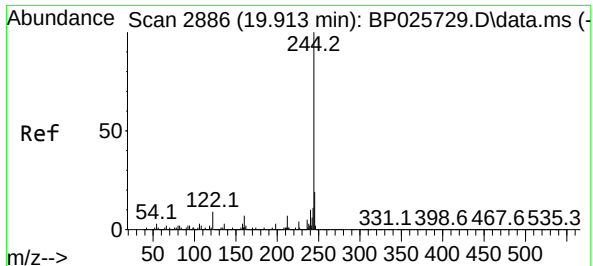
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.4	11.0
80	10.2	7.7	11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.601 min Scan# 3173
Delta R.T. -0.041 min
Lab File: BP025925.D
Acq: 06 Oct 2025 16:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.0	12.0
236	25.5	20.7	31.1

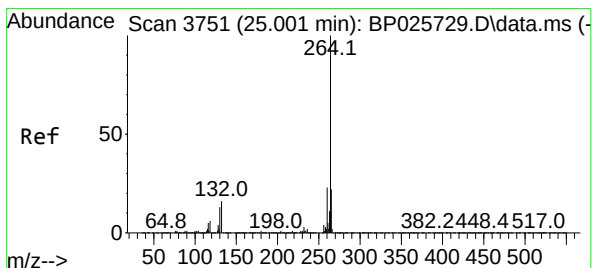
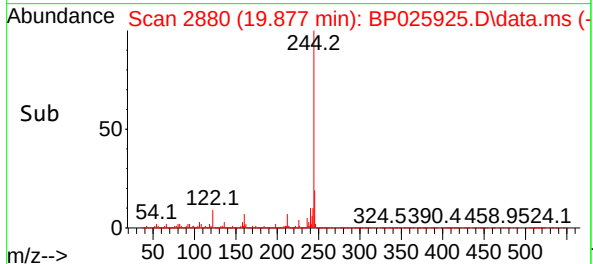
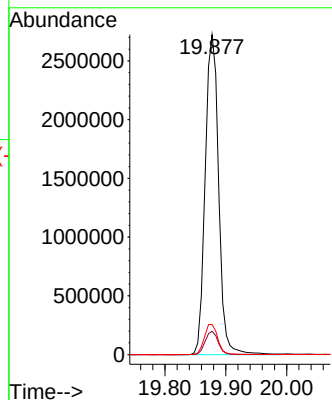
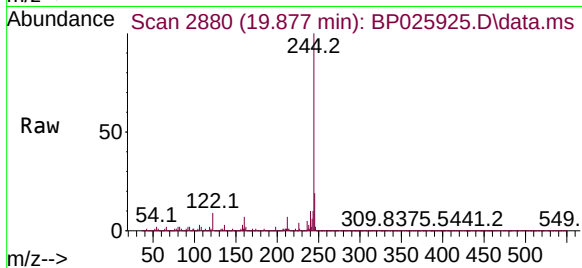




#79
 Terphenyl-d14
 Concen: 81.580 ng
 RT: 19.877 min Scan# 2886
 Delta R.T. -0.035 min
 Lab File: BP025925.D
 Acq: 06 Oct 2025 16:15

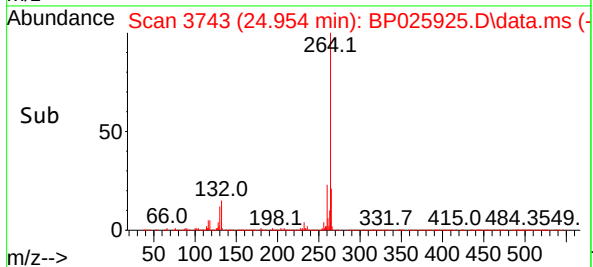
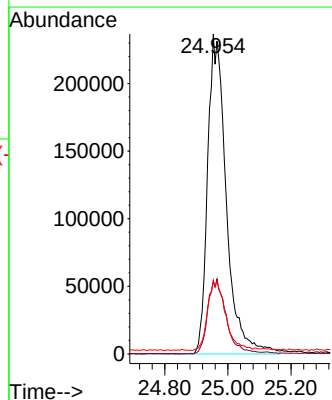
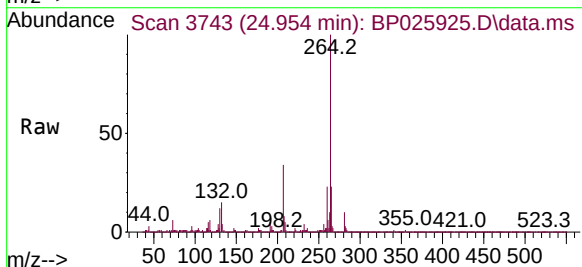
Instrument :
 BNA_P
 ClientSampleId :
 PB169989BL

Tgt Ion:244 Resp: 4166754
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.954 min Scan# 3743
 Delta R.T. -0.047 min
 Lab File: BP025925.D
 Acq: 06 Oct 2025 16:15

Tgt Ion:264 Resp: 970381
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 22.6 17.3 25.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025925.D
Acq On : 06 Oct 2025 16:15
Operator : CG/JU
Sample : PB169989BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169989BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025925.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.372	408	414	439	rBV	2868344	4877036	44.31%	10.670%
2	6.943	674	681	714	rBV	2332491	4813098	43.73%	10.530%
3	7.737	809	816	833	rVB	574787	965690	8.77%	2.113%
4	8.884	1003	1011	1037	rBV	1523520	3157557	28.69%	6.908%
5	10.501	1277	1286	1304	rBV	565154	1291863	11.74%	2.826%
6	12.966	1692	1705	1727	rBV	4032754	7046242	64.02%	15.416%
7	14.360	1933	1942	1964	rBV	832971	1730489	15.72%	3.786%
8	15.878	2192	2200	2223	rBV	2097153	5326047	48.39%	11.652%
9	17.166	2412	2419	2439	rBV	1025869	2053193	18.65%	4.492%
10	19.877	2874	2880	2898	rBV	7183131	11006995	100.00%	24.081%
11	20.613	3003	3005	3013	rVB	143232	179509	1.63%	0.393%
12	21.601	3167	3173	3189	rBV2	980253	2341160	21.27%	5.122%
13	24.954	3736	3743	3744	rBV	554971	919070	8.35%	2.011%

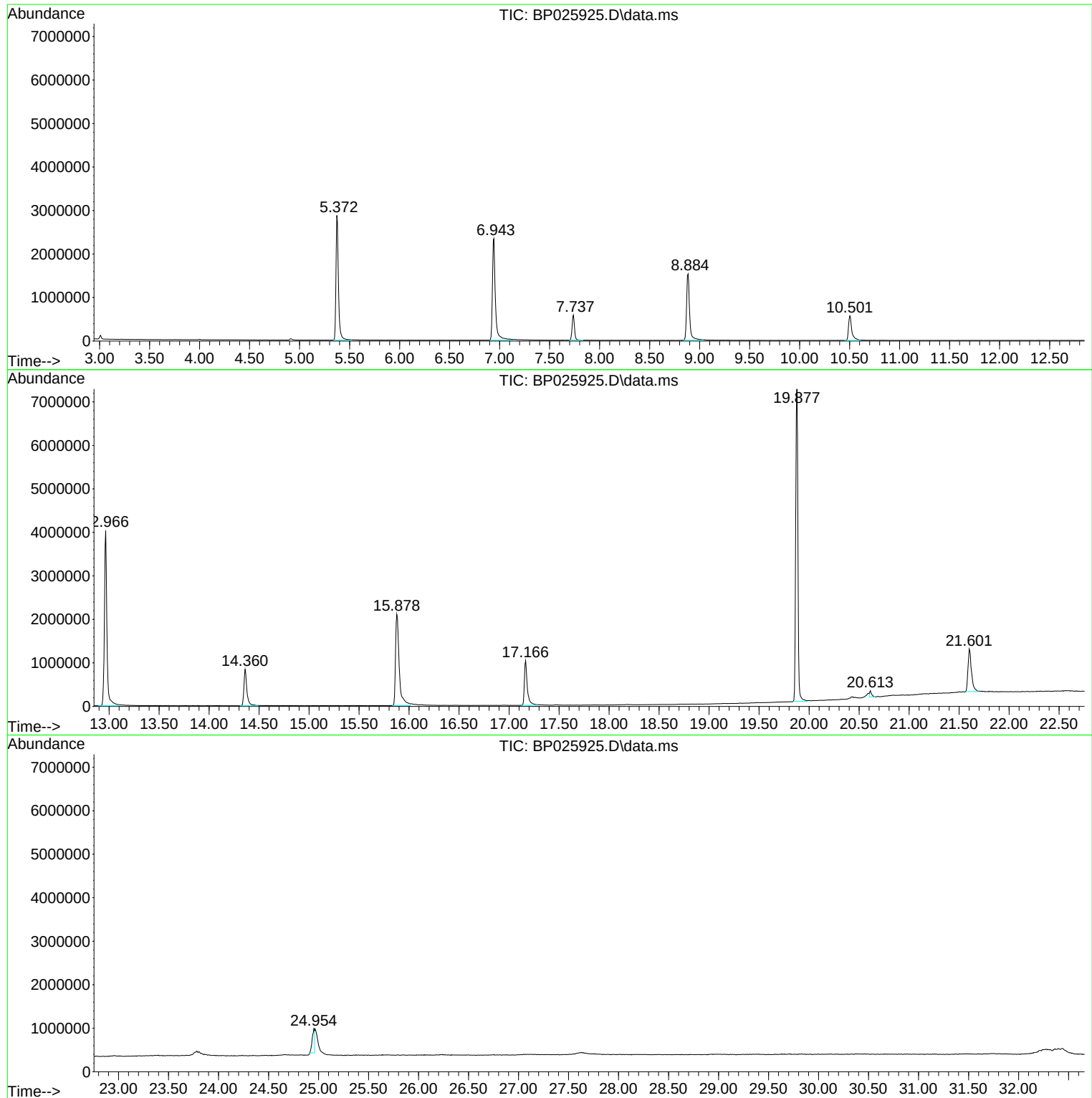
Sum of corrected areas: 45707949

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025925.D
Acq On : 06 Oct 2025 16:15
Operator : CG/JU
Sample : PB169989BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169989BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025925.D
Acq On : 06 Oct 2025 16:15
Operator : CG/JU
Sample : PB169989BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169989BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025925.D
Acq On : 06 Oct 2025 16:15
Operator : CG/JU
Sample : PB169989BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169989BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
------------------	----	---------	-------	----------	---	----	------	------

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BS	SDG No.:	Q3266
Lab Sample ID:	PB169953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143891.D	1	10/02/25 10:00	10/08/25 12:49	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	410		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1500		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		37.5	170	ug/Kg
98-86-2	Acetophenone	1400		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		28.3	170	ug/Kg
91-20-3	Naphthalene	1400		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	910		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		25.3	170	ug/Kg
105-60-2	Caprolactam	1600		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1500		27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BS	SDG No.:	Q3266
Lab Sample ID:	PB169953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143891.D	1	10/02/25 10:00	10/08/25 12:49	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1600		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1200		46.0	170	ug/Kg
83-32-9	Acenaphthene	1500		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1500		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		26.7	170	ug/Kg
86-73-7	Fluorene	1400		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		25.3	170	ug/Kg
1912-24-9	Atrazine	1500		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3100	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1400		20.9	170	ug/Kg
120-12-7	Anthracene	1400		33.3	170	ug/Kg
86-74-8	Carbazole	1400		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1500		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169953BS	SDG No.:	Q3266
Lab Sample ID:	PB169953BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143891.D	1	10/02/25 10:00	10/08/25 12:49	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1700		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1300		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	115		18 - 112	77%	SPK: 150
13127-88-3	Phenol-d6	117		15 - 107	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	87.8		18 - 107	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.6		20 - 109	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		10 - 116	87%	SPK: 150
1718-51-0	Terphenyl-d14	86.4		10 - 105	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138000	6.881			
1146-65-2	Naphthalene-d8	540000	8.163			
15067-26-2	Acenaphthene-d10	300000	9.927			
1517-22-2	Phenanthrene-d10	525000	11.416			
1719-03-5	Chrysene-d12	326000	14.062			
1520-96-3	Perylene-d12	295000	15.539			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143891.D
 Acq On : 08 Oct 2025 12:49
 Operator : RC/JU
 Sample : PB169953BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Oct 08 13:11:31 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	137733	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	539635	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	299662	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	525088	20.000	ng	0.00
76) Chrysene-d12	14.062	240	325733	20.000	ng	0.00
86) Perylene-d12	15.539	264	295411	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	998731	115.148	ng	0.01
7) Phenol-d6	6.510	99	1208369	116.882	ng	0.00
23) Nitrobenzene-d5	7.445	82	779487	87.759	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	387547	129.845	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1466366	77.646	ng	0.00
79) Terphenyl-d14	13.004	244	1646507	86.390	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	154857	38.583	ng	99
3) Pyridine	3.504	79	432180	36.988	ng	99
4) n-Nitrosodimethylamine	3.457	42	283247	46.082	ng	99
6) Aniline	6.545	93	500263	32.292	ng	99
8) 2-Chlorophenol	6.663	128	380055	44.827	ng	99
9) Benzaldehyde	6.434	77	98494	12.350	ng	99
10) Phenol	6.522	94	542306	43.877	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	409878	42.930	ng	97
12) 1,3-Dichlorobenzene	6.822	146	432666	42.633	ng	99
13) 1,4-Dichlorobenzene	6.898	146	445044	44.456	ng	100
14) 1,2-Dichlorobenzene	7.051	146	427984	44.634	ng	100
15) Benzyl Alcohol	7.022	79	362233	46.763	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	971258	44.691	ng	100
17) 2-Methylphenol	7.128	107	322010	45.957	ng	98
18) Hexachloroethane	7.398	117	147920	44.306	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	305646	43.191	ng	100
20) 3+4-Methylphenols	7.281	107	365186	44.969	ng	93
22) Acetophenone	7.292	105	493964	43.291	ng	98
24) Nitrobenzene	7.463	77	444777	45.092	ng	99
25) Isophorone	7.704	82	822412	43.912	ng	99
26) 2-Nitrophenol	7.780	139	203618	48.149	ng	99
27) 2,4-Dimethylphenol	7.816	122	379667	49.909	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	512973	43.360	ng	99
29) 2,4-Dichlorophenol	8.022	162	346843	43.771	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	351760	45.138	ng	99
31) Naphthalene	8.186	128	1054386	42.953	ng	100
32) Benzoic acid	7.933	122	261466	49.663	ng	99
33) 4-Chloroaniline	8.233	127	251428	27.310	ng	99
34) Hexachlorobutadiene	8.304	225	234554	43.313	ng	99
35) Caprolactam	8.598	113	119988m	47.624	ng	
36) 4-Chloro-3-methylphenol	8.716	107	337028	44.279	ng	98
37) 2-Methylnaphthalene	8.880	142	652883	39.928	ng	97
38) 1-Methylnaphthalene	8.980	142	664105	41.871	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	346847	41.878	ng	98
41) Hexachlorocyclopentadiene	9.033	237	354942	103.302	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	265428	43.861	ng	95

10/09/2025

Supervised By :Jagrut
 padhyay

10/09/2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143891.D
 Acq On : 08 Oct 2025 12:49
 Operator : RC/JU
 Sample : PB169953BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Manual Integrations

APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Oct 08 13:11:31 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	287996	45.034	ng	99
46) 1,1'-Biphenyl	9.345	154	863125	43.504	ng	99
47) 2-Chloronaphthalene	9.369	162	700979	42.376	ng	98
48) 2-Nitroaniline	9.463	65	249100	47.630	ng	98
49) Acenaphthylene	9.786	152	1112130	47.822	ng	100
50) Dimethylphthalate	9.645	163	840688	44.178	ng	100
51) 2,6-Dinitrotoluene	9.704	165	181426	51.414	ng	95
52) Acenaphthene	9.957	154	706559	46.367	ng	99
53) 3-Nitroaniline	9.874	138	152238	35.234	ng	99
54) 2,4-Dinitrophenol	9.986	184	190058	86.683	ng	93
55) Dibenzofuran	10.133	168	928228	43.151	ng	100
56) 4-Nitrophenol	10.033	139	302094	92.341	ng	93
57) 2,4-Dinitrotoluene	10.110	165	247482	51.545	ng	98
58) Fluorene	10.474	166	695018	42.819	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	214889	47.469	ng	# 100
60) Diethylphthalate	10.351	149	778998	44.064	ng	99
61) 4-Chlorophenyl-phenylether	10.469	204	361557	42.132	ng	99
62) 4-Nitroaniline	10.492	138	195874	47.143	ng	100
63) Azobenzene	10.627	77	830143	44.929	ng	99
65) 4,6-Dinitro-2-methylph...	10.521	198	129335	49.015	ng	98
66) n-Nitrosodiphenylamine	10.586	169	729765	44.262	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	251258	43.298	ng	100
68) Hexachlorobenzene	11.021	284	293252	43.650	ng	100
69) Atrazine	11.116	200	219539	43.932	ng	99
70) Pentachlorophenol	11.216	266	355404	92.110	ng	98
71) Phenanthrene	11.439	178	1087067	42.703	ng	99
72) Anthracene	11.492	178	1102433	42.868	ng	99
73) Carbazole	11.645	167	991218	43.519	ng	99
74) Di-n-butylphthalate	11.974	149	1222278	46.303	ng	100
75) Fluoranthene	12.633	202	1173900	44.644	ng	99
77) Benzidine	12.751	184	268029	23.698	ng	98
78) Pyrene	12.863	202	1195036	44.006	ng	99
80) Butylbenzylphthalate	13.480	149	440678	49.967	ng	98
81) Benzo(a)anthracene	14.051	228	923240	43.312	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	244058	37.570	ng	99
83) Chrysene	14.092	228	896979	45.466	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	531572	50.001	ng	99
85) Di-n-octyl phthalate	14.656	149	838370	48.013	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	862085	47.626	ng	99
88) Benzo(b)fluoranthene	15.109	252	803793	47.367	ng	99
89) Benzo(k)fluoranthene	15.139	252	795124	50.638	ng	99
90) Benzo(a)pyrene	15.480	252	740931	50.355	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	712892	48.969	ng	98
92) Benzo(g,h,i)perylene	17.492	276	714155	49.055	ng	98

10/09/2025

Supervised By :Jagrut
 Upadhyay

10/09/2025

(#) = qualifier out of range (m) = manual integration (+) = signals summed

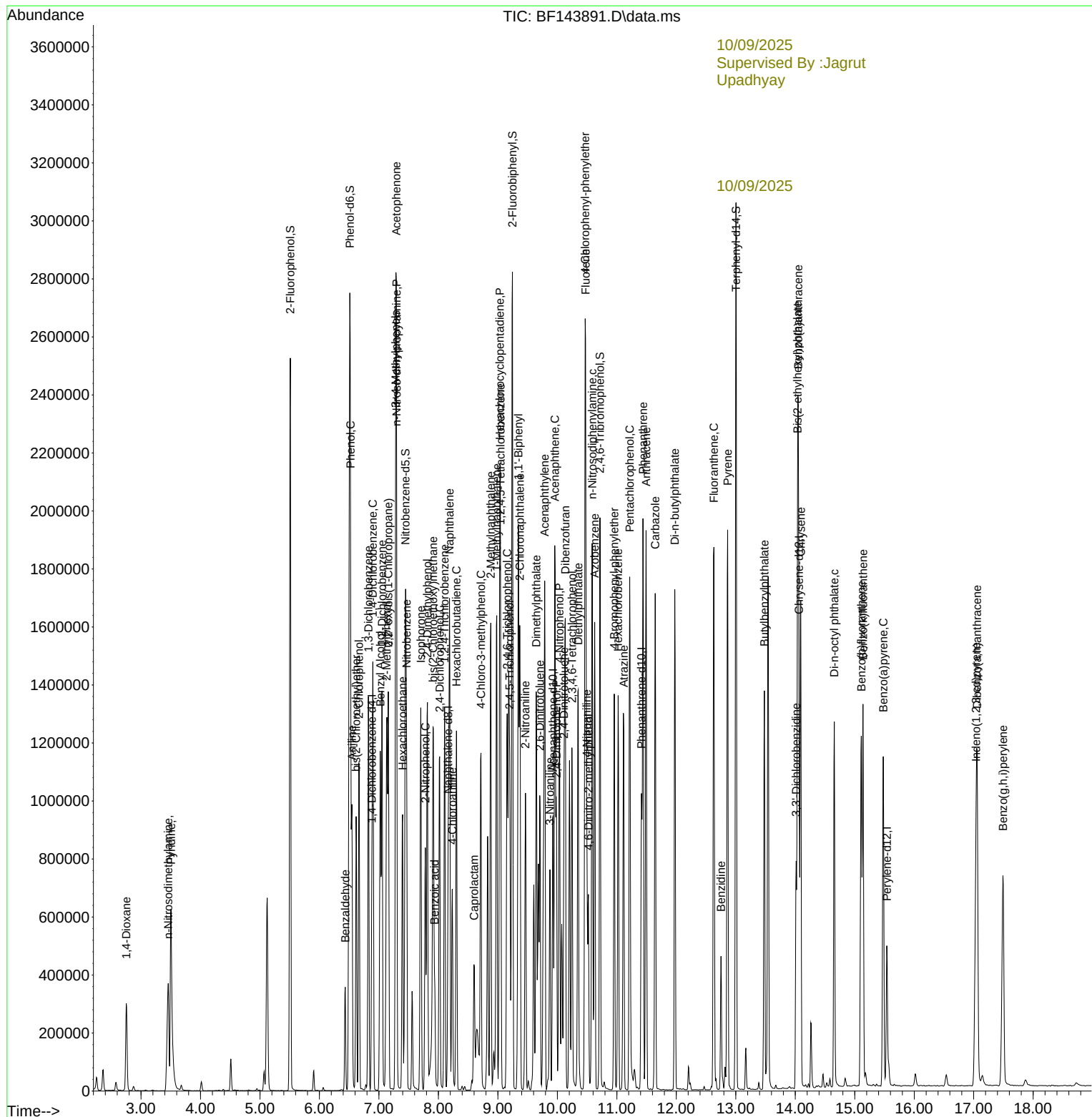
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Data File : BF143891.D  
Acq On    : 08 Oct 2025 12:49  
Operator  : RC/JU  
Sample    : PB169953BS  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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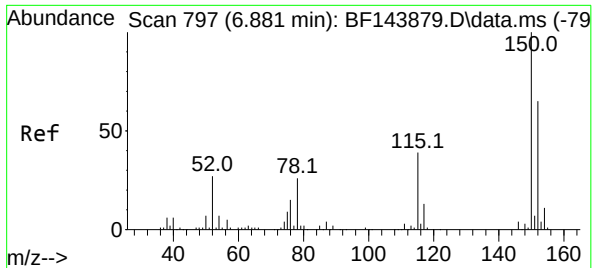
Instrument :
BNA_F
ClientSampleId :
PB169953BS

Manual Integrations APPROVED

Reviewed By :Rahul
Chavli

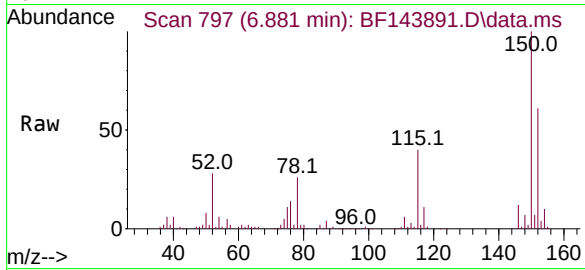
Quant Time: Oct 08 13:11:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

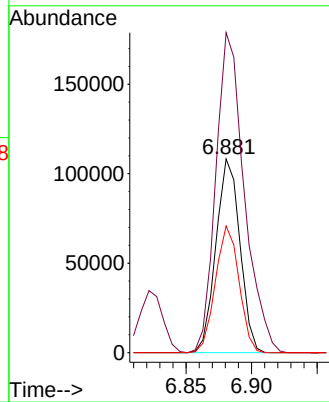
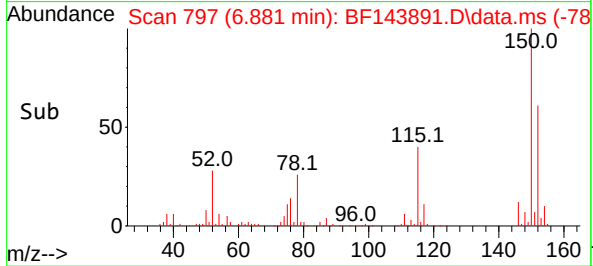
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:152 Resp: 137733
Ion Ratio Lower Upper
152 100
150 165.2 124.4 186.6
115 65.4 48.1 72.1

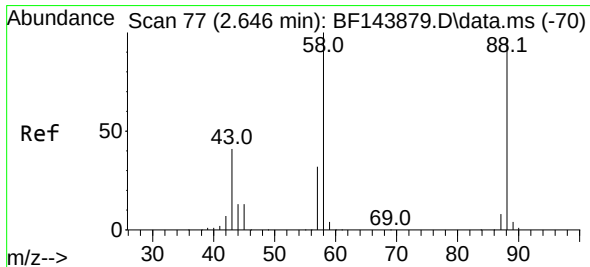
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli



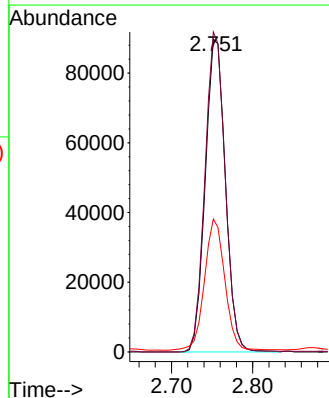
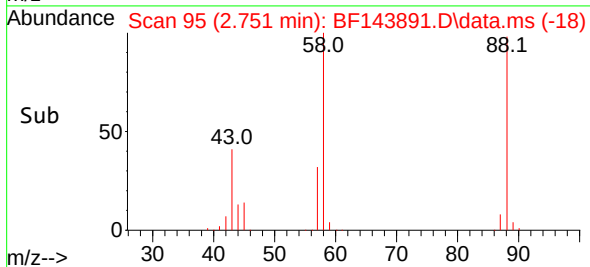
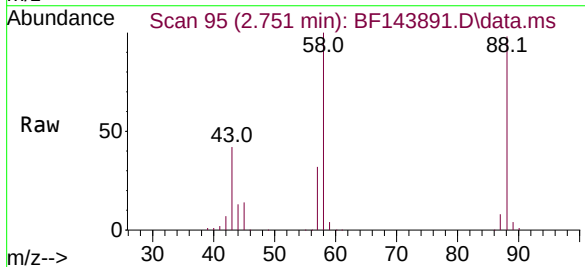
10/09/2025
Supervised By :Jagrut
Upadhyay

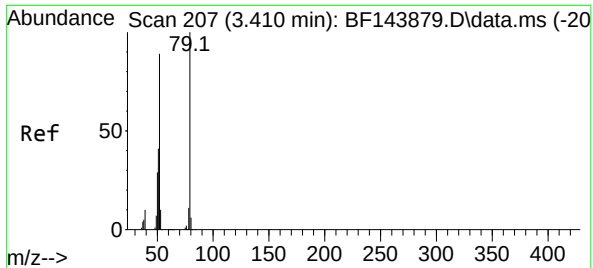
10/09/2025



#2
1,4-Dioxane
Concen: 38.583 ng
RT: 2.751 min Scan# 95
Delta R.T. 0.106 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion: 88 Resp: 154857
Ion Ratio Lower Upper
88 100
58 102.6 83.0 124.6
43 42.3 33.9 50.9





#3

Pyridine

Concen: 36.988 ng

RT: 3.504 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF143891.D

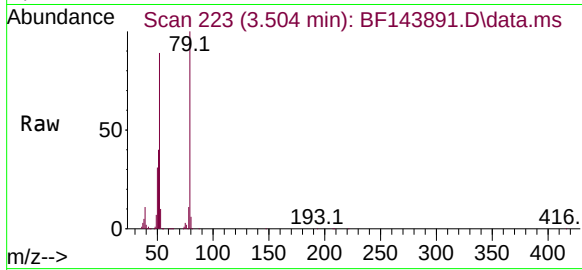
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS



Tgt Ion: 79 Resp: 432180

Ion Ratio Lower Upper

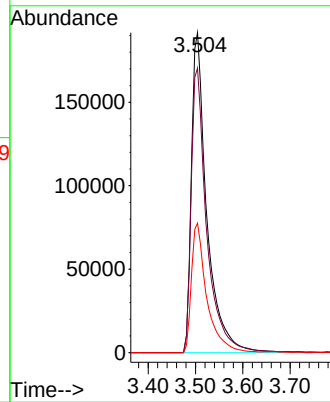
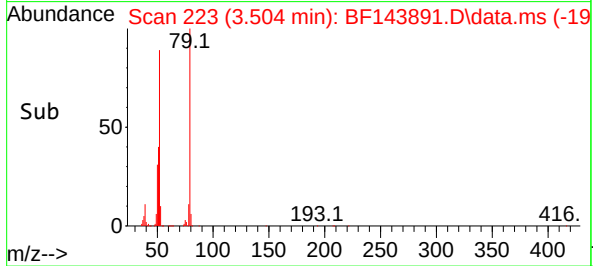
79 100

52 88.9 71.5 107.3

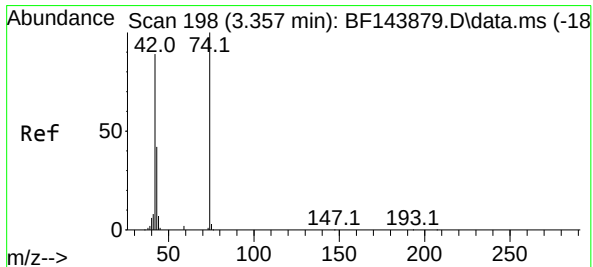
51 40.5 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

10/09/2025



#4

n-Nitrosodimethylamine

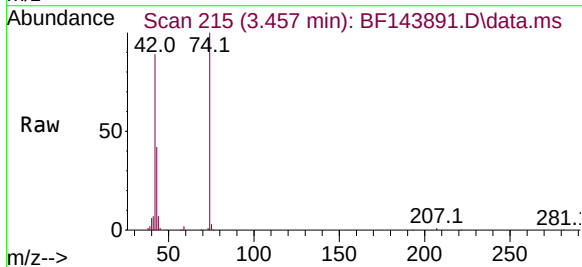
Concen: 46.082 ng

RT: 3.457 min Scan# 215

Delta R.T. 0.071 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49



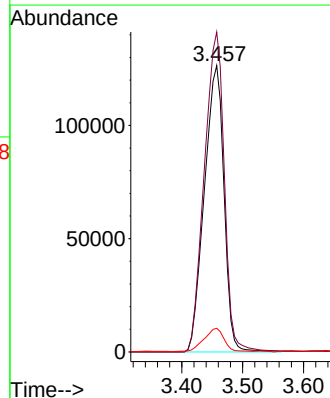
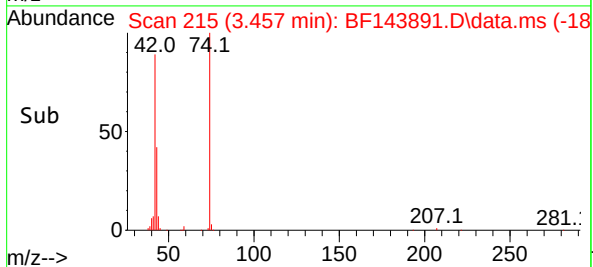
Tgt Ion: 42 Resp: 283247

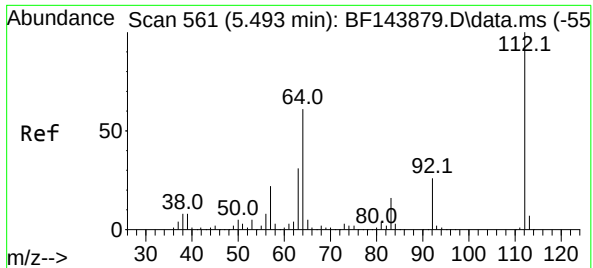
Ion Ratio Lower Upper

42 100

74 111.7 90.0 135.0

44 8.2 6.2 9.2





#5
2-Fluorophenol
Concen: 115.148 ng
RT: 5.510 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

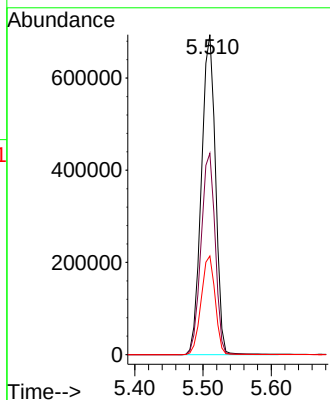
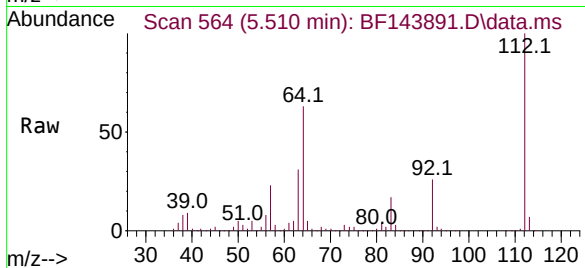
ClientSampleId :

PB169953BS

Tgt Ion:112 Resp: 998731
Ion Ratio Lower Upper
112 100
64 62.9 49.1 73.7
63 30.8 24.5 36.7

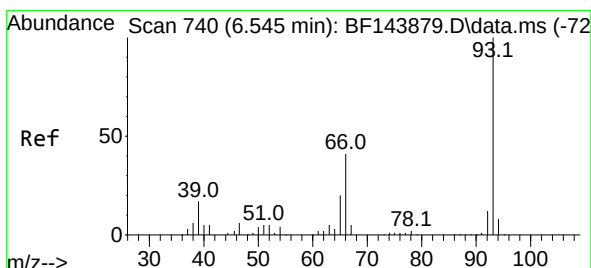
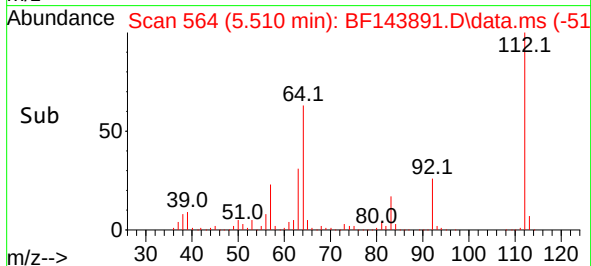
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Reviewed By :Rahul
Chavli



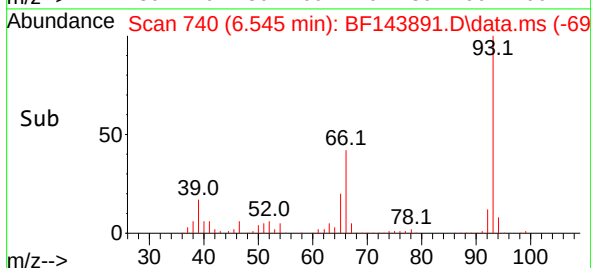
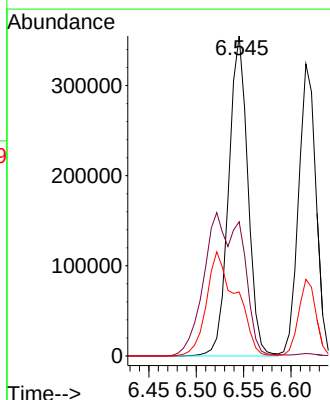
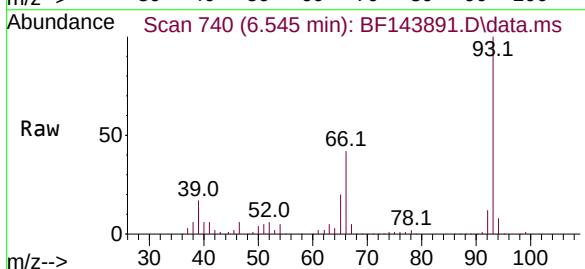
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Supervised By :Jagrut
Upadhyay

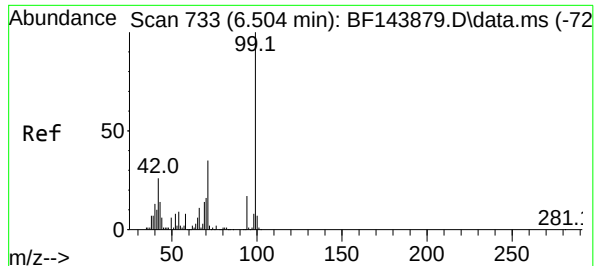
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#6
Aniline
Concen: 32.292 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

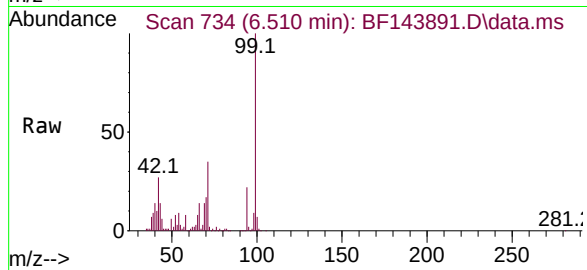
Tgt Ion: 93 Resp: 500263
Ion Ratio Lower Upper
93 100
66 41.9 33.0 49.6
65 20.0 15.8 23.8





#7
Phenol-d6
Concen: 116.882 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

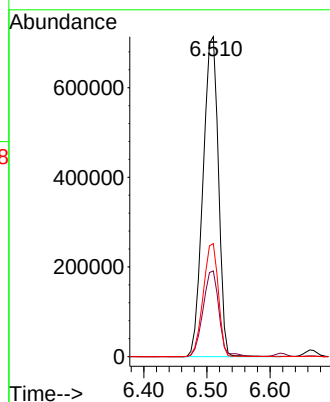
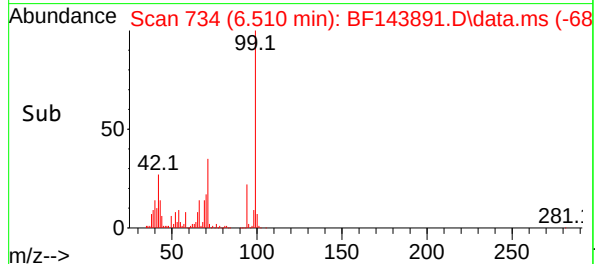
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion: 99 Resp: 1208369
Ion Ratio Lower Upper
99 100
42 26.8 21.0 31.4
71 35.3 27.8 41.8

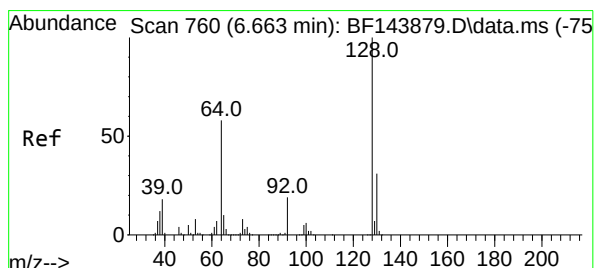
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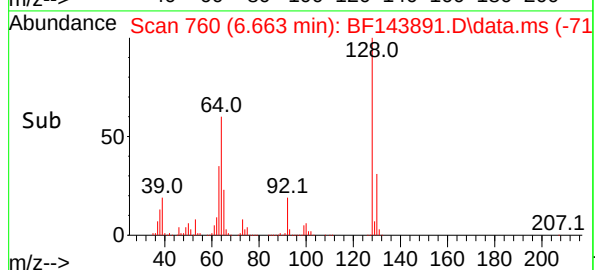
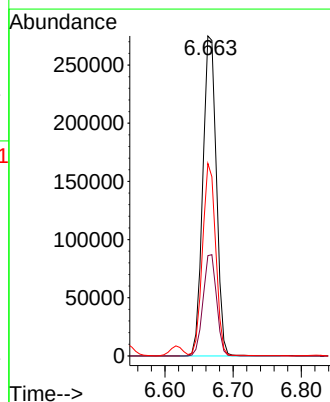
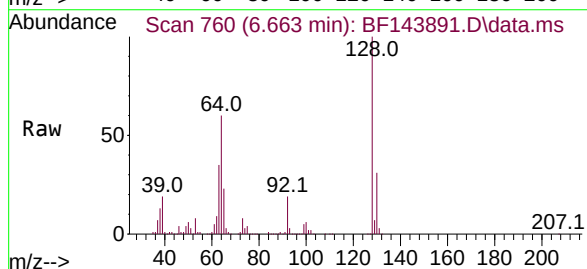
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Upadhyay

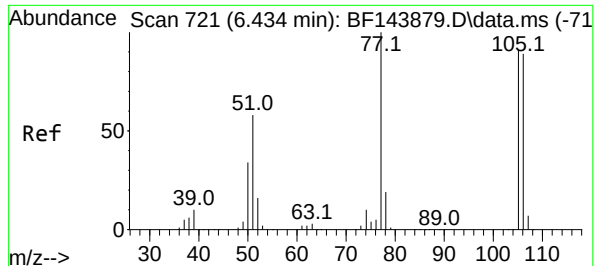
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#8
2-Chlorophenol
Concen: 44.827 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:128 Resp: 380055
Ion Ratio Lower Upper
128 100
130 31.3 10.7 50.7
64 60.1 39.0 79.0





#9

Benzaldehyde

Concen: 12.350 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion: 77 Resp: 98494

Ion Ratio Lower Upper

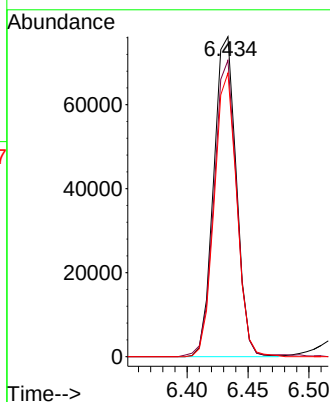
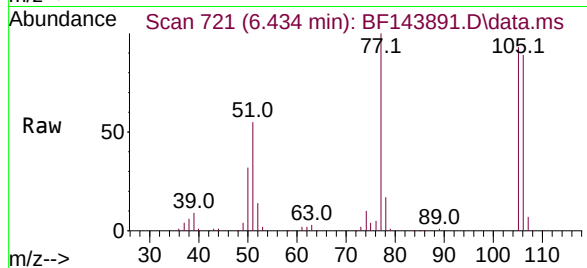
77 100

105 92.6 70.9 110.9

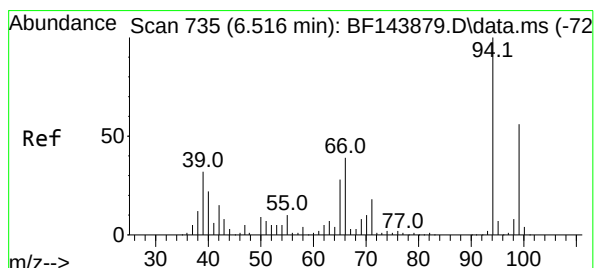
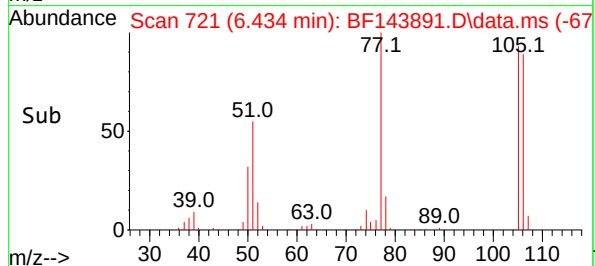
106 88.6 68.9 108.9

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#10

Phenol

Concen: 43.877 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

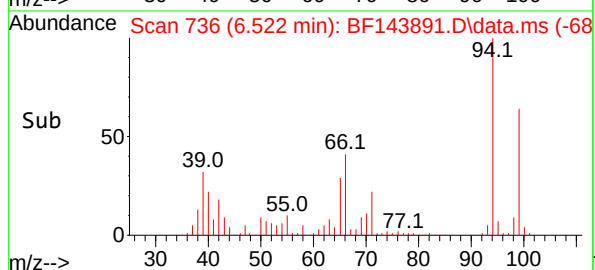
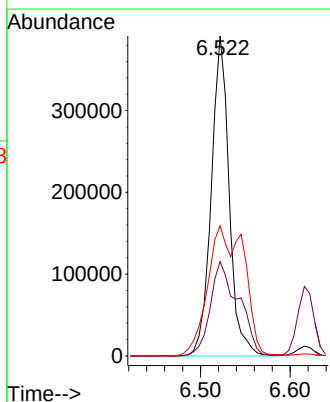
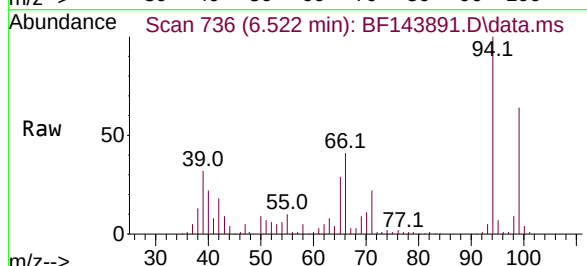
Tgt Ion: 94 Resp: 542306

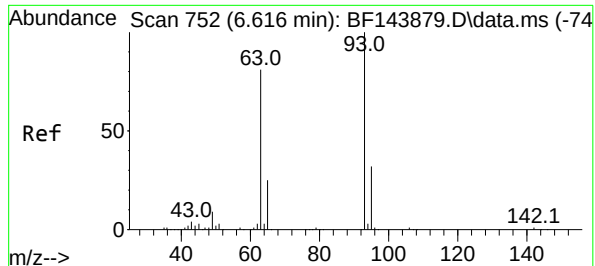
Ion Ratio Lower Upper

94 100

65 29.5 8.5 48.5

66 40.6 19.9 59.9





#11
bis(2-Chloroethyl)ether
Concen: 42.930 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

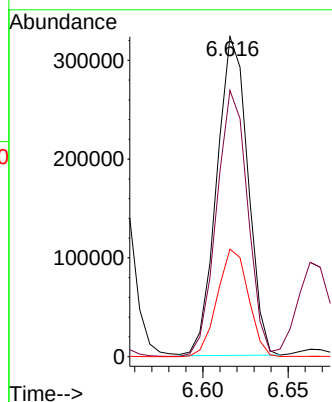
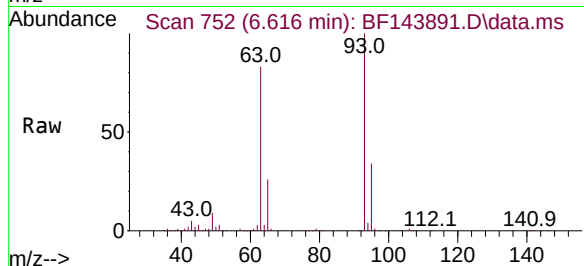
ClientSampleId :

PB169953BS

Tgt Ion: 93 Resp: 409878
Ion Ratio Lower Upper
93 100
63 83.2 60.9 100.9
95 33.6 11.5 51.5

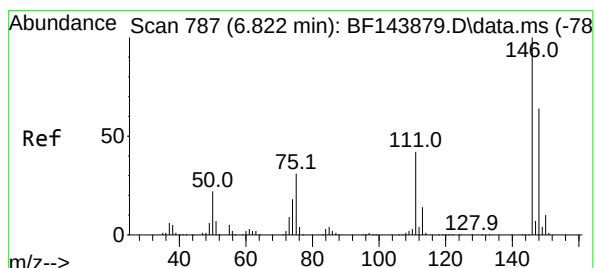
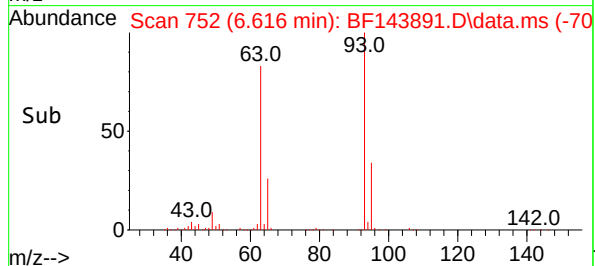
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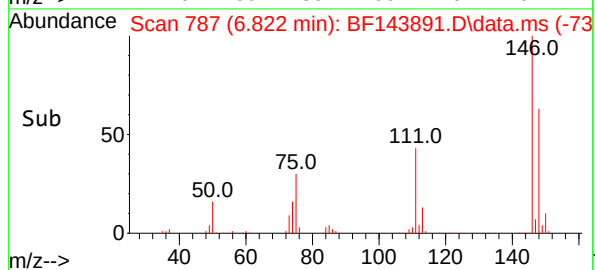
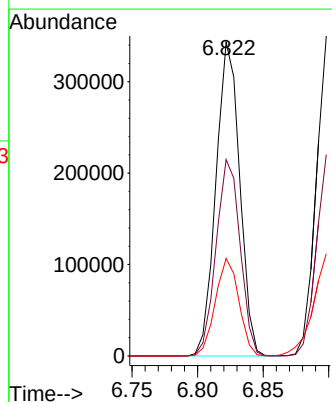
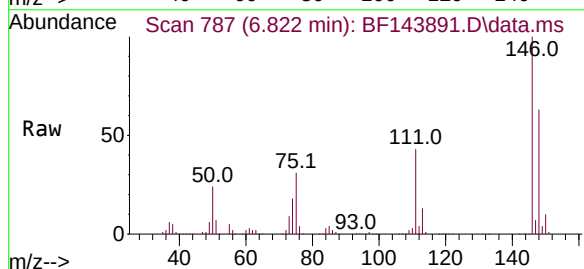
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Supervised By :Jagrut
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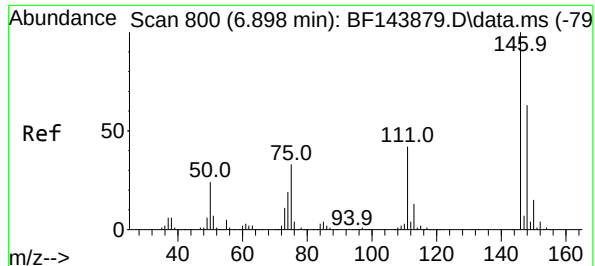
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#12
1,3-Dichlorobenzene
Concen: 42.633 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

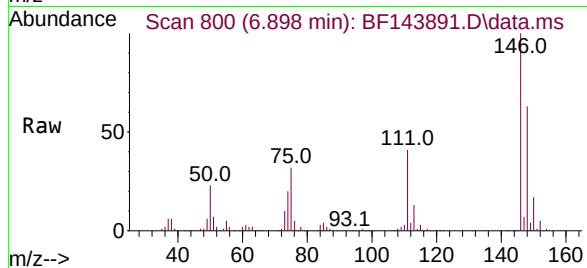
Tgt Ion:146 Resp: 432666
Ion Ratio Lower Upper
146 100
148 62.6 51.0 76.4
75 31.0 24.9 37.3





#13
1,4-Dichlorobenzene
Concen: 44.456 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

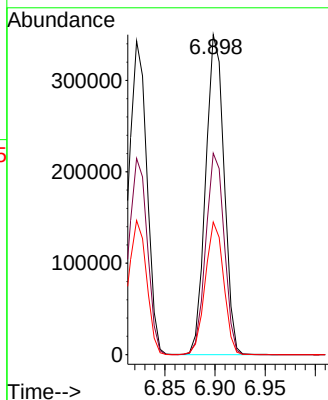
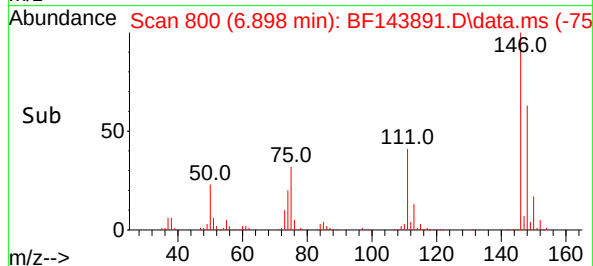
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:146 Resp: 445044
Ion Ratio Lower Upper
146 100
148 63.0 50.5 75.7
111 41.4 33.4 50.0

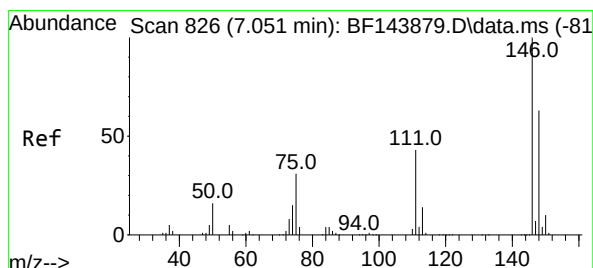
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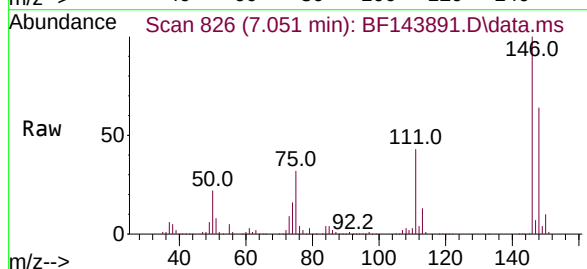


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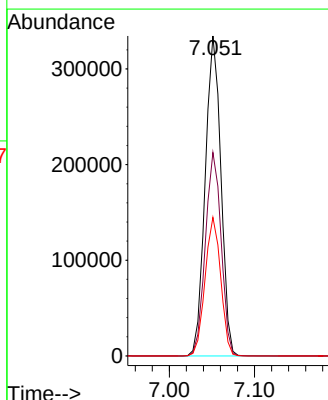
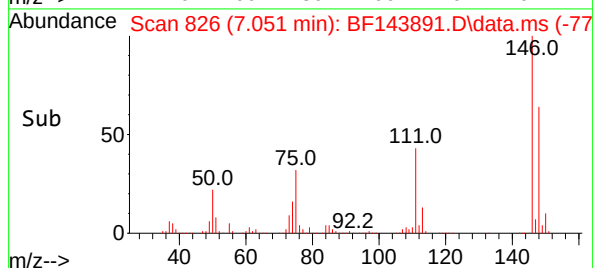
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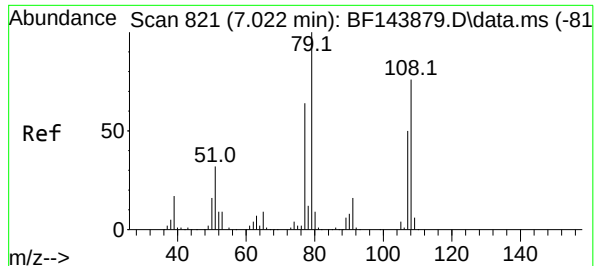


#14
1,2-Dichlorobenzene
Concen: 44.634 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:146 Resp: 427984
Ion Ratio Lower Upper
146 100
148 63.6 50.6 75.8
111 43.3 34.6 51.8





#15

Benzyl Alcohol

Concen: 46.763 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.012 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion: 79 Resp: 362233

Ion Ratio Lower Upper

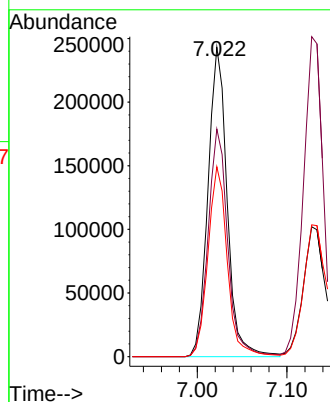
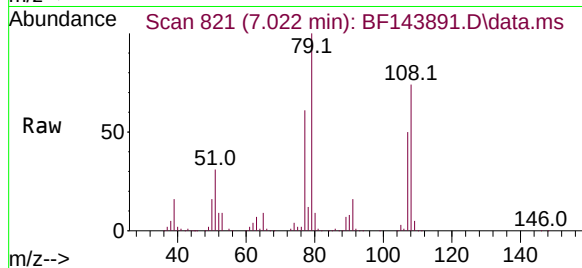
79 100

108 73.6 60.8 91.2

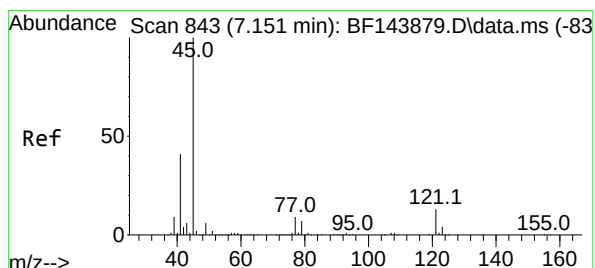
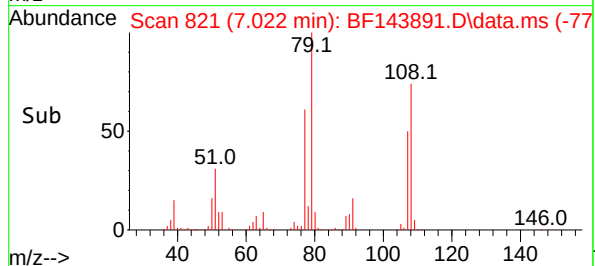
77 61.4 51.0 76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.691 ng

RT: 7.157 min Scan# 844

Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

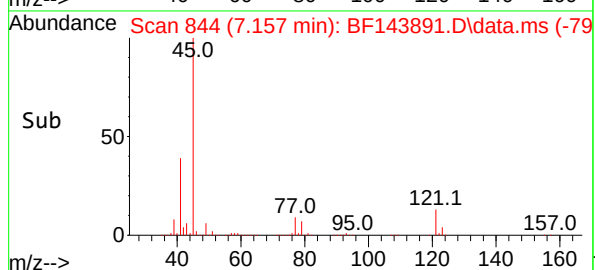
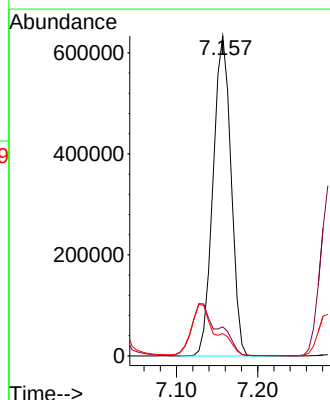
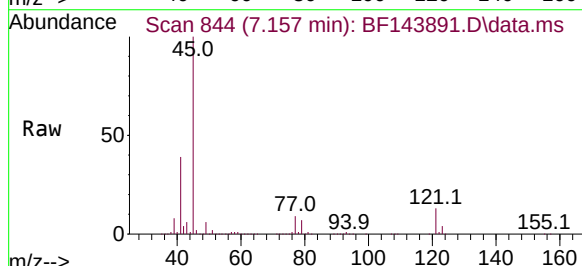
Tgt Ion: 45 Resp: 971258

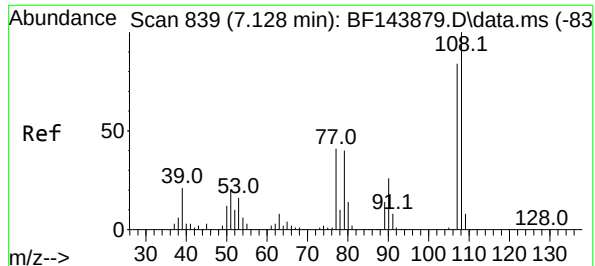
Ion Ratio Lower Upper

45 100

77 9.1 0.0 29.0

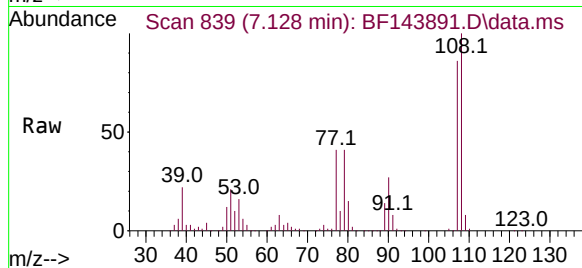
79 7.0 0.0 26.8





#17
2-Methylphenol
Concen: 45.957 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

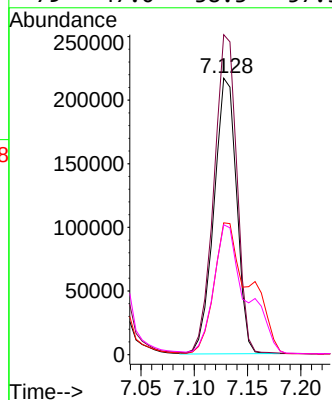
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:107 Resp: 322010
Ion Ratio Lower Upper
107 100
108 115.8 94.7 142.1
77 47.7 38.8 58.2
79 47.0 38.3 57.5

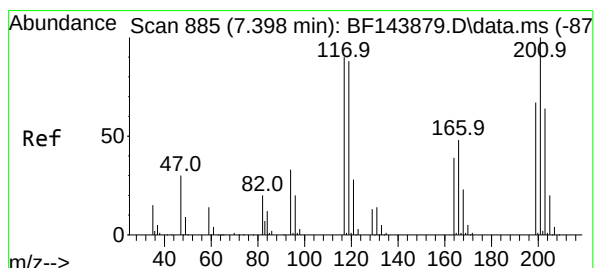
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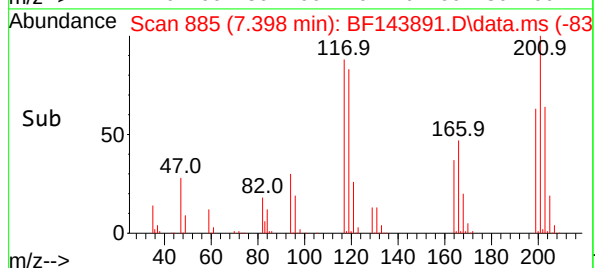
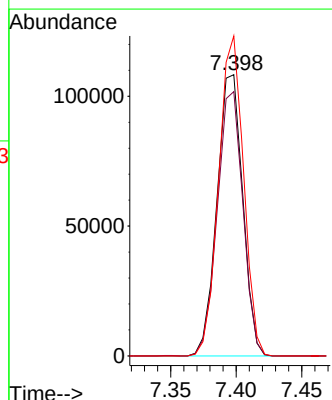
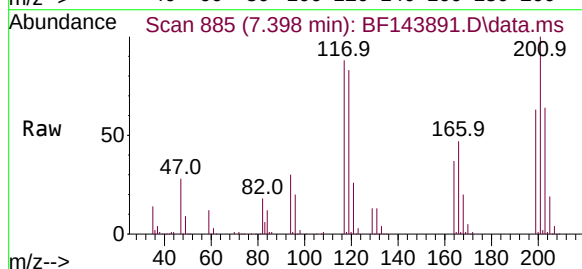
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Upadhyay

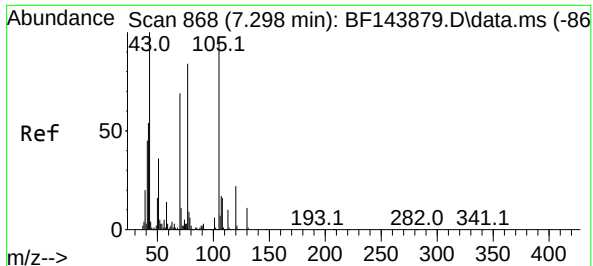
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#18
Hexachloroethane
Concen: 44.306 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:117 Resp: 147920
Ion Ratio Lower Upper
117 100
119 93.9 77.8 116.8
201 113.8 88.5 132.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.191 ng

RT: 7.298 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion: 70 Resp: 305646

Ion Ratio Lower Upper

70 100

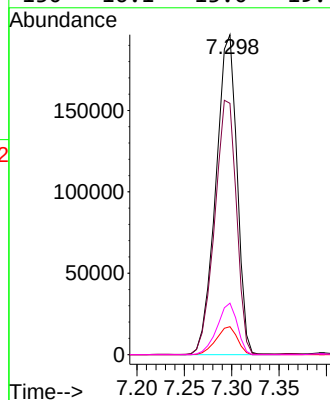
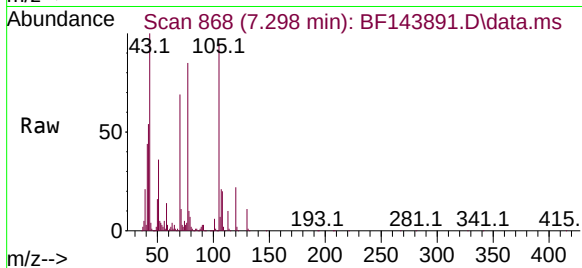
42 78.5 62.8 94.2

101 8.7 6.7 10.1

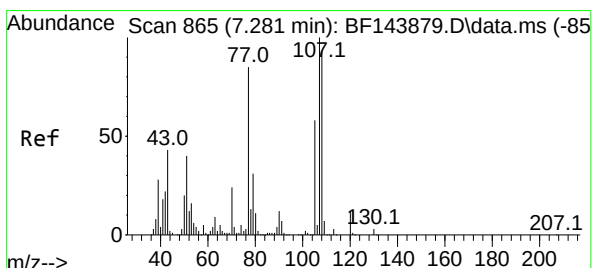
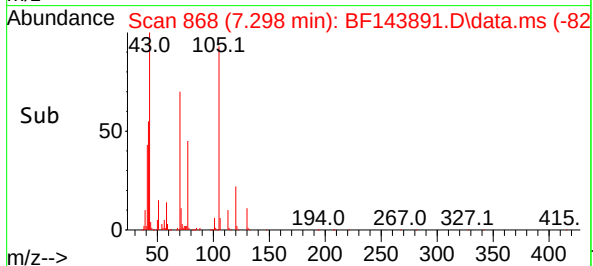
130 16.1 13.0 19.4

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#20

3+4-Methylphenols

Concen: 44.969 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Tgt Ion:107 Resp: 365186

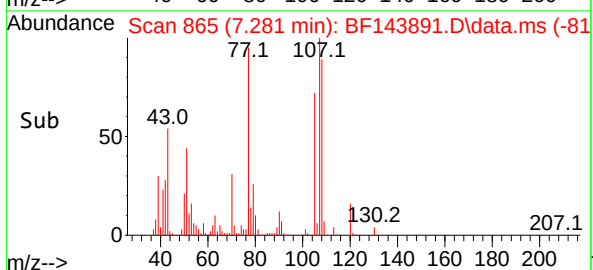
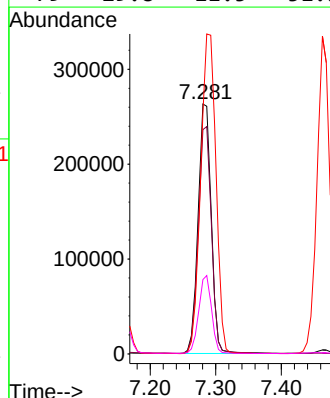
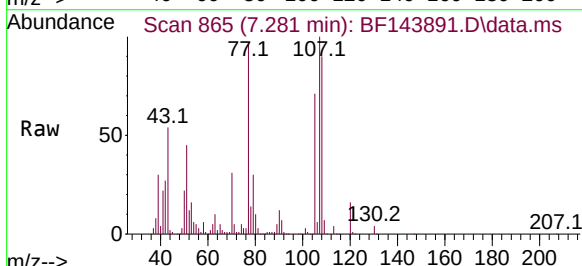
Ion Ratio Lower Upper

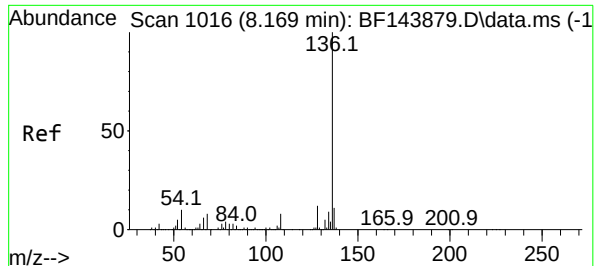
107 100

108 89.7 73.0 113.0

77 96.3 64.6 104.6

79 29.8 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:136 Resp: 539635

Ion Ratio Lower Upper

136 100

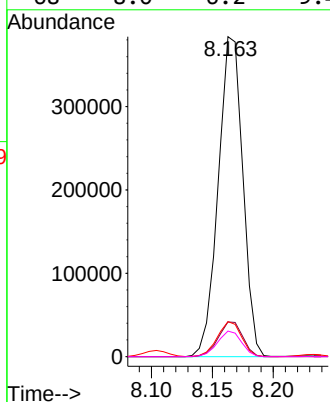
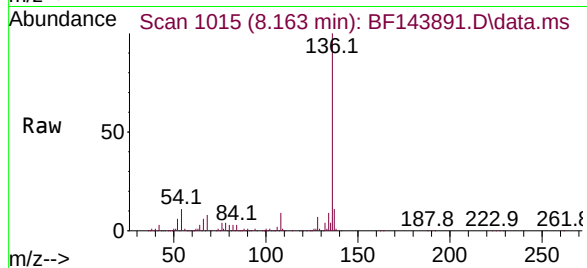
137 10.8 8.5 12.7

54 10.9 8.2 12.4

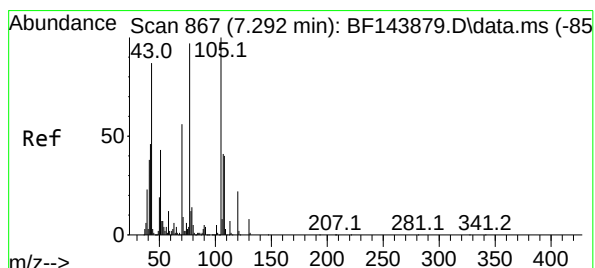
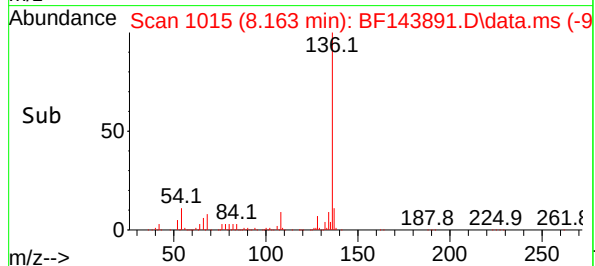
68 8.0 6.2 9.4

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Chavli10/09/2025
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Upadhyay

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#22

Acetophenone

Concen: 43.291 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Tgt Ion:105 Resp: 493964

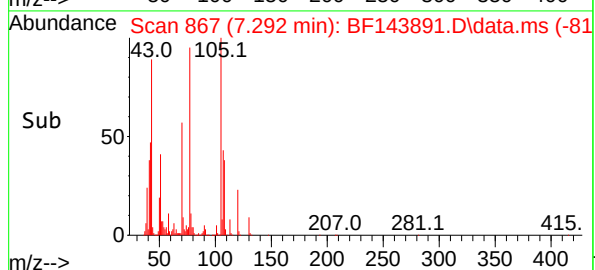
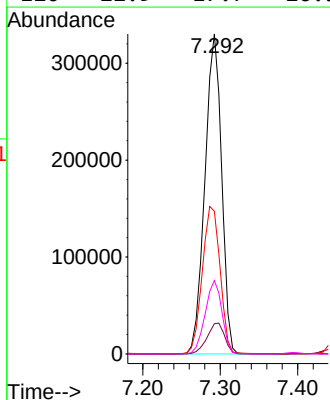
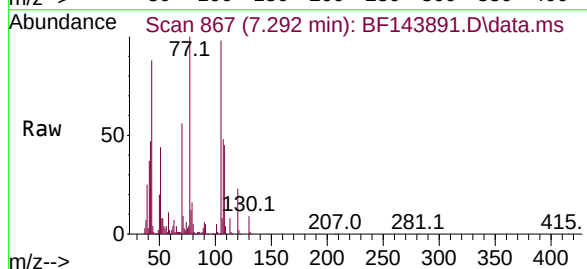
Ion Ratio Lower Upper

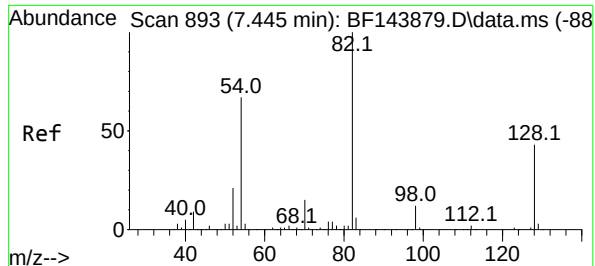
105 100

71 9.4 7.4 11.0

51 44.6 34.2 51.4

120 22.9 17.7 26.5





#23

Nitrobenzene-d5

Concen: 87.759 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion: 82 Resp: 77948

Ion Ratio Lower Upper

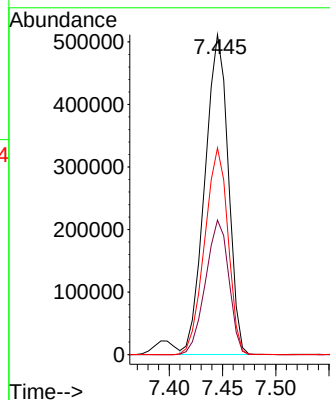
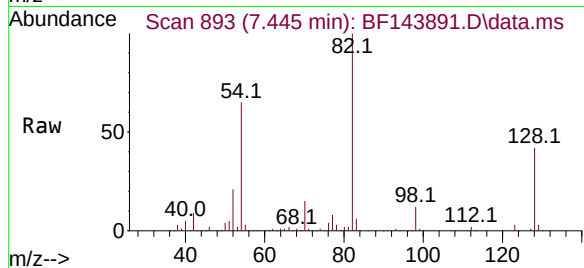
82 100

128 42.0 34.0 51.0

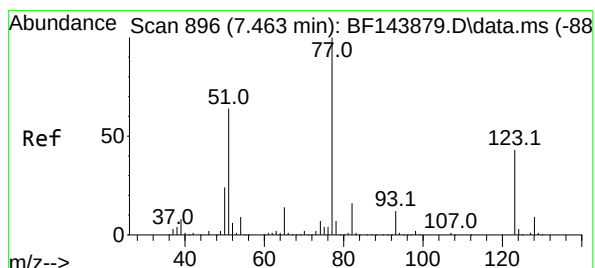
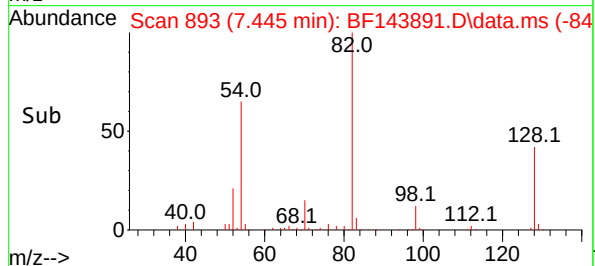
54 64.6 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

10/09/2025



#24

Nitrobenzene

Concen: 45.092 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

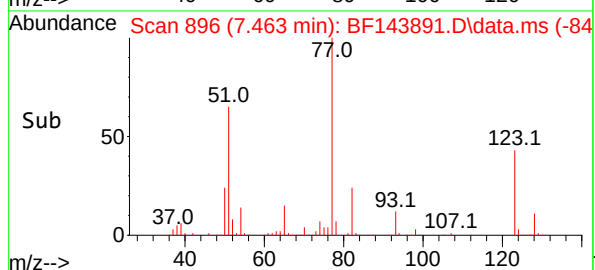
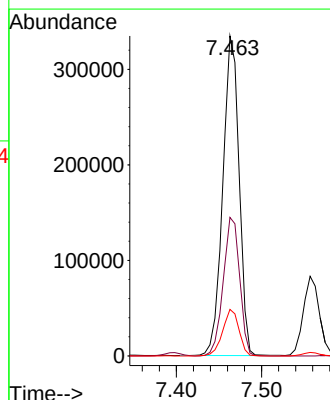
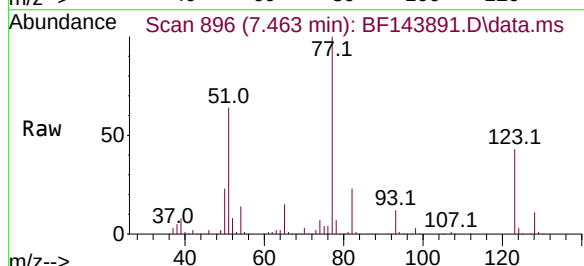
Tgt Ion: 77 Resp: 444777

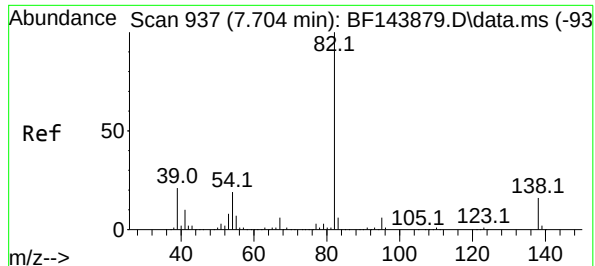
Ion Ratio Lower Upper

77 100

123 43.3 34.2 51.4

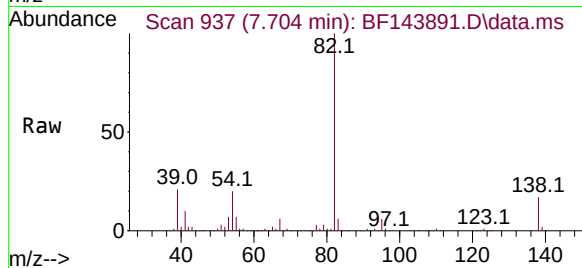
65 14.5 11.0 16.6





#25
Isophorone
Concen: 43.912 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

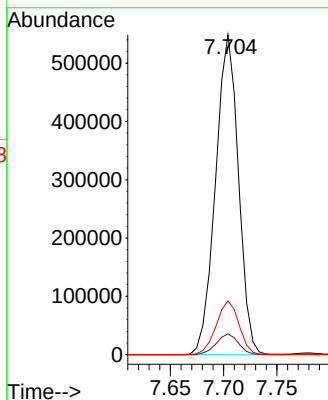
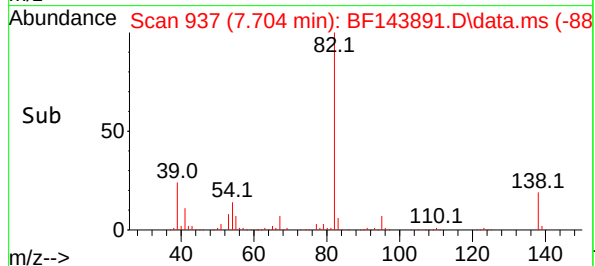
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion: 82 Resp: 822412
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 16.8 12.9 19.3

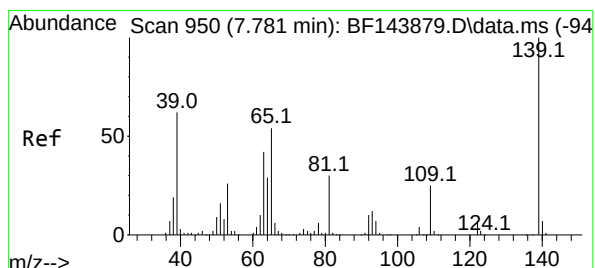
Manual Integrations
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Reviewed By :Rahul
Chavli



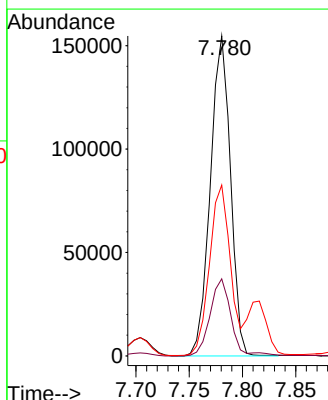
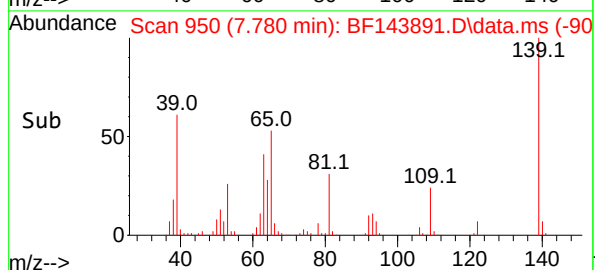
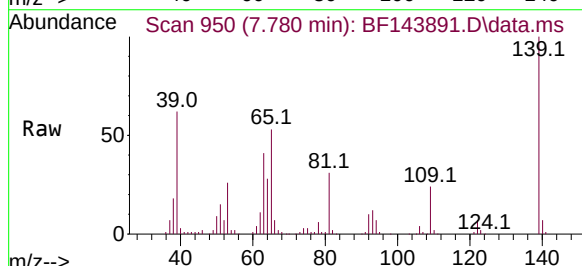
10/09/2025
Supervised By :Jagrut
Upadhyay

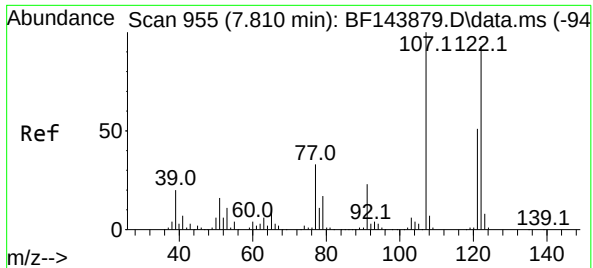
10/09/2025



#26
2-Nitrophenol
Concen: 48.149 ng
RT: 7.780 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:139 Resp: 203618
Ion Ratio Lower Upper
139 100
109 24.1 19.8 29.6
65 53.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 49.909 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:122 Resp: 37966

Ion Ratio Lower Upper

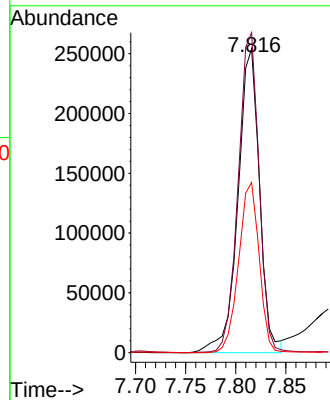
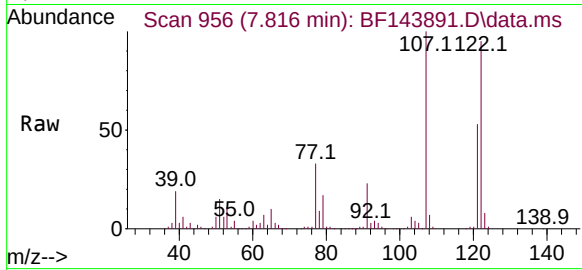
122 100

107 105.3 86.1 129.1

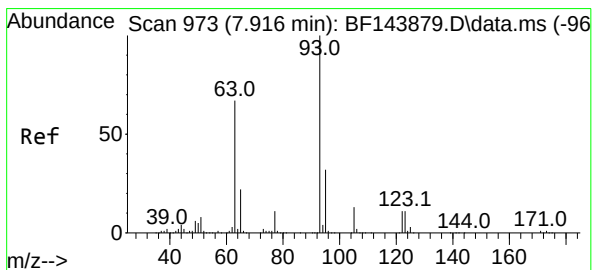
121 56.0 43.8 65.6

Manual Integrations

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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#28

bis(2-Chloroethoxy)methane

Concen: 43.360 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

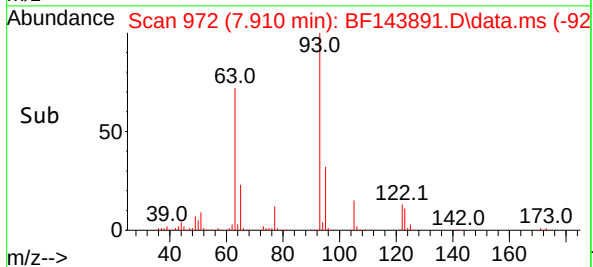
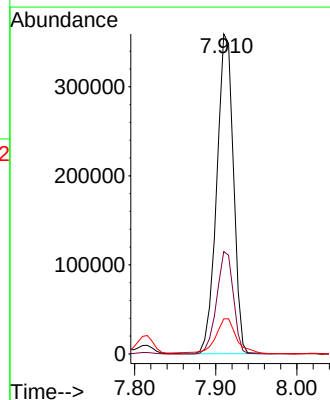
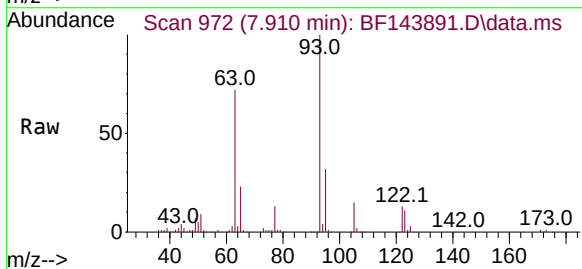
Tgt Ion: 93 Resp: 512973

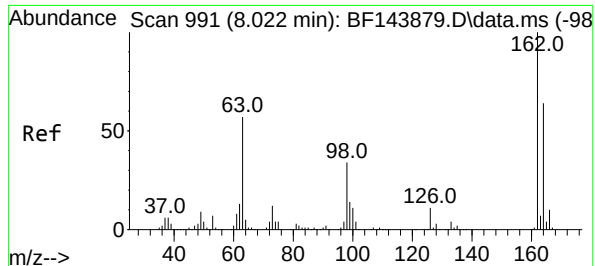
Ion Ratio Lower Upper

93 100

95 32.0 25.9 38.9

123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.771 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:162 Resp: 346843

Ion Ratio Lower Upper

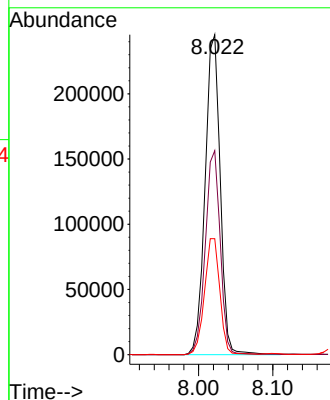
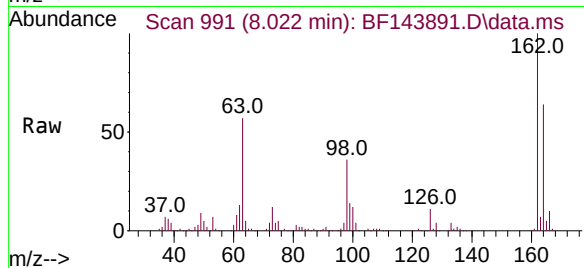
162 100

164 63.7 43.9 83.9

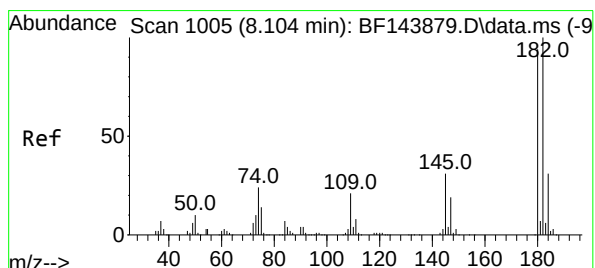
98 36.2 14.4 54.4

Manual Integrations

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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 45.138 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

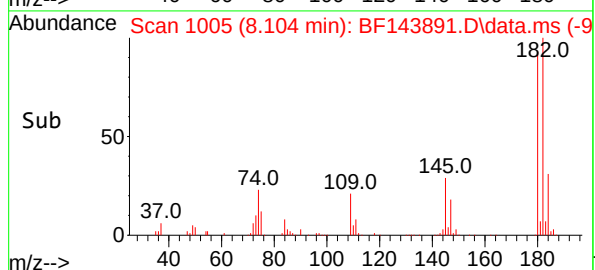
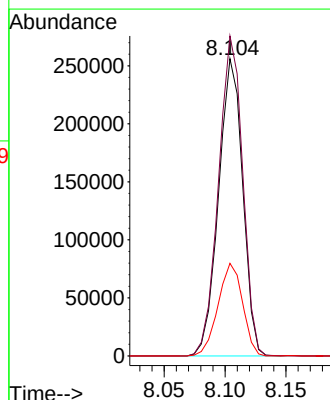
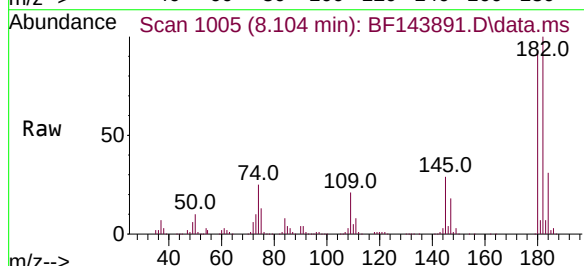
Tgt Ion:180 Resp: 351760

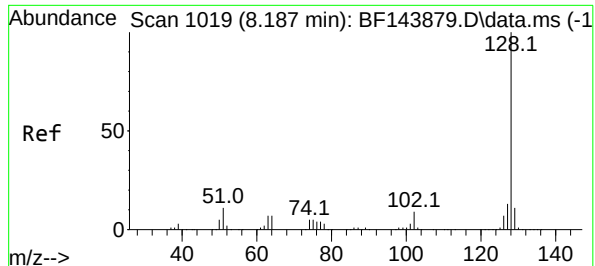
Ion Ratio Lower Upper

180 100

182 107.7 85.4 128.0

145 31.1 26.3 39.5





#31

Naphthalene

Concen: 42.953 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:128 Resp: 1054386

Ion Ratio Lower Upper

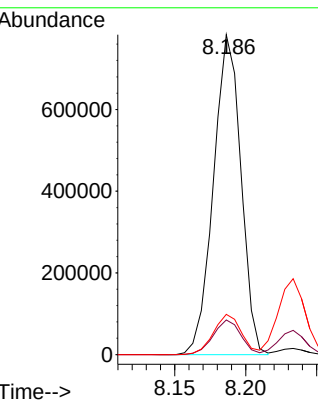
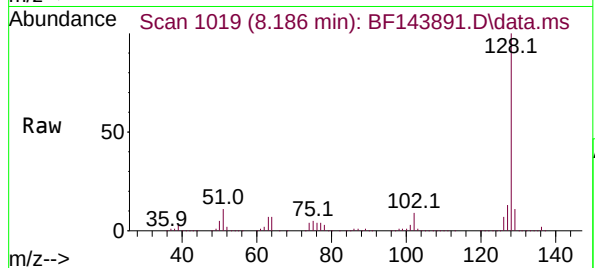
128 100

129 10.8 8.7 13.1

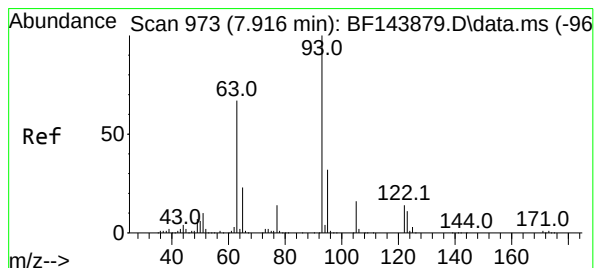
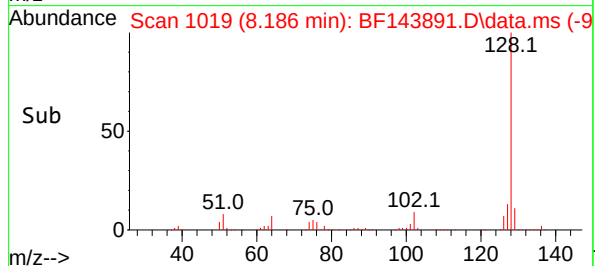
127 12.6 10.0 15.0

Manual Integrations

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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#32

Benzoic acid

Concen: 49.663 ng

RT: 7.933 min Scan# 976

Delta R.T. -0.029 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

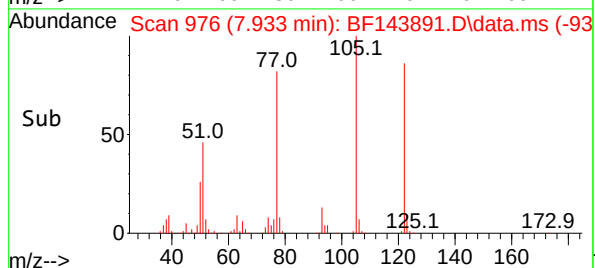
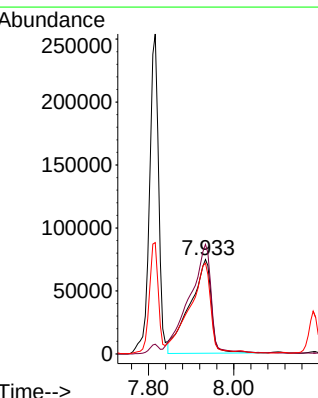
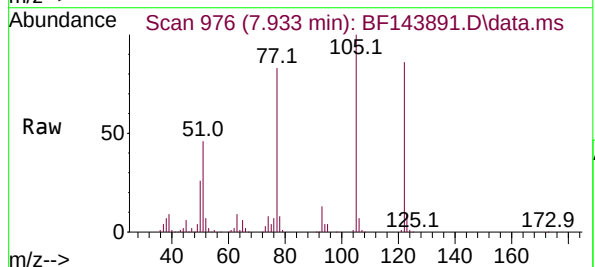
Tgt Ion:122 Resp: 261466

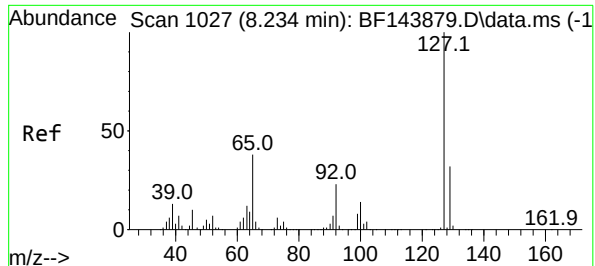
Ion Ratio Lower Upper

122 100

105 116.1 93.5 133.5

77 96.2 76.3 116.3





#33

4-Chloroaniline

Concen: 27.310 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:127 Resp: 251428

Ion Ratio Lower Upper

127 100

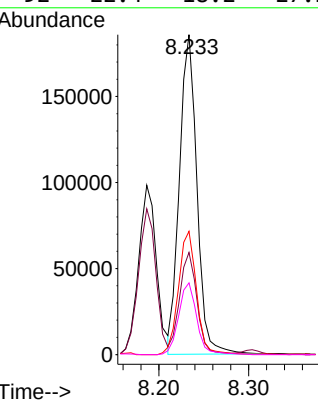
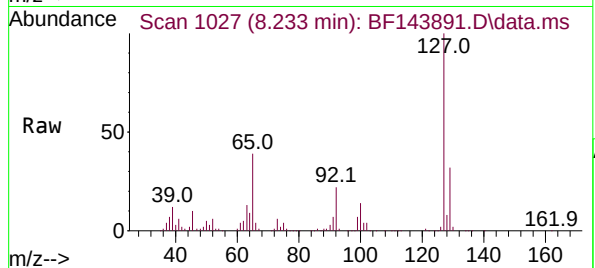
129 31.9 25.8 38.8

65 38.5 30.0 45.0

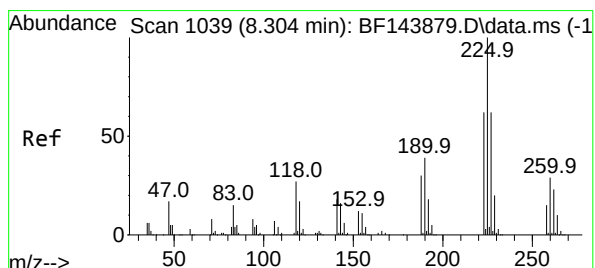
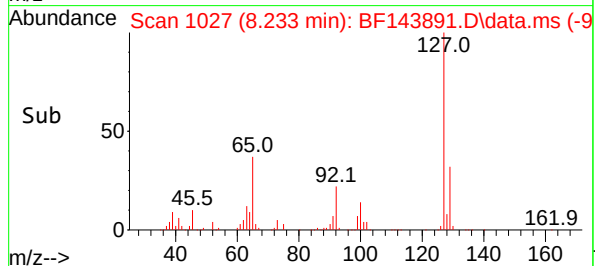
92 22.4 18.2 27.2

Manual Integrations

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Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#34

Hexachlorobutadiene

Concen: 43.313 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

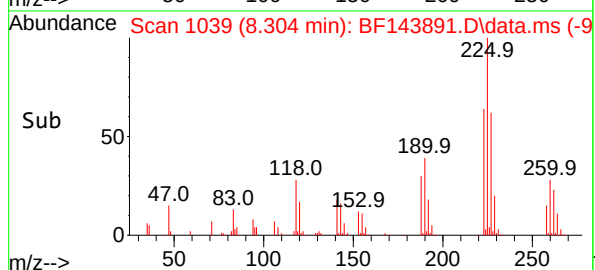
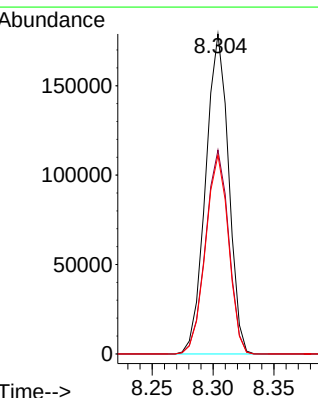
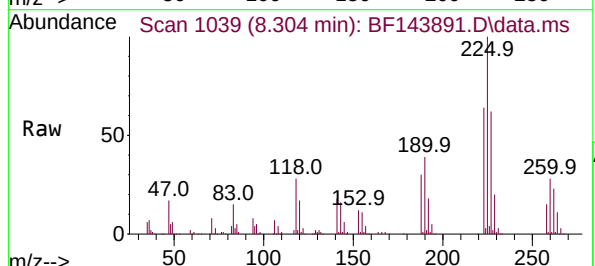
Tgt Ion:225 Resp: 234554

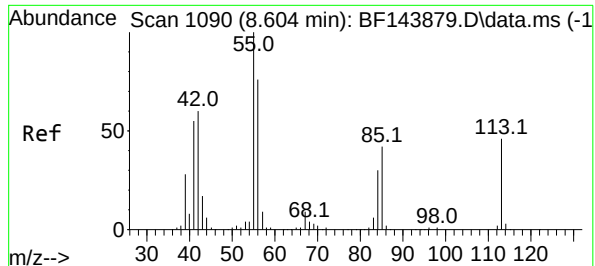
Ion Ratio Lower Upper

225 100

223 63.7 49.4 74.2

227 62.0 49.7 74.5





#35

Caprolactam

Concen: 47.624 ng m

RT: 8.598 min Scan# 1090

Delta R.T. -0.047 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:113 Resp: 119988

Ion Ratio Lower Upper

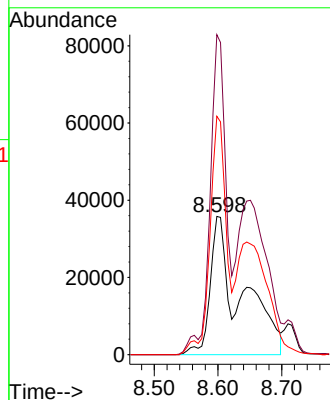
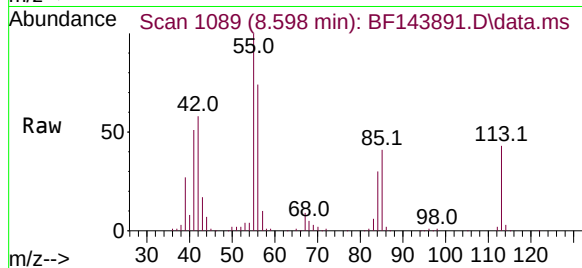
113 100

55 231.5 199.6 239.6

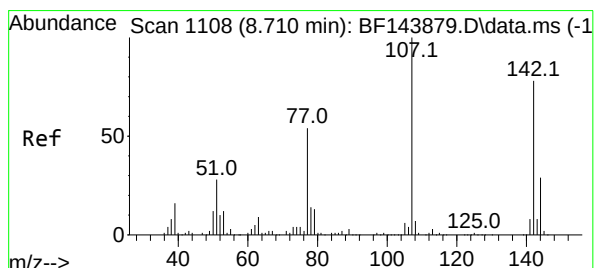
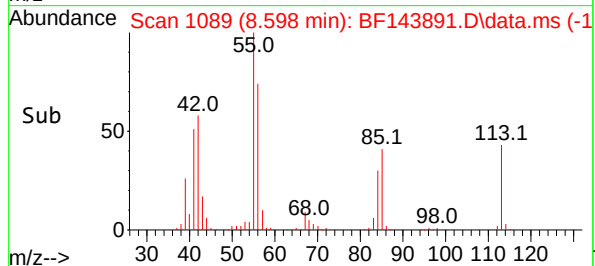
56 172.5 146.0 186.0

Manual Integrations

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Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#36

4-Chloro-3-methylphenol

Concen: 44.279 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

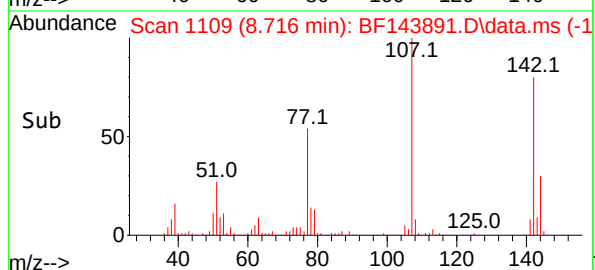
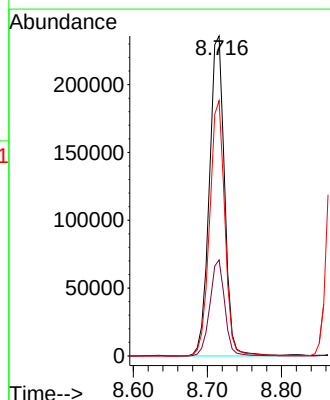
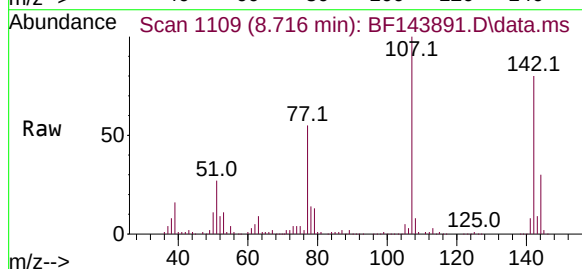
Tgt Ion:107 Resp: 337028

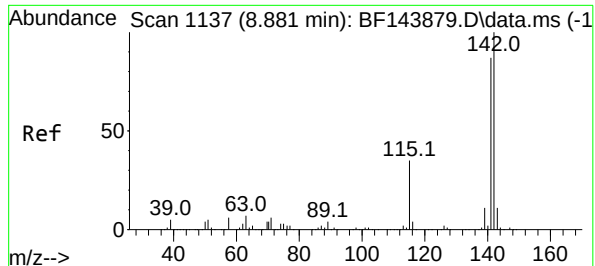
Ion Ratio Lower Upper

107 100

144 30.0 23.1 34.7

142 79.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 39.928 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:142 Resp: 652883

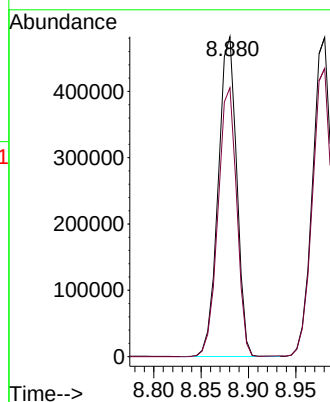
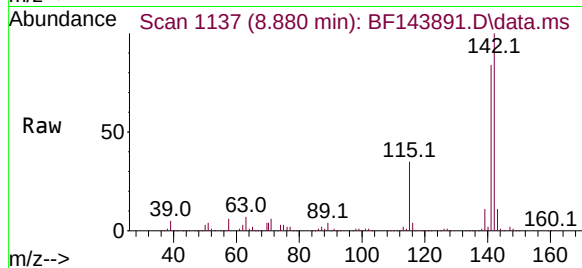
Ion Ratio Lower Upper

142 100

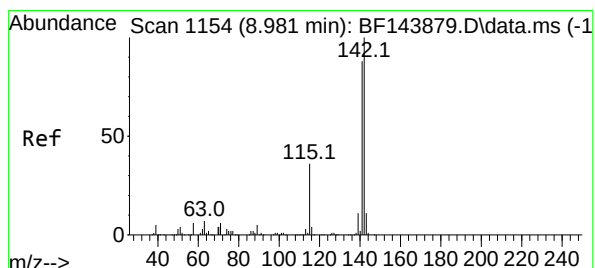
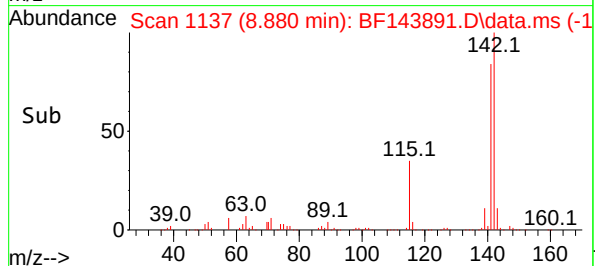
141 84.0 69.2 103.8

Manual Integrations

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Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

10/09/2025



#38

1-Methylnaphthalene

Concen: 41.871 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF143891.D

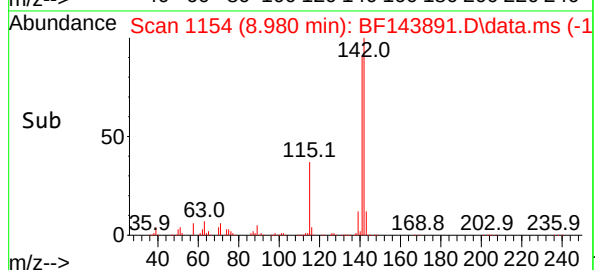
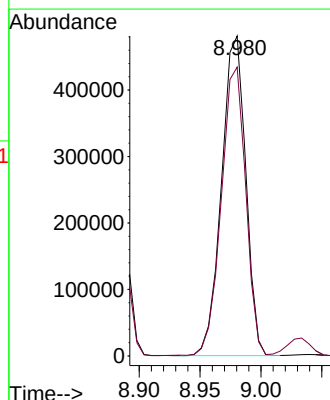
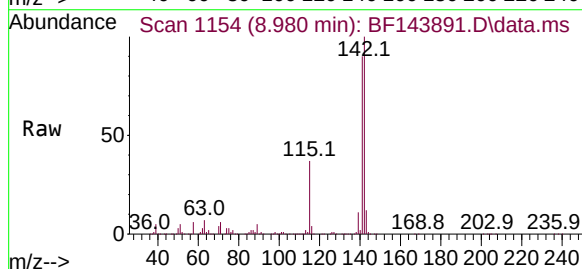
Acq: 08 Oct 2025 12:49

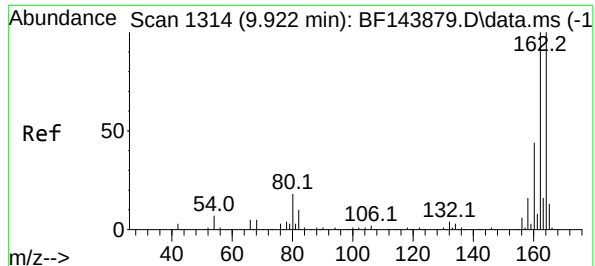
Tgt Ion:142 Resp: 664105

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF143891.D

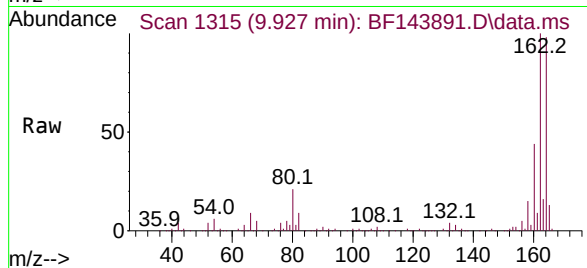
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS



Tgt Ion:164 Resp: 299662

Ion Ratio Lower Upper

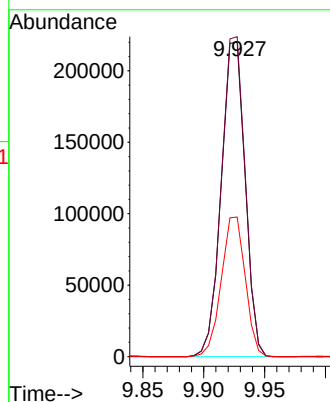
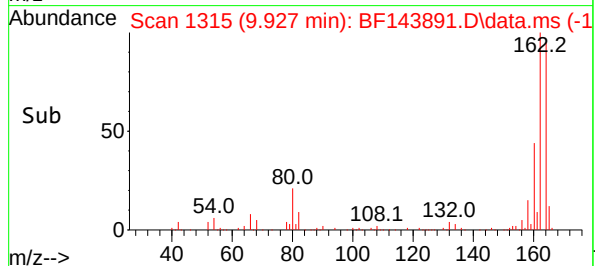
164 100

162 101.8 80.2 120.2

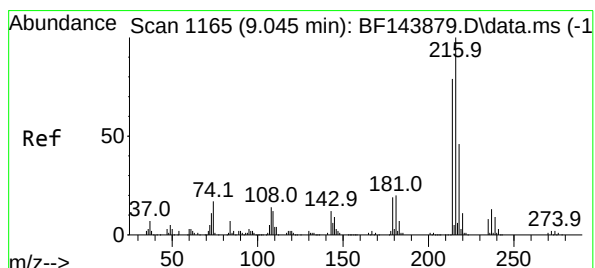
160 44.4 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#40

1,2,4,5-Tetrachlorobenzene

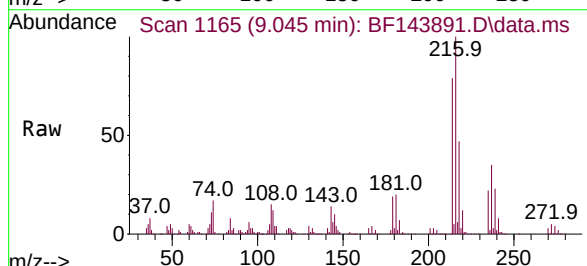
Concen: 41.878 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49



Tgt Ion:216 Resp: 346847

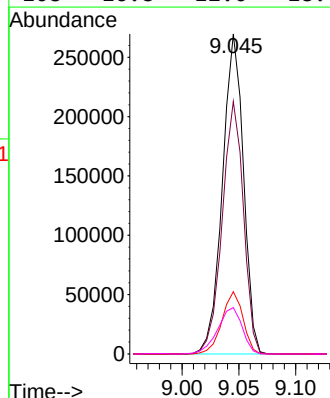
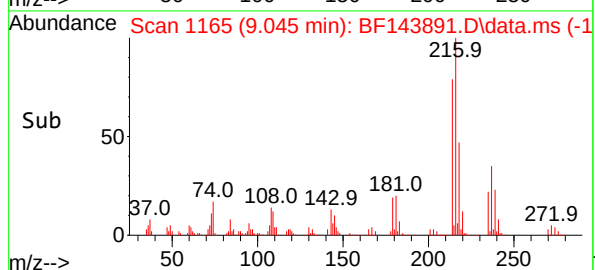
Ion Ratio Lower Upper

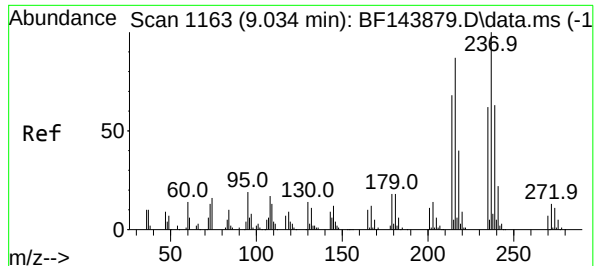
216 100

214 79.4 62.6 94.0

179 19.4 15.4 23.0

108 16.8 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 103.302 ng

RT: 9.033 min Scan# 1163

Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:237 Resp: 354942

Ion Ratio Lower Upper

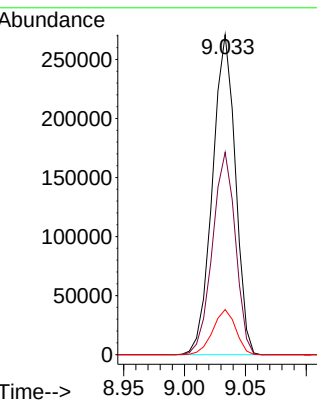
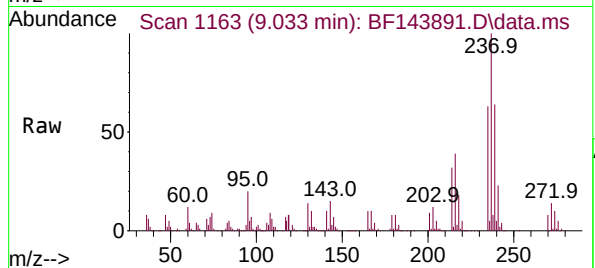
237 100

235 63.2 42.3 82.3

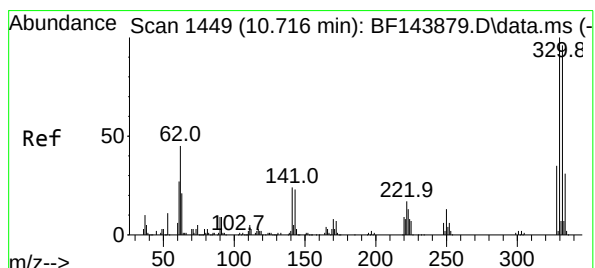
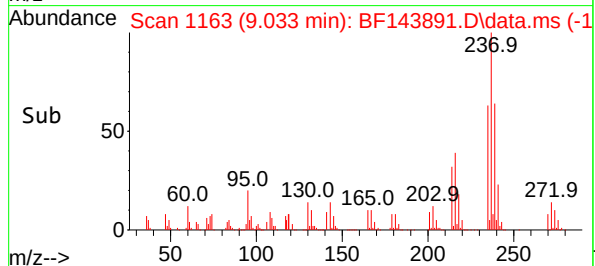
272 14.1 0.0 33.1

Manual Integrations

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Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#42

2,4,6-Tribromophenol

Concen: 129.845 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

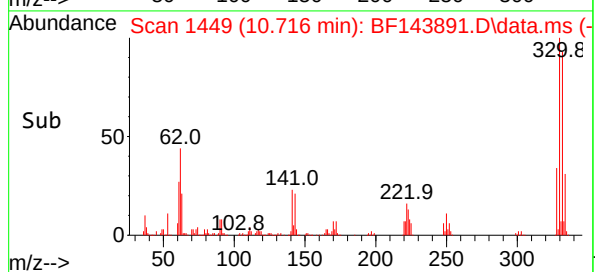
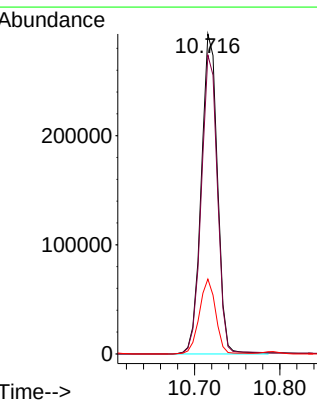
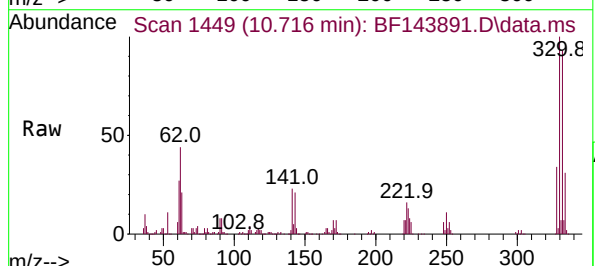
Tgt Ion:330 Resp: 387547

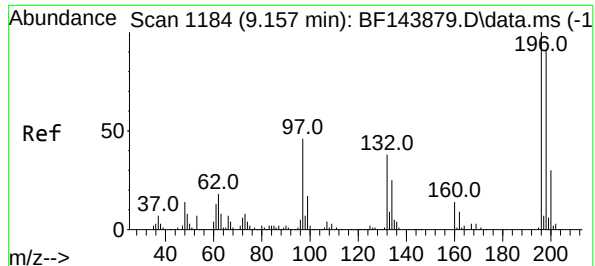
Ion Ratio Lower Upper

330 100

332 93.9 76.9 115.3

141 23.5 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 43.861 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:196 Resp: 265428

Ion Ratio Lower Upper

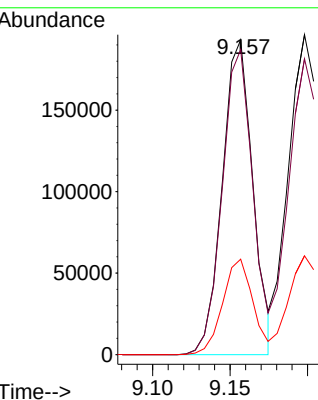
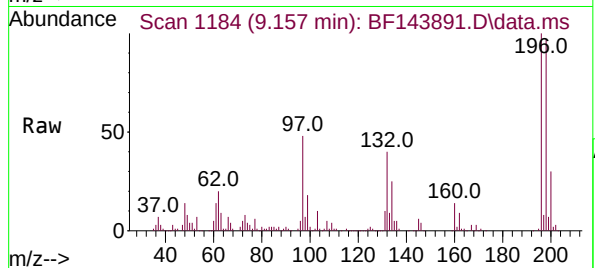
196 100

198 96.9 72.8 109.2

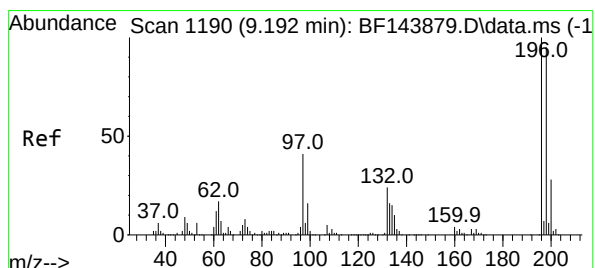
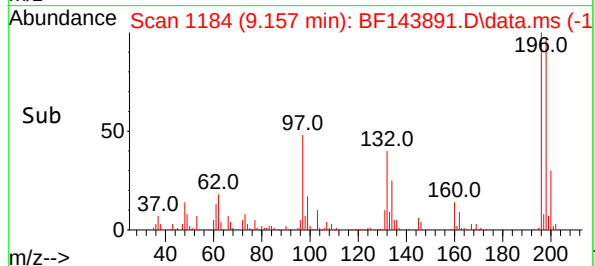
200 30.3 24.0 36.0

Manual Integrations

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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#44

2,4,5-Trichlorophenol

Concen: 45.034 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Tgt Ion:196 Resp: 287996

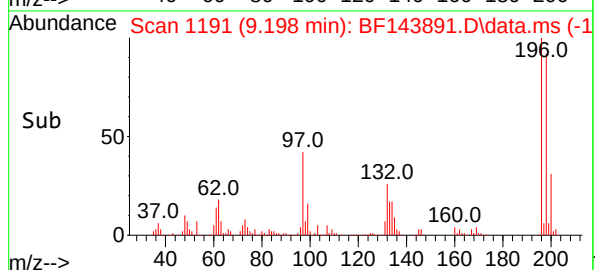
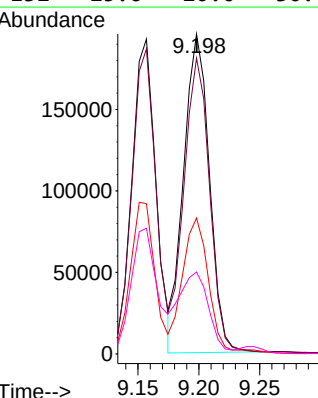
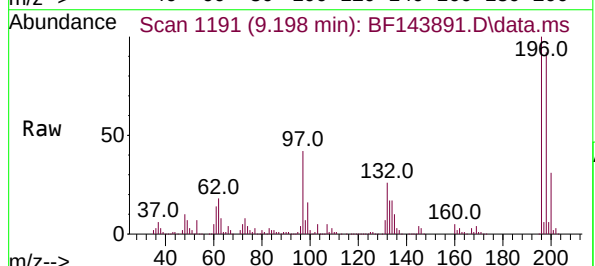
Ion Ratio Lower Upper

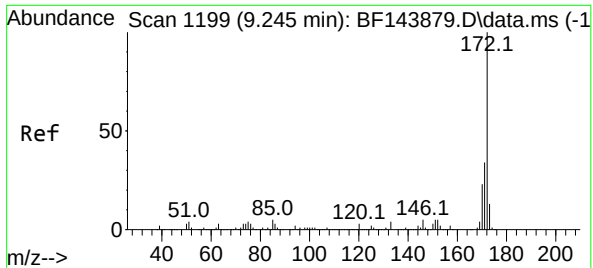
196 100

198 92.4 75.5 113.3

97 42.5 33.9 50.9

132 25.6 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 77.646 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:172 Resp: 1466366

Ion Ratio Lower Upper

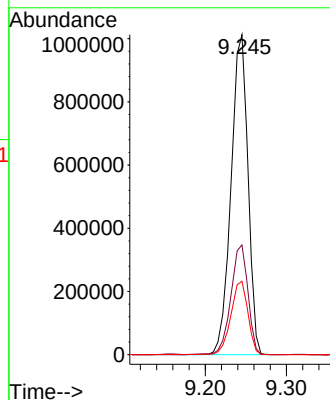
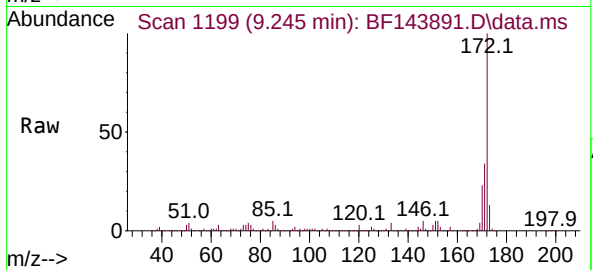
172 100

171 34.3 27.4 41.0

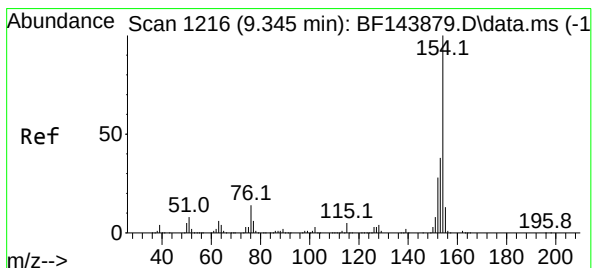
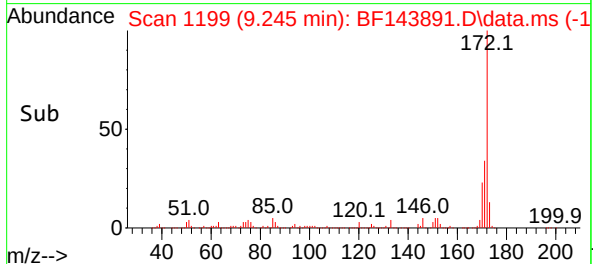
170 22.9 18.6 28.0

Manual Integrations

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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#46

1,1'-Biphenyl

Concen: 43.504 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

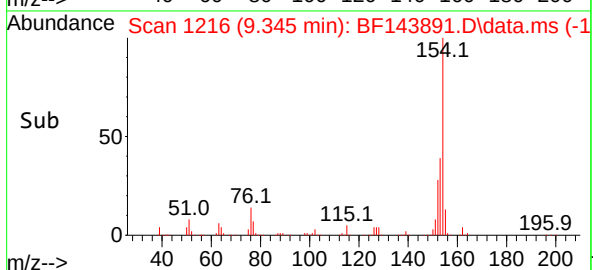
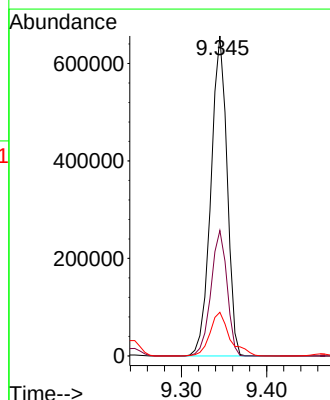
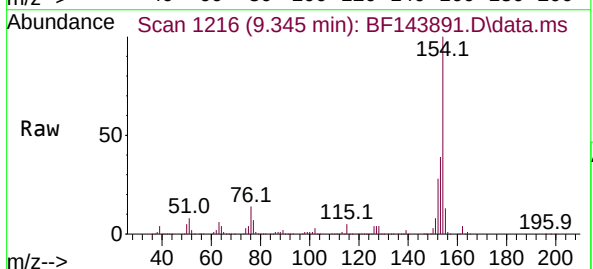
Tgt Ion:154 Resp: 863125

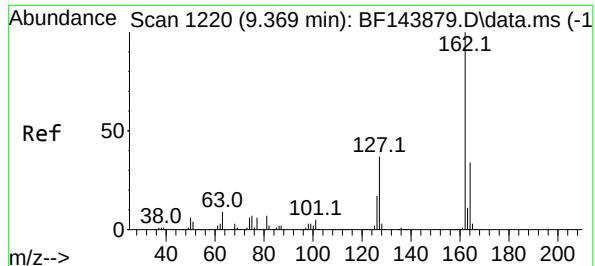
Ion Ratio Lower Upper

154 100

153 39.2 18.4 58.4

76 13.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 42.376 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:162 Resp: 700979

Ion Ratio Lower Upper

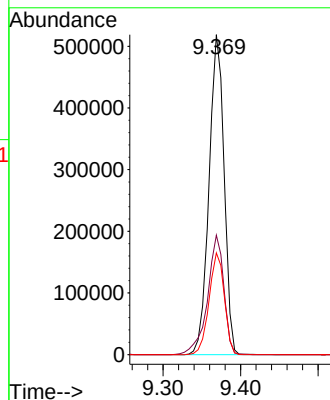
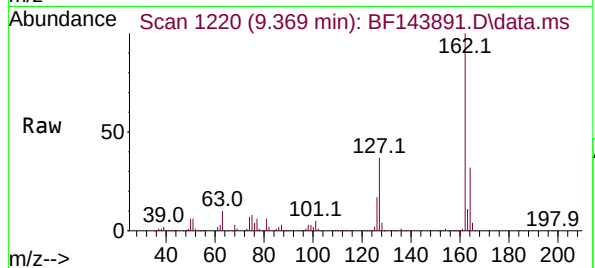
162 100

127 37.3 30.2 45.2

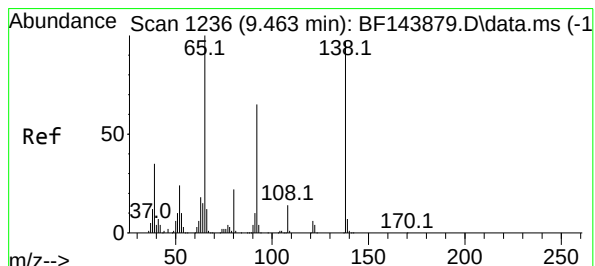
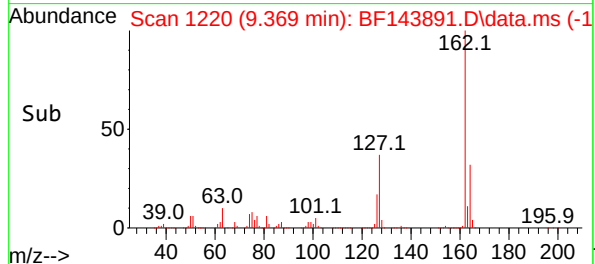
164 31.8 26.9 40.3

Manual Integrations

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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#48

2-Nitroaniline

Concen: 47.630 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

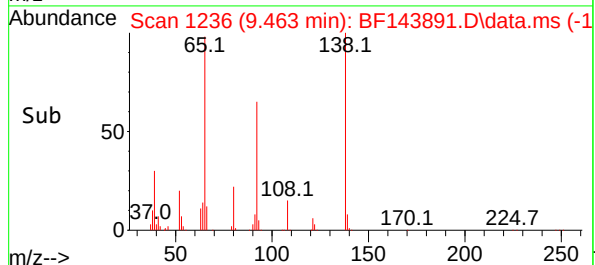
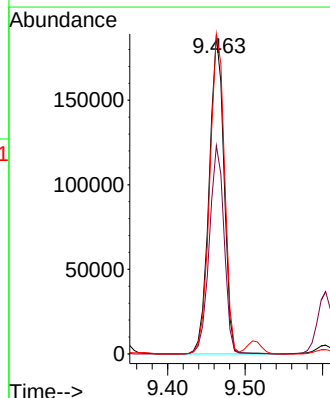
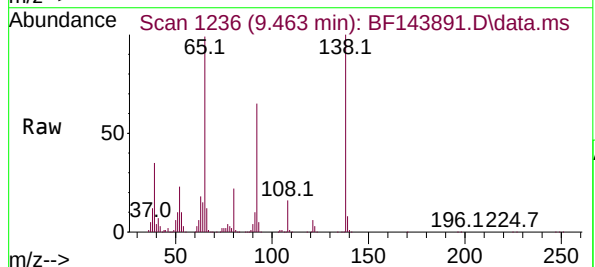
Tgt Ion: 65 Resp: 249100

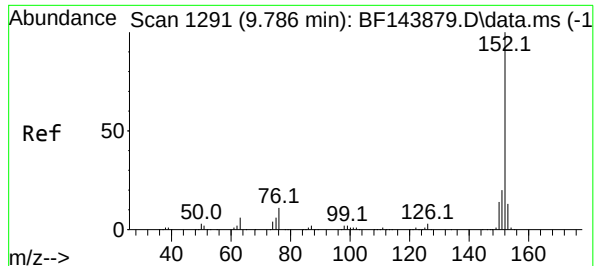
Ion Ratio Lower Upper

65 100

92 65.4 52.1 78.1

138 100.5 77.4 116.2





#49

Acenaphthylene

Concen: 47.822 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:152 Resp: 1112136

Ion Ratio Lower Upper

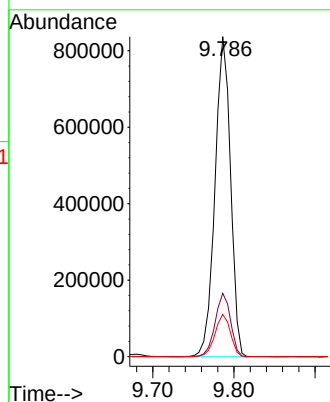
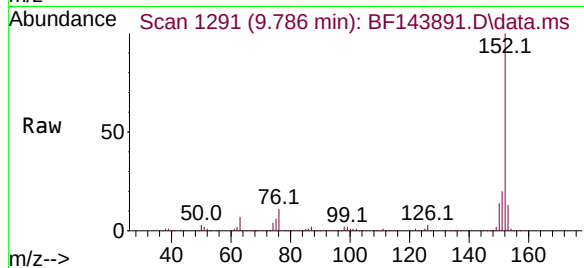
152 100

151 19.8 15.8 23.6

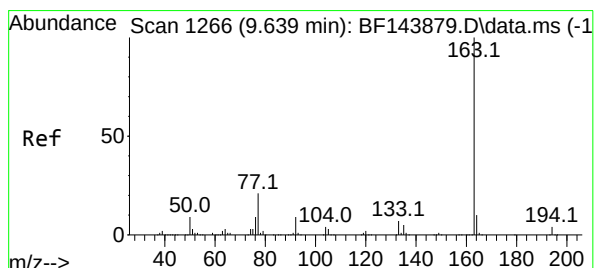
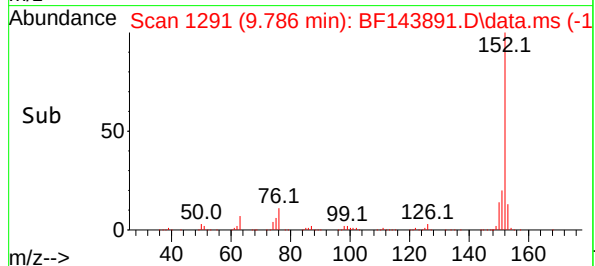
153 13.2 10.5 15.7

Manual Integrations

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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#50

Dimethylphthalate

Concen: 44.178 ng

RT: 9.645 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

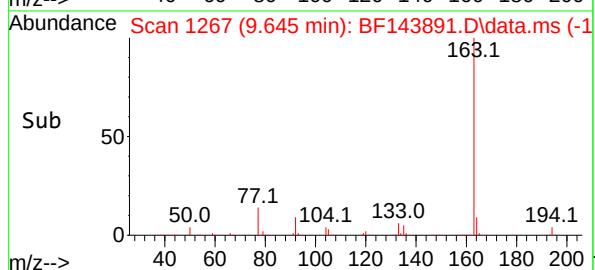
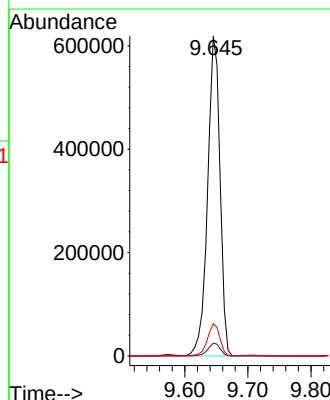
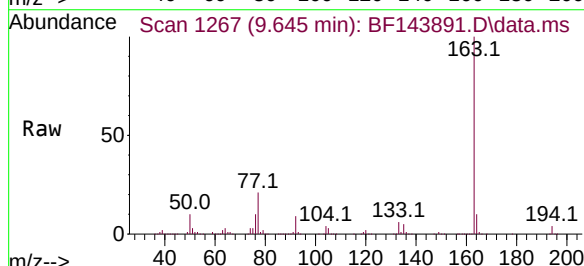
Tgt Ion:163 Resp: 840688

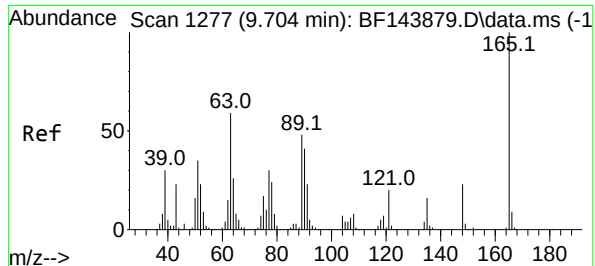
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.1 8.1 12.1





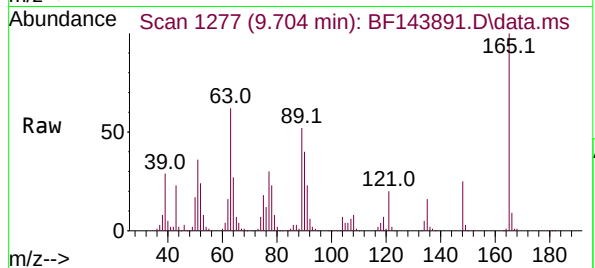
#51
2,6-Dinitrotoluene
Concen: 51.414 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

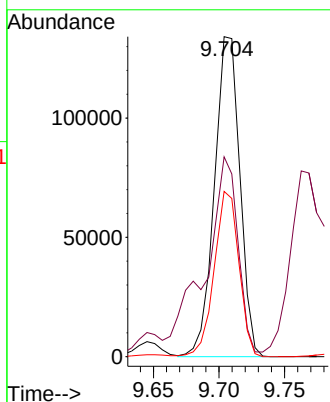
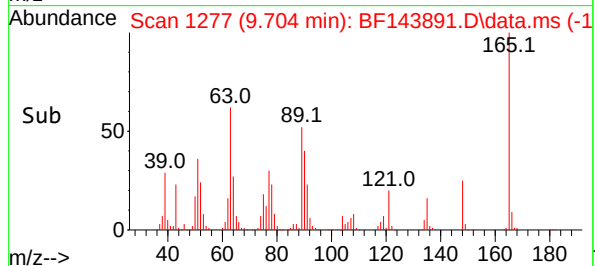
BNA_F

ClientSampleId :

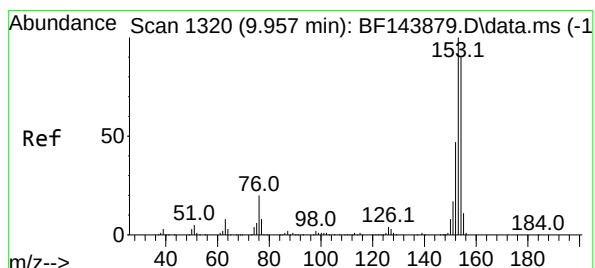
PB169953BS



Tgt Ion:165 Resp: 181426
Ion Ratio Lower Upper
165 100
63 62.4 47.3 70.9
89 51.6 38.2 57.4

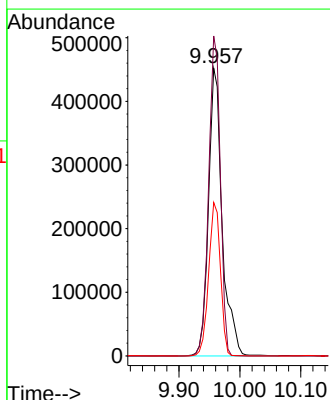
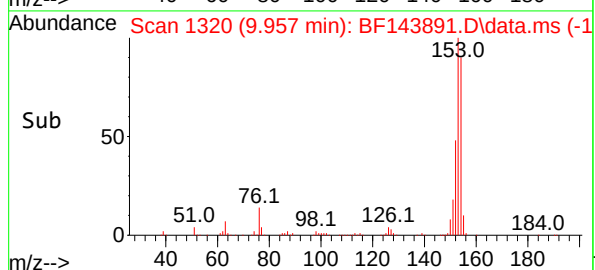
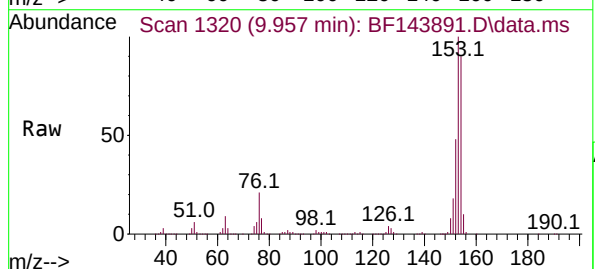
Manual Integrations
APPROVEDReviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

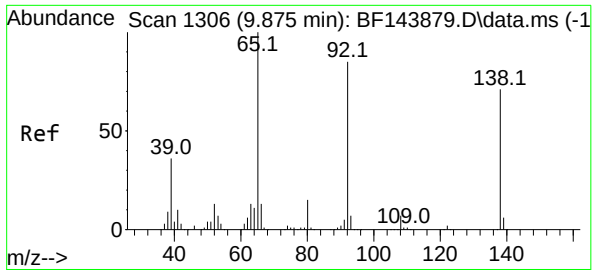
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#52
Acenaphthene
Concen: 46.367 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:154 Resp: 706559
Ion Ratio Lower Upper
154 100
153 111.3 89.3 133.9
152 53.3 42.2 63.2





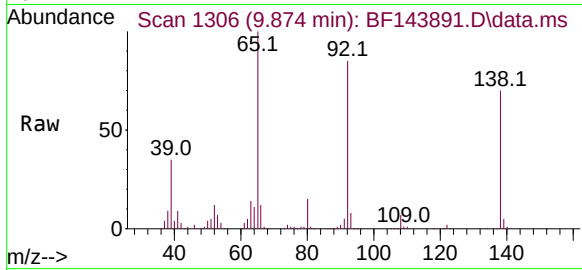
#53
3-Nitroaniline
Concen: 35.234 ng
RT: 9.874 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

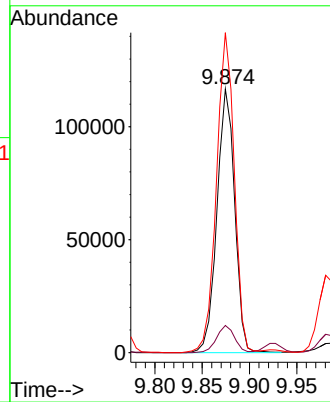
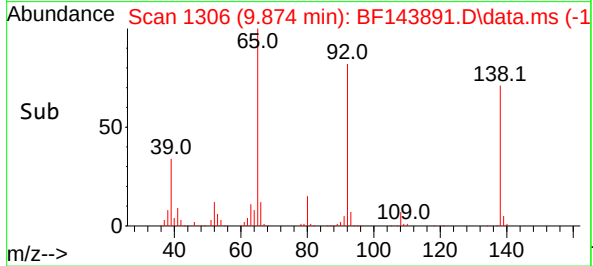
PB169953BS



Tgt Ion:138 Resp: 152238
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 121.4 96.2 144.2

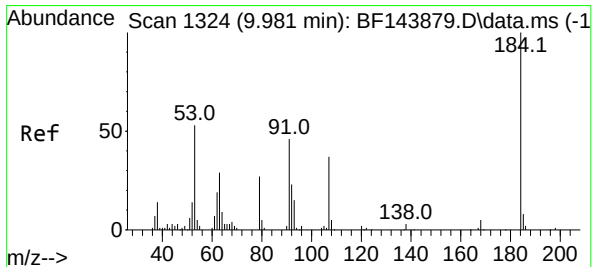
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Chavli

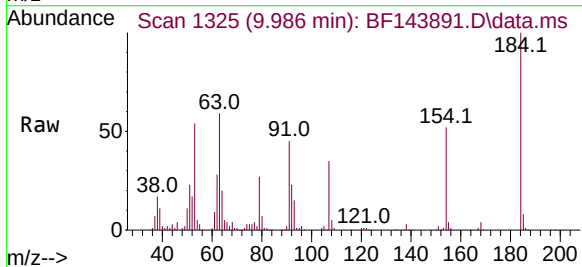


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Upadhyay

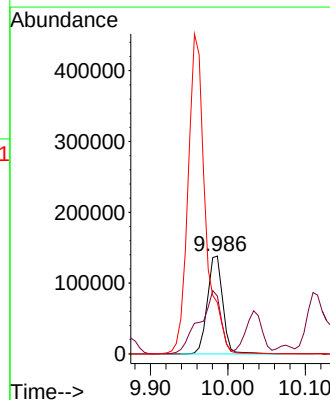
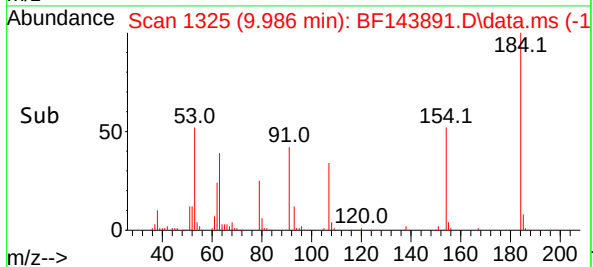
10/09/2025

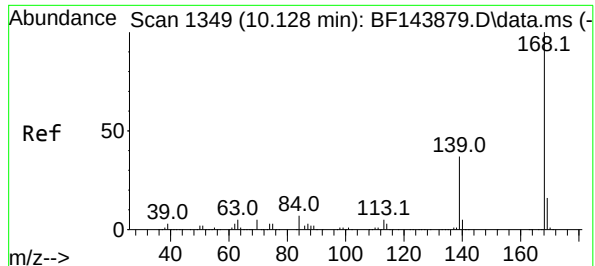


#54
2,4-Dinitrophenol
Concen: 86.683 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:184 Resp: 190058
Ion Ratio Lower Upper
184 100
63 59.1 48.2 72.4
154 52.4 49.2 73.8





#55

Dibenzenofuran

Concen: 43.151 ng

RT: 10.133 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:168 Resp: 928228

Ion Ratio Lower Upper

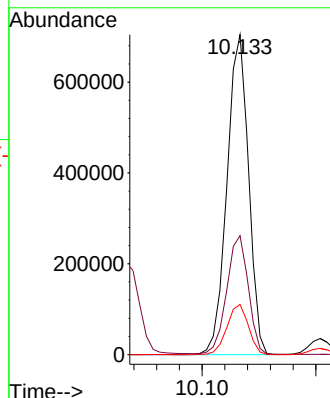
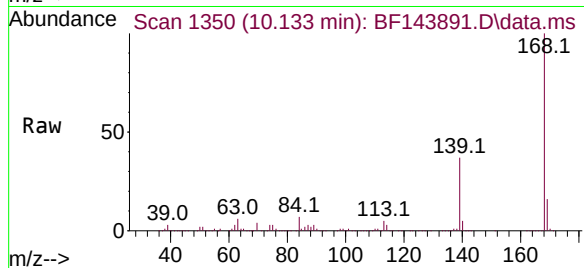
168 100

139 37.2 29.8 44.8

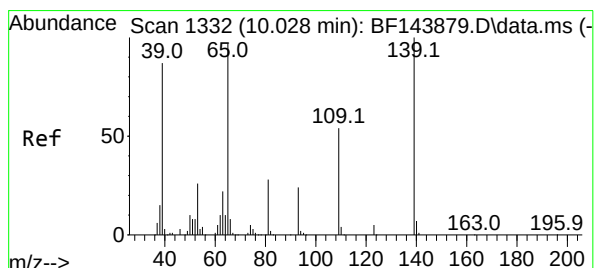
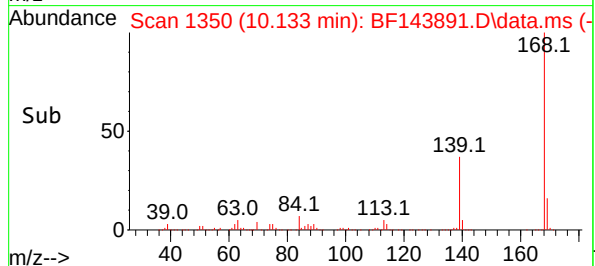
169 15.7 12.8 19.2

Manual Integrations

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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#56

4-Nitrophenol

Concen: 92.341 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

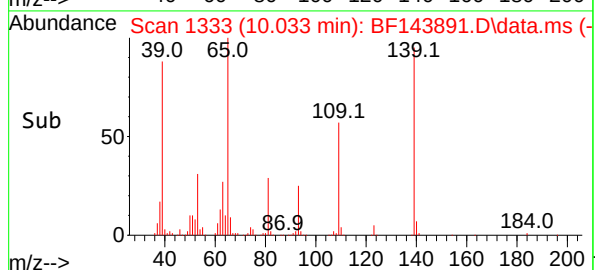
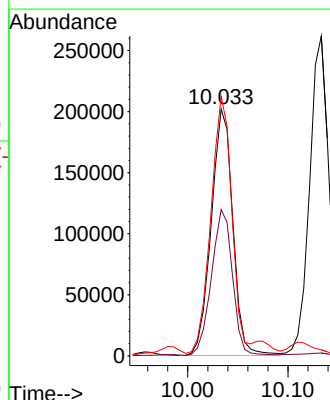
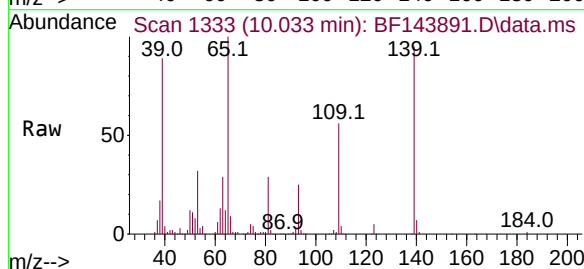
Tgt Ion:139 Resp: 302094

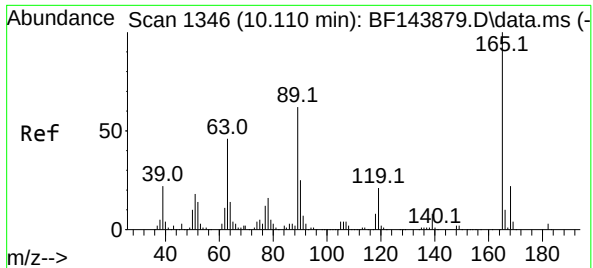
Ion Ratio Lower Upper

139 100

109 59.3 34.5 74.5

65 105.2 77.6 117.6





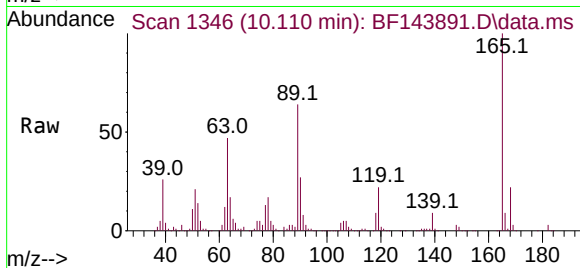
#57
2,4-Dinitrotoluene
Concen: 51.545 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

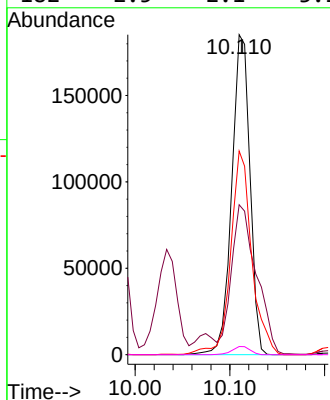
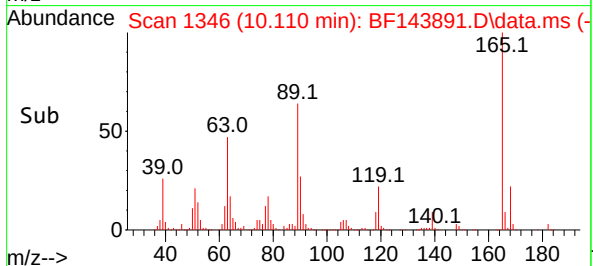
BNA_F

ClientSampleId :

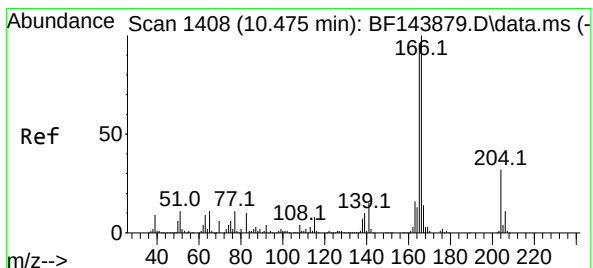
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Tgt Ion:165 Resp: 247482
Ion Ratio Lower Upper
165 100
63 46.8 37.2 55.8
89 63.6 49.4 74.2
182 2.5 2.1 3.1

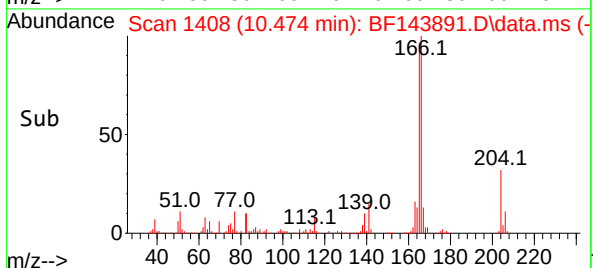
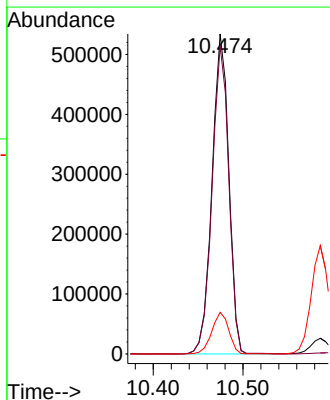
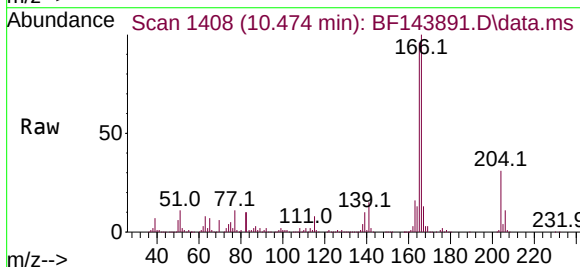
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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

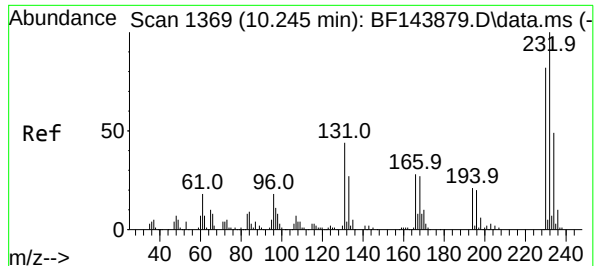
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#58
Fluorene
Concen: 42.819 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:166 Resp: 695018
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.6
167 13.0 11.1 16.7





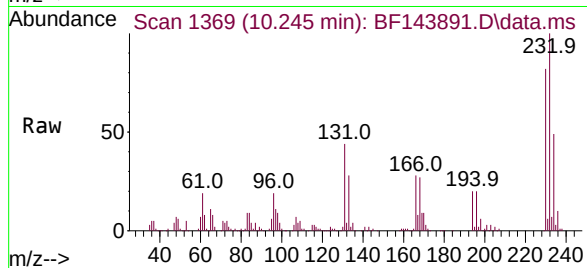
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.469 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

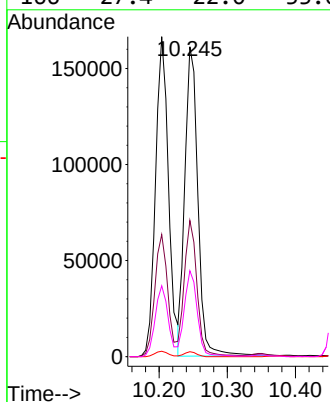
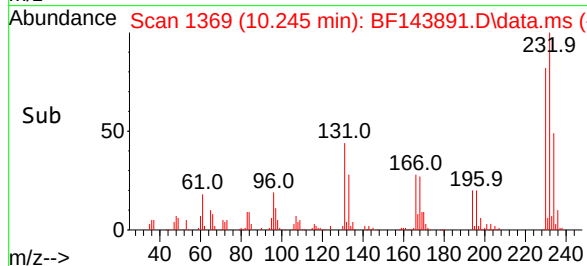
BNA_F

ClientSampleId :

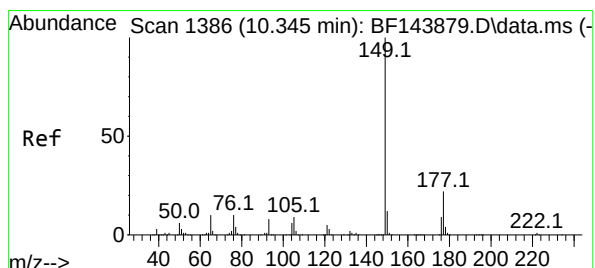
PB169953BS



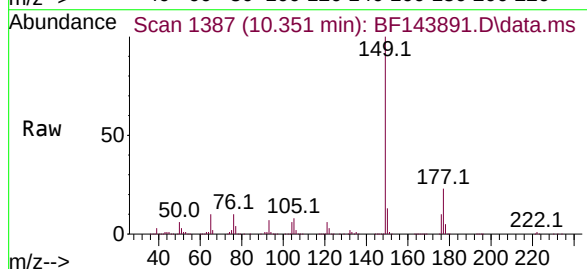
Tgt Ion:232 Resp: 214889
Ion Ratio Lower Upper
232 100
131 43.9 34.9 52.3
130 1.5 1.6 2.4
166 27.4 22.0 33.0

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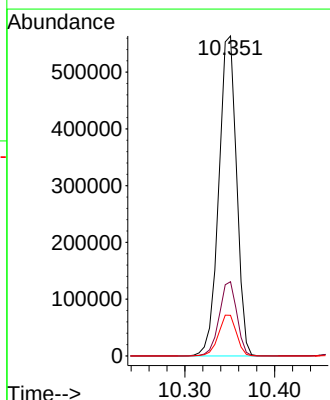
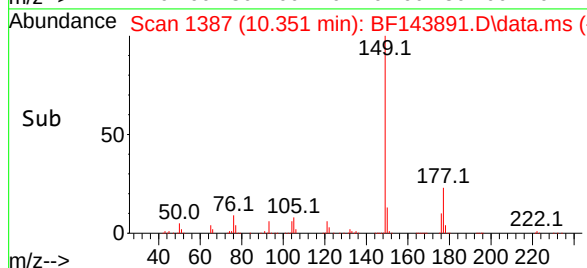
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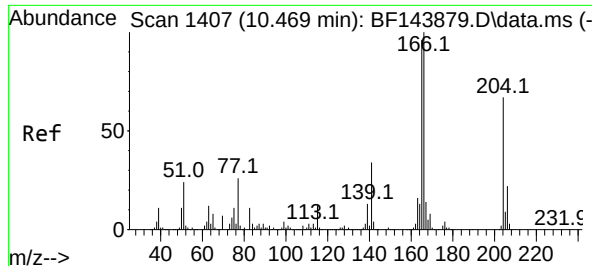


#60
Diethylphthalate
Concen: 44.064 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



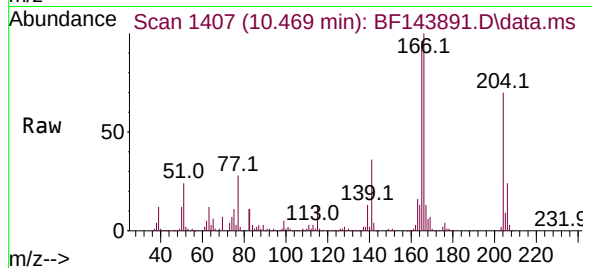
Tgt Ion:149 Resp: 778998
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 42.132 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

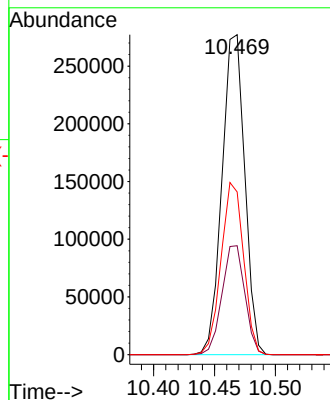
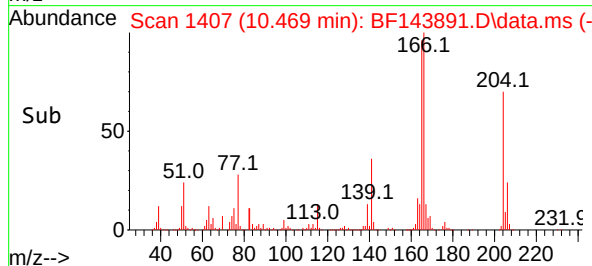
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:204 Resp: 36155
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 50.8 40.4 60.6

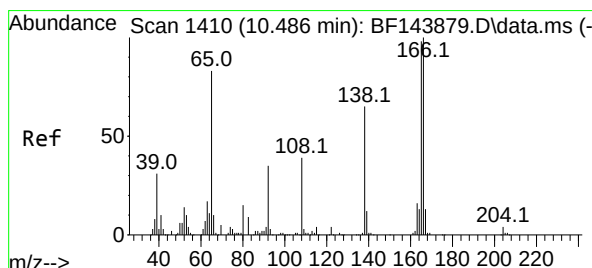
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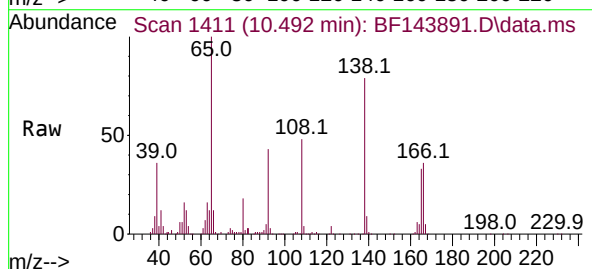


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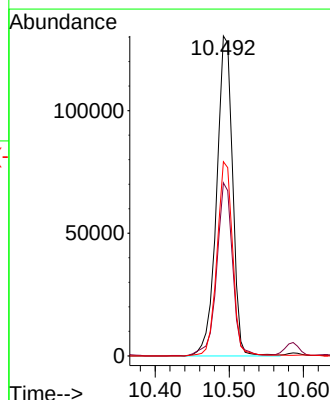
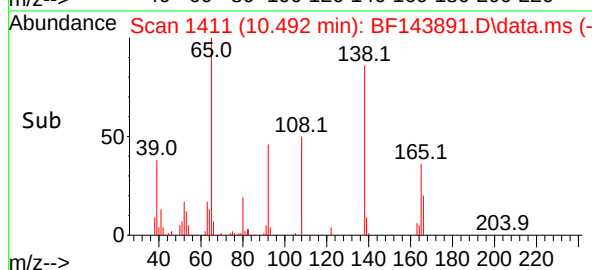
10/09/2025

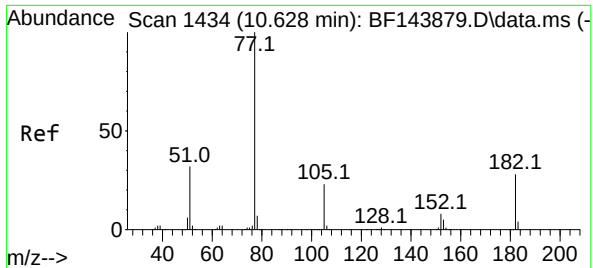


#62
4-Nitroaniline
Concen: 47.143 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.018 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



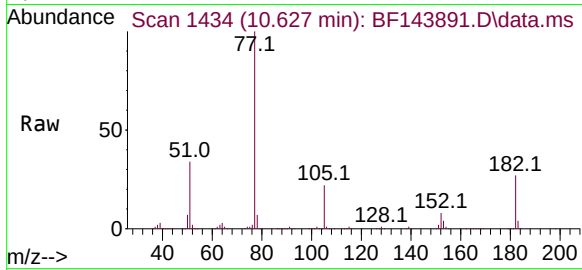
Tgt Ion:138 Resp: 195874
Ion Ratio Lower Upper
138 100
92 54.1 33.9 73.9
108 60.7 40.2 80.2





#63
Azobenzene
Concen: 44.929 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

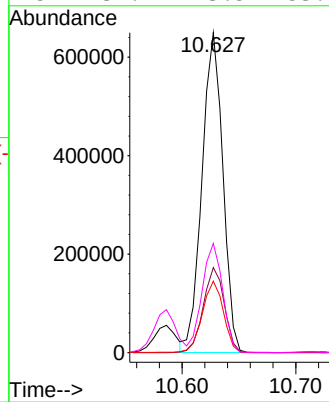
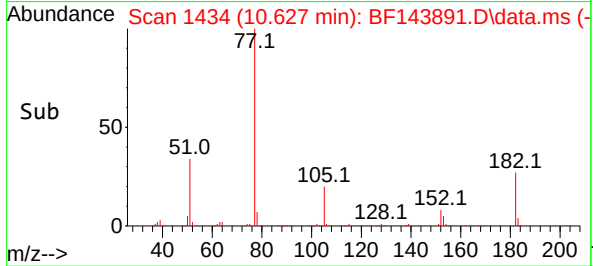
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 830143
Ion Ratio Lower Upper
77 100
182 26.6 7.3 47.3
105 22.3 3.0 43.0
51 34.1 13.5 53.5

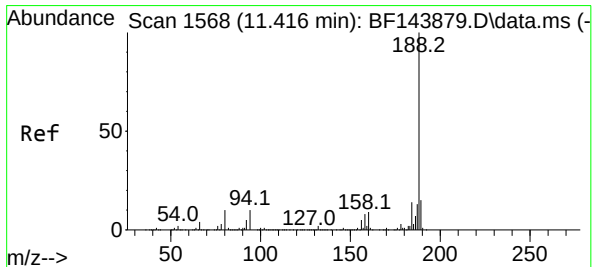
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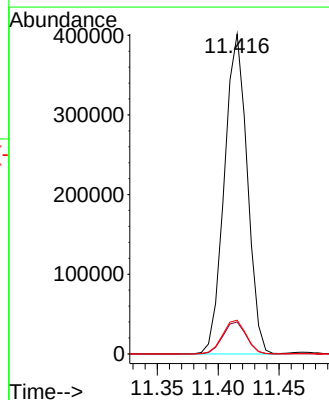
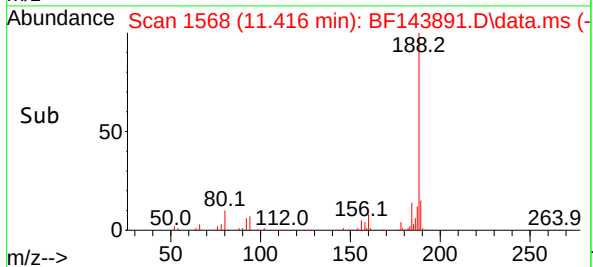
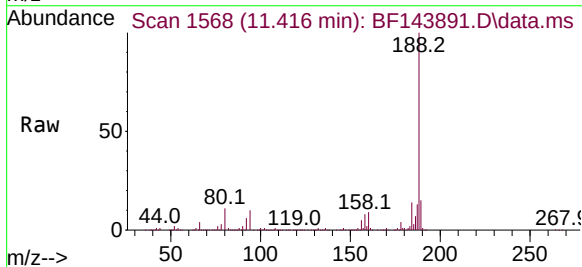
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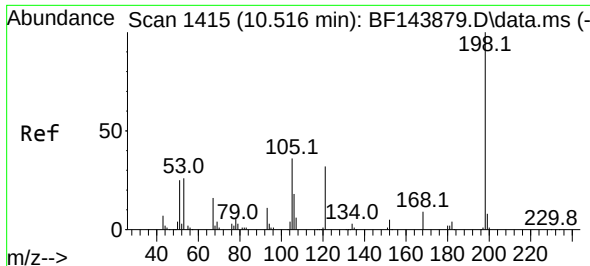
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

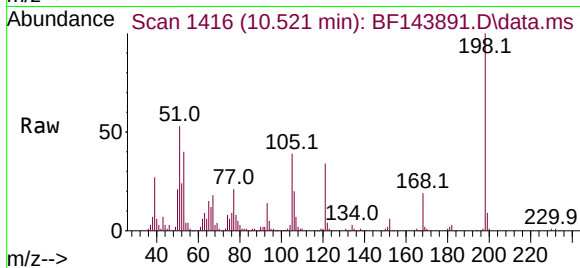
Tgt Ion:188 Resp: 525088
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.5 7.9 11.9





#65
4,6-Dinitro-2-methylphenol
Concen: 49.015 ng
RT: 10.521 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

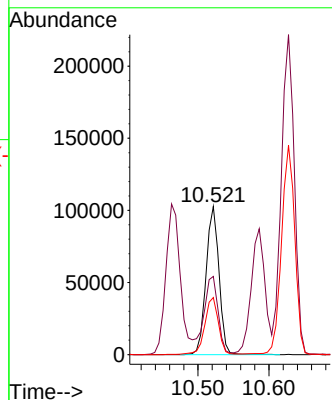
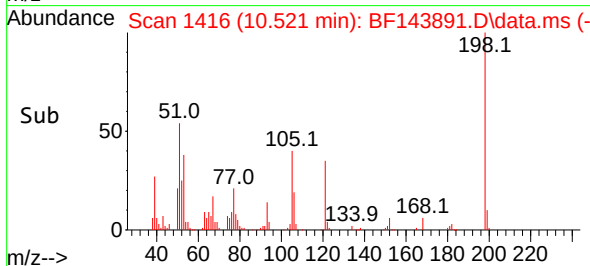
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:198 Resp: 129335
Ion Ratio Lower Upper
198 100
51 52.8 33.8 73.8
105 38.5 17.0 57.0

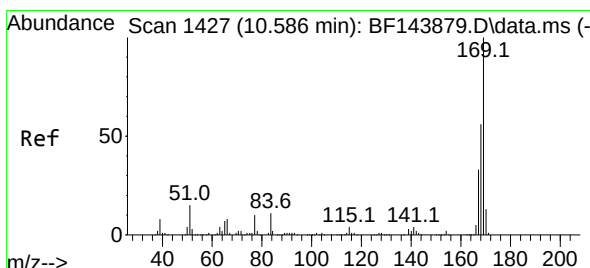
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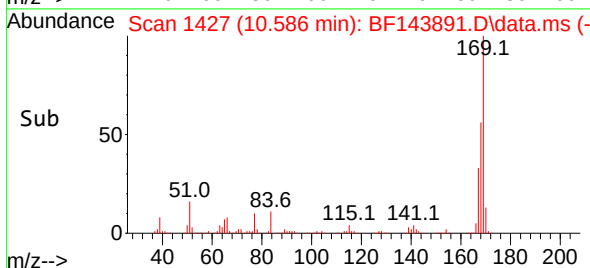
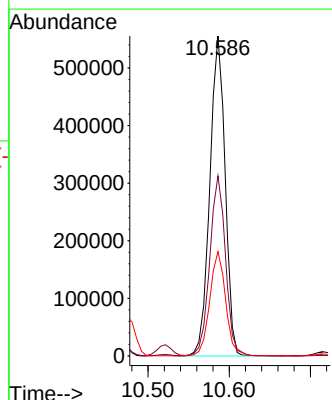
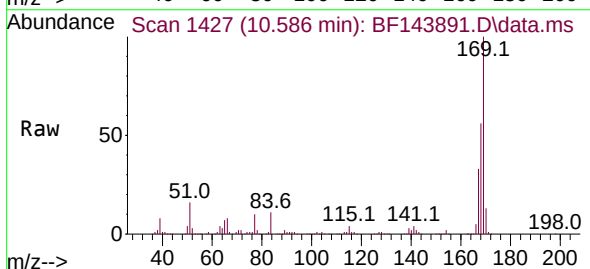
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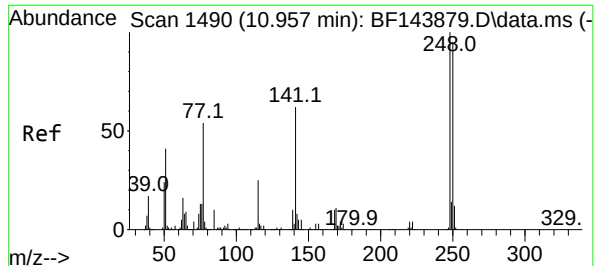
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#66
n-Nitrosodiphenylamine
Concen: 44.262 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

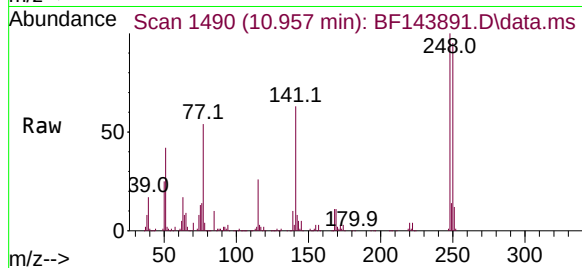
Tgt Ion:169 Resp: 729765
Ion Ratio Lower Upper
169 100
168 56.3 44.9 67.3
167 32.6 26.3 39.5





#67
4-Bromophenyl-phenylether
Concen: 43.298 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

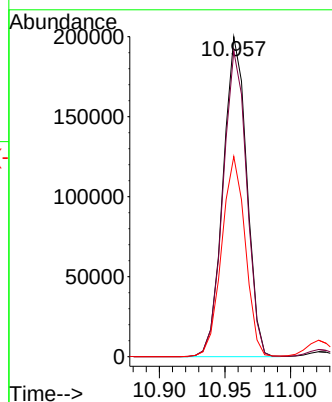
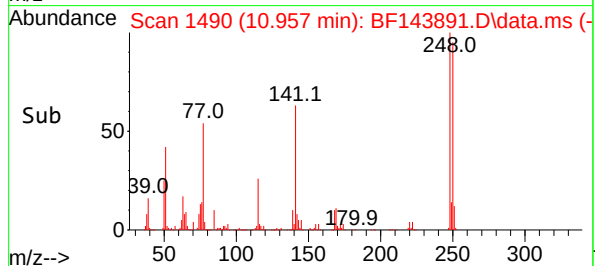
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:248 Resp: 251258
Ion Ratio Lower Upper
248 100
250 95.5 76.3 114.5
141 62.5 49.7 74.5

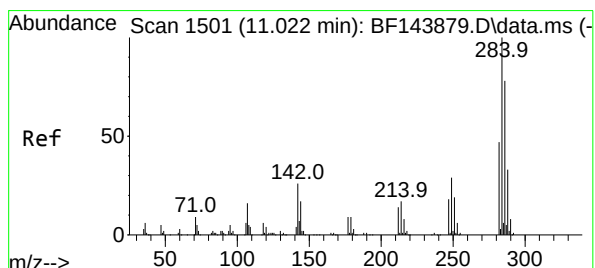
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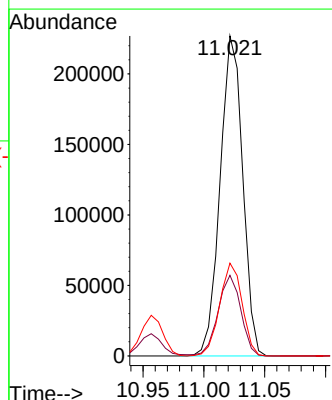
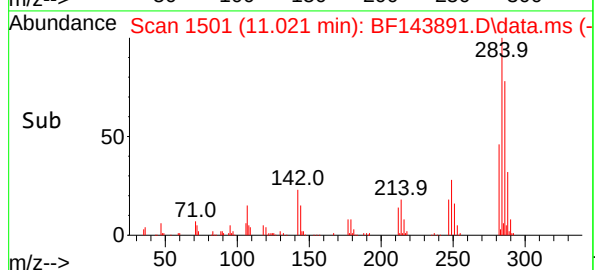
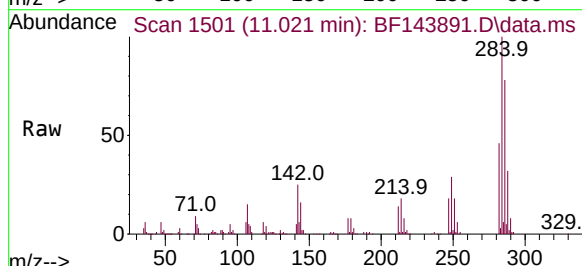
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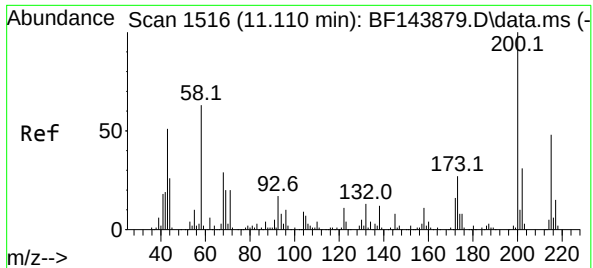
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#68
Hexachlorobenzene
Concen: 43.650 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:284 Resp: 293252
Ion Ratio Lower Upper
284 100
142 25.2 20.6 30.8
249 29.0 23.2 34.8





#69

Atrazine

Concen: 43.932 ng

RT: 11.116 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:200 Resp: 219539

Ion Ratio Lower Upper

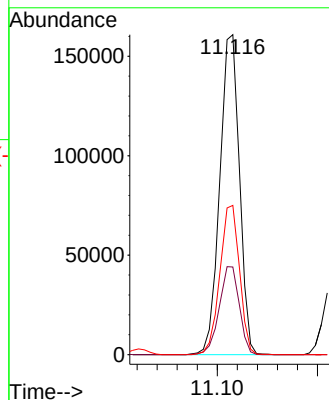
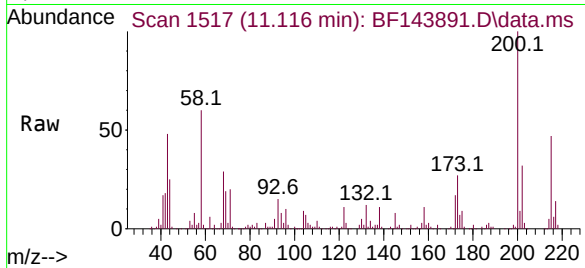
200 100

173 27.4 7.0 47.0

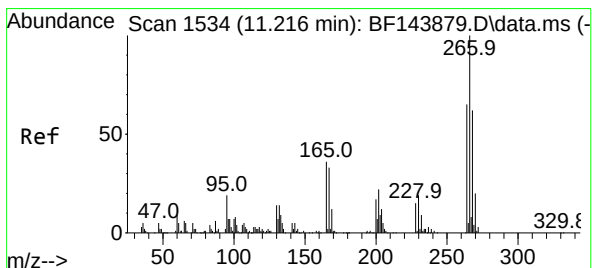
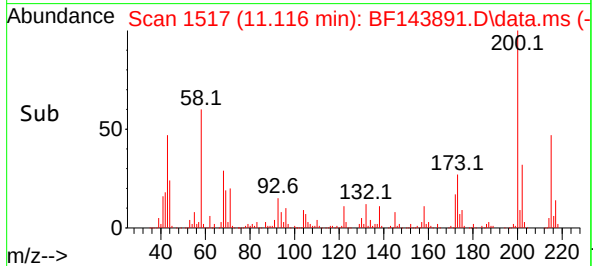
215 46.6 27.8 67.8

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Upadhyay

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#70

Pentachlorophenol

Concen: 92.110 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

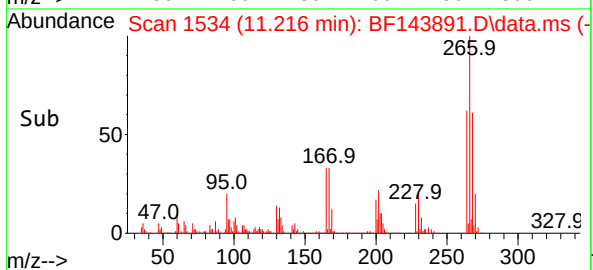
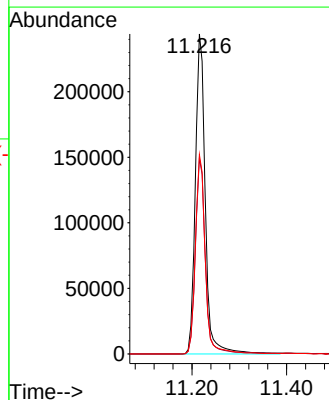
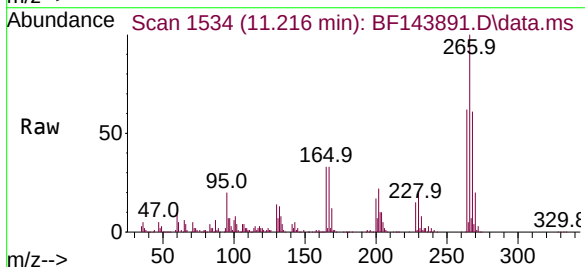
Tgt Ion:266 Resp: 355404

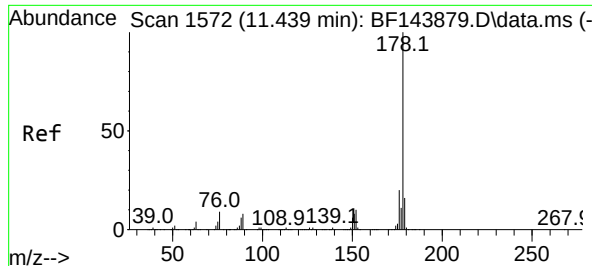
Ion Ratio Lower Upper

266 100

268 61.2 49.4 74.0

264 62.3 51.8 77.6





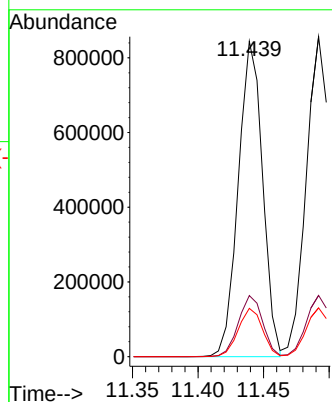
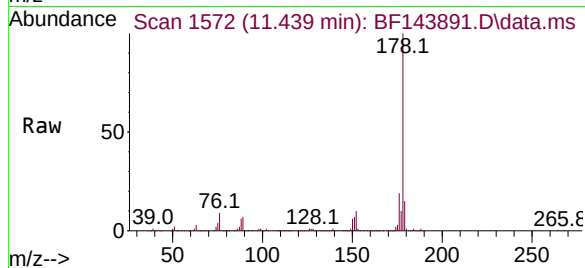
#71
Phenanthrene
Concen: 42.703 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :
BNA_F
ClientSampleId :
PB169953BS

Tgt Ion:178 Resp: 1087062
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.3 12.4 18.6

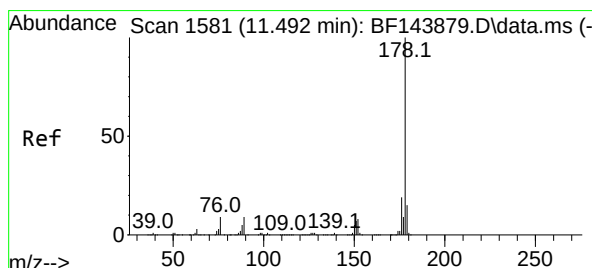
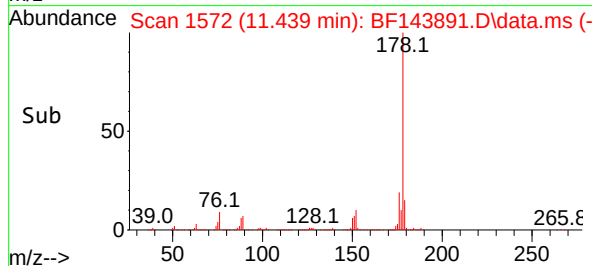
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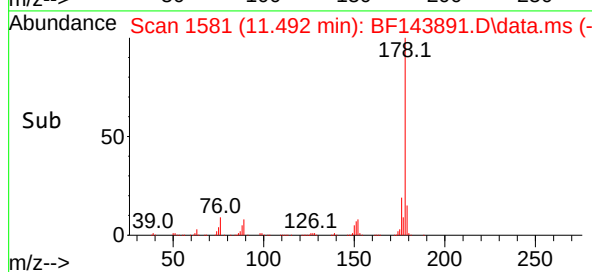
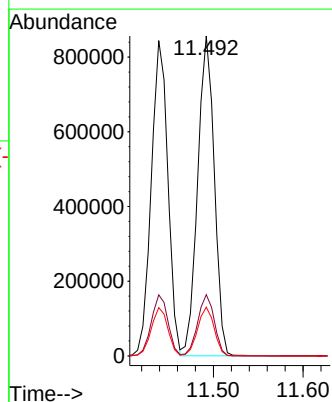
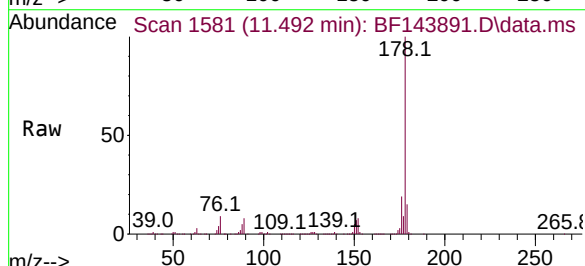
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Upadhyay

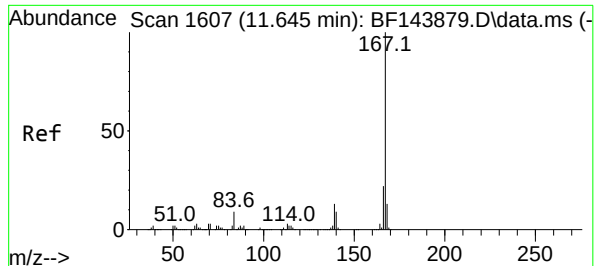
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#72
Anthracene
Concen: 42.868 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:178 Resp: 1102433
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.2 12.2 18.2





#73

Carbazole

Concen: 43.519 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:167 Resp: 991218

Ion Ratio Lower Upper

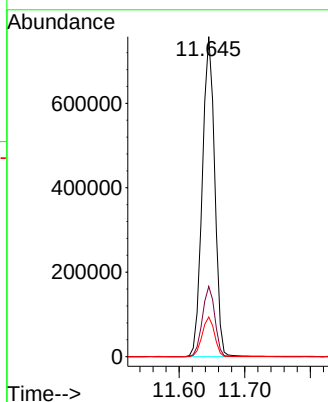
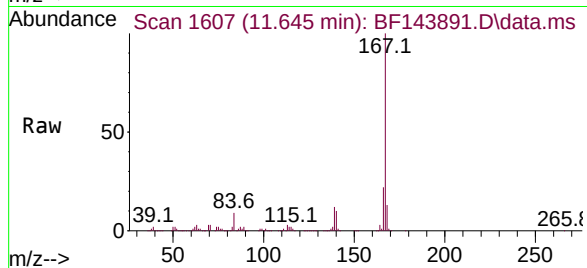
167 100

166 21.9 17.2 25.8

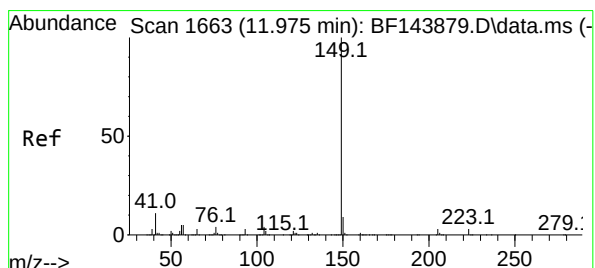
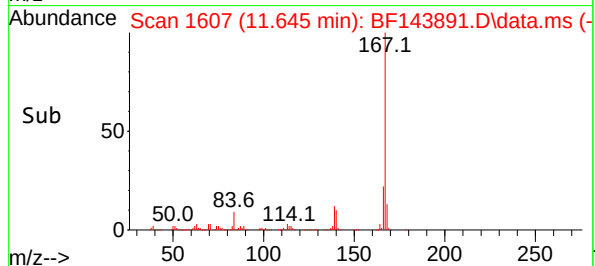
139 12.4 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

10/09/2025



#74

Di-n-butylphthalate

Concen: 46.303 ng

RT: 11.974 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

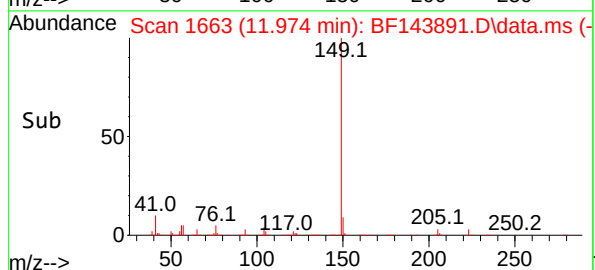
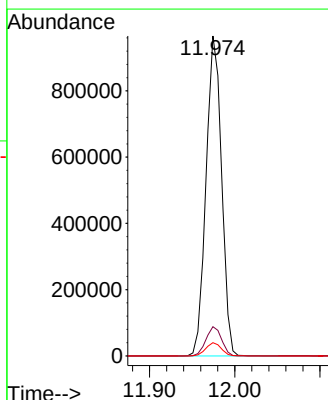
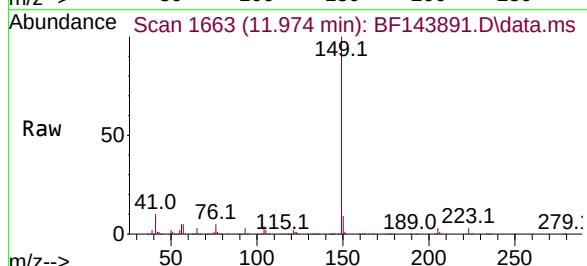
Tgt Ion:149 Resp: 1222278

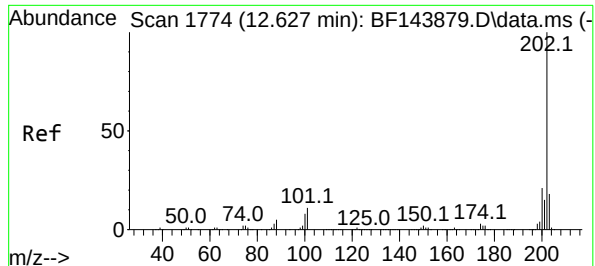
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.1 3.4 5.2





#75

Fluoranthene

Concen: 44.644 ng

RT: 12.633 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:202 Resp: 1173900

Ion Ratio Lower Upper

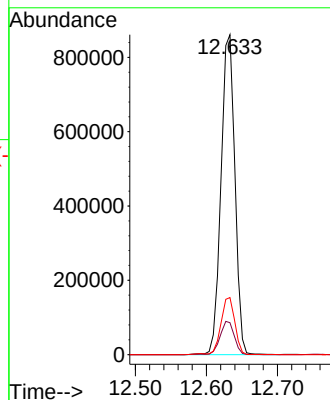
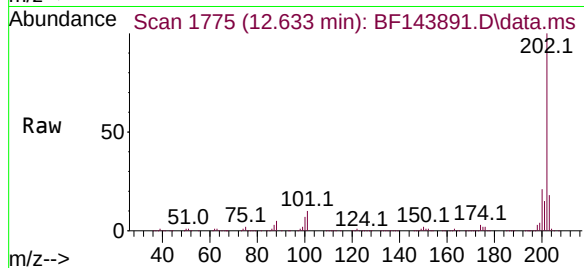
202 100

101 10.0 0.0 30.7

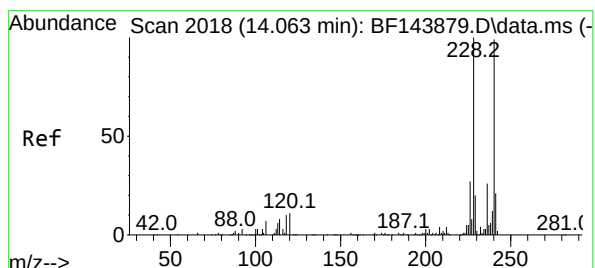
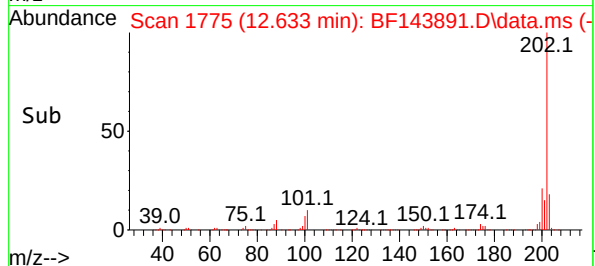
203 17.8 0.0 37.8

Manual Integrations

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Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

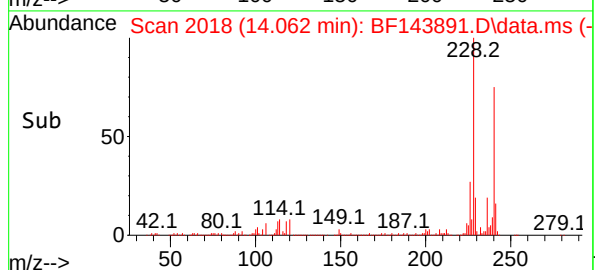
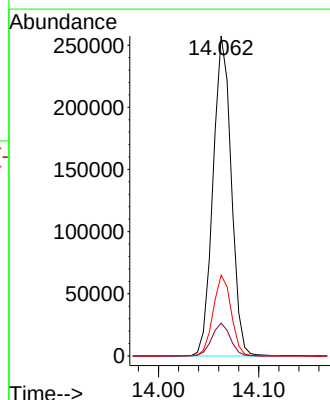
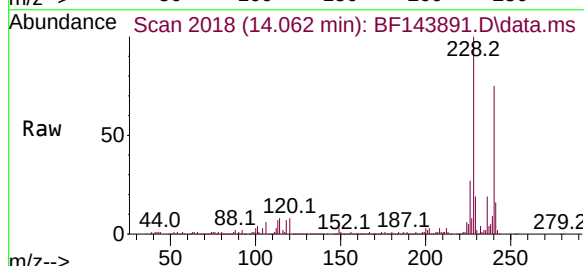
Tgt Ion:240 Resp: 325733

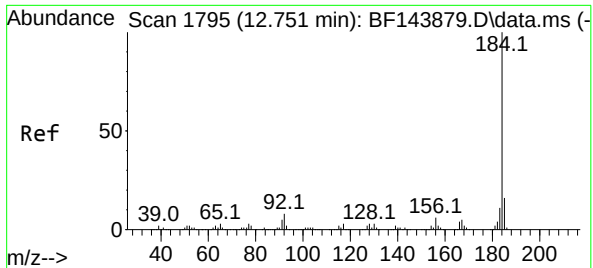
Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

236 25.2 21.1 31.7





#77

Benzidine

Concen: 23.698 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

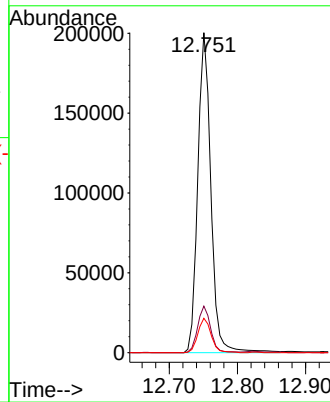
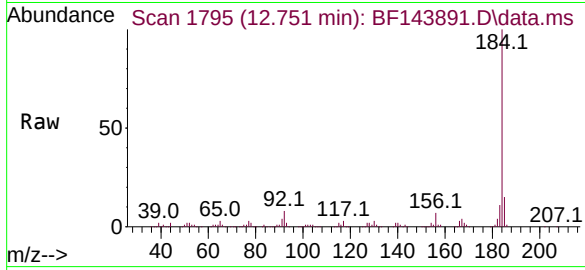
Instrument :

BNA_F

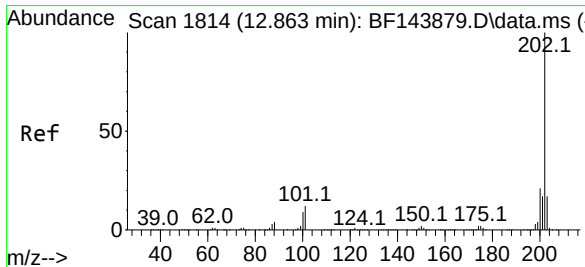
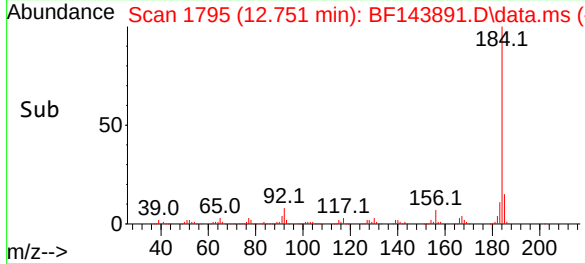
ClientSampleId :

PB169953BS

Tgt Ion:	184	Resp:	268029
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	10.7	8.8	13.2

Manual Integrations
APPROVEDReviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#78

Pyrene

Concen: 44.006 ng

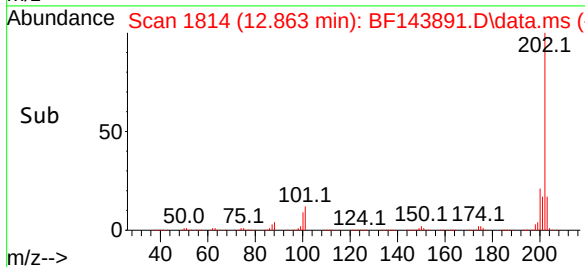
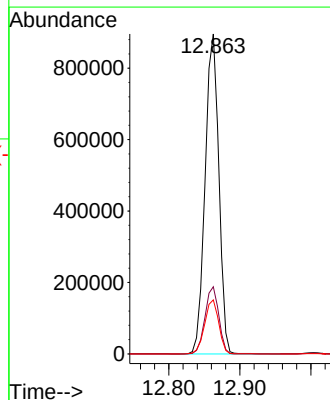
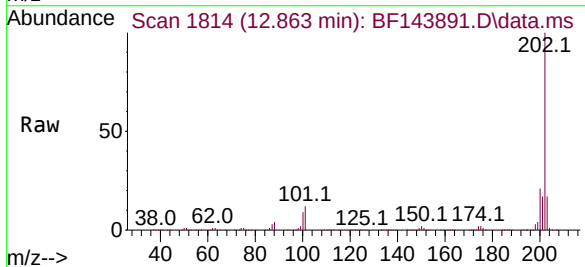
RT: 12.863 min Scan# 1814

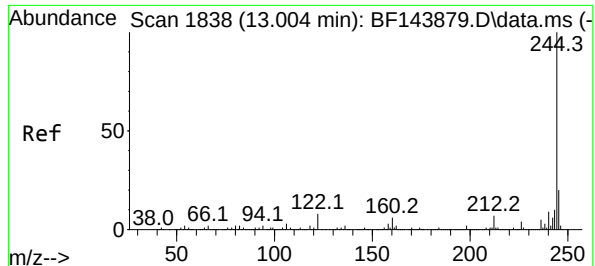
Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

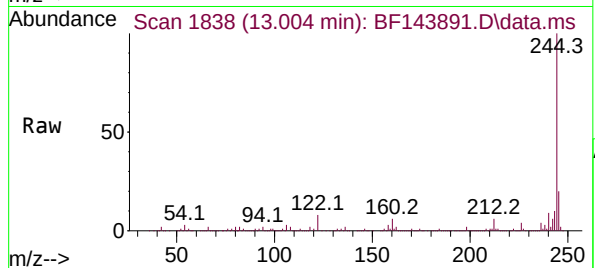
Tgt Ion:	202	Resp:	1195036
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.6
203	16.9	13.8	20.6





#79
Terphenyl-d14
Concen: 86.390 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

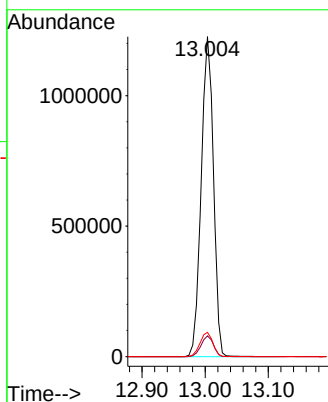
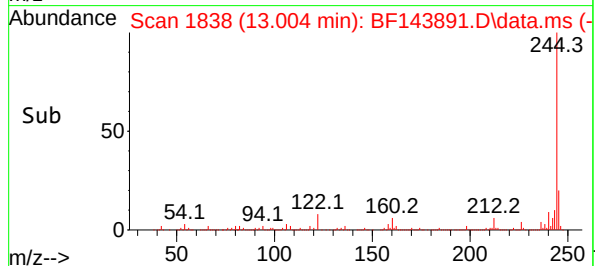
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:244 Resp: 1646507
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 7.6 6.4 9.6

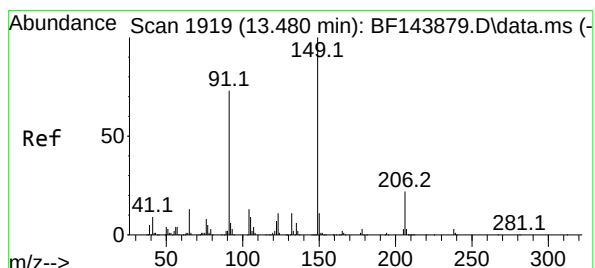
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Reviewed By :Rahul
Chavli



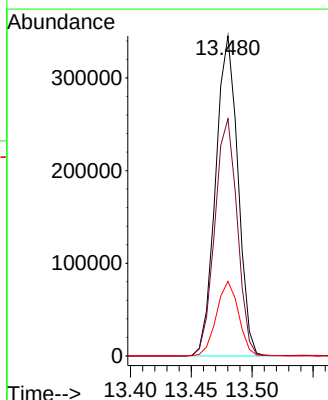
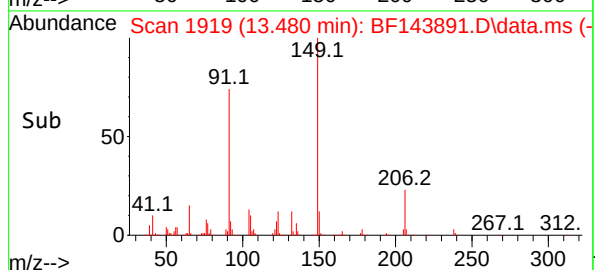
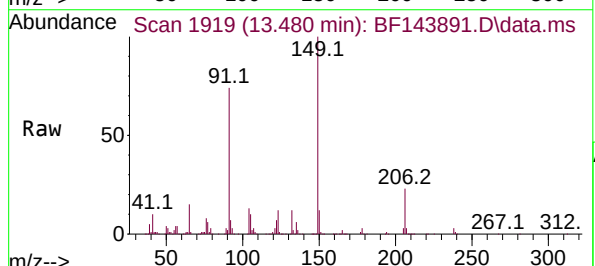
10/09/2025
Supervised By :Jagrut
Upadhyay

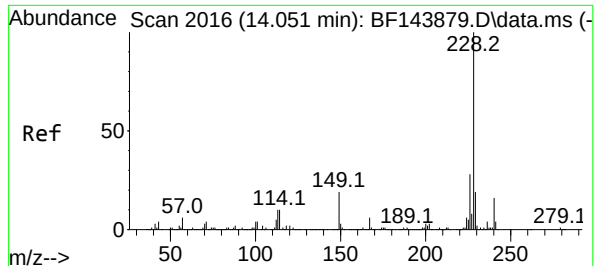
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#80
Butylbenzylphthalate
Concen: 49.967 ng
RT: 13.480 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Tgt Ion:149 Resp: 440678
Ion Ratio Lower Upper
149 100
91 74.1 58.2 87.2
206 23.3 17.9 26.9





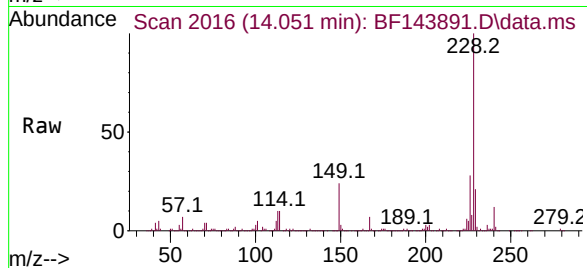
#81
Benzo(a)anthracene
Concen: 43.312 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

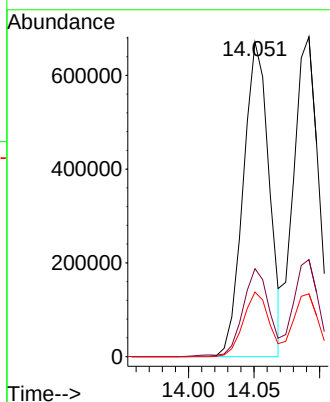
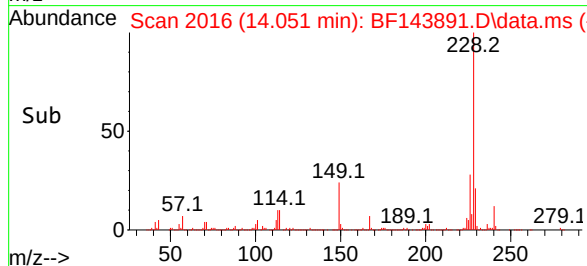
BNA_F

ClientSampleId :

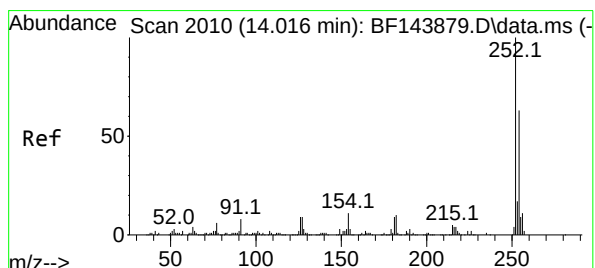
PB169953BS



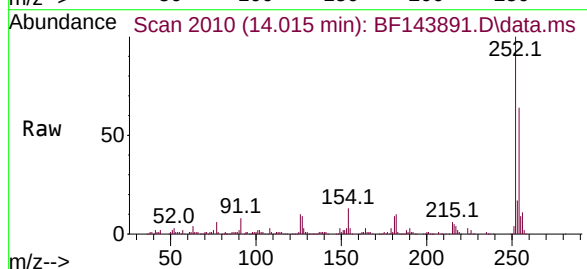
Tgt Ion:228 Resp: 923240
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 20.6 15.6 23.4

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Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

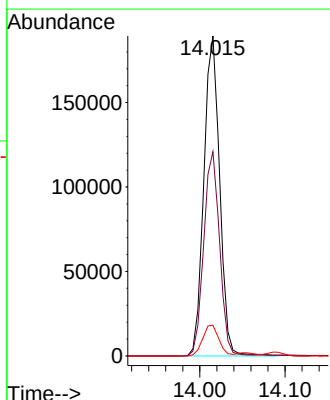
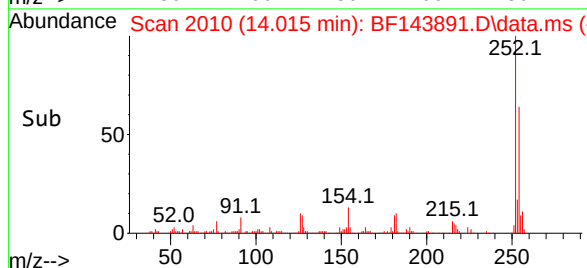
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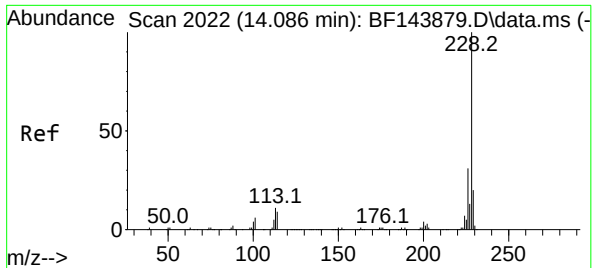


#82
3,3'-Dichlorobenzidine
Concen: 37.570 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:252 Resp: 244058
Ion Ratio Lower Upper
252 100
254 63.8 50.6 76.0
126 9.6 7.0 10.6





#83

Chrysene

Concen: 45.466 ng

RT: 14.092 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:228 Resp: 896979

Ion Ratio Lower Upper

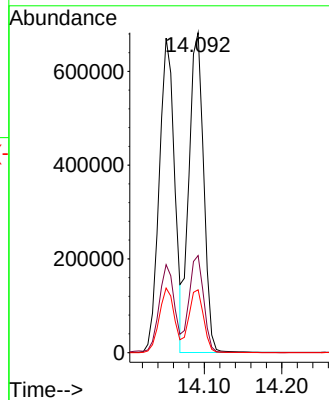
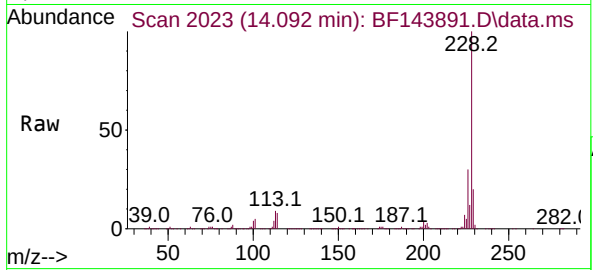
228 100

226 30.3 24.4 36.6

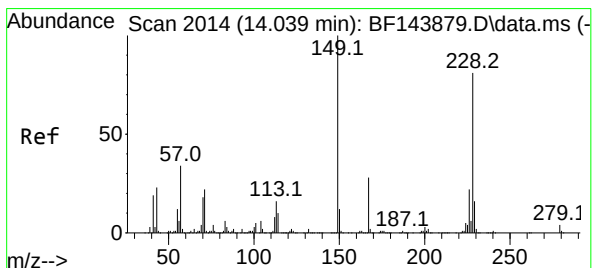
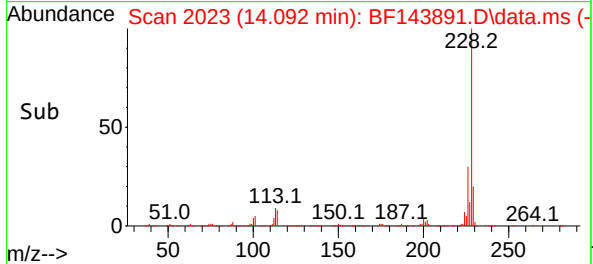
229 19.6 15.9 23.9

Manual Integrations

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Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#84

Bis(2-ethylhexyl)phthalate

Concen: 50.001 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

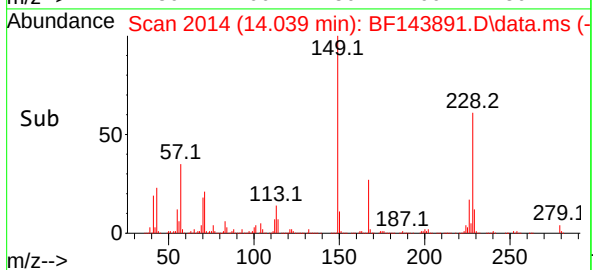
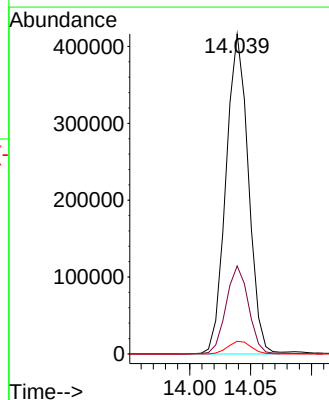
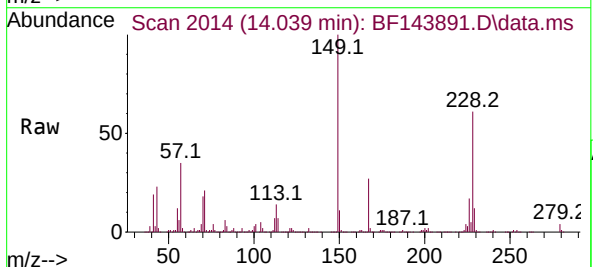
Tgt Ion:149 Resp: 531572

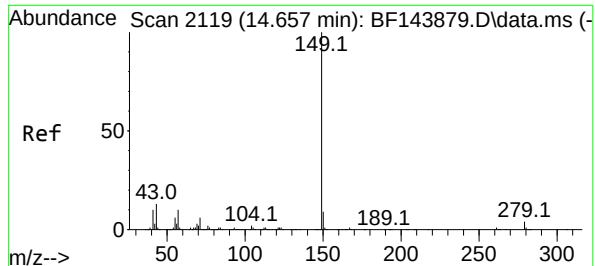
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

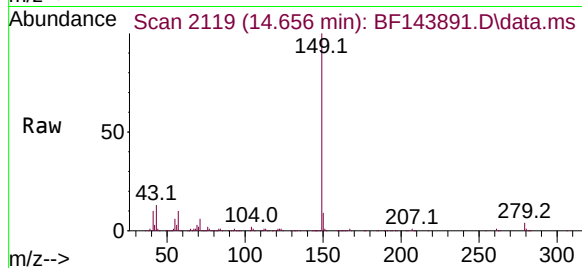
279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 48.013 ng
RT: 14.656 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

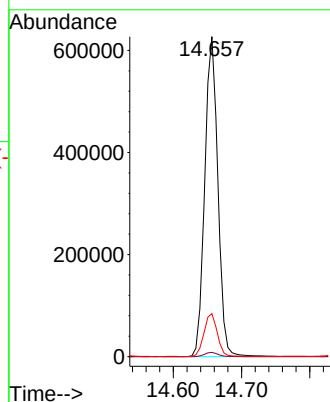
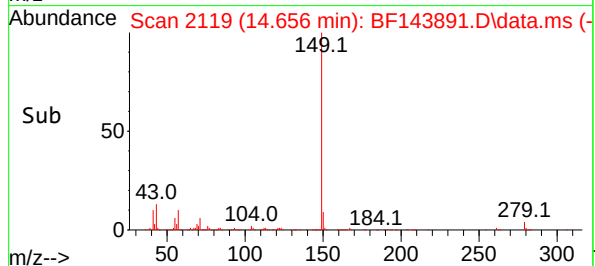
Instrument :
BNA_F
ClientSampleId :
PB169953BS



Tgt Ion:149 Resp: 838370
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.7 11.0 16.4

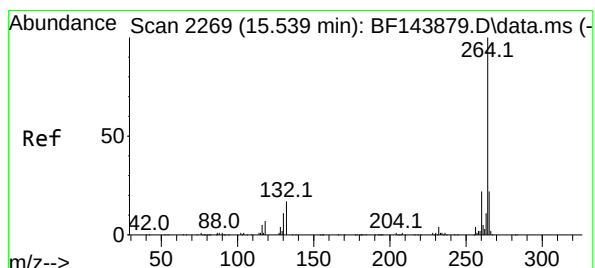
Manual Integrations
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Chavli

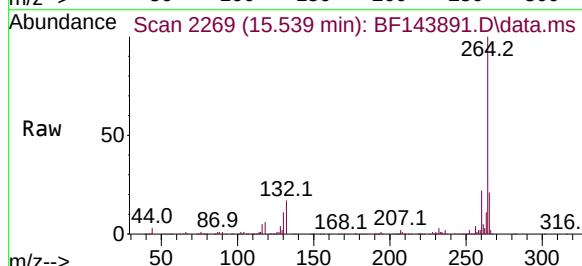


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Supervised By :Jagrut
Upadhyay

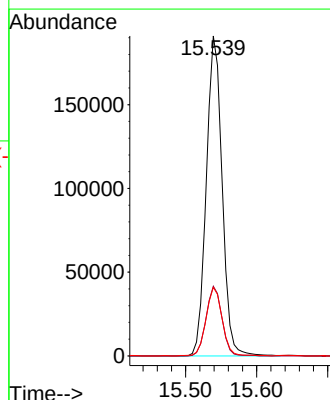
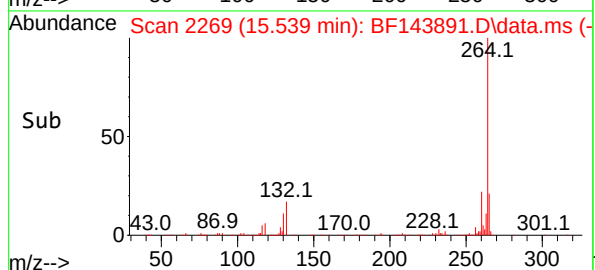
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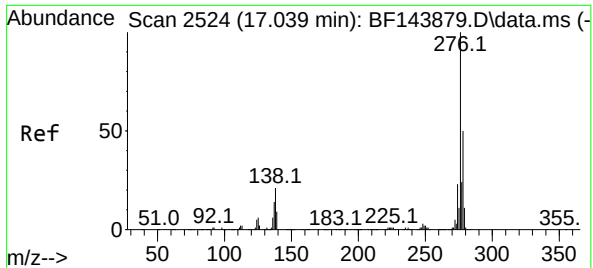


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:264 Resp: 295411
Ion Ratio Lower Upper
264 100
260 21.8 17.8 26.8
265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.626 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:276 Resp: 862085

Ion Ratio Lower Upper

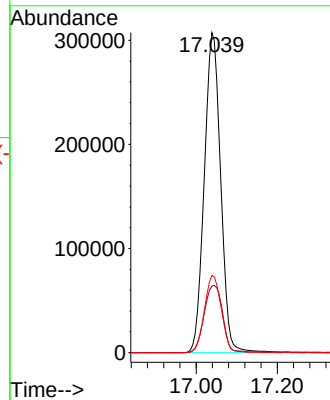
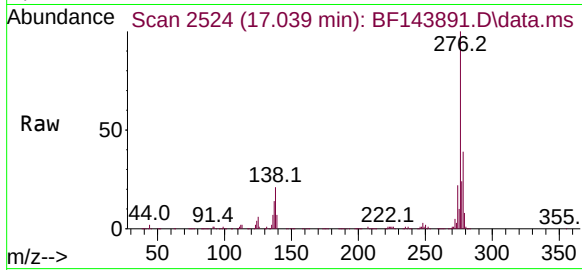
276 100

138 23.8 18.2 27.2

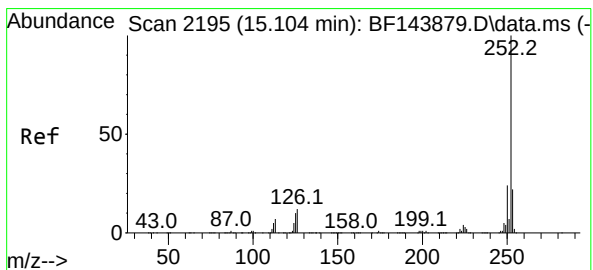
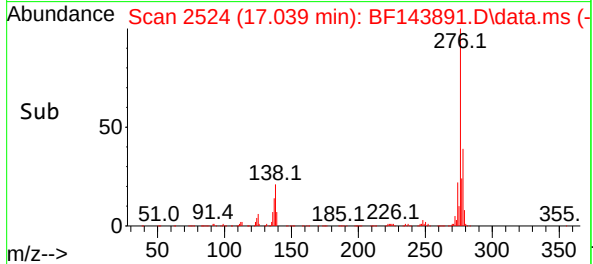
277 24.8 19.8 29.6

Manual Integrations

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Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

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#88

Benzo(b)fluoranthene

Concen: 47.367 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

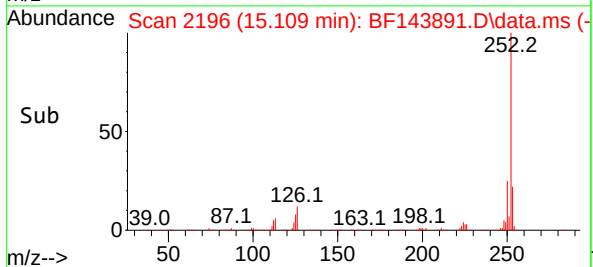
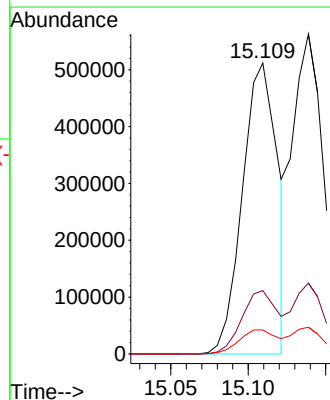
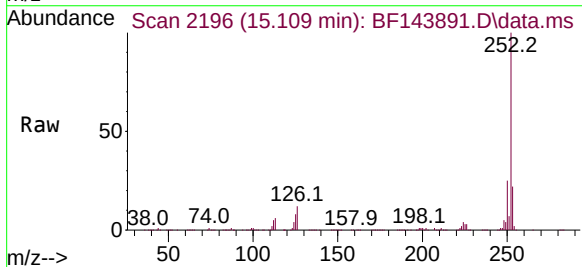
Tgt Ion:252 Resp: 803793

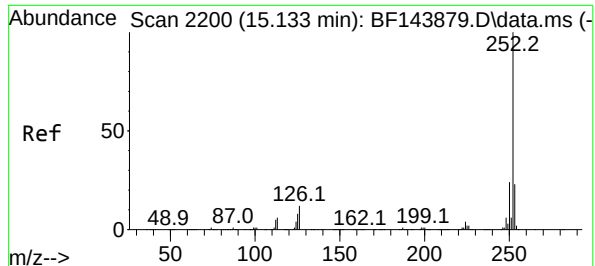
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 8.2 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 50.638 ng

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

PB169953BS

Tgt Ion:252 Resp: 795124

Ion Ratio Lower Upper

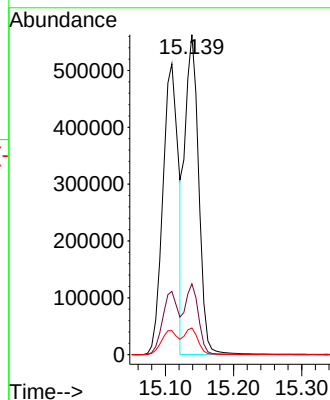
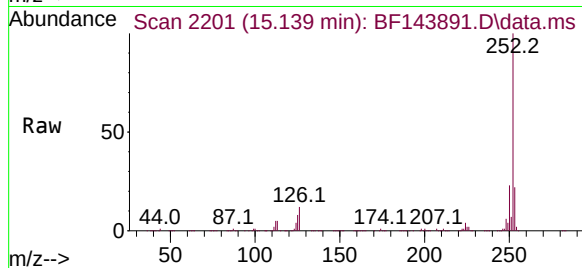
252 100

253 22.1 17.8 26.8

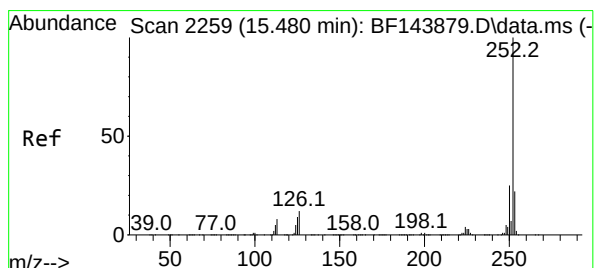
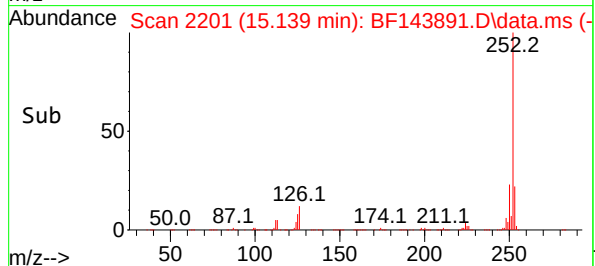
125 8.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul
Chavli10/09/2025
Supervised By :Jagrut
Upadhyay

10/09/2025



#90

Benzo(a)pyrene

Concen: 50.355 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF143891.D

Acq: 08 Oct 2025 12:49

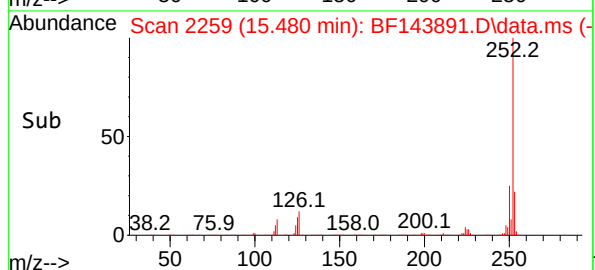
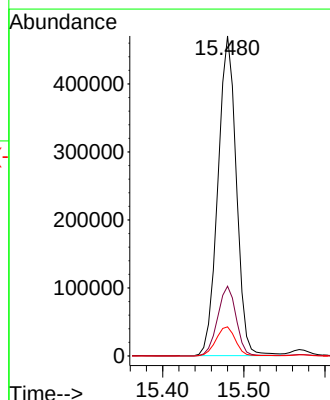
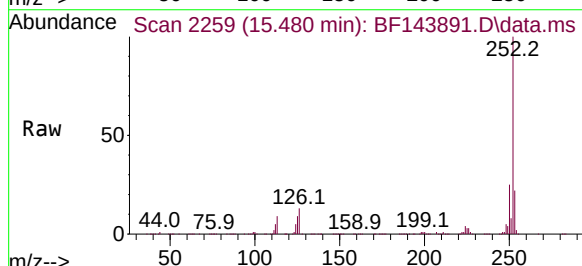
Tgt Ion:252 Resp: 740931

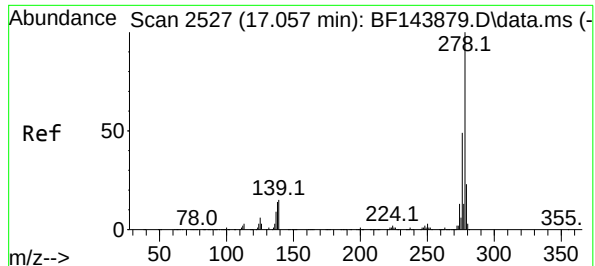
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.1 7.0 10.4





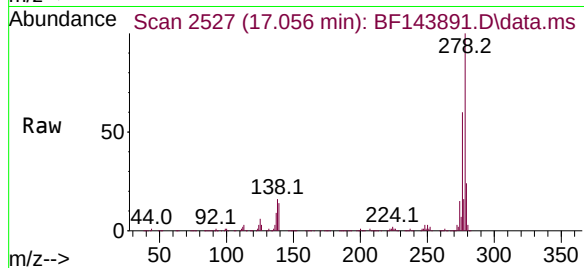
#91
Dibenzo(a,h)anthracene
Concen: 48.969 ng
RT: 17.056 min Scan# 2527
Delta R.T. -0.024 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49

Instrument :

BNA_F

ClientSampleId :

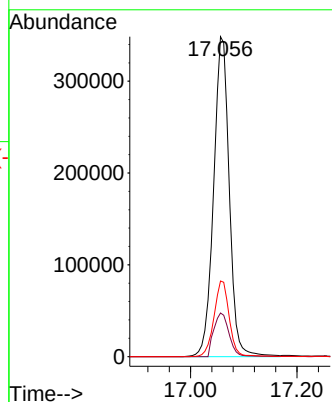
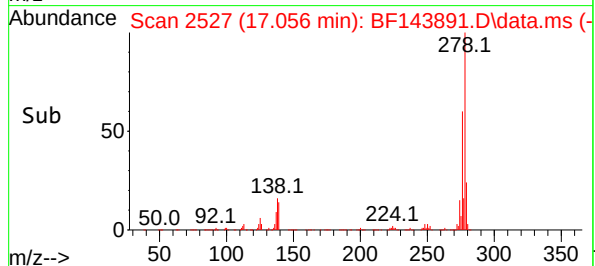
PB169953BS



Tgt Ion:278 Resp: 712892
Ion Ratio Lower Upper
278 100
139 13.6 11.7 17.5
279 23.6 18.4 27.6

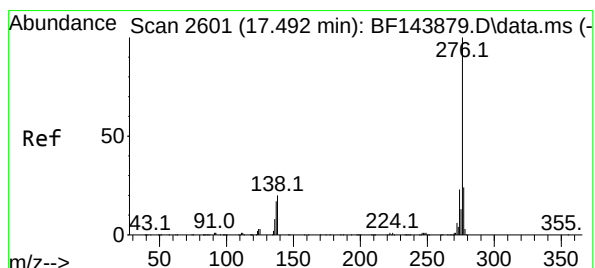
Manual Integrations
APPROVED

Reviewed By :Rahul
Chavli

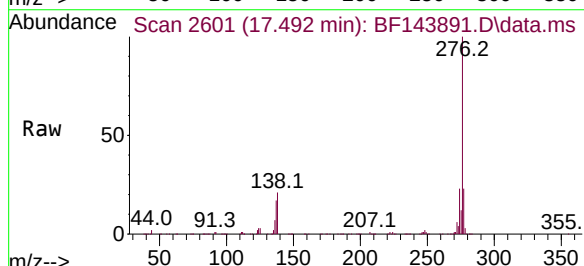


10/09/2025
Supervised By :Jagrut
Upadhyay

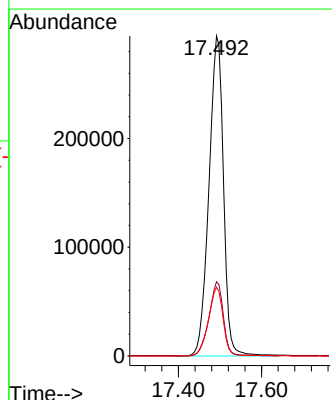
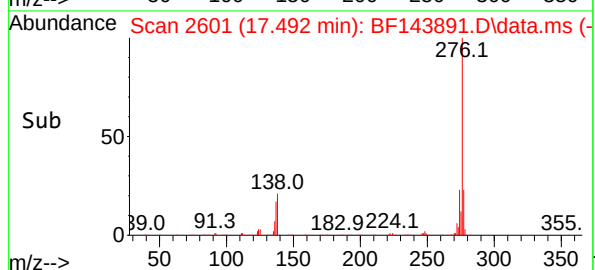
10/09/2025



#92
Benzo(g,h,i)perylene
Concen: 49.055 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.024 min
Lab File: BF143891.D
Acq: 08 Oct 2025 12:49



Tgt Ion:276 Resp: 714155
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 21.5 16.1 24.1



Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BS	SDG No.:	Q3266
Lab Sample ID:	PB169989BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025926.D	1	10/06/25 09:15	10/06/25 16:57	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1100		160	330	ug/Kg
108-95-2	Phenol	1500		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1600		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1500		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		37.5	170	ug/Kg
98-86-2	Acetophenone	1600		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1500		18.3	170	ug/Kg
78-59-1	Isophorone	1400		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1600		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		28.3	170	ug/Kg
91-20-3	Naphthalene	1500		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	720		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		25.3	170	ug/Kg
105-60-2	Caprolactam	1300		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600		120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1400		27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BS	SDG No.:	Q3266
Lab Sample ID:	PB169989BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025926.D	1	10/06/25 09:15	10/06/25 16:57	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1500		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	990		46.0	170	ug/Kg
83-32-9	Acenaphthene	1400		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	2300		110	330	ug/Kg
132-64-9	Dibenzofuran	1400		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1400		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		26.7	170	ug/Kg
86-73-7	Fluorene	1500		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1400		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		25.3	170	ug/Kg
1912-24-9	Atrazine	1600		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3000	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1500		20.9	170	ug/Kg
120-12-7	Anthracene	1500		33.3	170	ug/Kg
86-74-8	Carbazole	1500		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		47.9	170	ug/Kg
206-44-0	Fluoranthene	1500		30.0	170	ug/Kg
129-00-0	Pyrene	1600		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		23.0	170	ug/Kg
218-01-9	Chrysene	1500		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169989BS	SDG No.:	Q3266
Lab Sample ID:	PB169989BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025926.D	1	10/06/25 09:15	10/06/25 16:57	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1500		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1100		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	133		18 - 112	88%	SPK: 150
13127-88-3	Phenol-d6	126		15 - 107	84%	SPK: 150
4165-60-0	Nitrobenzene-d5	74.7		18 - 107	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.4		20 - 109	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		10 - 116	89%	SPK: 150
1718-51-0	Terphenyl-d14	81.0		10 - 105	81%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	182000	7.737			
1146-65-2	Naphthalene-d8	706000	10.502			
15067-26-2	Acenaphthene-d10	446000	14.348			
1517-22-2	Phenanthrene-d10	872000	17.142			
1719-03-5	Chrysene-d12	875000	21.589			
1520-96-3	Perylene-d12	971000	24.936			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025926.D
 Acq On : 06 Oct 2025 16:57
 Operator : CG/JU
 Sample : PB169989BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169989BS

Quant Time: Oct 06 17:26:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	182029	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	705808	20.000	ng	-0.02
39) Acenaphthene-d10	14.348	164	446200	20.000	ng	-0.03
64) Phenanthrene-d10	17.142	188	872158	20.000	ng	-0.04
76) Chrysene-d12	21.589	240	874721	20.000	ng	-0.05
86) Perylene-d12	24.936	264	970632	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1497057	132.703	ng	0.00
7) Phenol-d6	6.943	99	1885172	125.721	ng	0.00
23) Nitrobenzene-d5	8.890	82	1194977	74.683	ng	-0.01
42) 2,4,6-Tribromophenol	15.860	330	746159	134.070	ng	-0.05
45) 2-Fluorobiphenyl	12.954	172	2627876	78.418	ng	-0.04
79) Terphenyl-d14	19.860	244	3937572	80.982	ng	-0.05
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	159825	33.755	ng	96
3) Pyridine	3.696	79	459200	35.221	ng	94
4) n-Nitrosodimethylamine	3.608	42	232033	37.717	ng	83
6) Aniline	7.078	93	589269	28.627	ng	100
8) 2-Chlorophenol	7.319	128	578567	46.749	ng	99
9) Benzaldehyde	6.896	77	296768	33.020	ng	100
10) Phenol	6.967	94	716172	45.295	ng	98
11) bis(2-Chloroethyl)ether	7.167	93	543826	42.810	ng	96
12) 1,3-Dichlorobenzene	7.631	146	603682	42.859	ng	97
13) 1,4-Dichlorobenzene	7.772	146	618633	43.117	ng	100
14) 1,2-Dichlorobenzene	8.084	146	596334	42.783	ng	99
15) Benzyl Alcohol	7.984	79	527687	42.587	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.249	45	801521	38.583	ng	97
17) 2-Methylphenol	8.196	107	476855	44.733	ng	99
18) Hexachloroethane	8.802	117	231874	42.309	ng	97
19) n-Nitroso-di-n-propyla...	8.537	70	421269	40.280	ng	95
20) 3+4-Methylphenols	8.519	107	636615	42.643	ng	98
22) Acetophenone	8.555	105	925202	49.052	ng	# 97
24) Nitrobenzene	8.925	77	630331	43.913	ng	97
25) Isophorone	9.449	82	1172491	41.690	ng	99
26) 2-Nitrophenol	9.631	139	306999	48.171	ng	92
27) 2,4-Dimethylphenol	9.702	122	516038	46.155	ng	98
28) bis(2-Chloroethoxy)met...	9.919	93	713728	43.903	ng	99
29) 2,4-Dichlorophenol	10.178	162	527646	47.333	ng	97
30) 1,2,4-Trichlorobenzene	10.366	180	573003	45.609	ng	97
31) Naphthalene	10.549	128	1670664	43.898	ng	99
32) Benzoic acid	9.896	122	401328	48.280	ng	98
33) 4-Chloroaniline	10.678	127	344464	21.716	ng	99
34) Hexachlorobutadiene	10.831	225	375311	46.406	ng	99
35) Caprolactam	11.478	113	166315	38.703	ng	94
36) 4-Chloro-3-methylphenol	11.813	107	580172	43.654	ng	96
37) 2-Methylnaphthalene	12.160	142	1052812	43.071	ng	98
38) 1-Methylnaphthalene	12.384	142	1103165	42.322	ng	99
40) 1,2,4,5-Tetrachloroben...	12.531	216	719436	53.209	ng	99
41) Hexachlorocyclopentadiene	12.502	237	582273	79.070	ng	99
43) 2,4,6-Trichlorophenol	12.784	196	424698	47.780	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025926.D
 Acq On : 06 Oct 2025 16:57
 Operator : CG/JU
 Sample : PB169989BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169989BS

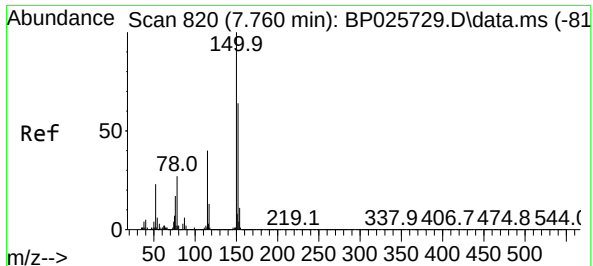
Quant Time: Oct 06 17:26:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	463981	46.902	ng	96
46) 1,1'-Biphenyl	13.166	154	1641960	50.134	ng	99
47) 2-Chloronaphthalene	13.213	162	1172498	45.466	ng	100
48) 2-Nitroaniline	13.431	65	373141	43.407	ng	94
49) Acenaphthylene	14.066	152	1920689	44.951	ng	100
50) Dimethylphthalate	13.801	163	1477408	43.369	ng	100
51) 2,6-Dinitrotoluene	13.925	165	329743	45.687	ng	92
52) Acenaphthene	14.413	154	1061393	43.074	ng	100
53) 3-Nitroaniline	14.272	138	226308	29.818	ng	98
54) 2,4-Dinitrophenol	14.490	184	378378	80.595	ng	97
55) Dibenzofuran	14.754	168	1732447	43.138	ng	98
56) 4-Nitrophenol	14.631	139	445764	68.863	ng	97
57) 2,4-Dinitrotoluene	14.731	165	465563	45.326	ng	93
58) Fluorene	15.407	166	1400085	43.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.996	232	410812	46.100	ng	96
60) Diethylphthalate	15.178	149	1493012	43.207	ng	99
61) 4-Chlorophenyl-phenyle...	15.395	204	716601	44.525	ng	98
62) 4-Nitroaniline	15.448	138	318476	40.960	ng	96
63) Azobenzene	15.701	77	1403310	42.000	ng	97
65) 4,6-Dinitro-2-methylph...	15.513	198	283476	48.874	ng	91
66) n-Nitrosodiphenylamine	15.625	169	1252628	46.932	ng	99
67) 4-Bromophenyl-phenylether	16.313	248	470209	49.075	ng	97
68) Hexachlorobenzene	16.437	284	520367	48.701	ng	# 90
69) Atrazine	16.595	200	491962	48.221	ng	98
70) Pentachlorophenol	16.795	266	633233	89.795	ng	100
71) Phenanthrene	17.184	178	2199869	44.465	ng	99
72) Anthracene	17.278	178	2289006	45.600	ng	99
73) Carbazole	17.566	167	2131828	45.680	ng	99
74) Di-n-butylphthalate	18.137	149	2565889	44.803	ng	99
75) Fluoranthene	19.272	202	2613123	44.040	ng	100
77) Benzidine	19.472	184	1096670	43.524	ng	99
78) Pyrene	19.648	202	2739772	46.941	ng	99
80) Butylbenzylphthalate	20.589	149	1170092	45.722	ng	97
81) Benzo(a)anthracene	21.566	228	2754853	46.003	ng	100
82) 3,3'-Dichlorobenzidine	21.489	252	693883	33.510	ng	99
83) Chrysene	21.636	228	2556460	44.783	ng	100
84) Bis(2-ethylhexyl)phtha...	21.483	149	1709318	45.654	ng	99
85) Di-n-octyl phthalate	22.760	149	3037737	45.611	ng	97
87) Indeno(1,2,3-cd)pyrene	28.754	276	3273523	46.376	ng	# 77
88) Benzo(b)fluoranthene	23.866	252	2718629	45.802	ng	99
89) Benzo(k)fluoranthene	23.942	252	2788209	46.034	ng	99
90) Benzo(a)pyrene	24.777	252	2647483	45.546	ng	99
91) Dibenzo(a,h)anthracene	28.818	278	2676243	46.332	ng	99
92) Benzo(g,h,i)perylene	29.954	276	2621196	46.143	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
PB169989BS

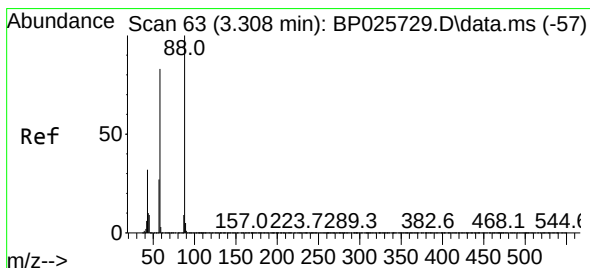
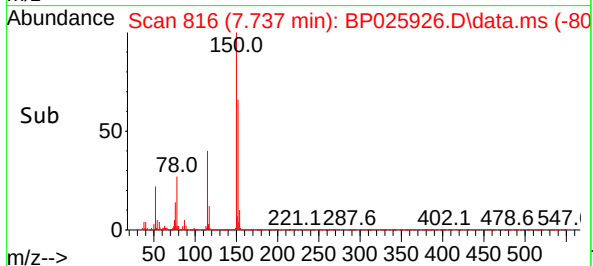
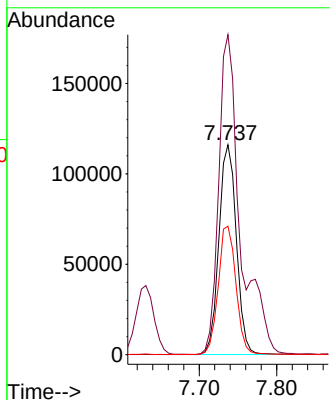
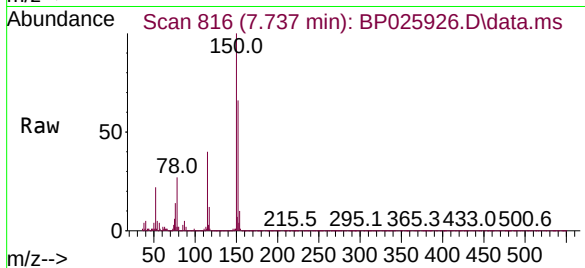
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

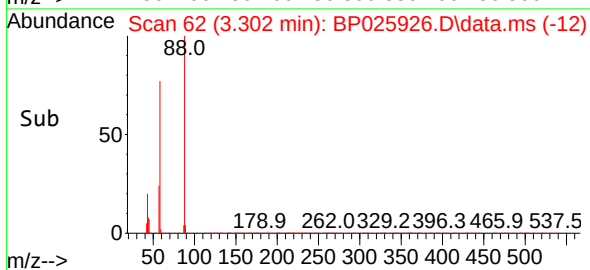
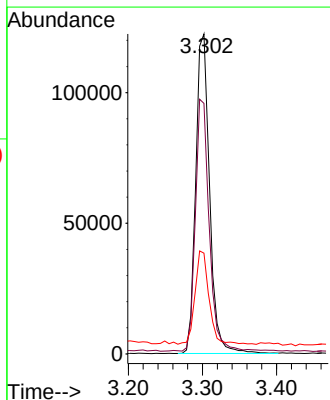
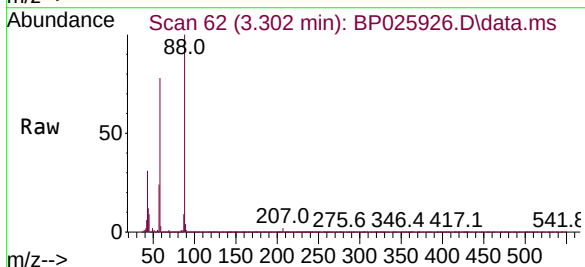
Instrument :
BNA_P
ClientSampleId :
PB169989BS

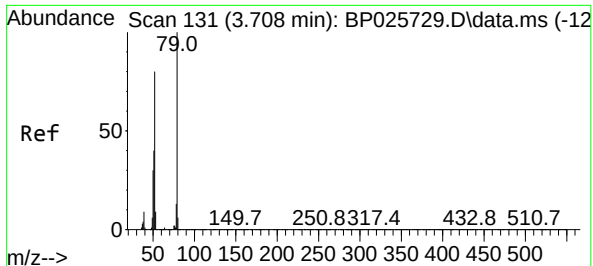
Tgt Ion:152 Resp: 182029
Ion Ratio Lower Upper
152 100
150 152.5 124.3 186.5
115 61.2 50.3 75.5



#2
1,4-Dioxane
Concen: 33.755 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 88 Resp: 159825
Ion Ratio Lower Upper
88 100
58 78.3 65.5 98.3
43 29.5 25.2 37.8

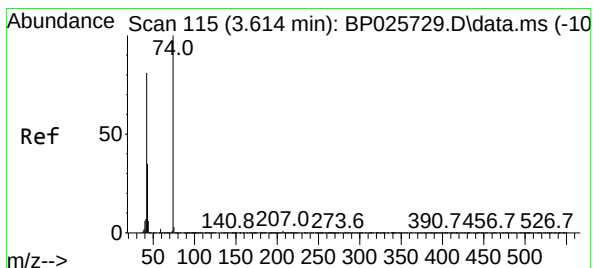
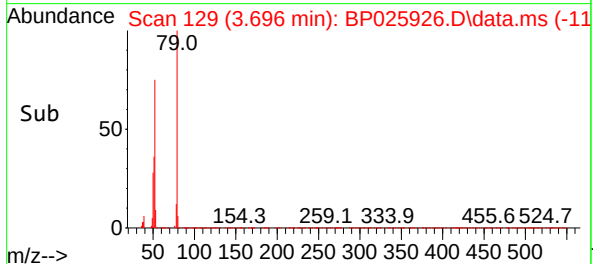
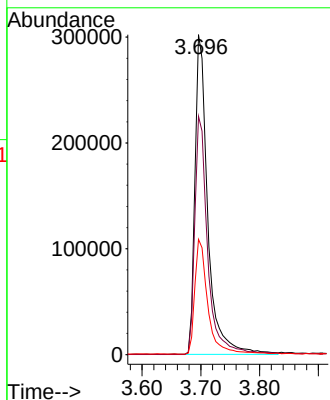
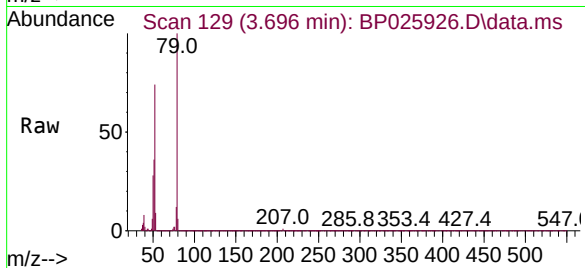




#3
Pyridine
Concen: 35.221 ng
RT: 3.696 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

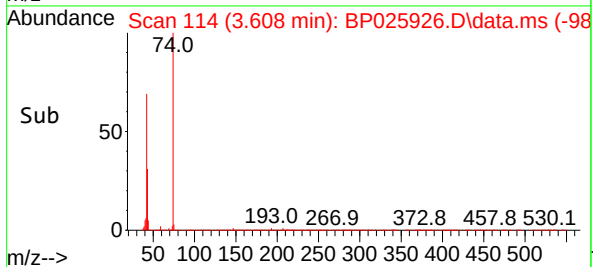
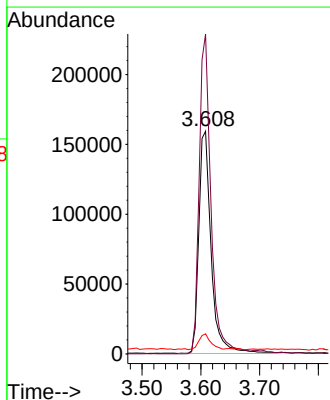
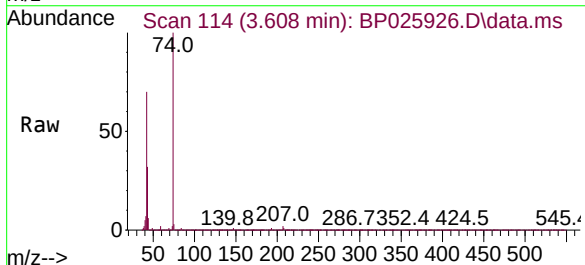
Instrument :
BNA_P
ClientSampleId :
PB169989BS

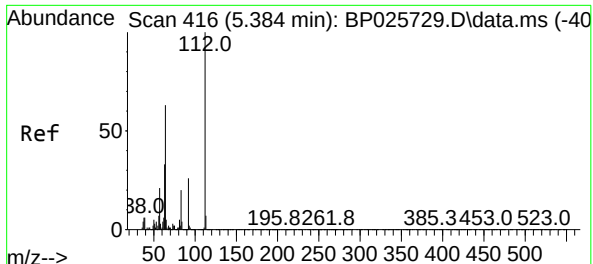
Tgt Ion: 79 Resp: 459200
Ion Ratio Lower Upper
79 100
52 74.5 63.7 95.5
51 36.0 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 37.717 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 42 Resp: 232033
Ion Ratio Lower Upper
42 100
74 143.7 99.2 148.8
44 9.0 6.4 9.6

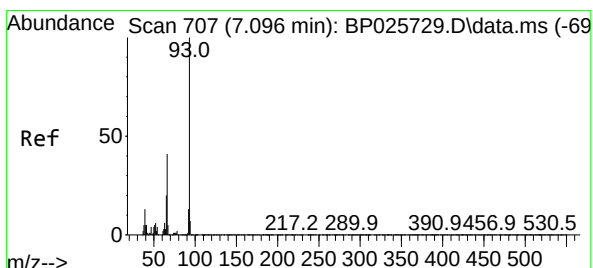
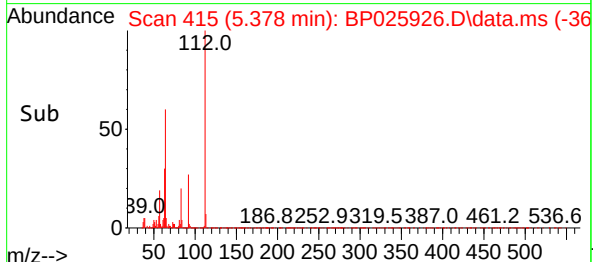
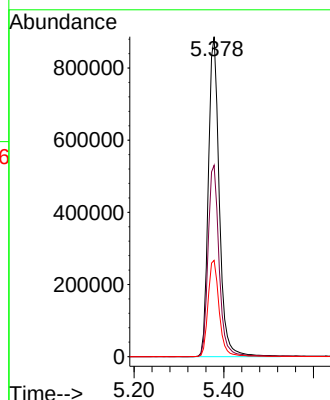
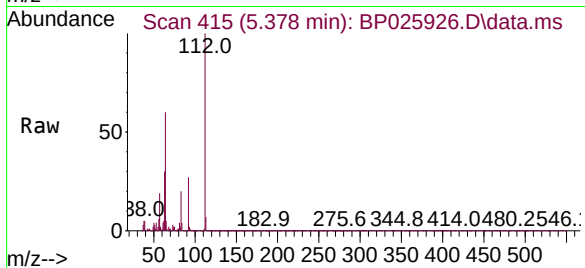




#5
2-Fluorophenol
Concen: 132.703 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

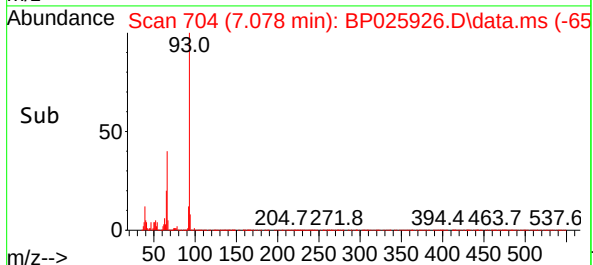
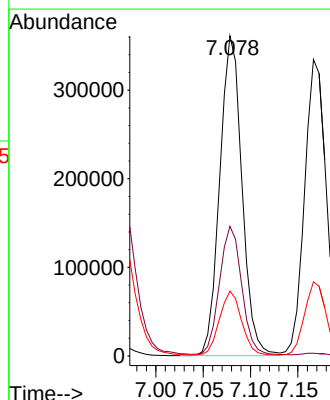
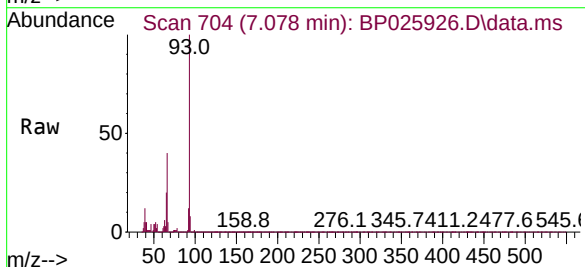
Instrument :
BNA_P
ClientSampleId :
PB169989BS

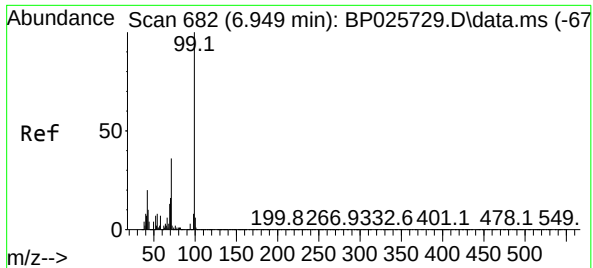
Tgt Ion:112 Resp: 1497057
Ion Ratio Lower Upper
112 100
64 59.8 50.2 75.4
63 30.1 26.7 40.1



#6
Aniline
Concen: 28.627 ng
RT: 7.078 min Scan# 704
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 93 Resp: 589269
Ion Ratio Lower Upper
93 100
66 40.5 32.6 49.0
65 20.2 16.2 24.2



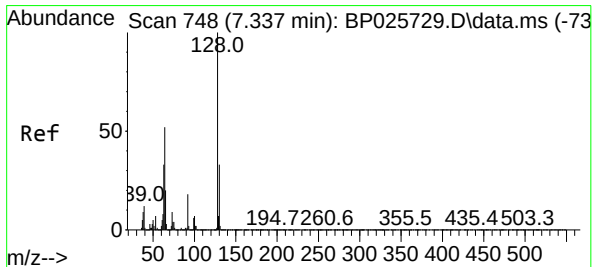
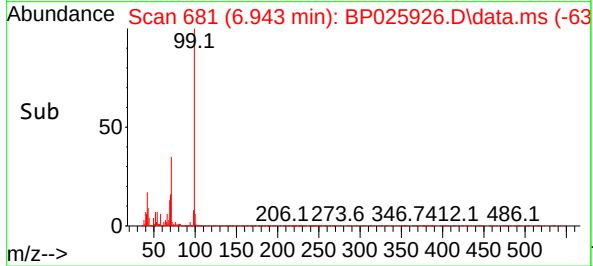
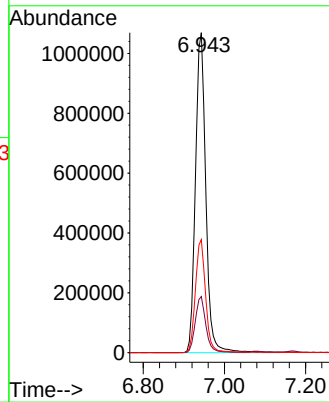
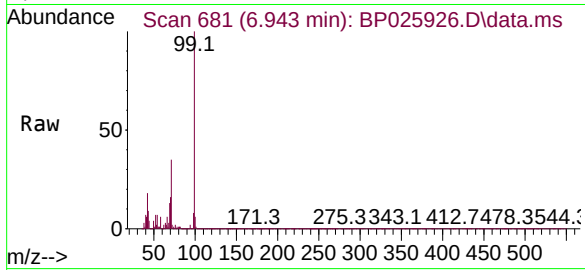


#7
Phenol-d6
Concen: 125.721 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Instrument :
BNA_P
ClientSampleId :
PB169989BS

Tgt Ion: 99 Resp: 1885172

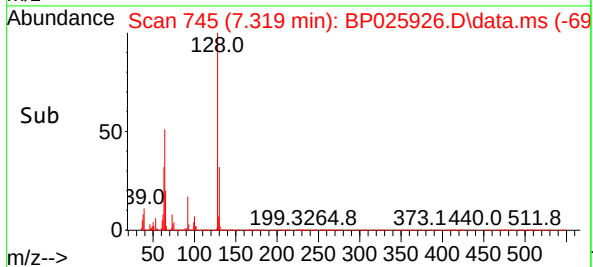
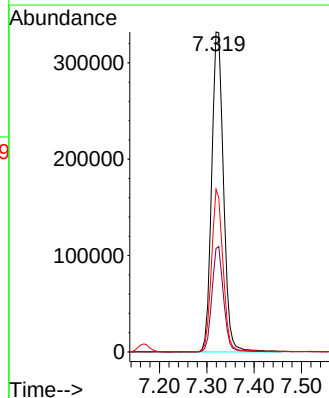
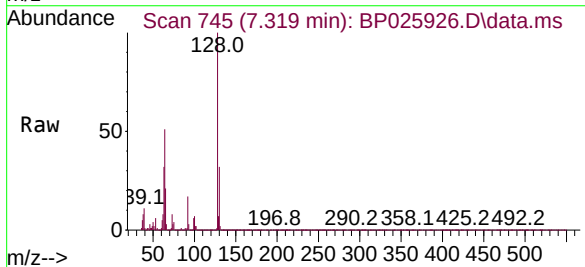
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.6	23.4
71	35.3	28.6	43.0

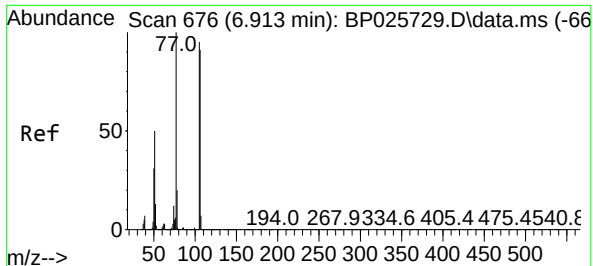


#8
2-Chlorophenol
Concen: 46.749 ng
RT: 7.319 min Scan# 745
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 128 Resp: 578567

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.6	52.6
64	50.8	31.6	71.6

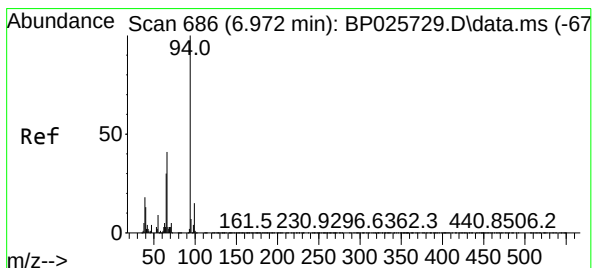
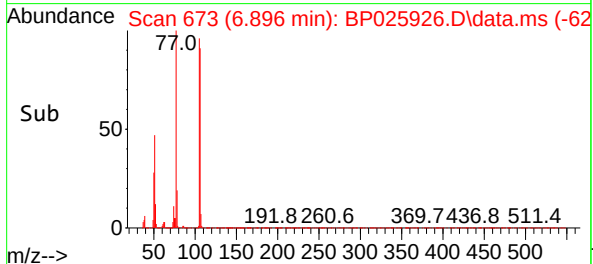
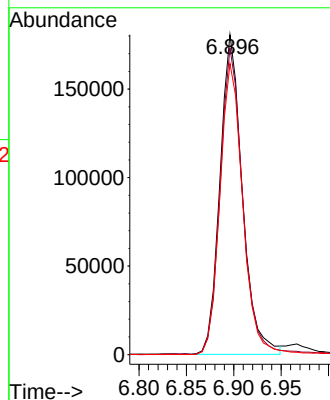
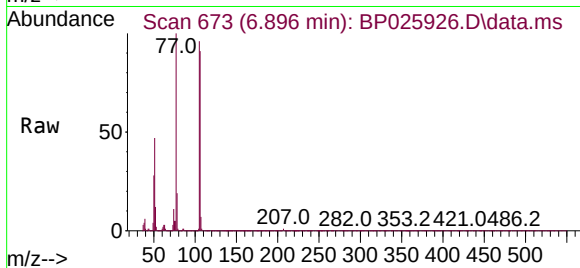




#9
Benzaldehyde
Concen: 33.020 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

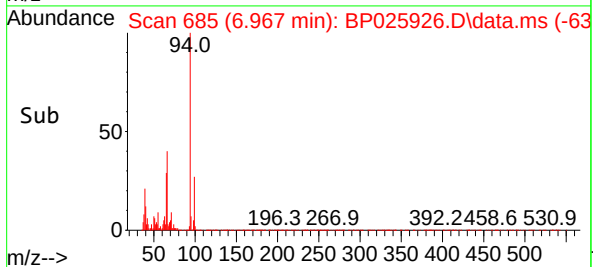
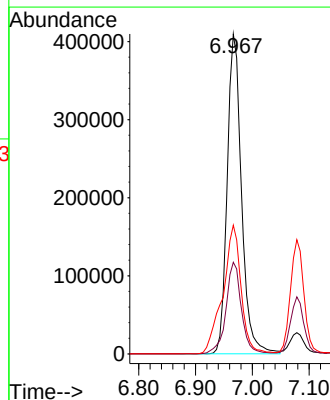
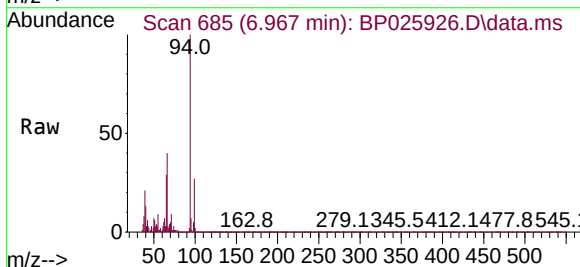
Instrument :
BNA_P
ClientSampleId :
PB169989BS

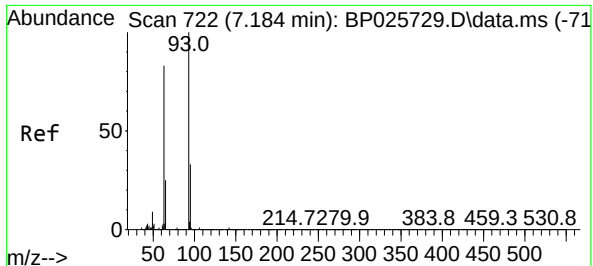
Tgt Ion: 77 Resp: 296768
Ion Ratio Lower Upper
77 100
105 95.8 75.2 115.2
106 91.0 71.3 111.3



#10
Phenol
Concen: 45.295 ng
RT: 6.967 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 94 Resp: 716172
Ion Ratio Lower Upper
94 100
65 28.6 10.2 50.2
66 40.2 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 42.810 ng

RT: 7.167 min Scan# 71

Delta R.T. -0.018 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

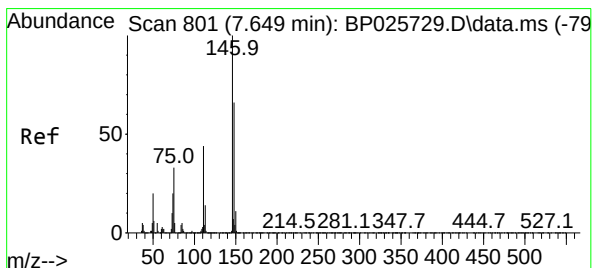
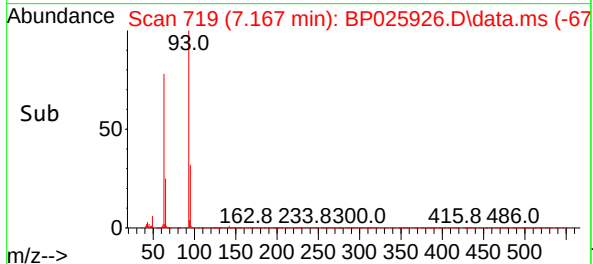
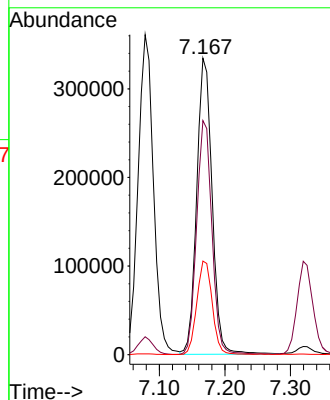
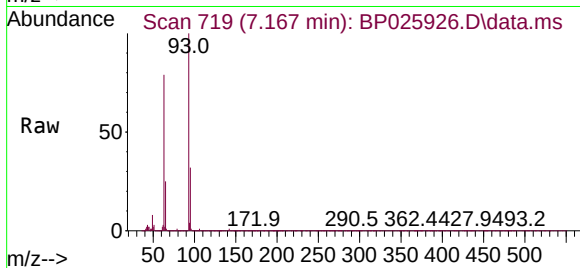
Tgt Ion: 93 Resp: 543826

Ion Ratio Lower Upper

93 100

63 78.9 62.6 102.6

95 31.6 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 42.859 ng

RT: 7.631 min Scan# 798

Delta R.T. -0.018 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

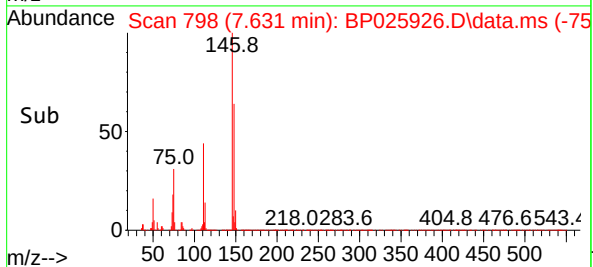
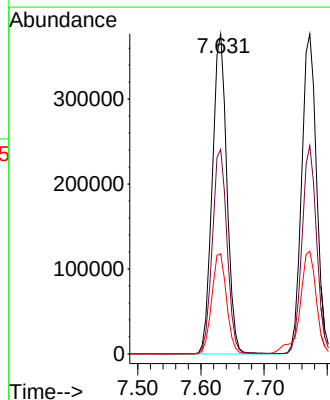
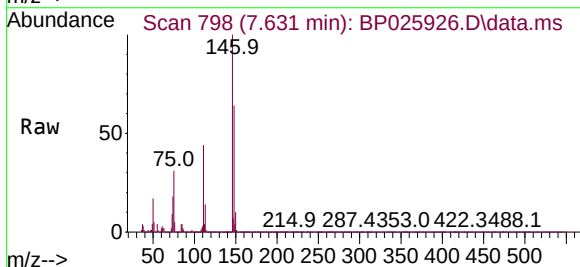
Tgt Ion:146 Resp: 603682

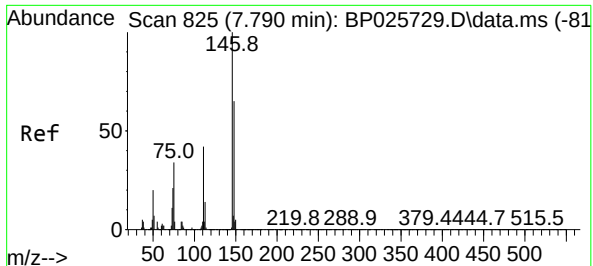
Ion Ratio Lower Upper

146 100

148 63.9 52.7 79.1

75 31.3 26.4 39.6

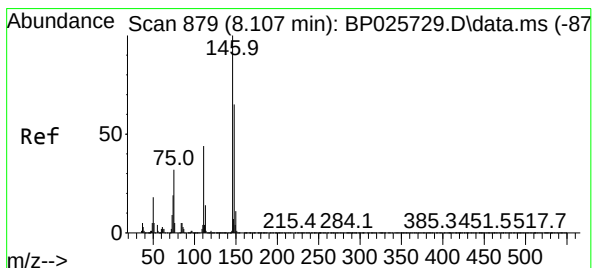
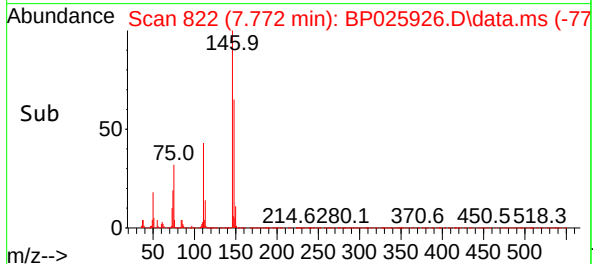
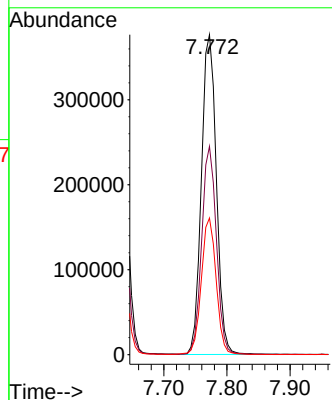
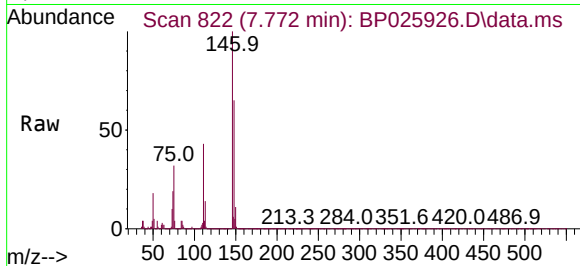




#13
1,4-Dichlorobenzene
Concen: 43.117 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

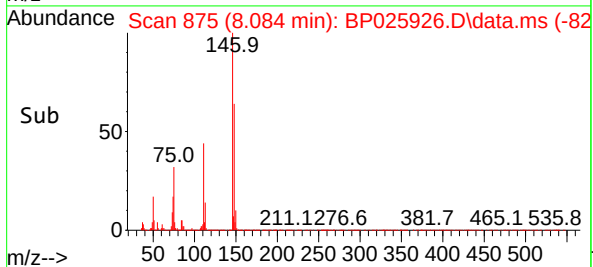
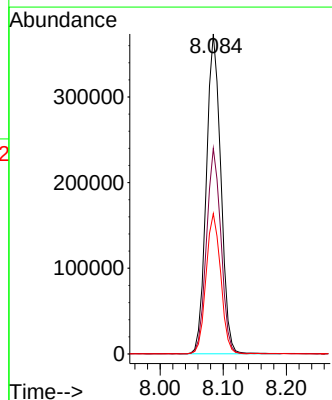
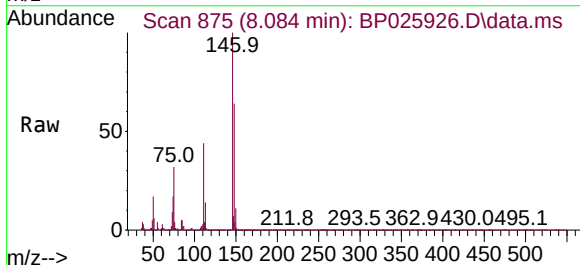
Instrument :
BNA_P
ClientSampleId :
PB169989BS

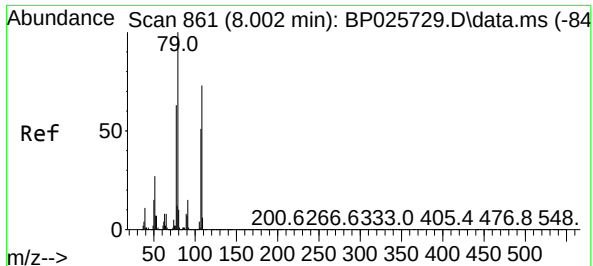
Tgt Ion:146 Resp: 618633
Ion Ratio Lower Upper
146 100
148 65.1 52.0 78.0
111 42.7 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 42.783 ng
RT: 8.084 min Scan# 875
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:146 Resp: 596334
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
111 43.8 35.5 53.3

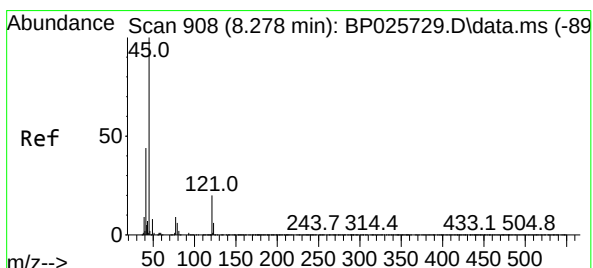
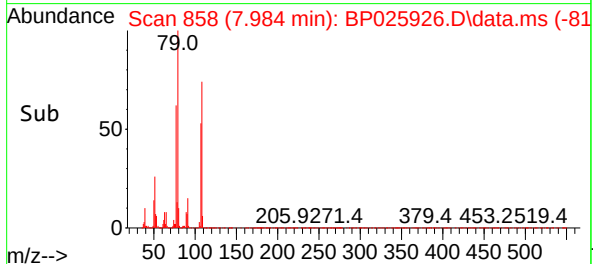
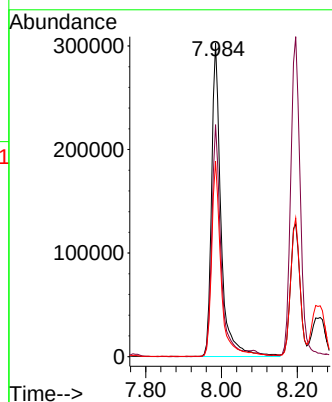
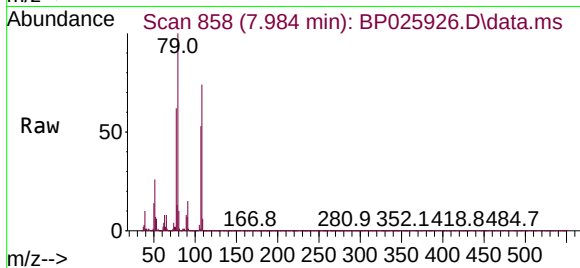




#15
Benzyl Alcohol
Concen: 42.587 ng
RT: 7.984 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

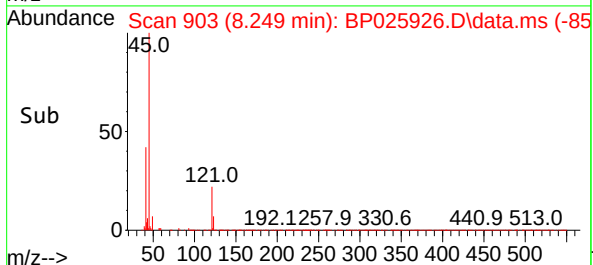
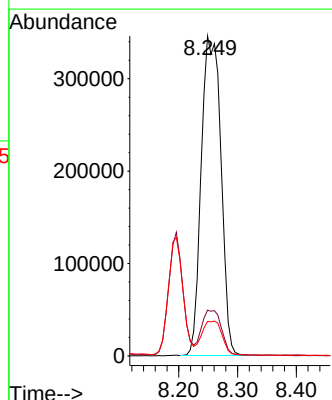
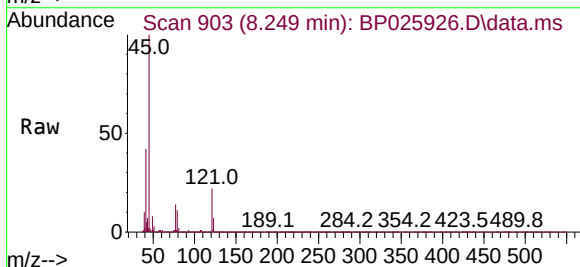
Instrument :
BNA_P
ClientSampleId :
PB169989BS

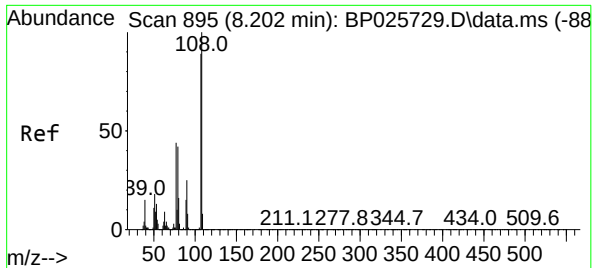
Tgt Ion: 79 Resp: 527687
Ion Ratio Lower Upper
79 100
108 74.1 58.7 88.1
77 62.3 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.583 ng
RT: 8.249 min Scan# 903
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

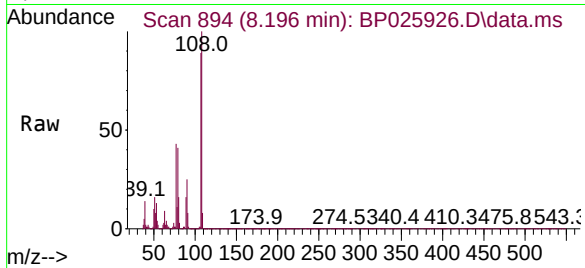
Tgt Ion: 45 Resp: 801521
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.1
79 10.8 0.0 30.0





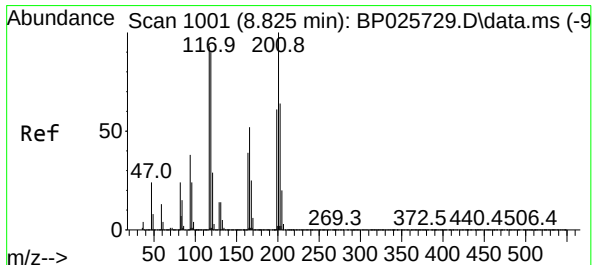
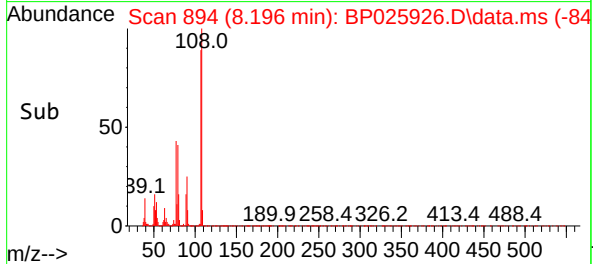
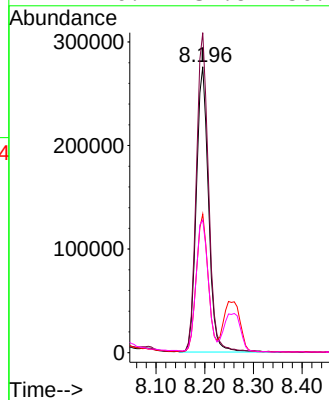
#17
2-Methylphenol
Concen: 44.733 ng
RT: 8.196 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Instrument :
BNA_P
ClientSampleId :
PB169989BS



Tgt Ion:107 Resp: 476855

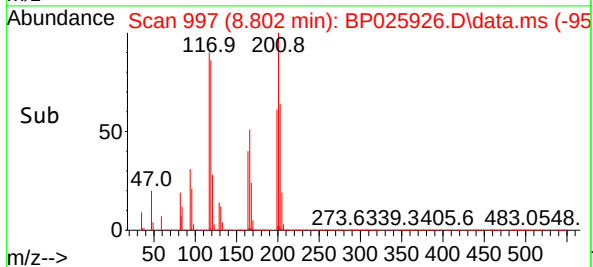
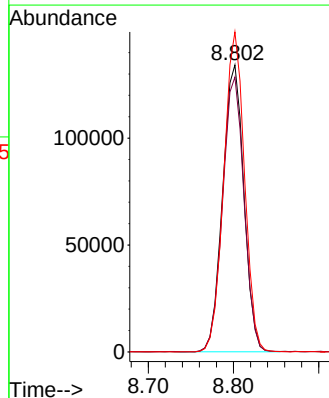
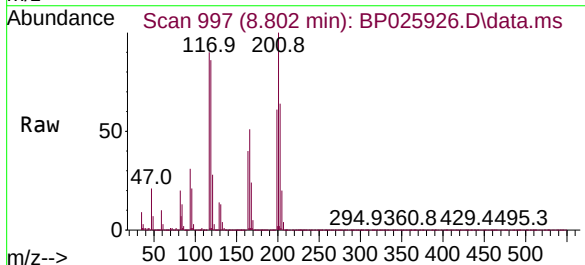
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.6	134.4
77	48.4	39.3	58.9
79	46.4	37.8	56.6

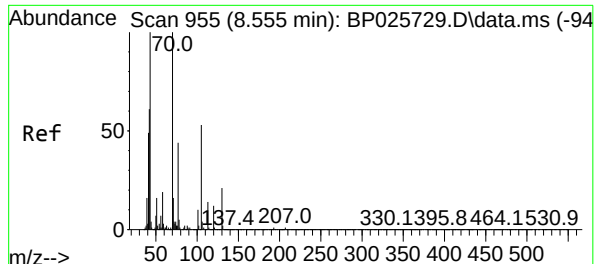


#18
Hexachloroethane
Concen: 42.309 ng
RT: 8.802 min Scan# 997
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:117 Resp: 231874

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.1	115.7
201	111.5	85.6	128.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.280 ng

RT: 8.537 min Scan# 91

Delta R.T. -0.018 min

Lab File: BP025926.D

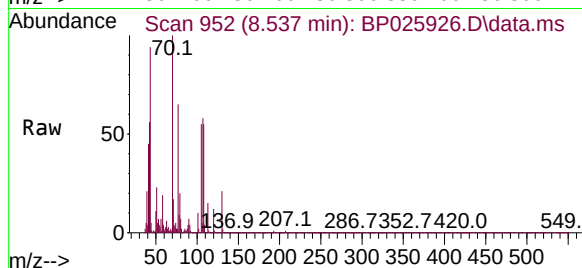
Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

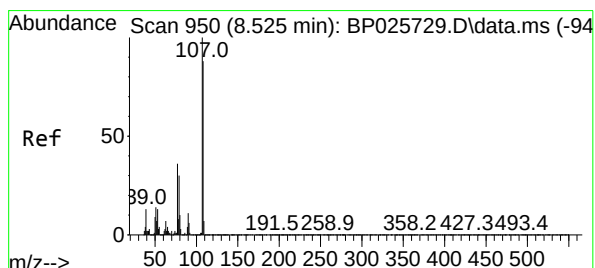
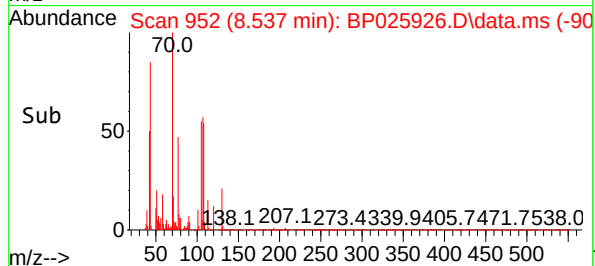
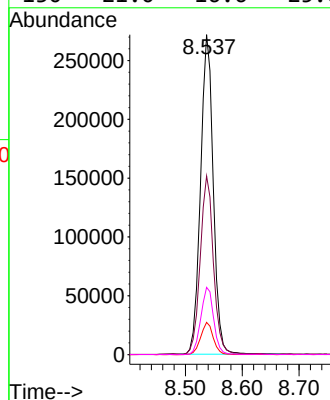
ClientSampleId :

PB169989BS



Tgt Ion: 70 Resp: 421269

Ion	Ratio	Lower	Upper
70	100		
42	55.8	49.0	73.4
101	10.1	7.9	11.9
130	21.0	16.6	25.0



#20

3+4-Methylphenols

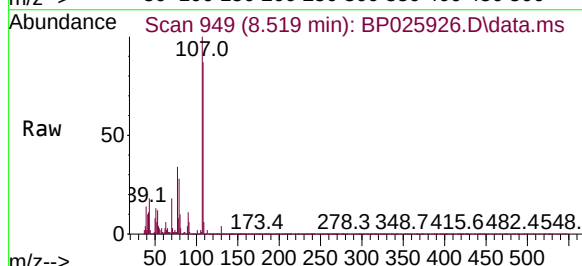
Concen: 42.643 ng

RT: 8.519 min Scan# 949

Delta R.T. -0.006 min

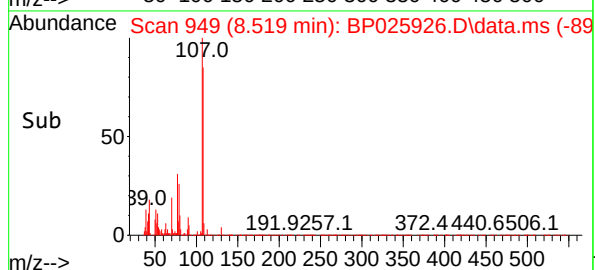
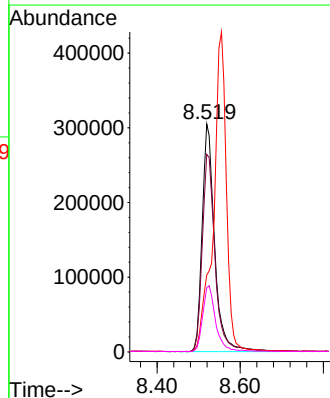
Lab File: BP025926.D

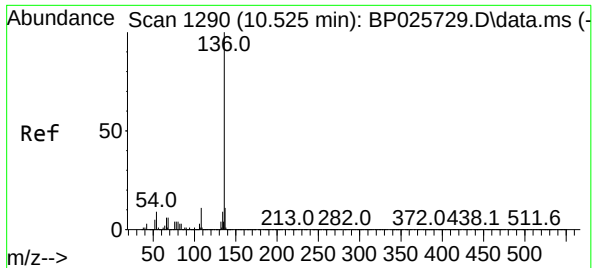
Acq: 06 Oct 2025 16:57



Tgt Ion: 107 Resp: 636615

Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.8	107.8
77	33.7	16.1	56.1
79	28.1	10.5	50.5

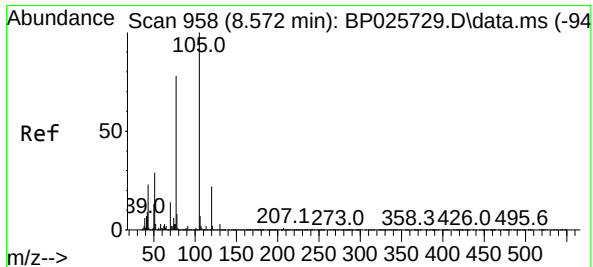
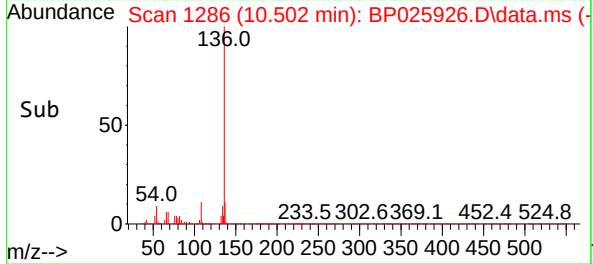
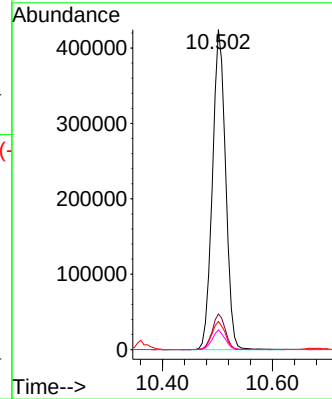
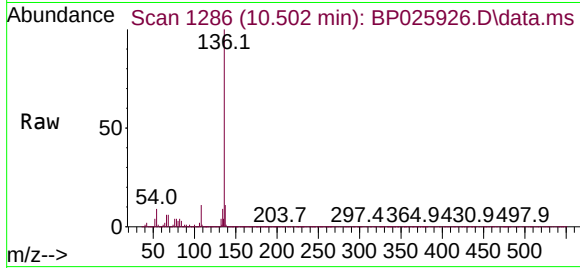




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

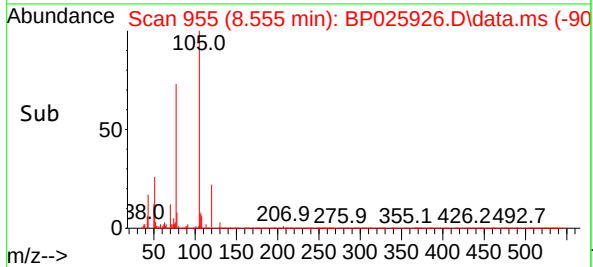
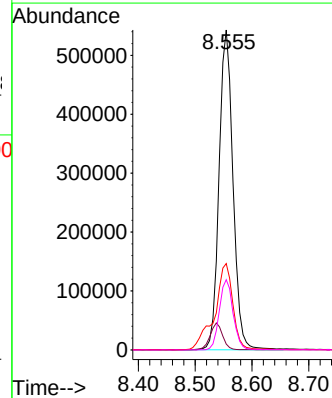
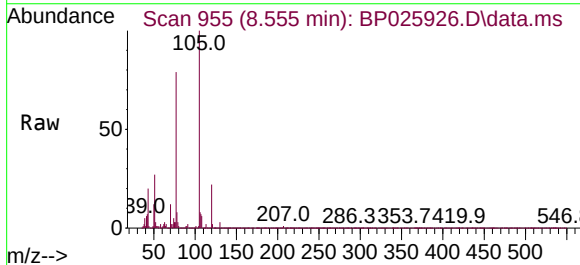
Instrument :
BNA_P
ClientSampleId :
PB169989BS

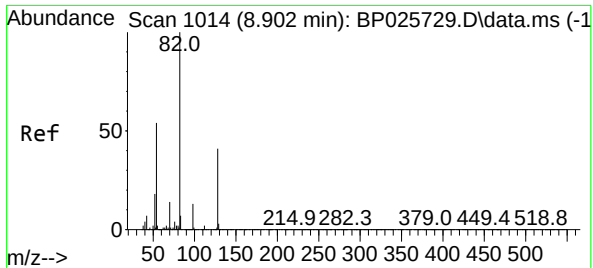
Tgt Ion:	136	Resp:	705808
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	8.8	7.5	11.3
68	6.2	5.0	7.6



#22
Acetophenone
Concen: 49.052 ng
RT: 8.555 min Scan# 955
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:	105	Resp:	925202
Ion	Ratio	Lower	Upper
105	100		
71	1.8	1.8	2.8
51	27.0	23.5	35.3
120	21.9	17.7	26.5





#23

Nitrobenzene-d5

Concen: 74.683 ng

RT: 8.890 min Scan# 10

Delta R.T. -0.012 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

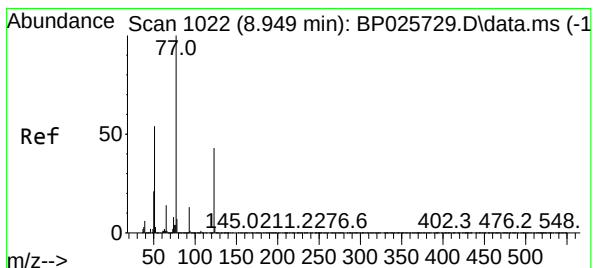
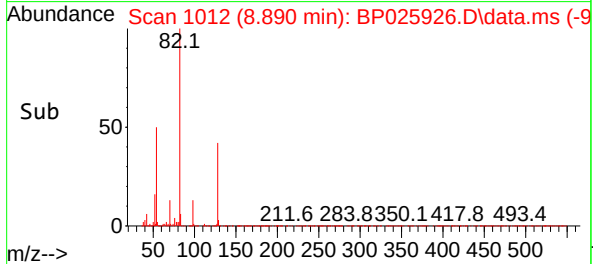
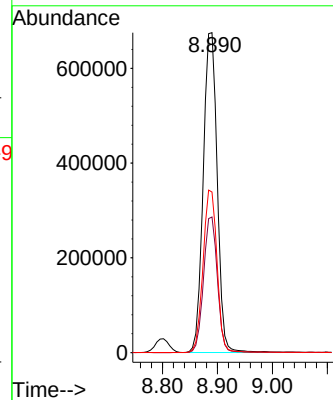
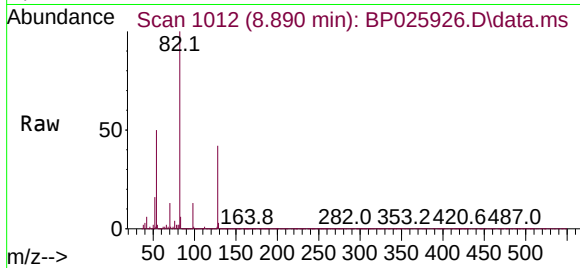
BNA_P

ClientSampleId :

PB169989BS

Tgt Ion: 82 Resp: 1194977

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.9	49.3
54	50.2	43.4	65.2



#24

Nitrobenzene

Concen: 43.913 ng

RT: 8.925 min Scan# 1018

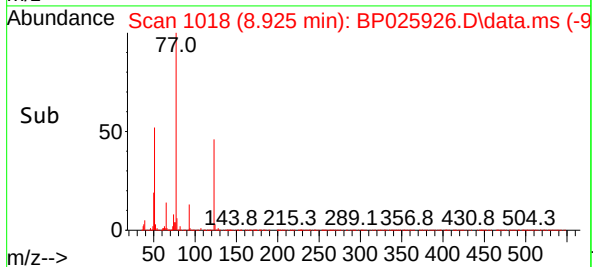
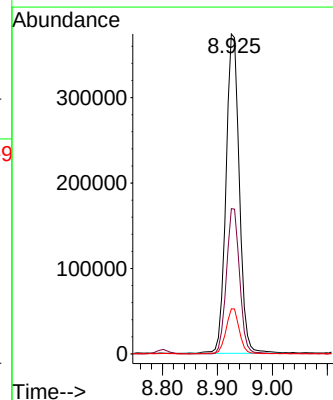
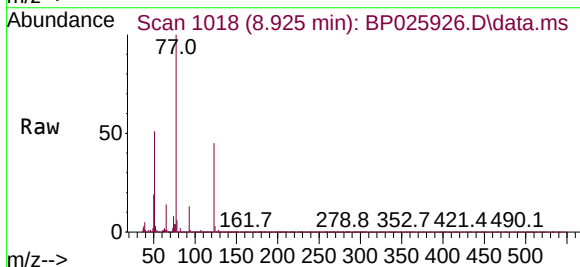
Delta R.T. -0.023 min

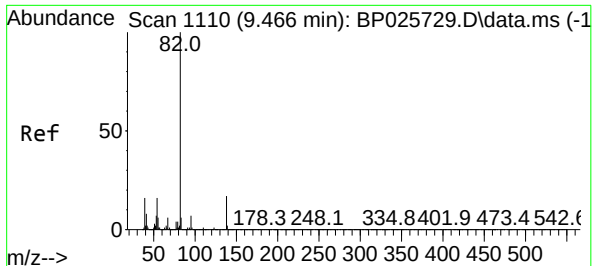
Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Tgt Ion: 77 Resp: 630331

Ion	Ratio	Lower	Upper
77	100		
123	45.4	34.4	51.6
65	14.1	10.8	16.2



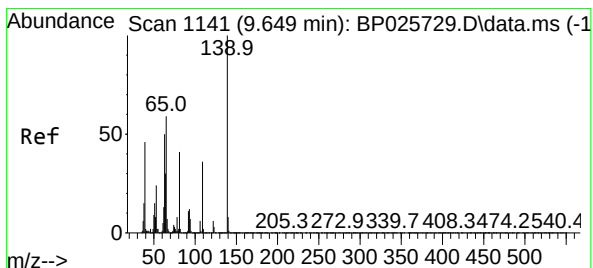
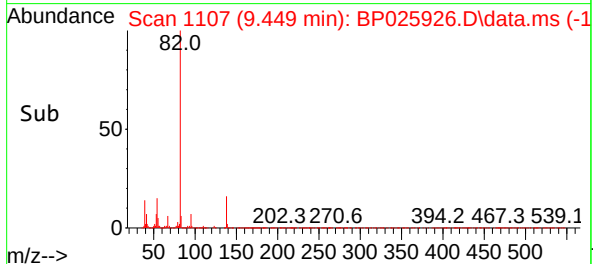
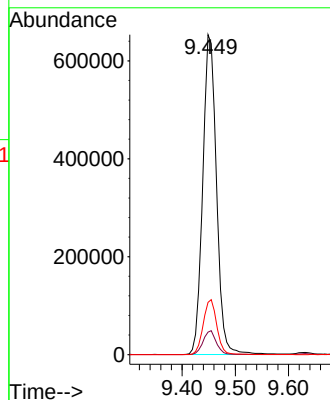
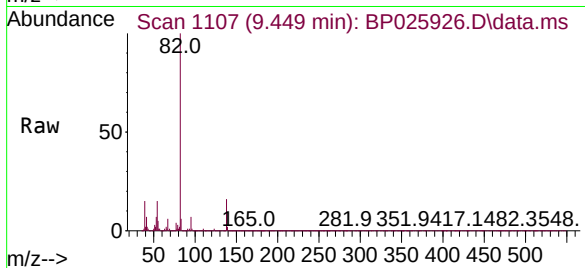


#25
Isophorone
Concen: 41.690 ng
RT: 9.449 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Instrument :
BNA_P
ClientSampleId :
PB169989BS

Tgt Ion: 82 Resp: 1172491

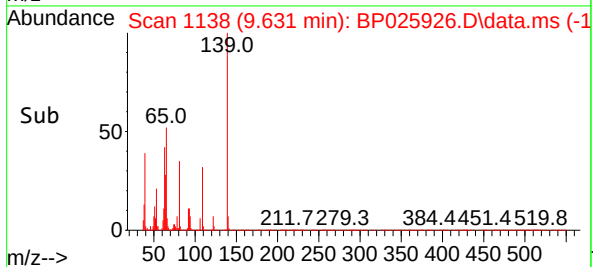
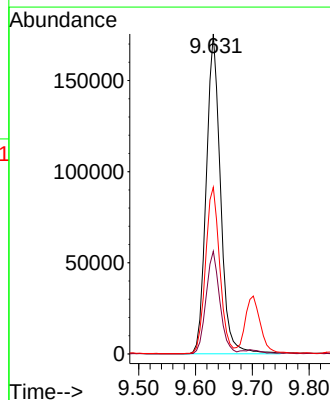
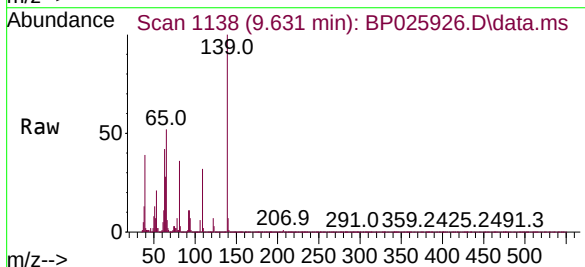
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.8
138	16.3	13.5	20.3

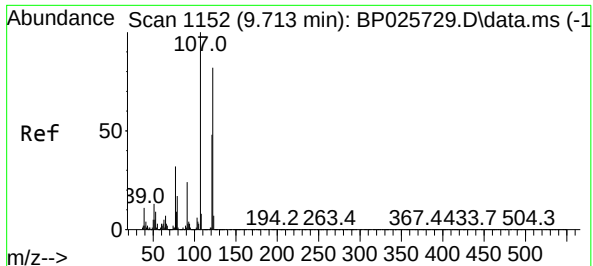


#26
2-Nitrophenol
Concen: 48.171 ng
RT: 9.631 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 139 Resp: 306999

Ion	Ratio	Lower	Upper
139	100		
109	32.1	29.0	43.4
65	52.1	46.9	70.3





#27

2,4-Dimethylphenol

Concen: 46.155 ng

RT: 9.702 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

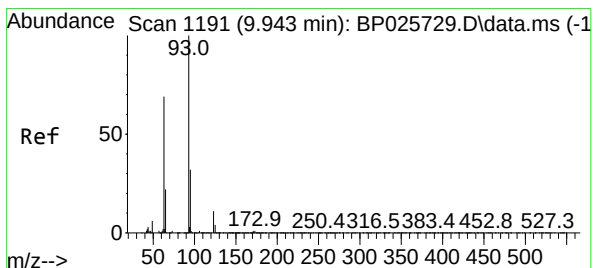
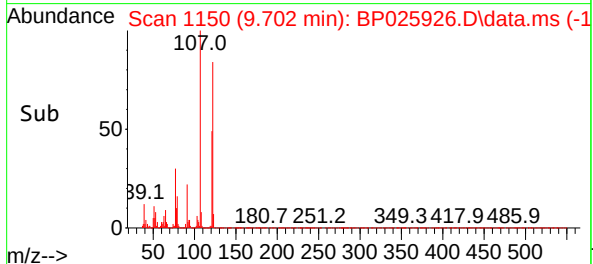
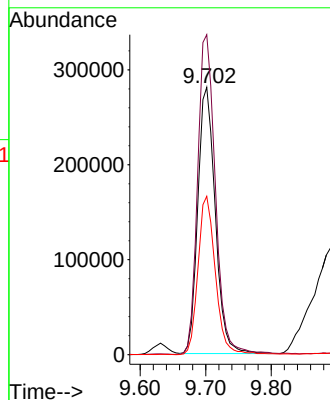
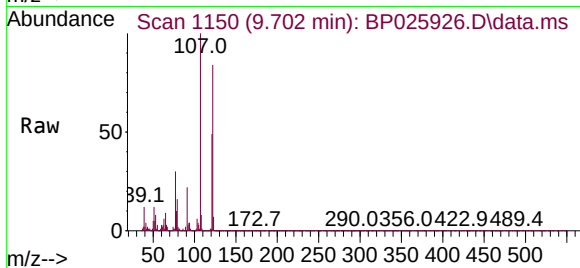
Tgt Ion:122 Resp: 516038

Ion Ratio Lower Upper

122 100

107 119.7 97.9 146.9

121 59.2 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.903 ng

RT: 9.919 min Scan# 1187

Delta R.T. -0.023 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

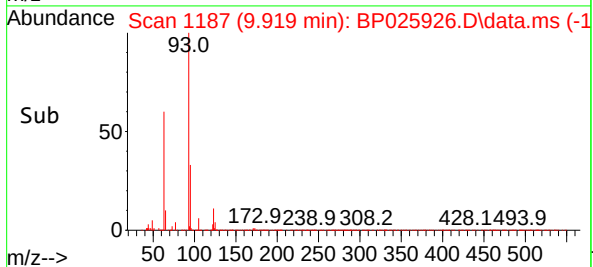
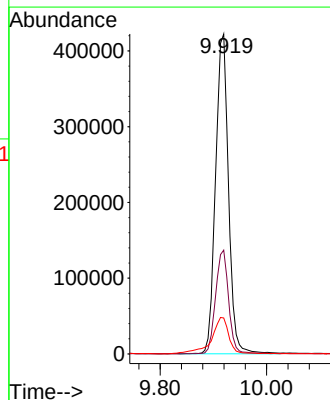
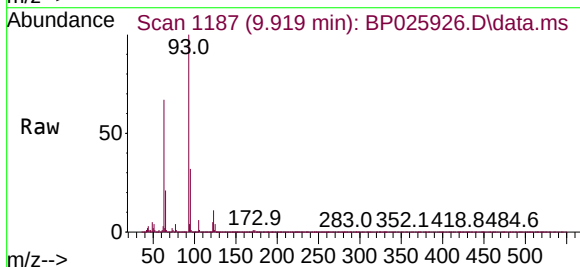
Tgt Ion: 93 Resp: 713728

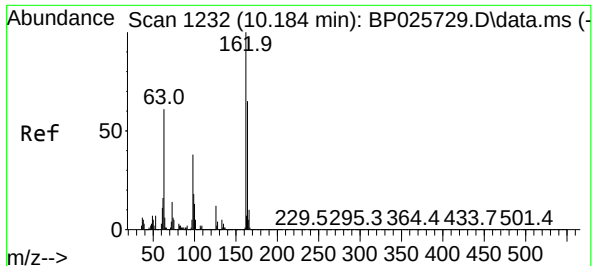
Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 47.333 ng

RT: 10.178 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

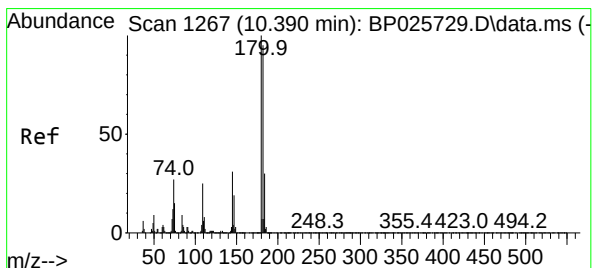
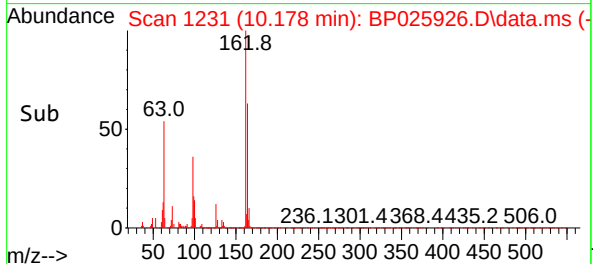
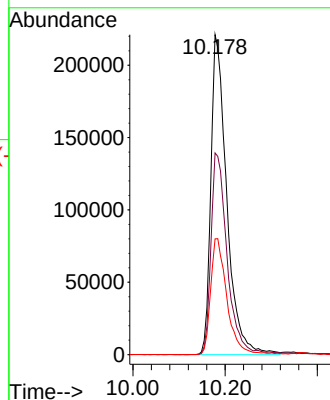
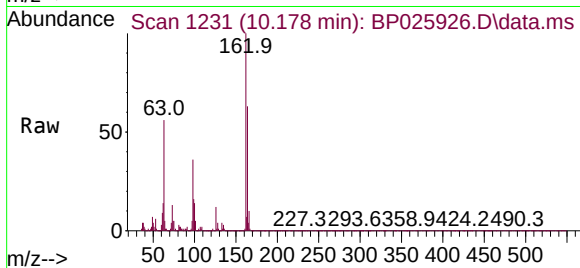
Tgt Ion:162 Resp: 527646

Ion Ratio Lower Upper

162 100

164 63.0 44.7 84.7

98 36.2 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.609 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.023 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

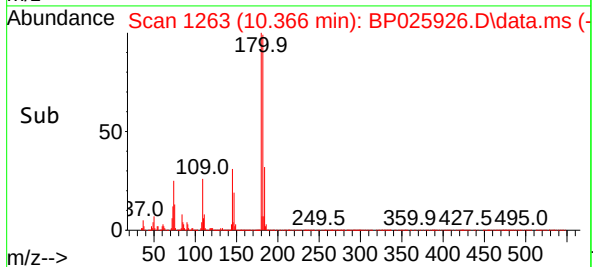
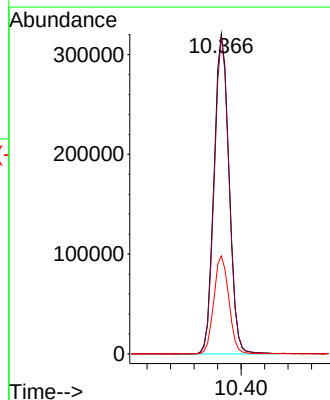
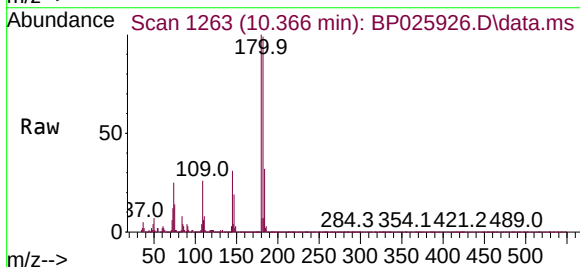
Tgt Ion:180 Resp: 573003

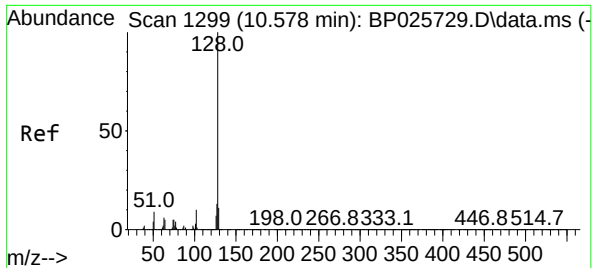
Ion Ratio Lower Upper

180 100

182 99.1 76.0 114.0

145 30.6 24.7 37.1

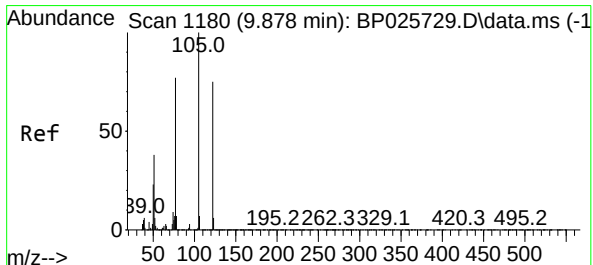
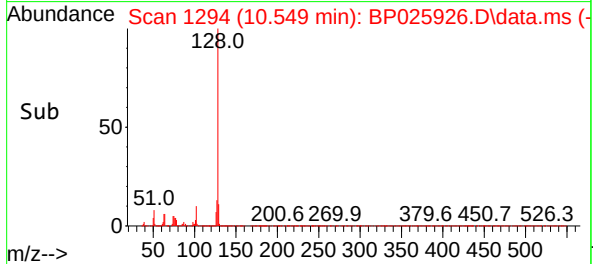
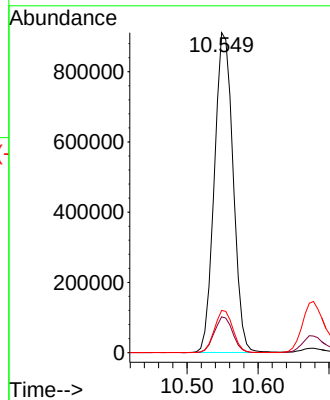
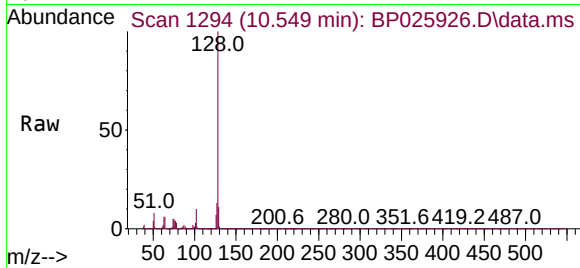




#31
Naphthalene
Concen: 43.898 ng
RT: 10.549 min Scan# 1299
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

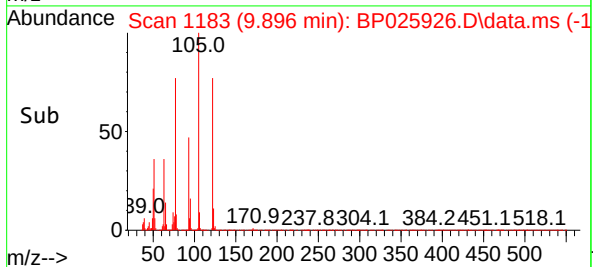
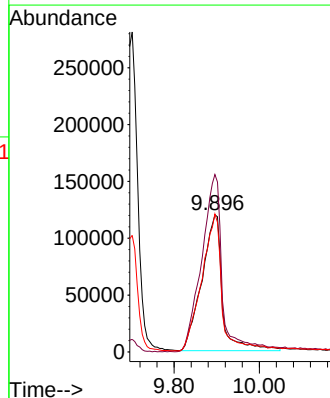
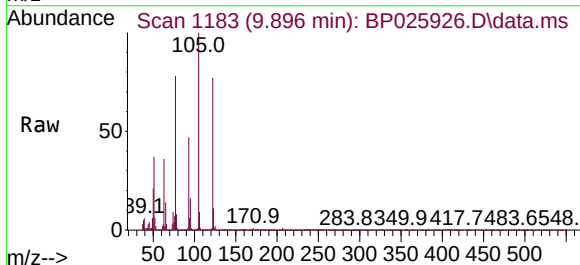
Instrument :
BNA_P
ClientSampleId :
PB169989BS

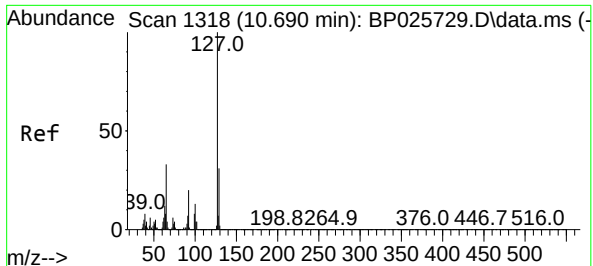
Tgt Ion:128 Resp: 1670664
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.2 10.2 15.4



#32
Benzoic acid
Concen: 48.280 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:122 Resp: 401328
Ion Ratio Lower Upper
122 100
105 129.5 111.5 151.5
77 100.6 81.8 121.8

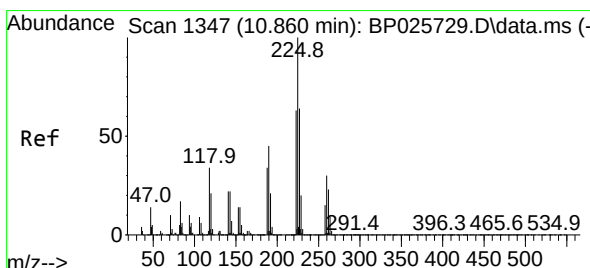
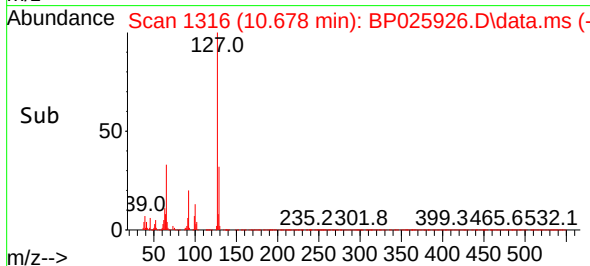
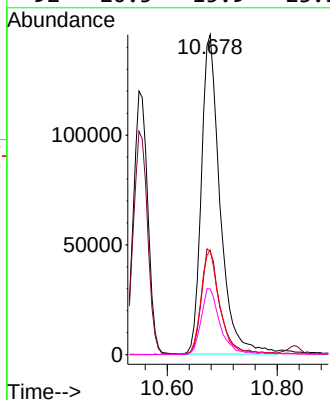
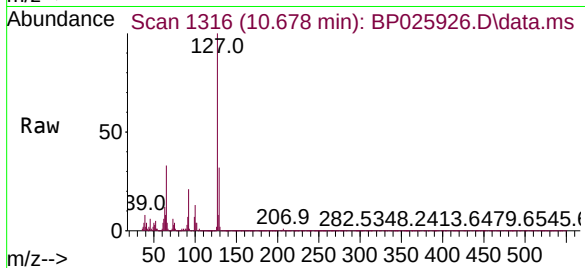




#33
4-Chloroaniline
Concen: 21.716 ng
RT: 10.678 min Scan# 1318
Delta R.T. -0.012 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

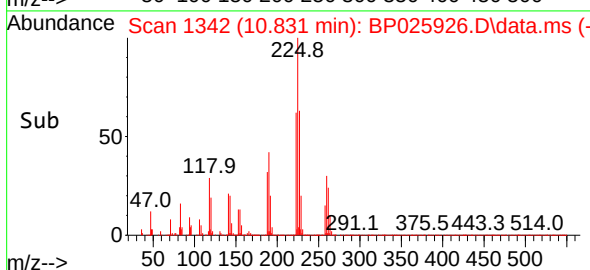
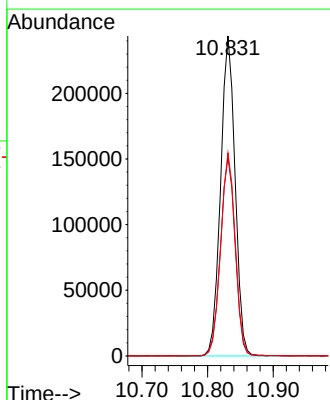
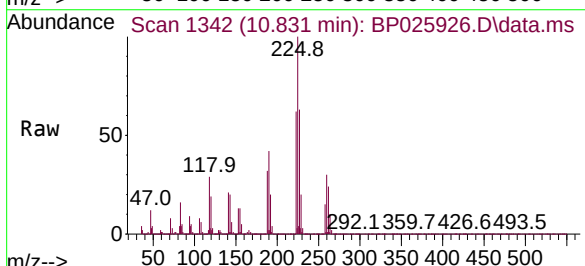
Instrument :
BNA_P
ClientSampleId :
PB169989BS

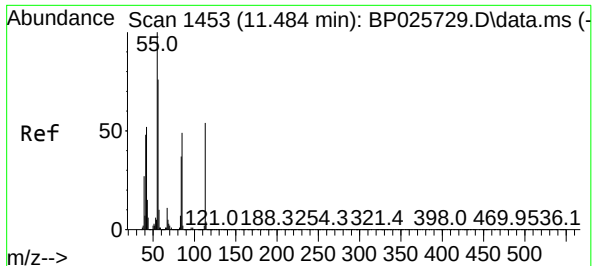
Tgt Ion:	127	Resp:	344464
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.1	37.7
65	32.7	26.4	39.6
92	20.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 46.406 ng
RT: 10.831 min Scan# 1342
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:	225	Resp:	375311
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	63.5	51.2	76.8

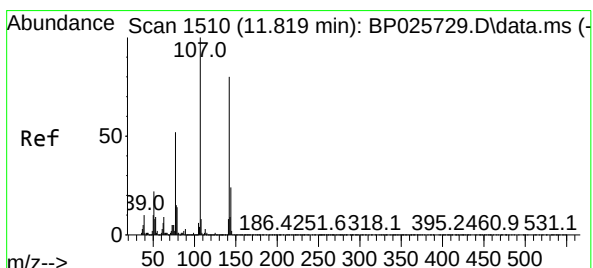
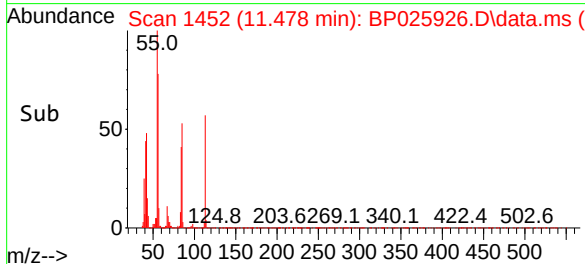
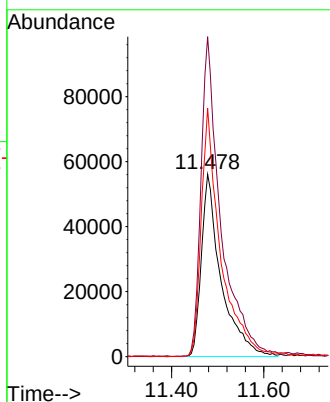
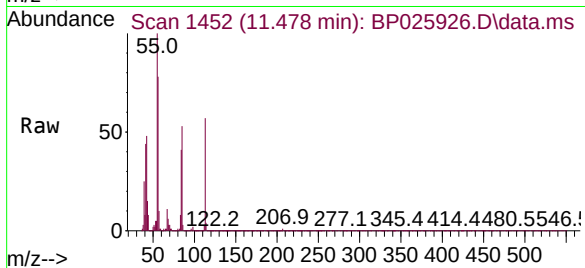




#35
Caprolactam
Concen: 38.703 ng
RT: 11.478 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

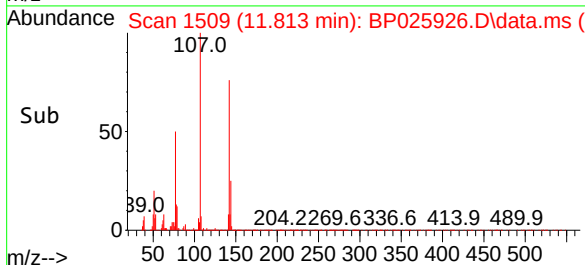
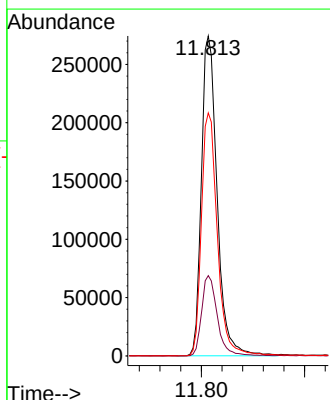
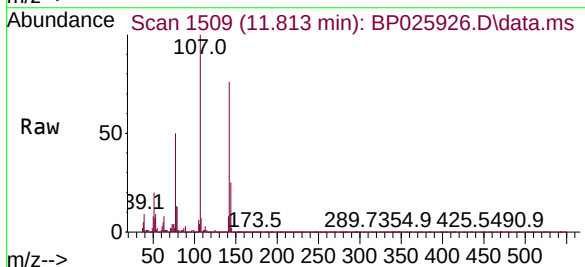
Instrument :
BNA_P
ClientSampleId :
PB169989BS

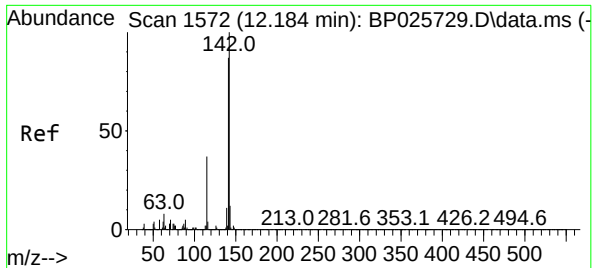
Tgt Ion	Ratio	Lower	Upper
113	100		
55	175.6	165.5	205.5
56	136.4	121.1	161.1



#36
4-Chloro-3-methylphenol
Concen: 43.654 ng
RT: 11.813 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.4	29.2
142	75.9	63.8	95.6

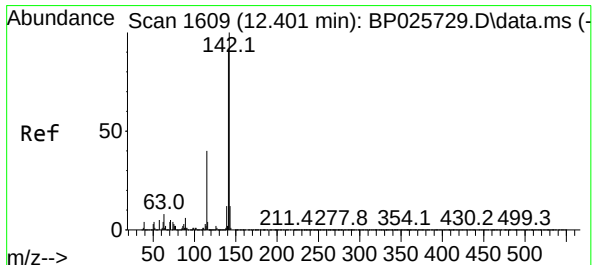
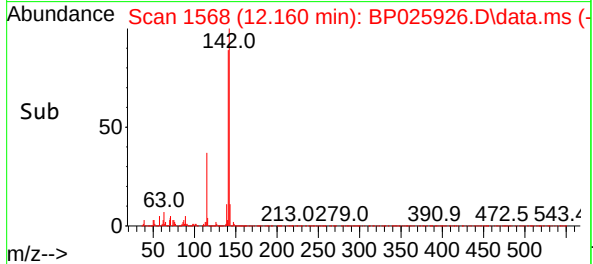
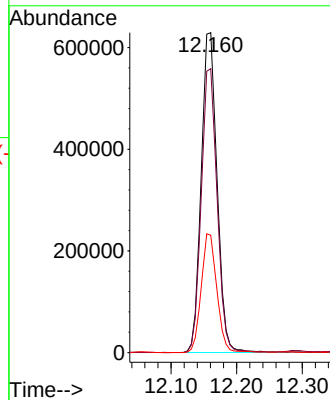
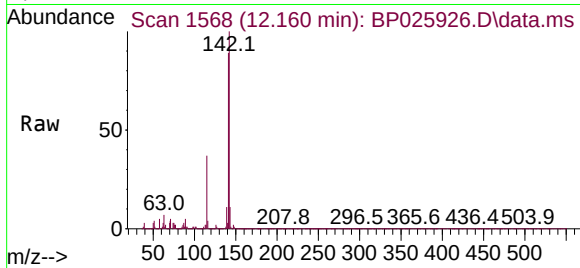




#37
2-Methylnaphthalene
Concen: 43.071 ng
RT: 12.160 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

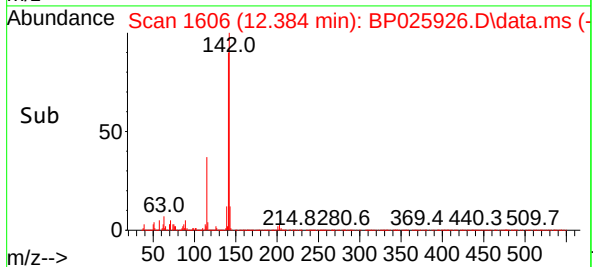
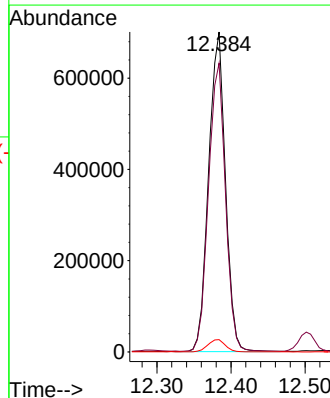
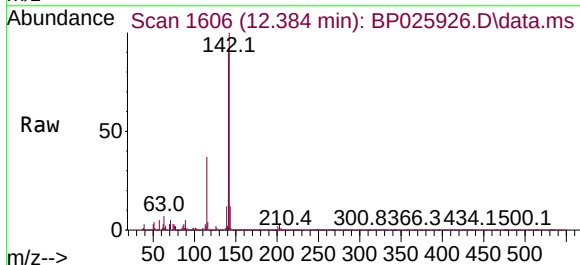
Instrument :
BNA_P
ClientSampleId :
PB169989BS

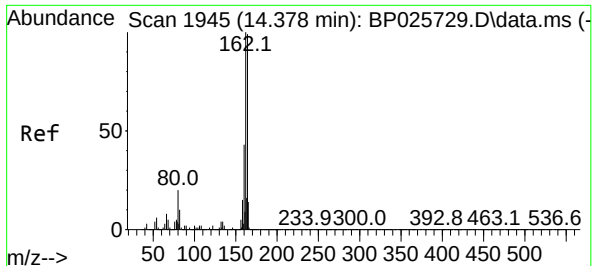
Tgt Ion:142 Resp: 1052812
Ion Ratio Lower Upper
142 100
141 88.7 69.6 104.4
115 36.7 30.0 45.0



#38
1-Methylnaphthalene
Concen: 42.322 ng
RT: 12.384 min Scan# 1606
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

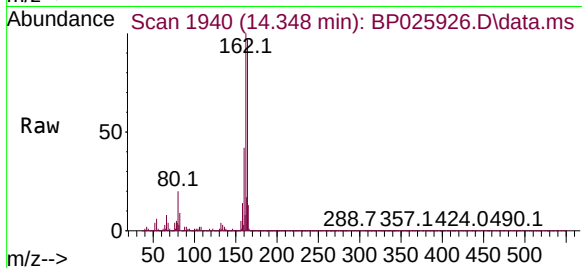
Tgt Ion:142 Resp: 1103165
Ion Ratio Lower Upper
142 100
141 90.2 72.7 109.1
116 3.8 3.5 5.3



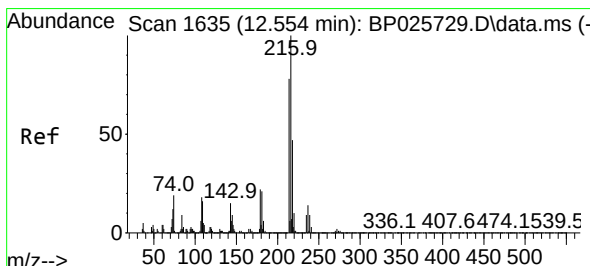
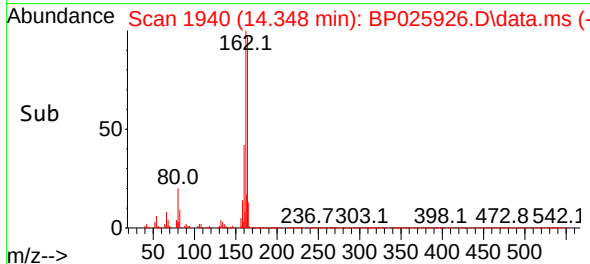
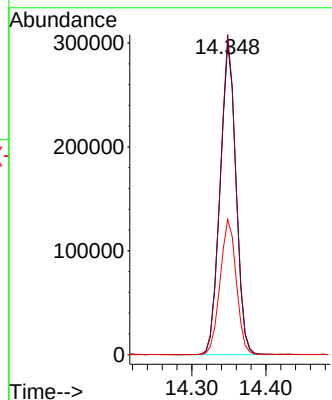


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.348 min Scan# 1940
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Instrument :
BNA_P
ClientSampleId :
PB169989BS

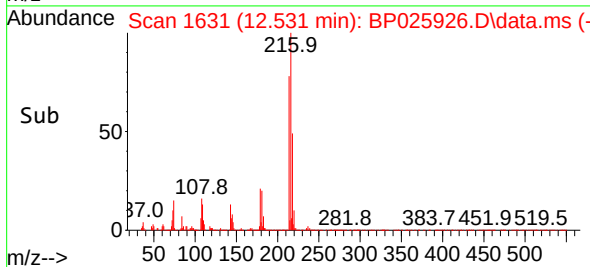
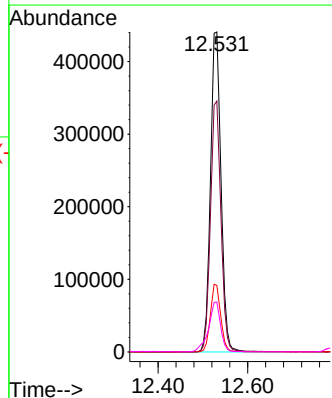
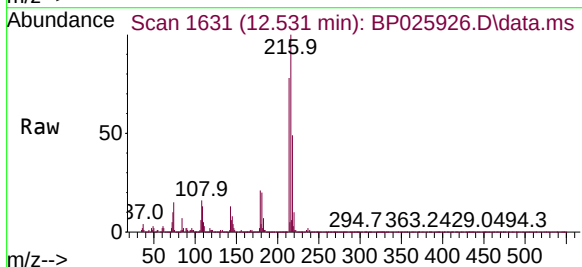


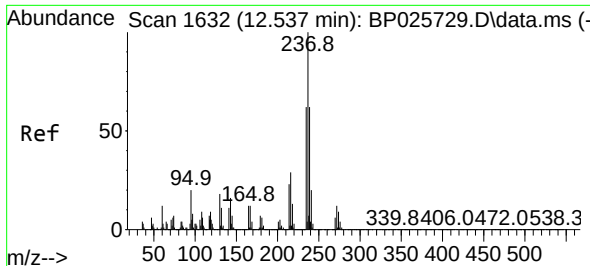
Tgt Ion:164 Resp: 446200
Ion Ratio Lower Upper
164 100
162 102.7 80.6 120.8
160 43.4 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.209 ng
RT: 12.531 min Scan# 1631
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:216 Resp: 719436
Ion Ratio Lower Upper
216 100
214 77.9 62.4 93.6
179 20.8 17.0 25.6
108 17.8 15.2 22.8

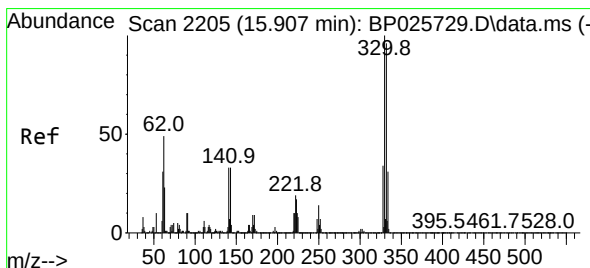
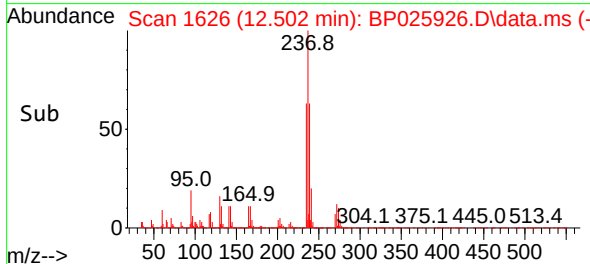
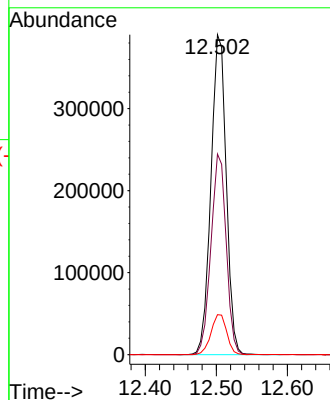
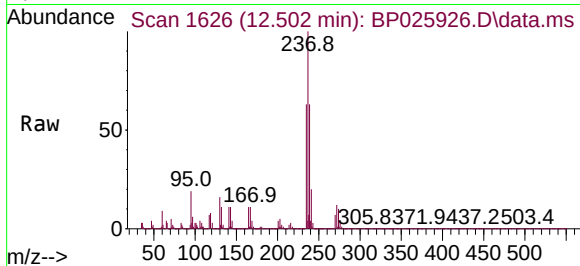




#41
Hexachlorocyclopentadiene
Concen: 79.070 ng
RT: 12.502 min Scan# 10
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

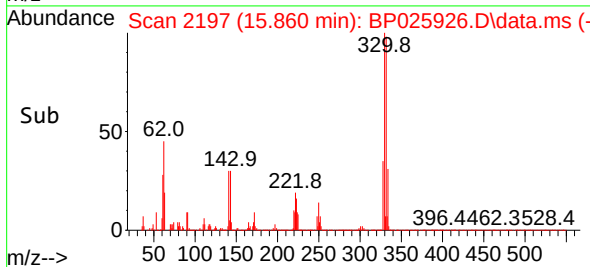
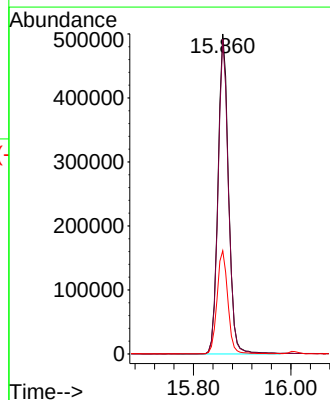
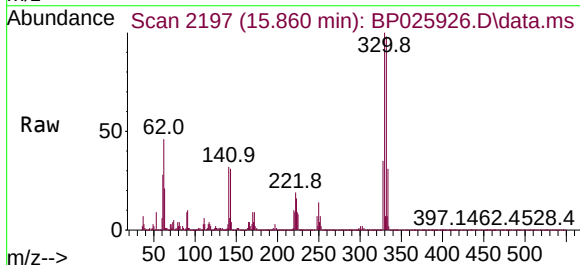
Instrument :
BNA_P
ClientSampleId :
PB169989BS

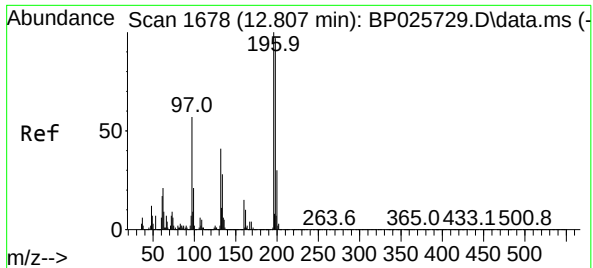
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.7	41.9	81.9
272	12.5	0.0	31.8



#42
2,4,6-Tribromophenol
Concen: 134.070 ng
RT: 15.860 min Scan# 2197
Delta R.T. -0.047 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.9	115.3
141	33.1	31.0	46.4

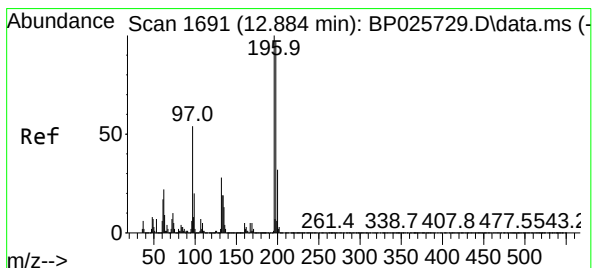
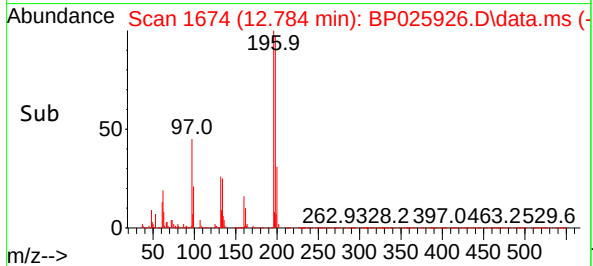
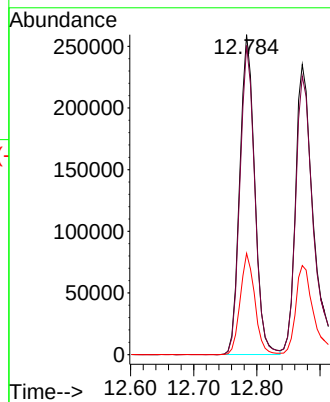
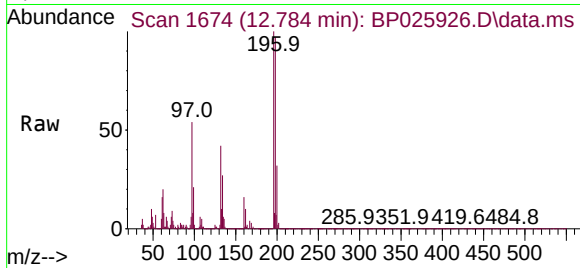




#43
2,4,6-Trichlorophenol
Concen: 47.780 ng
RT: 12.784 min Scan# 1678
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

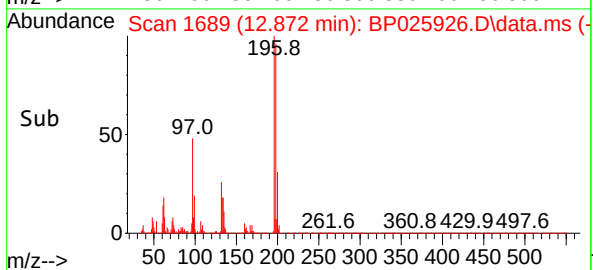
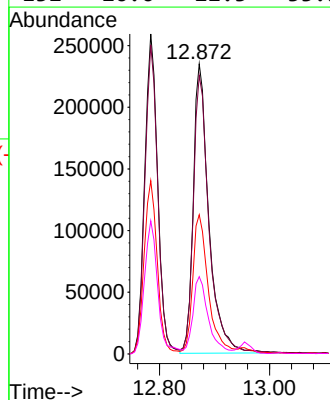
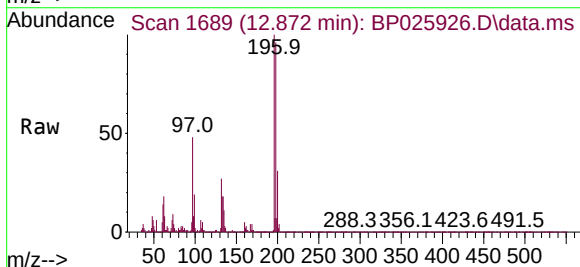
Instrument :
BNA_P
ClientSampleId :
PB169989BS

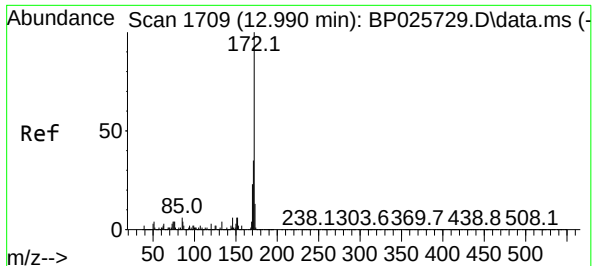
Tgt Ion:196 Resp: 424698
Ion Ratio Lower Upper
196 100
198 96.6 77.2 115.8
200 31.6 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 46.902 ng
RT: 12.872 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:196 Resp: 463981
Ion Ratio Lower Upper
196 100
198 95.9 77.8 116.8
97 47.9 43.3 64.9
132 26.6 22.3 33.5





#45

2-Fluorobiphenyl

Concen: 78.418 ng

RT: 12.954 min Scan# 1703

Delta R.T. -0.035 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

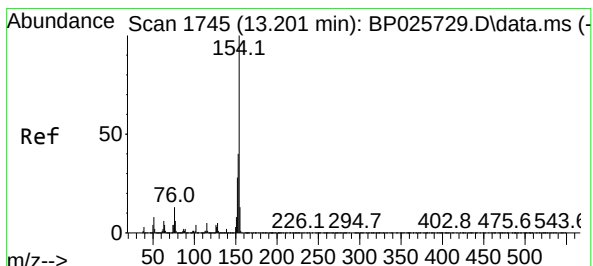
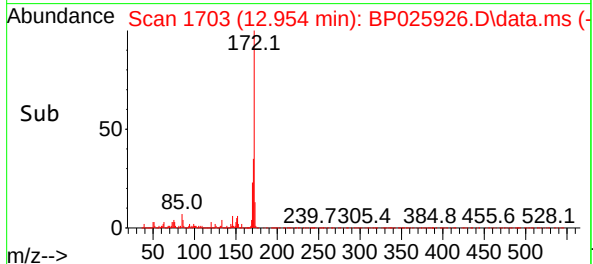
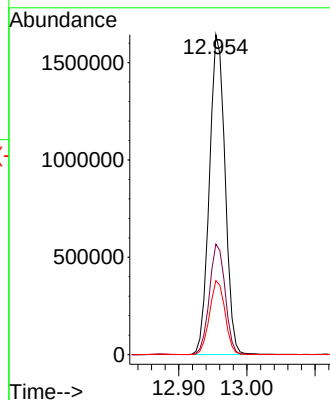
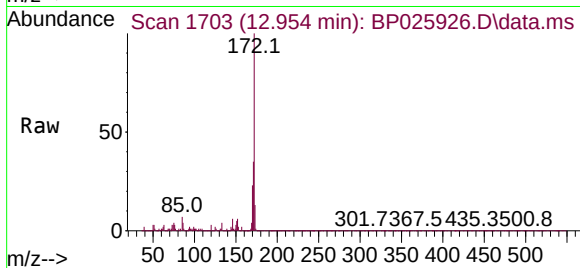
Tgt Ion:172 Resp: 2627876

Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.6

170 23.1 18.6 27.8



#46

1,1'-Biphenyl

Concen: 50.134 ng

RT: 13.166 min Scan# 1739

Delta R.T. -0.035 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

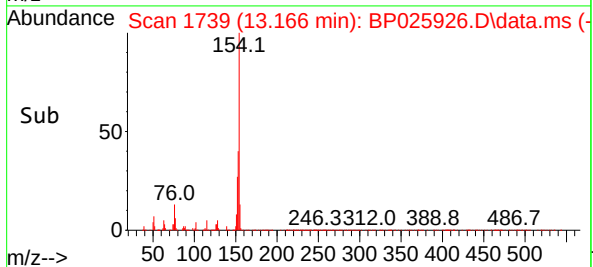
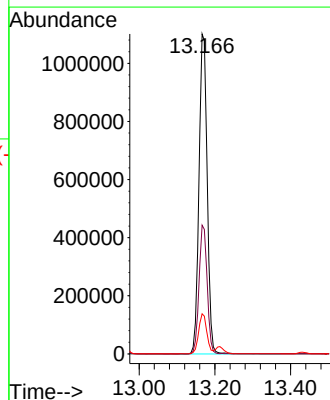
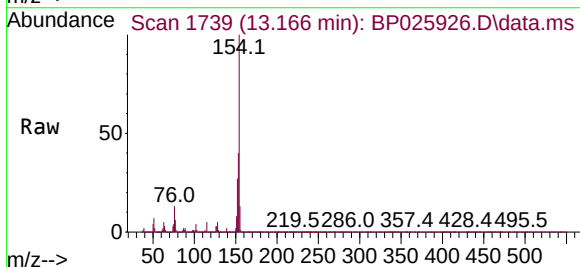
Tgt Ion:154 Resp: 1641960

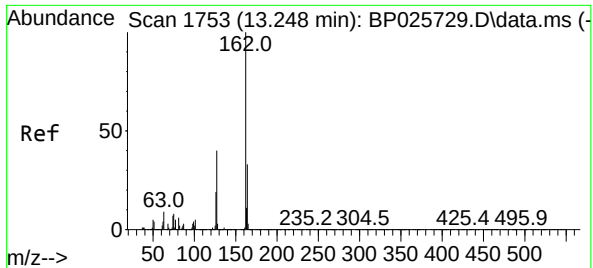
Ion Ratio Lower Upper

154 100

153 40.2 19.7 59.7

76 12.5 0.0 33.3

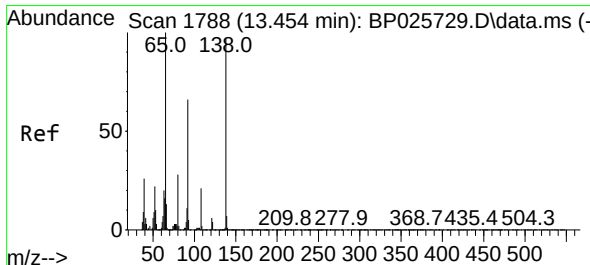
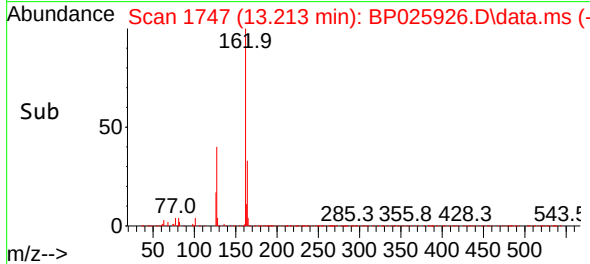
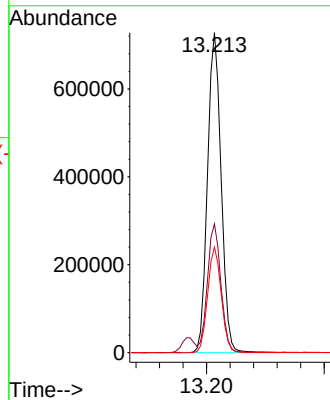
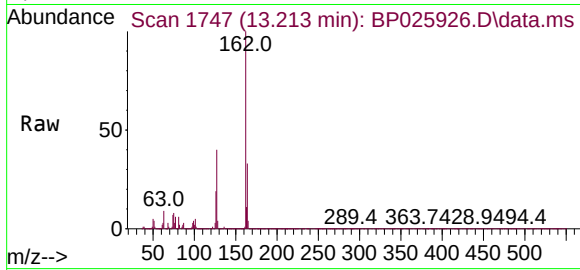




#47
2-Chloronaphthalene
Concen: 45.466 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

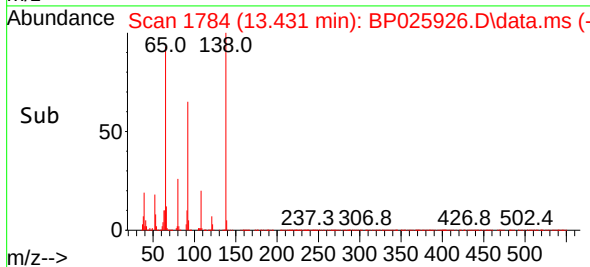
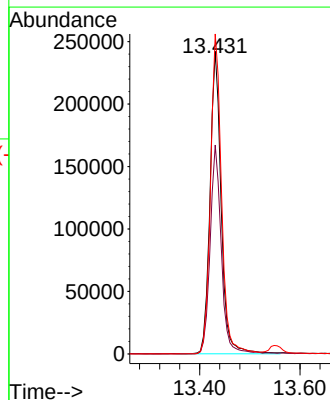
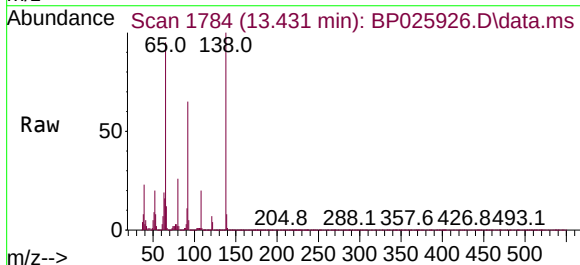
Instrument :
BNA_P
ClientSampleId :
PB169989BS

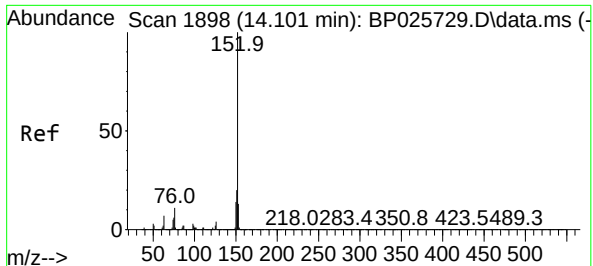
Tgt Ion:162 Resp: 1172498
Ion Ratio Lower Upper
162 100
127 40.2 32.2 48.4
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 43.407 ng
RT: 13.431 min Scan# 1784
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 65 Resp: 373141
Ion Ratio Lower Upper
65 100
92 69.1 53.1 79.7
138 105.8 77.8 116.8





#49

Acenaphthylene

Concen: 44.951 ng

RT: 14.066 min Scan# 1892

Delta R.T. -0.035 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

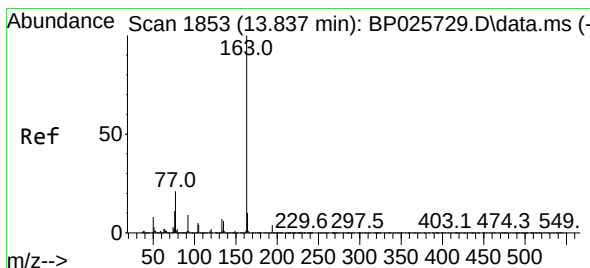
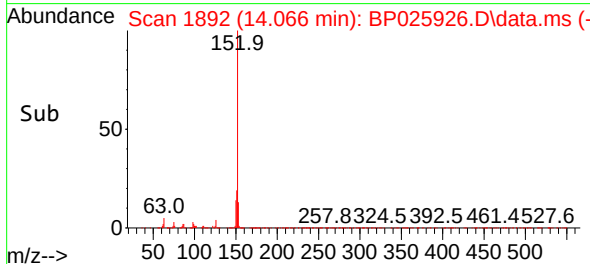
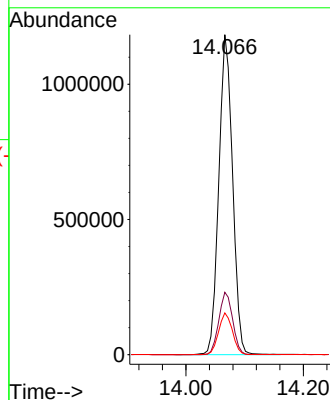
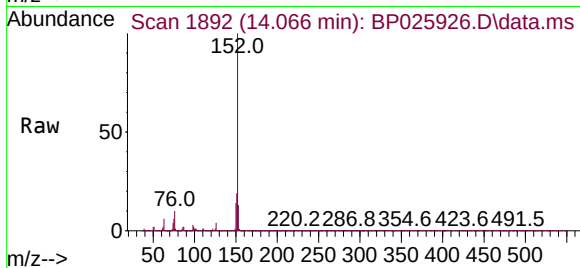
Tgt Ion:152 Resp: 1920689

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 43.369 ng

RT: 13.801 min Scan# 1847

Delta R.T. -0.035 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

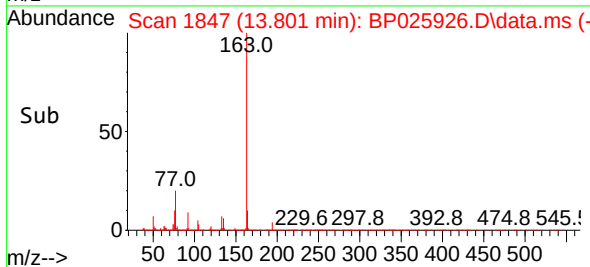
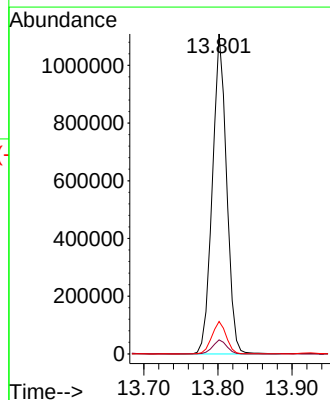
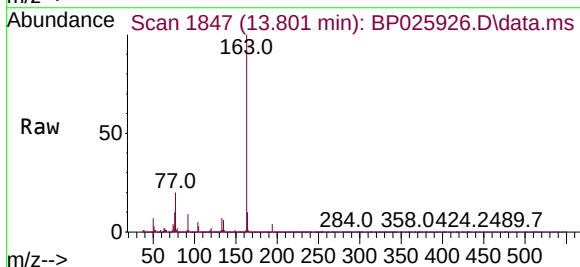
Tgt Ion:163 Resp: 1477408

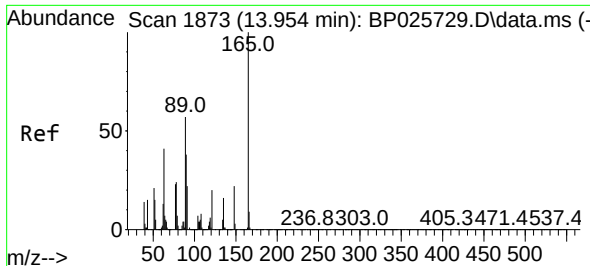
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 8.2 12.2

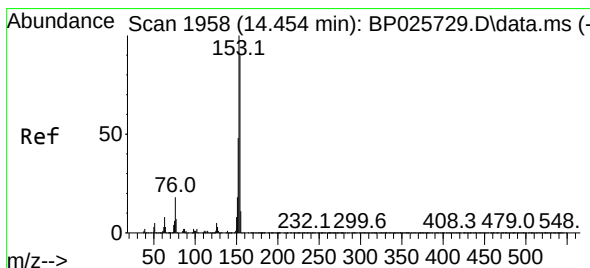
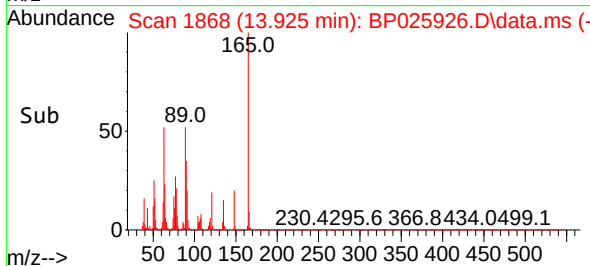
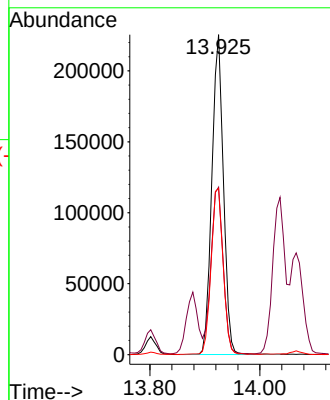
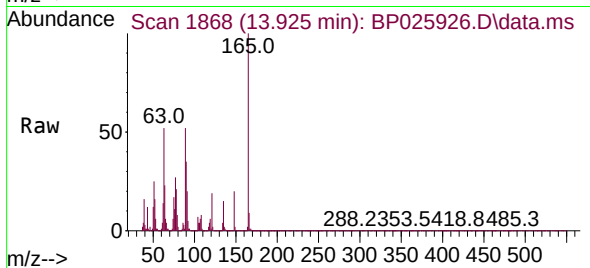




#51
2,6-Dinitrotoluene
Concen: 45.687 ng
RT: 13.925 min Scan# 1873
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

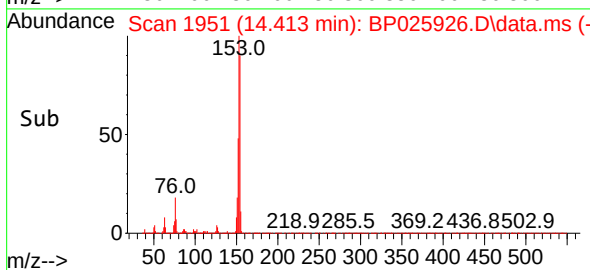
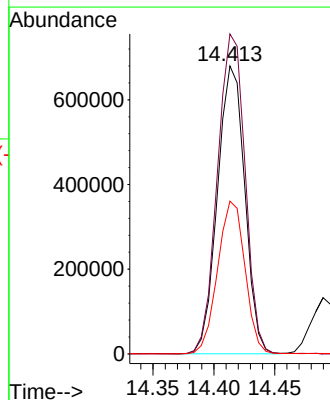
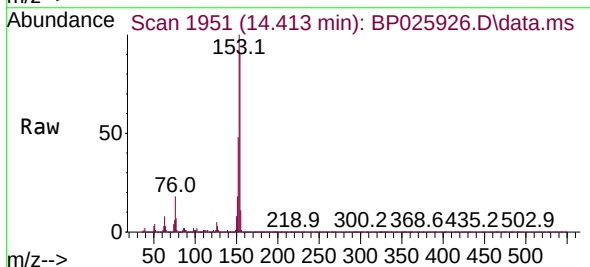
Instrument :
BNA_P
ClientSampleId :
PB169989BS

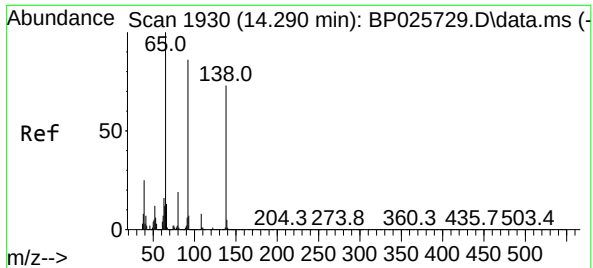
Tgt Ion:165 Resp: 329743
Ion Ratio Lower Upper
165 100
63 52.3 48.1 72.1
89 52.0 45.4 68.0



#52
Acenaphthene
Concen: 43.074 ng
RT: 14.413 min Scan# 1951
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:154 Resp: 1061393
Ion Ratio Lower Upper
154 100
153 111.2 89.4 134.0
152 53.0 42.5 63.7

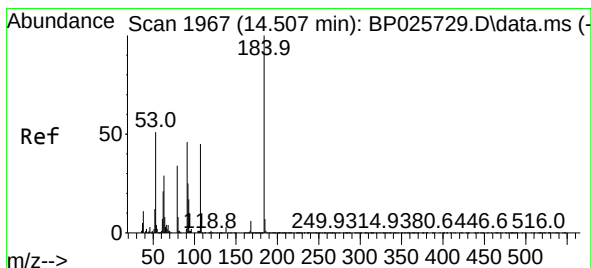
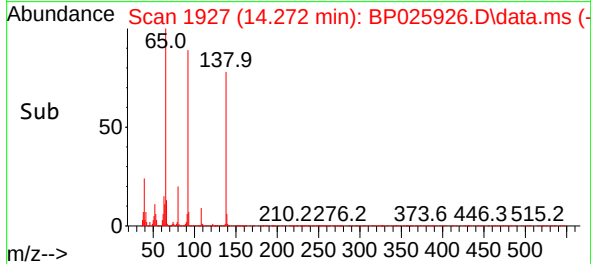
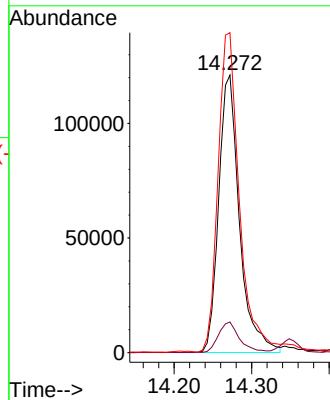
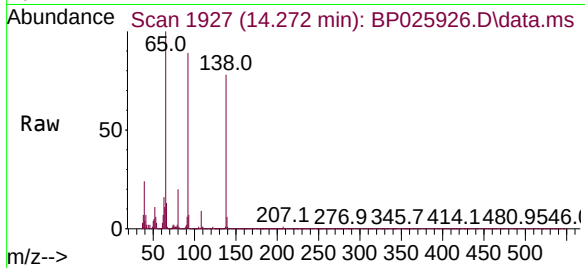




#53
3-Nitroaniline
Concen: 29.818 ng
RT: 14.272 min Scan# 1930
Delta R.T. -0.018 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

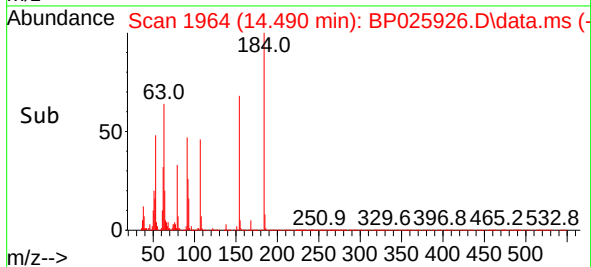
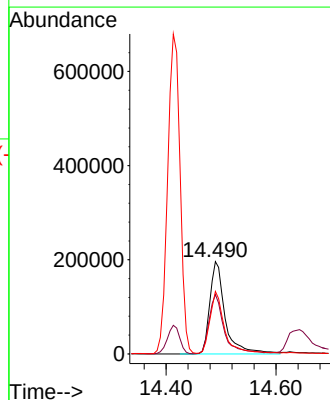
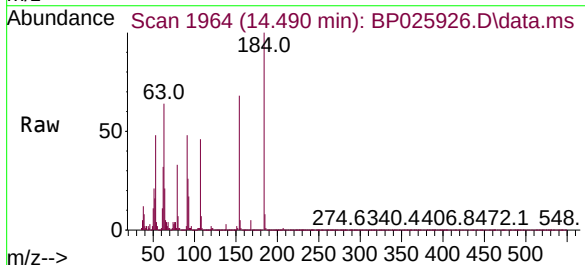
Instrument :
BNA_P
ClientSampleId :
PB169989BS

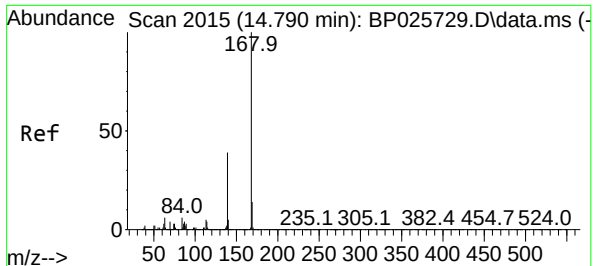
Tgt Ion:138 Resp: 226308
Ion Ratio Lower Upper
138 100
108 11.0 8.7 13.1
92 115.3 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 80.595 ng
RT: 14.490 min Scan# 1964
Delta R.T. -0.017 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:184 Resp: 378378
Ion Ratio Lower Upper
184 100
63 64.2 52.5 78.7
154 67.8 51.5 77.3

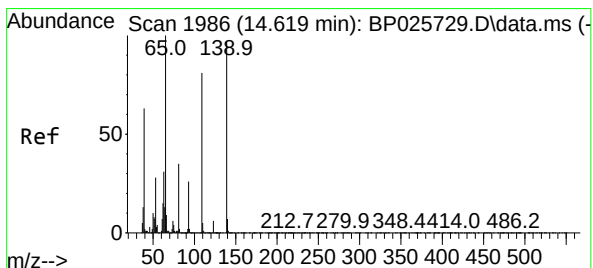
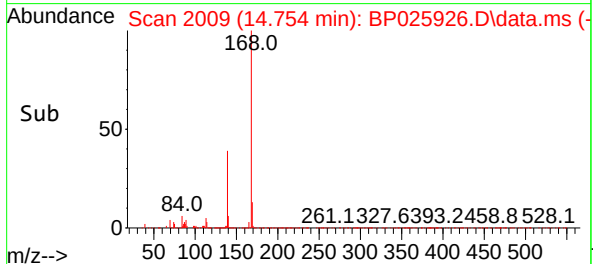
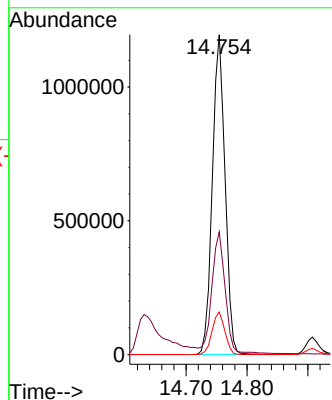
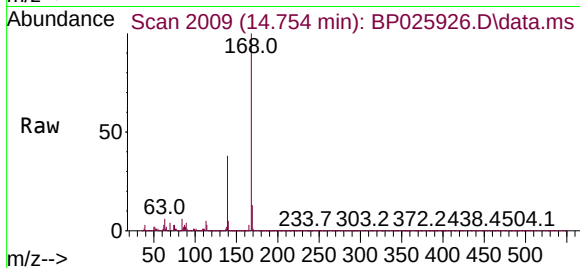




#55
Dibenzofuran
Concen: 43.138 ng
RT: 14.754 min Scan# 2015
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

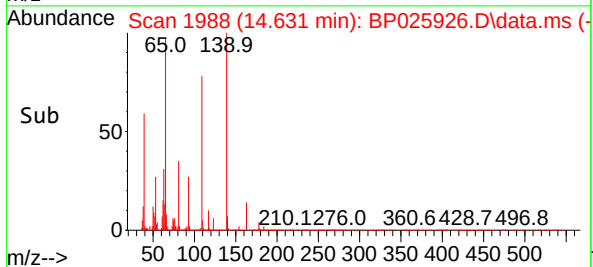
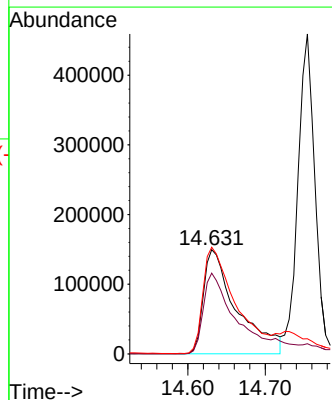
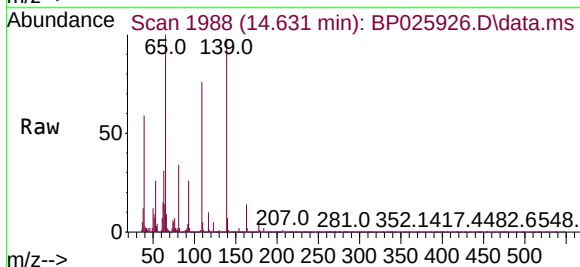
Instrument :
BNA_P
ClientSampleId :
PB169989BS

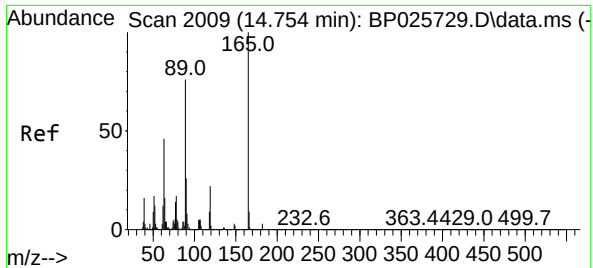
Tgt Ion:168 Resp: 1732447
Ion Ratio Lower Upper
168 100
139 38.4 31.7 47.5
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 68.863 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.012 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:139 Resp: 445764
Ion Ratio Lower Upper
139 100
109 77.4 62.9 102.9
65 102.3 83.4 123.4

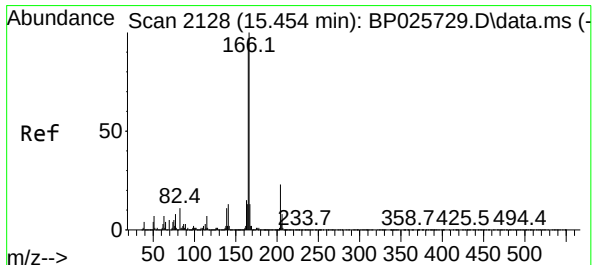
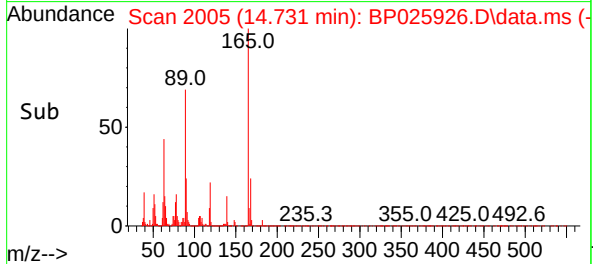
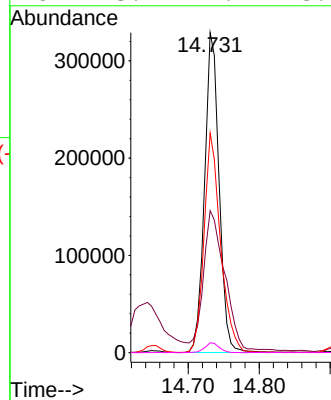
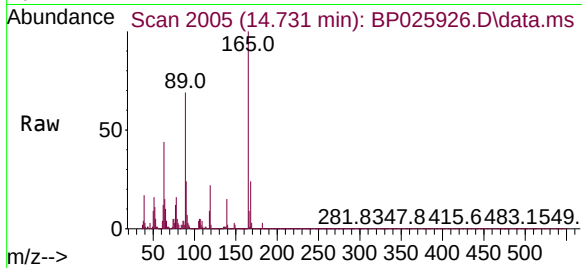




#57
2,4-Dinitrotoluene
Concen: 45.326 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

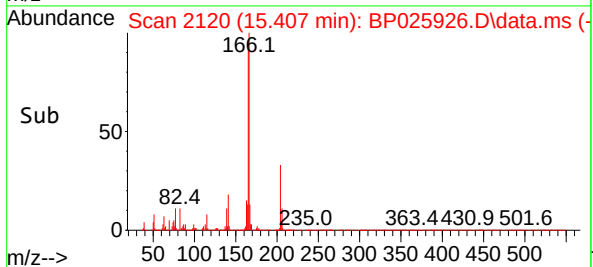
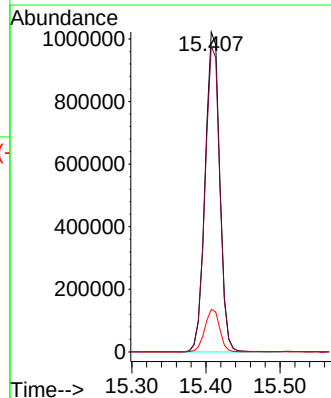
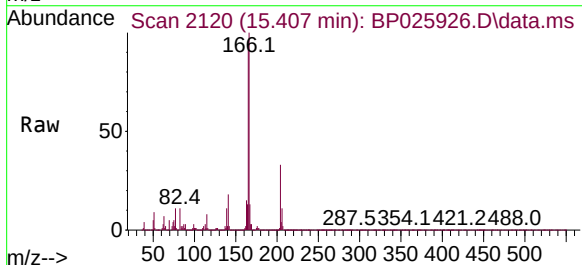
Instrument :
BNA_P
ClientSampleId :
PB169989BS

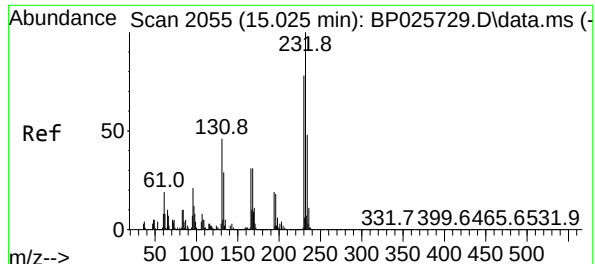
Tgt Ion:165 Resp: 465563
Ion Ratio Lower Upper
165 100
63 44.3 37.7 56.5
89 68.6 61.0 91.6
182 3.1 2.4 3.6



#58
Fluorene
Concen: 43.842 ng
RT: 15.407 min Scan# 2120
Delta R.T. -0.047 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:166 Resp: 1400085
Ion Ratio Lower Upper
166 100
165 95.6 77.7 116.5
167 13.3 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.100 ng

RT: 14.996 min Scan# 2055

Delta R.T. -0.029 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

Tgt Ion:232 Resp: 410812

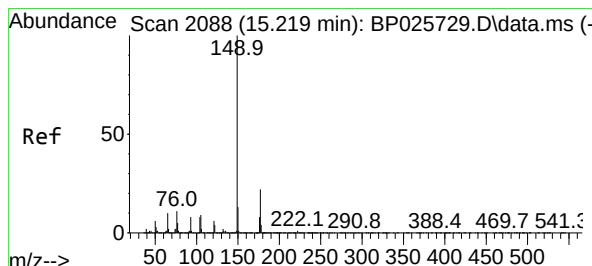
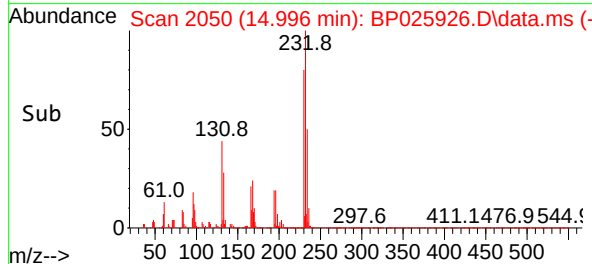
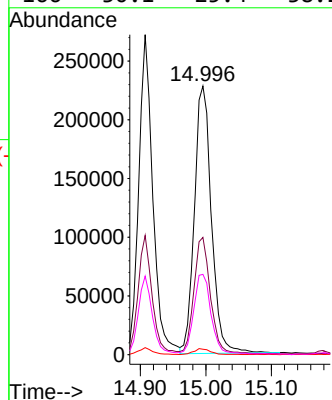
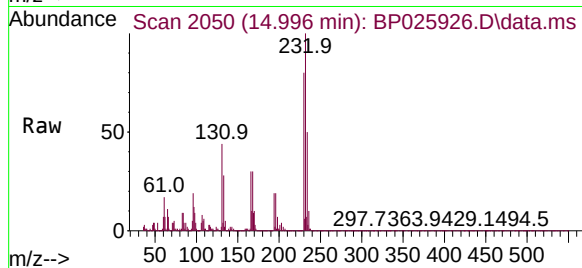
Ion Ratio Lower Upper

232 100

131 42.4 36.7 55.1

130 2.1 2.0 3.0

166 30.1 25.4 38.2



#60

Diethylphthalate

Concen: 43.207 ng

RT: 15.178 min Scan# 2081

Delta R.T. -0.041 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

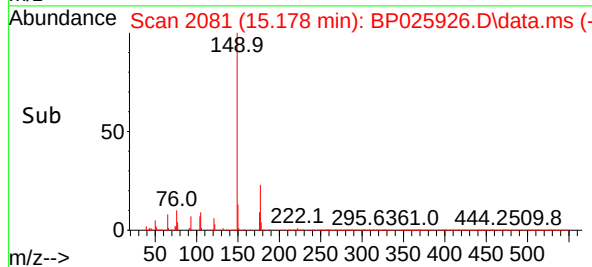
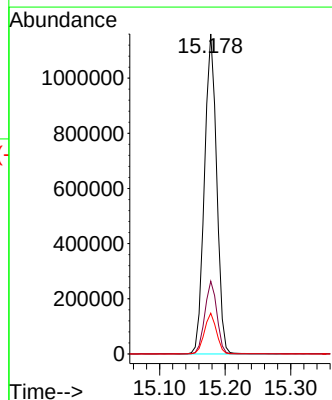
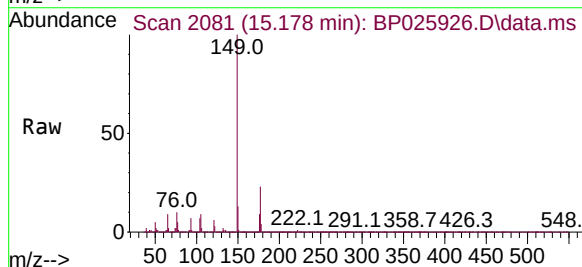
Tgt Ion:149 Resp: 1493012

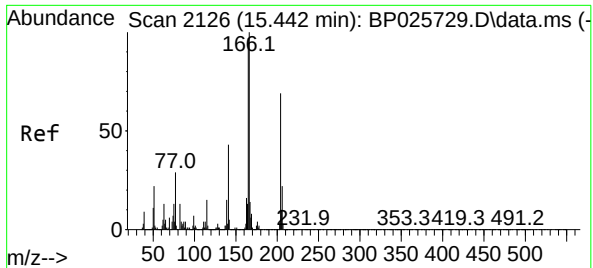
Ion Ratio Lower Upper

149 100

177 22.7 17.7 26.5

150 12.7 10.0 15.0

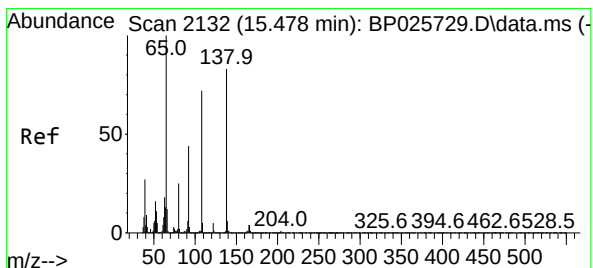
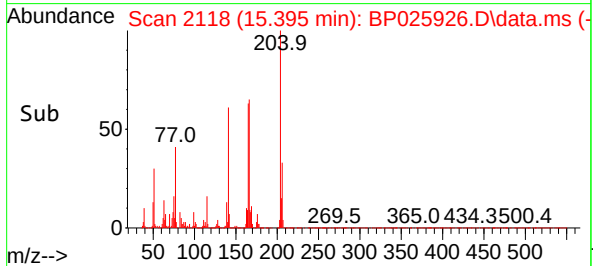
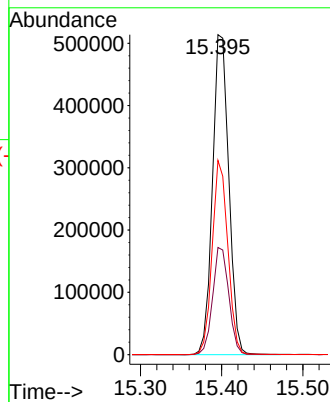
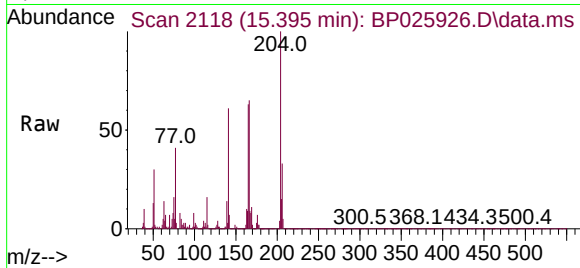




#61
4-Chlorophenyl-phenylether
Concen: 44.525 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.047 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

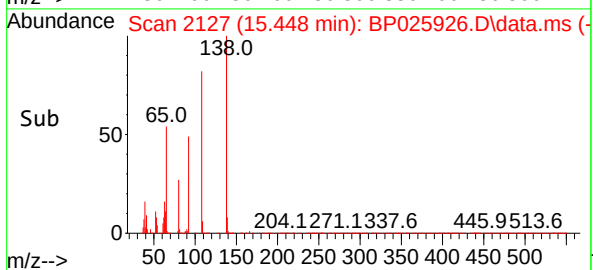
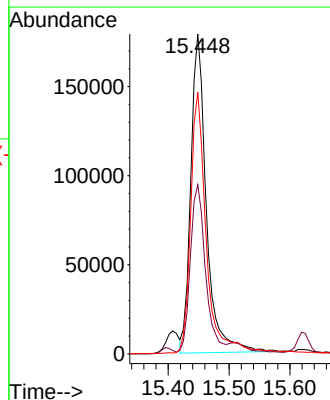
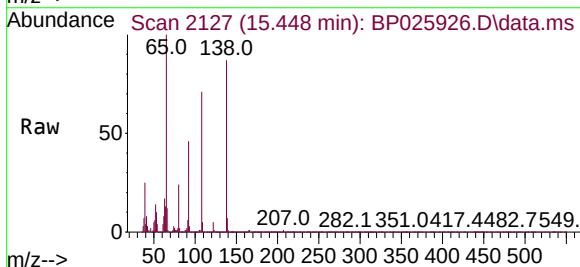
Instrument :
BNA_P
ClientSampleId :
PB169989BS

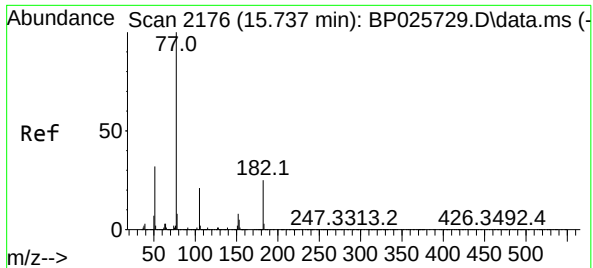
Tgt Ion:204 Resp: 716601
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 60.7 49.7 74.5



#62
4-Nitroaniline
Concen: 40.960 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:138 Resp: 318476
Ion Ratio Lower Upper
138 100
92 52.9 33.3 73.3
108 81.7 66.7 106.7

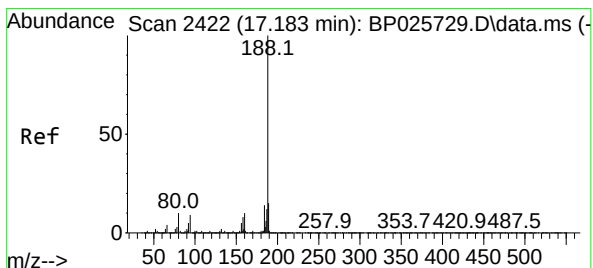
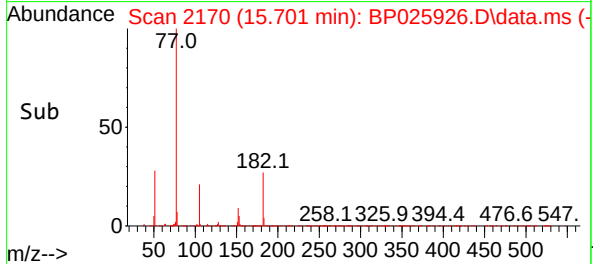
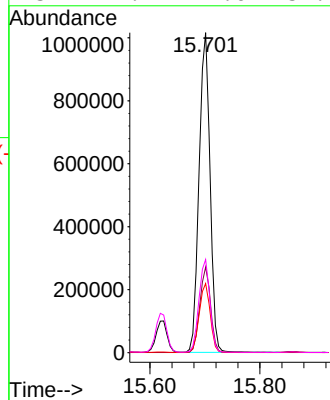
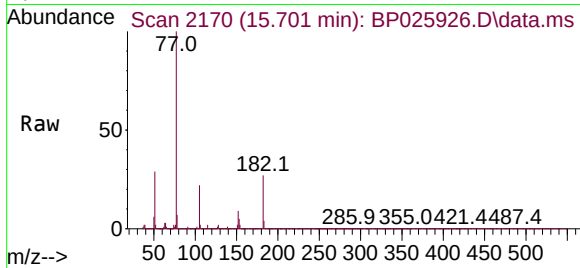




#63
Azobenzene
Concen: 42.000 ng
RT: 15.701 min Scan# 2170
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

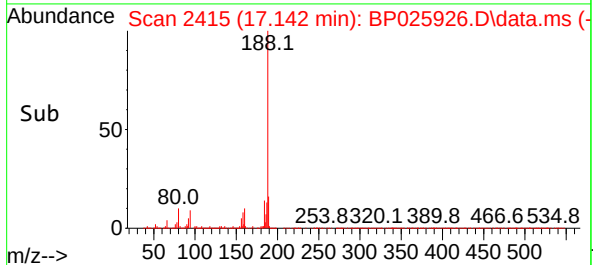
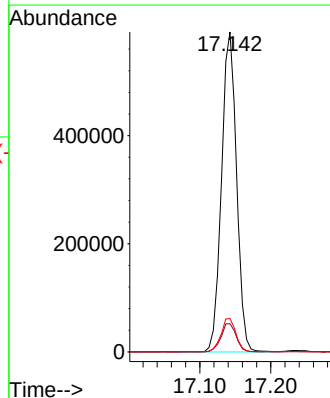
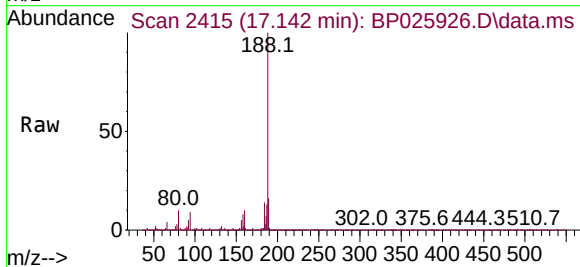
Instrument :
BNA_P
ClientSampleId :
PB169989BS

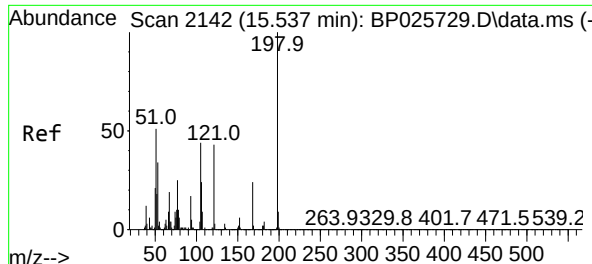
Tgt Ion: 77 Resp: 1403310
Ion Ratio Lower Upper
77 100
182 26.7 5.2 45.2
105 21.6 1.1 41.1
51 29.1 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2415
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion: 188 Resp: 872158
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.0
80 10.4 7.7 11.5

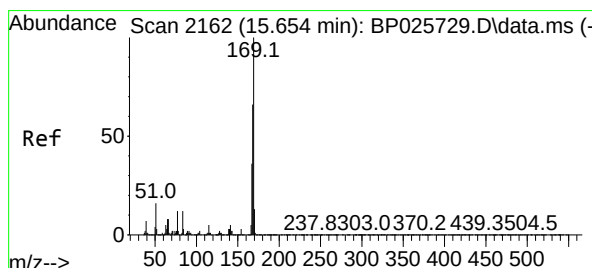
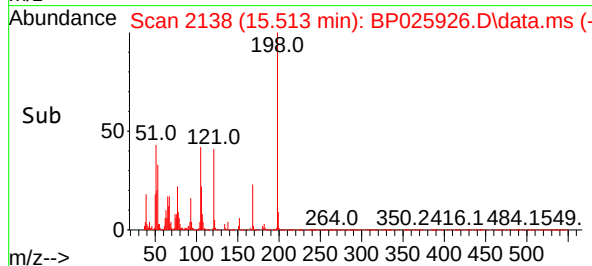
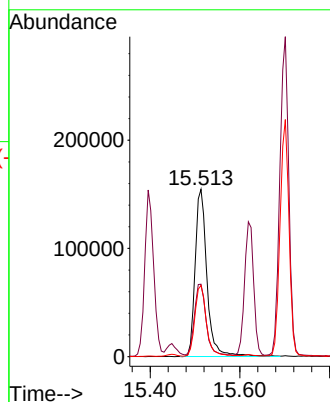
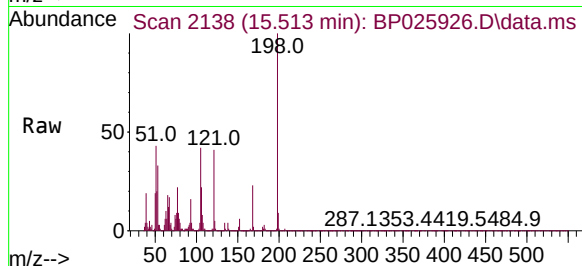




#65
4,6-Dinitro-2-methylphenol
Concen: 48.874 ng
RT: 15.513 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

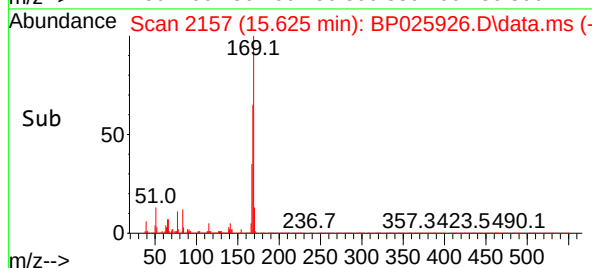
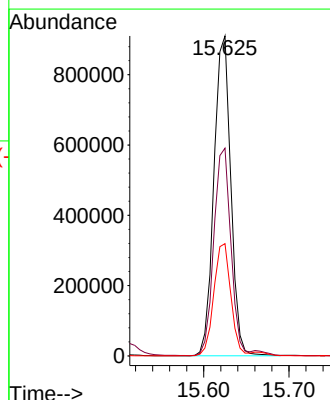
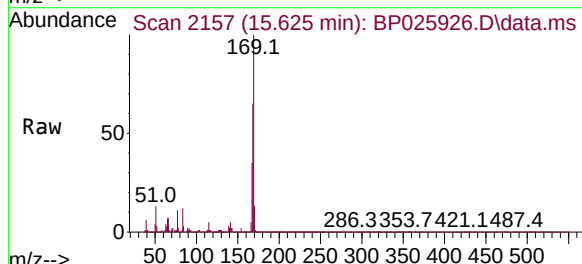
Instrument :
BNA_P
ClientSampleId :
PB169989BS

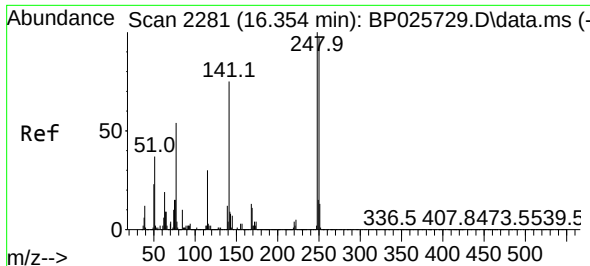
Tgt Ion:198 Resp: 283476
Ion Ratio Lower Upper
198 100
51 43.3 33.4 73.4
105 42.5 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 46.932 ng
RT: 15.625 min Scan# 2157
Delta R.T. -0.029 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:169 Resp: 1252628
Ion Ratio Lower Upper
169 100
168 64.9 52.6 78.8
167 35.1 28.5 42.7

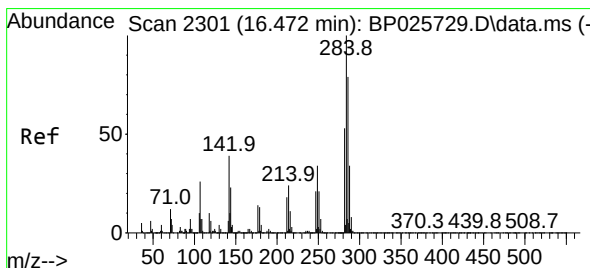
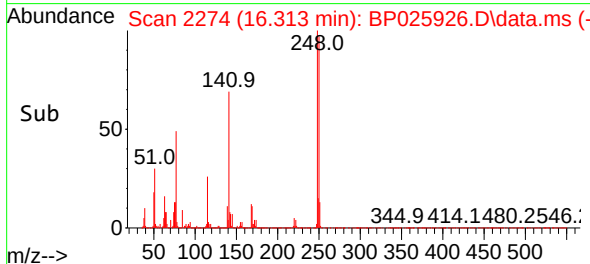
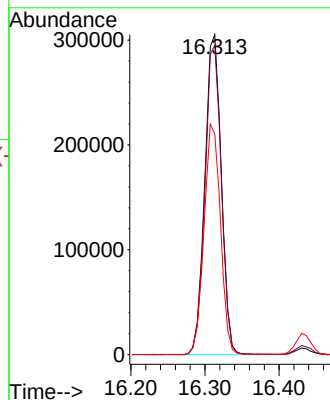
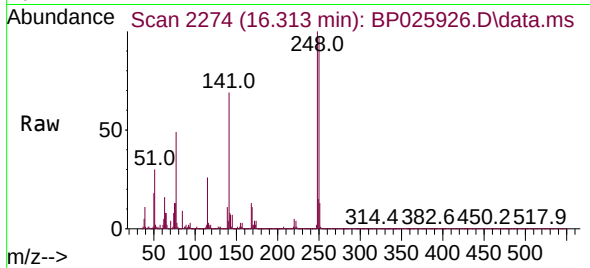




#67
4-Bromophenyl-phenylether
Concen: 49.075 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

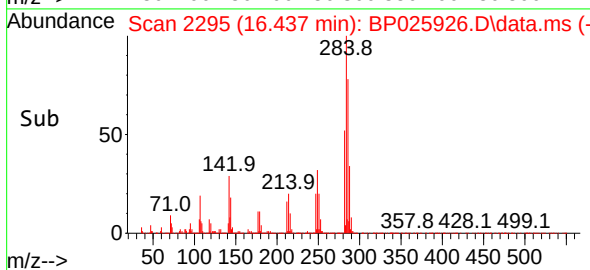
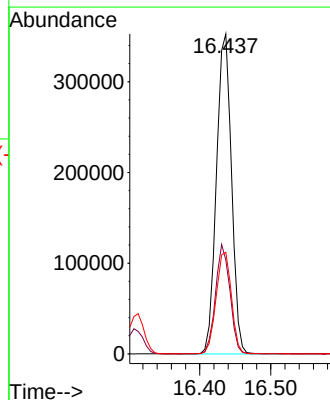
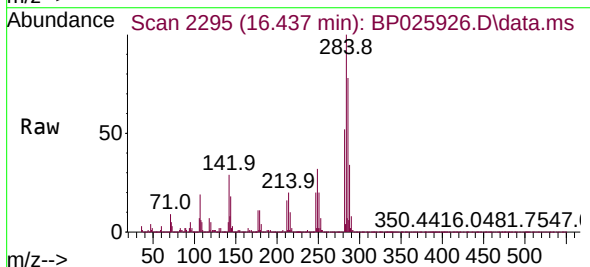
Instrument :
BNA_P
ClientSampleId :
PB169989BS

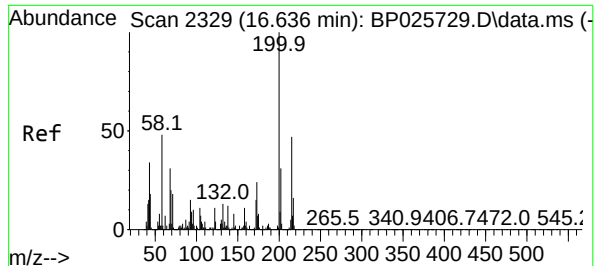
Tgt Ion:248 Resp: 470209
Ion Ratio Lower Upper
248 100
250 96.6 77.5 116.3
141 68.9 60.2 90.4



#68
Hexachlorobenzene
Concen: 48.701 ng
RT: 16.437 min Scan# 2295
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:284 Resp: 520367
Ion Ratio Lower Upper
284 100
142 29.4 31.3 46.9#
249 31.8 27.3 40.9





#69

Atrazine

Concen: 48.221 ng

RT: 16.595 min Scan# 2322

Delta R.T. -0.041 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

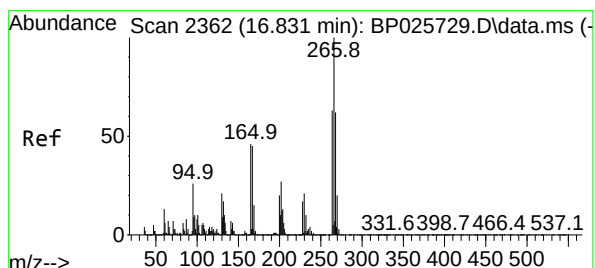
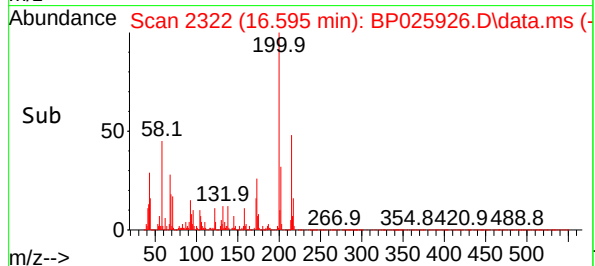
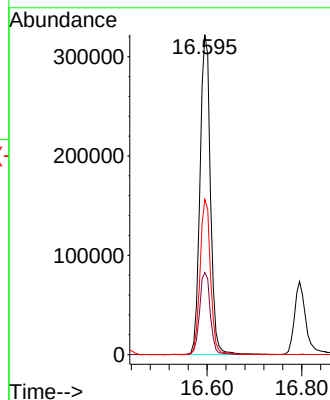
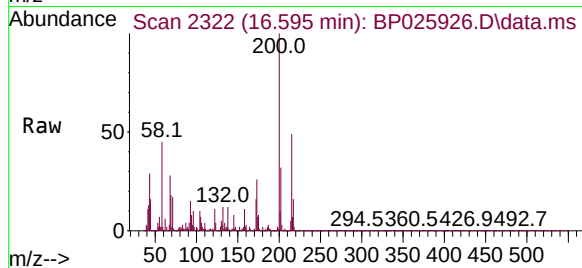
Tgt Ion:200 Resp: 491962

Ion Ratio Lower Upper

200 100

173 25.7 4.2 44.2

215 48.5 27.3 67.3



#70

Pentachlorophenol

Concen: 89.795 ng

RT: 16.795 min Scan# 2356

Delta R.T. -0.035 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

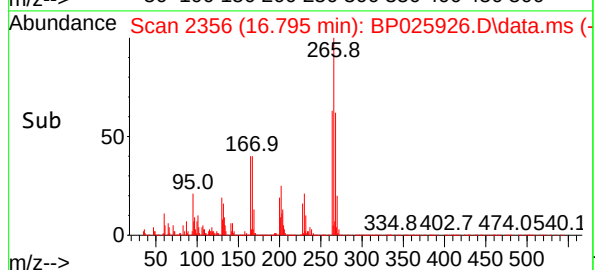
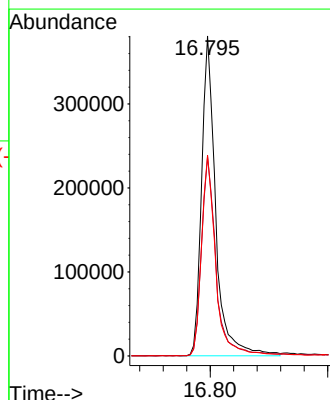
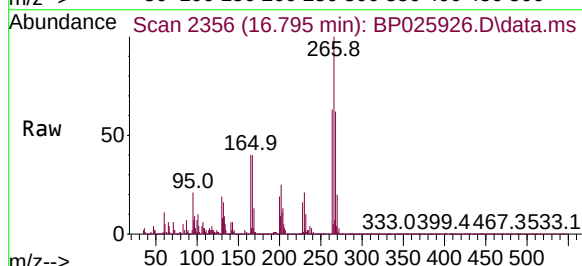
Tgt Ion:266 Resp: 633233

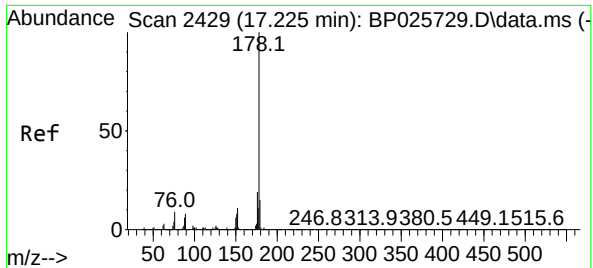
Ion Ratio Lower Upper

266 100

268 62.3 49.8 74.8

264 62.7 50.2 75.2

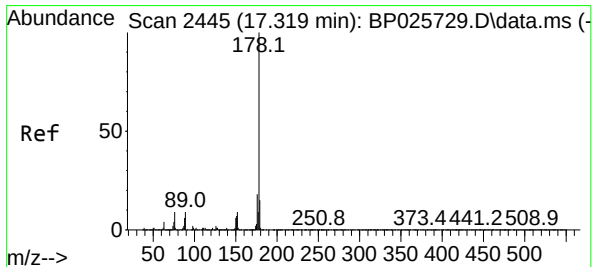
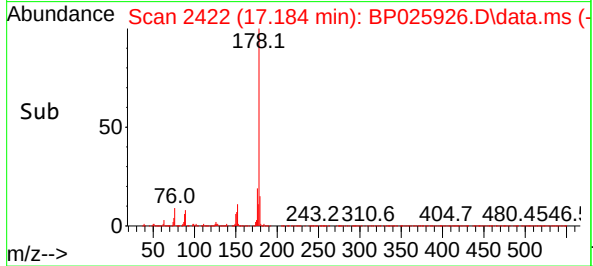
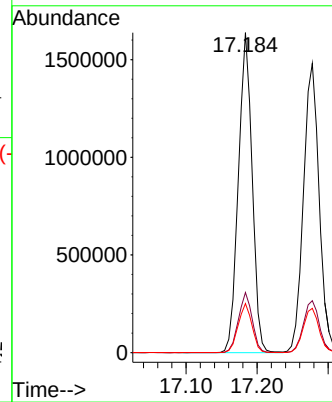
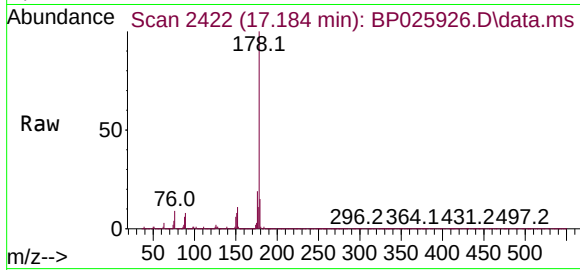




#71
Phenanthrene
Concen: 44.465 ng
RT: 17.184 min Scan# 2429
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

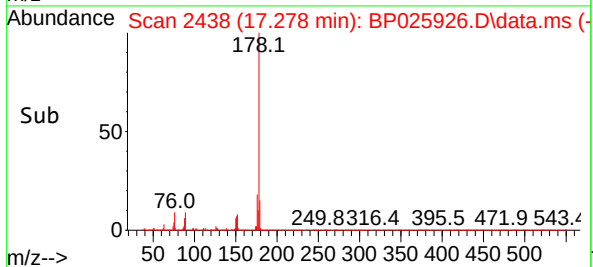
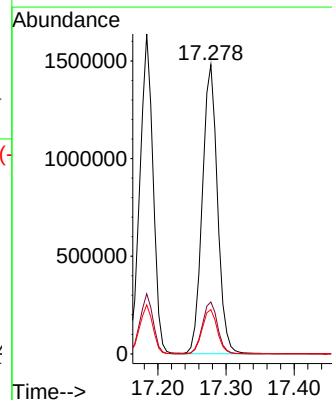
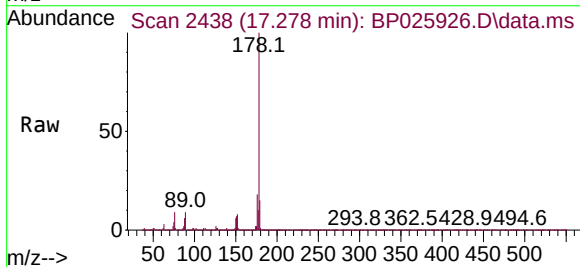
Instrument :
BNA_P
ClientSampleId :
PB169989BS

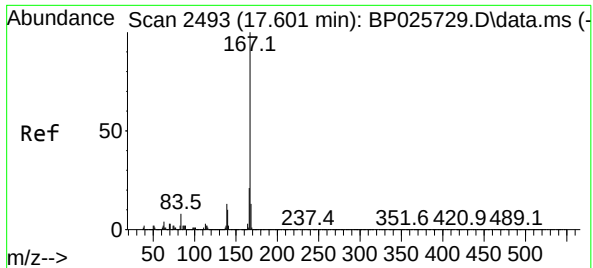
Tgt Ion:178 Resp: 2199869
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 45.600 ng
RT: 17.278 min Scan# 2438
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:178 Resp: 2289006
Ion Ratio Lower Upper
178 100
176 17.9 14.8 22.2
179 15.3 12.2 18.4

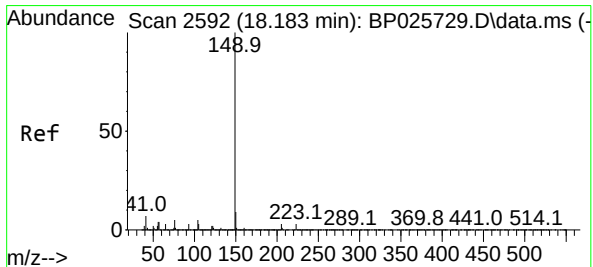
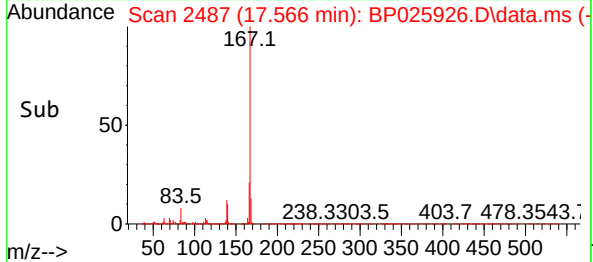
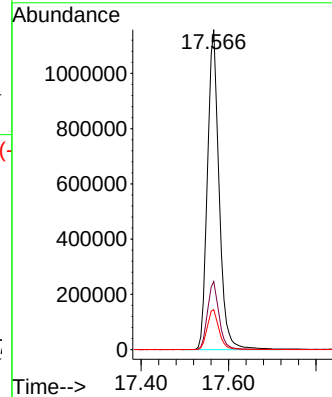
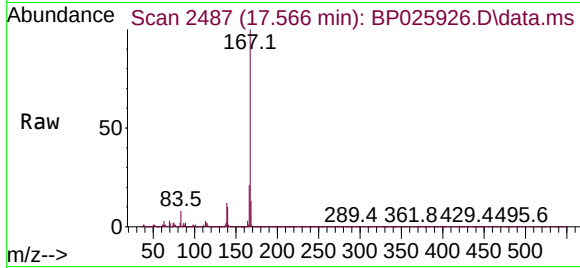




#73
 Carbazole
 Concen: 45.680 ng
 RT: 17.566 min Scan# 24
 Delta R.T. -0.035 min
 Lab File: BP025926.D
 Acq: 06 Oct 2025 16:57

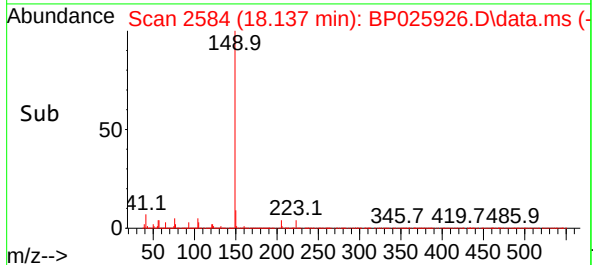
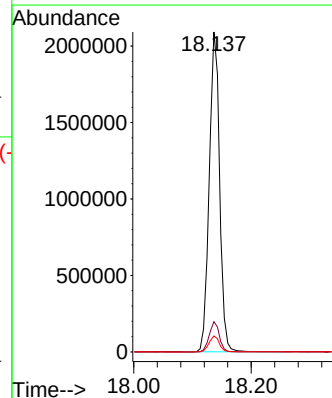
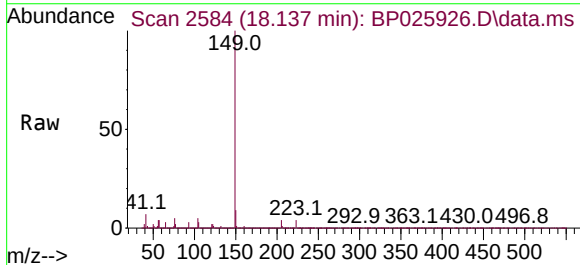
Instrument :
 BNA_P
 ClientSampleId :
 PB169989BS

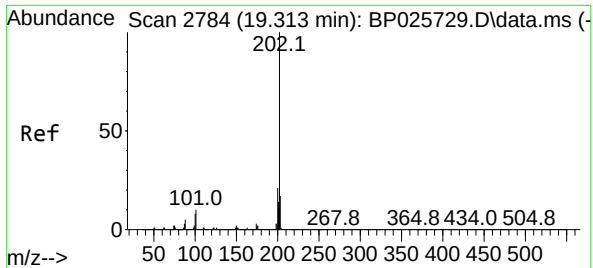
Tgt Ion:167 Resp: 2131828
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.803 ng
 RT: 18.137 min Scan# 2584
 Delta R.T. -0.047 min
 Lab File: BP025926.D
 Acq: 06 Oct 2025 16:57

Tgt Ion:149 Resp: 2565889
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.0 4.3 6.5

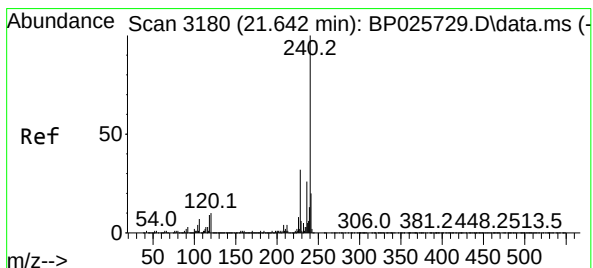
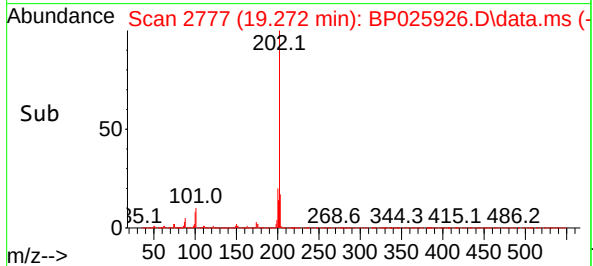
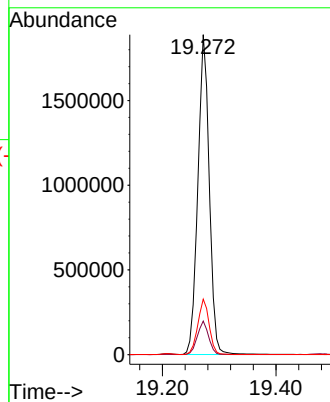
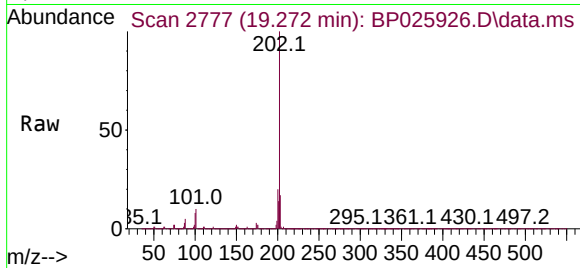




#75
Fluoranthene
Concen: 44.040 ng
RT: 19.272 min Scan# 21
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

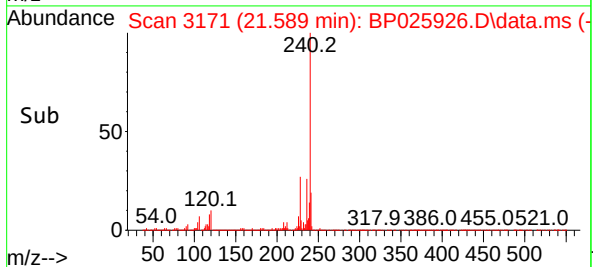
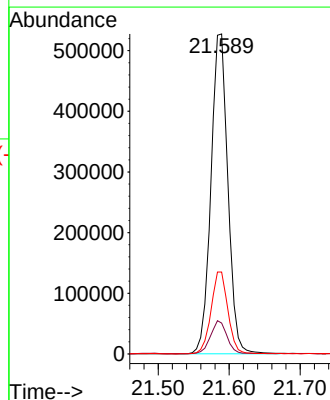
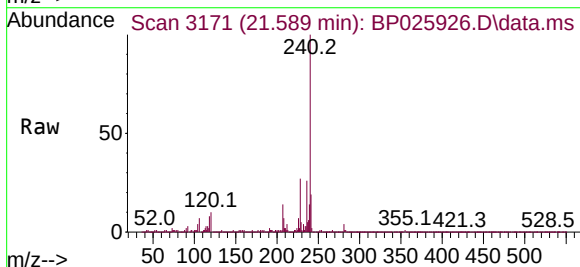
Instrument :
BNA_P
ClientSampleId :
PB169989BS

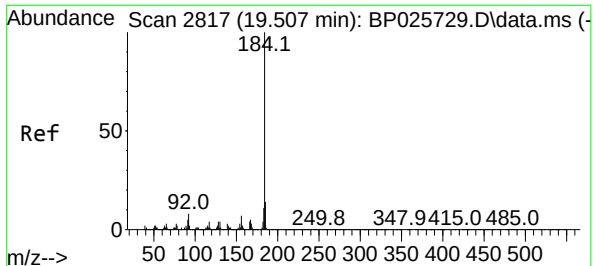
Tgt Ion:202 Resp: 2613123
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.4
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3171
Delta R.T. -0.053 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:240 Resp: 874721
Ion Ratio Lower Upper
240 100
120 9.6 8.0 12.0
236 25.6 20.7 31.1

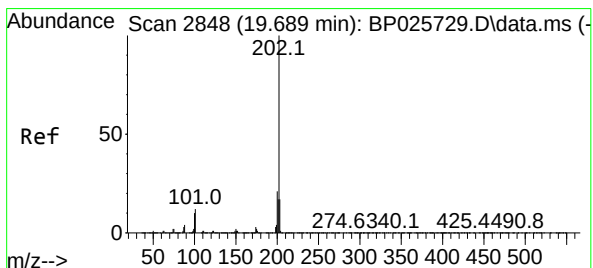
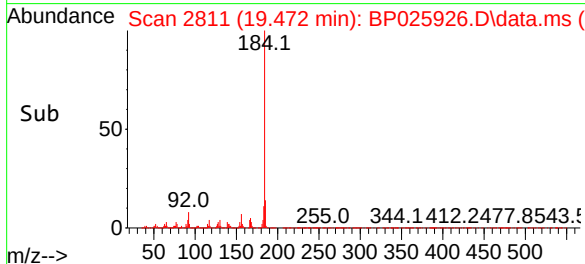
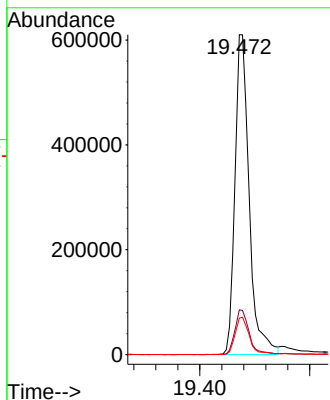
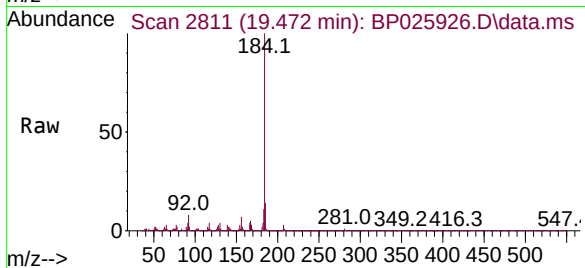




#77
Benzidine
Concen: 43.524 ng
RT: 19.472 min Scan# 2811
Delta R.T. -0.035 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

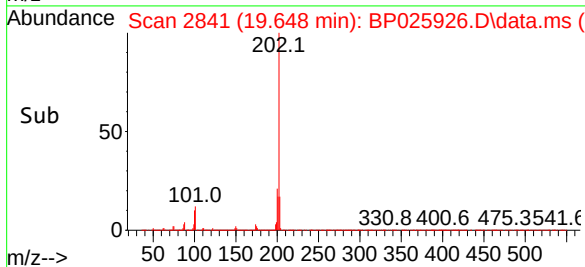
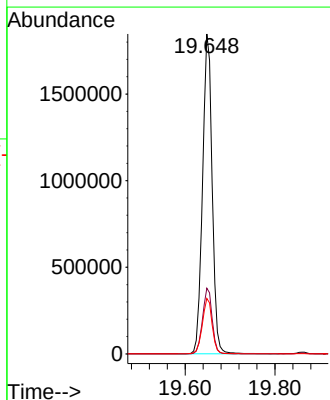
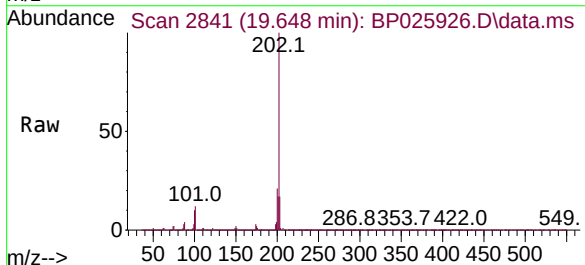
Instrument :
BNA_P
ClientSampleId :
PB169989BS

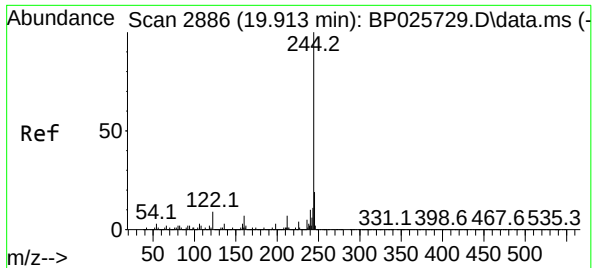
Tgt Ion:184 Resp: 1096670
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.4 9.2 13.8



#78
Pyrene
Concen: 46.941 ng
RT: 19.648 min Scan# 2841
Delta R.T. -0.041 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:202 Resp: 2739772
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 17.3 13.9 20.9

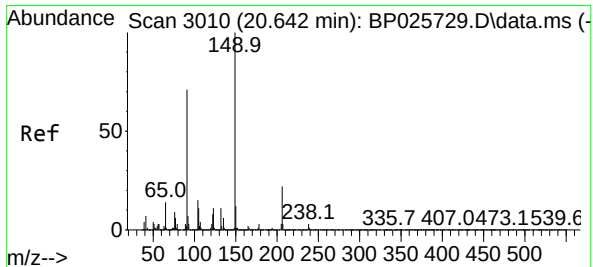
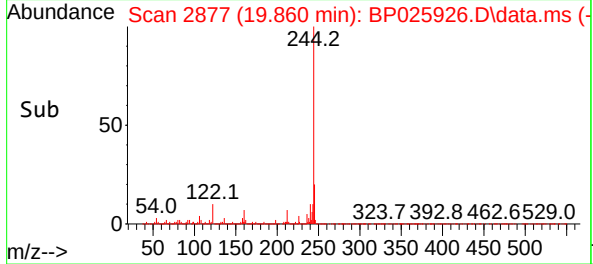
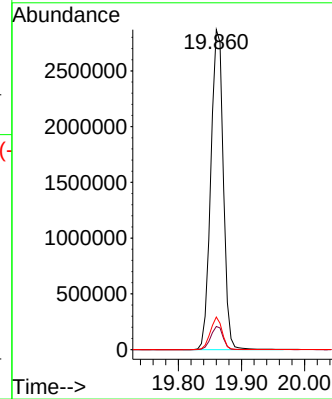
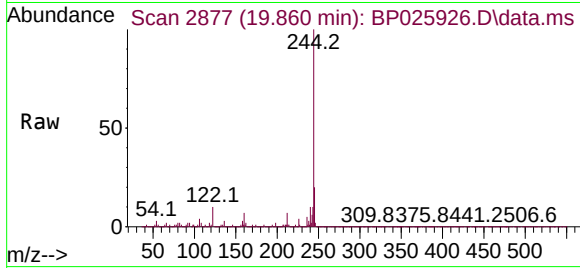




#79
 Terphenyl-d14
 Concen: 80.982 ng
 RT: 19.860 min Scan# 2886
 Delta R.T. -0.053 min
 Lab File: BP025926.D
 Acq: 06 Oct 2025 16:57

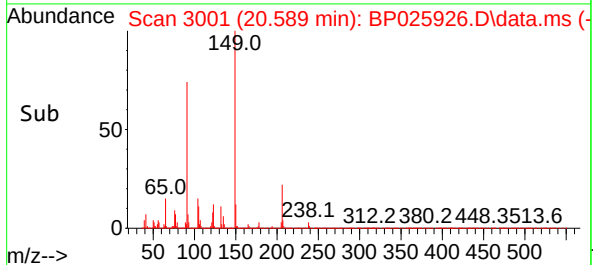
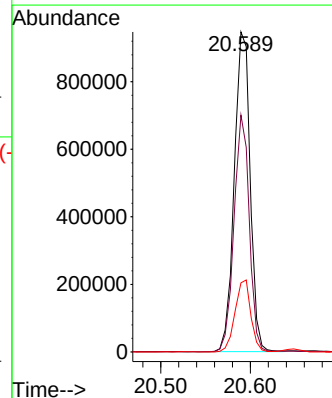
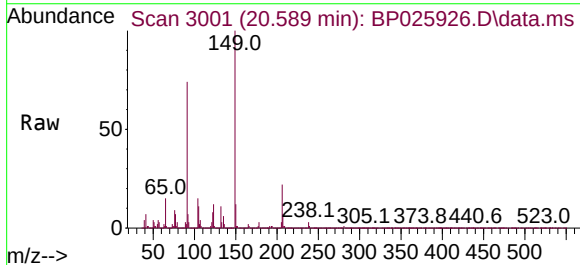
Instrument :
 BNA_P
 ClientSampleId :
 PB169989BS

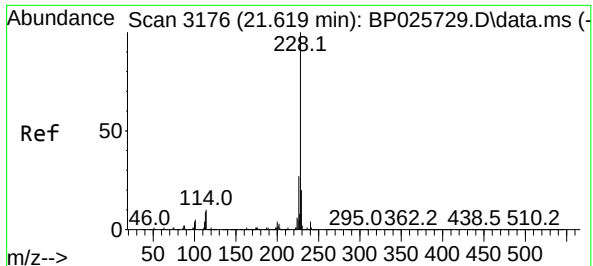
Tgt Ion:244 Resp: 3937572
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 10.2 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 45.722 ng
 RT: 20.589 min Scan# 3001
 Delta R.T. -0.053 min
 Lab File: BP025926.D
 Acq: 06 Oct 2025 16:57

Tgt Ion:149 Resp: 1170092
 Ion Ratio Lower Upper
 149 100
 91 74.0 56.6 85.0
 206 21.6 17.4 26.0

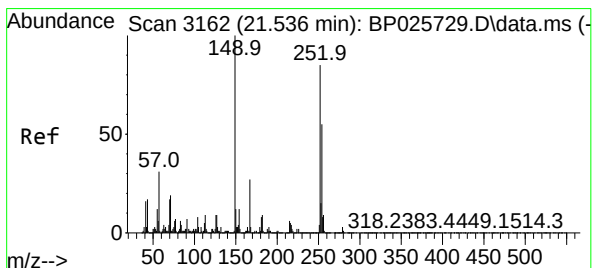
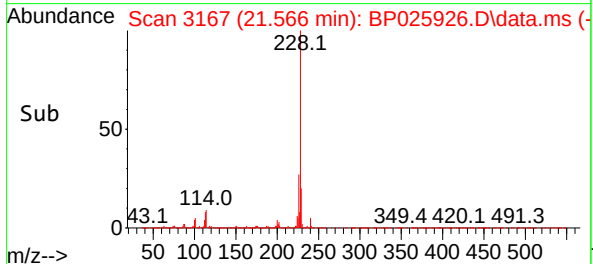
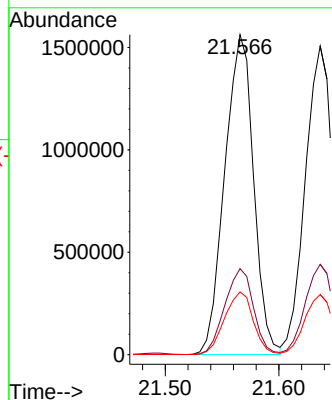
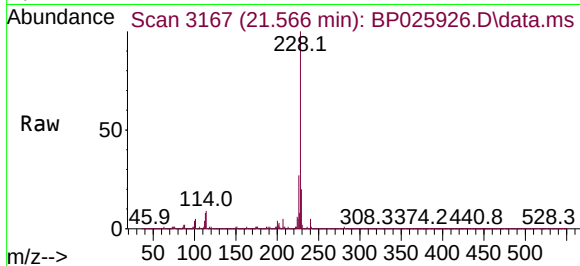




#81
Benzo(a)anthracene
Concen: 46.003 ng
RT: 21.566 min Scan# 3176
Delta R.T. -0.053 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

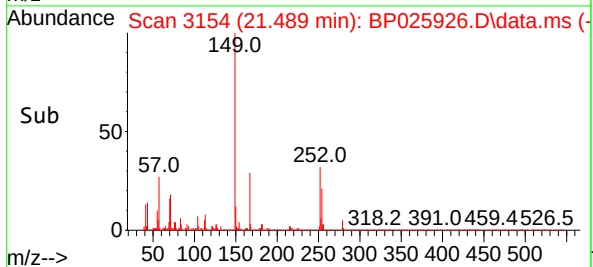
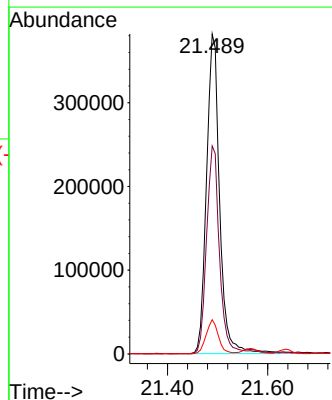
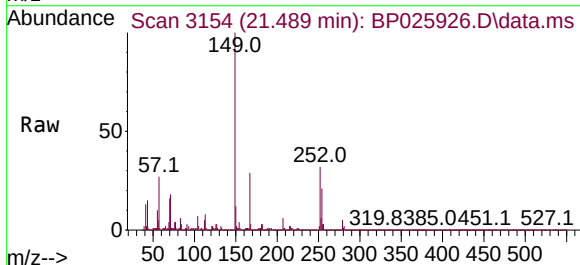
Instrument :
BNA_P
ClientSampleId :
PB169989BS

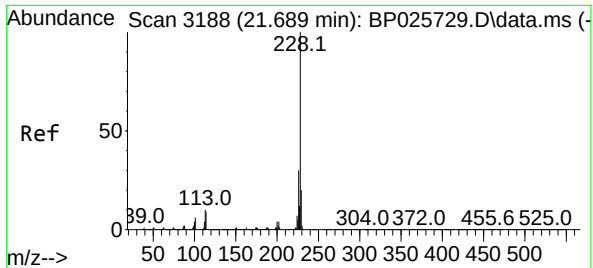
Tgt Ion:228 Resp: 2754853
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 33.510 ng
RT: 21.489 min Scan# 3154
Delta R.T. -0.047 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:252 Resp: 693883
Ion Ratio Lower Upper
252 100
254 65.0 51.4 77.0
126 10.7 8.3 12.5

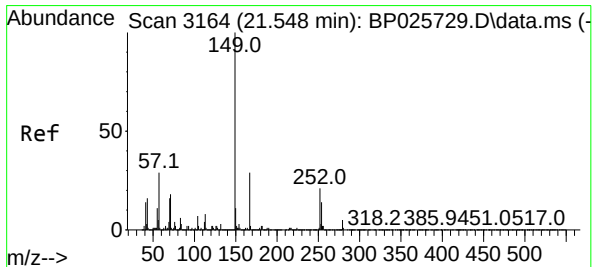
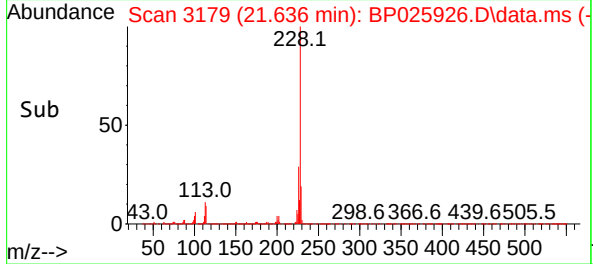
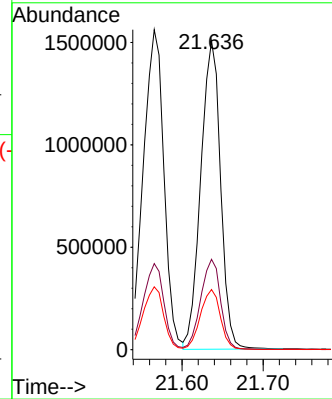
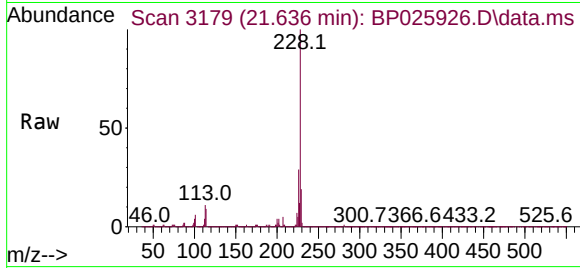




#83
Chrysene
Concen: 44.783 ng
RT: 21.636 min Scan# 31
Delta R.T. -0.053 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

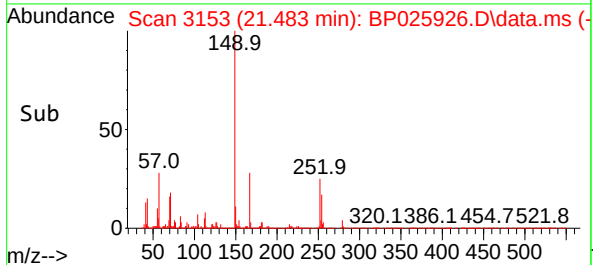
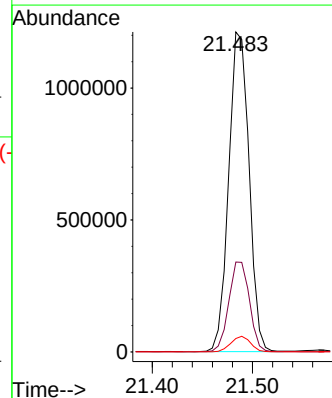
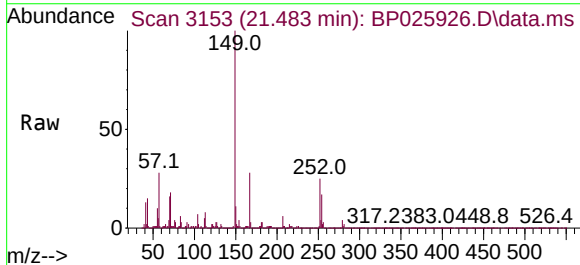
Instrument :
BNA_P
ClientSampleId :
PB169989BS

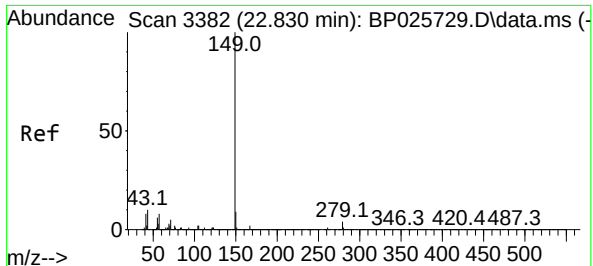
Tgt Ion:228 Resp: 2556460
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.6
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.654 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.065 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:149 Resp: 1709318
Ion Ratio Lower Upper
149 100
167 28.1 22.9 34.3
279 4.2 3.8 5.8

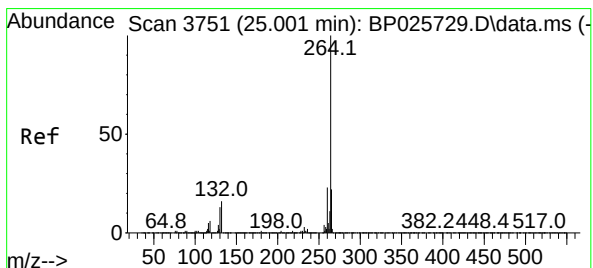
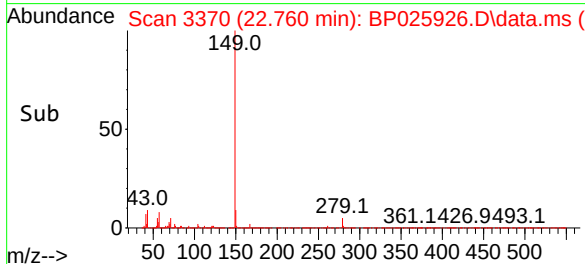
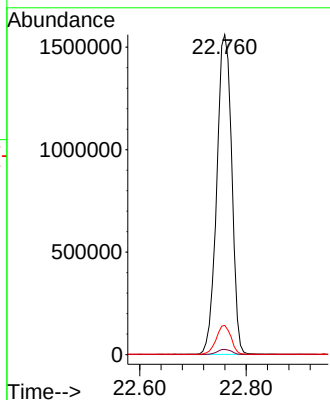
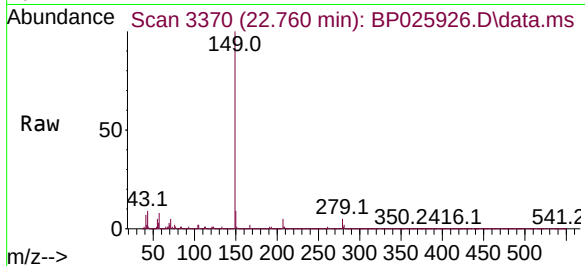




#85
Di-n-octyl phthalate
Concen: 45.611 ng
RT: 22.760 min Scan# 3382
Delta R.T. -0.070 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

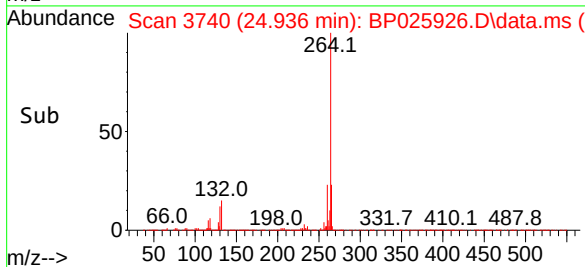
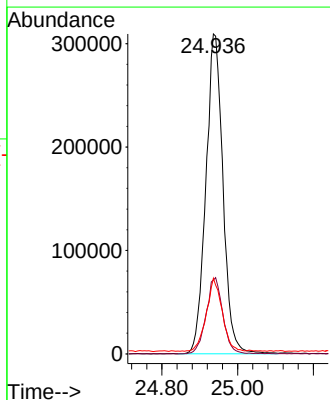
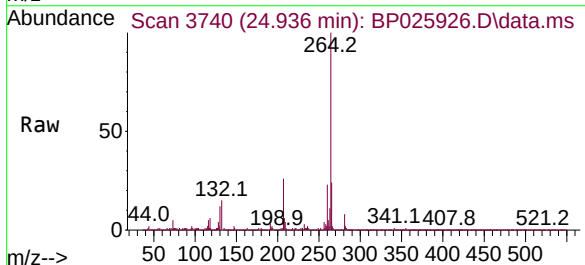
Instrument :
BNA_P
ClientSampleId :
PB169989BS

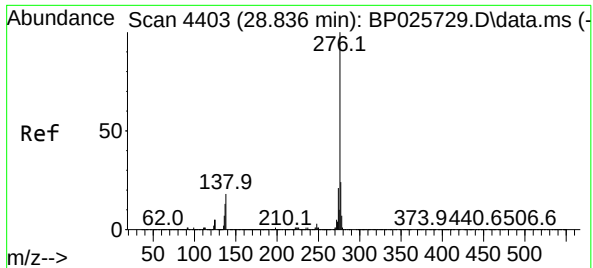
Tgt Ion:149 Resp: 3037737
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.936 min Scan# 3740
Delta R.T. -0.065 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:264 Resp: 970632
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 23.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.376 ng

RT: 28.754 min Scan# 4389

Delta R.T. -0.082 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

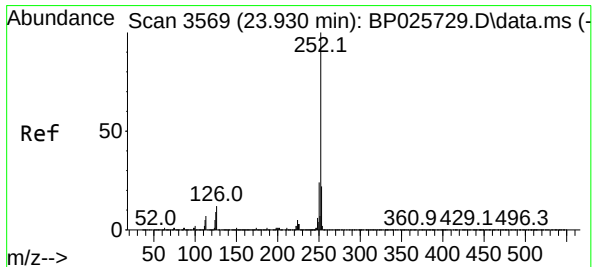
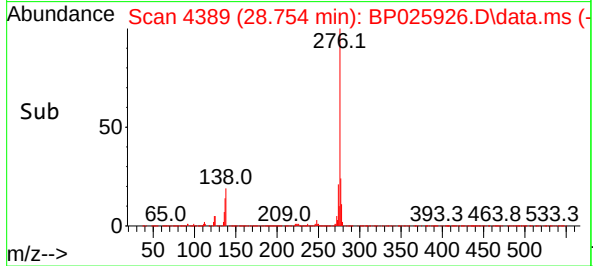
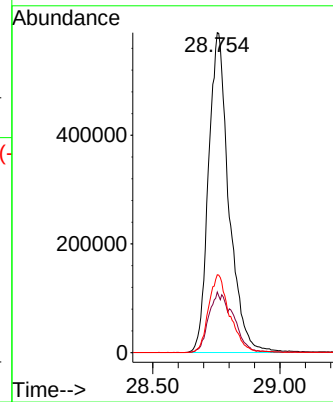
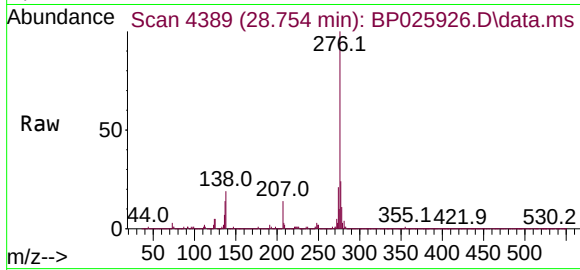
Tgt Ion:276 Resp: 3273523

Ion Ratio Lower Upper

276 100

138 10.8 13.4 20.2#

277 25.4 9.1 13.7#



#88

Benzo(b)fluoranthene

Concen: 45.802 ng

RT: 23.866 min Scan# 3558

Delta R.T. -0.065 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

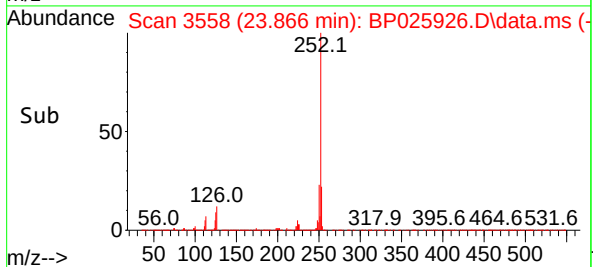
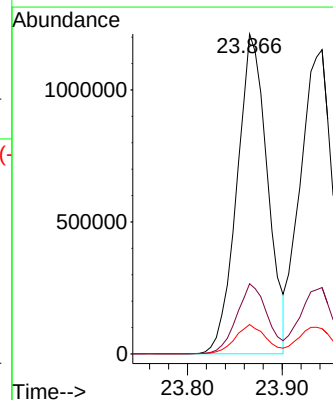
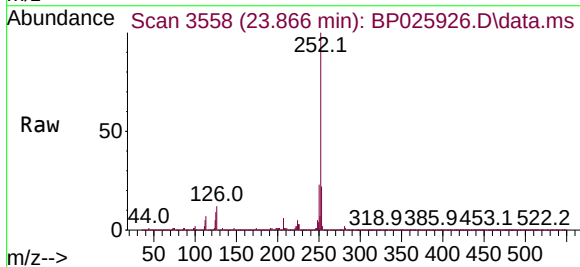
Tgt Ion:252 Resp: 2718629

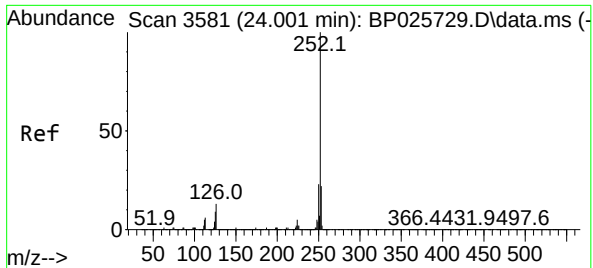
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 9.2 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 46.034 ng

RT: 23.942 min Scan# 31

Delta R.T. -0.059 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

Instrument :

BNA_P

ClientSampleId :

PB169989BS

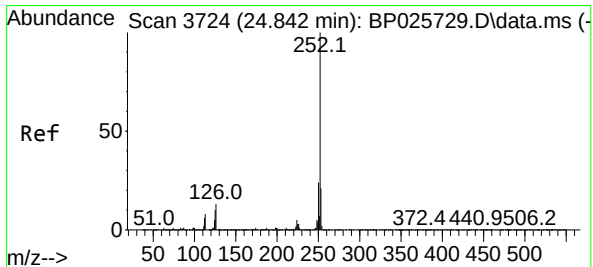
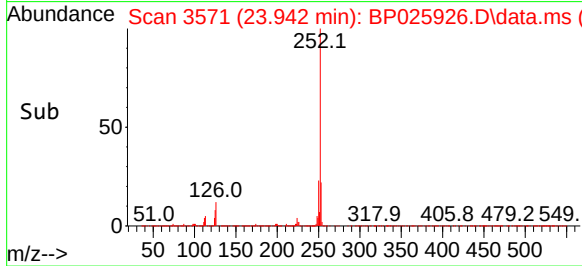
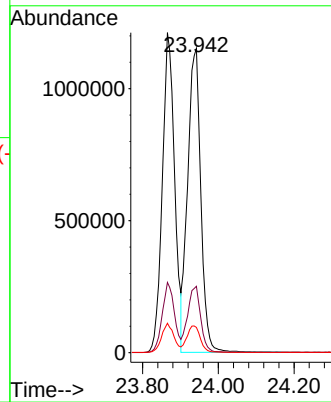
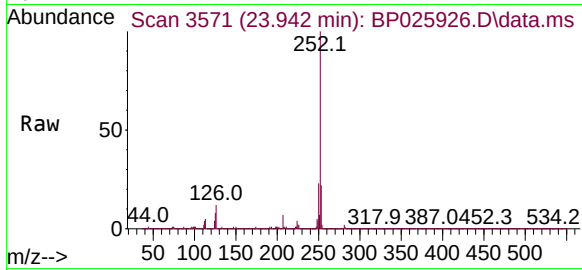
Tgt Ion:252 Resp: 2788209

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.3 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.546 ng

RT: 24.777 min Scan# 3713

Delta R.T. -0.065 min

Lab File: BP025926.D

Acq: 06 Oct 2025 16:57

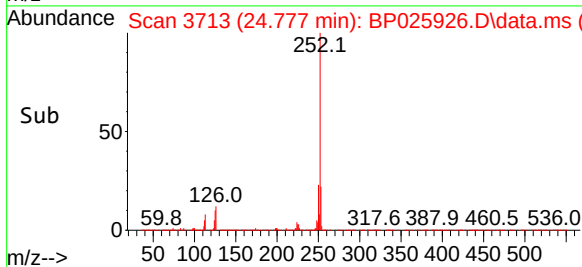
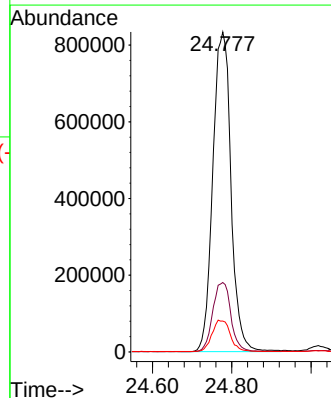
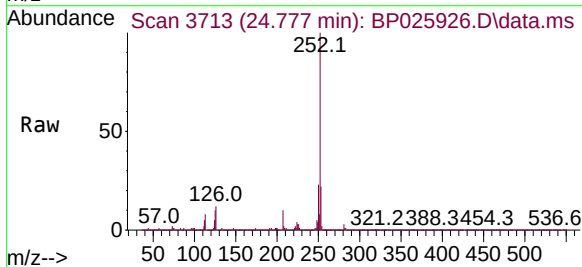
Tgt Ion:252 Resp: 2647483

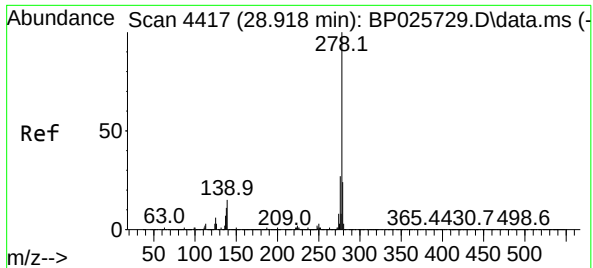
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 9.6 8.3 12.5

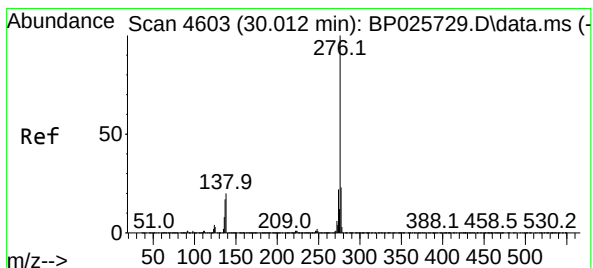
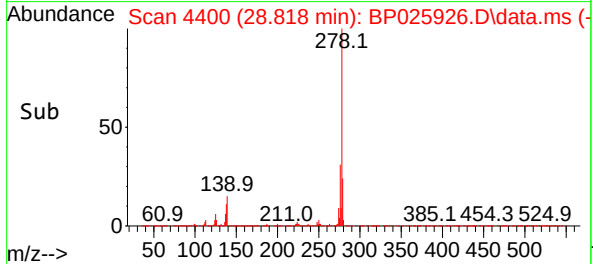
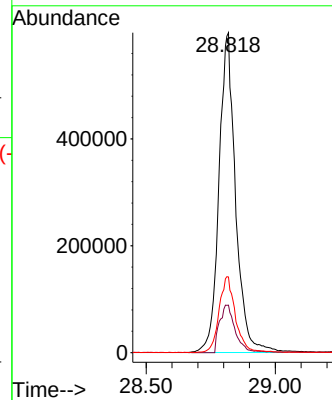
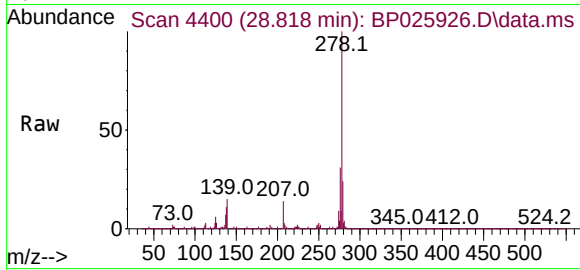




#91
Dibenzo(a,h)anthracene
Concen: 46.332 ng
RT: 28.818 min Scan# 4417
Delta R.T. -0.100 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

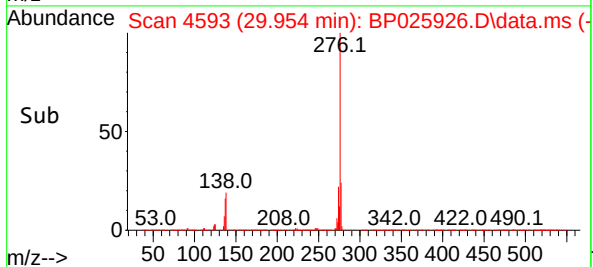
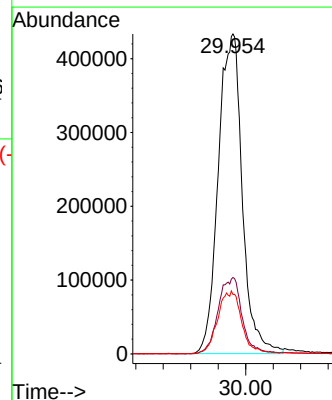
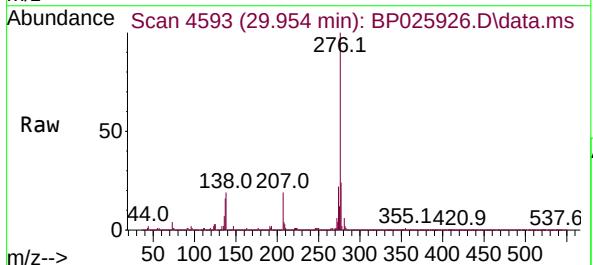
Instrument :
BNA_P
ClientSampleId :
PB169989BS

Tgt Ion:278 Resp: 2676243
Ion Ratio Lower Upper
278 100
139 14.8 12.1 18.1
279 23.7 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 46.143 ng
RT: 29.954 min Scan# 4593
Delta R.T. -0.059 min
Lab File: BP025926.D
Acq: 06 Oct 2025 16:57

Tgt Ion:276 Resp: 2621196
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 18.6 16.0 24.0



Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2400		390	820	ug/Kg
108-95-2	Phenol	4000		55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3800		60.4	420	ug/Kg
95-57-8	2-Chlorophenol	4000		60.7	420	ug/Kg
95-48-7	2-Methylphenol	4000		74.3	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3200		93.2	420	ug/Kg
98-86-2	Acetophenone	4200		73.4	420	ug/Kg
65794-96-9	3+4-Methylphenols	3900		100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3900		120	200	ug/Kg
67-72-1	Hexachloroethane	3800		43.8	420	ug/Kg
98-95-3	Nitrobenzene	4000		45.5	420	ug/Kg
78-59-1	Isophorone	4100		81.6	420	ug/Kg
88-75-5	2-Nitrophenol	4500		140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	4300		160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3800		76.6	420	ug/Kg
120-83-2	2,4-Dichlorophenol	4000		70.4	420	ug/Kg
91-20-3	Naphthalene	3800		56.4	420	ug/Kg
106-47-8	4-Chloroaniline	1300		88.0	420	ug/Kg
87-68-3	Hexachlorobutadiene	3900		62.9	420	ug/Kg
105-60-2	Caprolactam	5000		130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4300		71.4	420	ug/Kg
91-57-6	2-Methylnaphthalene	3700		63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8700	E	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4100		49.2	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100		72.4	420	ug/Kg
92-52-4	1,1-Biphenyl	4100		54.2	420	ug/Kg
91-58-7	2-Chloronaphthalene	3700		55.9	420	ug/Kg
88-74-4	2-Nitroaniline	4600		120	420	ug/Kg
131-11-3	Dimethylphthalate	4100		67.4	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	4400		71.9	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	5400		83.5	420	ug/Kg
99-09-2	3-Nitroaniline	2600		110	420	ug/Kg
83-32-9	Acenaphthene	4000		53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	8300	E	570	820	ug/Kg
100-02-7	4-Nitrophenol	8300	E	270	820	ug/Kg
132-64-9	Dibenzofuran	3900		56.4	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	4800		120	420	ug/Kg
84-66-2	Diethylphthalate	4200		70.4	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4000		66.4	420	ug/Kg
86-73-7	Fluorene	4000		62.9	420	ug/Kg
100-01-6	4-Nitroaniline	4800		160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5100		260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3900		81.8	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3800		69.1	420	ug/Kg
118-74-1	Hexachlorobenzene	3300		62.9	420	ug/Kg
1912-24-9	Atrazine	4400		84.5	420	ug/Kg
87-86-5	Pentachlorophenol	7500	E	130	820	ug/Kg
85-01-8	Phenanthrene	3800		52.0	420	ug/Kg
120-12-7	Anthracene	3900		82.8	420	ug/Kg
86-74-8	Carbazole	3900		77.6	420	ug/Kg
84-74-2	Di-n-butylphthalate	4100		120	420	ug/Kg
206-44-0	Fluoranthene	3900		74.6	420	ug/Kg
129-00-0	Pyrene	5200		89.5	420	ug/Kg
85-68-7	Butylbenzylphthalate	5300		180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		91.3	820	ug/Kg
56-55-3	Benzo(a)anthracene	4200		57.2	420	ug/Kg
218-01-9	Chrysene	4200		49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300		150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	4000		220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300		47.2	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143864.D	1	10/02/25 10:00	10/02/25 19:38	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	3600		55.7	420	ug/Kg
50-32-8	Benzo(a)pyrene	4300		73.4	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4100		72.4	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4000		68.1	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4200		63.9	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4100		63.7	420	ug/Kg
123-91-1	1,4-Dioxane	3400		110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4600		68.1	420	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	164		18 - 112	110%	SPK: 150
13127-88-3	Phenol-d6	172	*	15 - 107	115%	SPK: 150
4165-60-0	Nitrobenzene-d5	120	*	18 - 107	120%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		20 - 109	101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	109		10 - 116	73%	SPK: 150
1718-51-0	Terphenyl-d14	139	*	10 - 105	139%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	119000		6.887		
1146-65-2	Naphthalene-d8	453000		8.169		
15067-26-2	Acenaphthene-d10	242000		9.922		
1517-22-2	Phenanthrene-d10	395000		11.41		
1719-03-5	Chrysene-d12	306000		14.057		
1520-96-3	Perylene-d12	432000		15.533		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143864.D
 Acq On : 02 Oct 2025 19:38
 Operator : RC/JU
 Sample : Q3266-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-3-6FTMS

Quant Time: Oct 03 01:27:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	119401	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	452831	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	241644	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	394825	20.000	ng	0.00
76) Chrysene-d12	14.057	240	306082	20.000	ng	0.00
86) Perylene-d12	15.533	264	431989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	604335	82.232	ng	0.00
7) Phenol-d6	6.504	99	732194	86.227	ng	0.00
23) Nitrobenzene-d5	7.445	82	445326	60.197	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	195734	54.706	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	781050	50.439	ng	0.00
79) Terphenyl-d14	12.998	244	1046086	69.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.711	88	145336	41.317	ng	92
3) Pyridine	3.469	79	394892	41.589	ng	87
4) n-Nitrosodimethylamine	3.422	42	202826	42.601	ng	84
6) Aniline	6.546	93	382496	31.036	ng	99
8) 2-Chlorophenol	6.669	128	360046	47.856	ng	96
9) Benzaldehyde	6.434	77	211201	28.402	ng	97
10) Phenol	6.522	94	470637	47.683	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	351252	45.400	ng	97
12) 1,3-Dichlorobenzene	6.828	146	407642	46.666	ng	98
13) 1,4-Dichlorobenzene	6.904	146	408635	46.875	ng	99
14) 1,2-Dichlorobenzene	7.057	146	392158	47.497	ng	100
15) Benzyl Alcohol	7.022	79	322083	52.494	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	718122	39.143	ng	95
17) 2-Methylphenol	7.134	107	284360	48.820	ng	99
18) Hexachloroethane	7.398	117	142081	46.344	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	253743	46.469	ng	90
20) 3+4-Methylphenols	7.287	107	333283	46.985	ng	# 73
22) Acetophenone	7.293	105	499175	50.189	ng	94
24) Nitrobenzene	7.463	77	392104	47.818	ng	97
25) Isophorone	7.704	82	710337	49.274	ng	99
26) 2-Nitrophenol	7.781	139	184449	54.406	ng	94
27) 2,4-Dimethylphenol	7.816	122	336616	52.242	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	430461	45.960	ng	99
29) 2,4-Dichlorophenol	8.022	162	308452	48.651	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	325230	49.430	ng	98
31) Naphthalene	8.192	128	986012	45.485	ng	100
32) Benzoic acid	7.928	122	234383	75.394	ng	95
33) 4-Chloroaniline	8.234	127	115624	15.178	ng	97
34) Hexachlorobutadiene	8.304	225	229733	46.838	ng	99
35) Caprolactam	8.604	113	98125	60.552	ng	# 77
36) 4-Chloro-3-methylphenol	8.716	107	306778	51.593	ng	99
37) 2-Methylnaphthalene	8.881	142	612475	44.309	ng	100
38) 1-Methylnaphthalene	8.981	142	620851	46.926	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	356950	48.948	ng	99
41) Hexachlorocyclopentadiene	9.034	237	485641	105.078	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	227991	49.930	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143864.D
 Acq On : 02 Oct 2025 19:38
 Operator : RC/JU
 Sample : Q3266-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-3-6FTMS

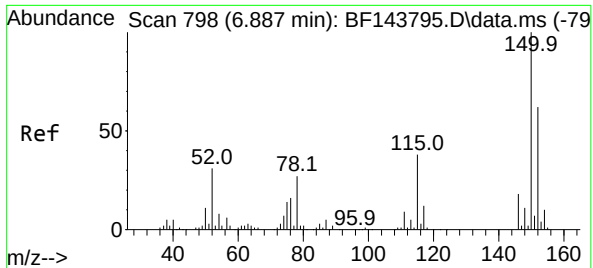
Quant Time: Oct 03 01:27:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	234672	49.134	ng	100
46) 1,1'-Biphenyl	9.345	154	865505	49.480	ng	100
47) 2-Chloronaphthalene	9.369	162	629309	44.695	ng	100
48) 2-Nitroaniline	9.463	65	238647	56.079	ng	97
49) Acenaphthylene	9.787	152	1023535	52.805	ng	100
50) Dimethylphthalate	9.645	163	731465	49.664	ng	99
51) 2,6-Dinitrotoluene	9.704	165	156423	64.642	ng	94
52) Acenaphthene	9.957	154	622293	48.786	ng	99
53) 3-Nitroaniline	9.875	138	91487	31.191	ng	98
54) 2,4-Dinitrophenol	9.981	184	121210	100.703	ng	# 18
55) Dibenzofuran	10.134	168	848921	47.064	ng	100
56) 4-Nitrophenol	10.028	139	236657	100.124	ng	95
57) 2,4-Dinitrotoluene	10.110	165	212438	58.468	ng	92
58) Fluorene	10.475	166	641919	47.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	227326	55.559	ng	100
60) Diethylphthalate	10.345	149	698970	50.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	330127	48.317	ng	98
62) 4-Nitroaniline	10.486	138	158530	57.481	ng	98
63) Azobenzene	10.628	77	737403	50.750	ng	93
65) 4,6-Dinitro-2-methylph...	10.516	198	95114	61.024	ng	# 81
66) n-Nitrosodiphenylamine	10.581	169	613626	47.258	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	310198	46.102	ng	100
68) Hexachlorobenzene	11.022	284	374735	40.413	ng	93
69) Atrazine	11.110	200	197683	52.574	ng	98
70) Pentachlorophenol	11.216	266	416446	90.225	ng	99
71) Phenanthrene	11.439	178	940959	46.421	ng	99
72) Anthracene	11.492	178	966261	47.523	ng	100
73) Carbazole	11.645	167	836065	47.030	ng	100
74) Di-n-butylphthalate	11.975	149	1014489	49.620	ng	100
75) Fluoranthene	12.628	202	951417	46.667	ng	99
77) Benzidine	12.745	184	241360	32.360	ng	99
78) Pyrene	12.857	202	943184	62.677	ng	100
80) Butylbenzylphthalate	13.475	149	334241	64.200	ng	96
81) Benzo(a)anthracene	14.045	228	823820	50.101	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	159637	22.410	ng	99
83) Chrysene	14.080	228	760164	51.090	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	393368	51.547	ng	98
85) Di-n-octyl phthalate	14.645	149	673377	48.645	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.033	276	1617559	49.351	ng	97
88) Benzo(b)fluoranthene	15.098	252	1152982	52.411	ng	99
89) Benzo(k)fluoranthene	15.127	252	967267	43.764	ng	100
90) Benzo(a)pyrene	15.468	252	1075170	51.994	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1280220	47.754	ng	99
92) Benzo(g,h,i)perylene	17.486	276	1319988	51.078	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

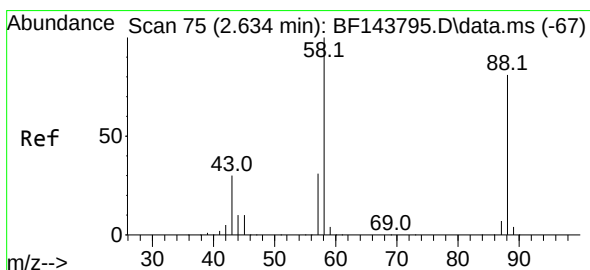
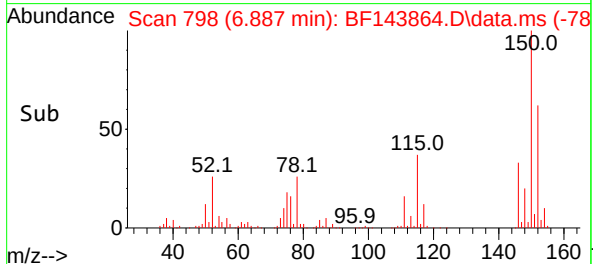
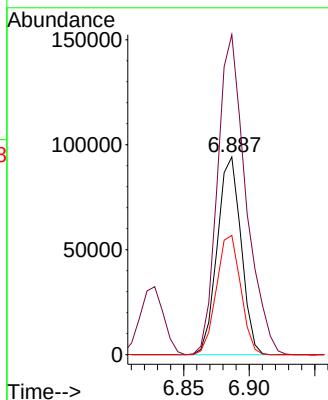
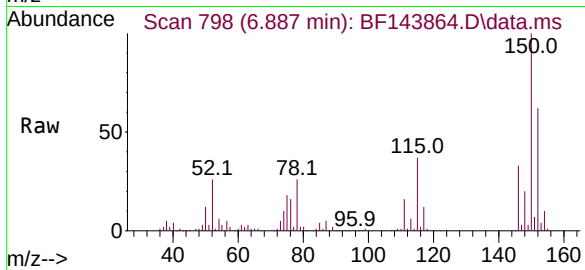
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

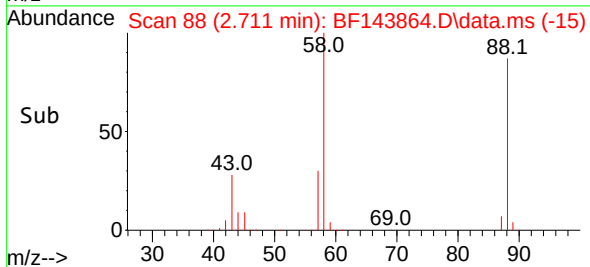
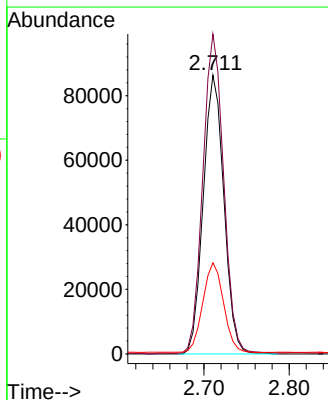
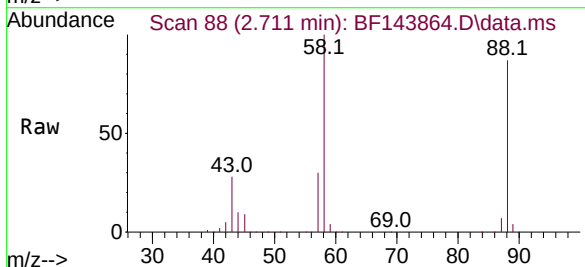
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

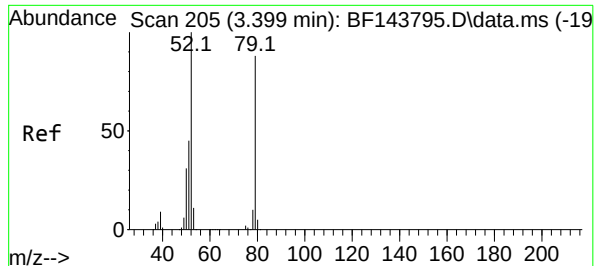
Tgt Ion:152 Resp: 119401
Ion Ratio Lower Upper
152 100
150 161.8 129.6 194.4
115 60.3 49.0 73.4



#2
1,4-Dioxane
Concen: 41.317 ng
RT: 2.711 min Scan# 88
Delta R.T. 0.077 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

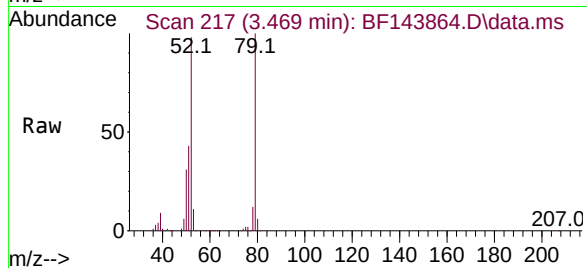
Tgt Ion: 88 Resp: 145336
Ion Ratio Lower Upper
88 100
58 116.1 99.4 149.2
43 32.3 30.6 45.8



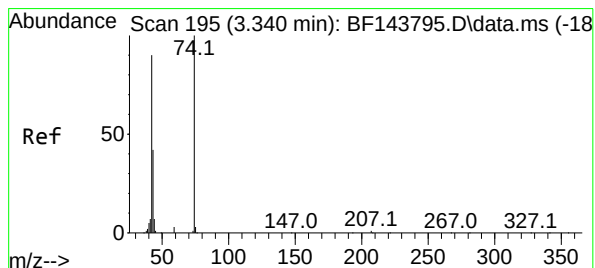
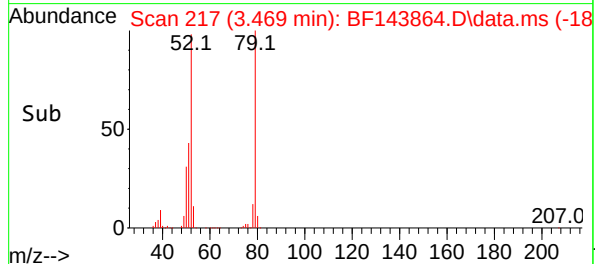
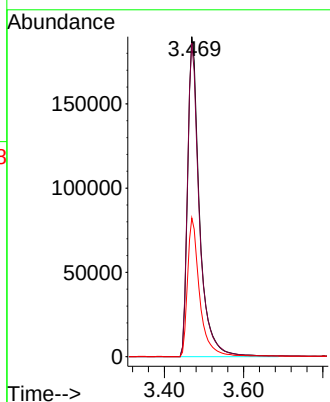


#3
Pyridine
Concen: 41.589 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

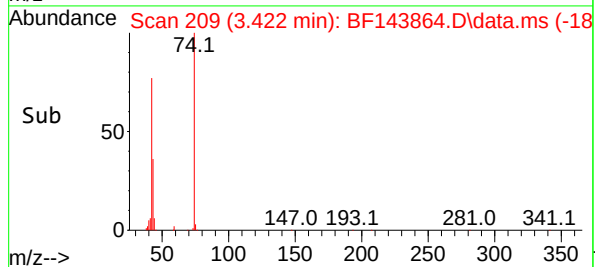
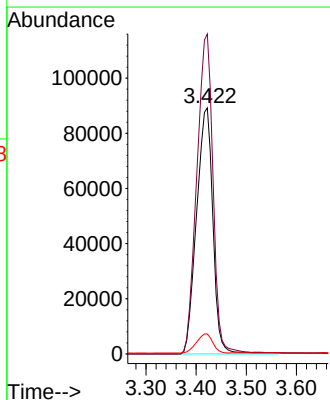
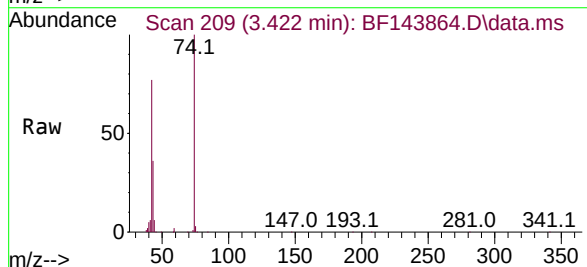


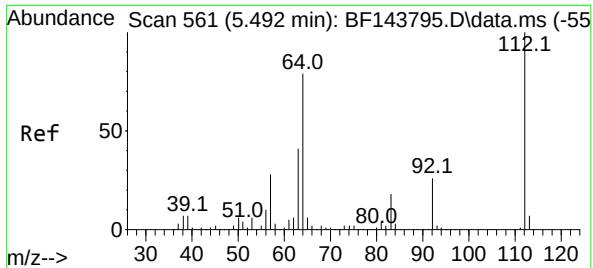
Tgt Ion: 79 Resp: 394892
Ion Ratio Lower Upper
79 100
52 98.0 90.5 135.7
51 43.3 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 42.601 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion: 42 Resp: 202826
Ion Ratio Lower Upper
42 100
74 130.0 89.1 133.7
44 8.1 6.4 9.6

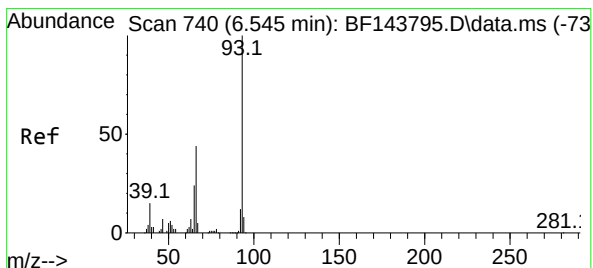
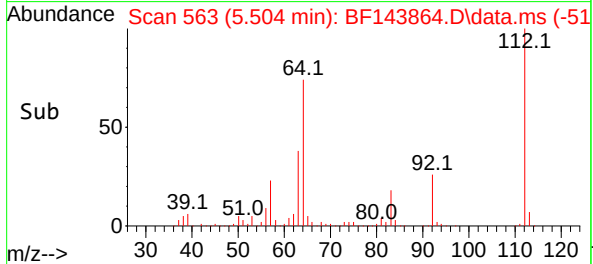
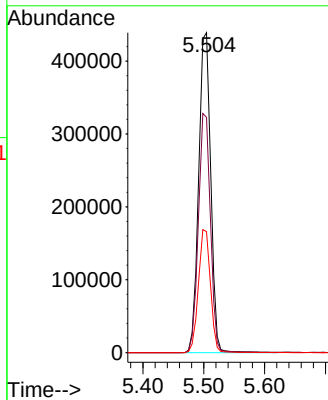
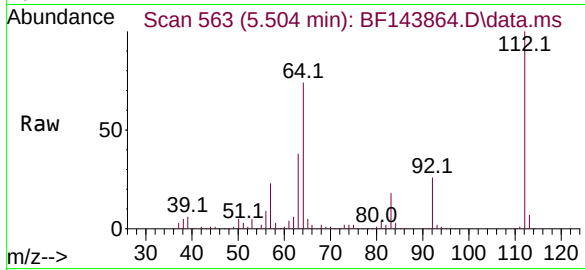




#5
2-Fluorophenol
Concen: 82.232 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

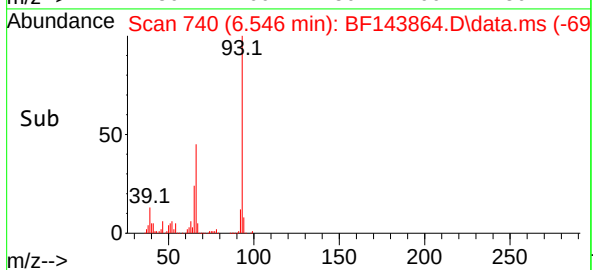
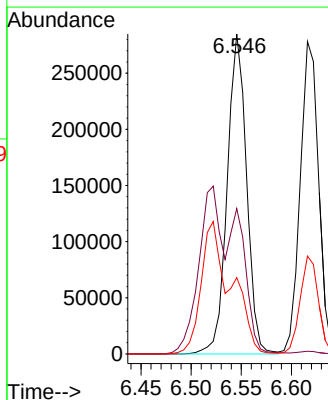
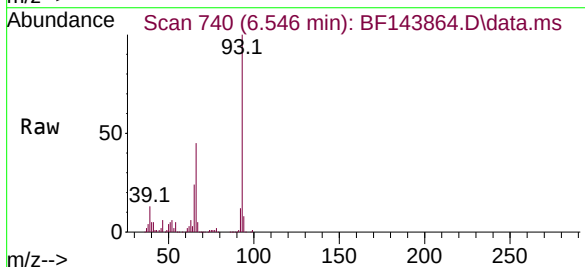
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

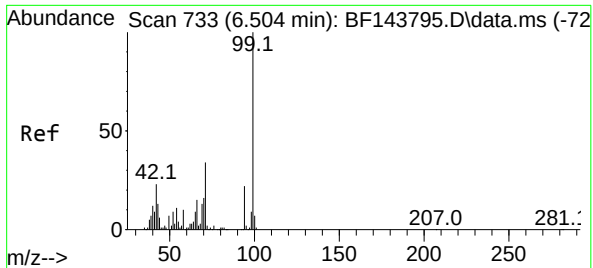
Tgt Ion:112 Resp: 604335
Ion Ratio Lower Upper
112 100
64 73.5 63.0 94.4
63 37.8 32.6 49.0



#6
Aniline
Concen: 31.036 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion: 93 Resp: 382496
Ion Ratio Lower Upper
93 100
66 45.4 37.1 55.7
65 23.8 19.4 29.0

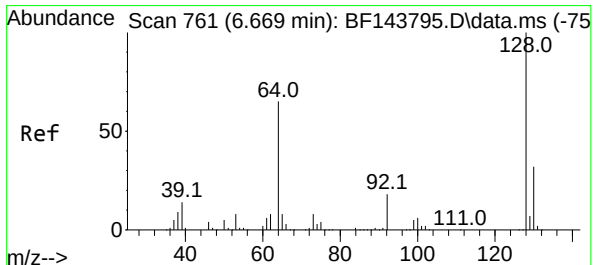
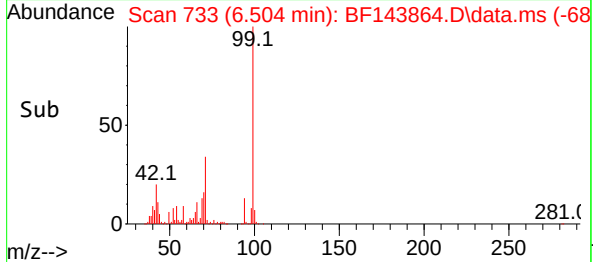
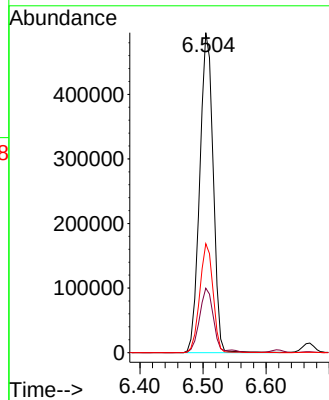
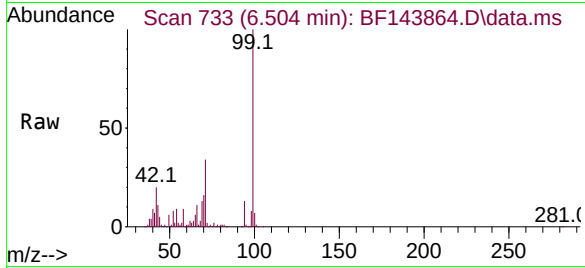




#7
Phenol-d6
Concen: 86.227 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

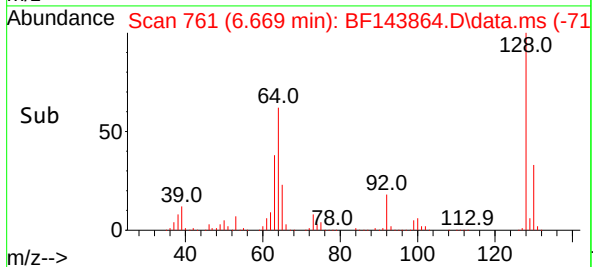
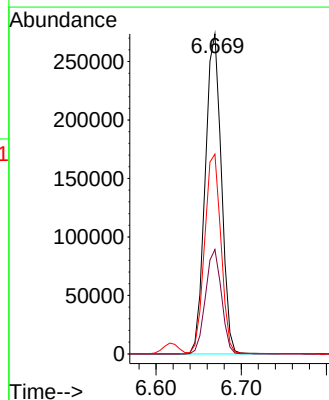
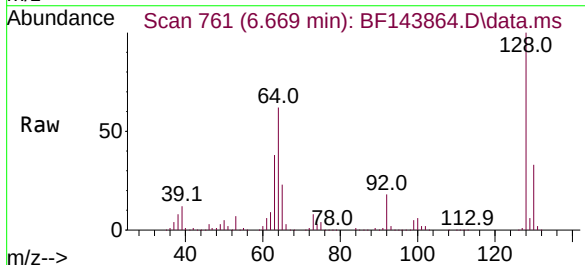
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

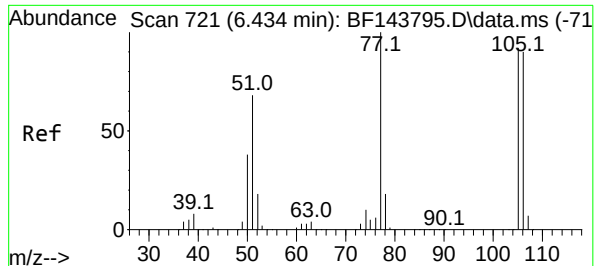
Tgt Ion: 99 Resp: 732194
Ion Ratio Lower Upper
99 100
42 20.1 18.6 28.0
71 34.0 27.0 40.4



#8
2-Chlorophenol
Concen: 47.856 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion: 128 Resp: 360046
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 62.4 46.5 86.5





#9

Benzaldehyde

Concen: 28.402 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

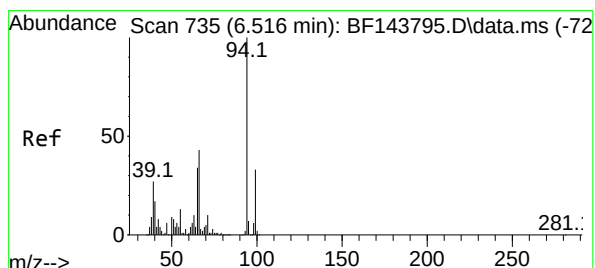
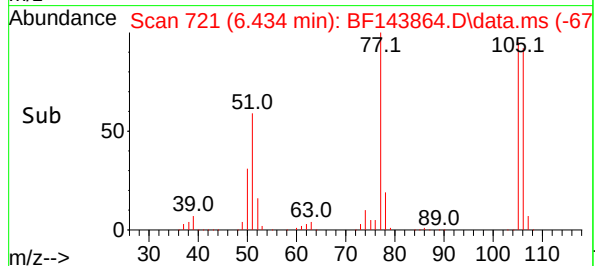
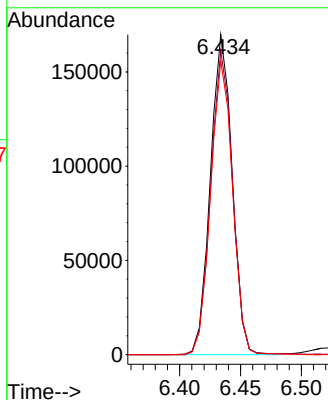
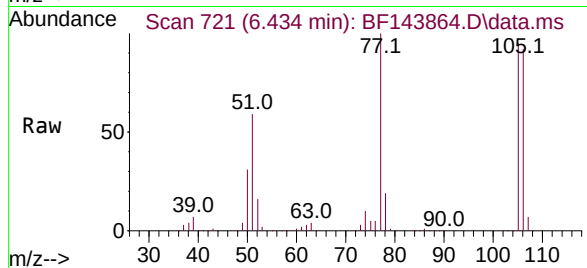
Tgt Ion: 77 Resp: 211201

Ion Ratio Lower Upper

77 100

105 94.9 71.8 111.8

106 91.8 69.8 109.8



#10

Phenol

Concen: 47.683 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

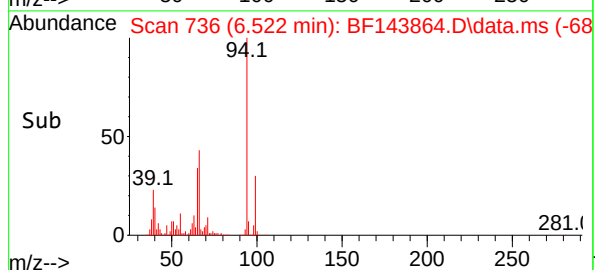
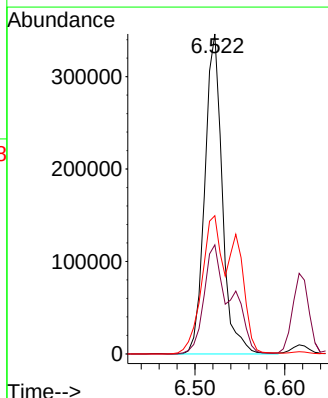
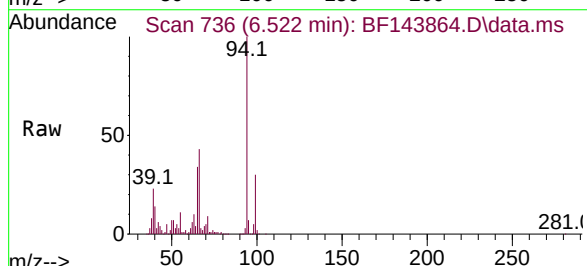
Tgt Ion: 94 Resp: 470637

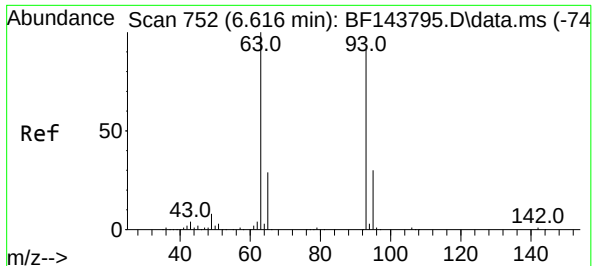
Ion Ratio Lower Upper

94 100

65 34.1 14.2 54.2

66 43.2 24.1 64.1

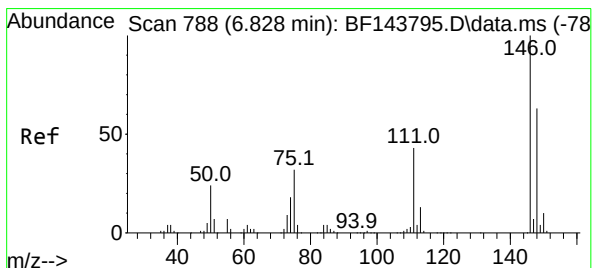
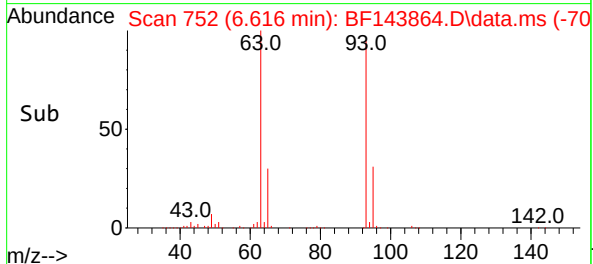
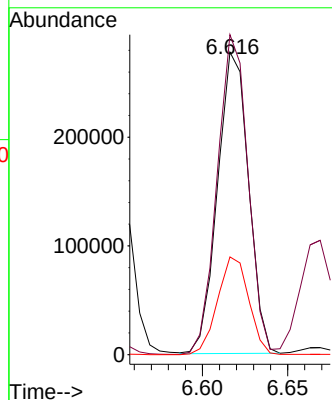
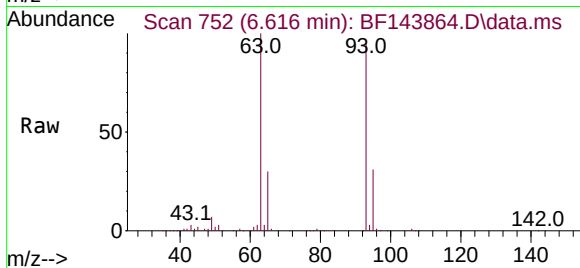




#11
bis(2-Chloroethyl)ether
Concen: 45.400 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

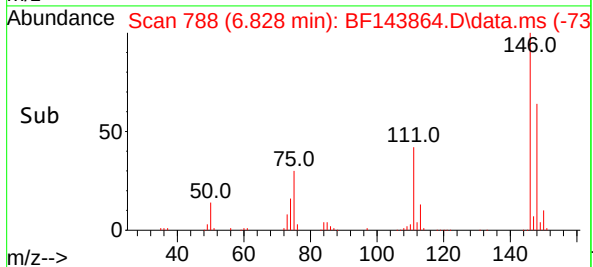
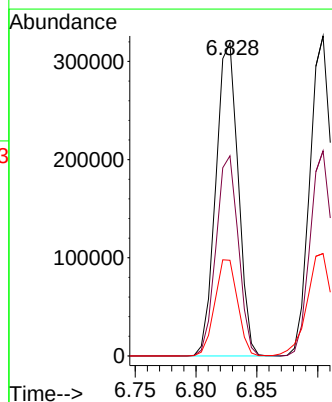
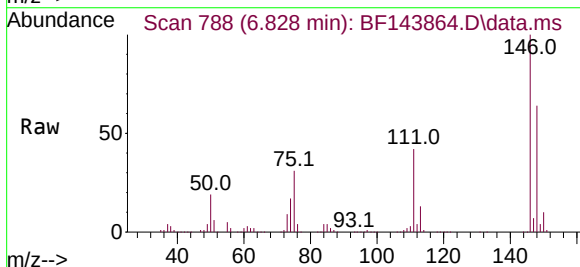
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

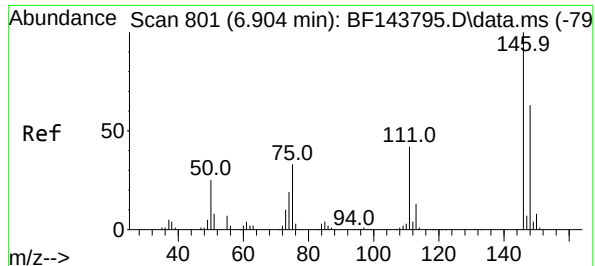
Tgt Ion: 93 Resp: 351252
Ion Ratio Lower Upper
93 100
63 105.8 89.2 129.2
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 46.666 ng
RT: 6.828 min Scan# 788
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:146 Resp: 407642
Ion Ratio Lower Upper
146 100
148 63.9 50.4 75.6
75 30.6 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 46.875 ng

RT: 6.904 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

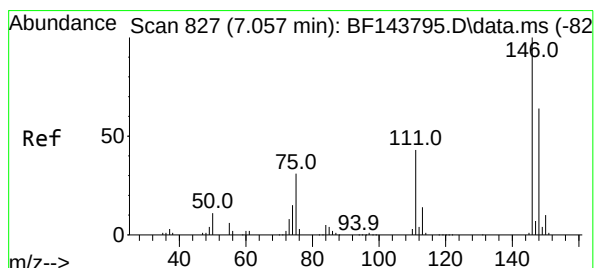
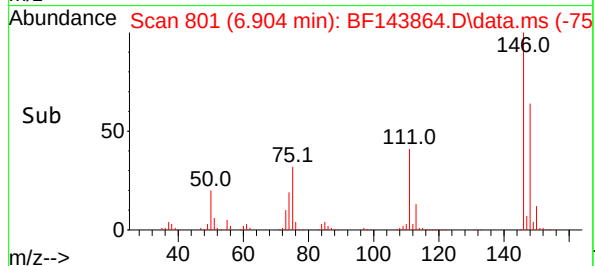
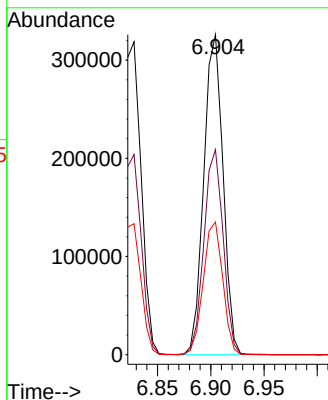
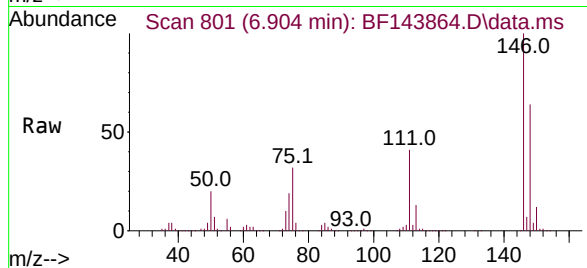
Tgt Ion:146 Resp: 408635

Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

111 41.4 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 47.497 ng

RT: 7.057 min Scan# 827

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

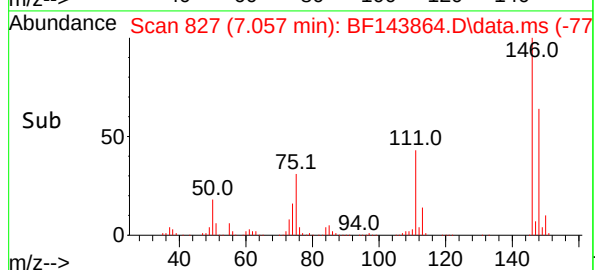
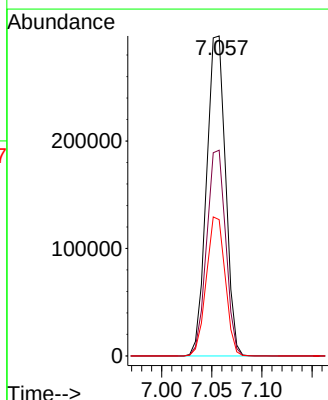
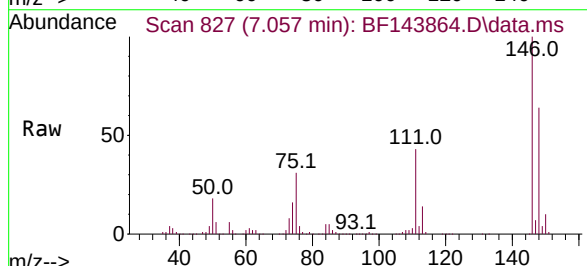
Tgt Ion:146 Resp: 392158

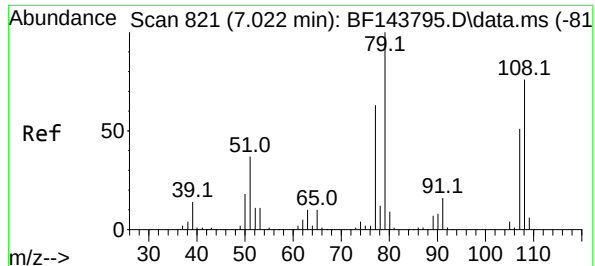
Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

111 42.6 34.3 51.5





#15

Benzyl Alcohol

Concen: 52.494 ng

RT: 7.022 min Scan# 821

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

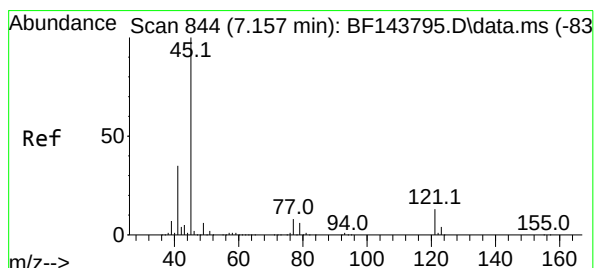
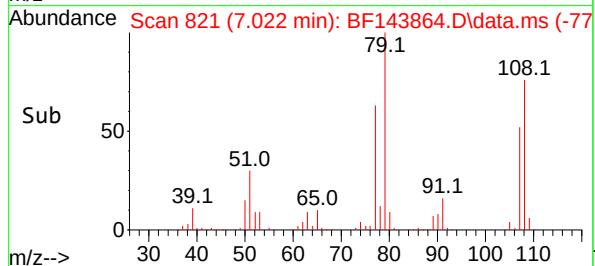
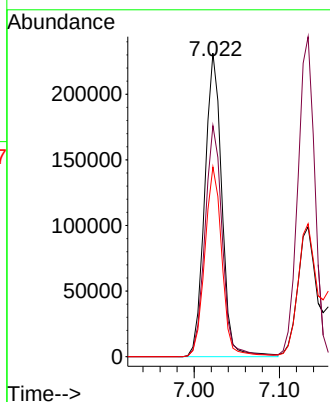
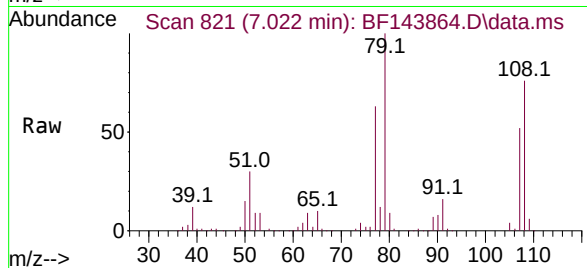
Tgt Ion: 79 Resp: 322083

Ion Ratio Lower Upper

79 100

108 76.1 60.5 90.7

77 62.5 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.143 ng

RT: 7.157 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

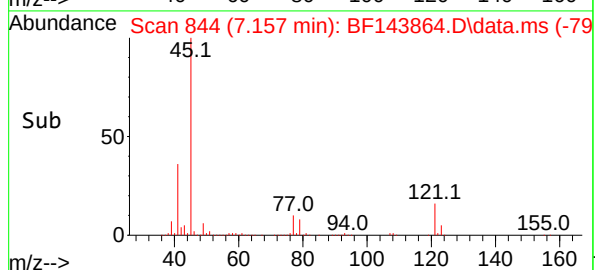
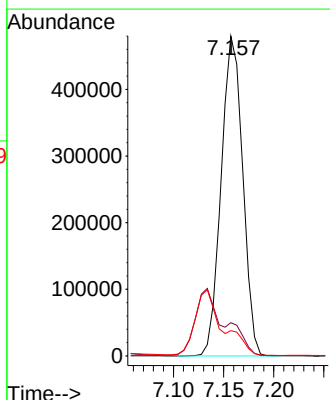
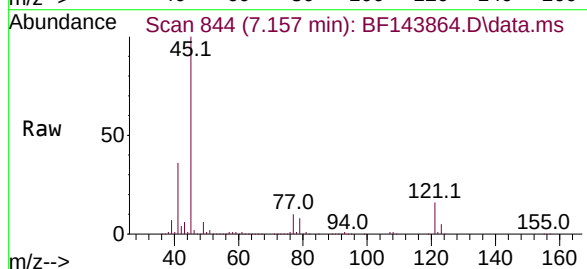
Tgt Ion: 45 Resp: 718122

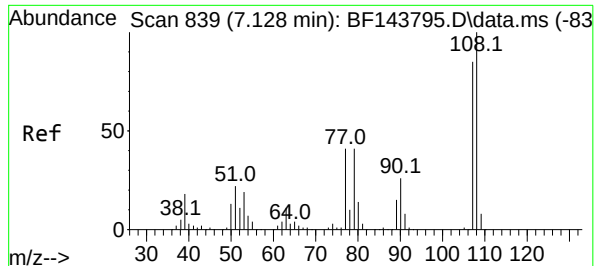
Ion Ratio Lower Upper

45 100

77 10.4 0.0 28.5

79 7.9 0.0 26.3

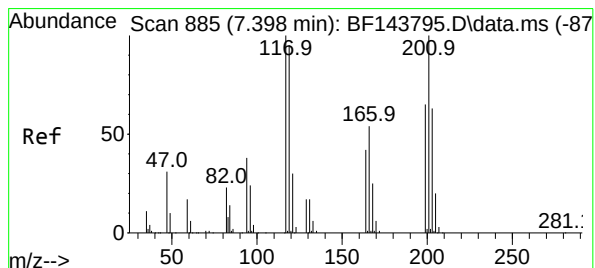
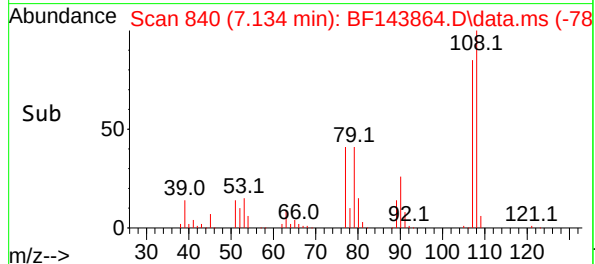
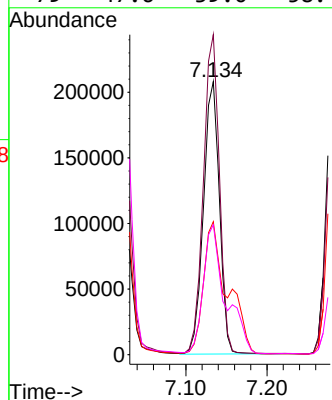
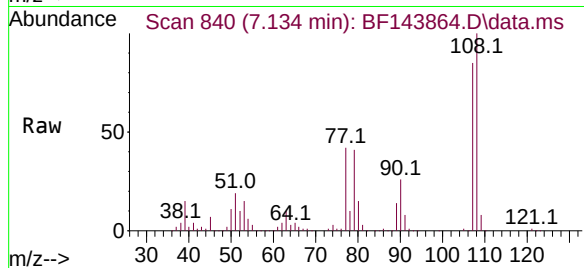




#17
2-Methylphenol
Concen: 48.820 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

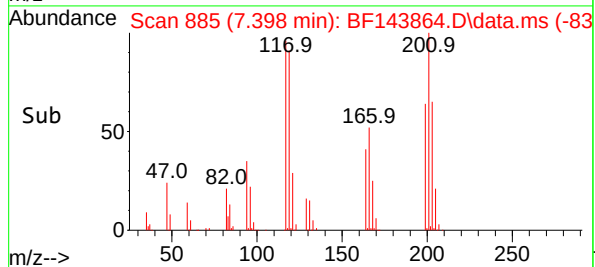
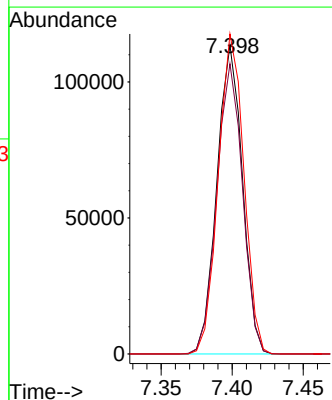
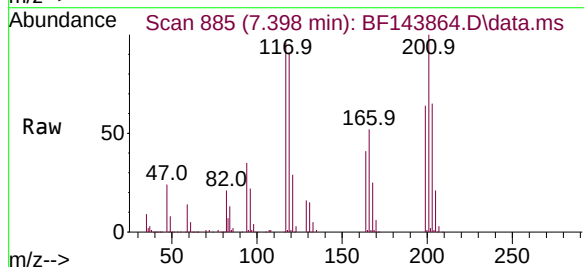
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

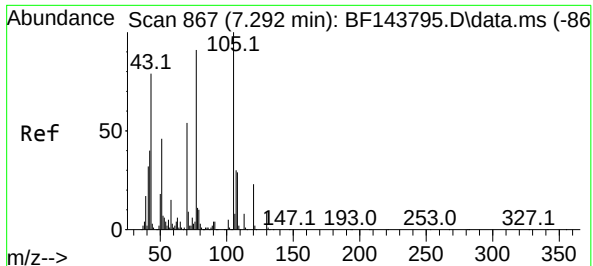
Tgt Ion	107	108	77	79
Resp:	284360	117.2	48.7	47.6
Ratio	100	100	100	100
Lower		94.2	38.6	39.0
Upper		141.4	58.0	58.4



#18
Hexachloroethane
Concen: 46.344 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion	117	119	201
Resp:	142081	94.0	103.6
Ratio	100	100	100
Lower		76.2	79.7
Upper		114.2	119.5





#19

n-Nitroso-di-n-propylamine

Concen: 46.469 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

Tgt Ion: 70 Resp: 253743

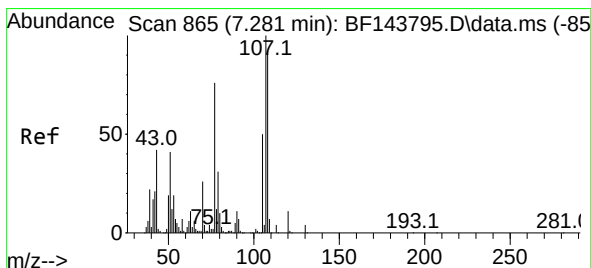
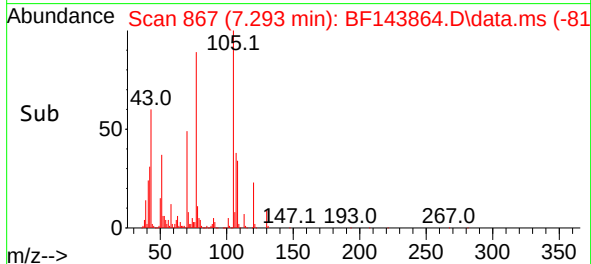
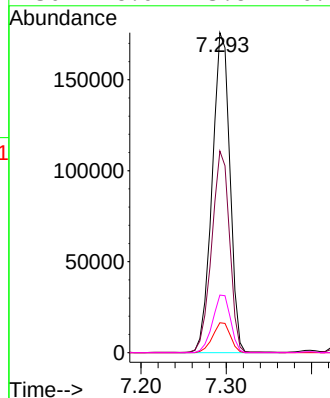
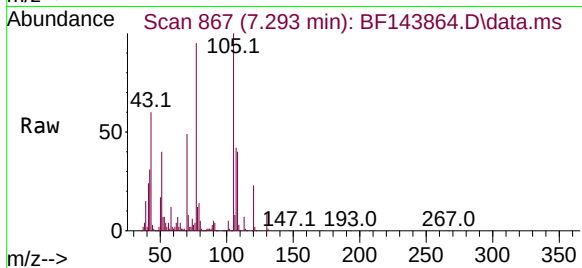
Ion Ratio Lower Upper

70 100

42 63.0 59.4 89.0

101 9.3 7.1 10.7

130 18.0 13.8 20.8



#20

3+4-Methylphenols

Concen: 46.985 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Tgt Ion: 107 Resp: 333283

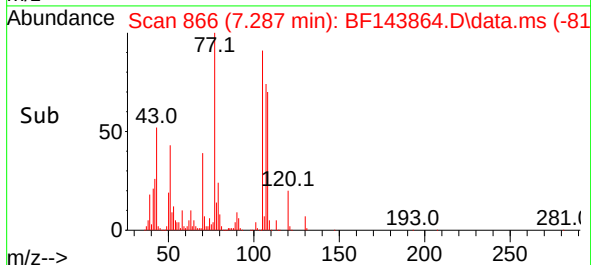
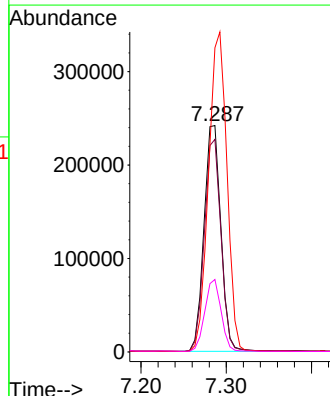
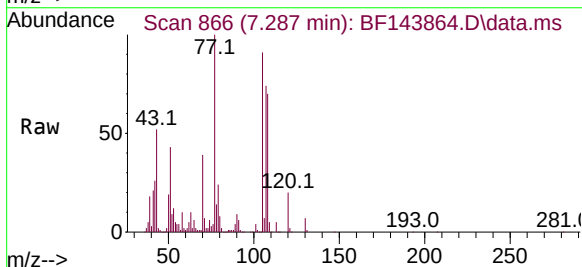
Ion Ratio Lower Upper

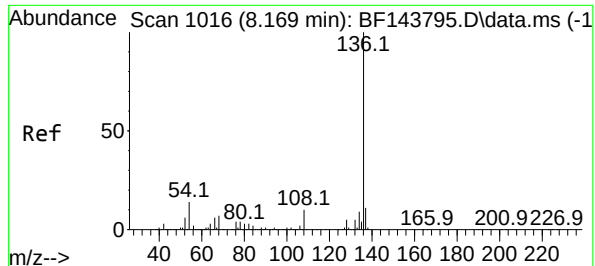
107 100

108 93.9 72.5 112.5

77 134.4 56.2 96.2#

79 32.0 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

Tgt Ion:136 Resp: 452831

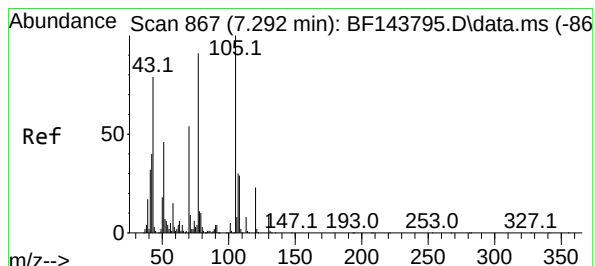
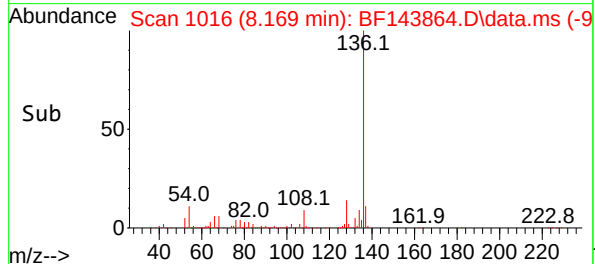
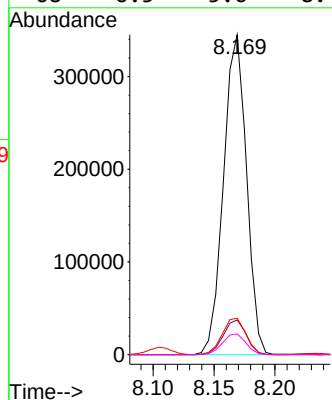
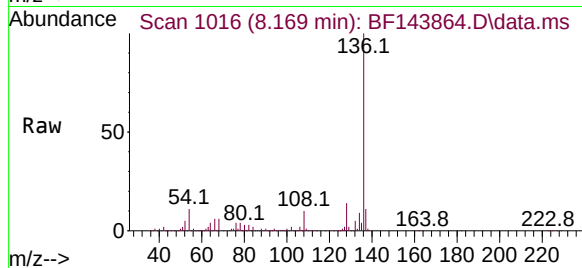
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 11.4 11.2 16.8

68 6.5 5.6 8.4



#22

Acetophenone

Concen: 50.189 ng

RT: 7.293 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Tgt Ion:105 Resp: 499175

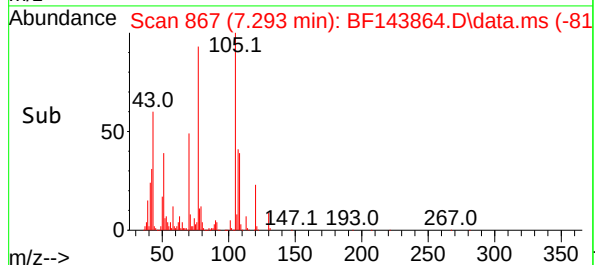
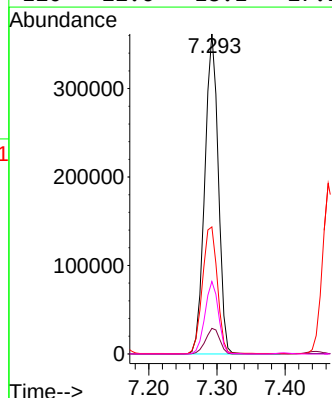
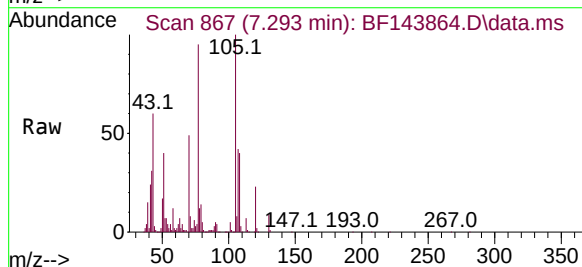
Ion Ratio Lower Upper

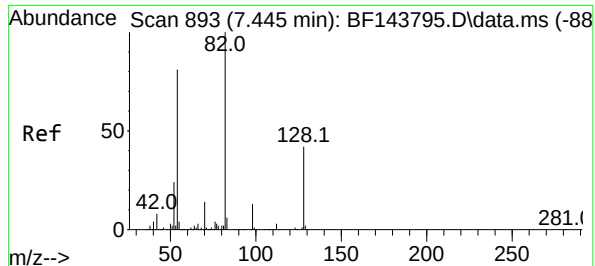
105 100

71 8.0 7.0 10.4

51 39.7 36.6 55.0

120 22.6 18.1 27.1

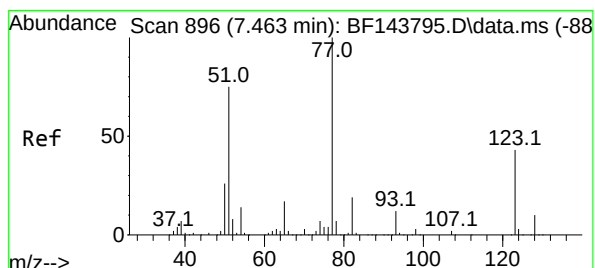
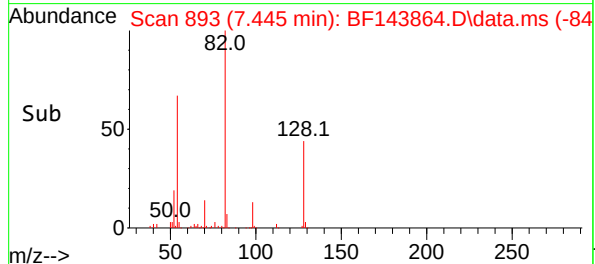
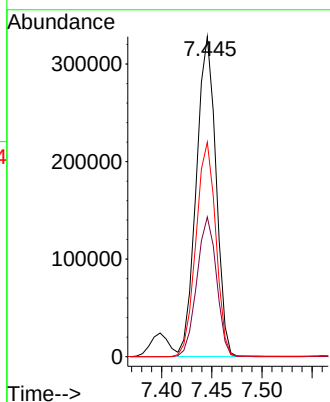
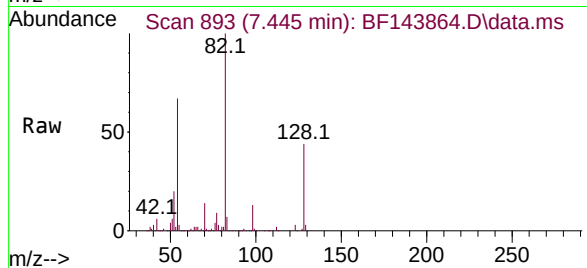




#23
Nitrobenzene-d5
Concen: 60.197 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

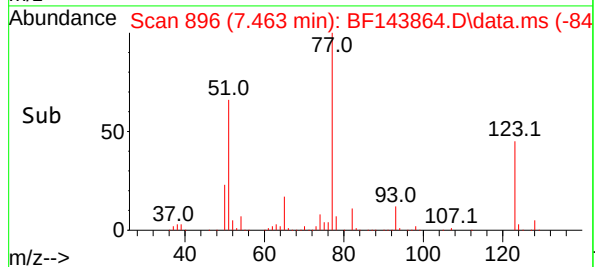
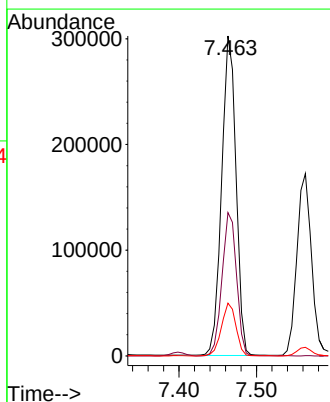
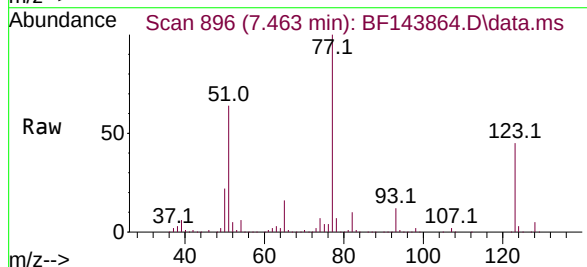
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

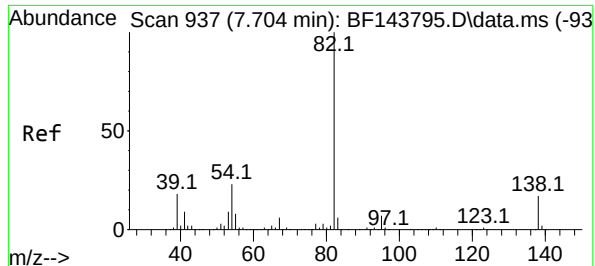
Tgt Ion: 82 Resp: 445326
Ion Ratio Lower Upper
82 100
128 43.6 33.3 49.9
54 67.0 64.2 96.4



#24
Nitrobenzene
Concen: 47.818 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion: 77 Resp: 392104
Ion Ratio Lower Upper
77 100
123 44.8 34.0 51.0
65 16.5 13.5 20.3





#25

Isophorone

Concen: 49.274 ng

RT: 7.704 min Scan# 937

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

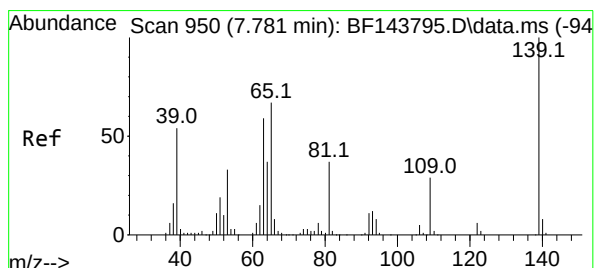
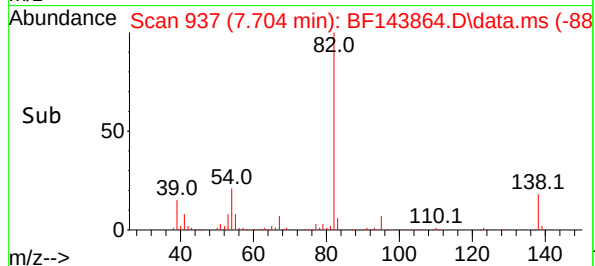
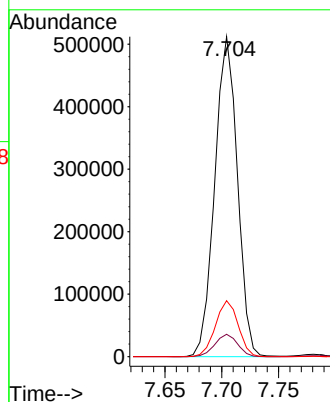
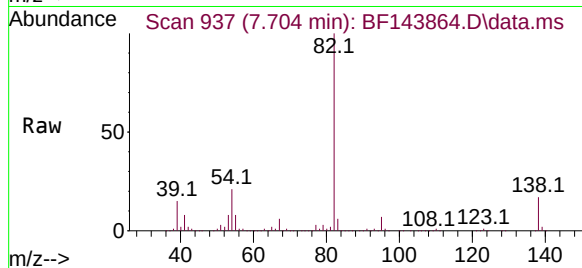
Tgt Ion: 82 Resp: 710337

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

138 17.5 13.7 20.5



#26

2-Nitrophenol

Concen: 54.406 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.005 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

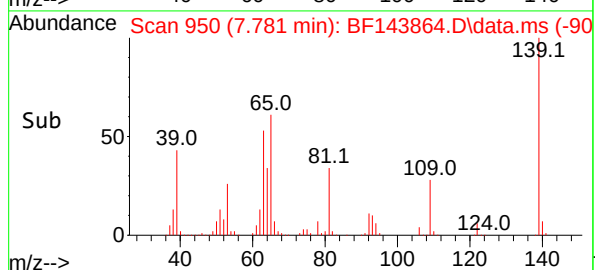
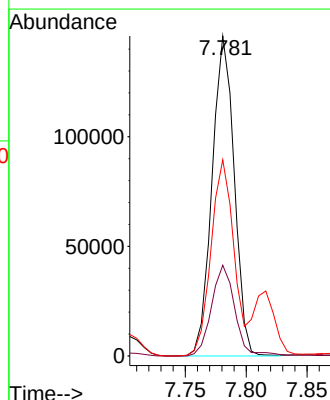
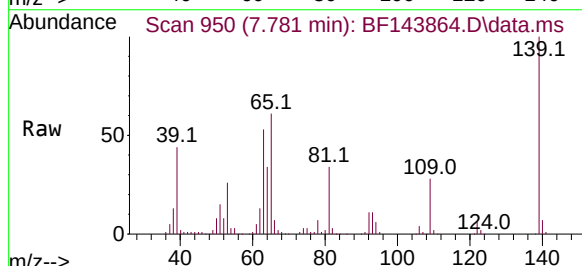
Tgt Ion: 139 Resp: 184449

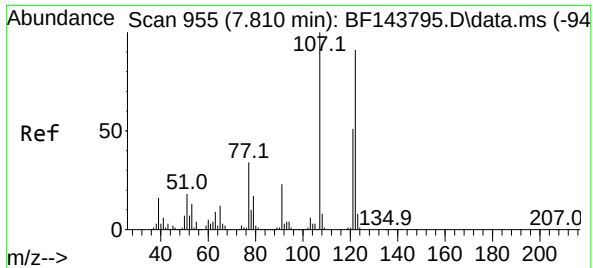
Ion Ratio Lower Upper

139 100

109 28.3 23.3 34.9

65 61.3 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 52.242 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF143864.D

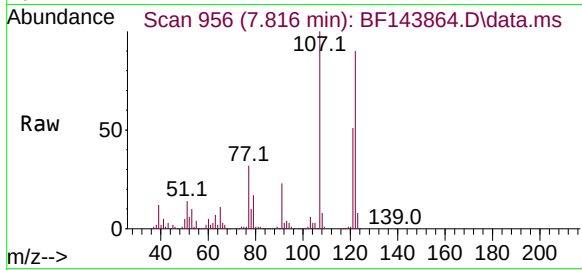
Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

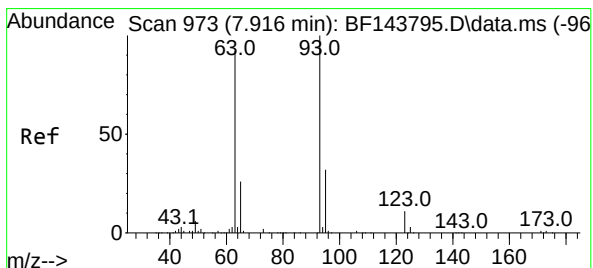
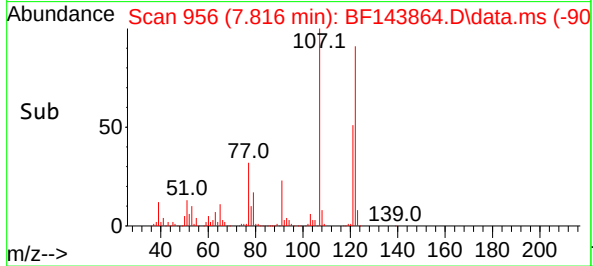
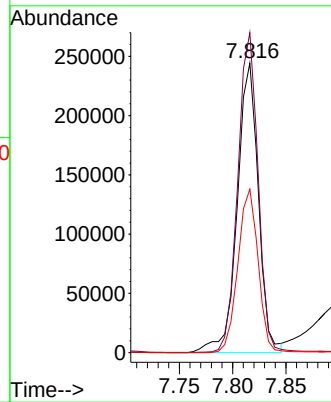
ClientSampleId :

ENV-3-6FTMS



Tgt Ion:122 Resp: 336616

Ion	Ratio	Lower	Upper
122	100		
107	110.5	87.5	131.3
121	56.5	44.2	66.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.960 ng

RT: 7.916 min Scan# 973

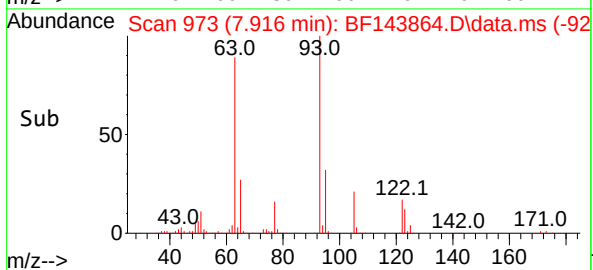
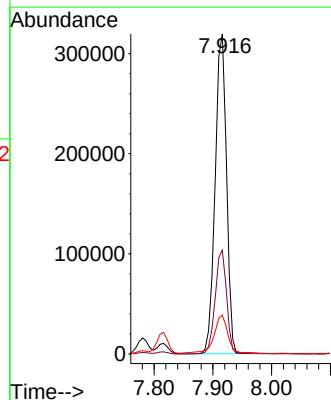
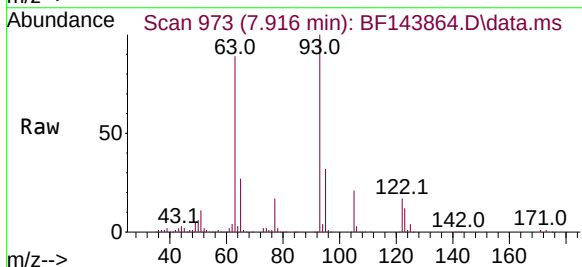
Delta R.T. 0.000 min

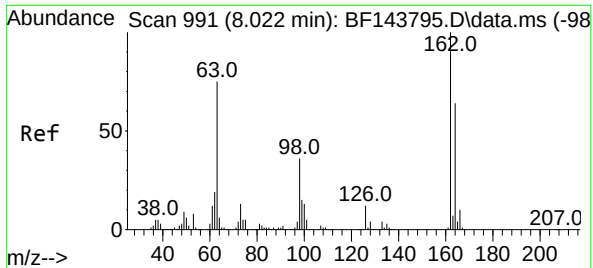
Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Tgt Ion: 93 Resp: 430461

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.8
123	12.1	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 48.651 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

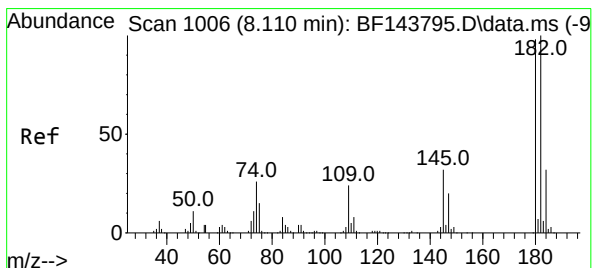
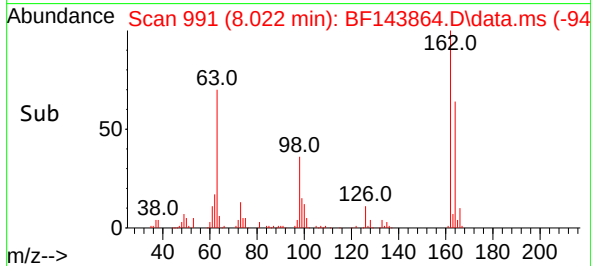
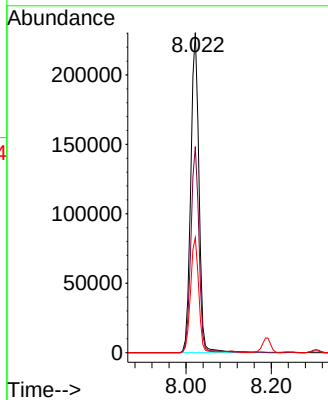
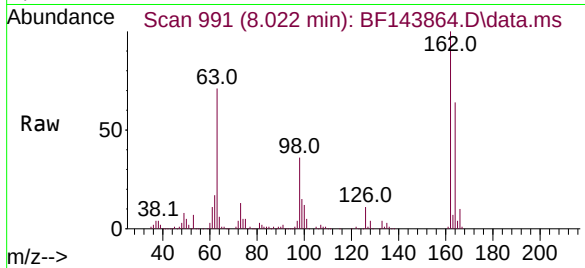
Tgt Ion:162 Resp: 308452

Ion Ratio Lower Upper

162 100

164 64.4 44.1 84.1

98 35.9 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 49.430 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

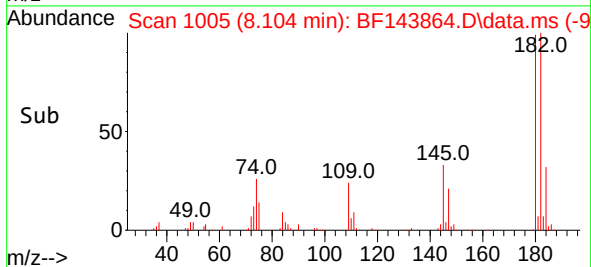
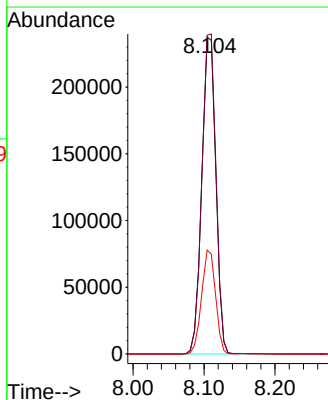
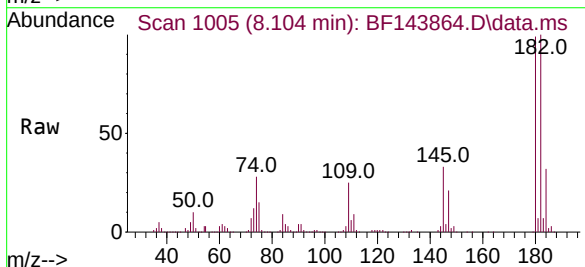
Tgt Ion:180 Resp: 325230

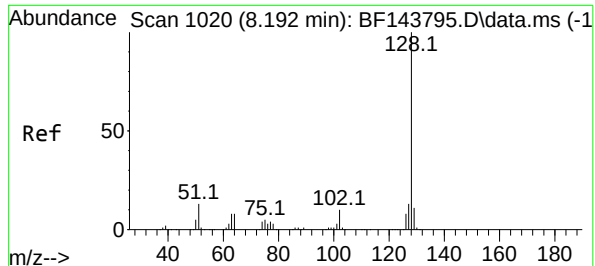
Ion Ratio Lower Upper

180 100

182 100.6 82.0 123.0

145 32.8 25.9 38.9





#31

Naphthalene

Concen: 45.485 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

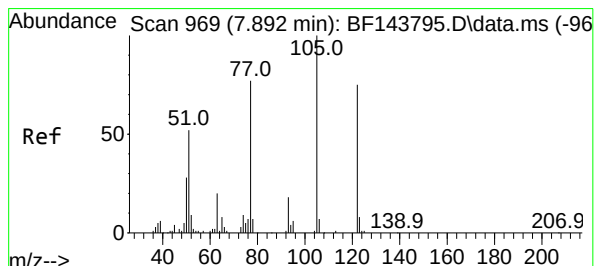
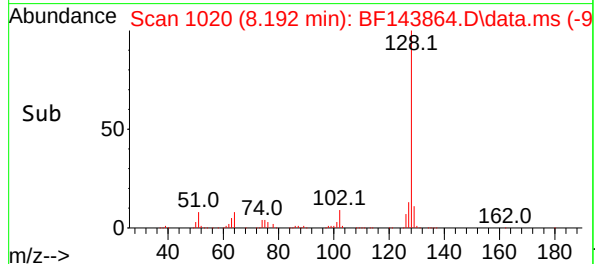
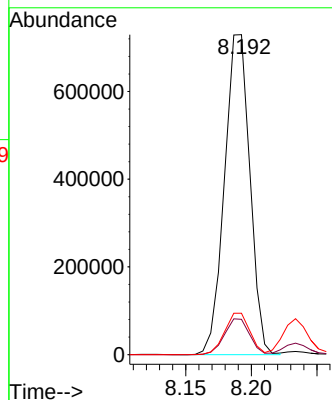
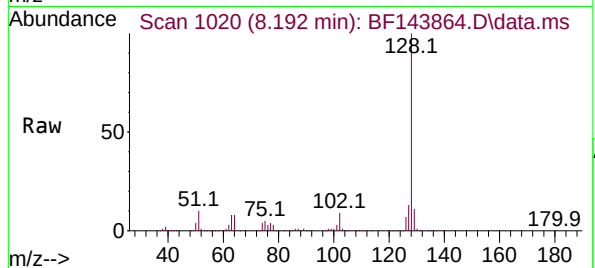
Tgt Ion:128 Resp: 986012

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 12.9 10.2 15.4



#32

Benzoic acid

Concen: 75.394 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

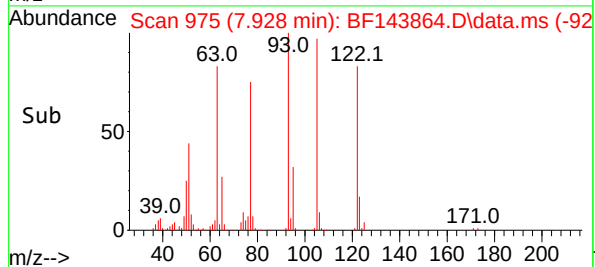
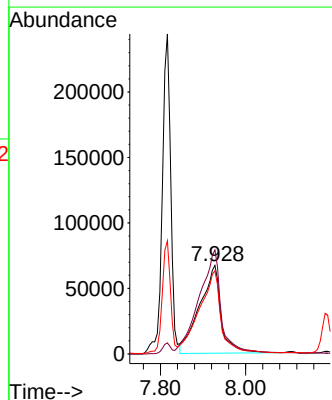
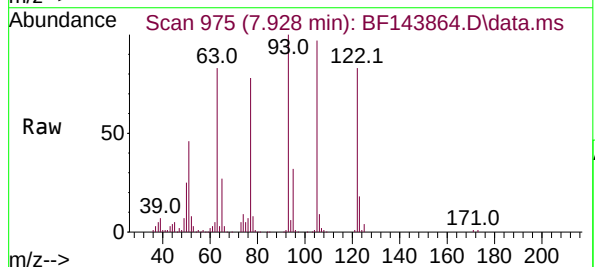
Tgt Ion:122 Resp: 234383

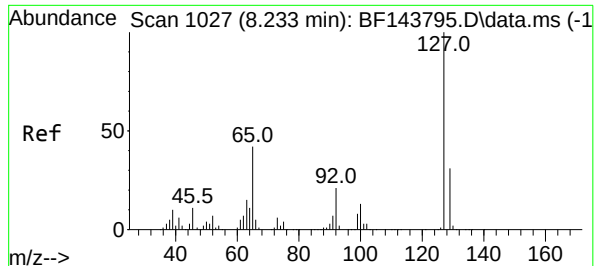
Ion Ratio Lower Upper

122 100

105 117.5 103.7 143.7

77 94.0 78.8 118.8





#33

4-Chloroaniline

Concen: 15.178 ng

RT: 8.234 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

Tgt Ion:127 Resp: 115624

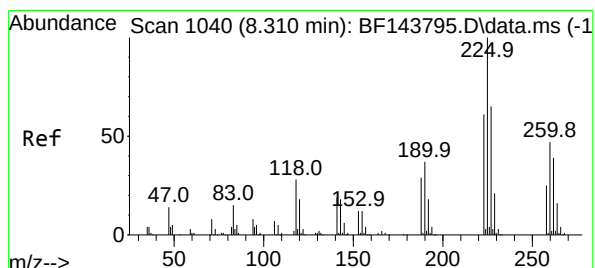
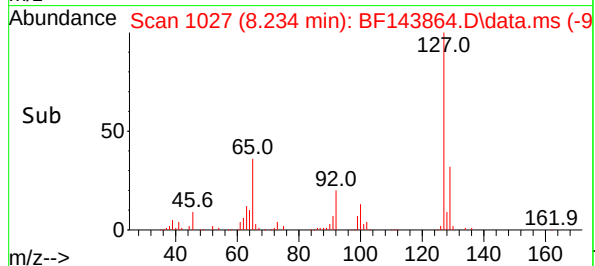
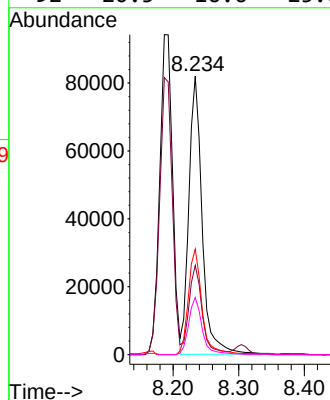
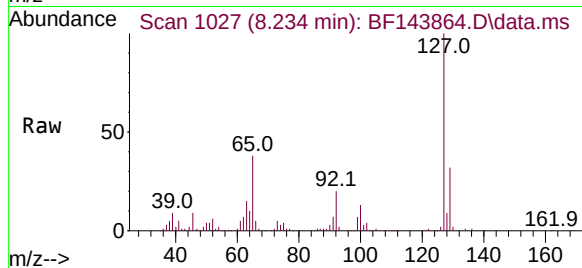
Ion Ratio Lower Upper

127 100

129 32.1 25.4 38.2

65 37.9 33.4 50.2

92 20.5 16.6 25.0



#34

Hexachlorobutadiene

Concen: 46.838 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

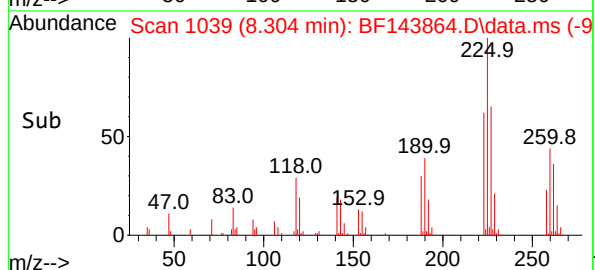
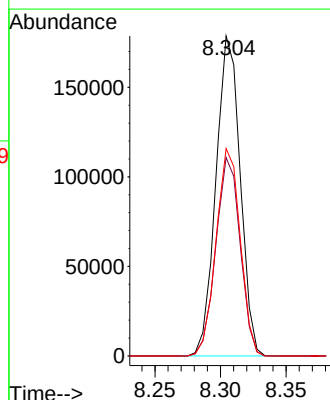
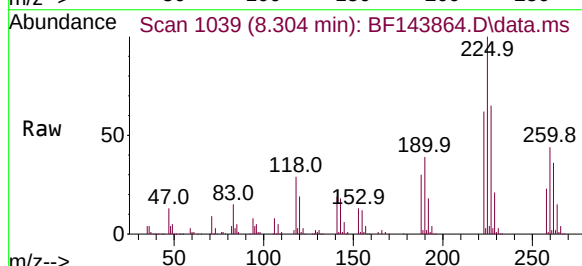
Tgt Ion:225 Resp: 229733

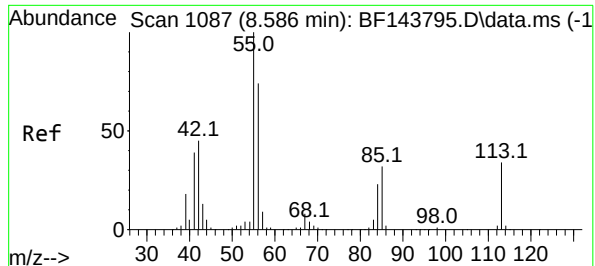
Ion Ratio Lower Upper

225 100

223 62.0 48.6 72.8

227 64.8 51.9 77.9





#35

Caprolactam

Concen: 60.552 ng

RT: 8.604 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

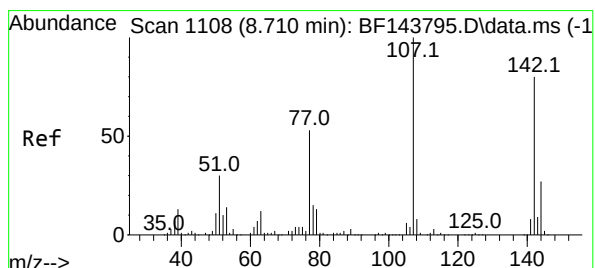
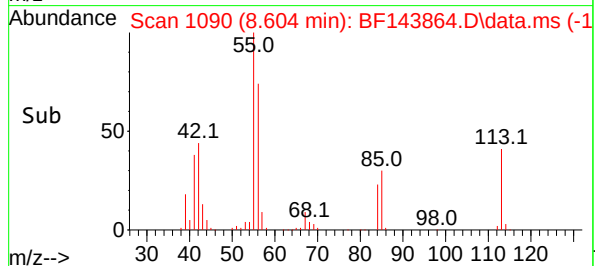
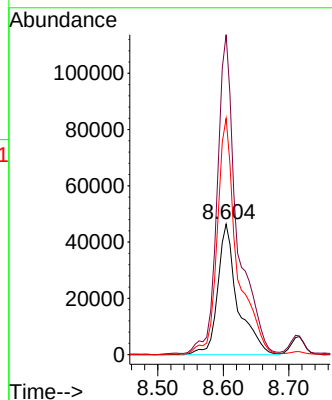
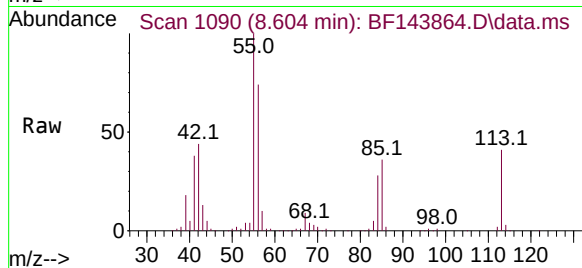
Tgt Ion:113 Resp: 98125

Ion Ratio Lower Upper

113 100

55 245.3 271.7 311.7#

56 181.1 194.5 234.5#



#36

4-Chloro-3-methylphenol

Concen: 51.593 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

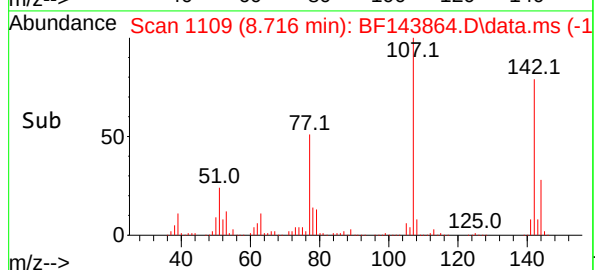
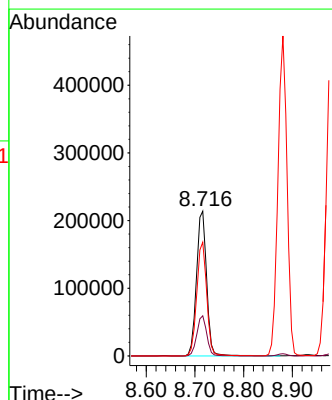
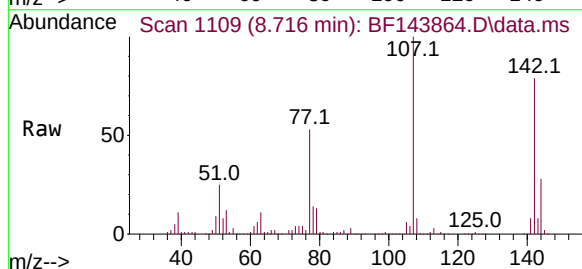
Tgt Ion:107 Resp: 306778

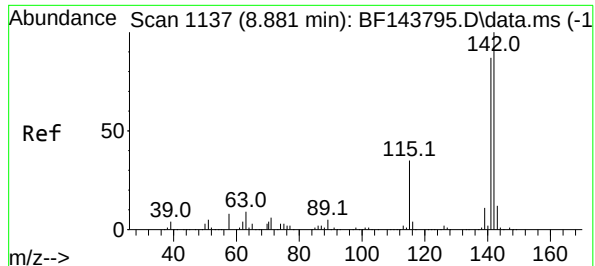
Ion Ratio Lower Upper

107 100

144 27.7 21.8 32.8

142 78.6 63.6 95.4





#37

2-Methylnaphthalene

Concen: 44.309 ng

RT: 8.881 min Scan# 1137

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

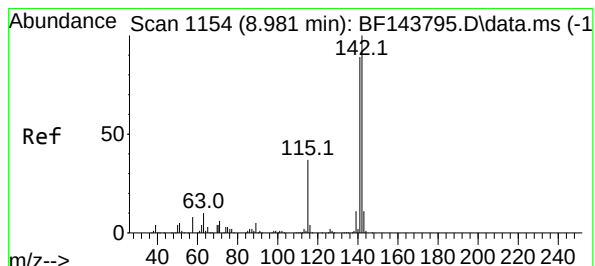
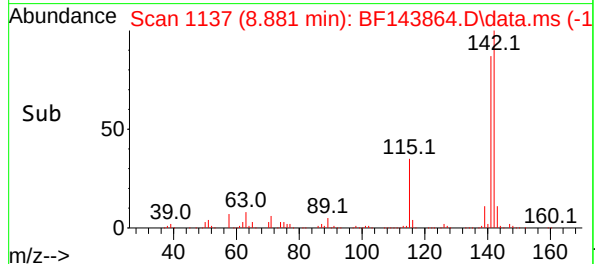
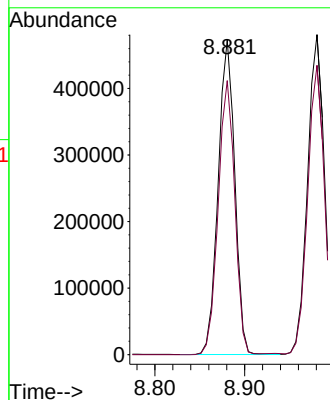
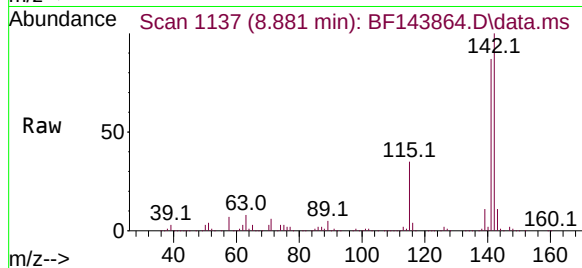
ENV-3-6FTMS

Tgt Ion:142 Resp: 612475

Ion Ratio Lower Upper

142 100

141 87.1 69.4 104.0



#38

1-Methylnaphthalene

Concen: 46.926 ng

RT: 8.981 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF143864.D

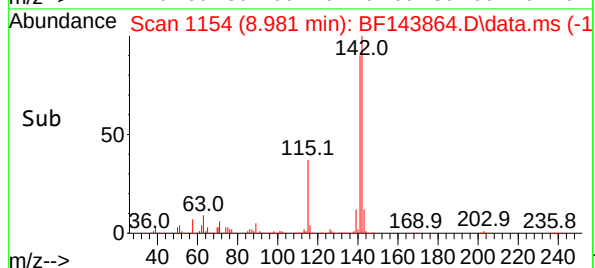
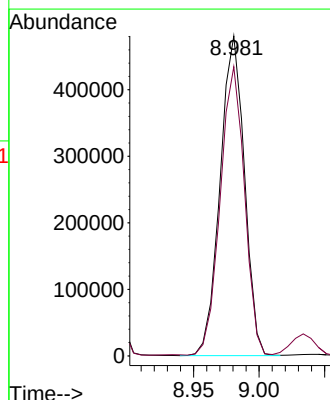
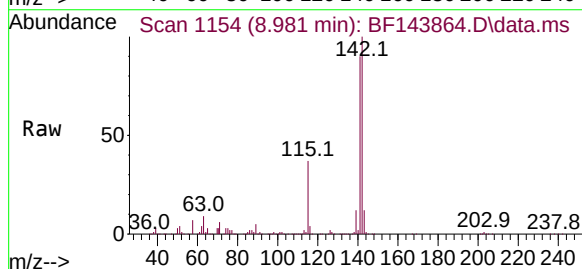
Acq: 02 Oct 2025 19:38

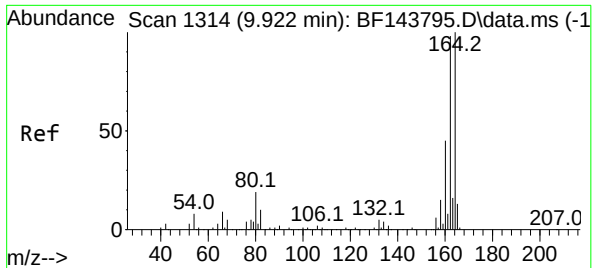
Tgt Ion:142 Resp: 620851

Ion Ratio Lower Upper

142 100

141 90.4 71.1 106.7

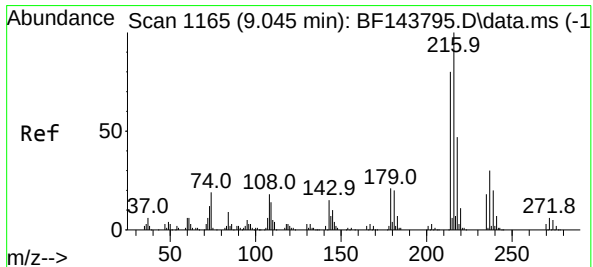
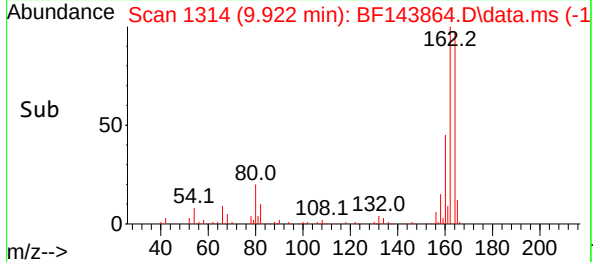
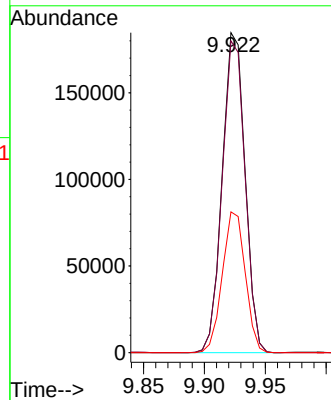
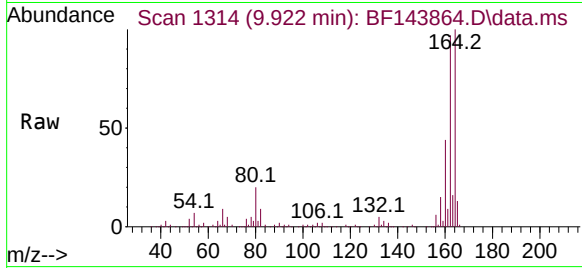




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

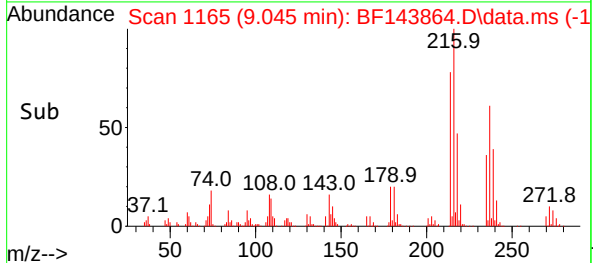
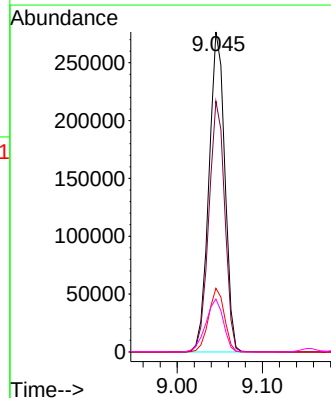
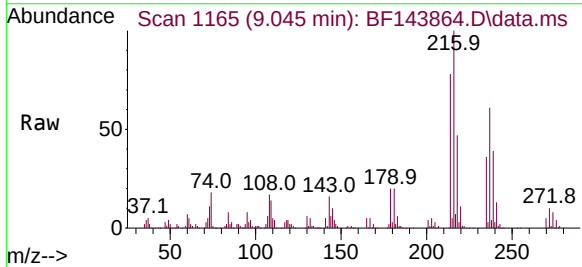
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

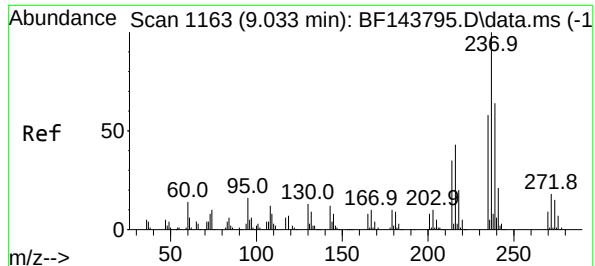
Tgt Ion	Resp	Ion Ratio	Lower	Upper
164	241644	100		
162	97.4		78.8	118.2
160	44.0		35.8	53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.948 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion	Resp	Ion Ratio	Lower	Upper
216	356950	100		
214	78.4		63.7	95.5
179	19.8		16.5	24.7
108	18.4		14.9	22.3





#41

Hexachlorocyclopentadiene

Concen: 105.078 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

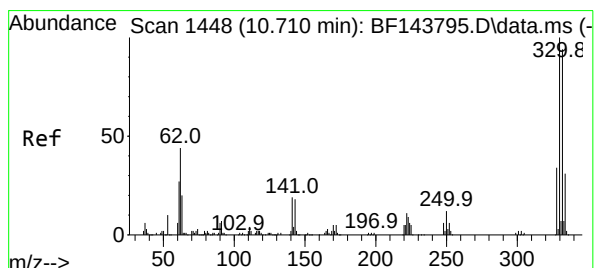
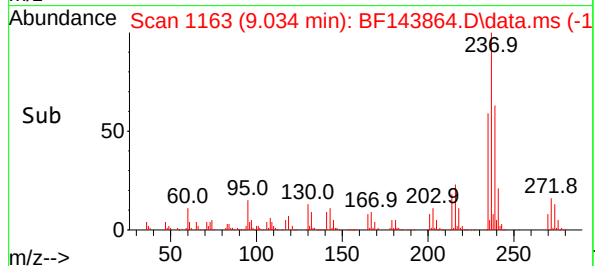
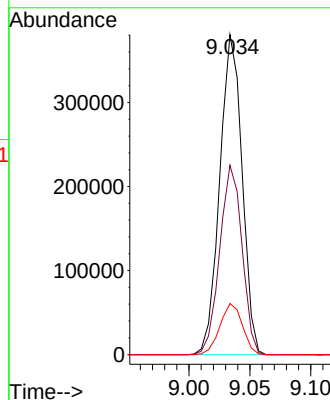
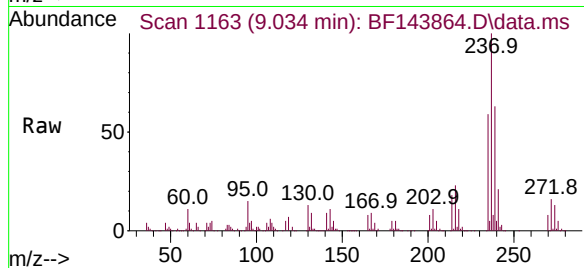
Tgt Ion:237 Resp: 485641

Ion Ratio Lower Upper

237 100

235 59.2 38.1 78.1

272 16.0 0.0 37.9



#42

2,4,6-Tribromophenol

Concen: 54.706 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

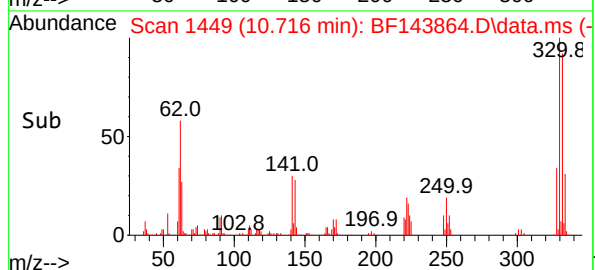
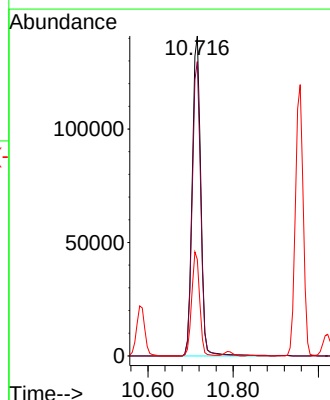
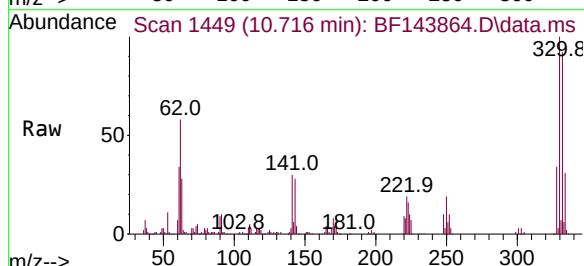
Tgt Ion:330 Resp: 195734

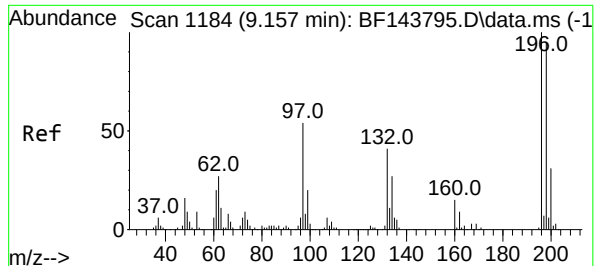
Ion Ratio Lower Upper

330 100

332 92.0 74.7 112.1

141 30.4 14.3 21.5#





#43

2,4,6-Trichlorophenol

Concen: 49.930 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

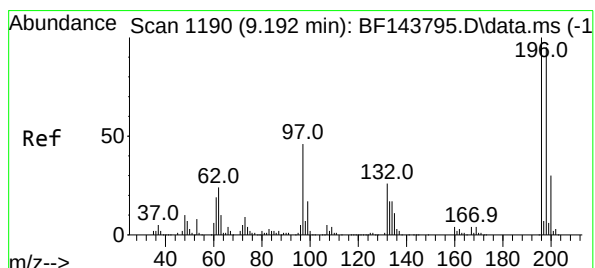
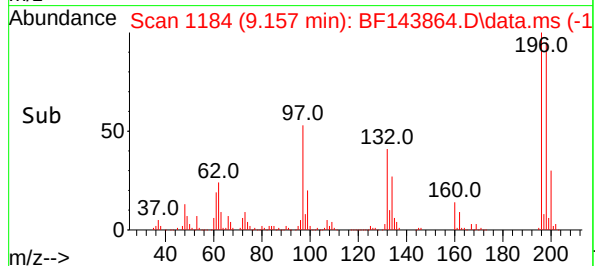
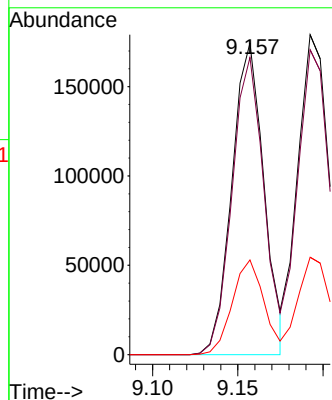
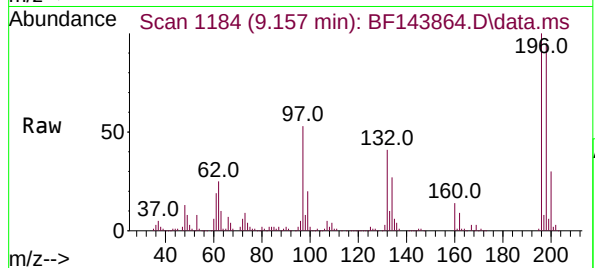
Tgt Ion:196 Resp: 227991

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.2

200 30.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 49.134 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Tgt Ion:196 Resp: 234672

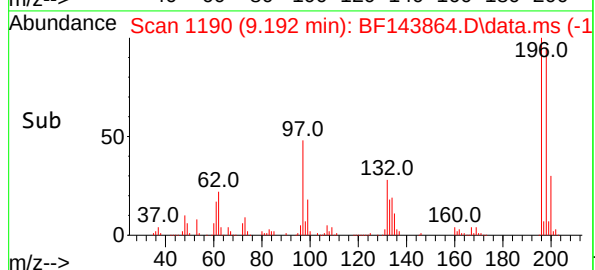
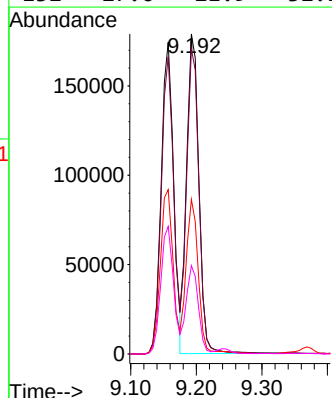
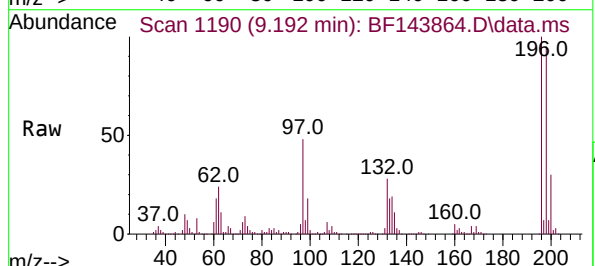
Ion Ratio Lower Upper

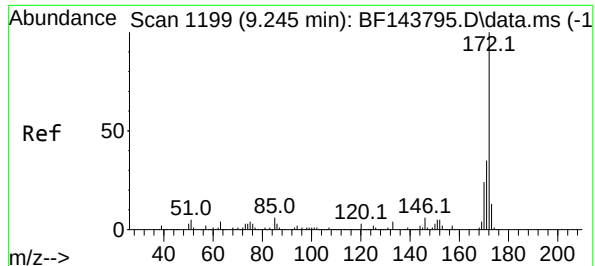
196 100

198 95.3 75.9 113.9

97 48.3 38.3 57.5

132 27.6 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 50.439 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

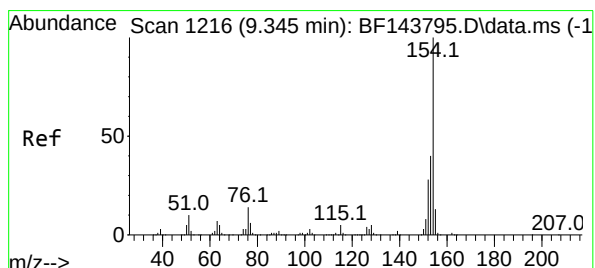
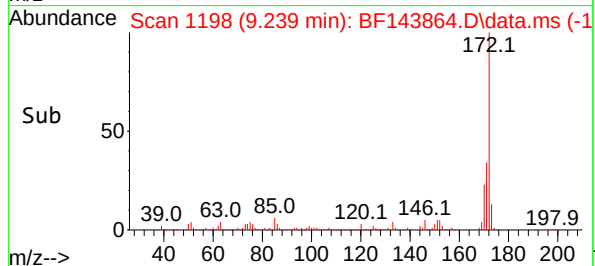
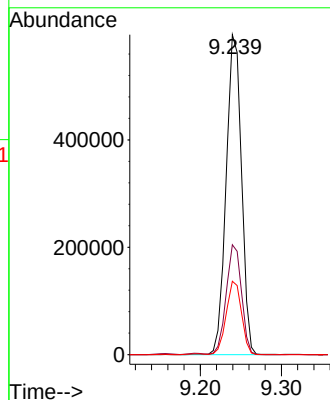
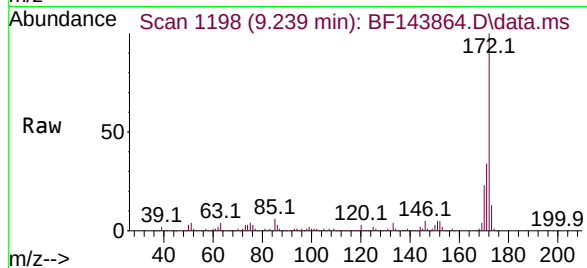
Tgt Ion:172 Resp: 781050

Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 22.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.480 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

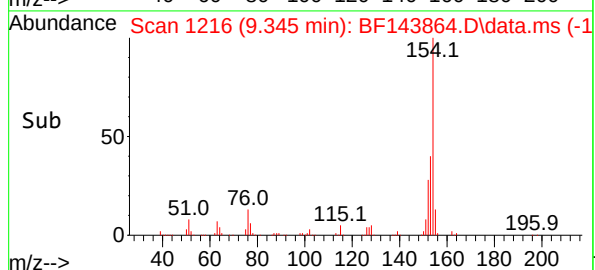
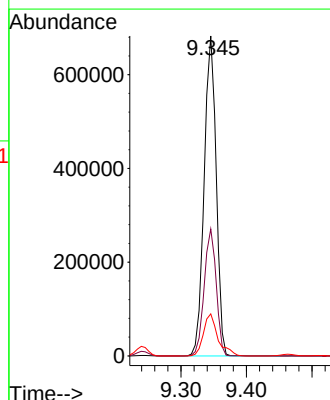
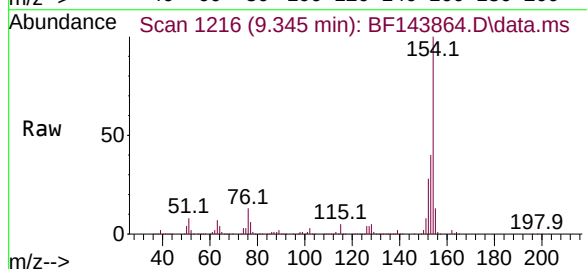
Tgt Ion:154 Resp: 865505

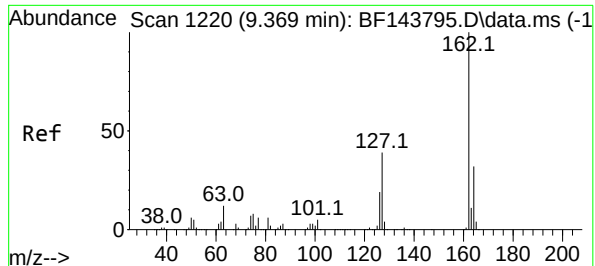
Ion Ratio Lower Upper

154 100

153 39.7 19.7 59.7

76 13.1 0.0 33.8





#47

2-Chloronaphthalene

Concen: 44.695 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

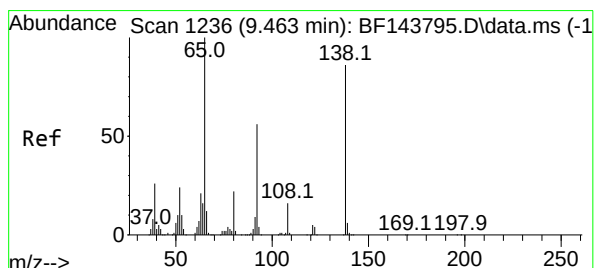
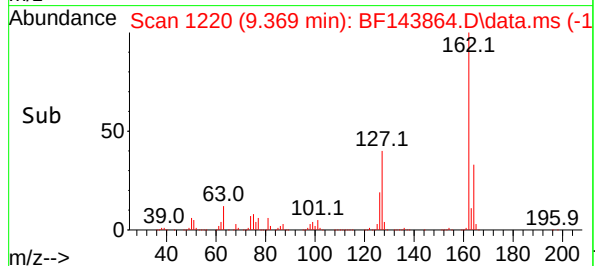
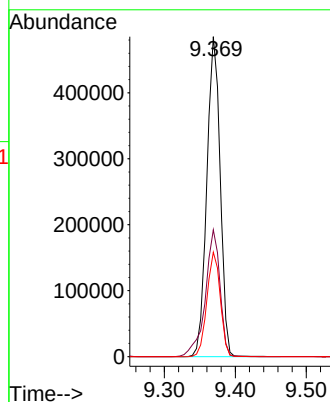
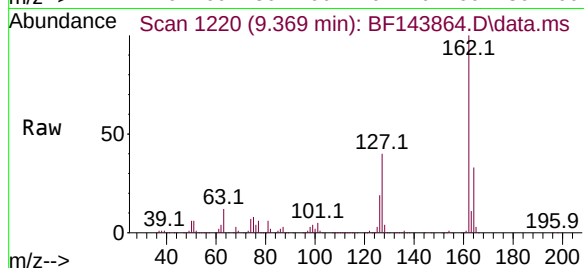
Tgt Ion:162 Resp: 629309

Ion Ratio Lower Upper

162 100

127 39.6 31.5 47.3

164 32.6 25.9 38.9



#48

2-Nitroaniline

Concen: 56.079 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

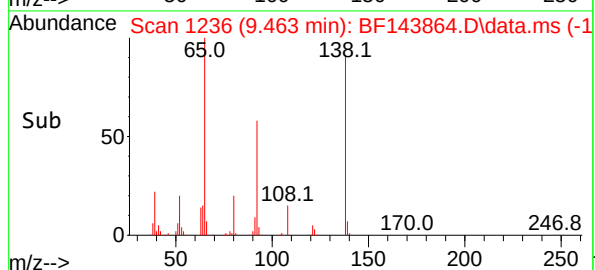
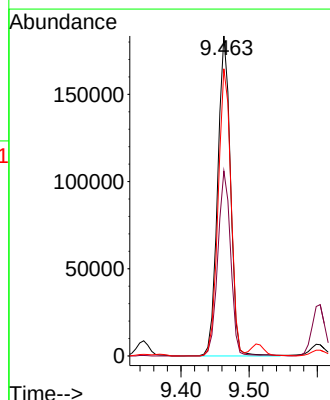
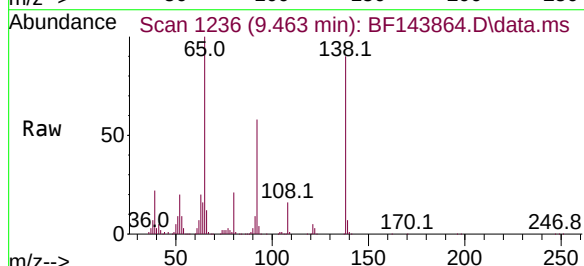
Tgt Ion: 65 Resp: 238647

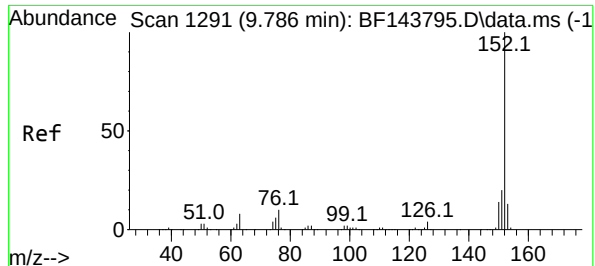
Ion Ratio Lower Upper

65 100

92 57.8 44.9 67.3

138 89.7 69.0 103.4





#49

Acenaphthylene

Concen: 52.805 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

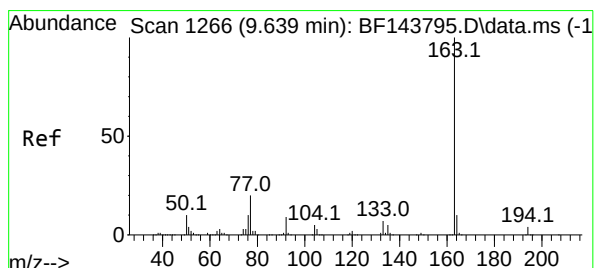
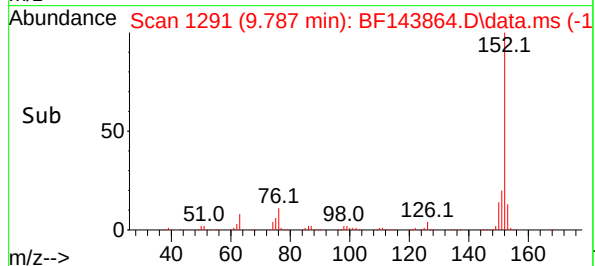
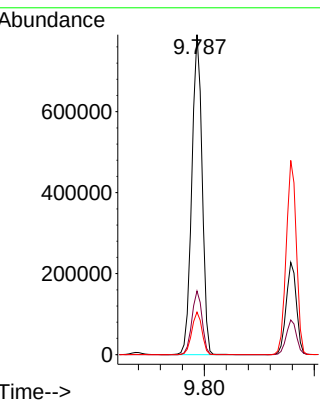
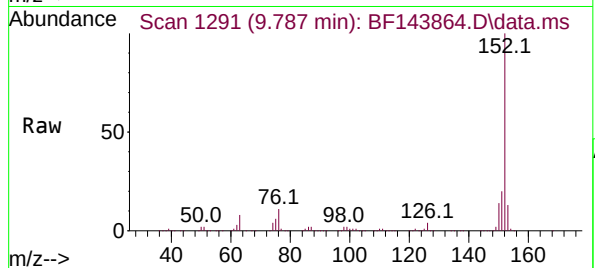
Tgt Ion:152 Resp: 1023535

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 49.664 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

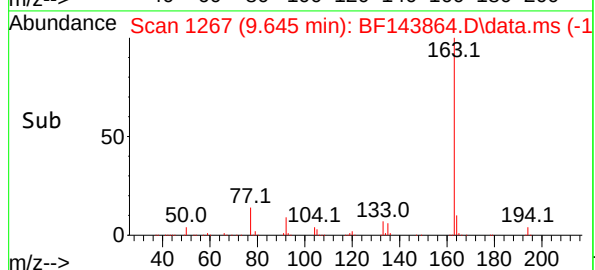
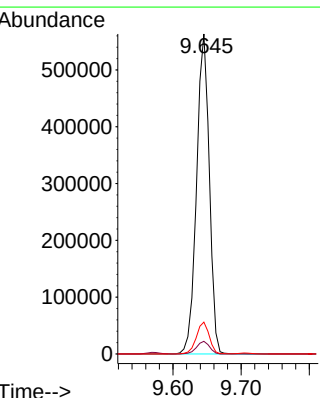
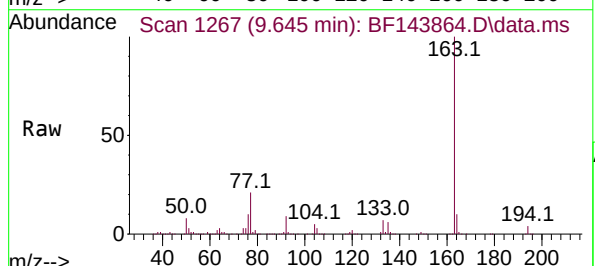
Tgt Ion:163 Resp: 731465

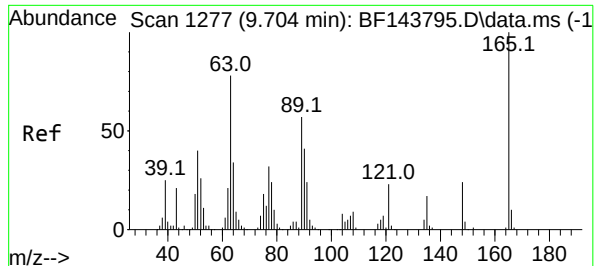
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.9 8.2 12.2

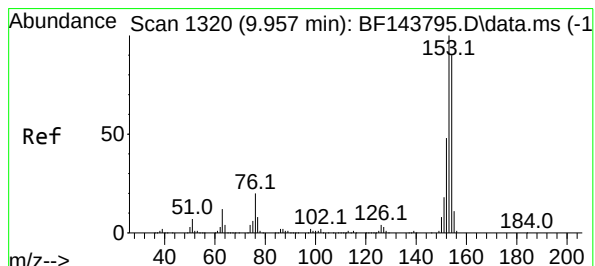
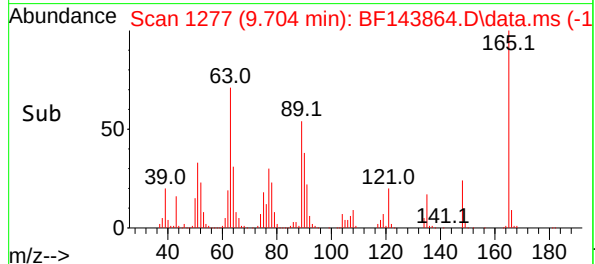
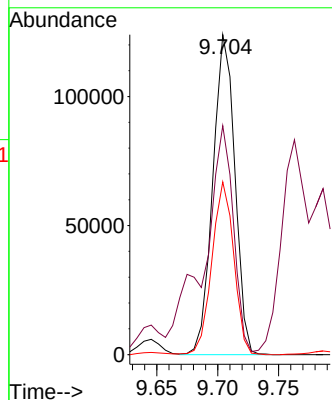
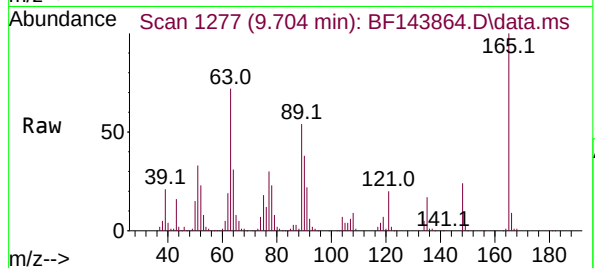




#51
2,6-Dinitrotoluene
Concen: 64.642 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

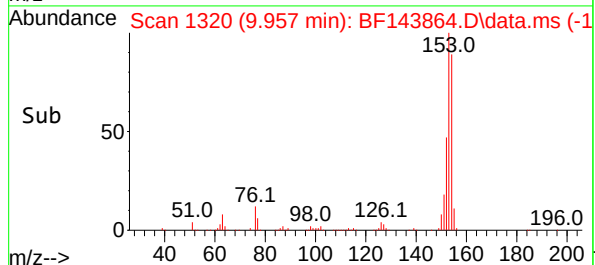
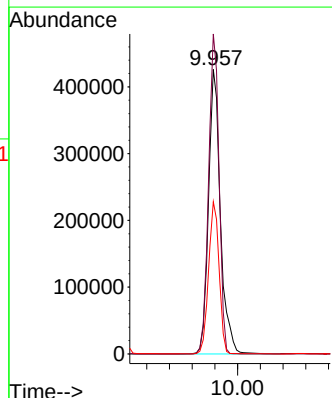
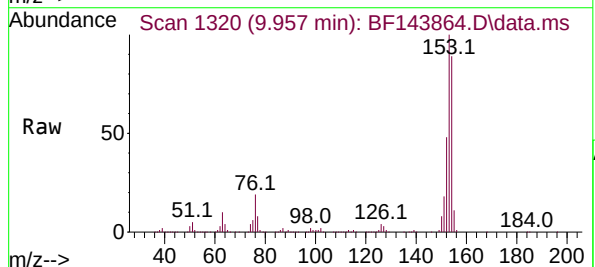
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

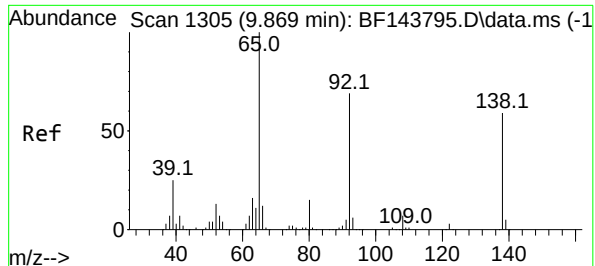
Tgt Ion:165 Resp: 156423
Ion Ratio Lower Upper
165 100
63 71.5 62.6 94.0
89 54.0 45.2 67.8



#52
Acenaphthene
Concen: 48.786 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:154 Resp: 622293
Ion Ratio Lower Upper
154 100
153 112.5 88.7 133.1
152 53.5 42.7 64.1





#53

3-Nitroaniline

Concen: 31.191 ng

RT: 9.875 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

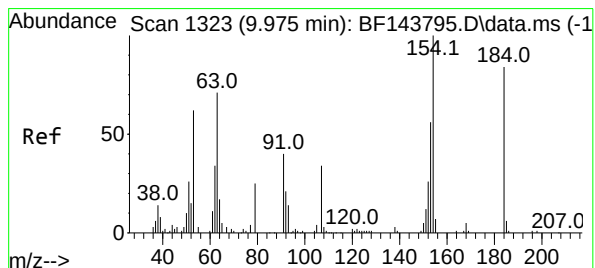
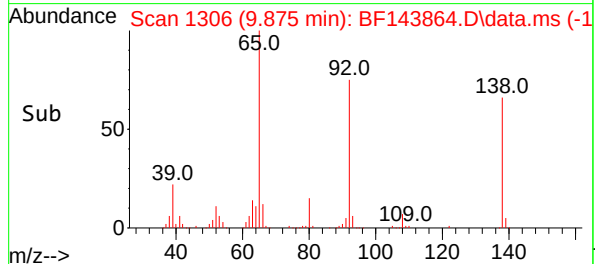
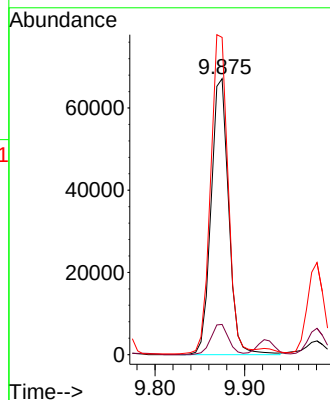
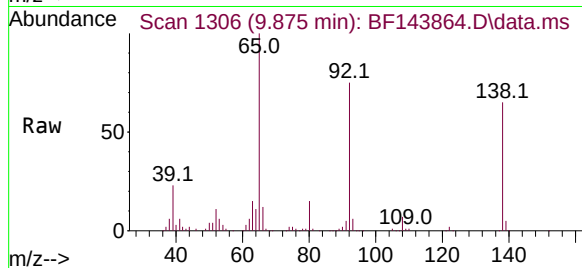
Tgt Ion:138 Resp: 91487

Ion Ratio Lower Upper

138 100

108 10.9 9.9 14.9

92 115.0 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 100.703 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

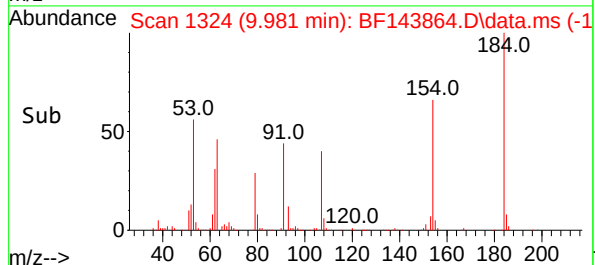
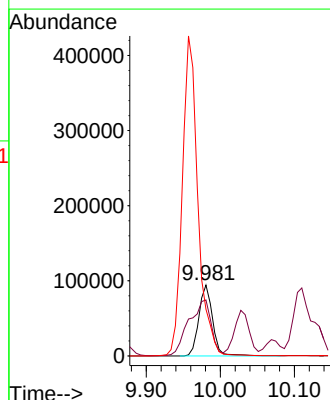
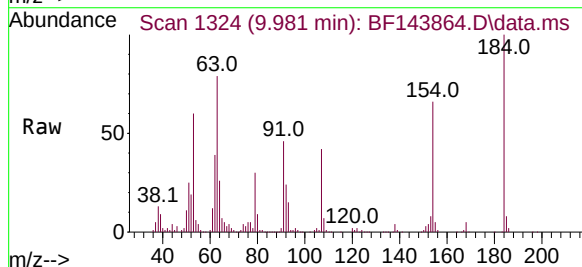
Tgt Ion:184 Resp: 121210

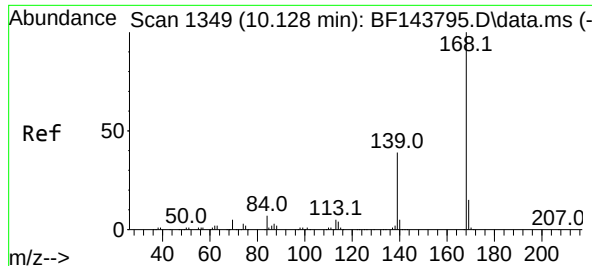
Ion Ratio Lower Upper

184 100

63 79.0 84.6 127.0#

154 65.8 199.3 298.9#





#55

Dibenzenofuran

Concen: 47.064 ng

RT: 10.134 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

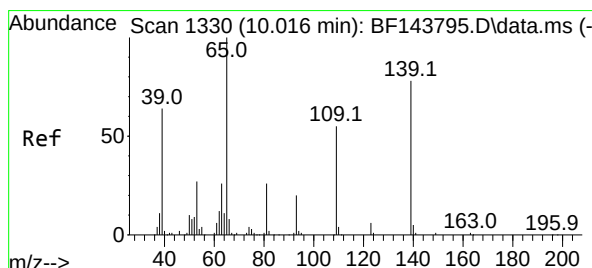
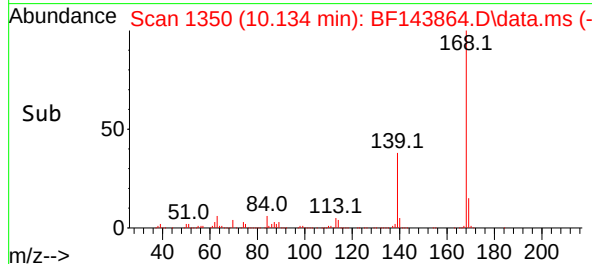
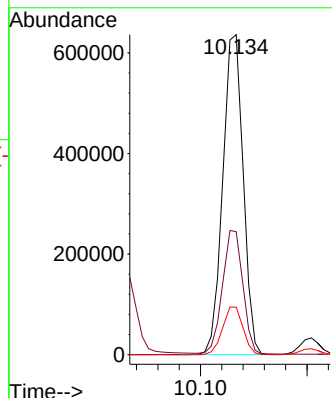
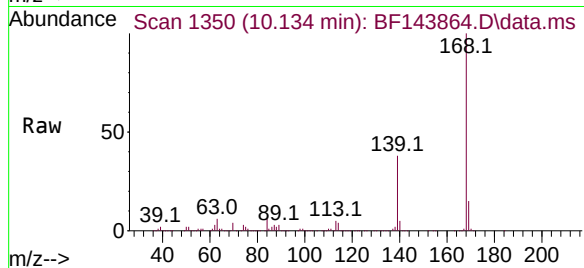
Tgt Ion:168 Resp: 848921

Ion Ratio Lower Upper

168 100

139 38.4 31.0 46.6

169 14.9 11.9 17.9



#56

4-Nitrophenol

Concen: 100.124 ng

RT: 10.028 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

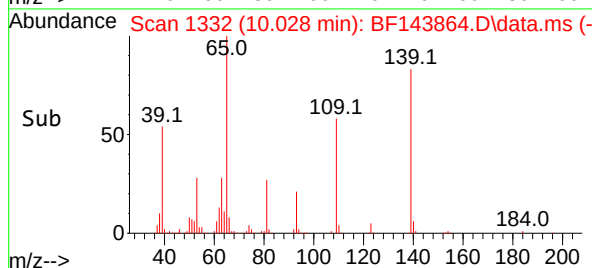
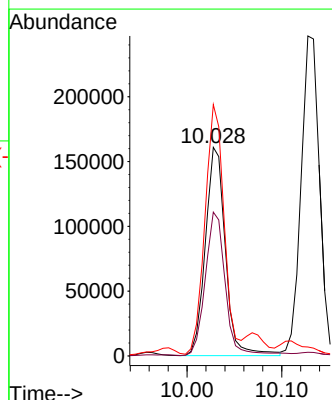
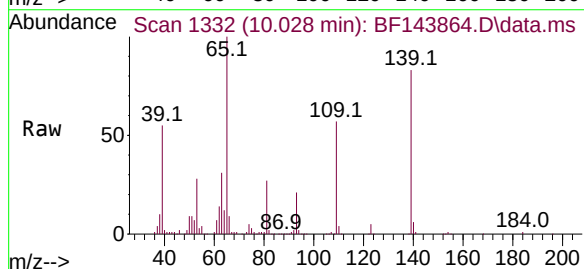
Tgt Ion:139 Resp: 236657

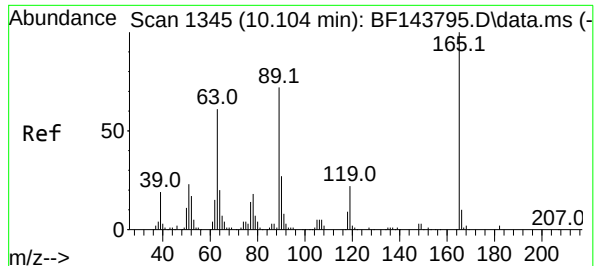
Ion Ratio Lower Upper

139 100

109 68.9 50.2 90.2

65 120.5 109.2 149.2

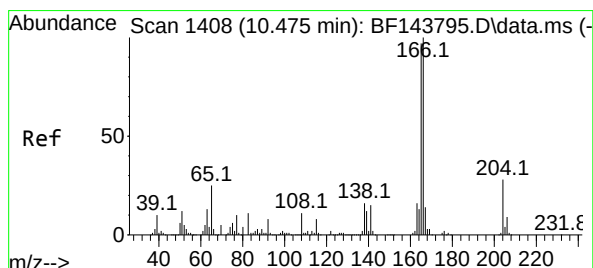
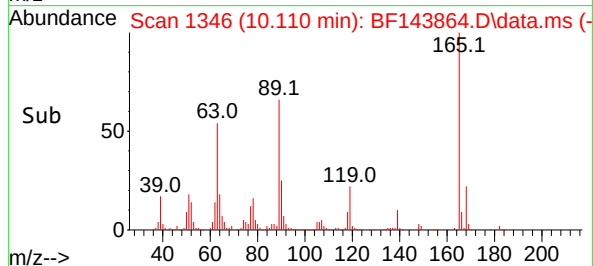
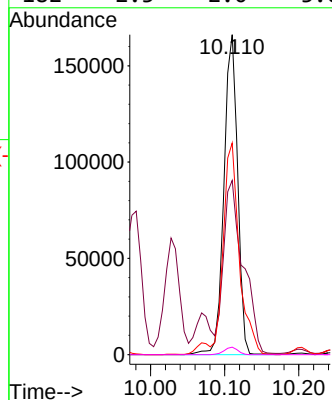
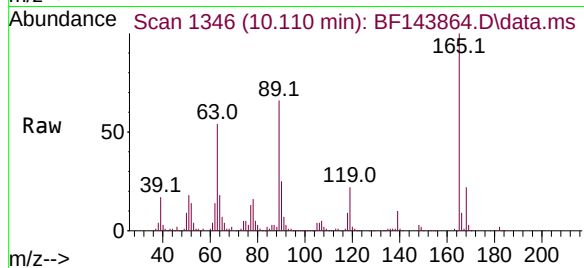




#57
2,4-Dinitrotoluene
Concen: 58.468 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

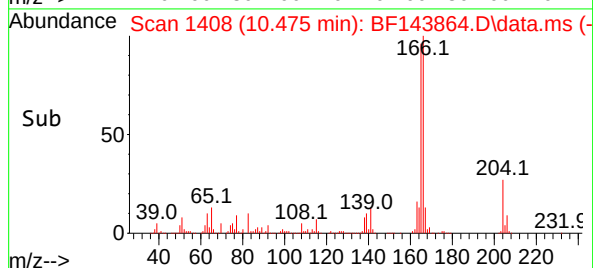
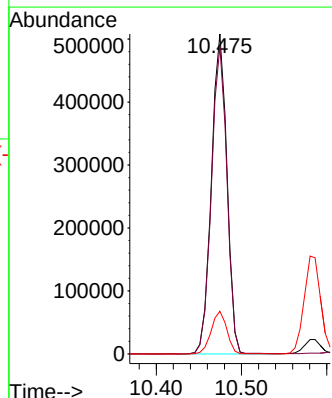
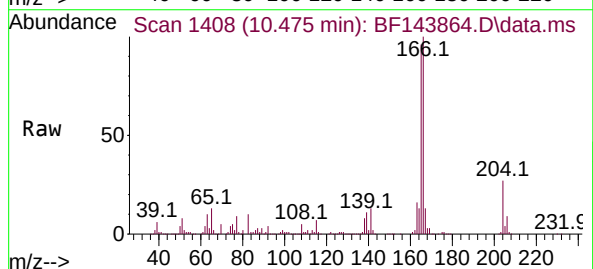
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

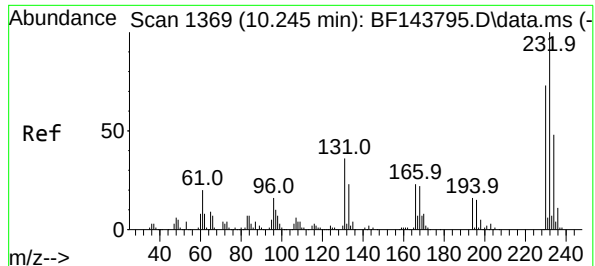
Tgt Ion:165 Resp: 212438
Ion Ratio Lower Upper
165 100
63 54.4 48.9 73.3
89 66.1 57.5 86.3
182 2.3 2.0 3.0



#58
Fluorene
Concen: 47.871 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:166 Resp: 641919
Ion Ratio Lower Upper
166 100
165 96.1 78.0 117.0
167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.559 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

Tgt Ion:232 Resp: 227326

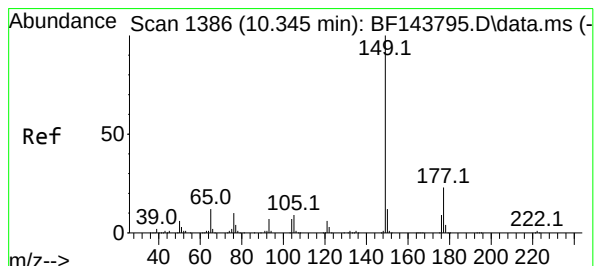
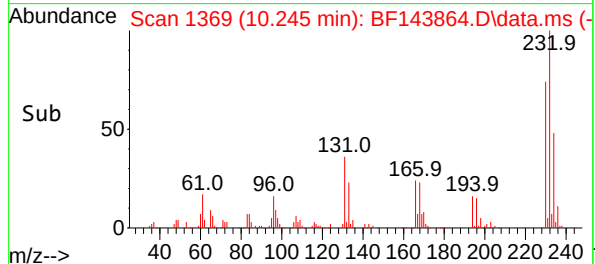
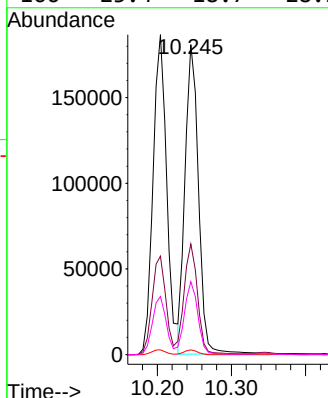
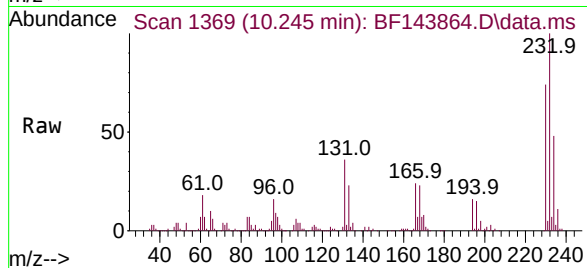
Ion Ratio Lower Upper

232 100

131 36.3 29.4 44.2

130 1.5 1.3 1.9

166 23.4 18.7 28.1



#60

Diethylphthalate

Concen: 50.698 ng

RT: 10.345 min Scan# 1386

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

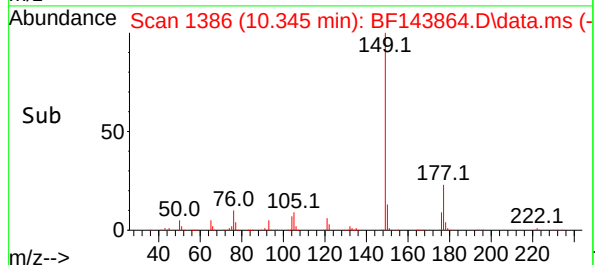
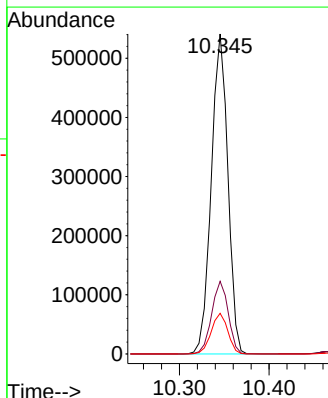
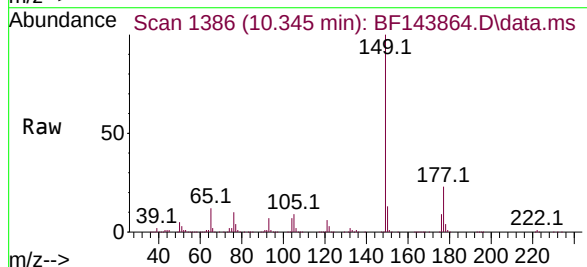
Tgt Ion:149 Resp: 698970

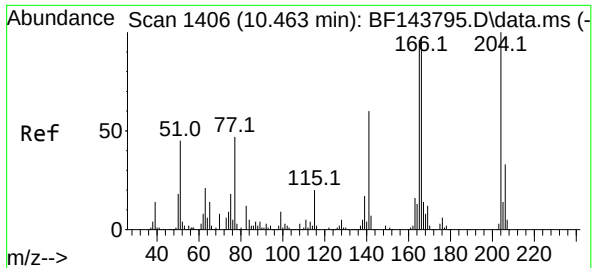
Ion Ratio Lower Upper

149 100

177 22.7 18.1 27.1

150 12.7 9.7 14.5

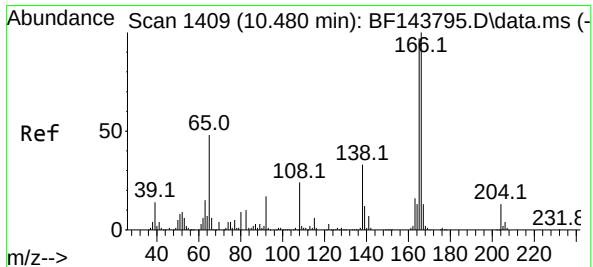
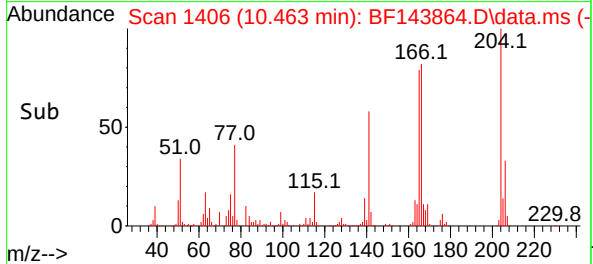
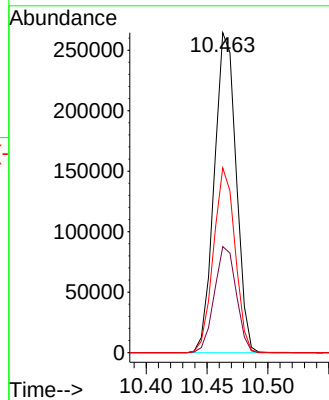
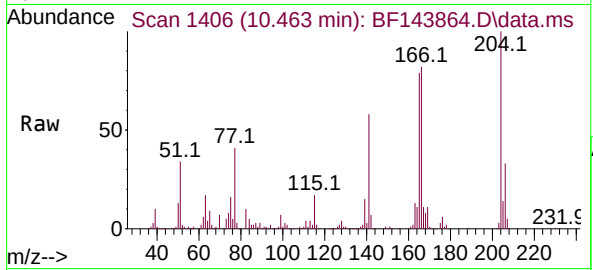




#61
4-Chlorophenyl-phenylether
Concen: 48.317 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

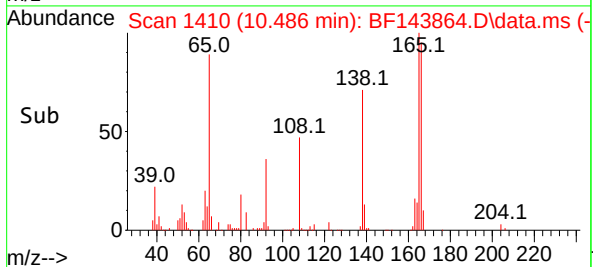
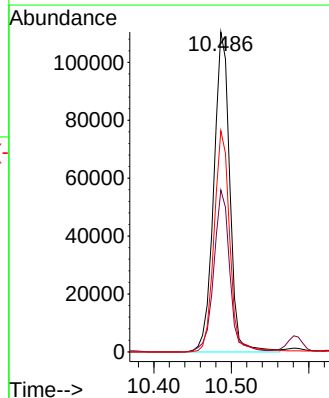
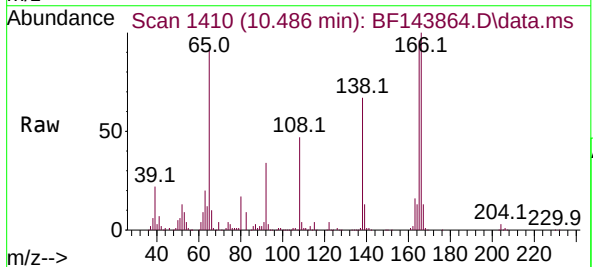
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

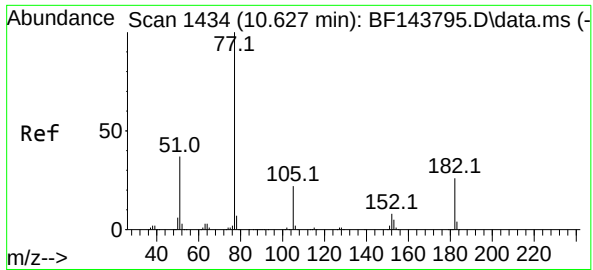
Tgt Ion:204 Resp: 330127
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 57.7 48.2 72.2



#62
4-Nitroaniline
Concen: 57.481 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:138 Resp: 158530
Ion Ratio Lower Upper
138 100
92 50.6 31.5 71.5
108 69.1 51.9 91.9

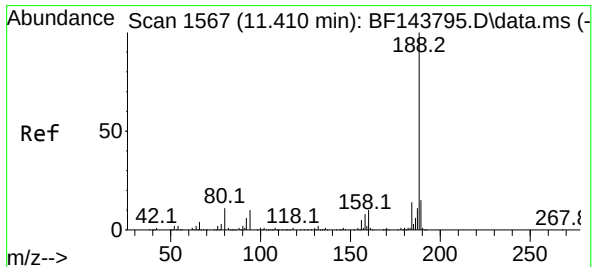
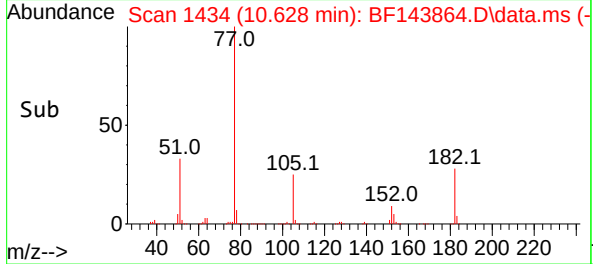
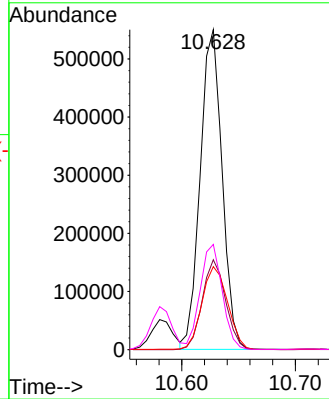
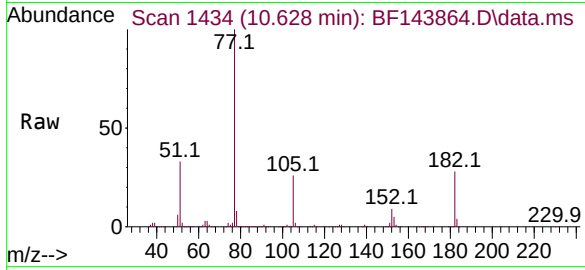




#63
Azobenzene
Concen: 50.750 ng
RT: 10.628 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

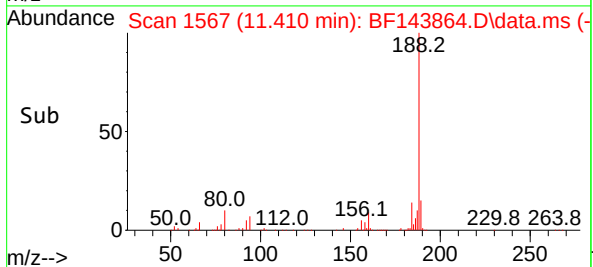
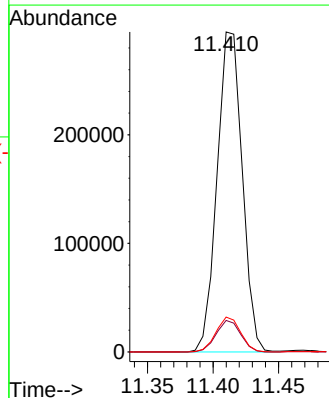
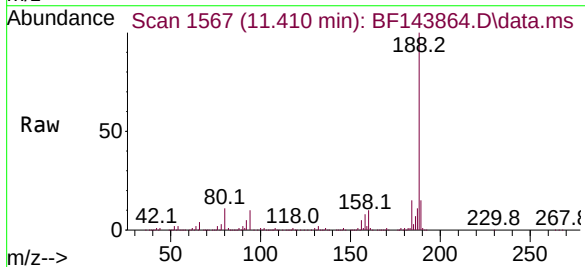
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

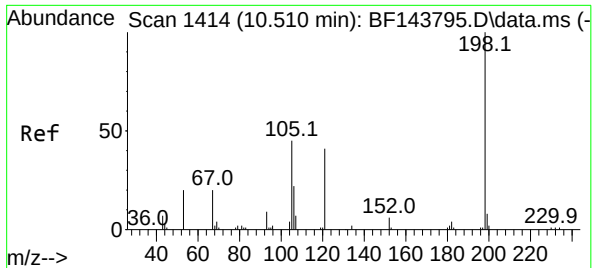
Tgt Ion: 77 Resp: 737403
Ion Ratio Lower Upper
77 100
182 28.1 5.9 45.9
105 26.0 2.3 42.3
51 32.9 17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion: 188 Resp: 394825
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.9 8.6 12.8

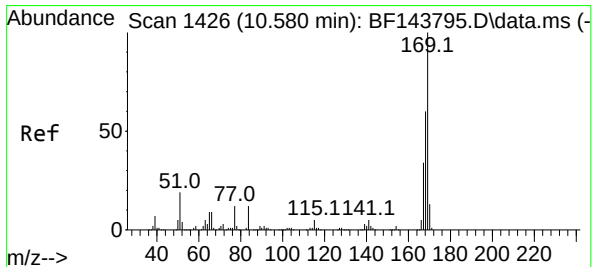
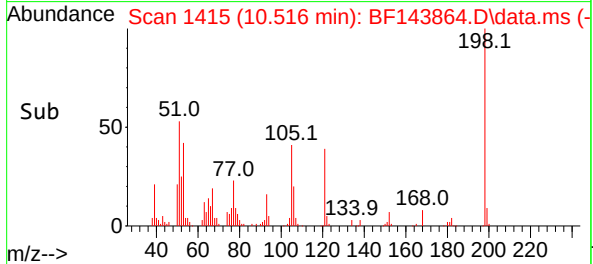
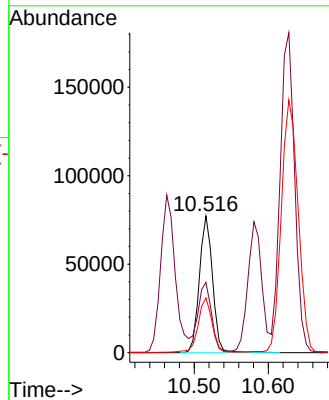
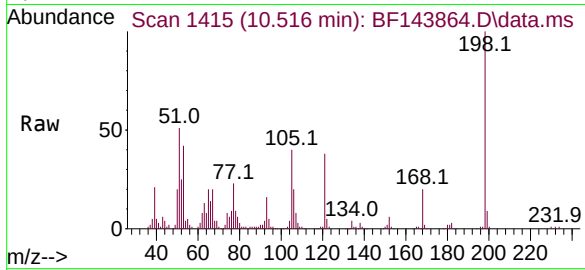




#65
4,6-Dinitro-2-methylphenol
Concen: 61.024 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

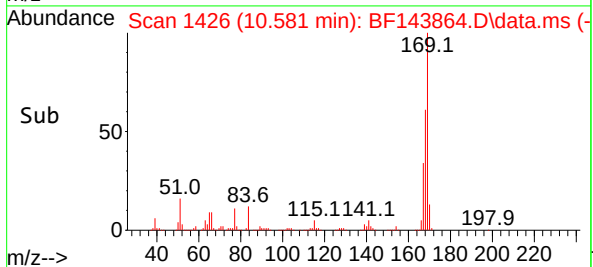
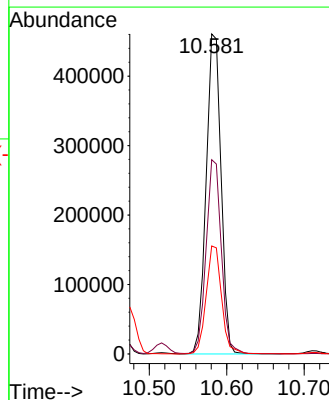
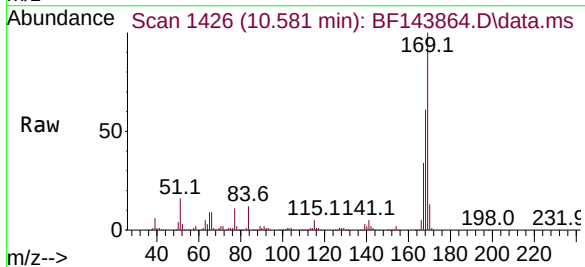
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

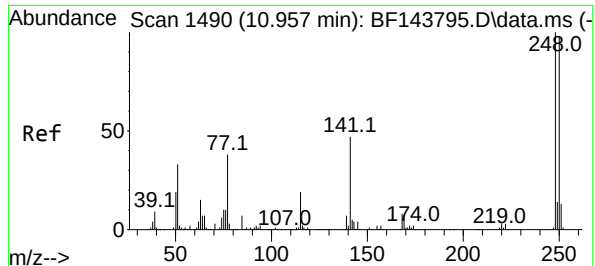
Tgt Ion:198 Resp: 95114
Ion Ratio Lower Upper
198 100
51 51.4 52.0 92.0#
105 40.1 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 47.258 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:169 Resp: 613626
Ion Ratio Lower Upper
169 100
168 60.7 47.9 71.9
167 33.7 27.0 40.6

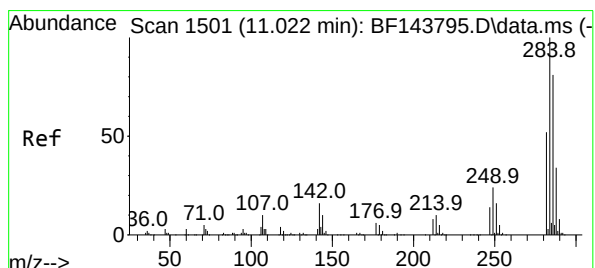
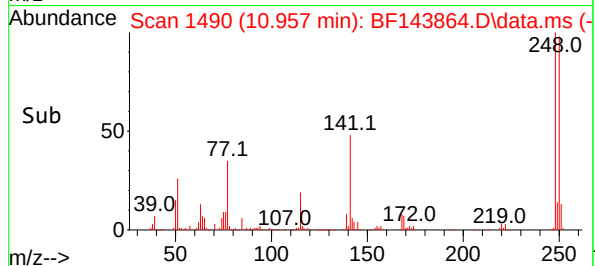
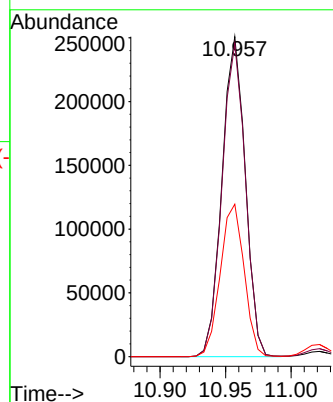
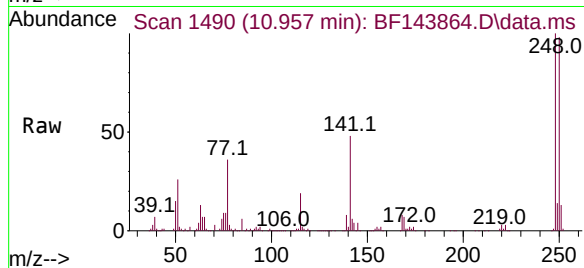




#67
4-Bromophenyl-phenylether
Concen: 46.102 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

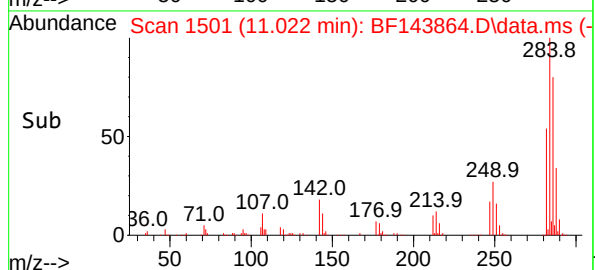
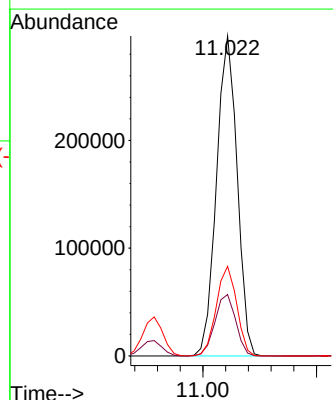
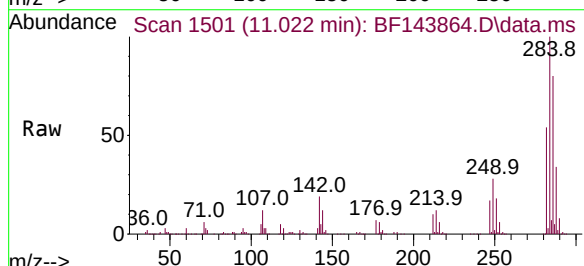
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

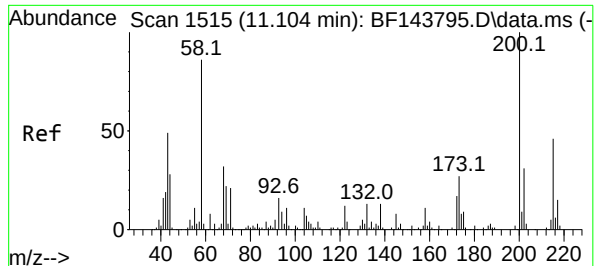
Tgt Ion:248 Resp: 310198
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 47.6 37.9 56.9



#68
Hexachlorobenzene
Concen: 40.413 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:284 Resp: 374735
Ion Ratio Lower Upper
284 100
142 19.2 13.1 19.7
249 28.0 19.5 29.3





#69

Atrazine

Concen: 52.574 ng

RT: 11.110 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

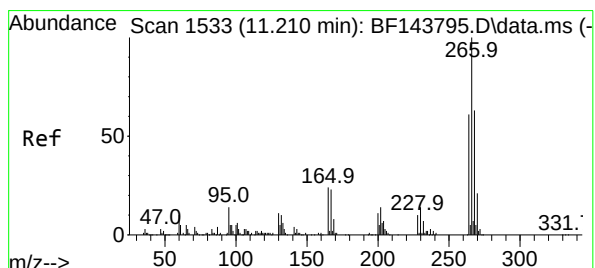
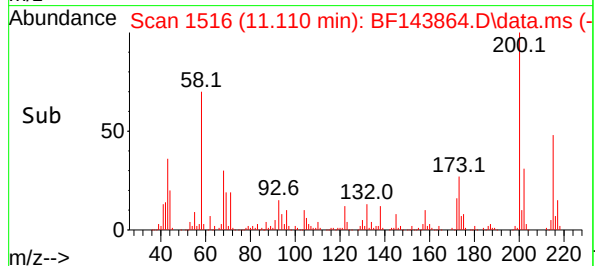
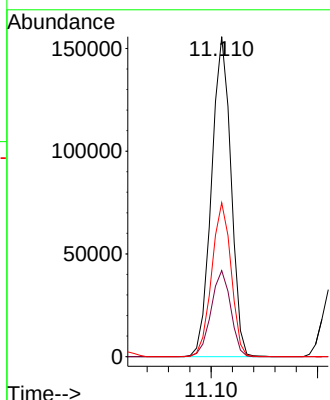
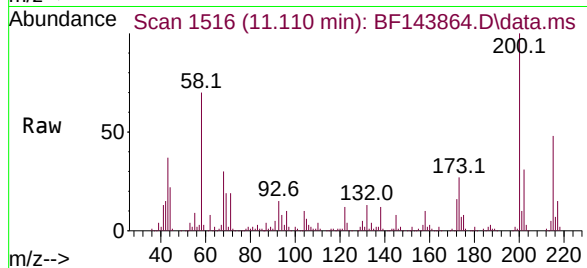
Tgt Ion:200 Resp: 197683

Ion Ratio Lower Upper

200 100

173 26.9 7.2 47.2

215 48.1 26.0 66.0



#70

Pentachlorophenol

Concen: 90.225 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

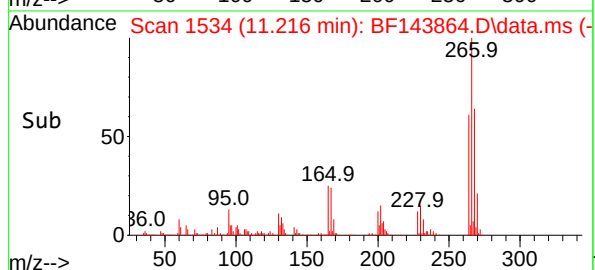
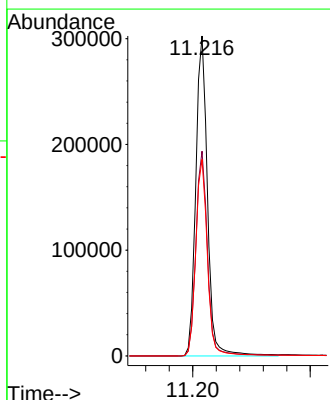
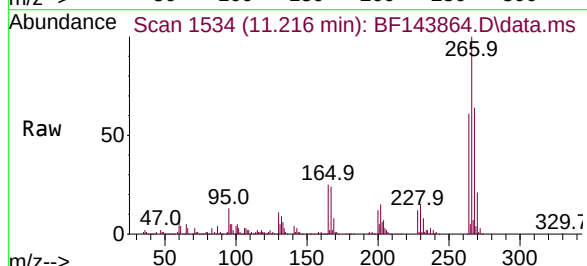
Tgt Ion:266 Resp: 416446

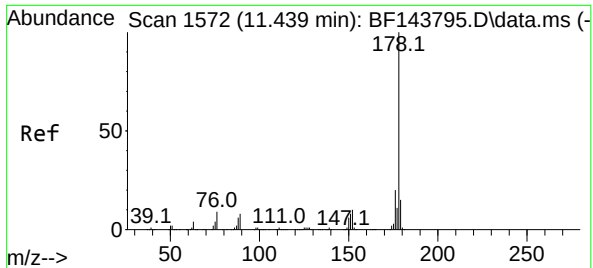
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 61.4 48.8 73.2

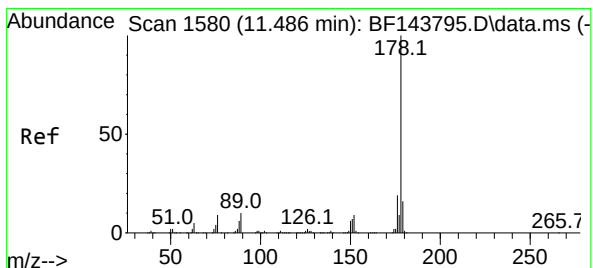
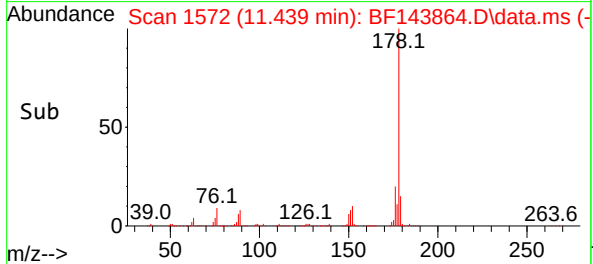
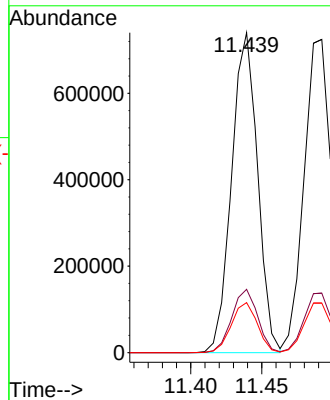
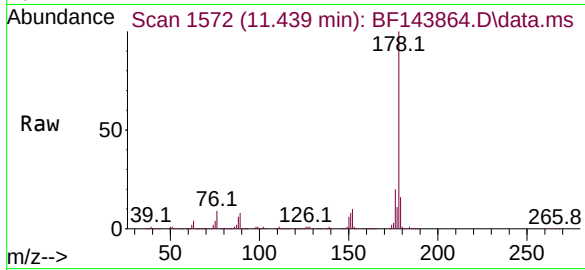




#71
Phenanthrene
Concen: 46.421 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

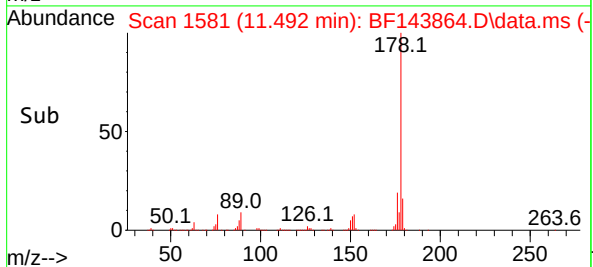
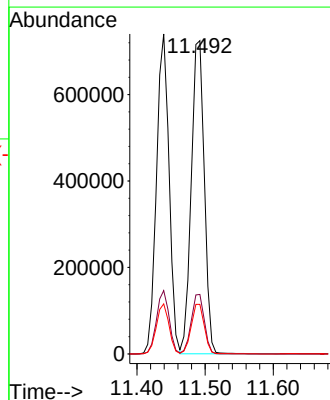
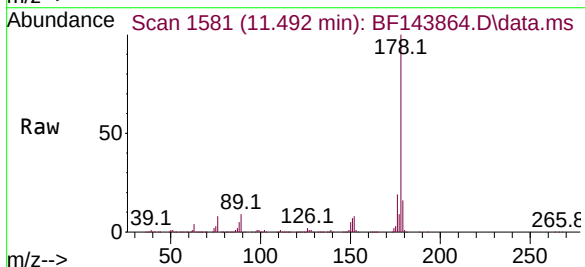
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

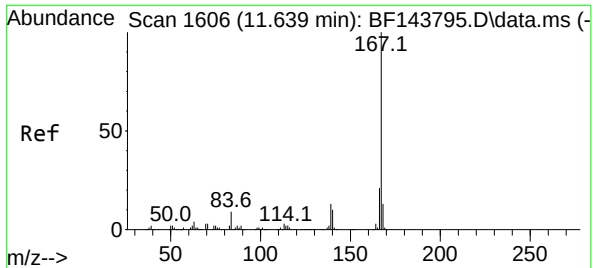
Tgt Ion:178 Resp: 940959
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.2 18.4



#72
Anthracene
Concen: 47.523 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:178 Resp: 966261
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.8 19.2

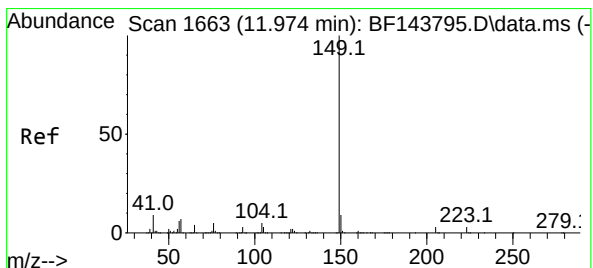
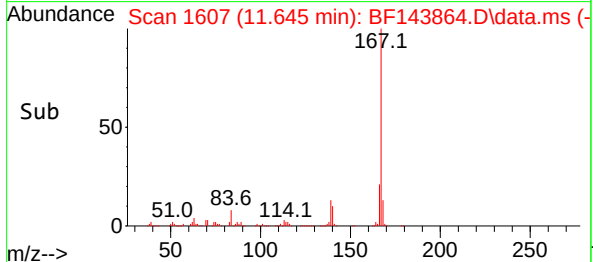
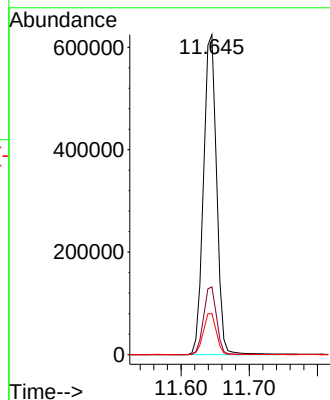
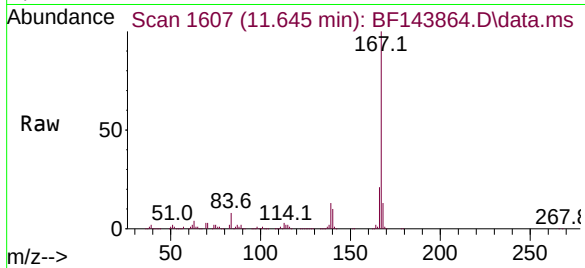




#73
Carbazole
Concen: 47.030 ng
RT: 11.645 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

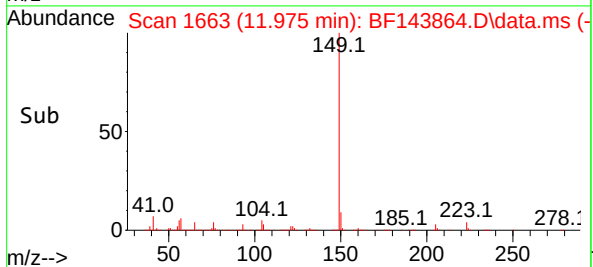
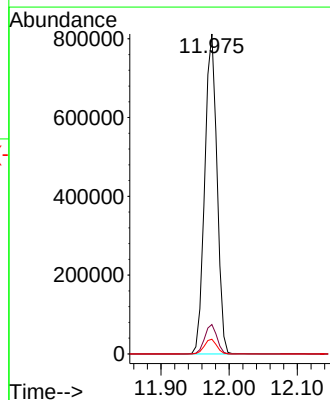
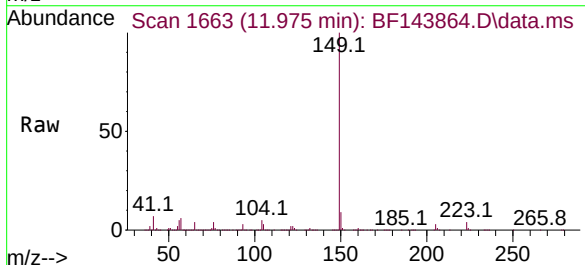
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

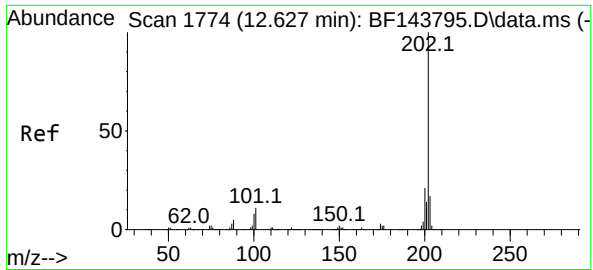
Tgt Ion:167 Resp: 836065
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.8 10.6 15.8



#74
Di-n-butylphthalate
Concen: 49.620 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:149 Resp: 1014489
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.6 5.4

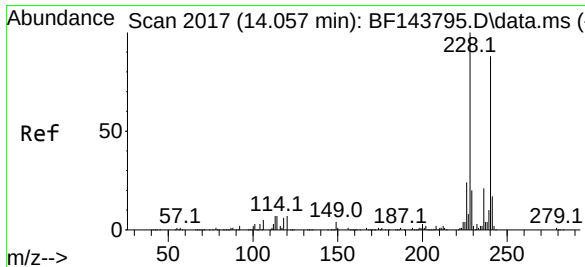
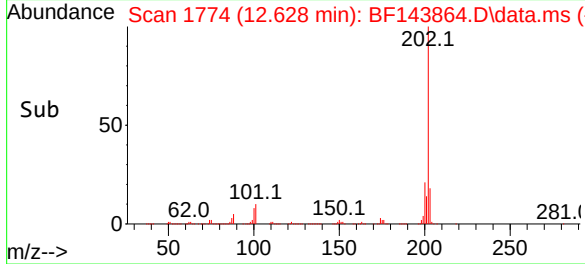
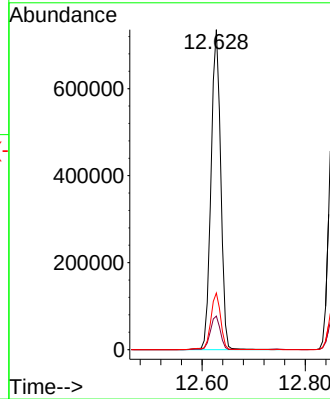
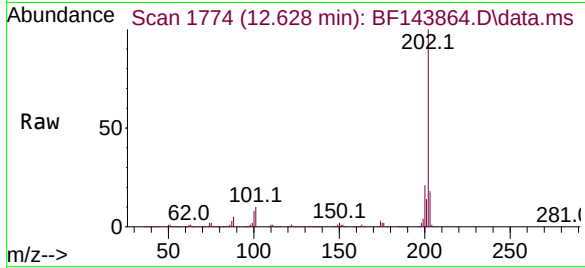




#75
Fluoranthene
Concen: 46.667 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

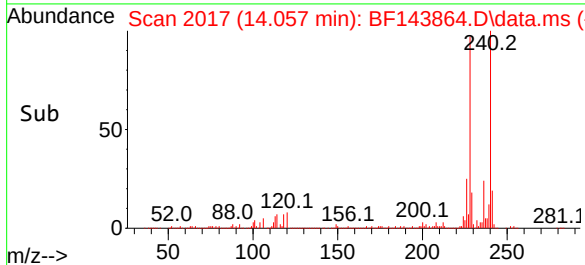
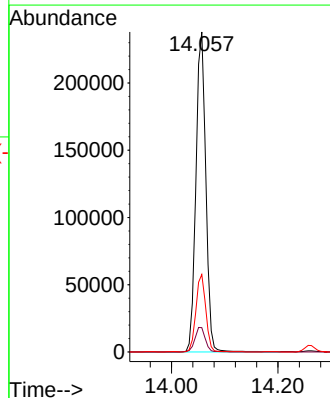
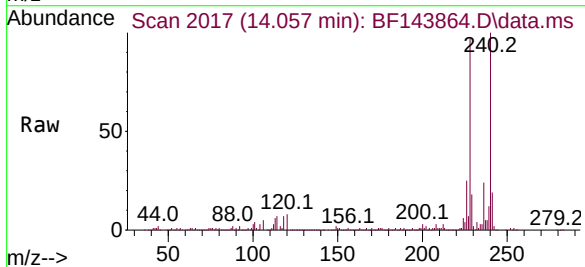
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

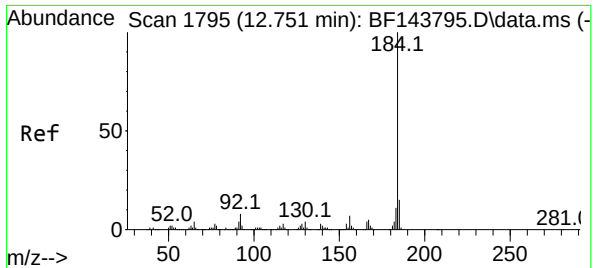
Tgt Ion:202 Resp: 951417
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:240 Resp: 306082
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 24.2 19.4 29.2

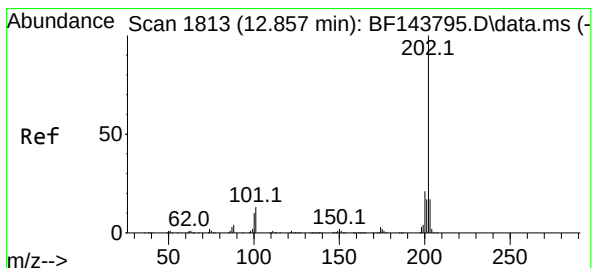
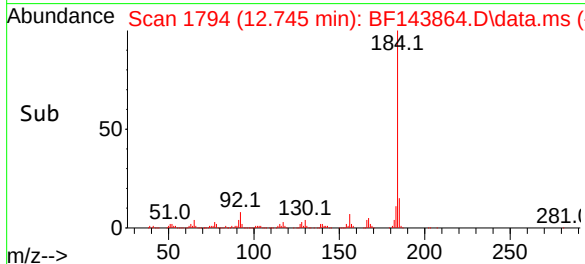
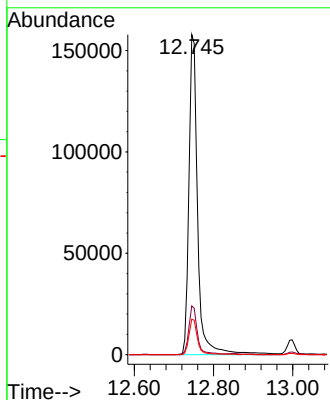
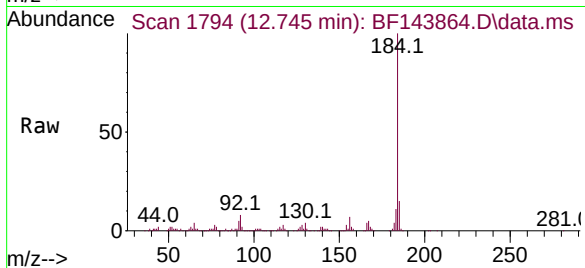




#77
Benzidine
Concen: 32.360 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

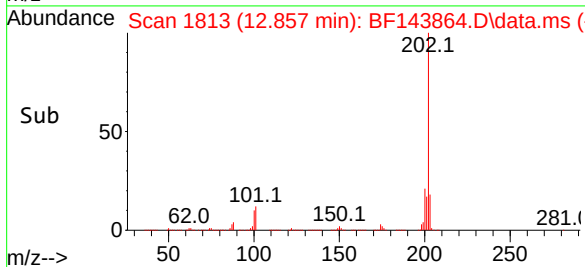
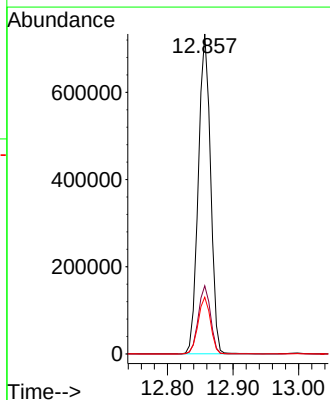
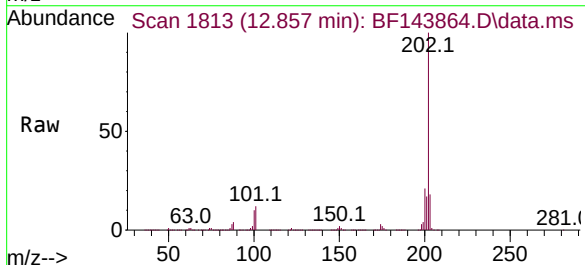
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

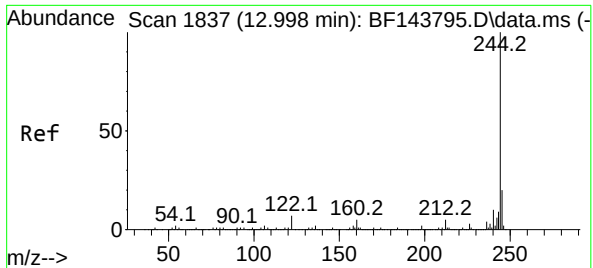
Tgt Ion:184 Resp: 241360
Ion Ratio Lower Upper
184 100
185 15.2 11.6 17.4
183 11.1 8.6 13.0



#78
Pyrene
Concen: 62.677 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:202 Resp: 943184
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.7 13.9 20.9

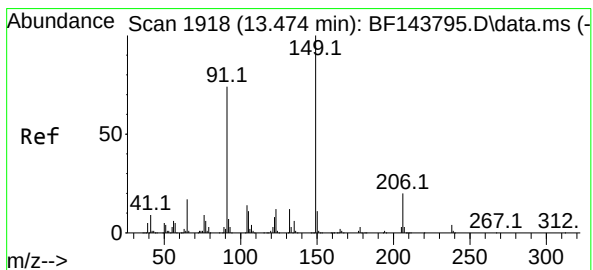
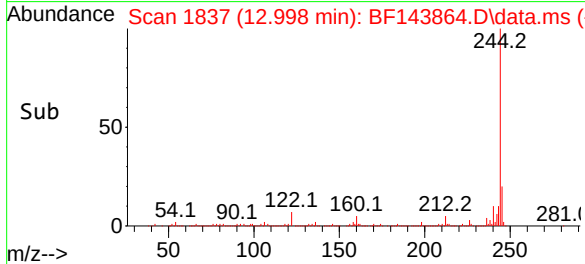
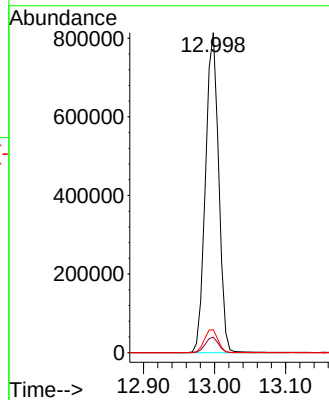
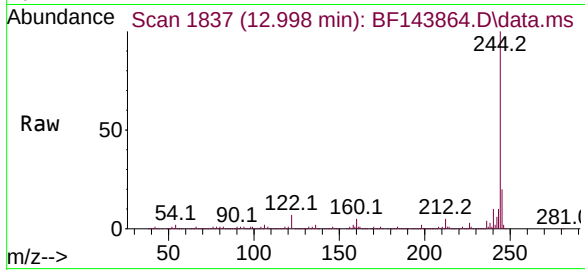




#79
Terphenyl-d14
Concen: 69.507 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

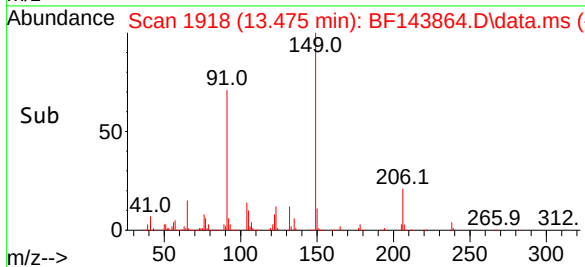
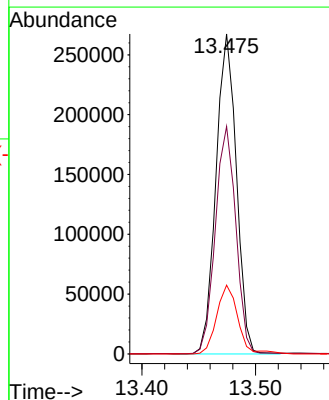
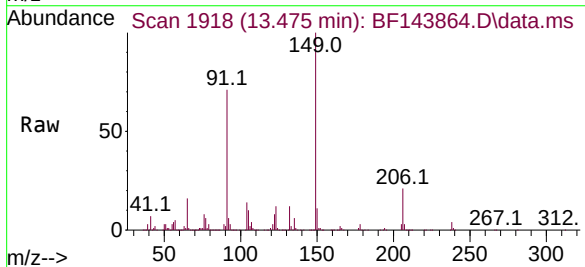
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

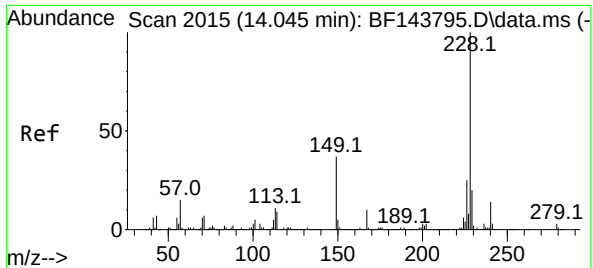
Tgt Ion:244 Resp: 1046086
Ion Ratio Lower Upper
244 100
212 4.8 3.9 5.9
122 7.1 5.6 8.4



#80
Butylbenzylphthalate
Concen: 64.200 ng
RT: 13.475 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:149 Resp: 334241
Ion Ratio Lower Upper
149 100
91 71.1 59.5 89.3
206 21.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 50.101 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

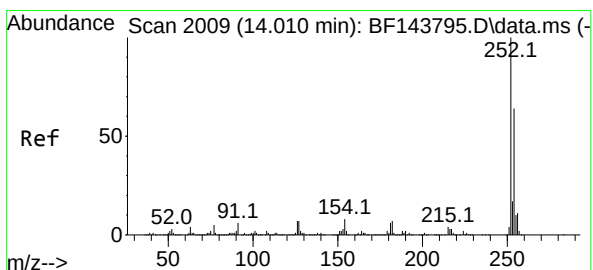
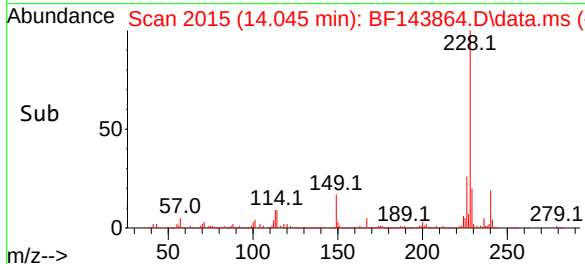
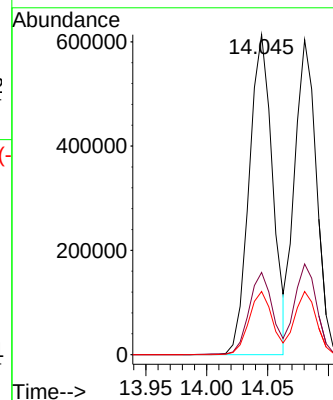
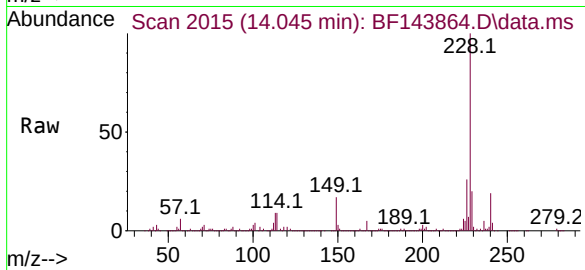
Tgt Ion:228 Resp: 823820

Ion Ratio Lower Upper

228 100

226 25.7 20.2 30.2

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 22.410 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

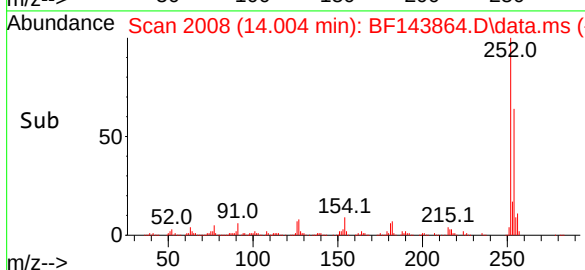
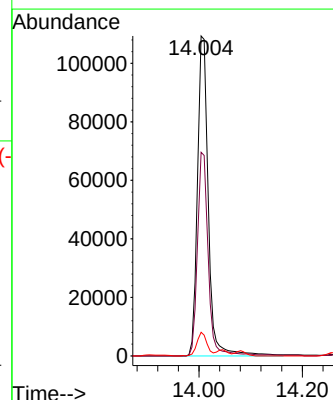
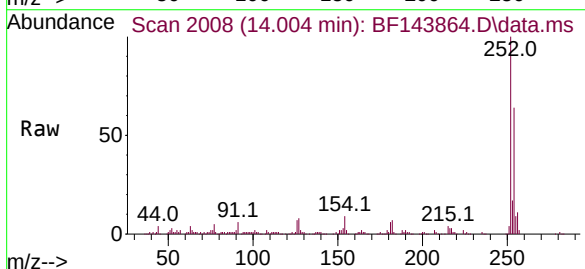
Tgt Ion:252 Resp: 159637

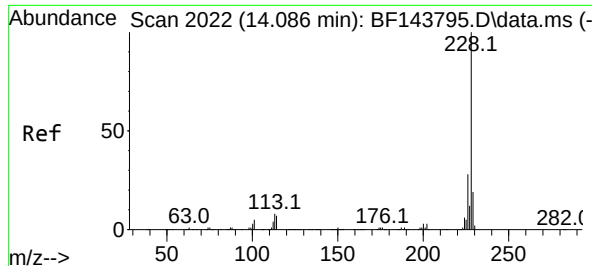
Ion Ratio Lower Upper

252 100

254 63.6 51.5 77.3

126 7.4 5.4 8.2

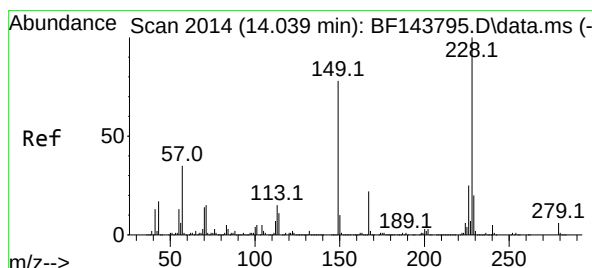
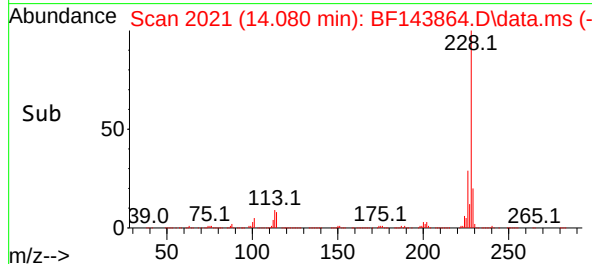
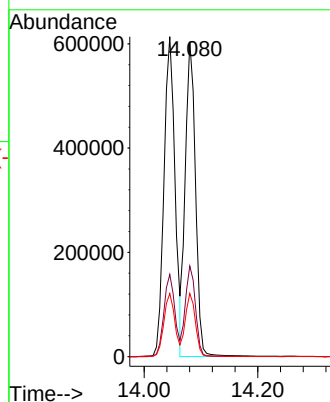
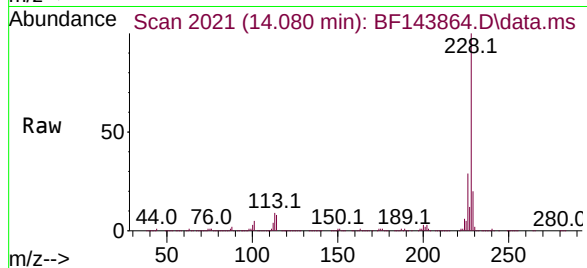




#83
Chrysene
Concen: 51.090 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

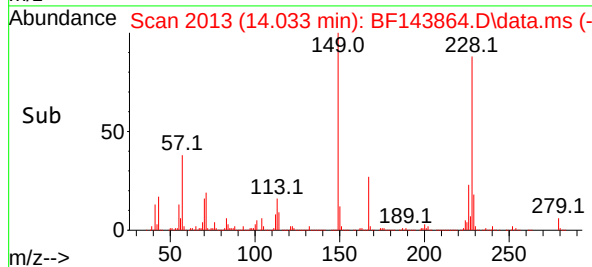
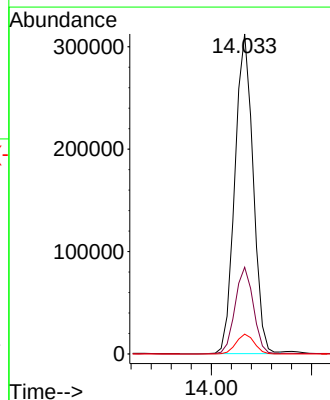
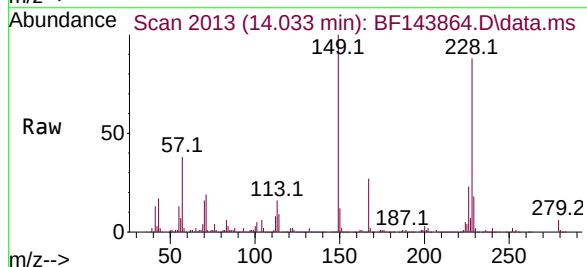
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

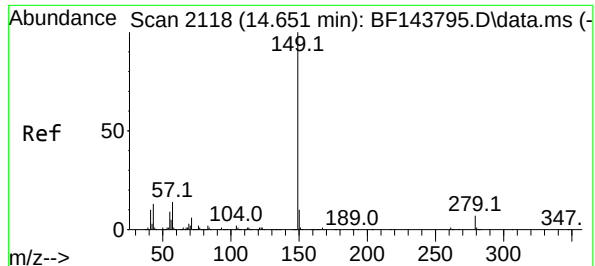
Tgt Ion:228 Resp: 760164
Ion Ratio Lower Upper
228 100
226 28.8 22.6 33.8
229 20.1 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 51.547 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:149 Resp: 393368
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.2
279 6.2 6.0 9.0





#85

Di-n-octyl phthalate

Concen: 48.645 ng

RT: 14.645 min Scan# 2118

Delta R.T. -0.012 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

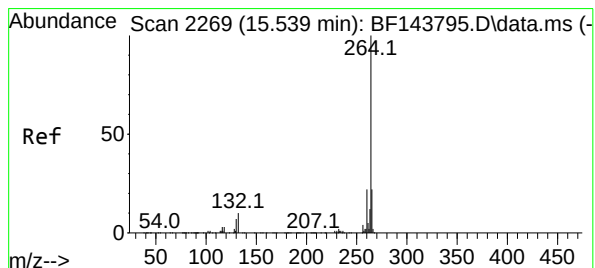
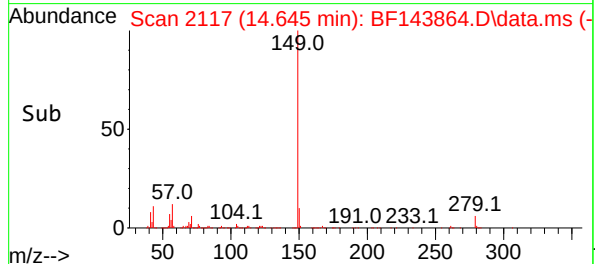
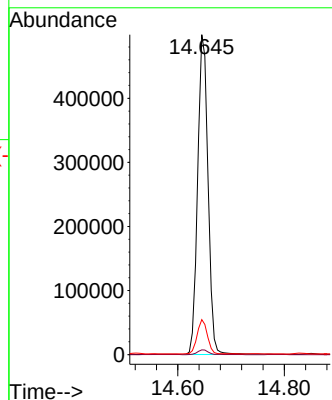
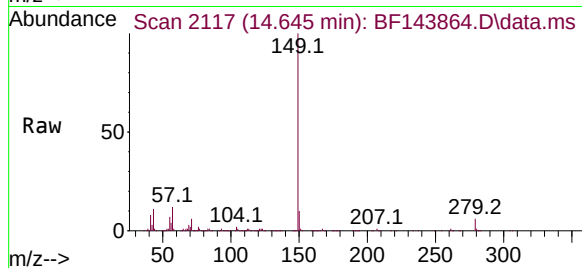
Tgt Ion:149 Resp: 673377

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.5 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

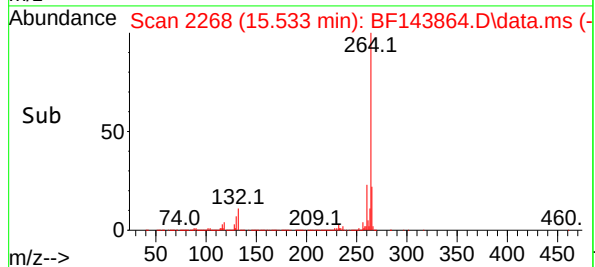
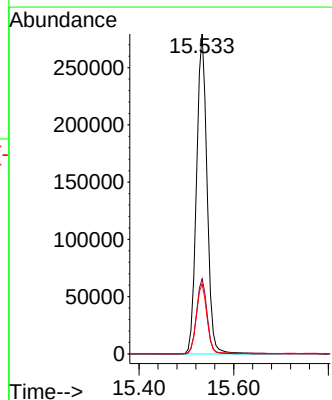
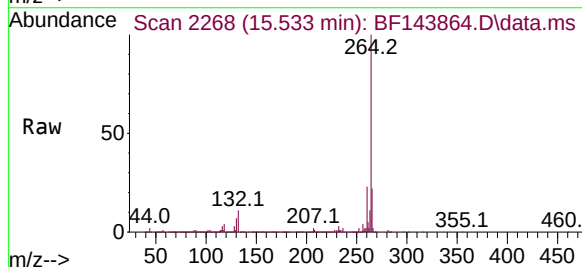
Tgt Ion:264 Resp: 431989

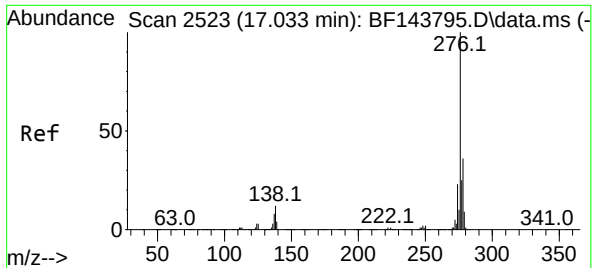
Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.351 ng

RT: 17.033 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

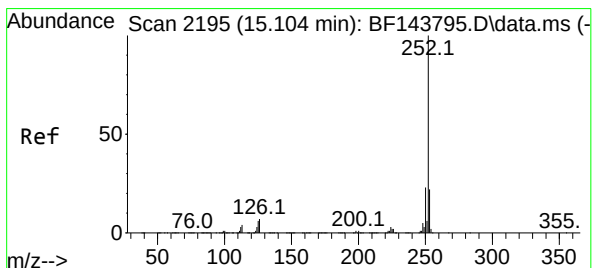
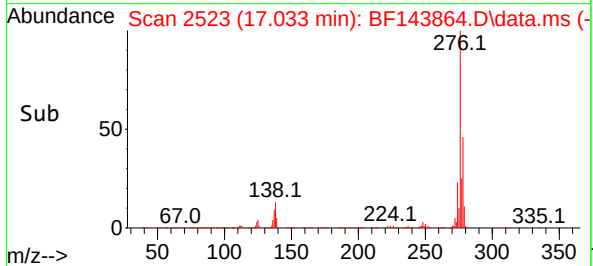
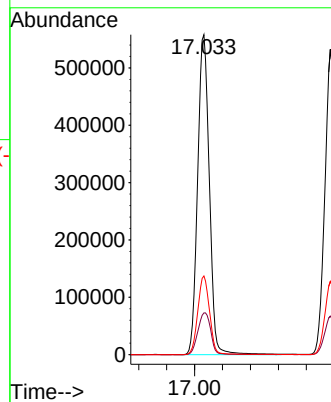
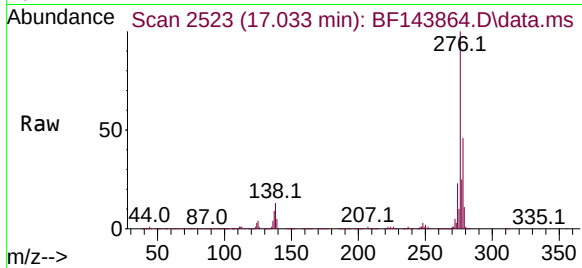
Tgt Ion:276 Resp: 1617559

Ion Ratio Lower Upper

276 100

138 14.4 10.6 15.8

277 24.7 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 52.411 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

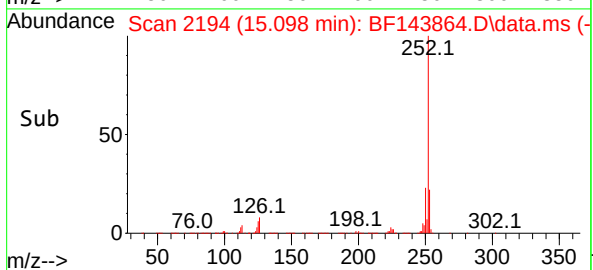
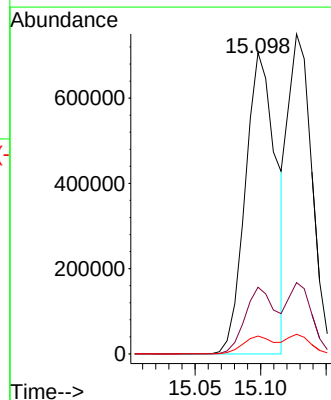
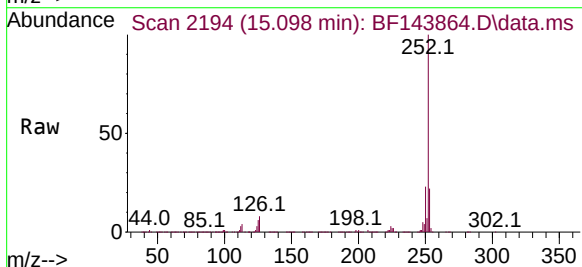
Tgt Ion:252 Resp: 1152982

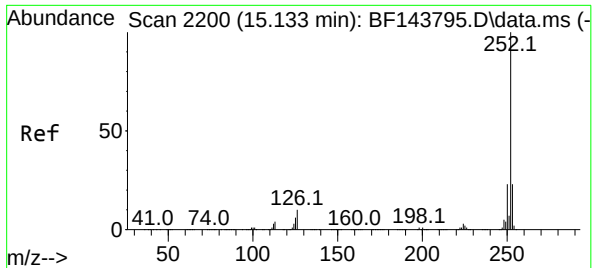
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 5.9 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 43.764 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMS

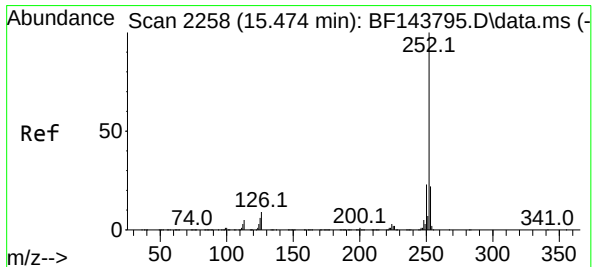
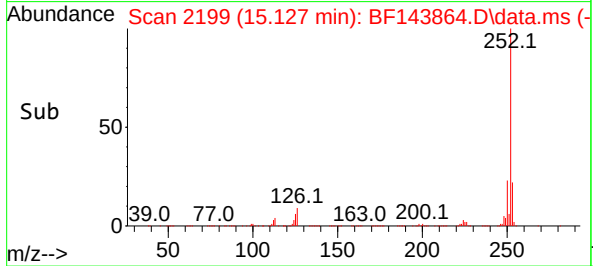
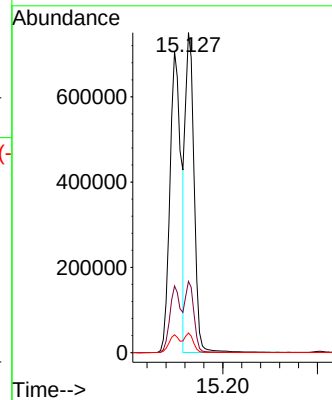
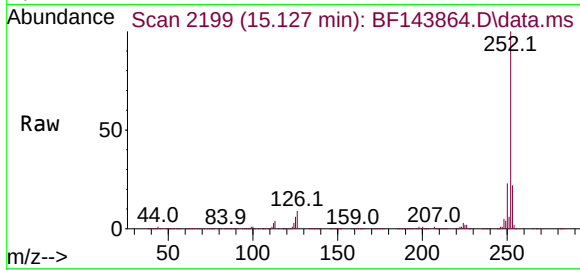
Tgt Ion:252 Resp: 967267

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 6.1 4.6 6.8



#90

Benzo(a)pyrene

Concen: 51.994 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.012 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

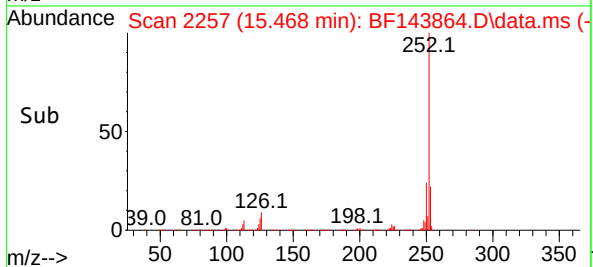
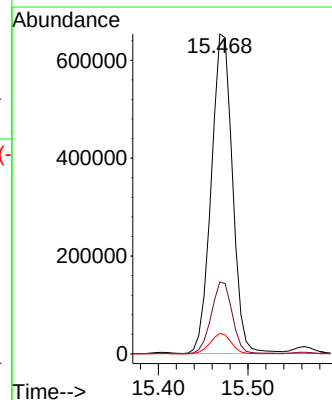
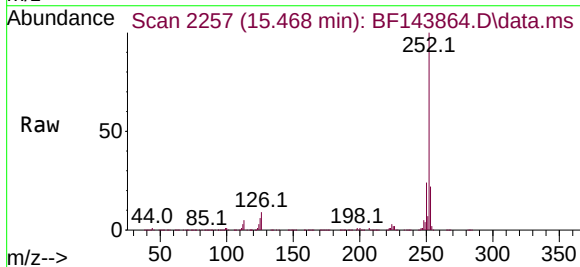
Tgt Ion:252 Resp: 1075170

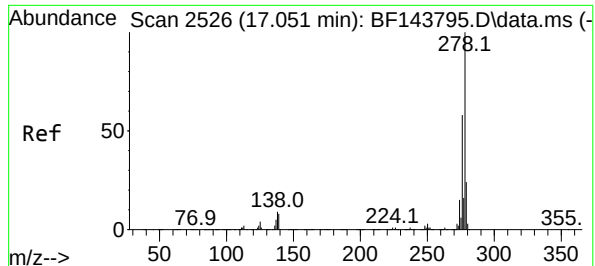
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 6.4 5.0 7.4

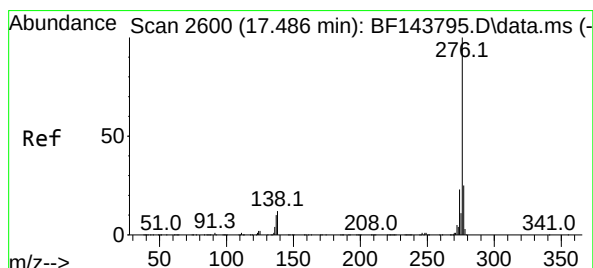
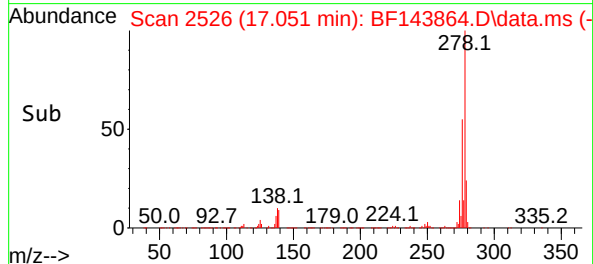
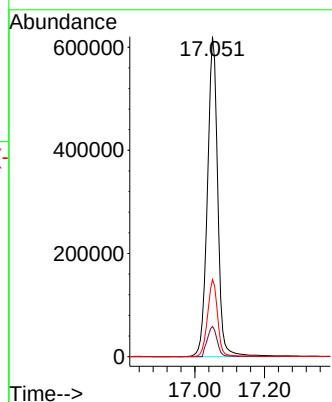
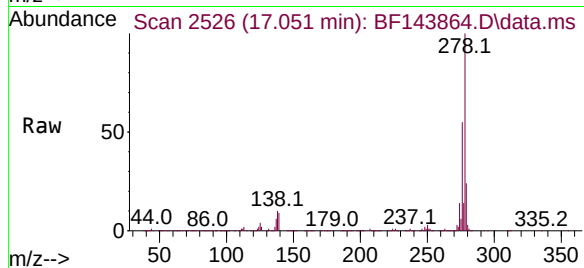




#91
Dibenzo(a,h)anthracene
Concen: 47.754 ng
RT: 17.051 min Scan# 2526
Delta R.T. -0.017 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

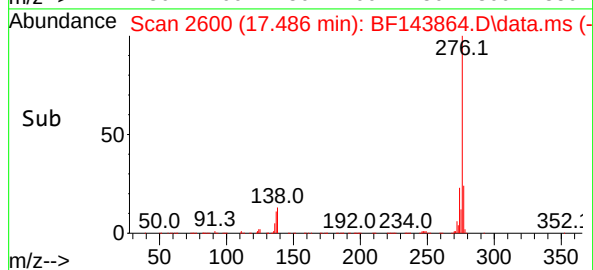
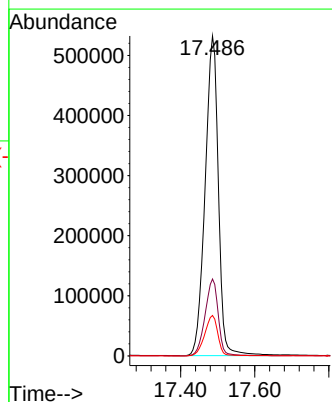
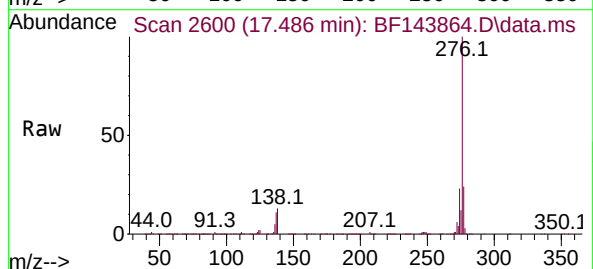
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMS

Tgt Ion:278 Resp: 1280220
Ion Ratio Lower Upper
278 100
139 9.4 6.7 10.1
279 24.1 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 51.078 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.017 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:276 Resp: 1319988
Ion Ratio Lower Upper
276 100
277 24.0 19.6 29.4
138 12.6 9.2 13.8



Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MS	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025935.D	1	10/06/25 09:15	10/06/25 23:10	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	710		100	220	ug/Kg
108-95-2	Phenol	970		14.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		16.2	110	ug/Kg
95-57-8	2-Chlorophenol	990		16.3	110	ug/Kg
95-48-7	2-Methylphenol	960		19.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820		25.0	110	ug/Kg
98-86-2	Acetophenone	1100		19.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	920		27.4	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	860		31.6	53.3	ug/Kg
67-72-1	Hexachloroethane	930		11.7	110	ug/Kg
98-95-3	Nitrobenzene	950		12.2	110	ug/Kg
78-59-1	Isophorone	910		21.9	110	ug/Kg
88-75-5	2-Nitrophenol	1000		38.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		43.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		20.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		18.9	110	ug/Kg
91-20-3	Naphthalene	960		15.1	110	ug/Kg
106-47-8	4-Chloroaniline	630		23.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		16.9	110	ug/Kg
105-60-2	Caprolactam	890		34.7	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	960		19.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	950		17.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		77.3	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		13.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		19.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		14.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.0	110	ug/Kg
88-74-4	2-Nitroaniline	960		32.1	110	ug/Kg
131-11-3	Dimethylphthalate	950		18.1	110	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MS	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025935.D	1	10/06/25 09:15	10/06/25 23:10	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1000		19.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	990		22.4	110	ug/Kg
99-09-2	3-Nitroaniline	720		30.7	110	ug/Kg
83-32-9	Acenaphthene	970		14.2	110	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		150	220	ug/Kg
100-02-7	4-Nitrophenol	1500		71.3	220	ug/Kg
132-64-9	Dibenzofuran	960		15.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		33.4	110	ug/Kg
84-66-2	Diethylphthalate	960		18.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		17.8	110	ug/Kg
86-73-7	Fluorene	980		16.9	110	ug/Kg
100-01-6	4-Nitroaniline	890		42.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		68.7	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		21.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		18.5	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		16.9	110	ug/Kg
1912-24-9	Atrazine	1000		22.7	110	ug/Kg
87-86-5	Pentachlorophenol	2100	E	34.2	220	ug/Kg
85-01-8	Phenanthrene	960		13.9	110	ug/Kg
120-12-7	Anthracene	980		22.2	110	ug/Kg
86-74-8	Carbazole	990		20.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	990		31.9	110	ug/Kg
206-44-0	Fluoranthene	1000		20.0	110	ug/Kg
129-00-0	Pyrene	990		24.0	110	ug/Kg
85-68-7	Butylbenzylphthalate	990		47.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	770		24.5	220	ug/Kg
56-55-3	Benzo(a)anthracene	990		15.3	110	ug/Kg
218-01-9	Chrysene	990		13.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		39.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		57.9	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12.7	110	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MS	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025935.D	1	10/06/25 09:15	10/06/25 23:10	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1000		14.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		19.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		18.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		17.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		17.1	110	ug/Kg
123-91-1	1,4-Dioxane	810		30.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		18.3	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.0		18 - 112	46%	SPK: 150
13127-88-3	Phenol-d6	68.5		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	37.8		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.5		20 - 109	35%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.8		10 - 116	43%	SPK: 150
1718-51-0	Terphenyl-d14	40.8		10 - 105	41%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	161000	7.737			
1146-65-2	Naphthalene-d8	617000	10.501			
15067-26-2	Acenaphthene-d10	391000	14.342			
1517-22-2	Phenanthrene-d10	787000	17.142			
1719-03-5	Chrysene-d12	846000	21.577			
1520-96-3	Perylene-d12	951000	24.918			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025935.D
 Acq On : 06 Oct 2025 23:10
 Operator : CG/JU
 Sample : Q3289-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966MS

Quant Time: Oct 07 02:10:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	161138	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	617249	20.000	ng	-0.02
39) Acenaphthene-d10	14.342	164	391056	20.000	ng	-0.04
64) Phenanthrene-d10	17.142	188	786547	20.000	ng	-0.04
76) Chrysene-d12	21.577	240	846364	20.000	ng	-0.06
86) Perylene-d12	24.918	264	950988	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	689266	69.019	ng	0.00
7) Phenol-d6	6.943	99	909235	68.498	ng	0.00
23) Nitrobenzene-d5	8.878	82	529430	37.835	ng	-0.02
42) 2,4,6-Tribromophenol	15.866	330	316137	64.813	ng	-0.04
45) 2-Fluorobiphenyl	12.954	172	1042058	35.481	ng	-0.04
79) Terphenyl-d14	19.854	244	1919534	40.801	ng	-0.06
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	152498	36.383	ng	96
3) Pyridine	3.702	79	425705	36.885	ng	94
4) n-Nitrosodimethylamine	3.608	42	204375	37.528	ng	92
6) Aniline	7.078	93	563080	30.902	ng	99
8) 2-Chlorophenol	7.319	128	489633	44.692	ng	99
9) Benzaldehyde	6.896	77	252658	31.756	ng	97
10) Phenol	6.966	94	609726	43.562	ng	98
11) bis(2-Chloroethyl)ether	7.166	93	475080	42.247	ng	95
12) 1,3-Dichlorobenzene	7.625	146	532946	42.742	ng	97
13) 1,4-Dichlorobenzene	7.766	146	542735	42.731	ng	99
14) 1,2-Dichlorobenzene	8.084	146	516108	41.828	ng	100
15) Benzyl Alcohol	7.978	79	452923	41.293	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.255	45	675634	36.740	ng	97
17) 2-Methylphenol	8.190	107	406520	43.079	ng	99
18) Hexachloroethane	8.796	117	202901	41.823	ng	98
19) n-Nitroso-di-n-propyla...	8.531	70	359388	38.818	ng	95
20) 3+4-Methylphenols	8.519	107	548979	41.540	ng	98
22) Acetophenone	8.549	105	792448	48.041	ng	# 99
24) Nitrobenzene	8.925	77	536275	42.720	ng	97
25) Isophorone	9.449	82	1005363	40.876	ng	99
26) 2-Nitrophenol	9.631	139	262254	47.054	ng	93
27) 2,4-Dimethylphenol	9.696	122	441669	45.171	ng	98
28) bis(2-Chloroethoxy)met...	9.913	93	604575	42.524	ng	99
29) 2,4-Dichlorophenol	10.184	162	453294	46.497	ng	98
30) 1,2,4-Trichlorobenzene	10.366	180	495995	45.144	ng	100
31) Naphthalene	10.549	128	1432115	43.029	ng	100
32) Benzoic acid	9.896	122	353486	48.626	ng	97
33) 4-Chloroaniline	10.672	127	394719	28.454	ng	97
34) Hexachlorobutadiene	10.825	225	324582	45.892	ng	98
35) Caprolactam	11.478	113	151103	40.208	ng	91
36) 4-Chloro-3-methylphenol	11.813	107	501660	43.162	ng	96
37) 2-Methylnaphthalene	12.160	142	914345	42.773	ng	99
38) 1-Methylnaphthalene	12.378	142	951494	41.740	ng	99
40) 1,2,4,5-Tetrachloroben...	12.531	216	620603	52.371	ng	99
41) Hexachlorocyclopentadiene	12.501	237	473063	73.298	ng	98
43) 2,4,6-Trichlorophenol	12.784	196	371562	47.696	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025935.D
 Acq On : 06 Oct 2025 23:10
 Operator : CG/JU
 Sample : Q3289-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966MS

Quant Time: Oct 07 02:10:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

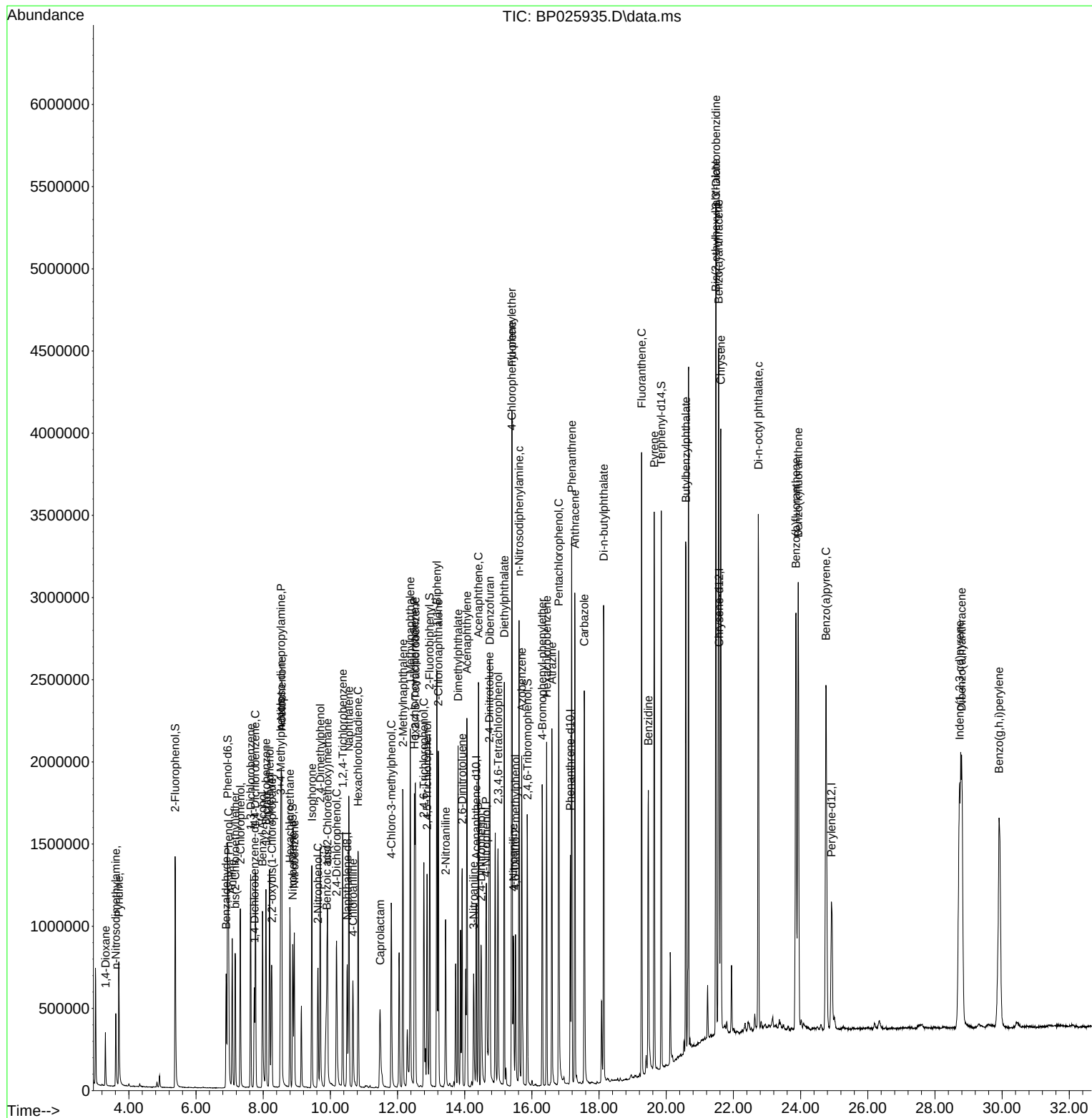
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	399539	46.083	ng	97
46) 1,1'-Biphenyl	13.172	154	1438993	50.133	ng	99
47) 2-Chloronaphthalene	13.213	162	1025863	45.390	ng	99
48) 2-Nitroaniline	13.431	65	326293	43.309	ng	95
49) Acenaphthylene	14.066	152	1692703	45.202	ng	100
50) Dimethylphthalate	13.801	163	1282748	42.965	ng	100
51) 2,6-Dinitrotoluene	13.925	165	282660	44.686	ng	94
52) Acenaphthene	14.407	154	938250	43.446	ng	100
53) 3-Nitroaniline	14.266	138	214260	32.211	ng	100
54) 2,4-Dinitrophenol	14.490	184	313082	76.360	ng	97
55) Dibenzofuran	14.748	168	1523653	43.289	ng	100
56) 4-Nitrophenol	14.631	139	395605	69.675	ng	96
57) 2,4-Dinitrotoluene	14.731	165	404772	44.965	ng	94
58) Fluorene	15.407	166	1236135	44.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.989	232	357493	45.773	ng	97
60) Diethylphthalate	15.178	149	1301605	42.979	ng	99
61) 4-Chlorophenyl-phenyle...	15.401	204	632602	44.849	ng	98
62) 4-Nitroaniline	15.448	138	273159	40.085	ng	96
63) Azobenzene	15.695	77	1315884	44.937	ng	98
65) 4,6-Dinitro-2-methylph...	15.513	198	238603	45.615	ng	89
66) n-Nitrosodiphenylamine	15.619	169	1092191	45.375	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	402236	46.550	ng	99
68) Hexachlorobenzene	16.436	284	457405	47.468	ng	92
69) Atrazine	16.595	200	422884	45.962	ng	96
70) Pentachlorophenol	16.801	266	591433	92.996	ng	99
71) Phenanthrene	17.183	178	1934871	43.366	ng	100
72) Anthracene	17.278	178	2003014	44.246	ng	99
73) Carbazole	17.560	167	1877411	44.607	ng	100
74) Di-n-butylphthalate	18.136	149	2309436	44.714	ng	100
75) Fluoranthene	19.266	202	2423361	45.287	ng	99
77) Benzidine	19.466	184	1409932	57.832	ng	99
78) Pyrene	19.642	202	2518707	44.600	ng	99
80) Butylbenzylphthalate	20.583	149	1103274	44.556	ng	96
81) Benzo(a)anthracene	21.560	228	2593230	44.755	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	695064	34.692	ng	99
83) Chrysene	21.624	228	2461133	44.558	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1600232	44.172	ng	100
85) Di-n-octyl phthalate	22.742	149	2911110	45.175	ng	97
87) Indeno(1,2,3-cd)pyrene	28.736	276	3246353	46.941	ng	# 78
88) Benzo(b)fluoranthene	23.860	252	2673203	45.967	ng	99
89) Benzo(k)fluoranthene	23.930	252	2689926	45.328	ng	99
90) Benzo(a)pyrene	24.754	252	2574389	45.204	ng	99
91) Dibenzo(a,h)anthracene	28.795	278	2656174	46.934	ng	99
92) Benzo(g,h,i)perylene	29.906	276	2622677	47.123	ng	99

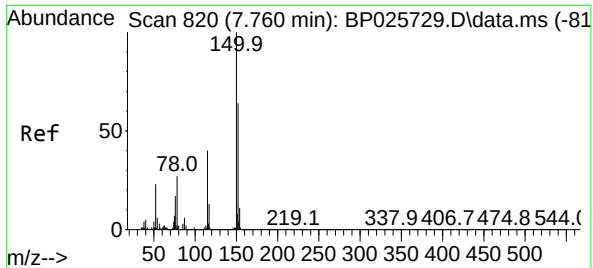
(#) = qualifier out of range (m) = manual integration (+) = signals summed


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Acq On    : 06 Oct 2025  23:10  
Operator  : CG/JU  
Sample    : Q3289-05MS  
Misc      :  
ALS Vial  : 13    Sample Multiplier: 1
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Instrument :
BNA_P
ClientSampleId :
72-11966MS

Quant Time: Oct 07 02:10:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

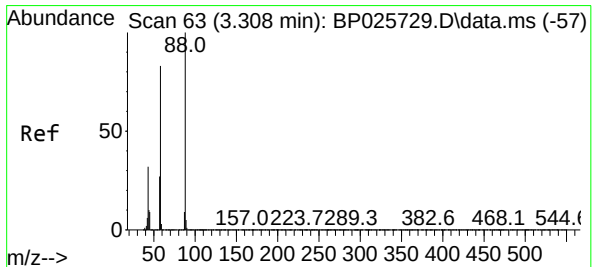
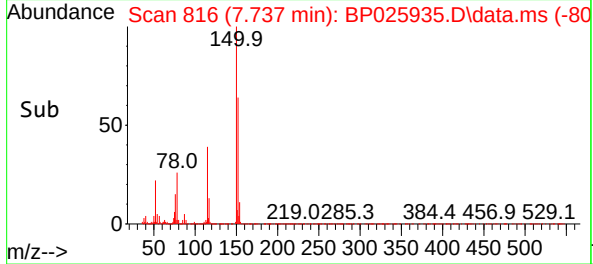
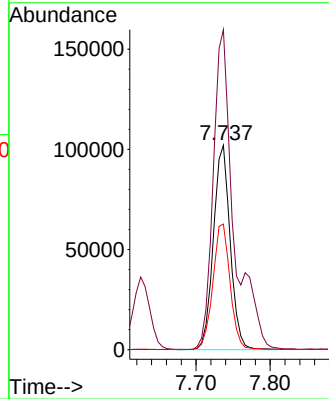
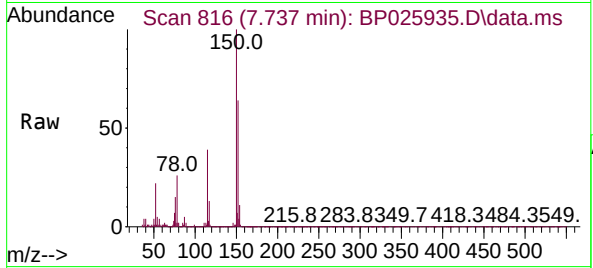




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

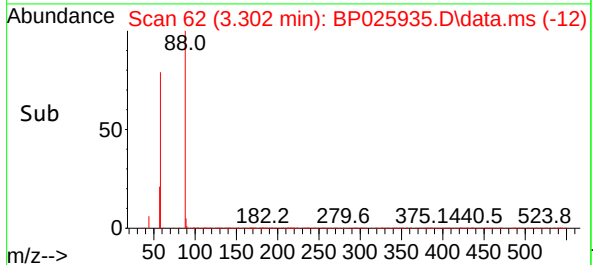
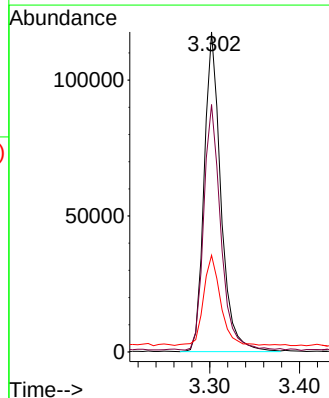
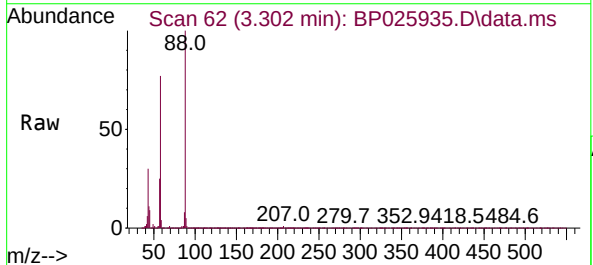
Instrument :
BNA_P
ClientSampleId :
72-11966MS

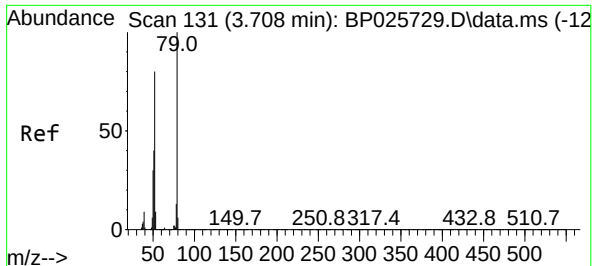
Tgt Ion:152 Resp: 161138
Ion Ratio Lower Upper
152 100
150 156.6 124.3 186.5
115 61.5 50.3 75.5



#2
1,4-Dioxane
Concen: 36.383 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 88 Resp: 152498
Ion Ratio Lower Upper
88 100
58 79.0 65.5 98.3
43 28.7 25.2 37.8

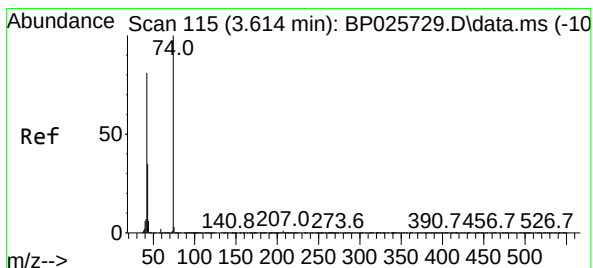
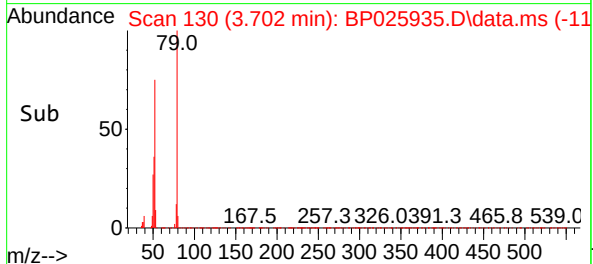
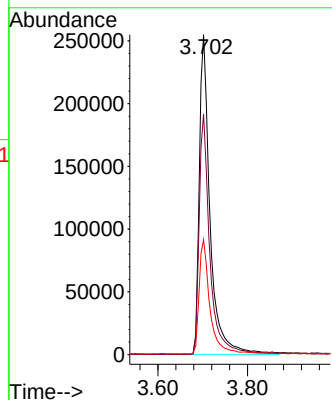
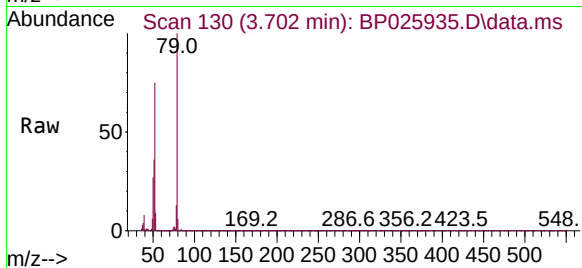




#3
Pyridine
Concen: 36.885 ng
RT: 3.702 min Scan# 113
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

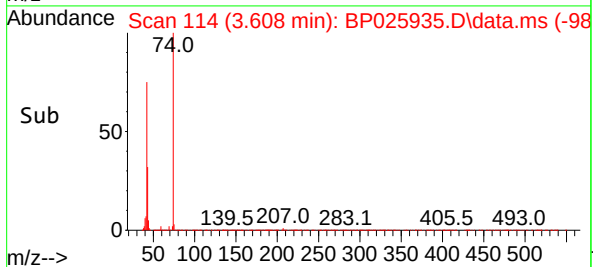
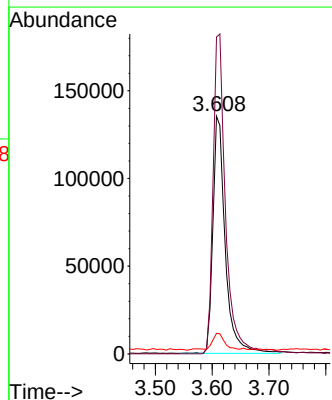
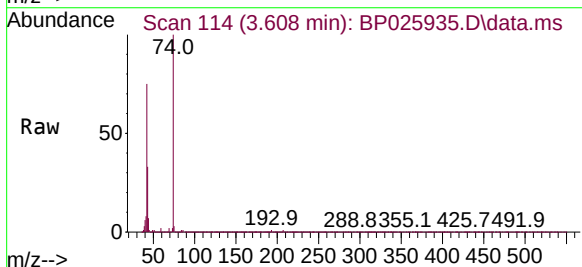
Instrument :
BNA_P
ClientSampleId :
72-11966MS

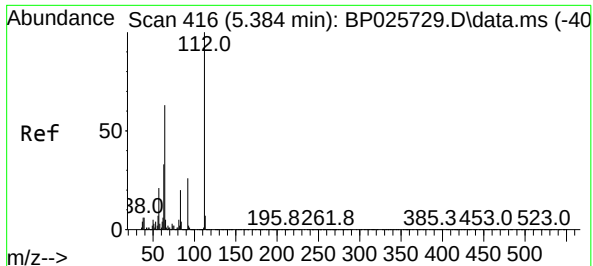
Tgt Ion: 79 Resp: 425705
Ion Ratio Lower Upper
79 100
52 75.2 63.7 95.5
51 35.9 32.4 48.6



#4
n-Nitrosodimethylamine
Concen: 37.528 ng
RT: 3.608 min Scan# 114
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 42 Resp: 204375
Ion Ratio Lower Upper
42 100
74 133.3 99.2 148.8
44 8.7 6.4 9.6

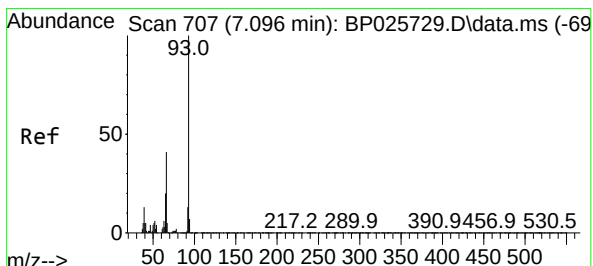
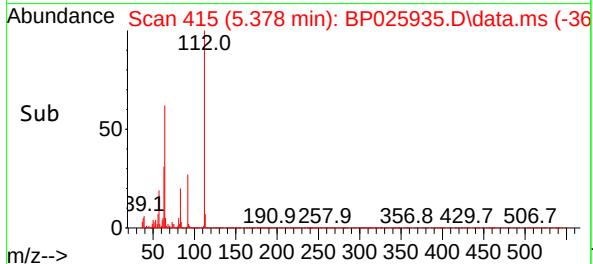
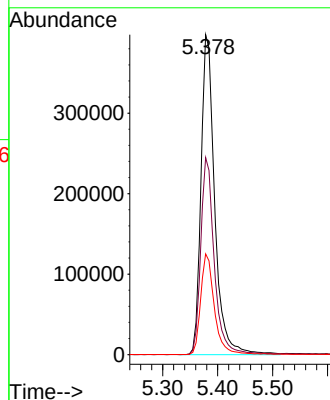
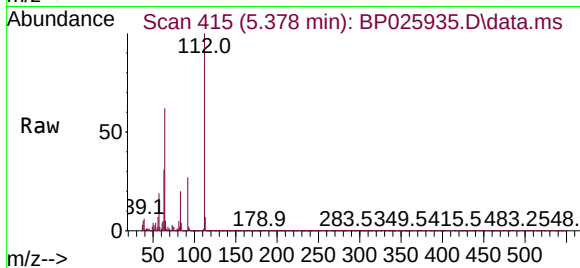




#5
2-Fluorophenol
Concen: 69.019 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

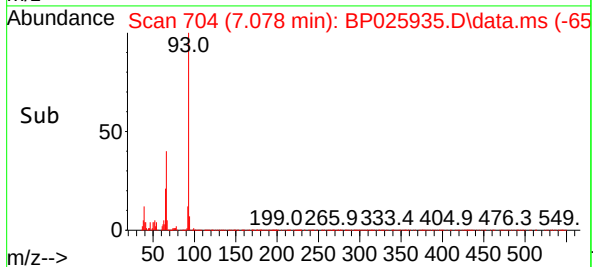
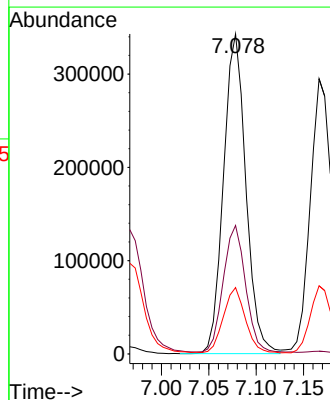
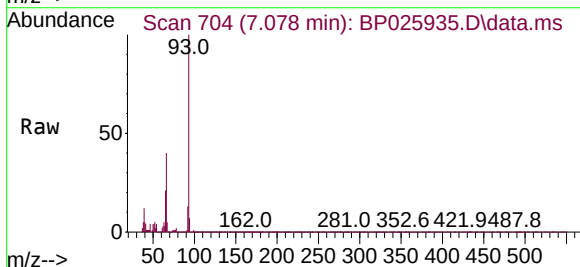
Instrument :
BNA_P
ClientSampleId :
72-11966MS

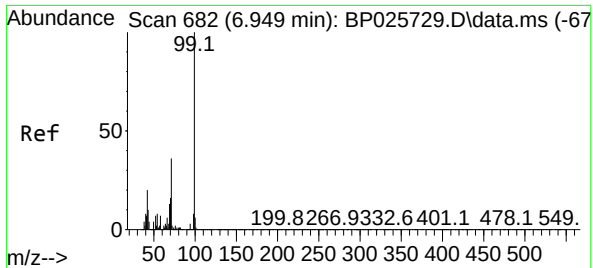
Tgt Ion:112 Resp: 689266
Ion Ratio Lower Upper
112 100
64 61.6 50.2 75.4
63 31.5 26.7 40.1



#6
Aniline
Concen: 30.902 ng
RT: 7.078 min Scan# 704
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 93 Resp: 563080
Ion Ratio Lower Upper
93 100
66 40.1 32.6 49.0
65 20.7 16.2 24.2

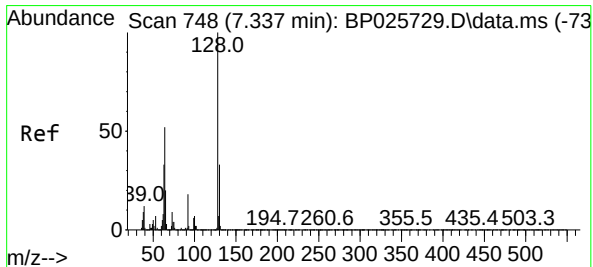
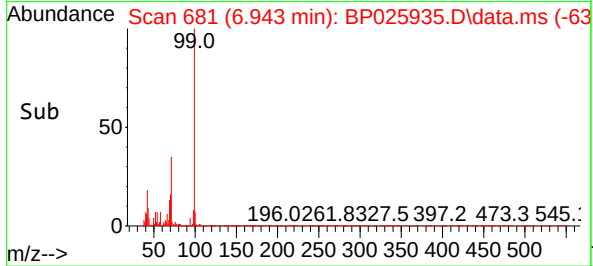
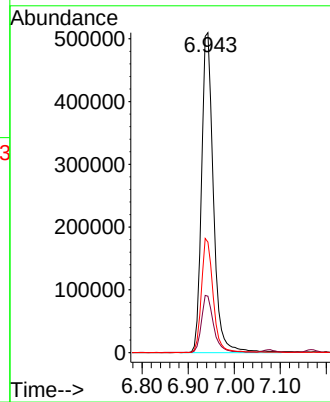
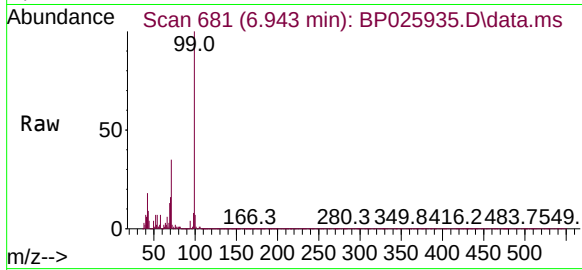




#7
Phenol-d6
Concen: 68.498 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

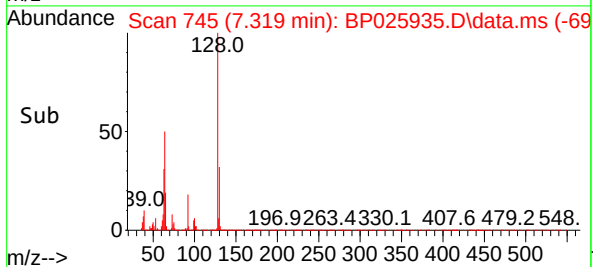
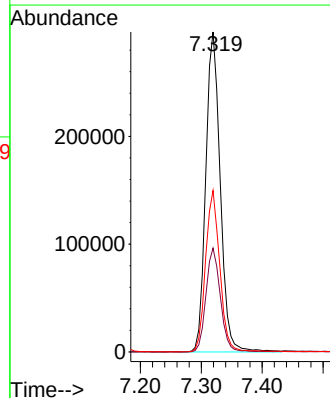
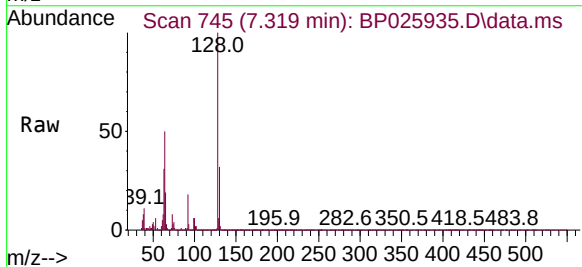
Instrument :
BNA_P
ClientSampleId :
72-11966MS

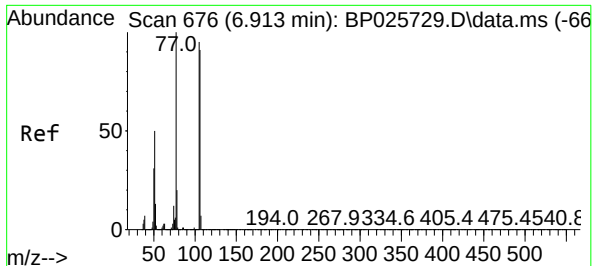
Tgt Ion: 99 Resp: 909235
Ion Ratio Lower Upper
99 100
42 17.6 15.6 23.4
71 34.5 28.6 43.0



#8
2-Chlorophenol
Concen: 44.692 ng
RT: 7.319 min Scan# 745
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 128 Resp: 489633
Ion Ratio Lower Upper
128 100
130 32.4 12.6 52.6
64 50.5 31.6 71.6

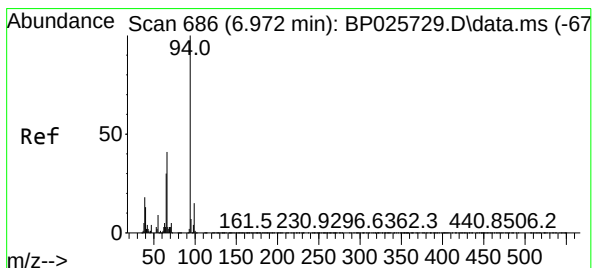
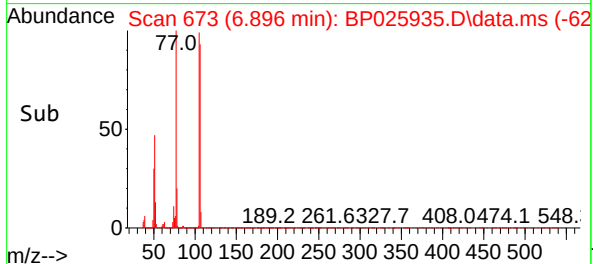
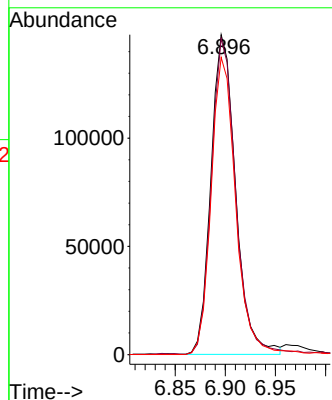
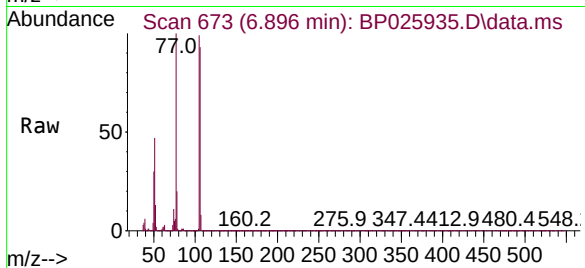




#9
Benzaldehyde
Concen: 31.756 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

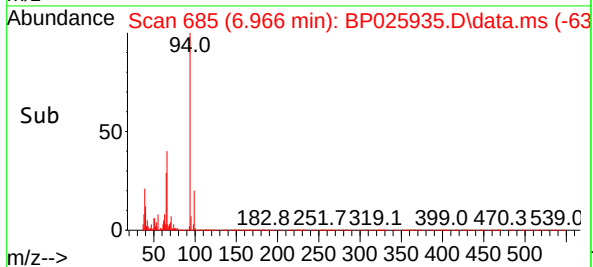
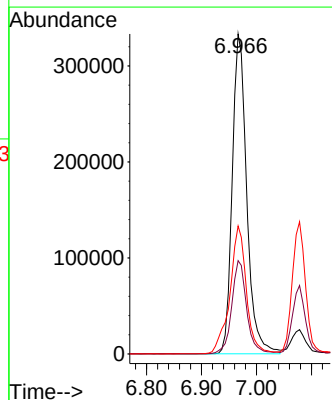
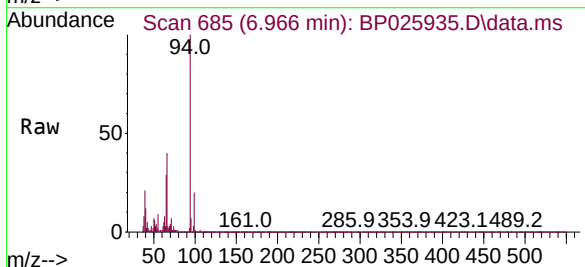
Instrument :
BNA_P
ClientSampleId :
72-11966MS

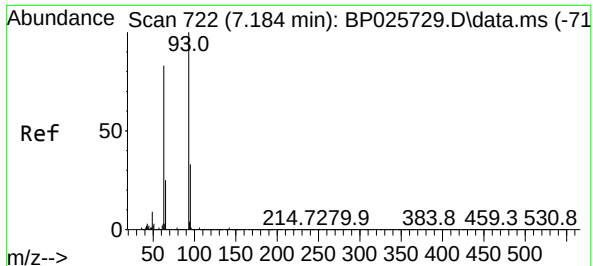
Tgt Ion: 77 Resp: 252658
Ion Ratio Lower Upper
77 100
105 98.8 75.2 115.2
106 92.9 71.3 111.3



#10
Phenol
Concen: 43.562 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 94 Resp: 609726
Ion Ratio Lower Upper
94 100
65 29.1 10.2 50.2
66 40.0 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 42.247 ng

RT: 7.166 min Scan# 71

Delta R.T. -0.018 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

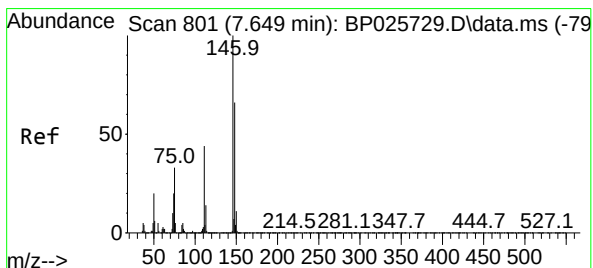
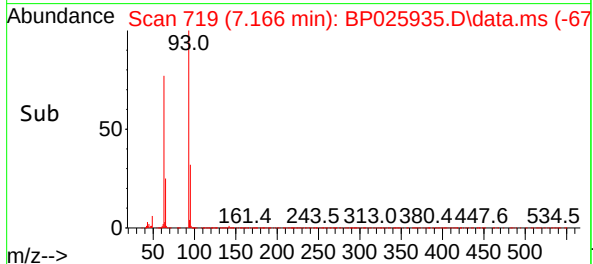
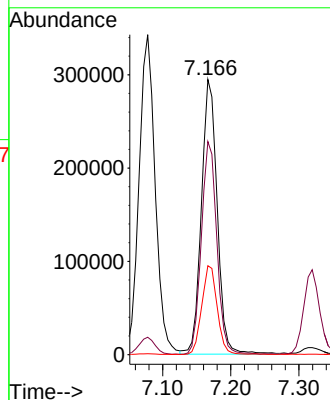
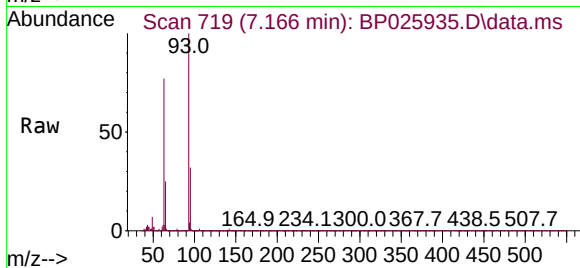
Tgt Ion: 93 Resp: 475080

Ion Ratio Lower Upper

93 100

63 77.4 62.6 102.6

95 32.3 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 42.742 ng

RT: 7.625 min Scan# 797

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

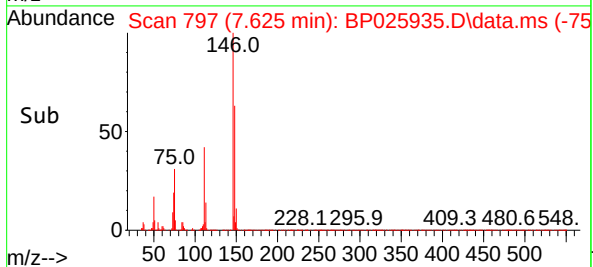
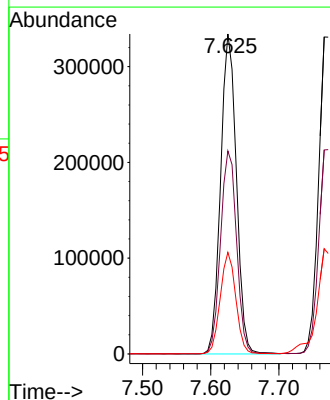
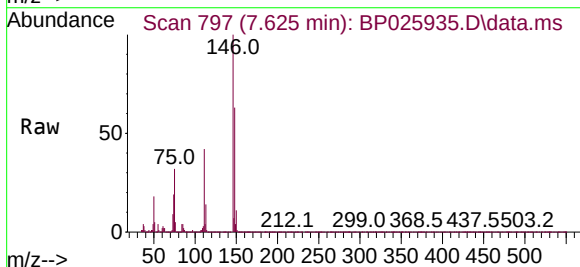
Tgt Ion:146 Resp: 532946

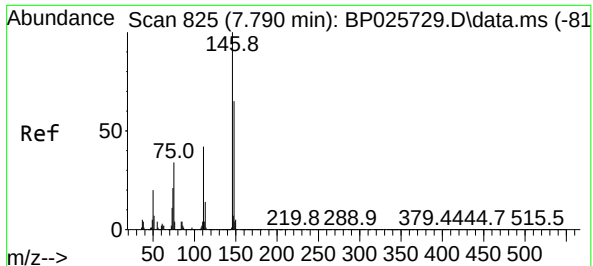
Ion Ratio Lower Upper

146 100

148 63.4 52.7 79.1

75 31.7 26.4 39.6





#13

1,4-Dichlorobenzene

Concen: 42.731 ng

RT: 7.766 min Scan# 81

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

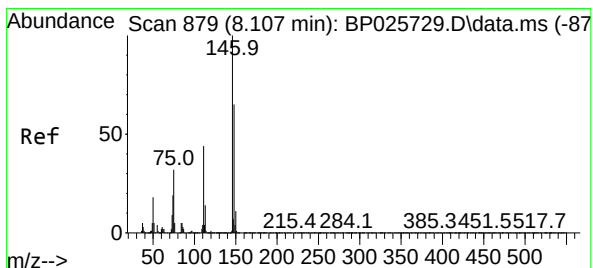
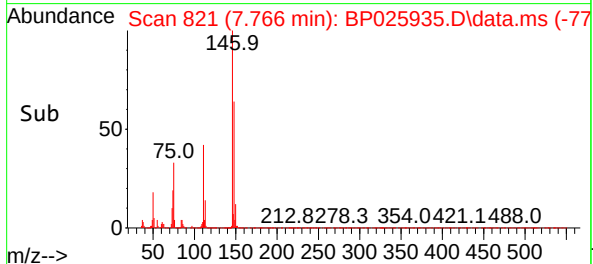
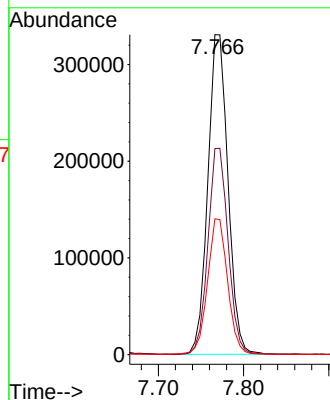
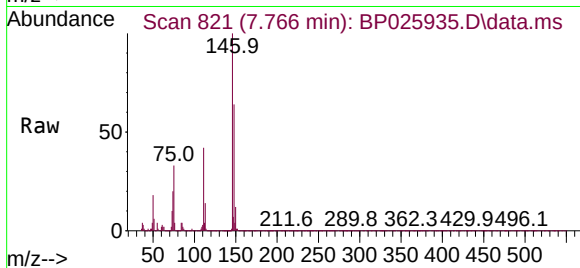
Tgt Ion:146 Resp: 542735

Ion Ratio Lower Upper

146 100

148 64.4 52.0 78.0

111 42.4 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 41.828 ng

RT: 8.084 min Scan# 875

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

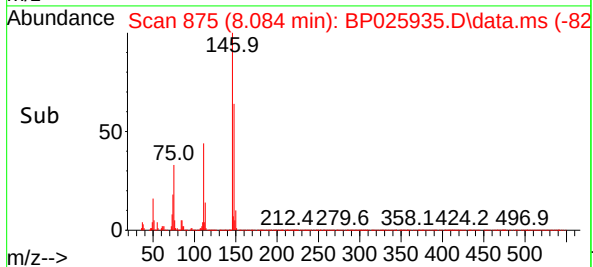
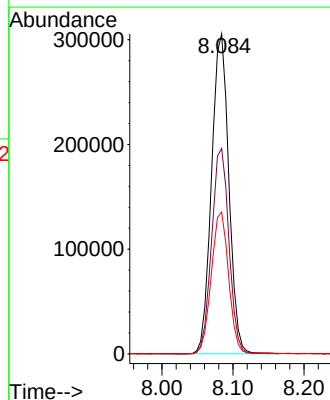
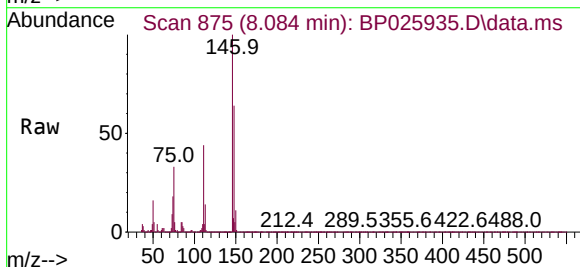
Tgt Ion:146 Resp: 516108

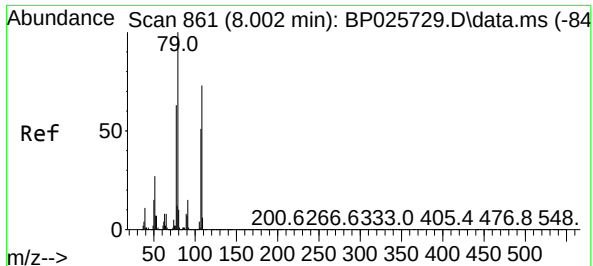
Ion Ratio Lower Upper

146 100

148 64.3 51.7 77.5

111 44.3 35.5 53.3

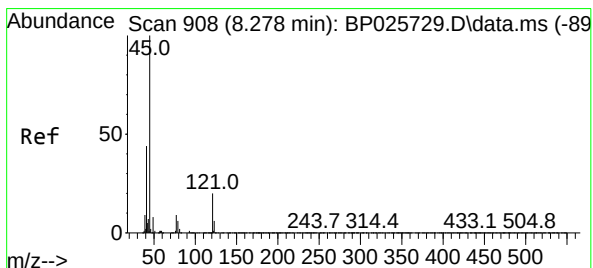
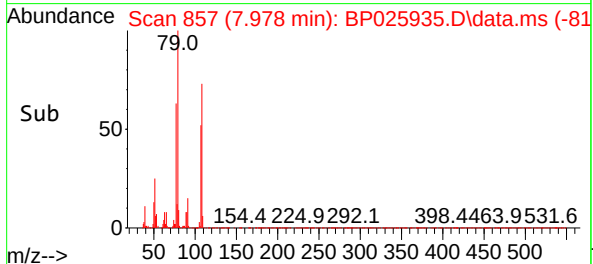
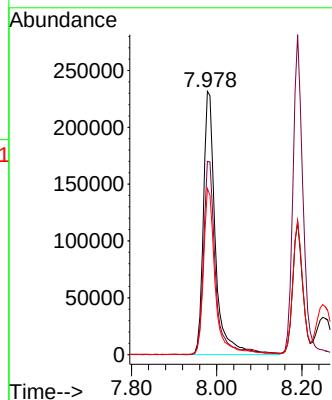
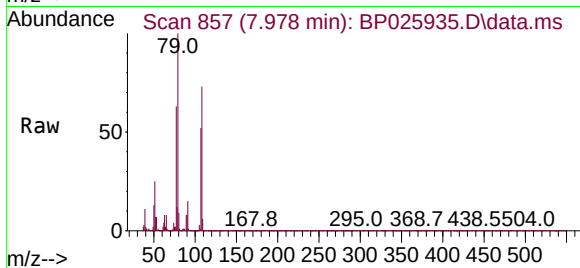




#15
Benzyl Alcohol
Concen: 41.293 ng
RT: 7.978 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

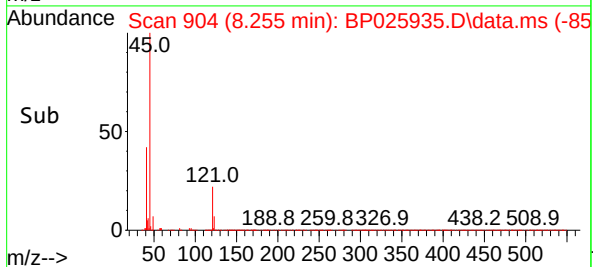
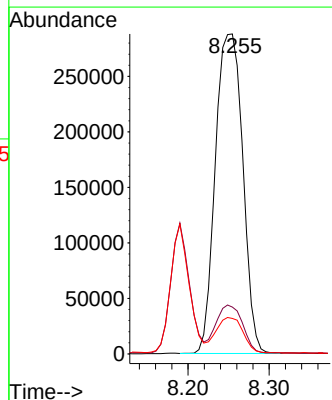
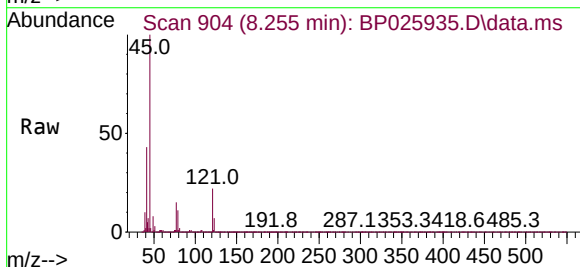
Instrument :
BNA_P
ClientSampleId :
72-11966MS

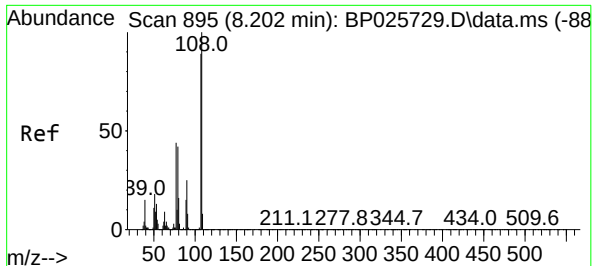
Tgt Ion: 79 Resp: 452923
Ion Ratio Lower Upper
79 100
108 73.4 58.7 88.1
77 63.1 50.2 75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.740 ng
RT: 8.255 min Scan# 904
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 45 Resp: 675634
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.1
79 11.1 0.0 30.0

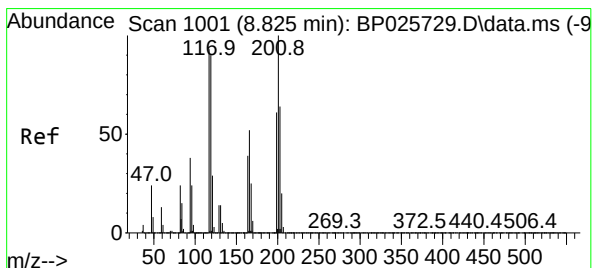
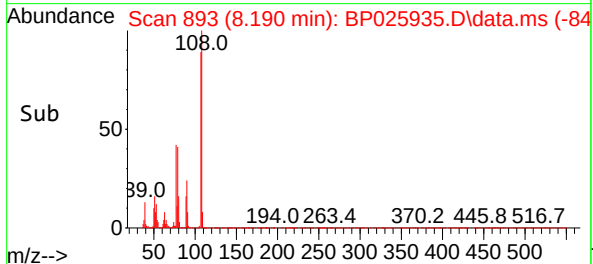
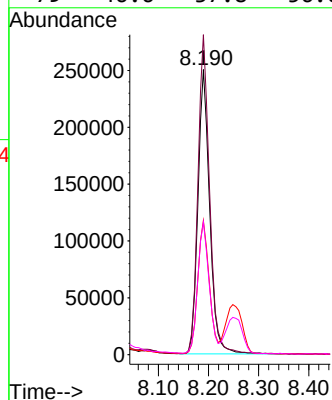
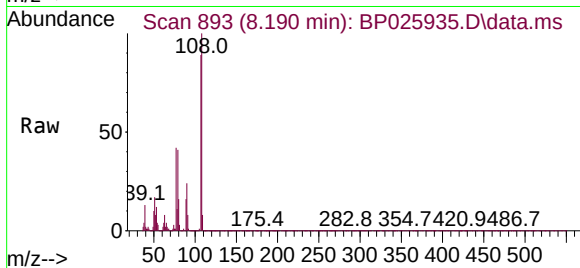




#17
2-Methylphenol
Concen: 43.079 ng
RT: 8.190 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

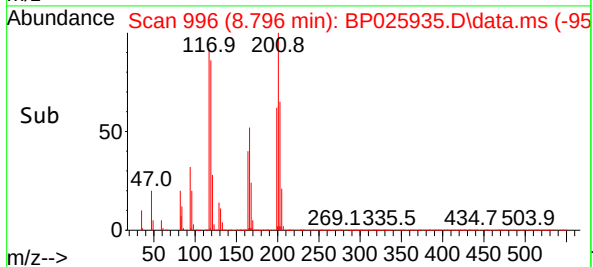
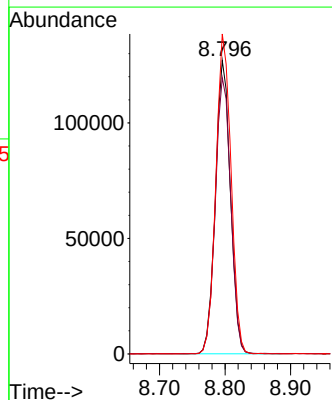
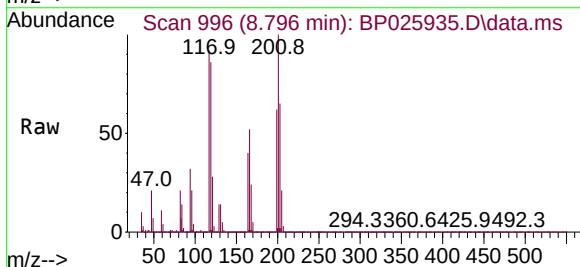
Instrument :
BNA_P
ClientSampleId :
72-11966MS

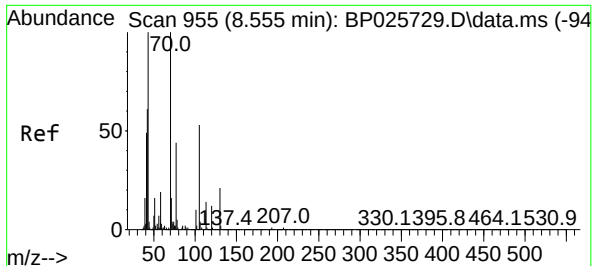
Tgt Ion:107 Resp: 406520
Ion Ratio Lower Upper
107 100
108 112.2 89.6 134.4
77 47.0 39.3 58.9
79 46.6 37.8 56.6



#18
Hexachloroethane
Concen: 41.823 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:117 Resp: 202901
Ion Ratio Lower Upper
117 100
119 94.1 77.1 115.7
201 109.1 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 38.818 ng

RT: 8.531 min Scan# 91

Delta R.T. -0.024 min

Lab File: BP025935.D

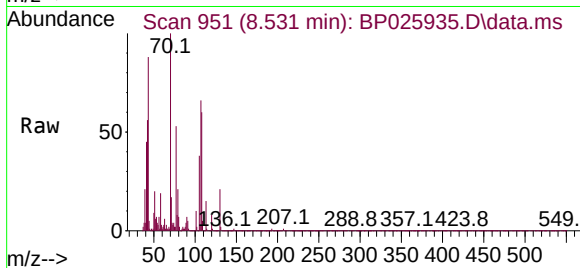
Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS



Tgt Ion: 70 Resp: 359388

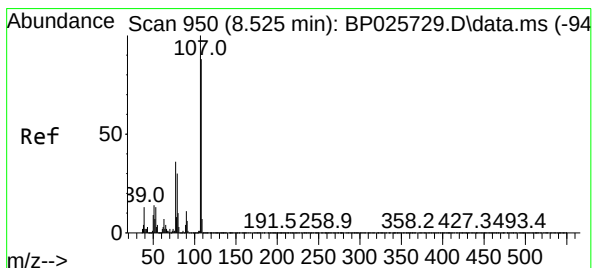
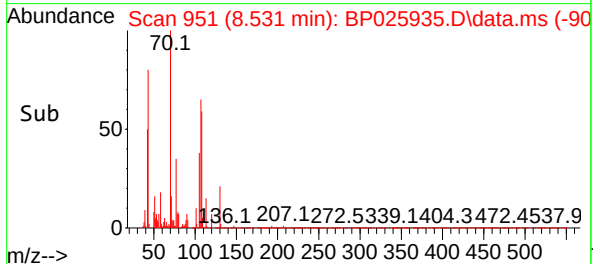
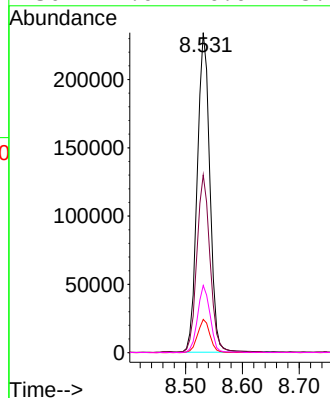
Ion Ratio Lower Upper

70 100

42 55.5 49.0 73.4

101 10.4 7.9 11.9

130 21.0 16.6 25.0



#20

3+4-Methylphenols

Concen: 41.540 ng

RT: 8.519 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Tgt Ion: 107 Resp: 548979

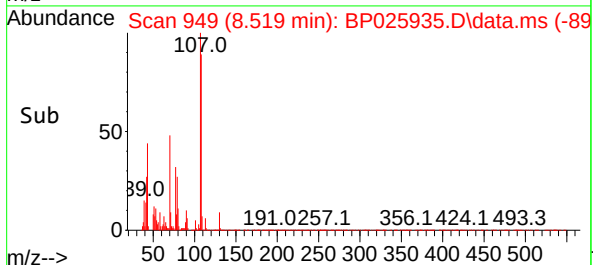
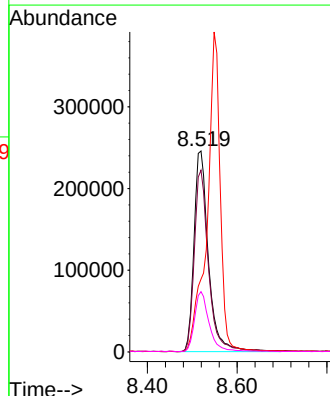
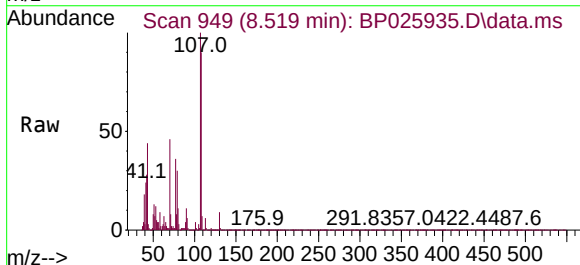
Ion Ratio Lower Upper

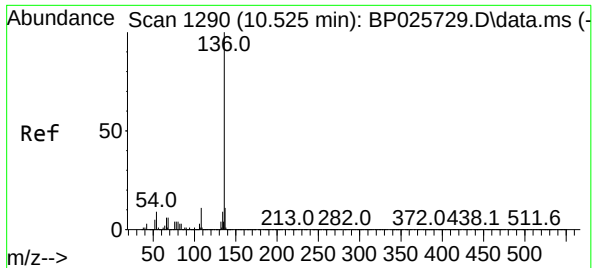
107 100

108 90.5 67.8 107.8

77 36.2 16.1 56.1

79 30.0 10.5 50.5

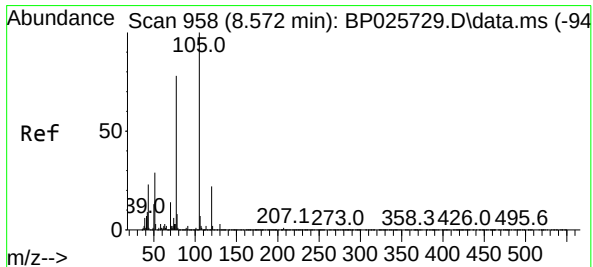
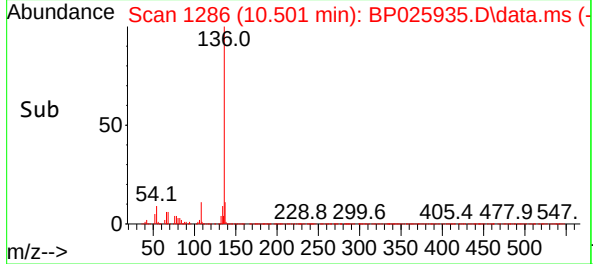
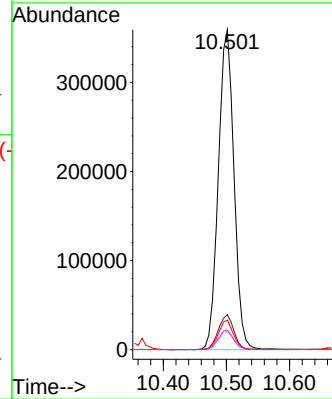
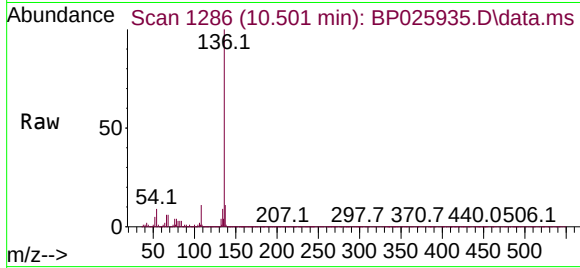




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.501 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

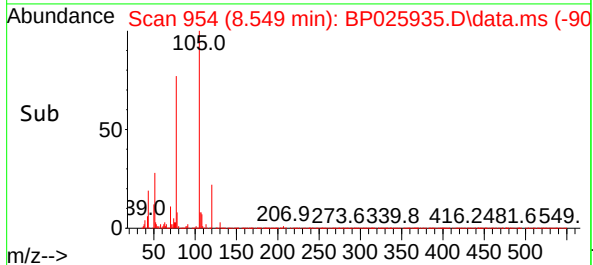
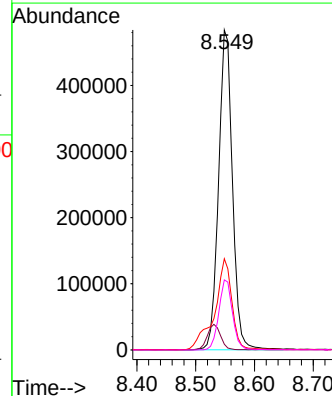
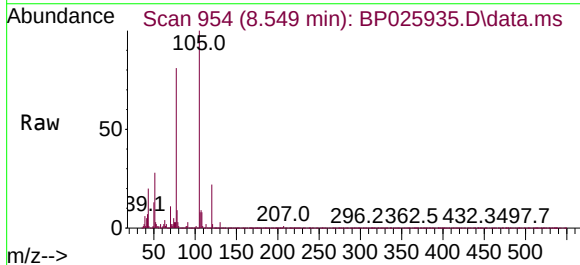
Instrument :
BNA_P
ClientSampleId :
72-11966MS

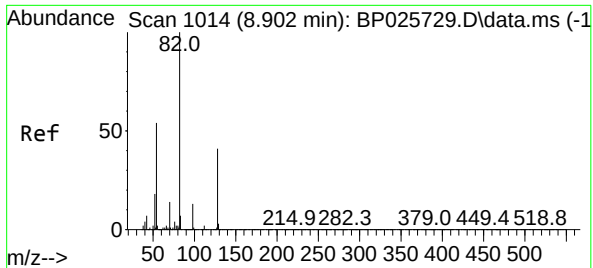
Tgt Ion:136 Resp: 617249
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.2 7.5 11.3
68 6.0 5.0 7.6



#22
Acetophenone
Concen: 48.041 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:105 Resp: 792448
Ion Ratio Lower Upper
105 100
71 1.8 1.8 2.8#
51 28.5 23.5 35.3
120 21.9 17.7 26.5

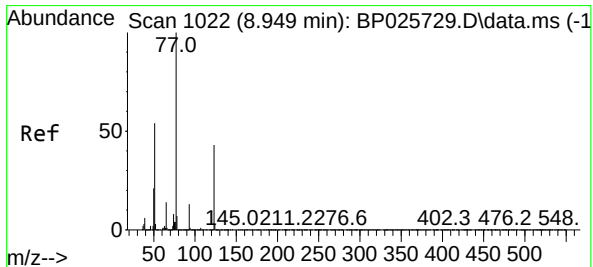
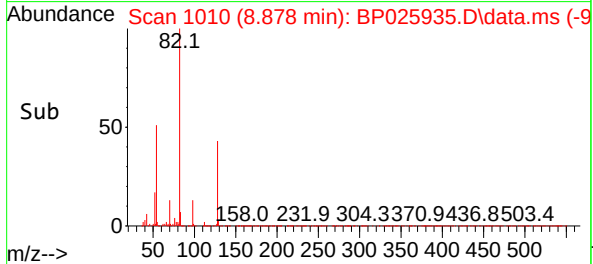
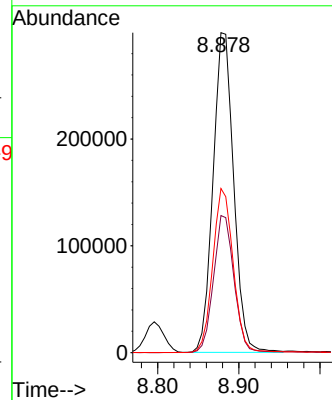
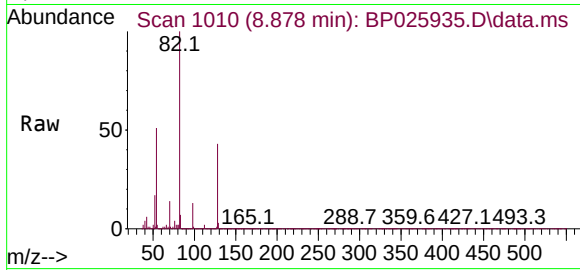




#23
Nitrobenzene-d5
Concen: 37.835 ng
RT: 8.878 min Scan# 1010
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

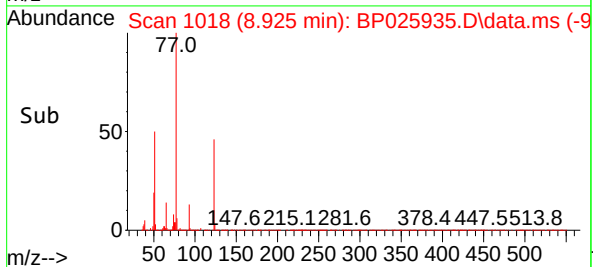
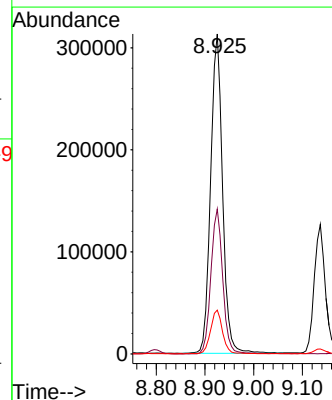
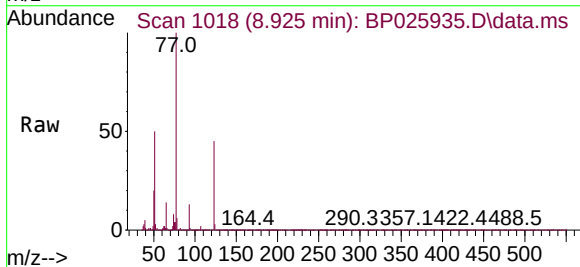
Instrument :
BNA_P
ClientSampleId :
72-11966MS

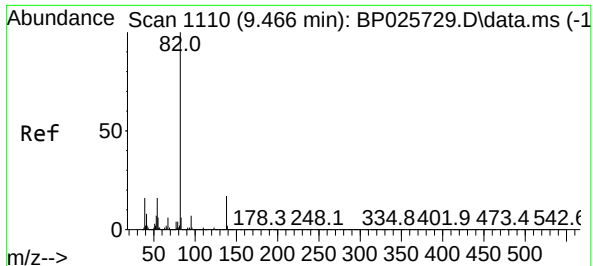
Tgt Ion: 82 Resp: 529430
Ion Ratio Lower Upper
82 100
128 42.8 32.9 49.3
54 51.3 43.4 65.2



#24
Nitrobenzene
Concen: 42.720 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 77 Resp: 536275
Ion Ratio Lower Upper
77 100
123 45.3 34.4 51.6
65 13.7 10.8 16.2

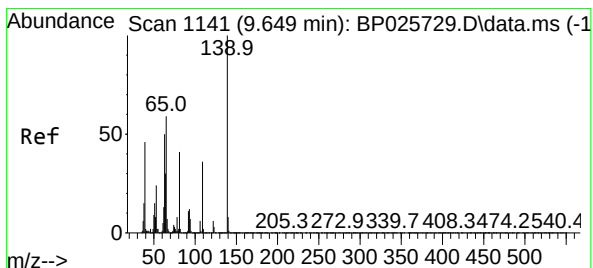
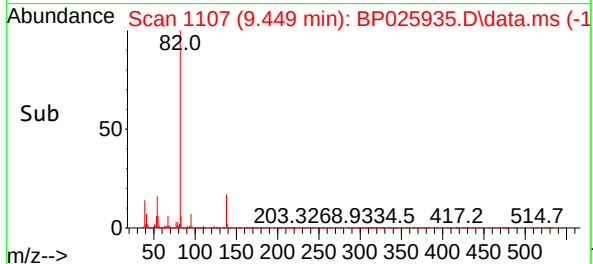
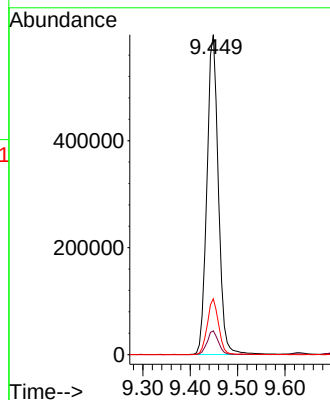
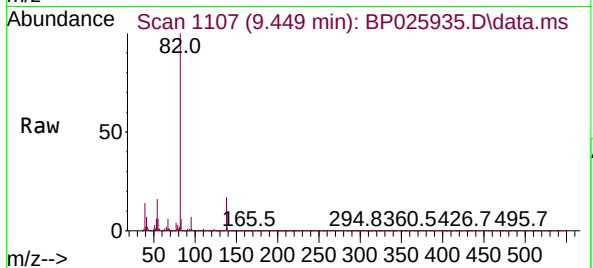




#25
Isophorone
Concen: 40.876 ng
RT: 9.449 min Scan# 1110
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

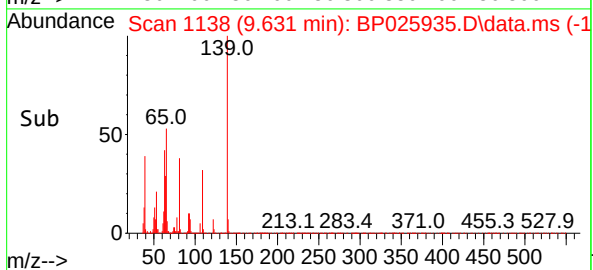
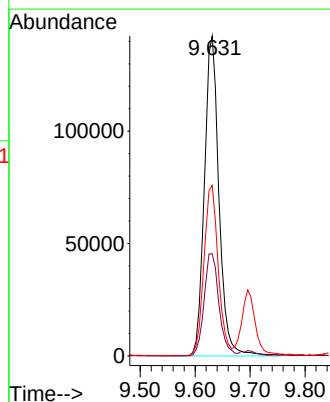
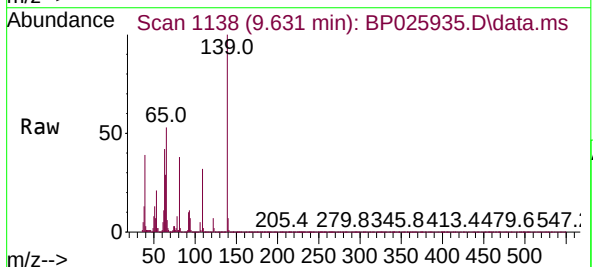
Instrument :
BNA_P
ClientSampleId :
72-11966MS

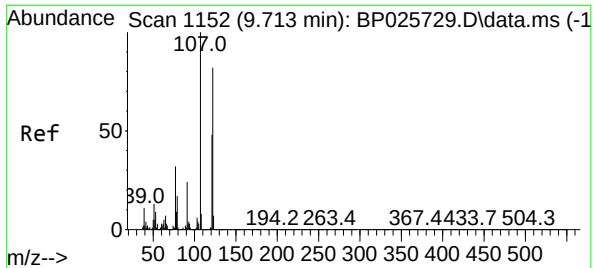
Tgt Ion: 82 Resp: 1005363
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.4 13.5 20.3



#26
2-Nitrophenol
Concen: 47.054 ng
RT: 9.631 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 139 Resp: 262254
Ion Ratio Lower Upper
139 100
109 31.9 29.0 43.4
65 53.3 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 45.171 ng

RT: 9.696 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

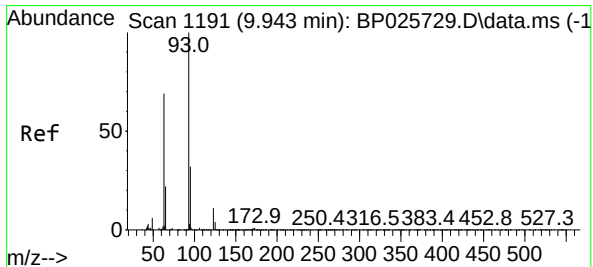
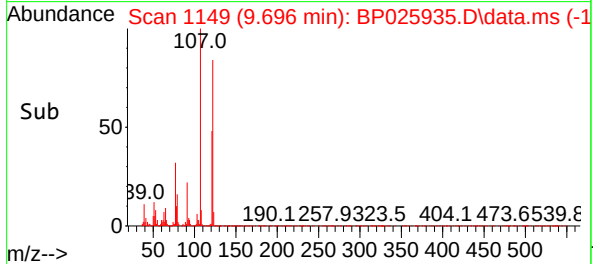
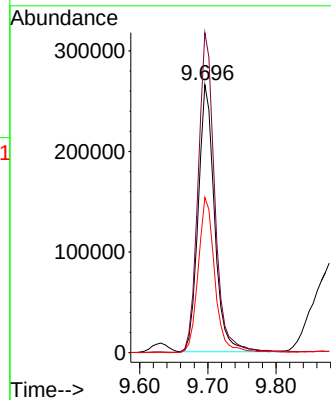
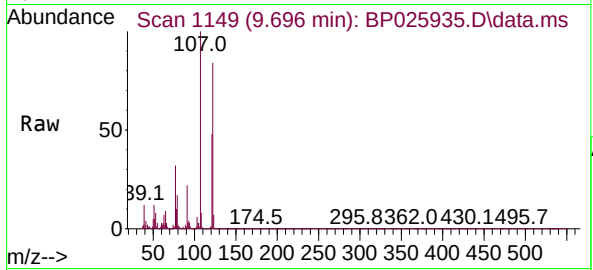
Tgt Ion:122 Resp: 441669

Ion Ratio Lower Upper

122 100

107 119.4 97.9 146.9

121 57.9 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.524 ng

RT: 9.913 min Scan# 1186

Delta R.T. -0.029 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

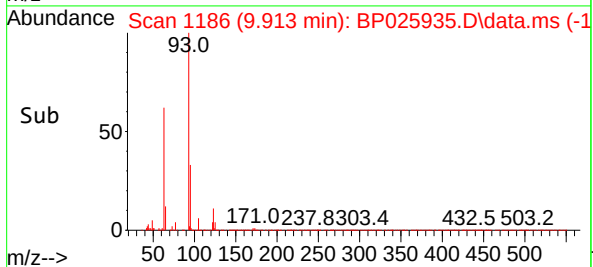
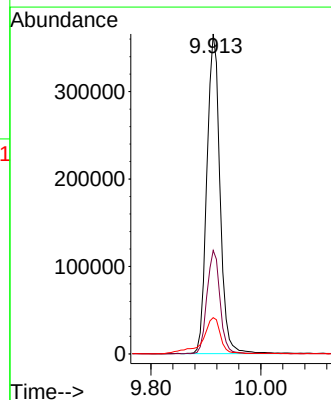
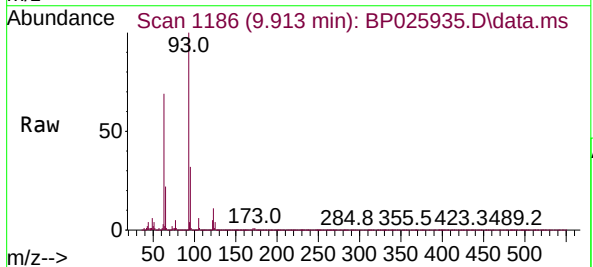
Tgt Ion: 93 Resp: 604575

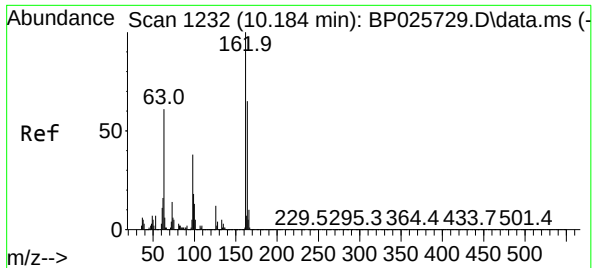
Ion Ratio Lower Upper

93 100

95 32.3 25.6 38.4

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 46.497 ng

RT: 10.184 min Scan# 1232

Delta R.T. -0.000 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

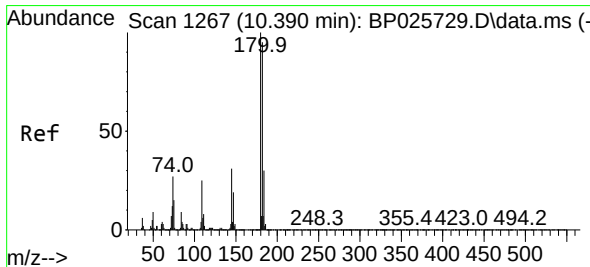
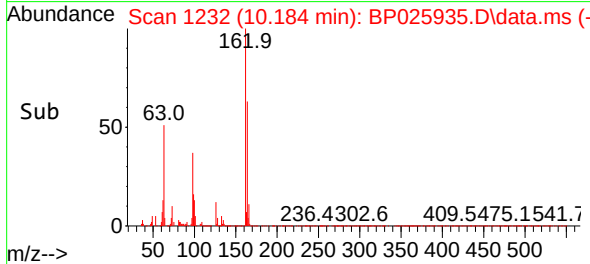
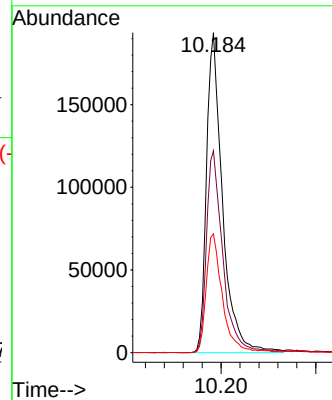
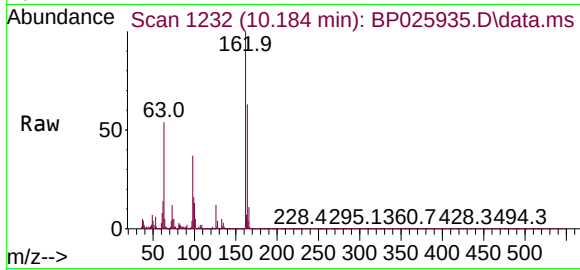
Tgt Ion:162 Resp: 453294

Ion Ratio Lower Upper

162 100

164 63.1 44.7 84.7

98 37.1 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.144 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

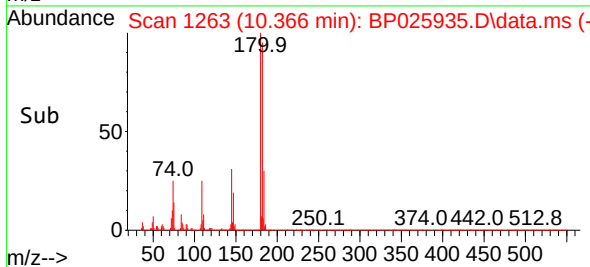
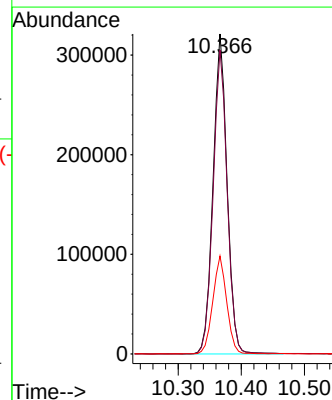
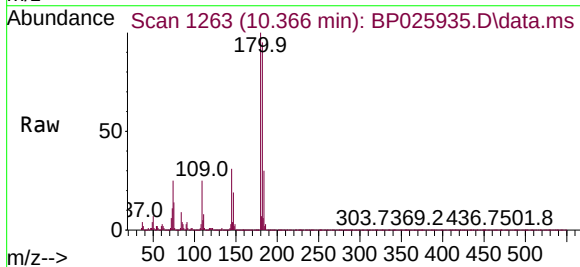
Tgt Ion:180 Resp: 495995

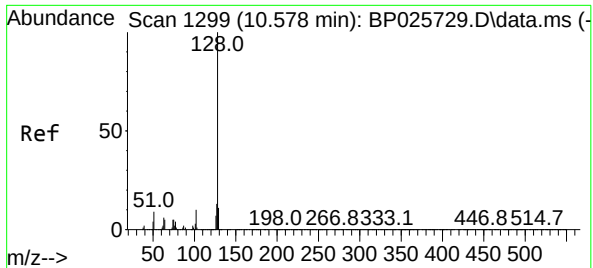
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 30.6 24.7 37.1

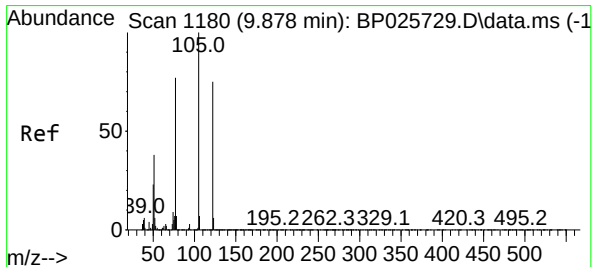
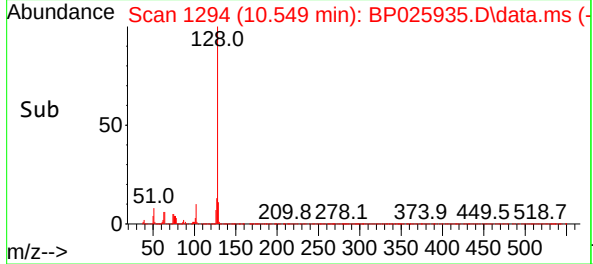
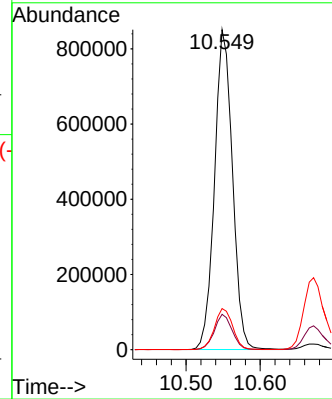
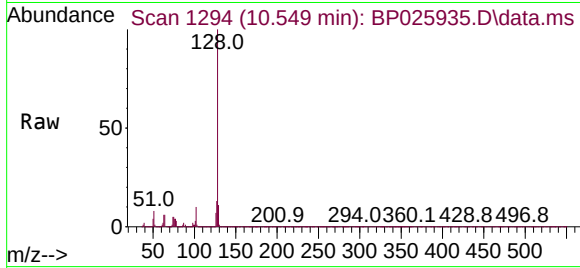




#31
Naphthalene
Concen: 43.029 ng
RT: 10.549 min Scan# 111
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

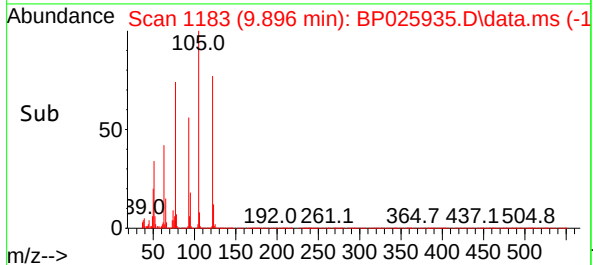
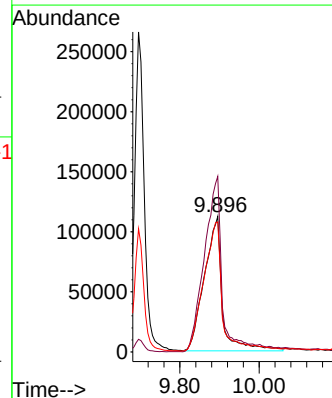
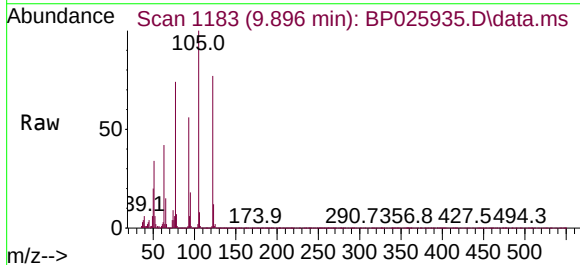
Instrument :
BNA_P
ClientSampleId :
72-11966MS

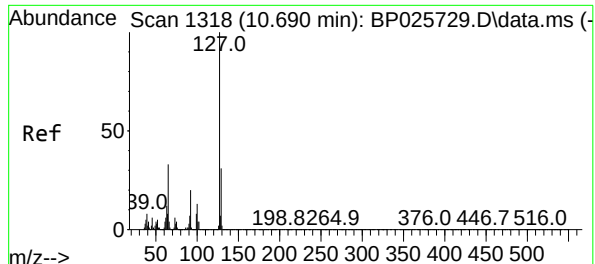
Tgt Ion:128 Resp: 1432115
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 48.626 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:122 Resp: 353486
Ion Ratio Lower Upper
122 100
105 129.6 111.5 151.5
77 96.0 81.8 121.8

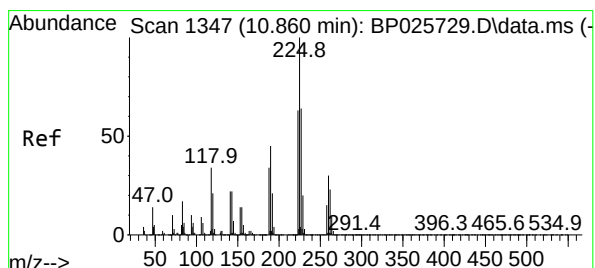
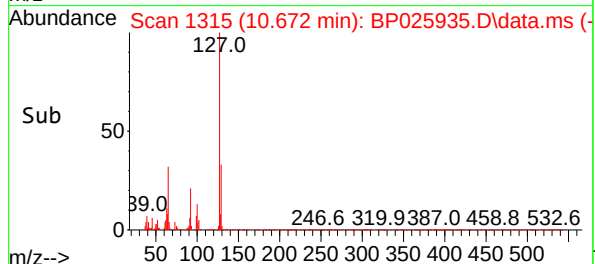
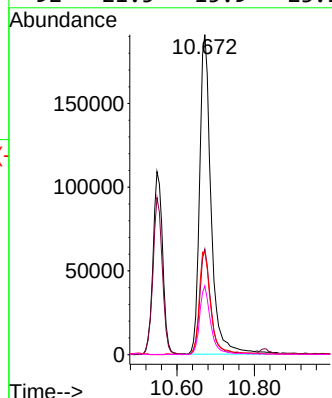
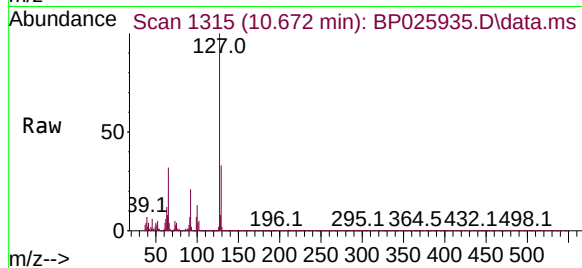




#33
4-Chloroaniline
Concen: 28.454 ng
RT: 10.672 min Scan# 1318
Delta R.T. -0.018 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

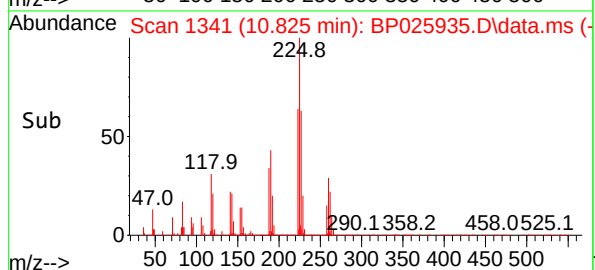
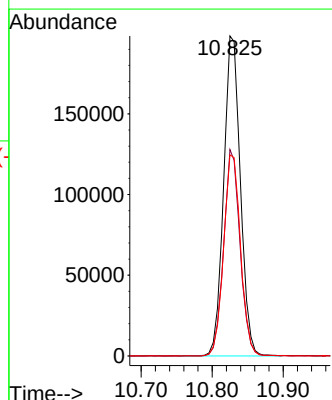
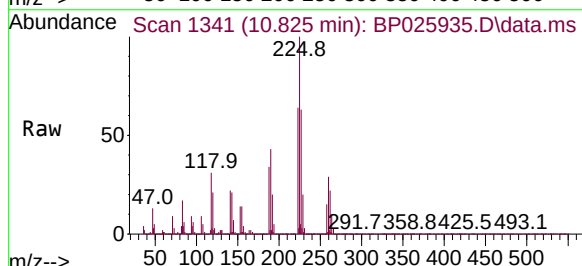
Instrument :
BNA_P
ClientSampleId :
72-11966MS

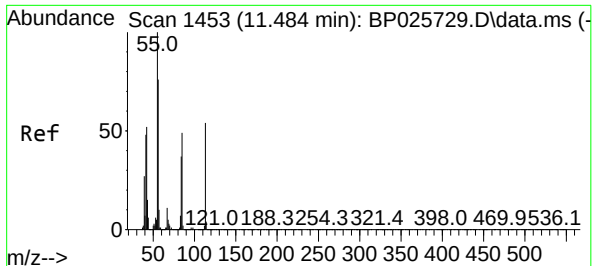
Tgt Ion:	127	Resp:	394719
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.1	37.7
65	32.1	26.4	39.6
92	21.5	15.9	23.9



#34
Hexachlorobutadiene
Concen: 45.892 ng
RT: 10.825 min Scan# 1341
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:	225	Resp:	324582
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.1	75.1
227	62.8	51.2	76.8

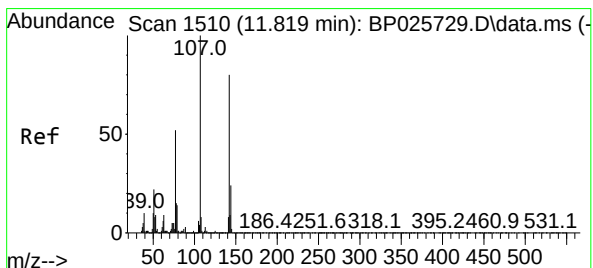
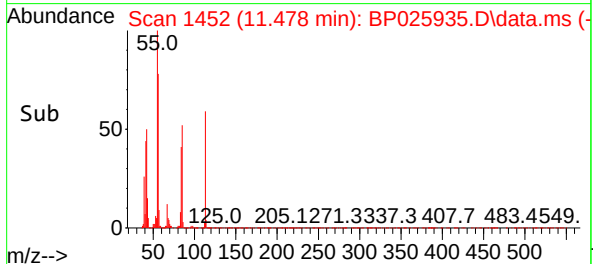
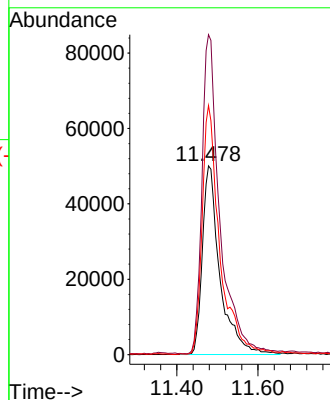
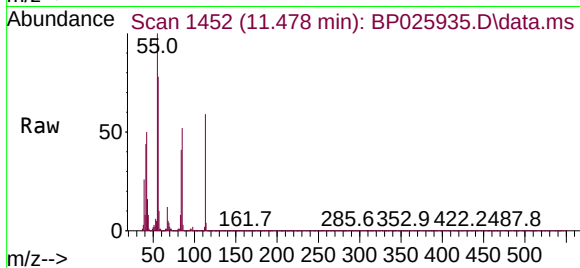




#35
Caprolactam
Concen: 40.208 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

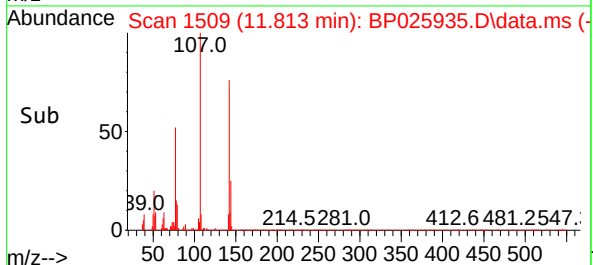
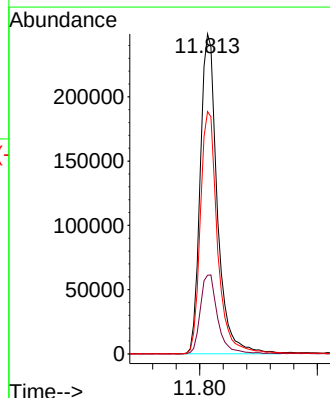
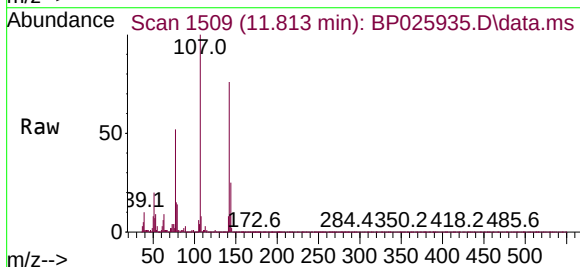
Instrument :
BNA_P
ClientSampleId :
72-11966MS

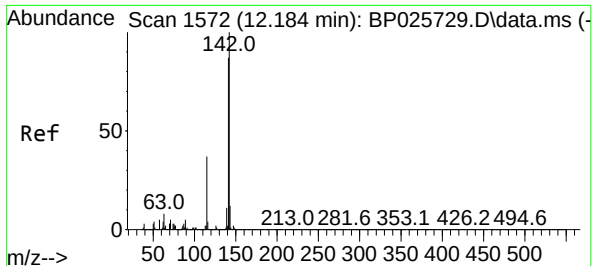
Tgt Ion	Ratio	Lower	Upper
113	100		
55	169.6	165.5	205.5
56	132.0	121.1	161.1



#36
4-Chloro-3-methylphenol
Concen: 43.162 ng
RT: 11.813 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.4	29.2
142	75.7	63.8	95.6





#37

2-Methylnaphthalene

Concen: 42.773 ng

RT: 12.160 min Scan# 11

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

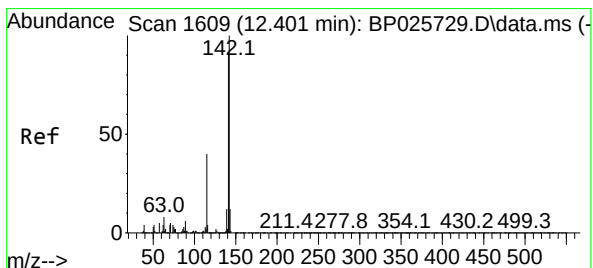
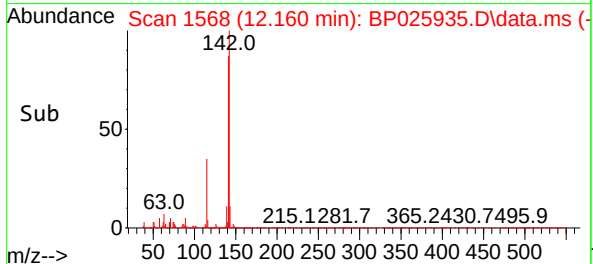
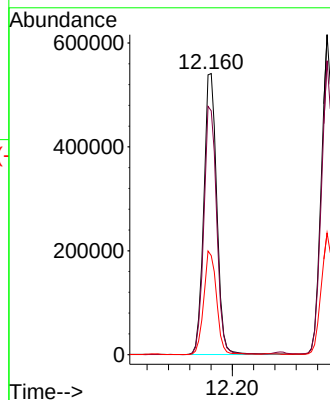
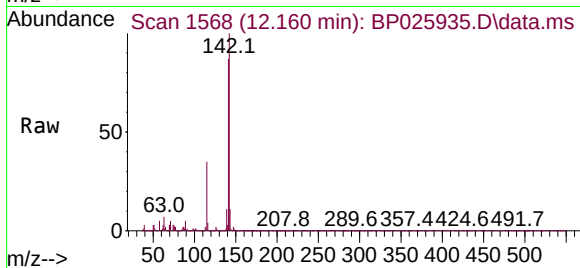
Tgt Ion:142 Resp: 914345

Ion Ratio Lower Upper

142 100

141 86.7 69.6 104.4

115 35.2 30.0 45.0



#38

1-Methylnaphthalene

Concen: 41.740 ng

RT: 12.378 min Scan# 1605

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

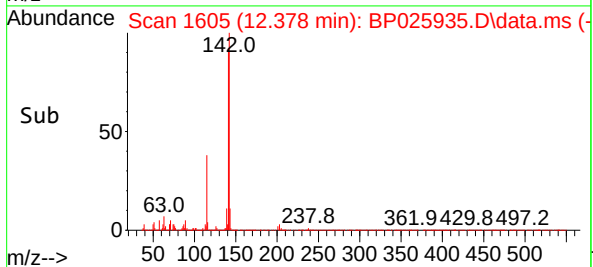
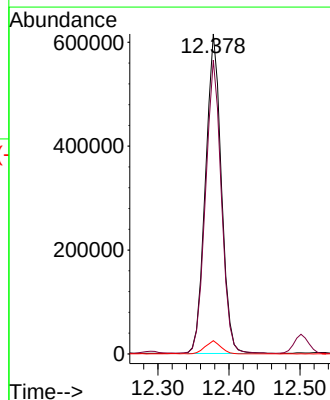
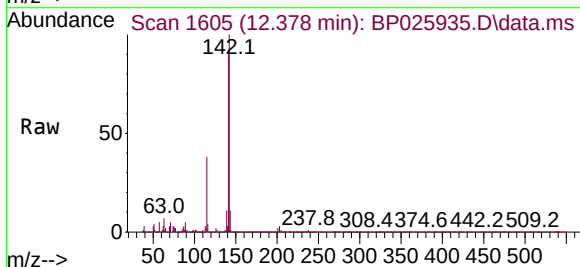
Tgt Ion:142 Resp: 951494

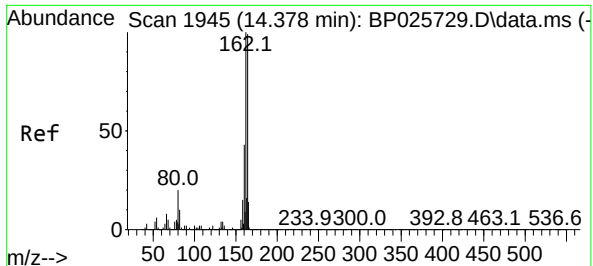
Ion Ratio Lower Upper

142 100

141 91.8 72.7 109.1

116 4.1 3.5 5.3

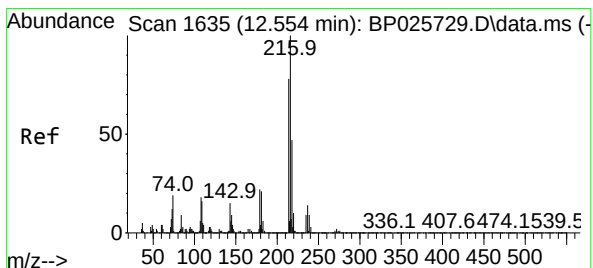
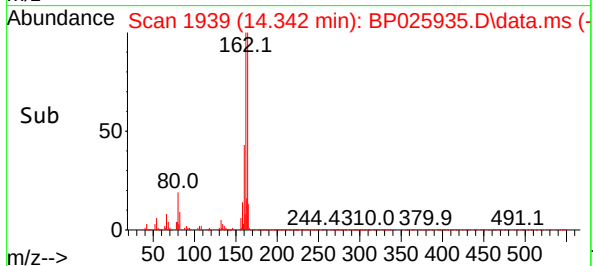
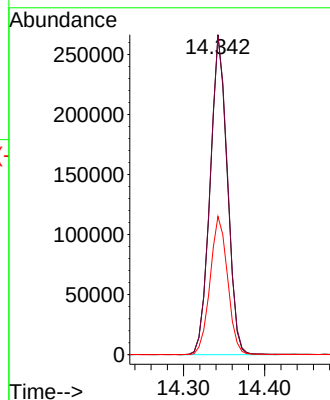
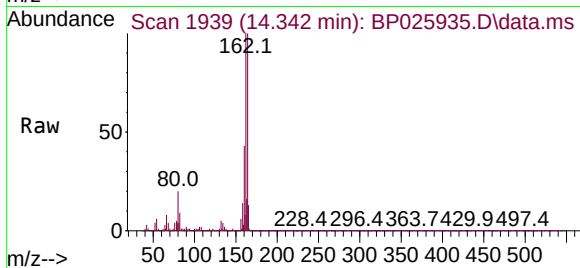




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.342 min Scan# 1945
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

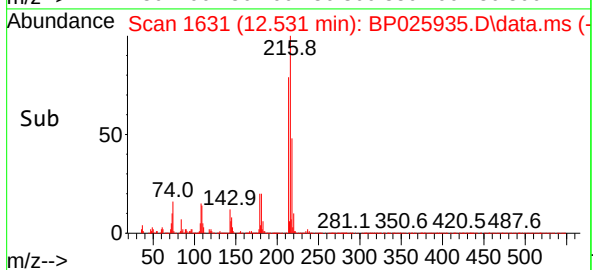
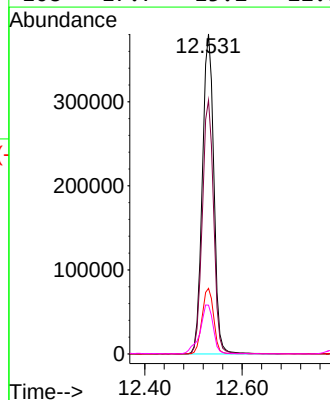
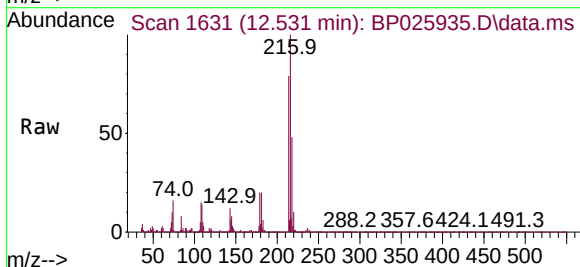
Instrument :
BNA_P
ClientSampleId :
72-11966MS

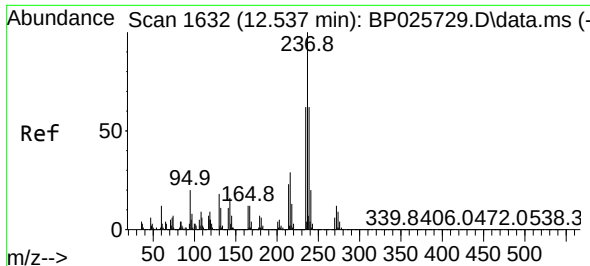
Tgt Ion:164 Resp: 391056
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 43.2 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.371 ng
RT: 12.531 min Scan# 1631
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:216 Resp: 620603
Ion Ratio Lower Upper
216 100
214 78.5 62.4 93.6
179 20.8 17.0 25.6
108 17.7 15.2 22.8

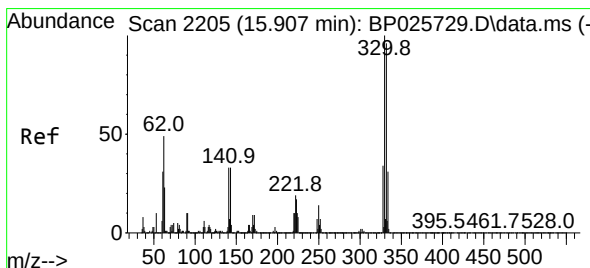
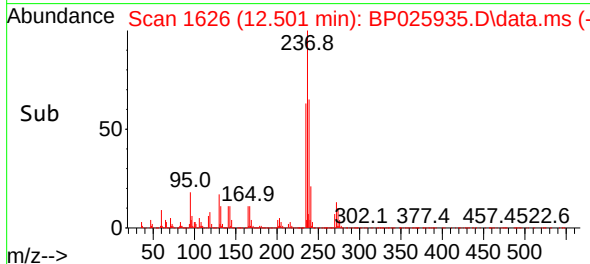
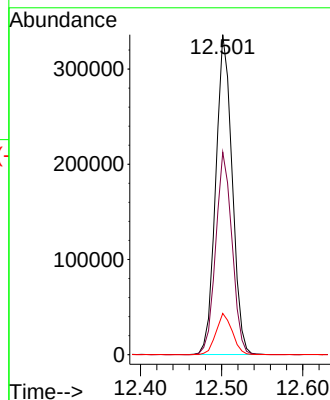
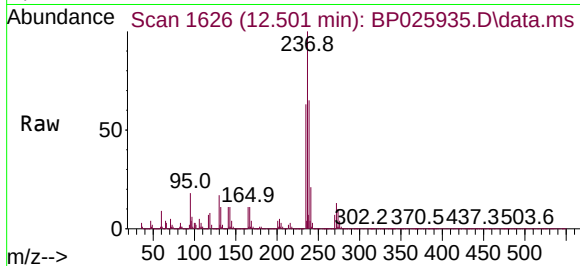




#41
Hexachlorocyclopentadiene
Concen: 73.298 ng
RT: 12.501 min Scan# 10
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

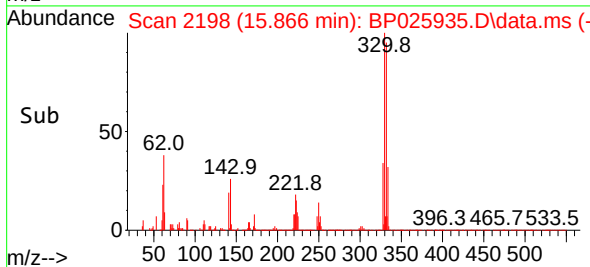
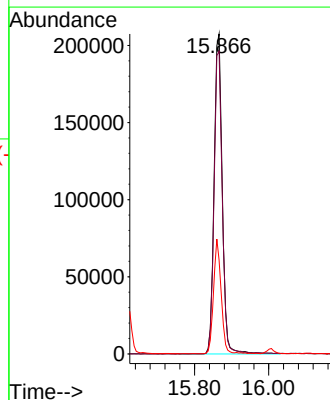
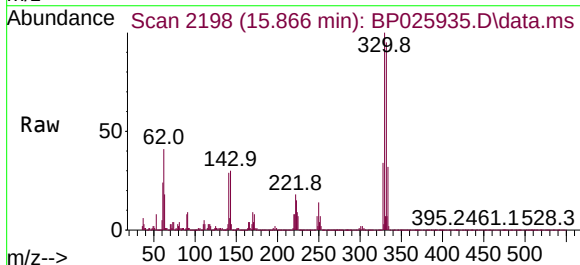
Instrument :
BNA_P
ClientSampleId :
72-11966MS

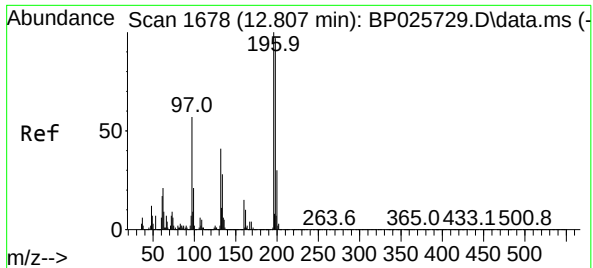
Tgt Ion:237 Resp: 473063
Ion Ratio Lower Upper
237 100
235 63.3 41.9 81.9
272 12.9 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 64.813 ng
RT: 15.866 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:330 Resp: 316137
Ion Ratio Lower Upper
330 100
332 94.6 76.9 115.3
141 33.2 31.0 46.4

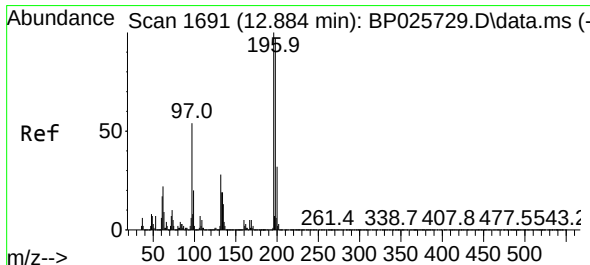
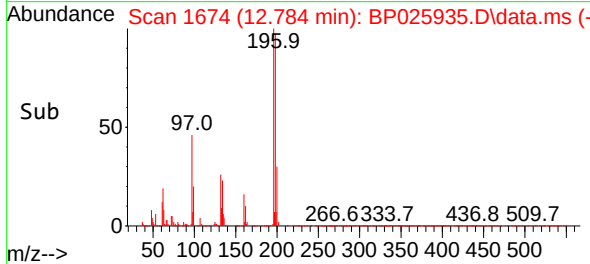
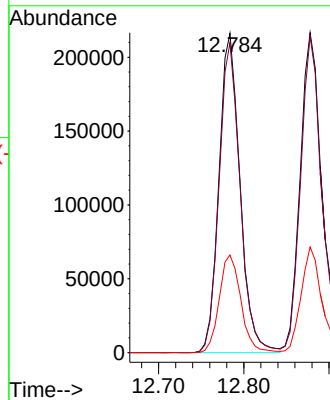
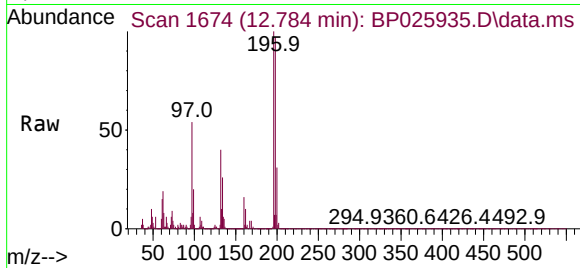




#43
2,4,6-Trichlorophenol
Concen: 47.696 ng
RT: 12.784 min Scan# 1678
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

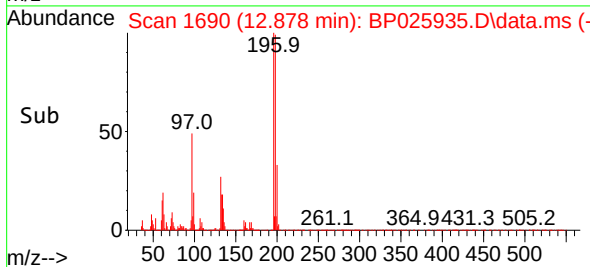
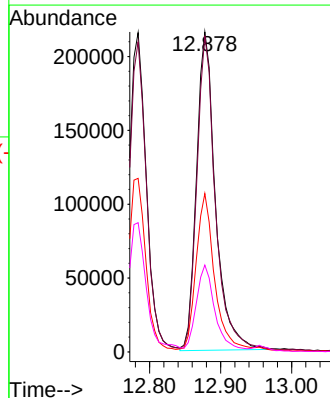
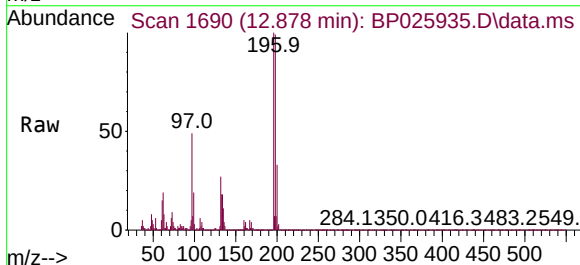
Instrument :
BNA_P
ClientSampleId :
72-11966MS

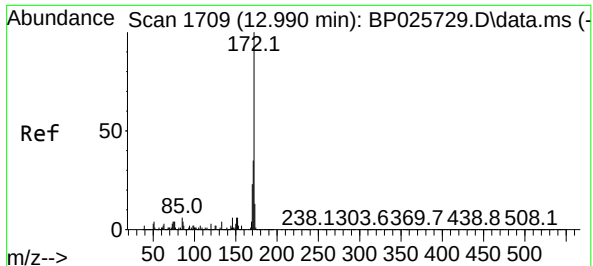
Tgt Ion:196 Resp: 371562
Ion Ratio Lower Upper
196 100
198 97.1 77.2 115.8
200 30.6 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 46.083 ng
RT: 12.878 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:196 Resp: 399539
Ion Ratio Lower Upper
196 100
198 98.8 77.8 116.8
97 49.5 43.3 64.9
132 27.1 22.3 33.5

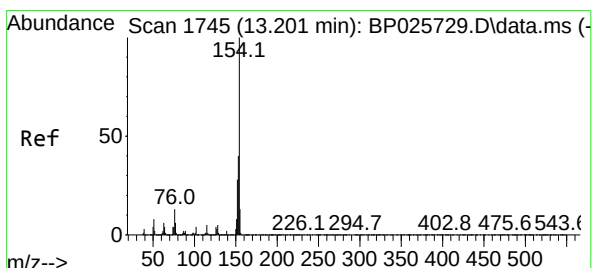
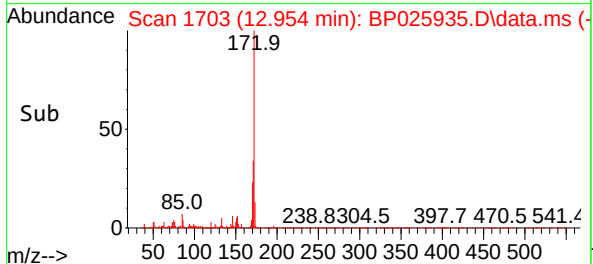
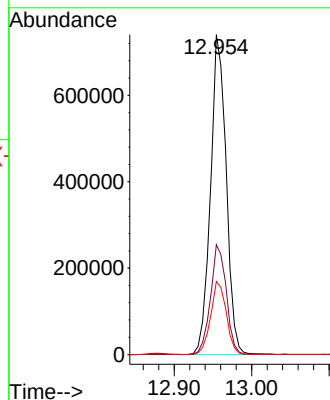
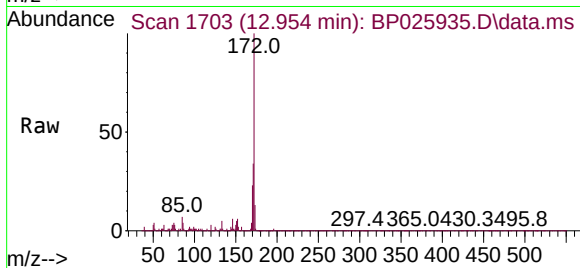




#45
2-Fluorobiphenyl
Concen: 35.481 ng
RT: 12.954 min Scan# 1703
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

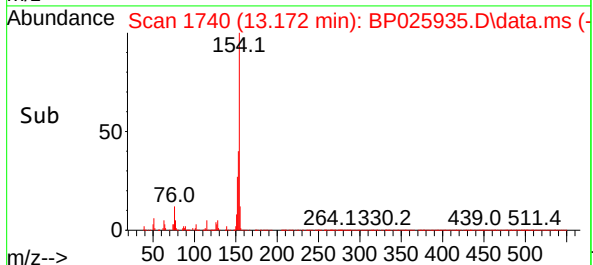
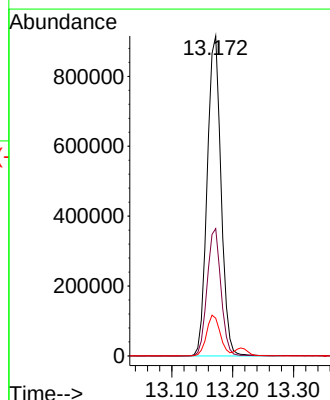
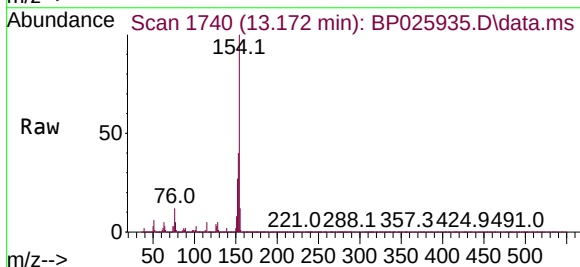
Instrument :
BNA_P
ClientSampleId :
72-11966MS

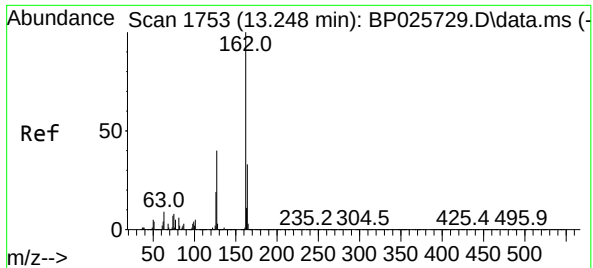
Tgt Ion:172 Resp: 1042058
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.8 18.6 27.8



#46
1,1'-Biphenyl
Concen: 50.133 ng
RT: 13.172 min Scan# 1740
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:154 Resp: 1438993
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 11.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 45.390 ng

RT: 13.213 min Scan# 1753

Delta R.T. -0.035 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

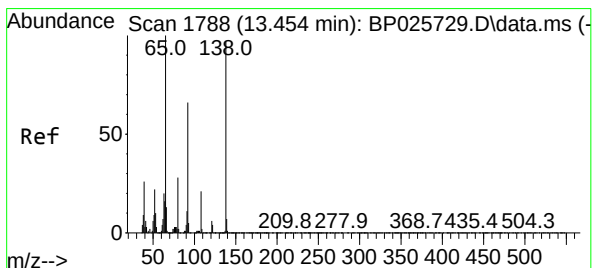
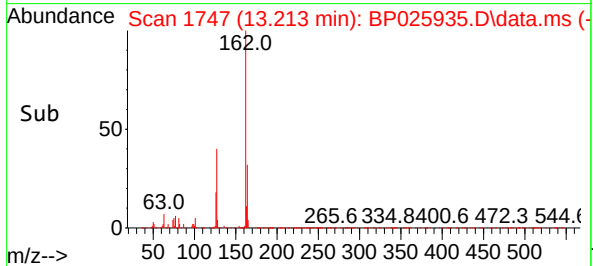
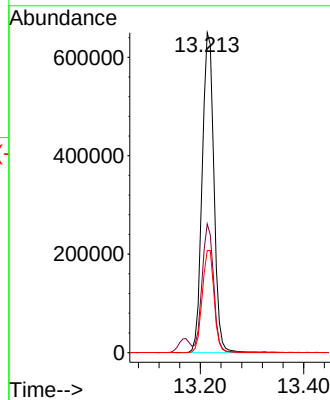
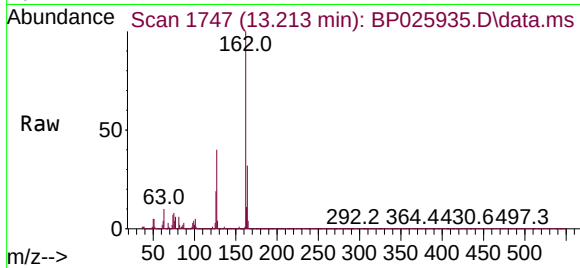
Tgt Ion:162 Resp: 1025863

Ion Ratio Lower Upper

162 100

127 40.2 32.2 48.4

164 31.9 26.5 39.7



#48

2-Nitroaniline

Concen: 43.309 ng

RT: 13.431 min Scan# 1784

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

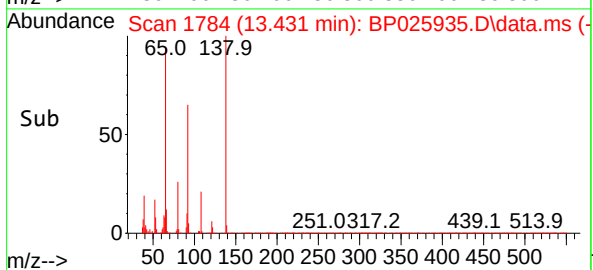
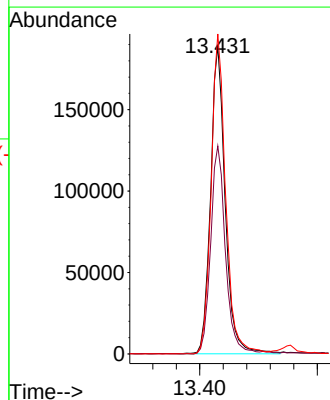
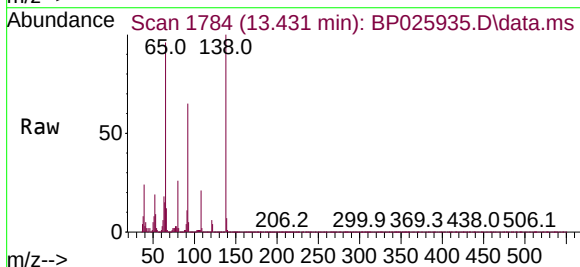
Tgt Ion: 65 Resp: 326293

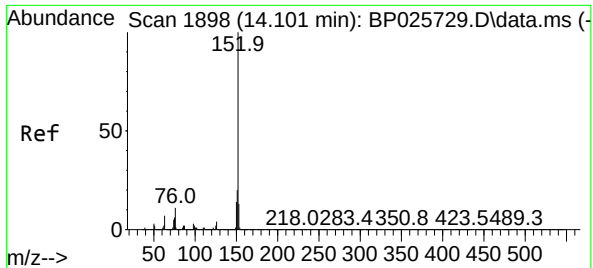
Ion Ratio Lower Upper

65 100

92 67.5 53.1 79.7

138 104.0 77.8 116.8

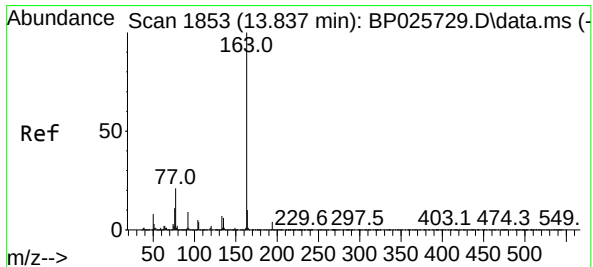
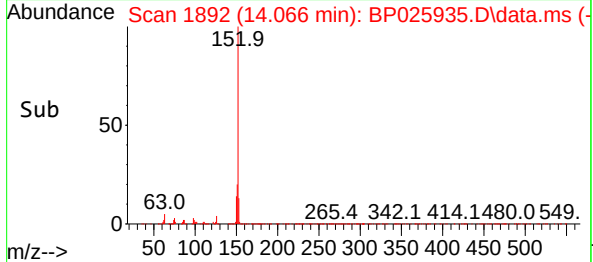
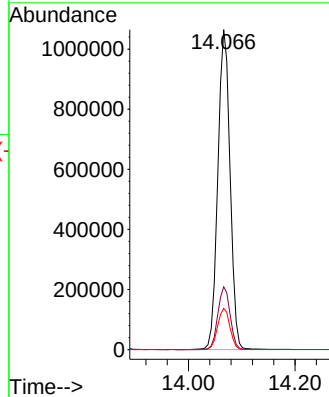
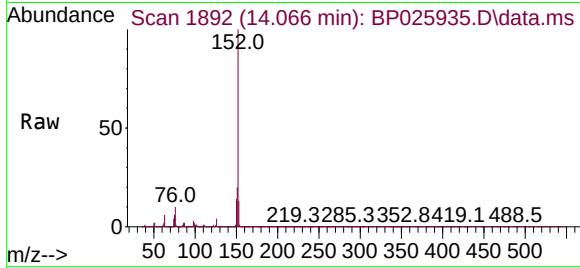




#49
Acenaphthylene
Concen: 45.202 ng
RT: 14.066 min Scan# 1892
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

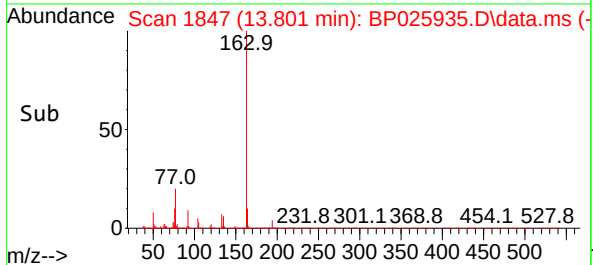
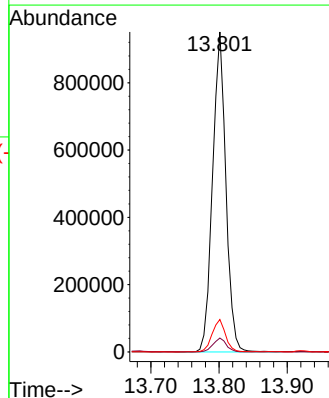
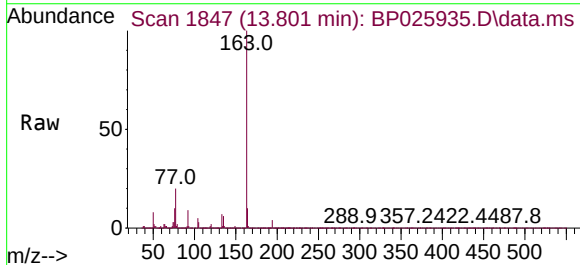
Instrument :
BNA_P
ClientSampleId :
72-11966MS

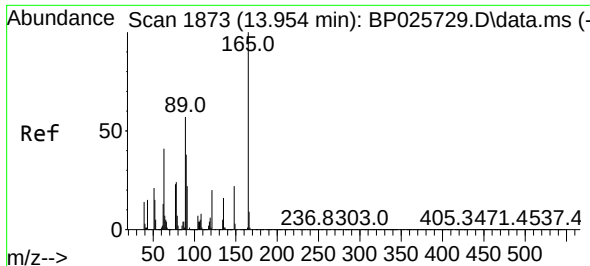
Tgt Ion:152 Resp: 1692703
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 42.965 ng
RT: 13.801 min Scan# 1847
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:163 Resp: 1282748
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.2 12.2

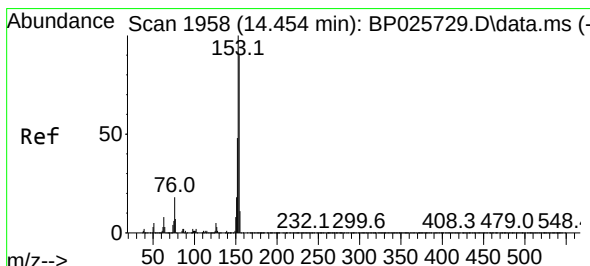
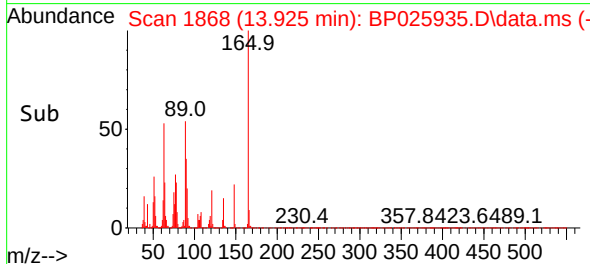
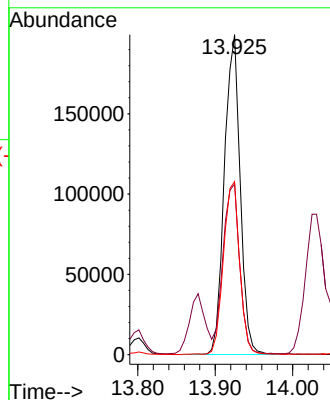
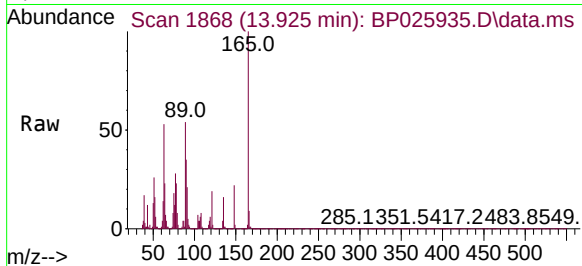




#51
2,6-Dinitrotoluene
Concen: 44.686 ng
RT: 13.925 min Scan# 1873
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

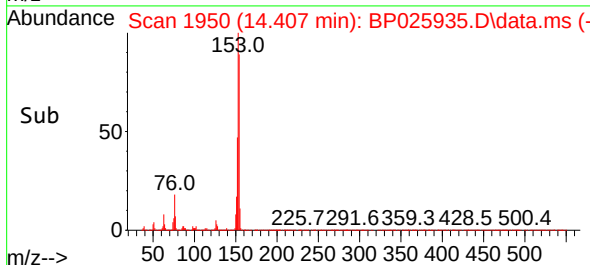
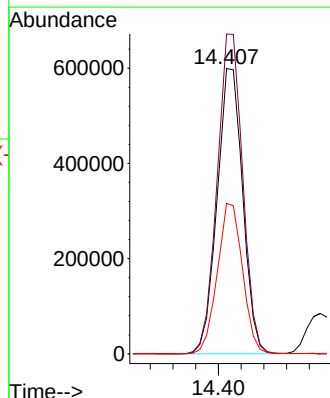
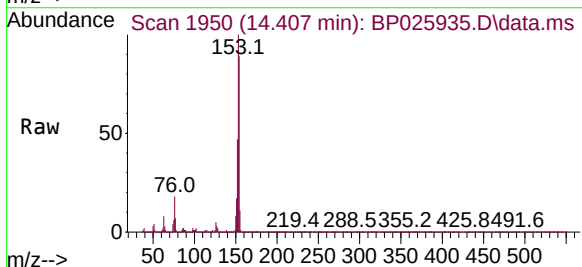
Instrument :
BNA_P
ClientSampleId :
72-11966MS

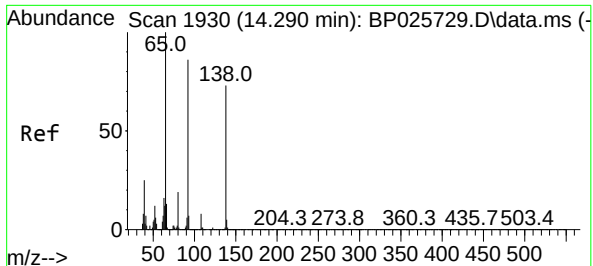
Tgt Ion:165 Resp: 282660
Ion Ratio Lower Upper
165 100
63 53.3 48.1 72.1
89 54.1 45.4 68.0



#52
Acenaphthene
Concen: 43.446 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.047 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:154 Resp: 938250
Ion Ratio Lower Upper
154 100
153 112.2 89.4 134.0
152 52.8 42.5 63.7





#53

3-Nitroaniline

Concen: 32.211 ng

RT: 14.266 min Scan# 1930

Delta R.T. -0.024 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

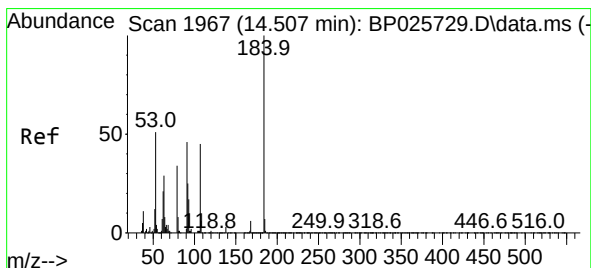
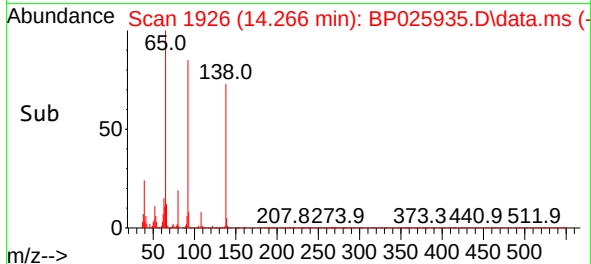
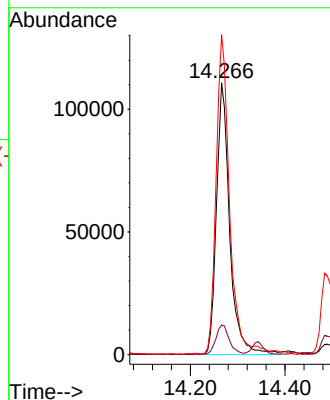
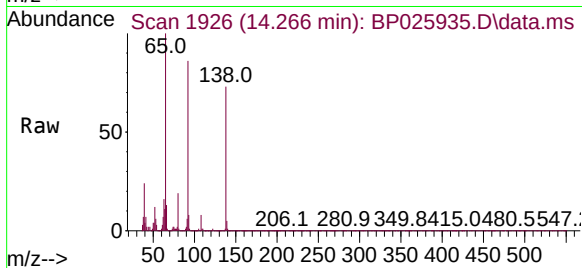
Tgt Ion:138 Resp: 214260

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

92 117.8 94.6 142.0



#54

2,4-Dinitrophenol

Concen: 76.360 ng

RT: 14.490 min Scan# 1964

Delta R.T. -0.018 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

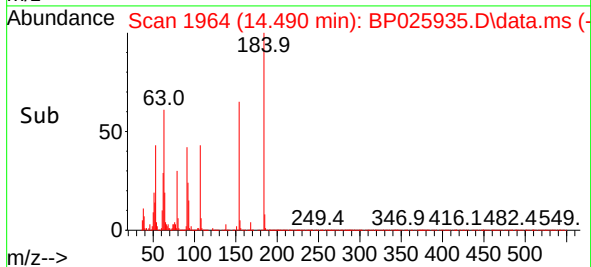
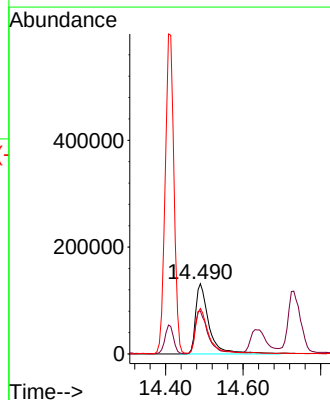
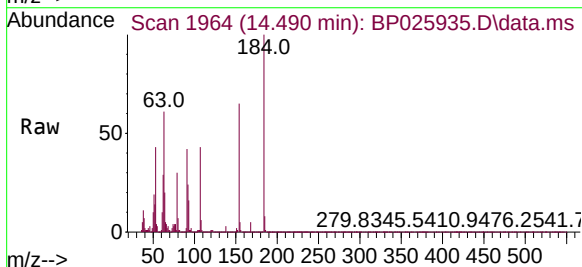
Tgt Ion:184 Resp: 313082

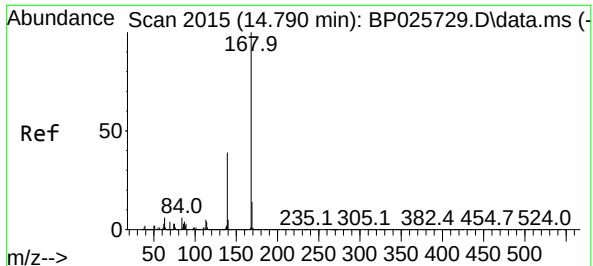
Ion Ratio Lower Upper

184 100

63 61.3 52.5 78.7

154 64.7 51.5 77.3





#55

Dibenzofuran

Concen: 43.289 ng

RT: 14.748 min Scan# 2015

Delta R.T. -0.041 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

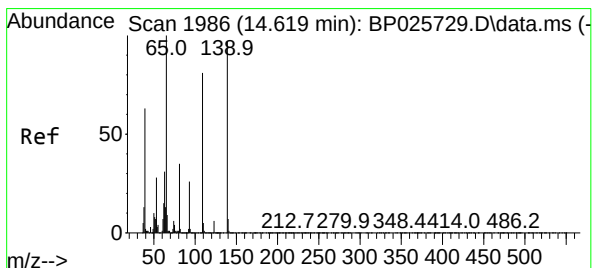
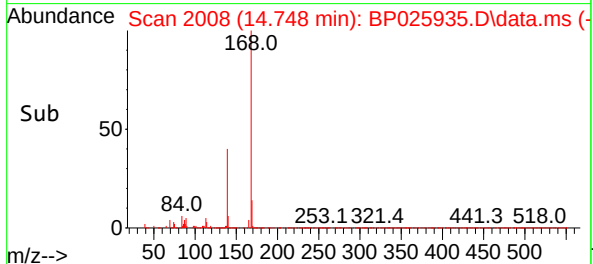
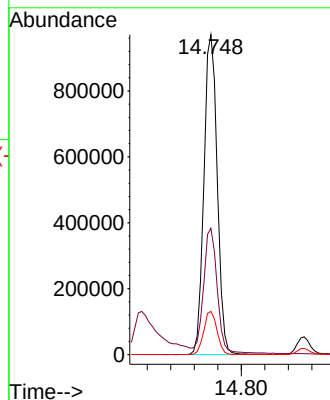
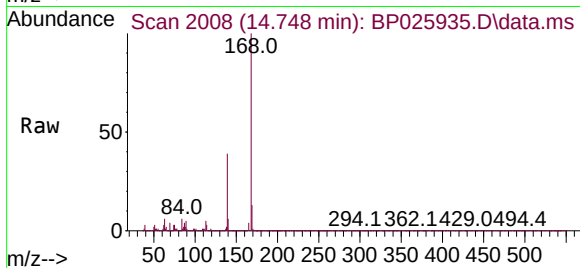
Tgt Ion:168 Resp: 1523653

Ion Ratio Lower Upper

168 100

139 39.5 31.7 47.5

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 69.675 ng

RT: 14.631 min Scan# 1988

Delta R.T. 0.012 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

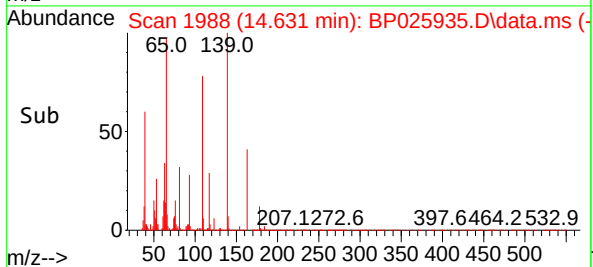
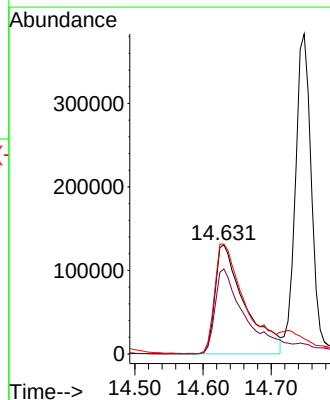
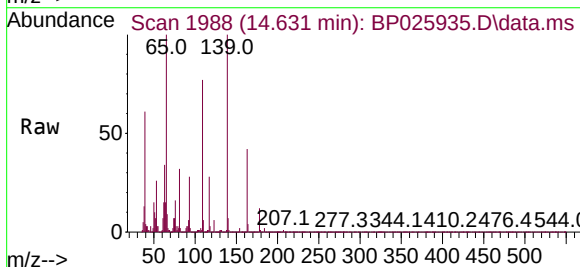
Tgt Ion:139 Resp: 395605

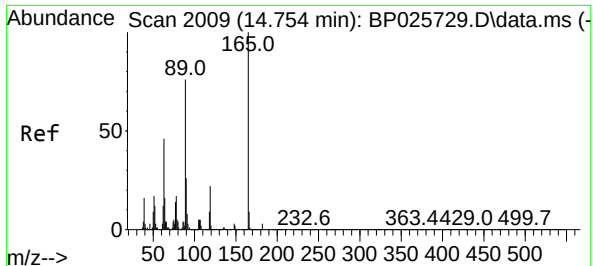
Ion Ratio Lower Upper

139 100

109 77.7 62.9 102.9

65 100.5 83.4 123.4

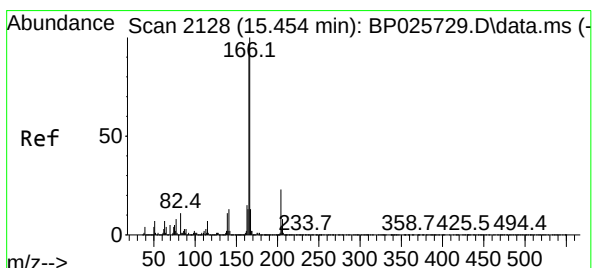
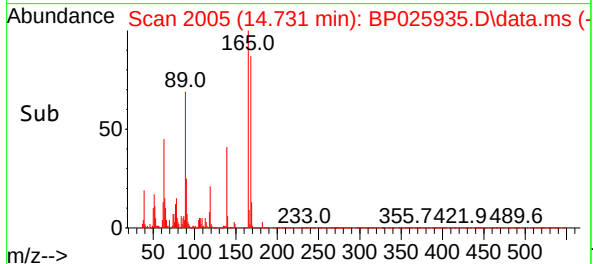
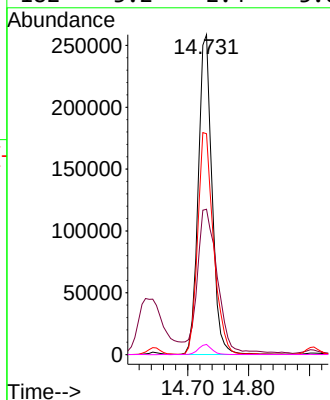
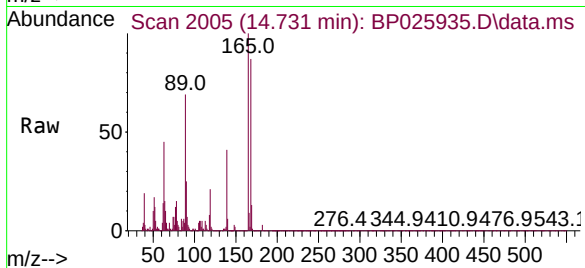




#57
2,4-Dinitrotoluene
Concen: 44.965 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

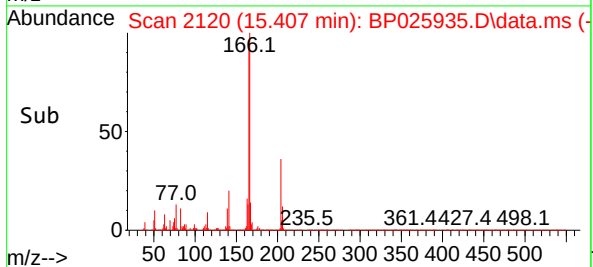
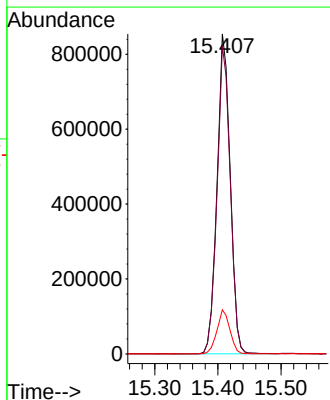
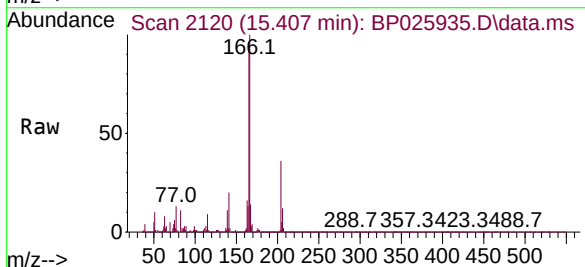
Instrument :
BNA_P
ClientSampleId :
72-11966MS

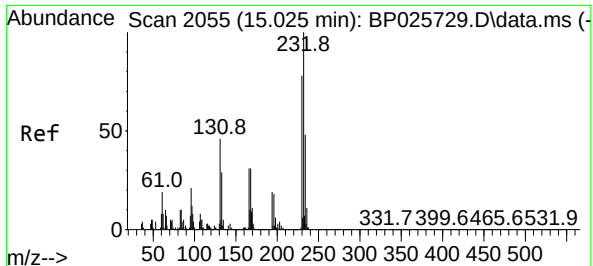
Tgt Ion:165 Resp: 404772
Ion Ratio Lower Upper
165 100
63 45.4 37.7 56.5
89 69.0 61.0 91.6
182 3.2 2.4 3.6



#58
Fluorene
Concen: 44.167 ng
RT: 15.407 min Scan# 2120
Delta R.T. -0.047 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:166 Resp: 1236135
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 13.8 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.773 ng

RT: 14.989 min Scan# 2055

Delta R.T. -0.035 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

Tgt Ion:232 Resp: 357493

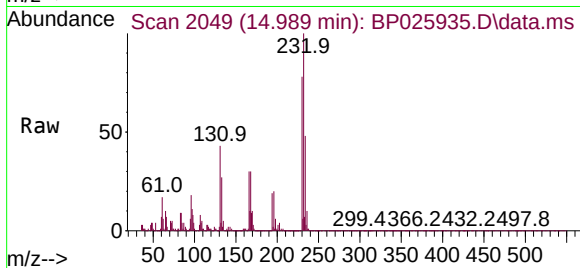
Ion Ratio Lower Upper

232 100

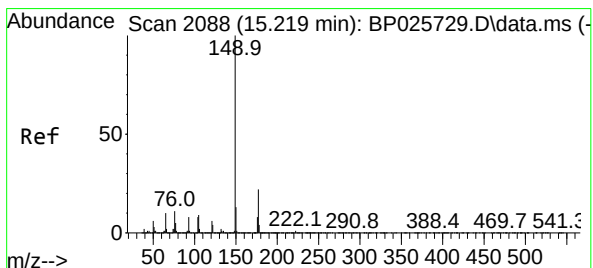
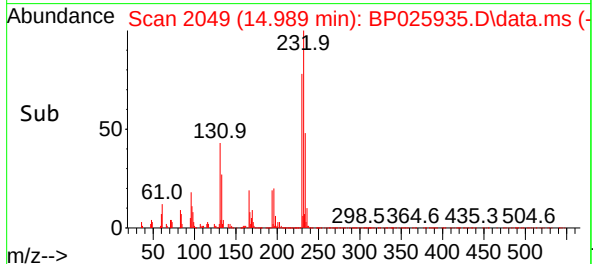
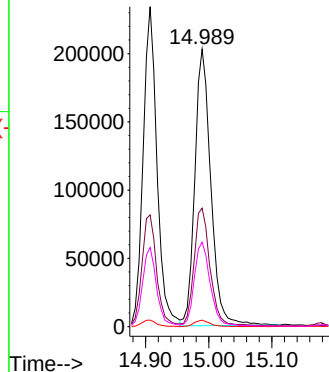
131 43.5 36.7 55.1

130 2.3 2.0 3.0

166 30.7 25.4 38.2



Abundance



#60

Diethylphthalate

Concen: 42.979 ng

RT: 15.178 min Scan# 2081

Delta R.T. -0.041 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

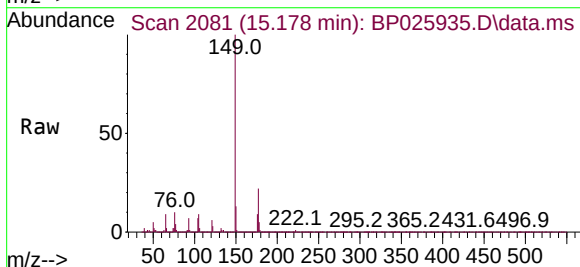
Tgt Ion:149 Resp: 1301605

Ion Ratio Lower Upper

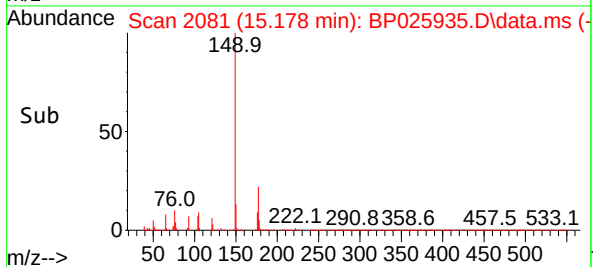
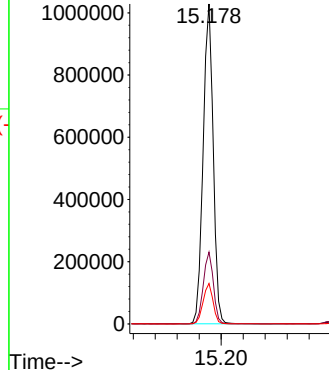
149 100

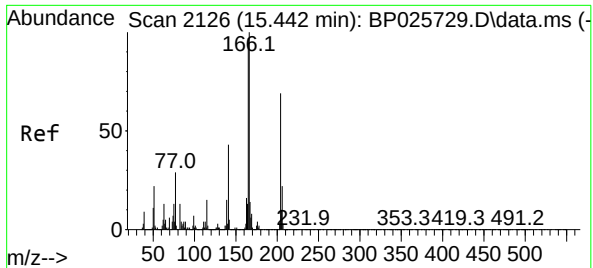
177 22.4 17.7 26.5

150 12.6 10.0 15.0



Abundance

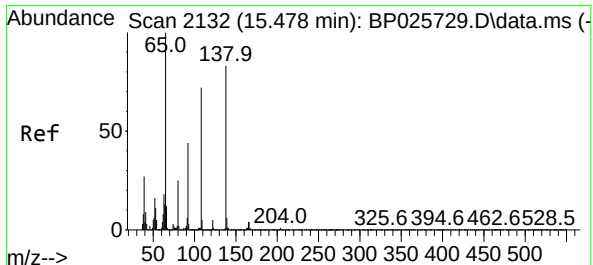
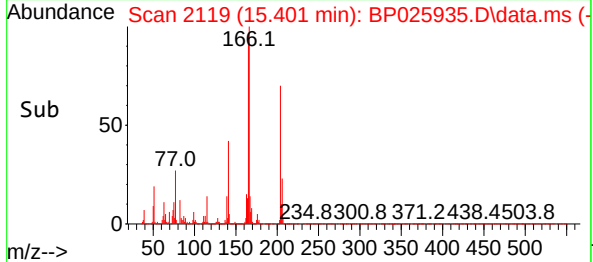
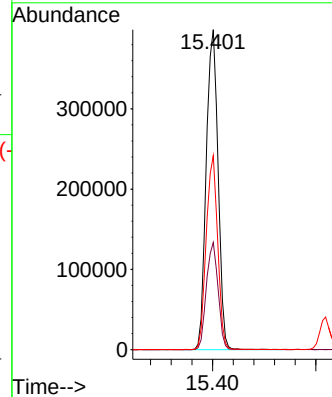
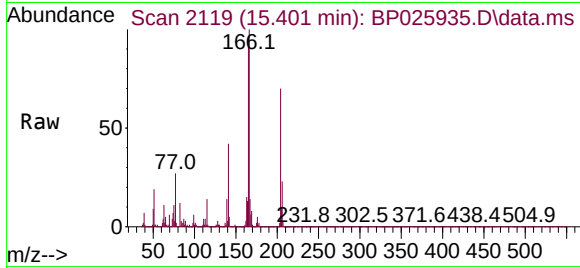




#61
4-Chlorophenyl-phenylether
Concen: 44.849 ng
RT: 15.401 min Scan# 2119
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

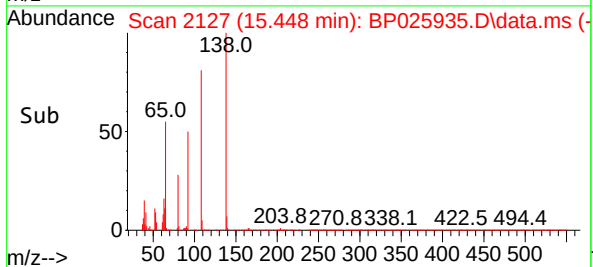
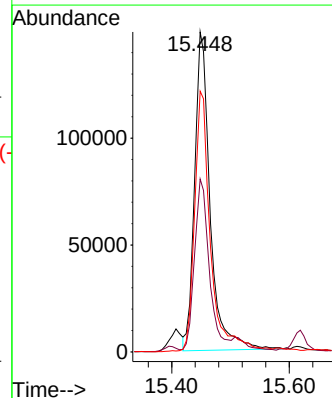
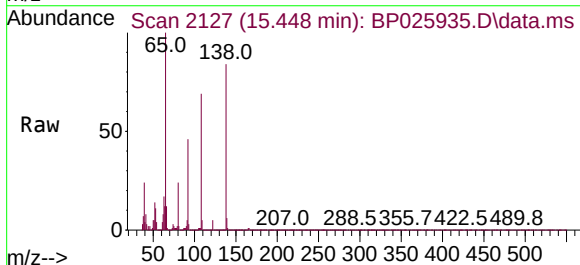
Instrument :
BNA_P
ClientSampleId :
72-11966MS

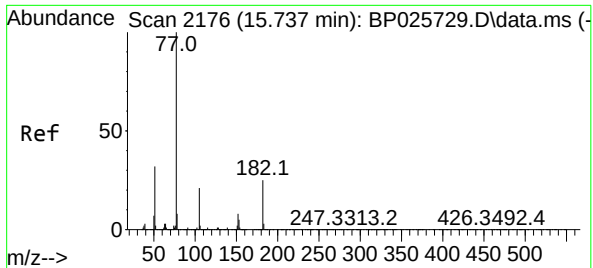
Tgt Ion:204 Resp: 632602
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 60.6 49.7 74.5



#62
4-Nitroaniline
Concen: 40.085 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:138 Resp: 273159
Ion Ratio Lower Upper
138 100
92 54.0 33.3 73.3
108 81.5 66.7 106.7

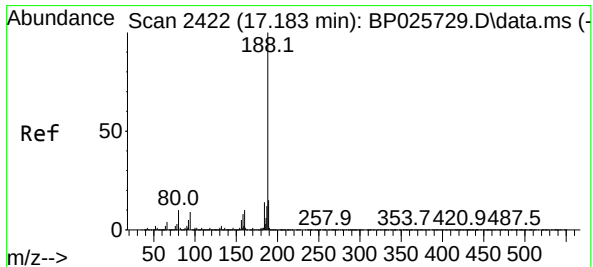
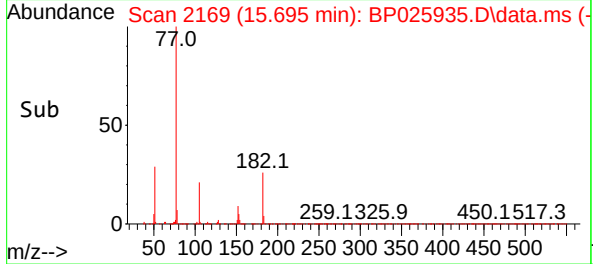
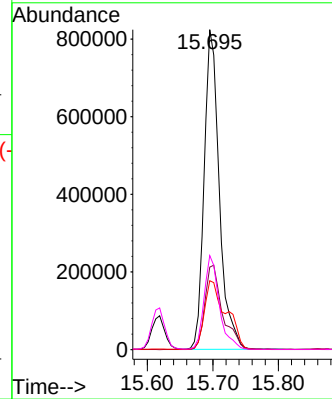
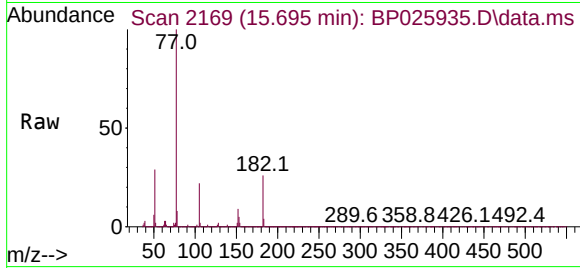




#63
Azobenzene
Concen: 44.937 ng
RT: 15.695 min Scan# 2176
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

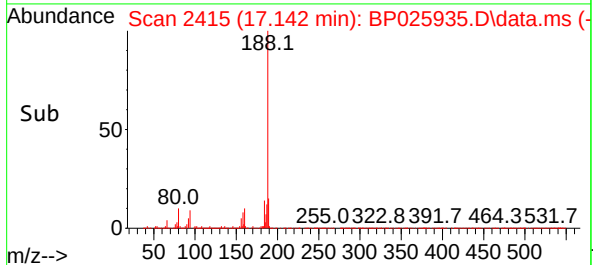
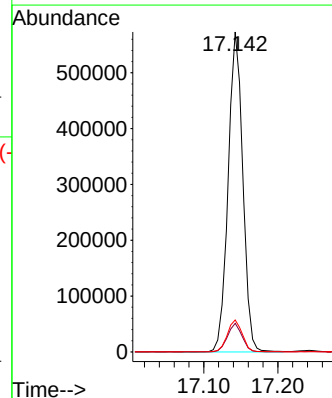
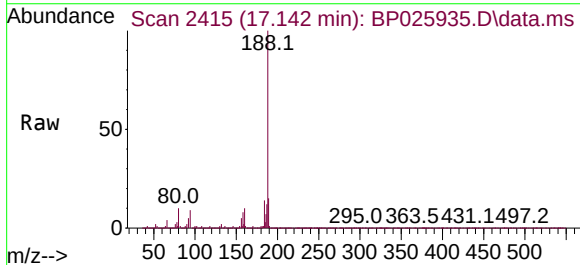
Instrument :
BNA_P
ClientSampleId :
72-11966MS

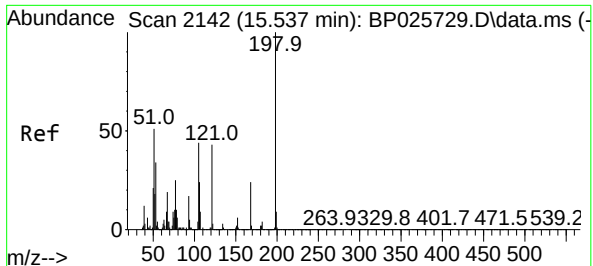
Tgt Ion: 77 Resp: 1315884
Ion Ratio Lower Upper
77 100
182 25.8 5.2 45.2
105 21.5 1.1 41.1
51 29.4 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.142 min Scan# 2415
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion: 188 Resp: 786547
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.0
80 10.0 7.7 11.5

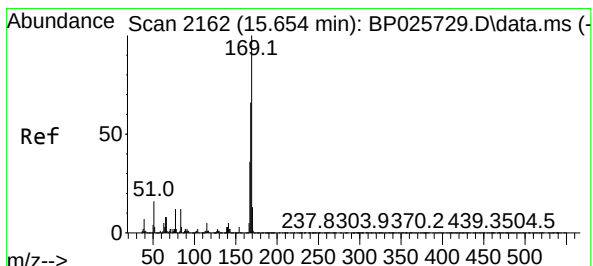
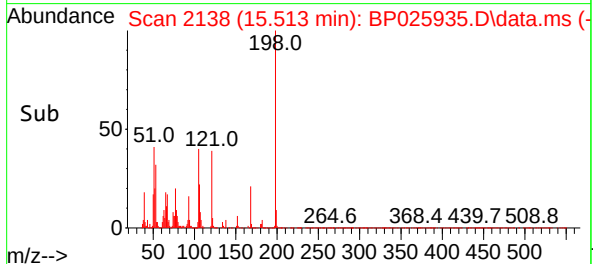
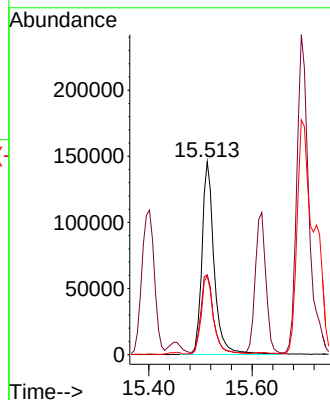
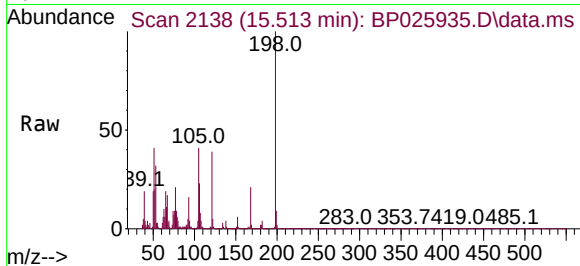




#65
4,6-Dinitro-2-methylphenol
Concen: 45.615 ng
RT: 15.513 min Scan# 2142
Delta R.T. -0.024 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

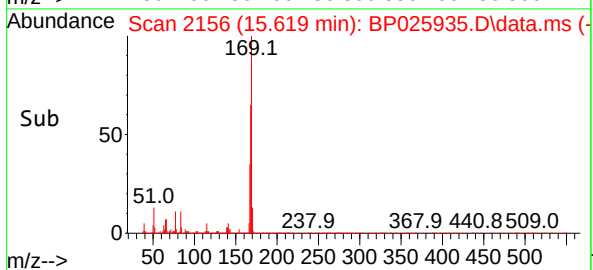
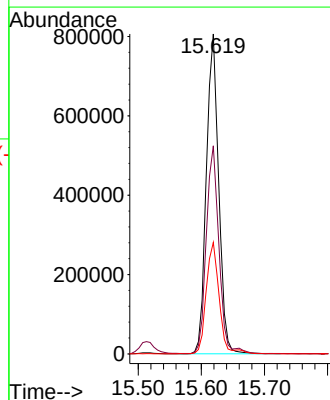
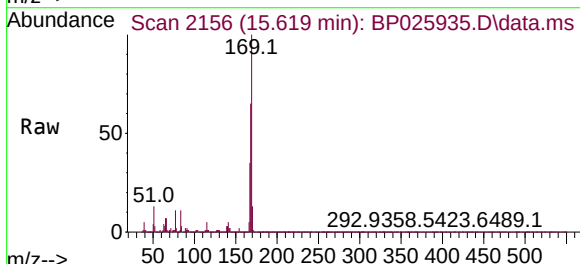
Instrument :
BNA_P
ClientSampleId :
72-11966MS

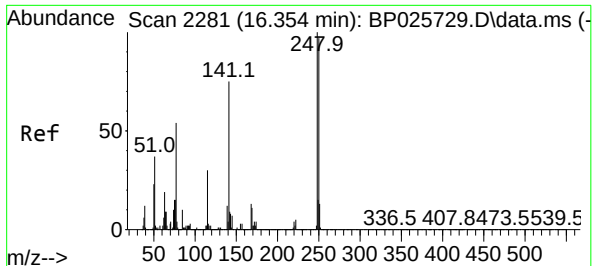
Tgt Ion	Ratio	Lower	Upper
198	100		
51	41.4	33.4	73.4
105	41.1	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 45.375 ng
RT: 15.619 min Scan# 2156
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.1	52.6	78.8
167	34.8	28.5	42.7

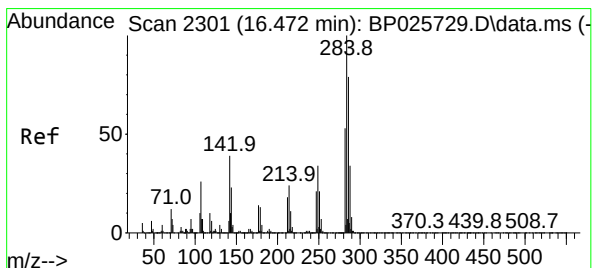
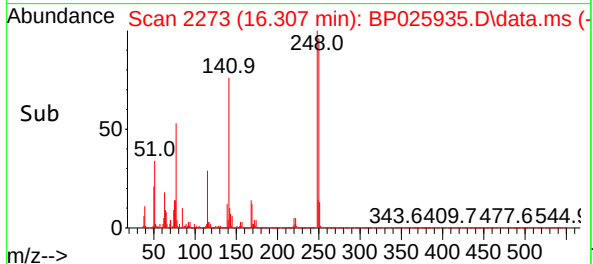
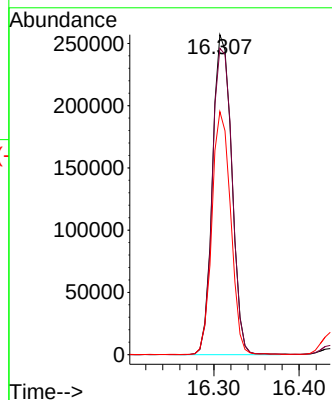
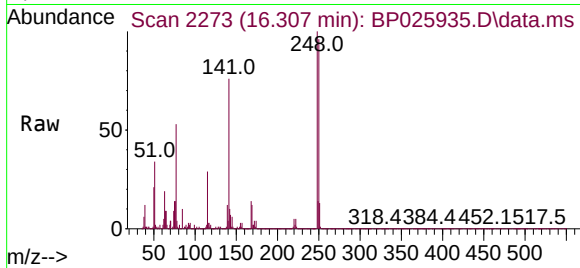




#67
4-Bromophenyl-phenylether
Concen: 46.550 ng
RT: 16.307 min Scan# 21
Delta R.T. -0.047 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

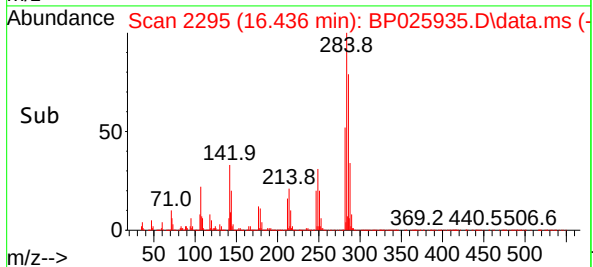
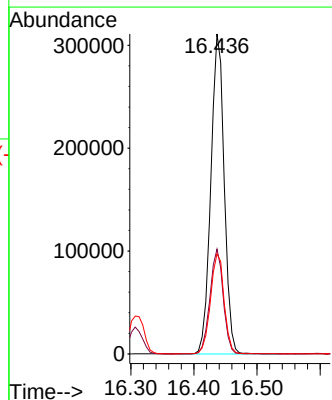
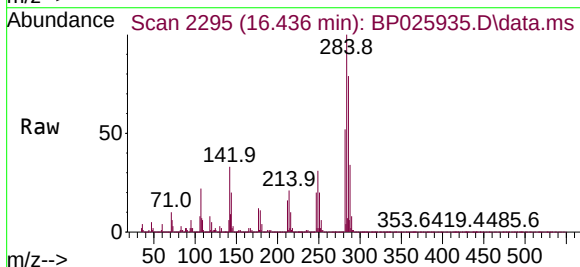
Instrument :
BNA_P
ClientSampleId :
72-11966MS

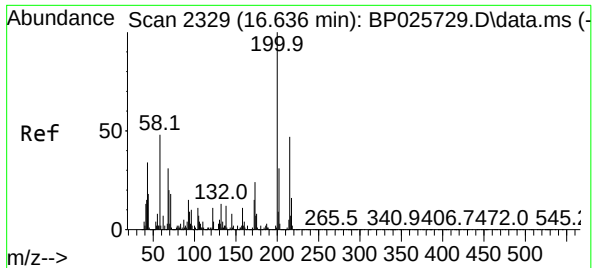
Tgt Ion:248 Resp: 402236
Ion Ratio Lower Upper
248 100
250 95.7 77.5 116.3
141 75.9 60.2 90.4



#68
Hexachlorobenzene
Concen: 47.468 ng
RT: 16.436 min Scan# 2295
Delta R.T. -0.035 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:284 Resp: 457405
Ion Ratio Lower Upper
284 100
142 32.7 31.3 46.9
249 31.3 27.3 40.9

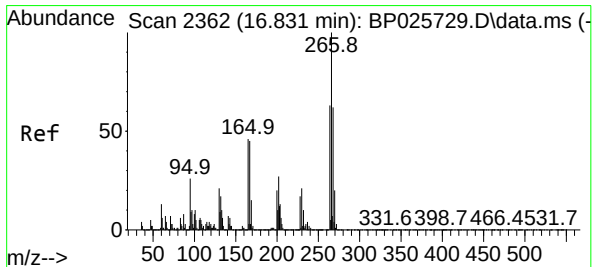
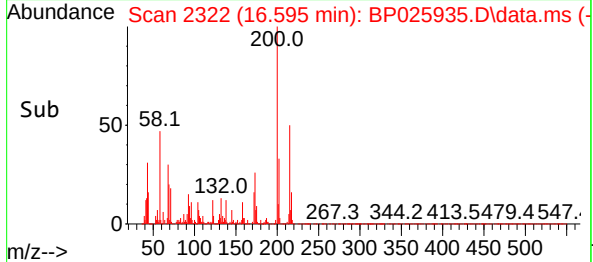
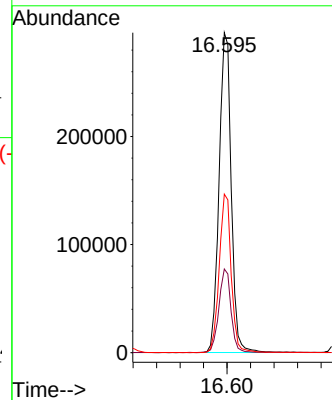
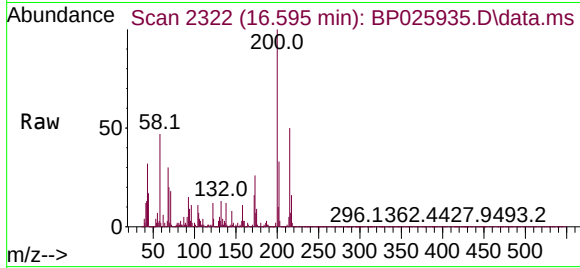




#69
Atrazine
Concen: 45.962 ng
RT: 16.595 min Scan# 2311
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

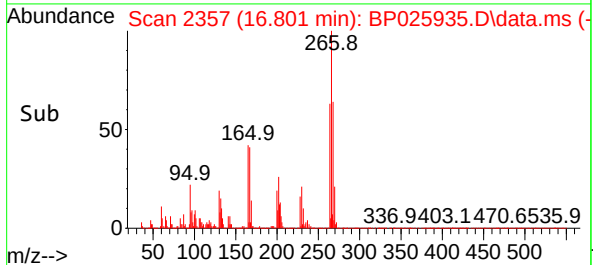
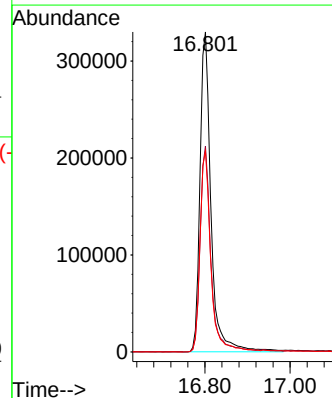
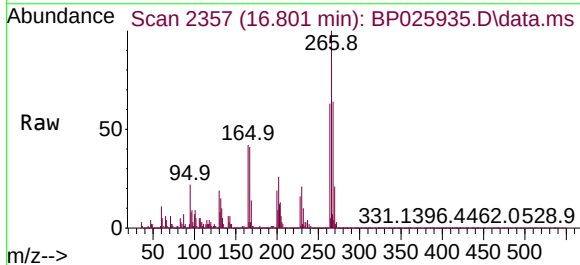
Instrument :
BNA_P
ClientSampleId :
72-11966MS

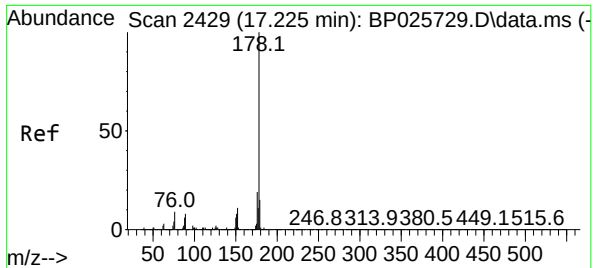
Tgt Ion:200 Resp: 422884
Ion Ratio Lower Upper
200 100
173 26.1 4.2 44.2
215 49.5 27.3 67.3



#70
Pentachlorophenol
Concen: 92.996 ng
RT: 16.801 min Scan# 2357
Delta R.T. -0.029 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:266 Resp: 591433
Ion Ratio Lower Upper
266 100
268 64.3 49.8 74.8
264 62.8 50.2 75.2

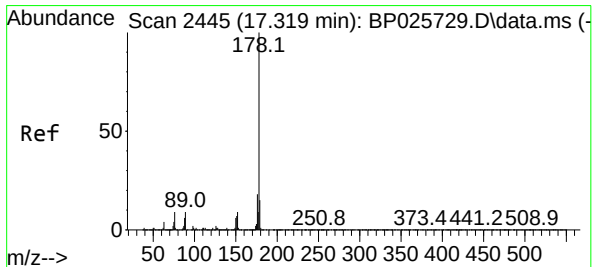
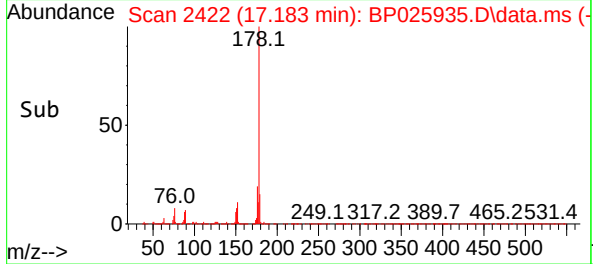
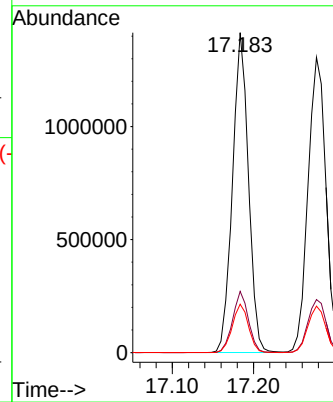
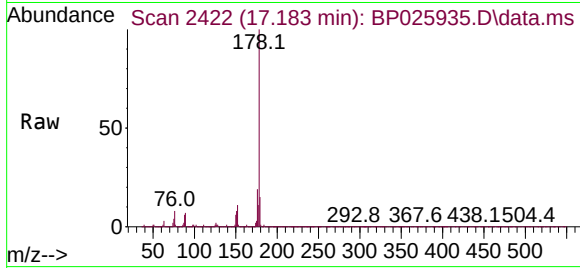




#71
Phenanthrene
Concen: 43.366 ng
RT: 17.183 min Scan# 2429
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

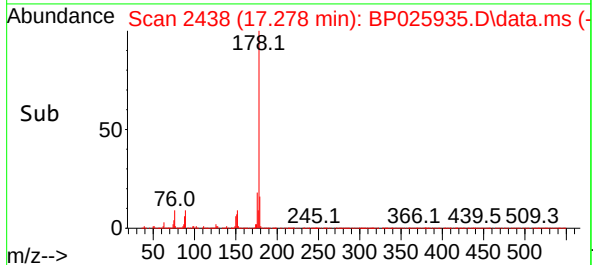
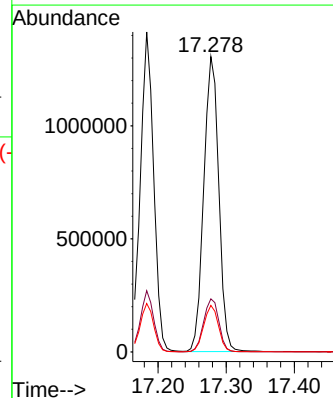
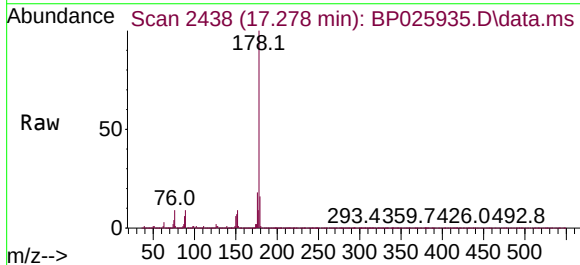
Instrument :
BNA_P
ClientSampleId :
72-11966MS

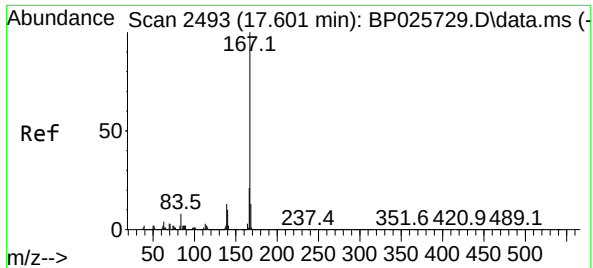
Tgt Ion:178 Resp: 1934871
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.1 12.2 18.4



#72
Anthracene
Concen: 44.246 ng
RT: 17.278 min Scan# 2438
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:178 Resp: 2003014
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.7 12.2 18.4

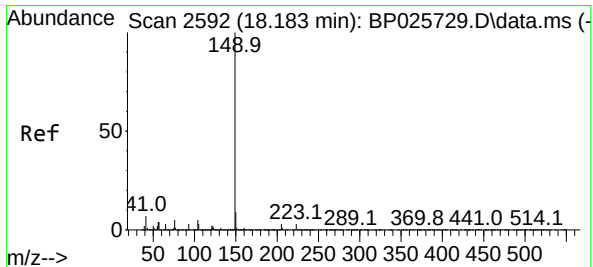
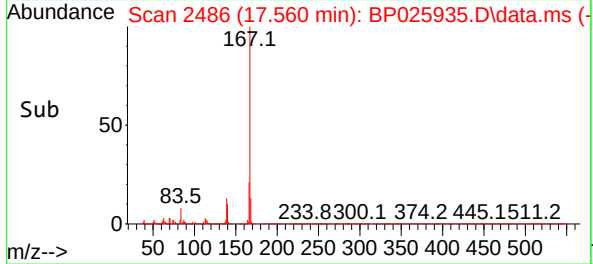
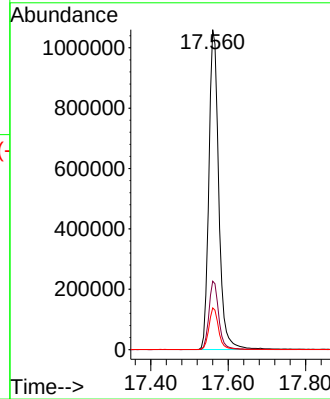
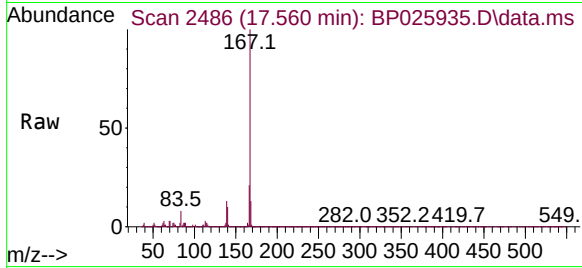




#73
 Carbazole
 Concen: 44.607 ng
 RT: 17.560 min Scan# 2493
 Delta R.T. -0.041 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

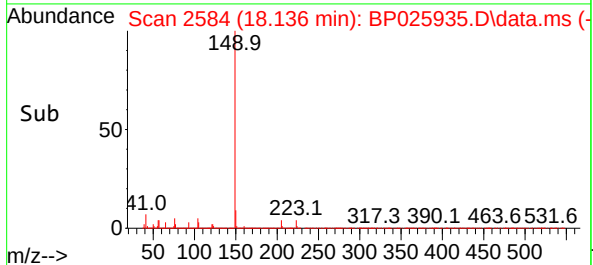
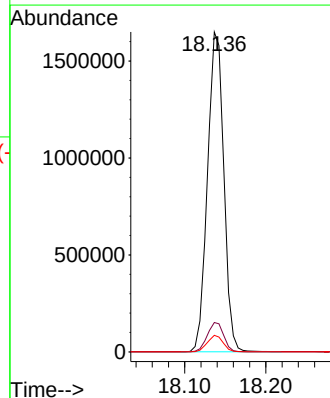
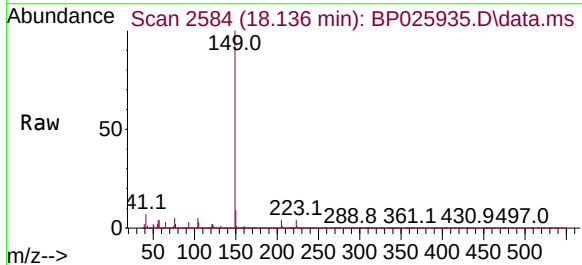
Instrument :
 BNA_P
 ClientSampleId :
 72-11966MS

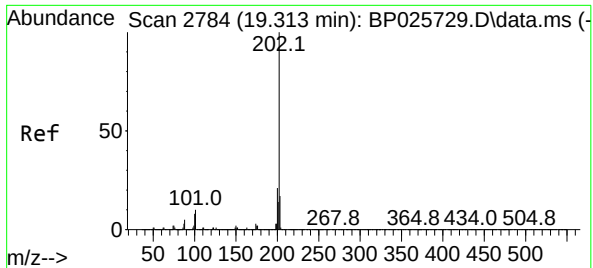
Tgt Ion:167 Resp: 1877411
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 13.0 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.714 ng
 RT: 18.136 min Scan# 2584
 Delta R.T. -0.047 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

Tgt Ion:149 Resp: 2309436
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.3 6.5

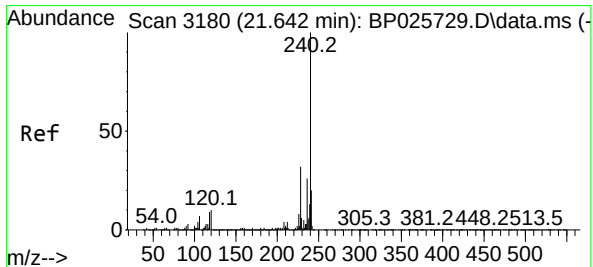
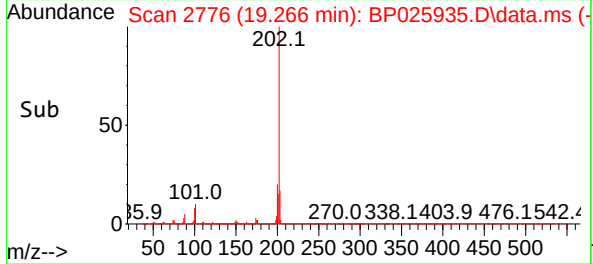
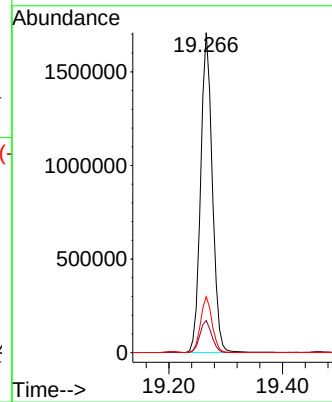
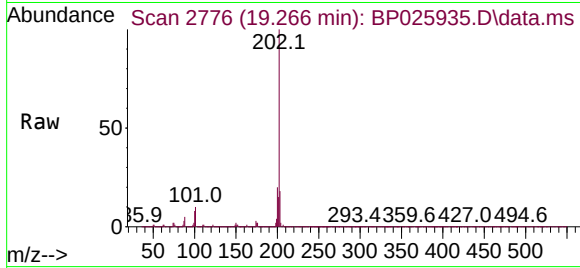




#75
Fluoranthene
Concen: 45.287 ng
RT: 19.266 min Scan# 21
Delta R.T. -0.047 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

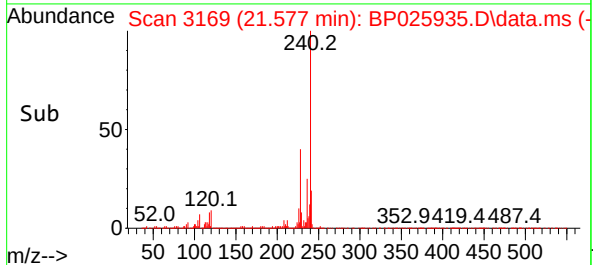
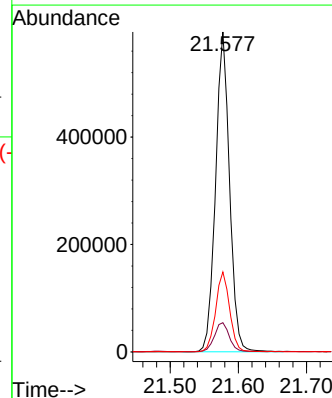
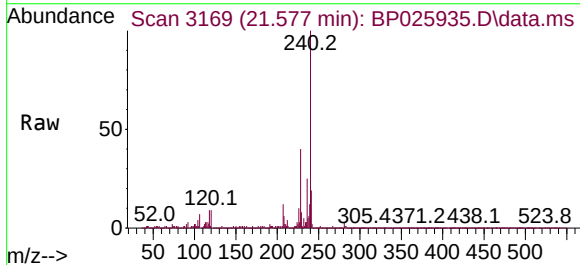
Instrument :
BNA_P
ClientSampleId :
72-11966MS

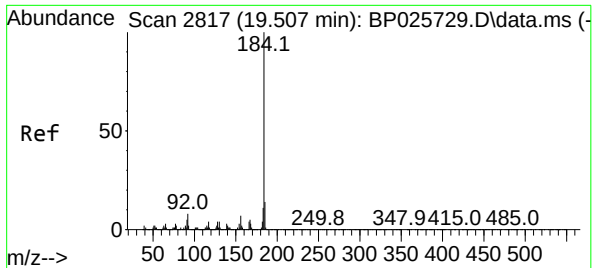
Tgt Ion:202 Resp: 2423361
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.4
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.065 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:240 Resp: 846364
Ion Ratio Lower Upper
240 100
120 9.1 8.0 12.0
236 25.0 20.7 31.1

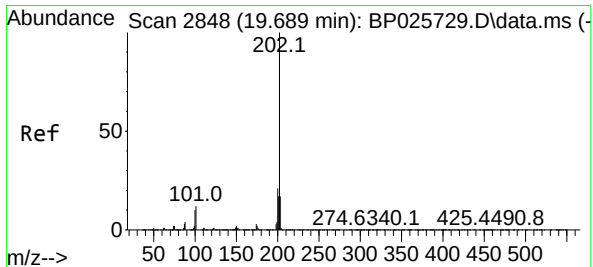
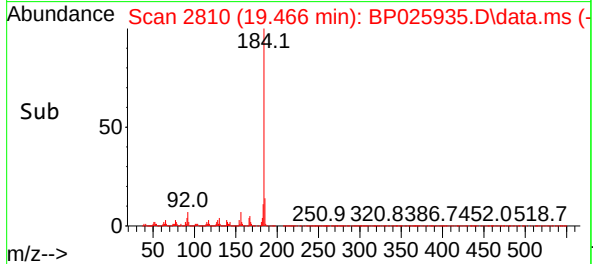
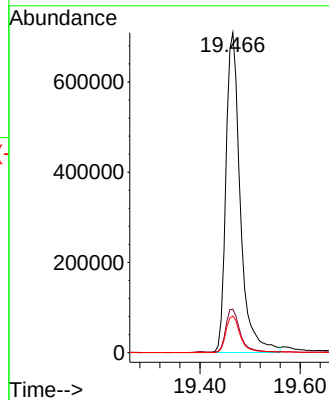
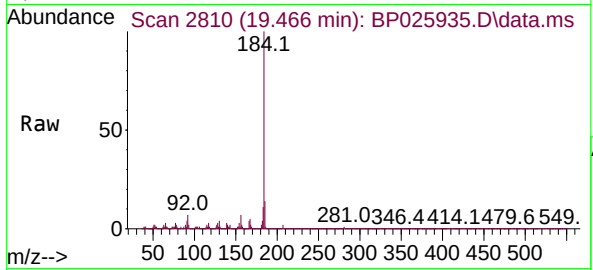




#77
Benzidine
Concen: 57.832 ng
RT: 19.466 min Scan# 2810
Delta R.T. -0.041 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

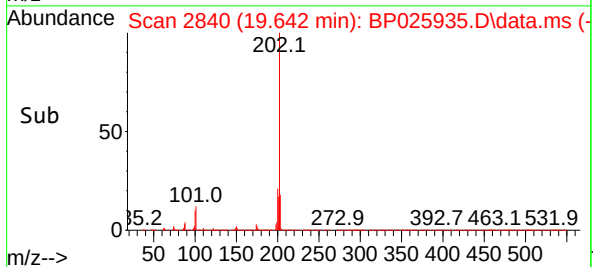
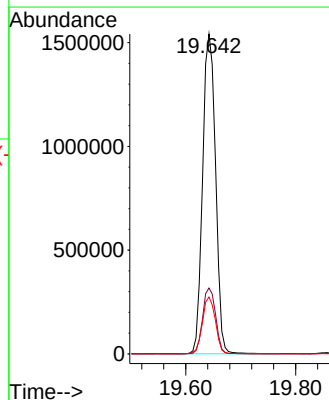
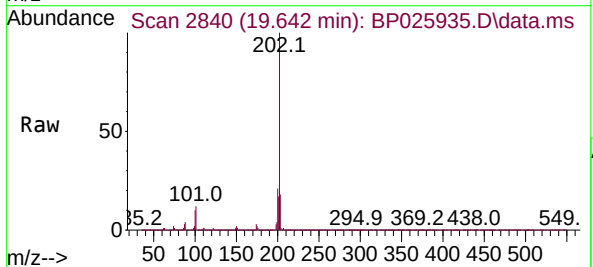
Instrument :
BNA_P
ClientSampleId :
72-11966MS

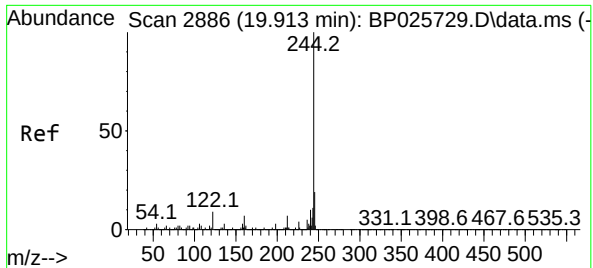
Tgt Ion:184 Resp: 1409932
Ion Ratio Lower Upper
184 100
185 13.6 11.5 17.3
183 11.4 9.2 13.8



#78
Pyrene
Concen: 44.600 ng
RT: 19.642 min Scan# 2840
Delta R.T. -0.047 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:202 Resp: 2518707
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 17.8 13.9 20.9

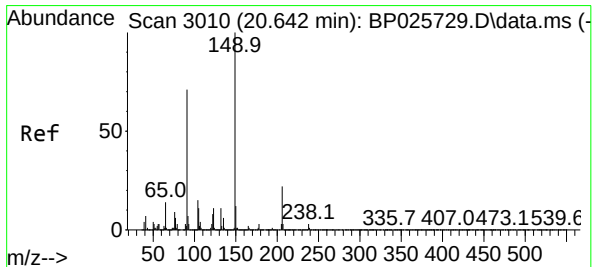
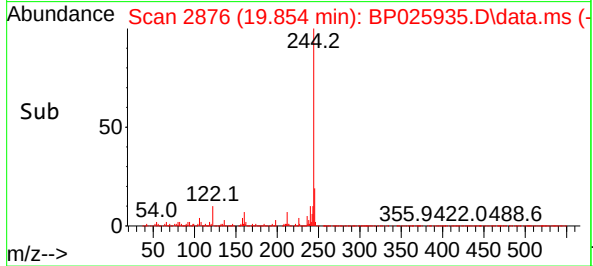
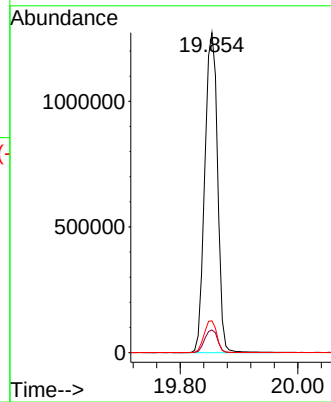
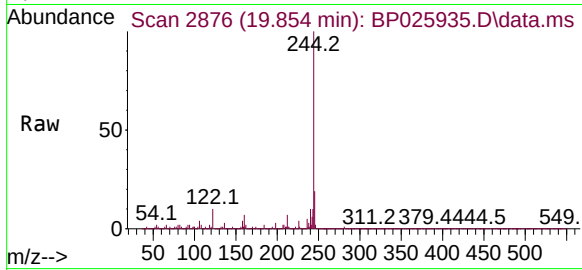




#79
 Terphenyl-d14
 Concen: 40.801 ng
 RT: 19.854 min Scan# 2886
 Delta R.T. -0.059 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

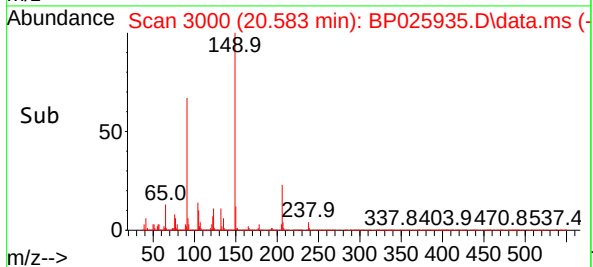
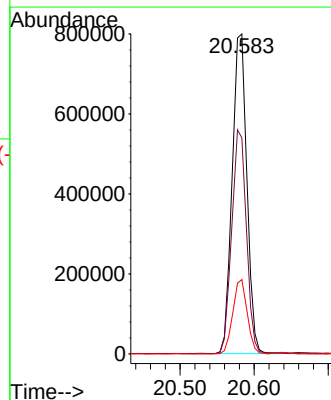
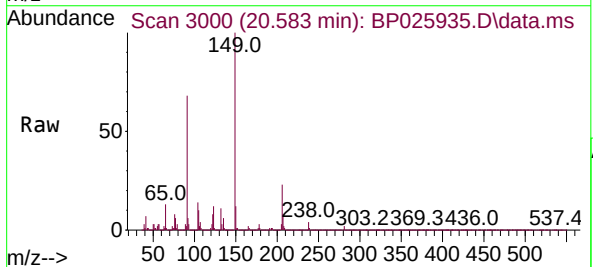
Instrument :
 BNA_P
 ClientSampleId :
 72-11966MS

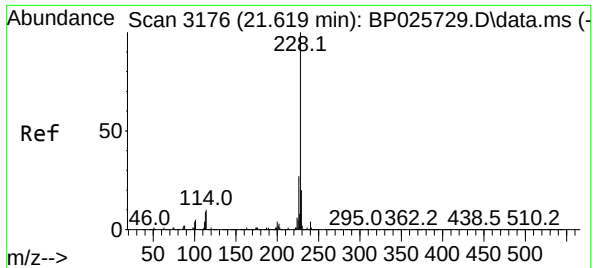
Tgt Ion:244 Resp: 1919534
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.9 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 44.556 ng
 RT: 20.583 min Scan# 3000
 Delta R.T. -0.059 min
 Lab File: BP025935.D
 Acq: 06 Oct 2025 23:10

Tgt Ion:149 Resp: 1103274
 Ion Ratio Lower Upper
 149 100
 91 67.5 56.6 85.0
 206 23.2 17.4 26.0

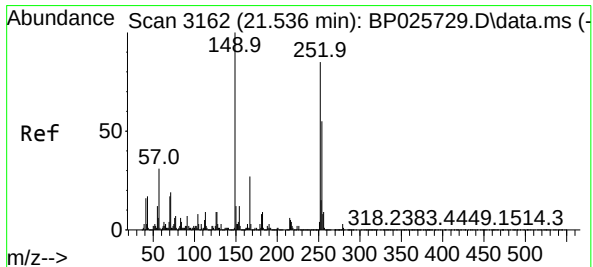
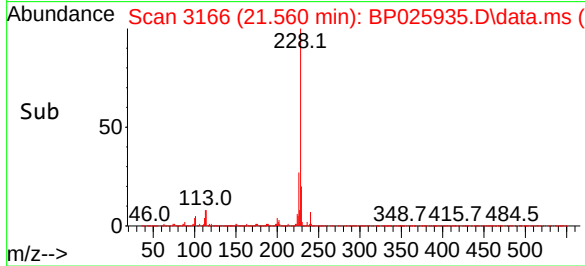
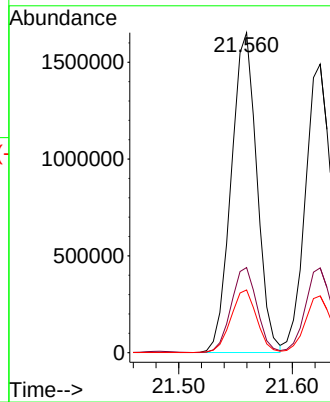
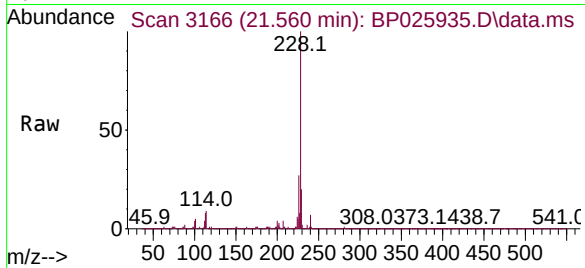




#81
Benzo(a)anthracene
Concen: 44.755 ng
RT: 21.560 min Scan# 3116
Delta R.T. -0.059 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

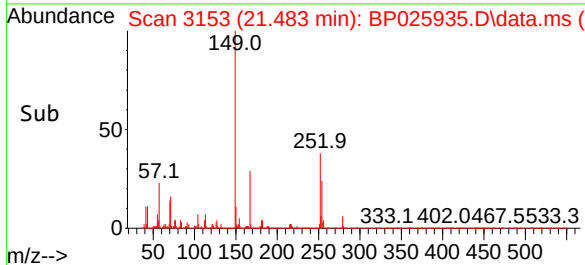
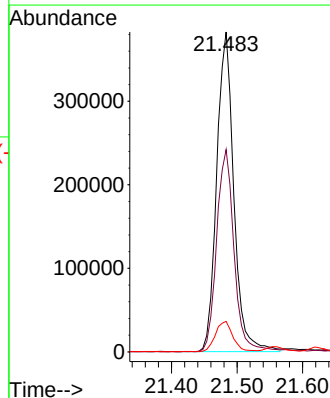
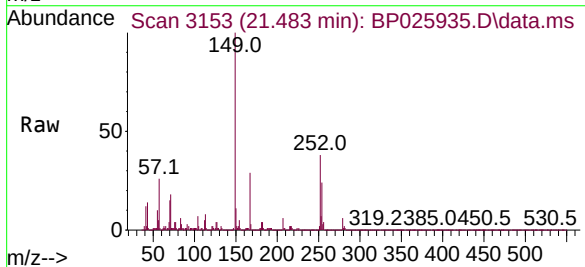
Instrument :
BNA_P
ClientSampleId :
72-11966MS

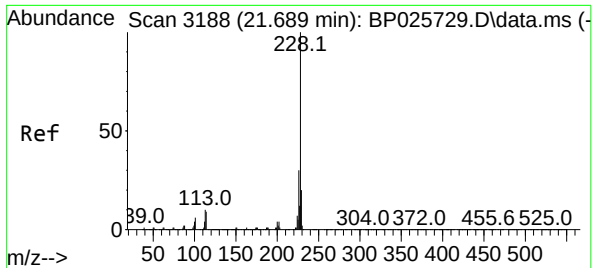
Tgt Ion:228 Resp: 2593230
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 34.692 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.053 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:252 Resp: 695064
Ion Ratio Lower Upper
252 100
254 63.2 51.4 77.0
126 9.5 8.3 12.5

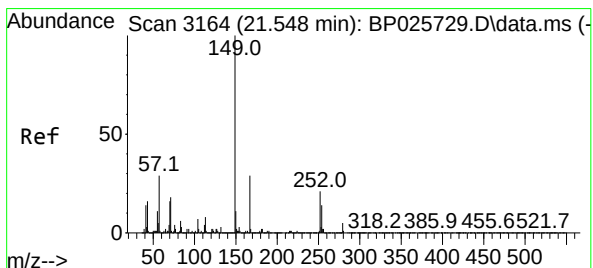
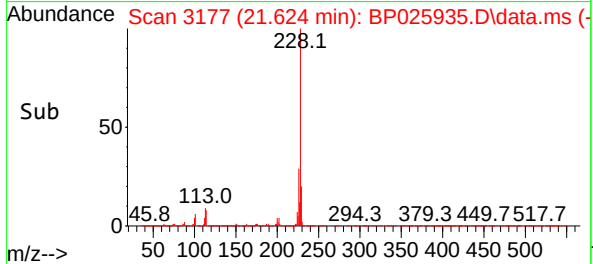
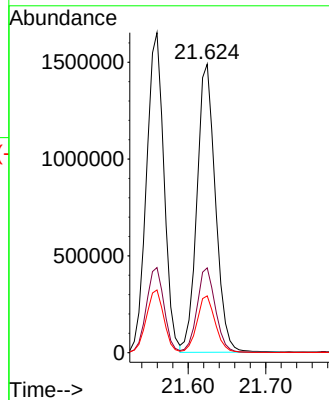
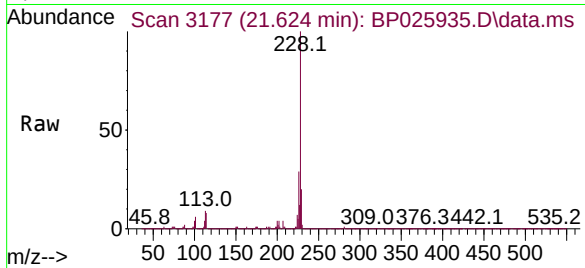




#83
Chrysene
Concen: 44.558 ng
RT: 21.624 min Scan# 311
Delta R.T. -0.065 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

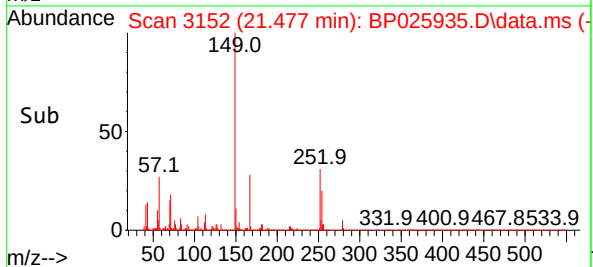
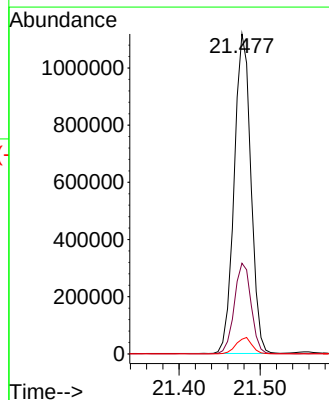
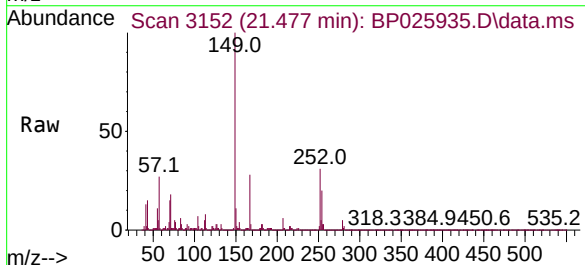
Instrument :
BNA_P
ClientSampleId :
72-11966MS

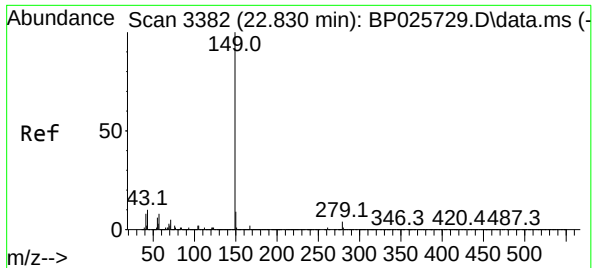
Tgt Ion:228 Resp: 2461133
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.6
229 19.6 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.172 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.071 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:149 Resp: 1600232
Ion Ratio Lower Upper
149 100
167 28.4 22.9 34.3
279 4.6 3.8 5.8

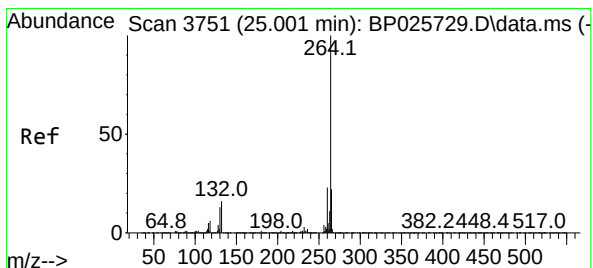
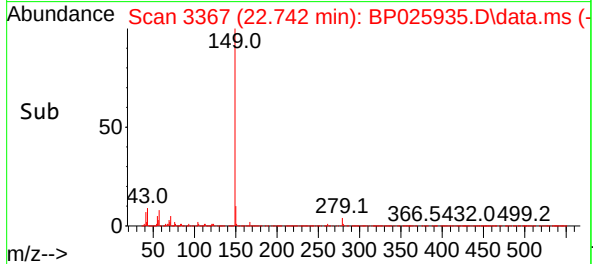
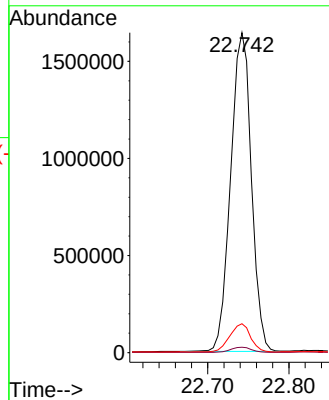
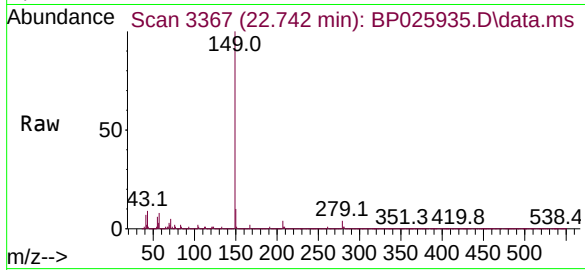




#85
Di-n-octyl phthalate
Concen: 45.175 ng
RT: 22.742 min Scan# 331
Delta R.T. -0.088 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

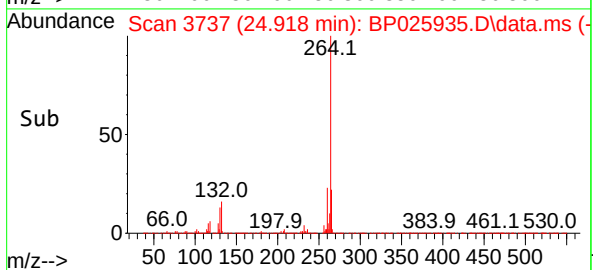
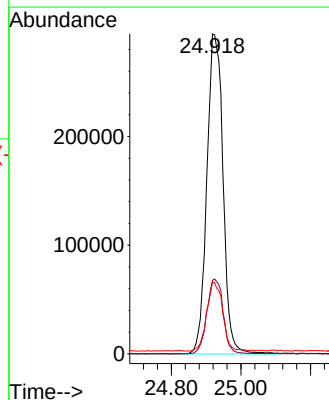
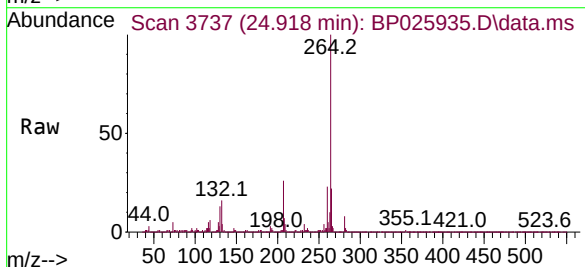
Instrument :
BNA_P
ClientSampleId :
72-11966MS

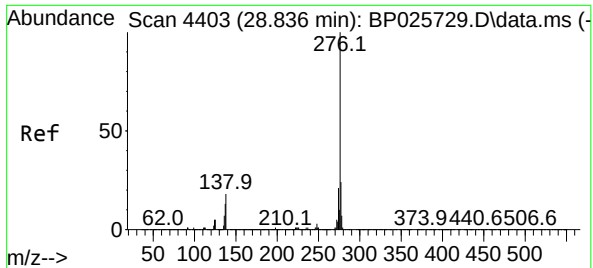
Tgt Ion:149 Resp: 2911110
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. -0.082 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:264 Resp: 950988
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 22.4 17.3 25.9

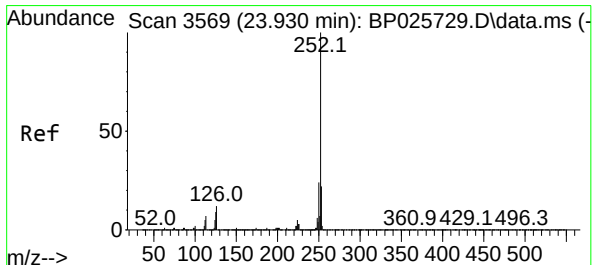
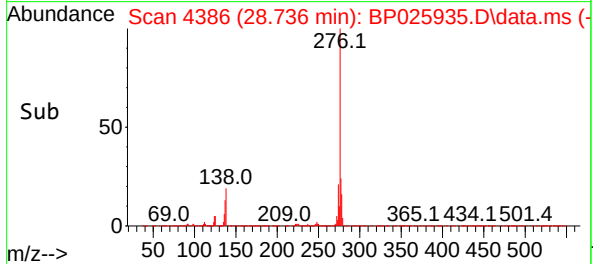
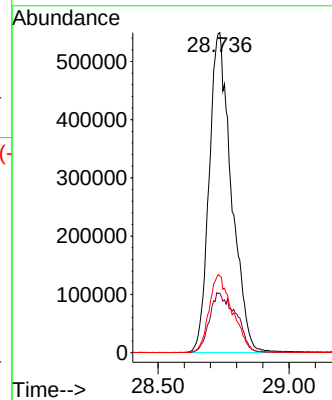
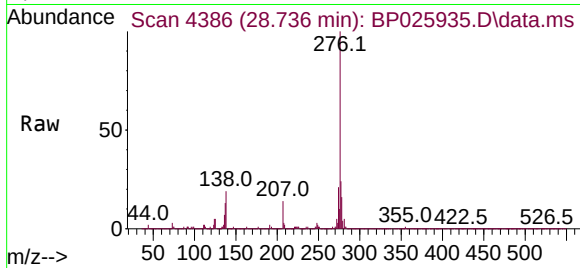




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.941 ng
RT: 28.736 min Scan# 4386
Delta R.T. -0.100 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

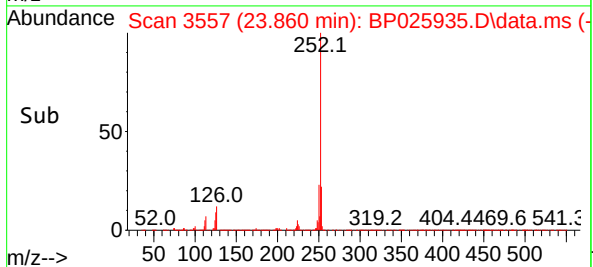
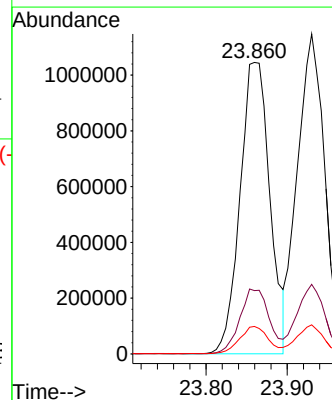
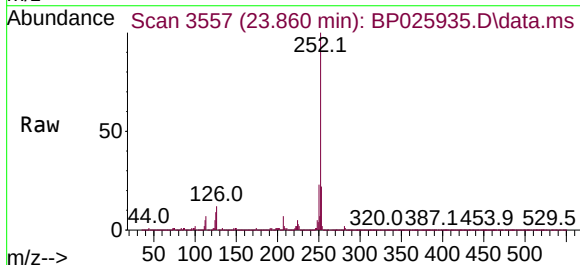
Instrument :
BNA_P
ClientSampleId :
72-11966MS

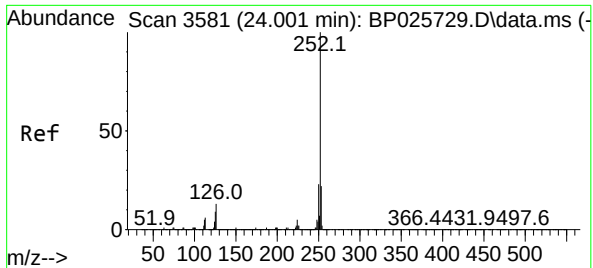
Tgt Ion:276 Resp: 3246353
Ion Ratio Lower Upper
276 100
138 22.1 13.4 20.2#
277 25.4 9.1 13.7#



#88
Benzo(b)fluoranthene
Concen: 45.967 ng
RT: 23.860 min Scan# 3557
Delta R.T. -0.071 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:252 Resp: 2673203
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.4 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 45.328 ng

RT: 23.930 min Scan# 31

Delta R.T. -0.071 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

Instrument :

BNA_P

ClientSampleId :

72-11966MS

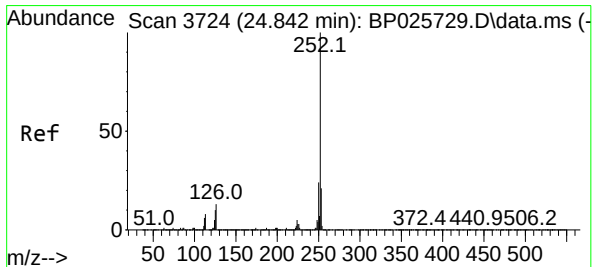
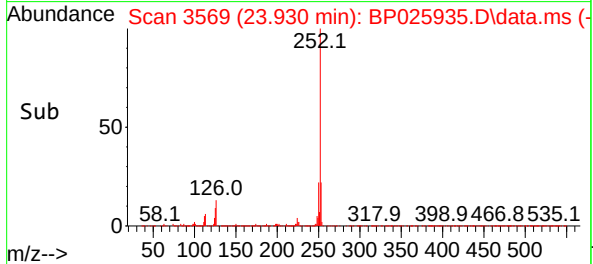
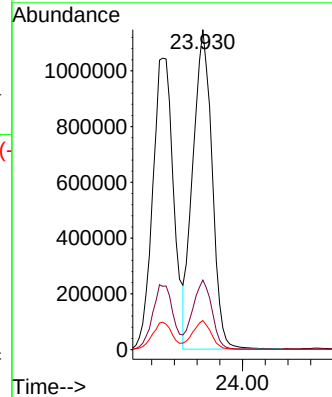
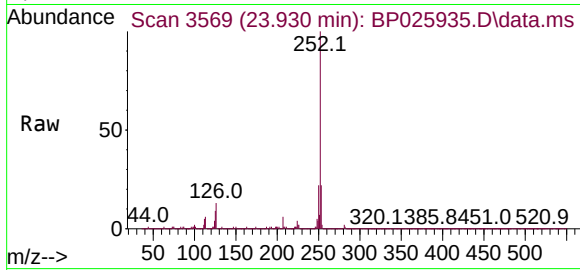
Tgt Ion:252 Resp: 2689926

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.204 ng

RT: 24.754 min Scan# 3709

Delta R.T. -0.088 min

Lab File: BP025935.D

Acq: 06 Oct 2025 23:10

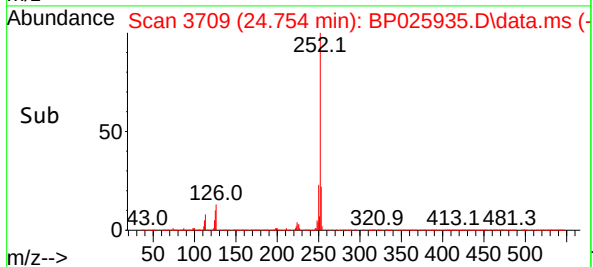
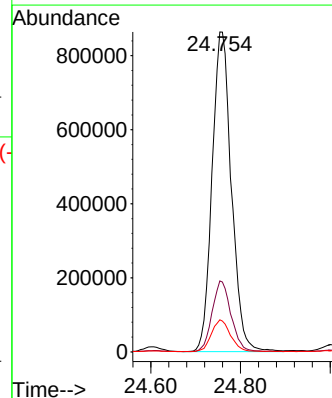
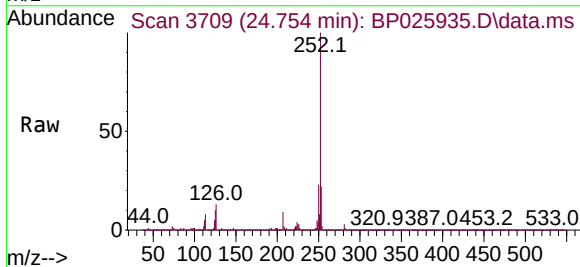
Tgt Ion:252 Resp: 2574389

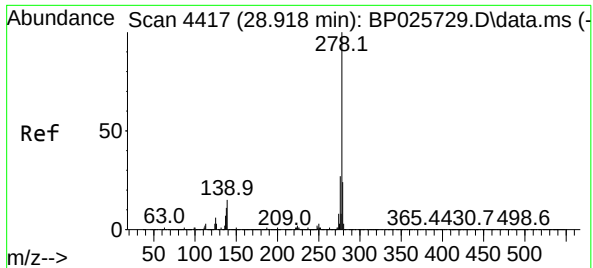
Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 10.1 8.3 12.5

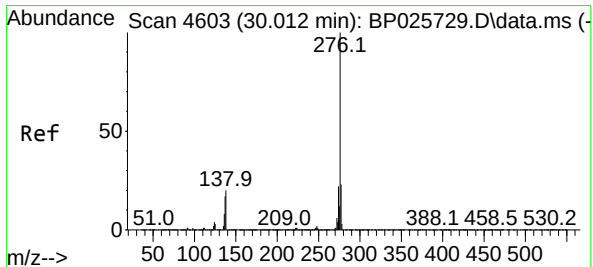
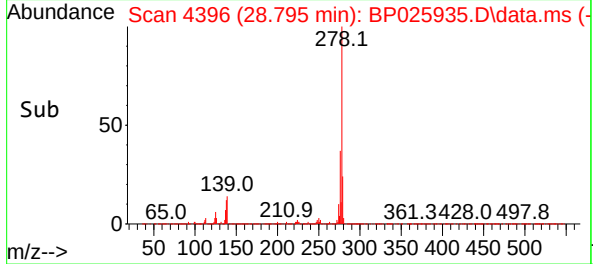
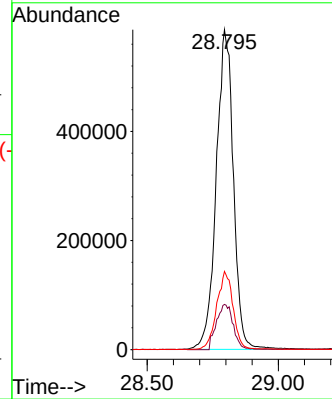
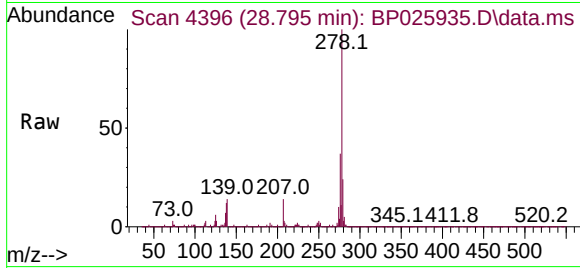




#91
Dibenzo(a,h)anthracene
Concen: 46.934 ng
RT: 28.795 min Scan# 4396
Delta R.T. -0.124 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

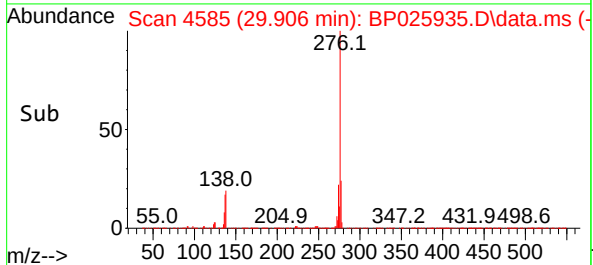
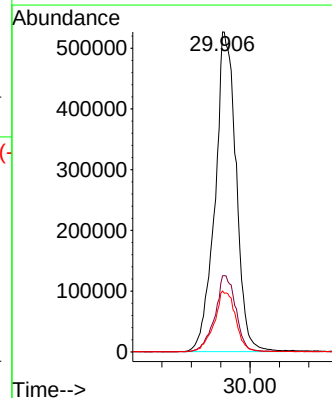
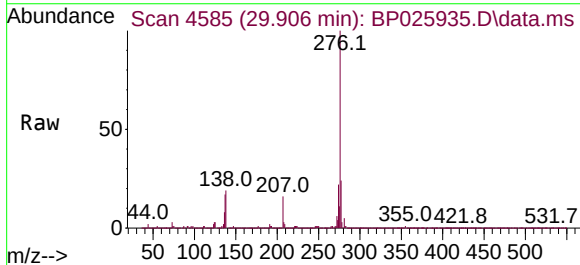
Instrument :
BNA_P
ClientSampleId :
72-11966MS

Tgt Ion:278 Resp: 2656174
Ion Ratio Lower Upper
278 100
139 14.1 12.1 18.1
279 24.4 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 47.123 ng
RT: 29.906 min Scan# 4585
Delta R.T. -0.106 min
Lab File: BP025935.D
Acq: 06 Oct 2025 23:10

Tgt Ion:276 Resp: 2622677
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 19.0 16.0 24.0



Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143865.D	1	10/02/25 10:00	10/02/25 20:07	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2200		390	820	ug/Kg
108-95-2	Phenol	3700		55.0	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3500		60.5	420	ug/Kg
95-57-8	2-Chlorophenol	3600		60.8	420	ug/Kg
95-48-7	2-Methylphenol	3700		74.4	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3000		93.4	420	ug/Kg
98-86-2	Acetophenone	3900		73.5	420	ug/Kg
65794-96-9	3+4-Methylphenols	3600		100	820	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	3600		120	200	ug/Kg
67-72-1	Hexachloroethane	3600		43.8	420	ug/Kg
98-95-3	Nitrobenzene	3700		45.6	420	ug/Kg
78-59-1	Isophorone	3800		81.7	420	ug/Kg
88-75-5	2-Nitrophenol	4300		140	420	ug/Kg
105-67-9	2,4-Dimethylphenol	4000		160	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3500		76.7	420	ug/Kg
120-83-2	2,4-Dichlorophenol	3800		70.5	420	ug/Kg
91-20-3	Naphthalene	3500		56.5	420	ug/Kg
106-47-8	4-Chloroaniline	1300		88.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	3700		63.0	420	ug/Kg
105-60-2	Caprolactam	4600		130	820	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4000		71.5	420	ug/Kg
91-57-6	2-Methylnaphthalene	3400		63.7	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	8300	E	290	820	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3900		49.3	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3800		72.5	420	ug/Kg
92-52-4	1,1-Biphenyl	3800		54.3	420	ug/Kg
91-58-7	2-Chloronaphthalene	3400		56.0	420	ug/Kg
88-74-4	2-Nitroaniline	4400		120	420	ug/Kg
131-11-3	Dimethylphthalate	3900		67.5	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143865.D	1	10/02/25 10:00	10/02/25 20:07	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	4100		72.0	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	5000		83.7	420	ug/Kg
99-09-2	3-Nitroaniline	2500		110	420	ug/Kg
83-32-9	Acenaphthene	3800		53.0	420	ug/Kg
51-28-5	2,4-Dinitrophenol	8300	E	570	820	ug/Kg
100-02-7	4-Nitrophenol	7800	E	270	820	ug/Kg
132-64-9	Dibenzofuran	3600		56.5	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	4500		120	420	ug/Kg
84-66-2	Diethylphthalate	3900		70.5	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3700		66.5	420	ug/Kg
86-73-7	Fluorene	3700		63.0	420	ug/Kg
100-01-6	4-Nitroaniline	4400		160	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4800		260	820	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3600		81.9	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3500		69.2	420	ug/Kg
118-74-1	Hexachlorobenzene	3100		63.0	420	ug/Kg
1912-24-9	Atrazine	4100		84.7	420	ug/Kg
87-86-5	Pentachlorophenol	6900	E	130	820	ug/Kg
85-01-8	Phenanthrene	3600		52.0	420	ug/Kg
120-12-7	Anthracene	3600		82.9	420	ug/Kg
86-74-8	Carbazole	3600		77.7	420	ug/Kg
84-74-2	Di-n-butylphthalate	3800		120	420	ug/Kg
206-44-0	Fluoranthene	3500		74.7	420	ug/Kg
129-00-0	Pyrene	4700		89.6	420	ug/Kg
85-68-7	Butylbenzylphthalate	5000		180	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		91.4	820	ug/Kg
56-55-3	Benzo(a)anthracene	3800		57.3	420	ug/Kg
218-01-9	Chrysene	4000		49.5	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4000		150	420	ug/Kg
117-84-0	Di-n-octyl phthalate	3700		220	820	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000		47.3	420	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMSD	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	80.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143865.D	1	10/02/25 10:00	10/02/25 20:07	PB169953

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	3500		55.8	420	ug/Kg
50-32-8	Benzo(a)pyrene	4000		73.5	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3700		72.5	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3600		68.2	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3900		64.0	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3800		63.7	420	ug/Kg
123-91-1	1,4-Dioxane	3100		110	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4300		68.2	420	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	153		18 - 112	102%	SPK: 150
13127-88-3	Phenol-d6	159		15 - 107	106%	SPK: 150
4165-60-0	Nitrobenzene-d5	112	*	18 - 107	112%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.1		20 - 109	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	99.1		10 - 116	66%	SPK: 150
1718-51-0	Terphenyl-d14	127	*	10 - 105	127%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	132000		6.886		
1146-65-2	Naphthalene-d8	498000		8.169		
15067-26-2	Acenaphthene-d10	264000		9.927		
1517-22-2	Phenanthrene-d10	437000		11.41		
1719-03-5	Chrysene-d12	345000		14.057		
1520-96-3	Perylene-d12	467000		15.533		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143865.D
 Acq On : 02 Oct 2025 20:07
 Operator : RC/JU
 Sample : Q3266-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-3-6FTMSD

Quant Time: Oct 03 01:28:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	132113	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	498372	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	264381	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	436632	20.000	ng	0.00
76) Chrysene-d12	14.057	240	345011	20.000	ng	0.00
86) Perylene-d12	15.533	264	467433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	620126	76.262	ng	0.00
7) Phenol-d6	6.504	99	747806	79.592	ng	0.00
23) Nitrobenzene-d5	7.445	82	455997	56.007	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	193892	49.531	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	805920	47.569	ng	0.00
79) Terphenyl-d14	12.998	244	1076320	63.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	147267	37.838	ng	90
3) Pyridine	3.475	79	396343	37.725	ng	85
4) n-Nitrosodimethylamine	3.422	42	207038	39.302	ng	86
6) Aniline	6.545	93	393915	28.887	ng	100
8) 2-Chlorophenol	6.669	128	363514	43.668	ng	97
9) Benzaldehyde	6.434	77	216417	26.303	ng	98
10) Phenol	6.522	94	483331	44.258	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	360011	42.054	ng	97
12) 1,3-Dichlorobenzene	6.828	146	412600	42.689	ng	98
13) 1,4-Dichlorobenzene	6.904	146	417520	43.286	ng	99
14) 1,2-Dichlorobenzene	7.057	146	402266	44.033	ng	99
15) Benzyl Alcohol	7.022	79	327998	48.314	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	734032	36.161	ng	95
17) 2-Methylphenol	7.134	107	289359	44.898	ng	100
18) Hexachloroethane	7.398	117	145445	42.877	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	262459	43.441	ng	89
20) 3+4-Methylphenols	7.286	107	341307	43.487	ng	# 77
22) Acetophenone	7.292	105	511367	46.717	ng	94
24) Nitrobenzene	7.463	77	403311	44.690	ng	98
25) Isophorone	7.704	82	726249	45.775	ng	99
26) 2-Nitrophenol	7.781	139	192067	51.623	ng	95
27) 2,4-Dimethylphenol	7.816	122	342762	48.335	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	440881	42.771	ng	98
29) 2,4-Dichlorophenol	8.022	162	318390	45.630	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	329632	45.521	ng	98
31) Naphthalene	8.192	128	1014845	42.537	ng	100
32) Benzoic acid	7.928	122	241347	70.540	ng	96
33) 4-Chloroaniline	8.233	127	127248	15.177	ng	97
34) Hexachlorobutadiene	8.304	225	239462	44.360	ng	99
35) Caprolactam	8.604	113	98305	55.119	ng	# 79
36) 4-Chloro-3-methylphenol	8.716	107	314805	48.105	ng	100
37) 2-Methylnaphthalene	8.880	142	624027	41.020	ng	99
38) 1-Methylnaphthalene	8.980	142	623542	42.822	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	365001	45.748	ng	99
41) Hexachlorocyclopentadiene	9.033	237	506103	100.088	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	234428	46.924	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143865.D
 Acq On : 02 Oct 2025 20:07
 Operator : RC/JU
 Sample : Q3266-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-3-6FTMSD

Quant Time: Oct 03 01:28:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

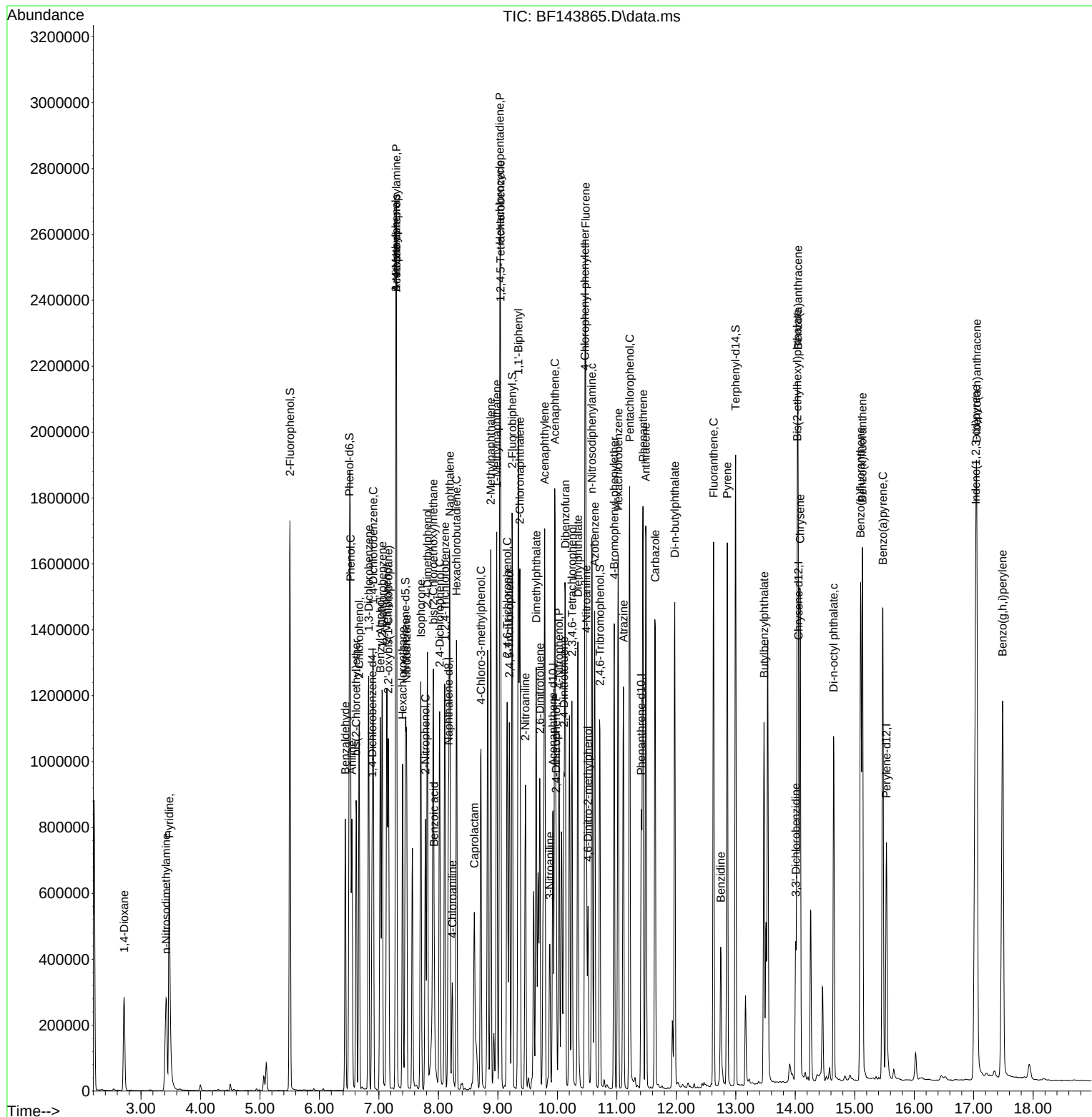
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	241280	46.173	ng	100
46) 1,1'-Biphenyl	9.345	154	877857	45.870	ng	100
47) 2-Chloronaphthalene	9.369	162	640207	41.558	ng	100
48) 2-Nitroaniline	9.463	65	244664	52.549	ng	98
49) Acenaphthylene	9.786	152	1038980	48.992	ng	100
50) Dimethylphthalate	9.645	163	757119	46.985	ng	100
51) 2,6-Dinitrotoluene	9.704	165	159530	60.256	ng	96
52) Acenaphthene	9.957	154	642646	46.049	ng	99
53) 3-Nitroaniline	9.875	138	94917	29.577	ng	96
54) 2,4-Dinitrophenol	9.980	184	130560	99.763	ng	# 18
55) Dibenzofuran	10.133	168	858670	43.511	ng	100
56) 4-Nitrophenol	10.027	139	242587	93.807	ng	95
57) 2,4-Dinitrotoluene	10.110	165	213806	54.018	ng	95
58) Fluorene	10.475	166	653647	44.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	233271	52.109	ng	100
60) Diethylphthalate	10.345	149	713871	47.326	ng	99
61) 4-Chlorophenyl-phenylether	10.463	204	330901	44.265	ng	99
62) 4-Nitroaniline	10.486	138	161005	53.358	ng	98
63) Azobenzene	10.627	77	755872	47.547	ng	93
65) 4,6-Dinitro-2-methylphthalate	10.516	198	98642	58.139	ng	82
66) n-Nitrosodiphenylamine	10.580	169	630722	43.924	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	316391	42.520	ng	99
68) Hexachlorobenzene	11.022	284	377883	36.851	ng	93
69) Atrazine	11.110	200	204168	49.100	ng	98
70) Pentachlorophenol	11.216	266	425268	83.314	ng	99
71) Phenanthrene	11.439	178	963551	42.984	ng	100
72) Anthracene	11.486	178	987531	43.918	ng	99
73) Carbazole	11.645	167	856354	43.559	ng	100
74) Di-n-butylphthalate	11.974	149	1044247	46.185	ng	100
75) Fluoranthene	12.627	202	958716	42.523	ng	99
77) Benzidine	12.745	184	258779	30.781	ng	99
78) Pyrene	12.857	202	966574	56.984	ng	99
80) Butylbenzylphthalate	13.474	149	352636	60.090	ng	96
81) Benzo(a)anthracene	14.045	228	845318	45.607	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	164787	20.522	ng	99
83) Chrysene	14.080	228	809937	48.293	ng	99
84) Bis(2-ethylhexyl)phthalate	14.033	149	414506	48.188	ng	98
85) Di-n-octyl phthalate	14.645	149	695292	44.561	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.033	276	1591120	44.863	ng	98
88) Benzo(b)fluoranthene	15.098	252	1157629	48.632	ng	99
89) Benzo(k)fluoranthene	15.127	252	1009802	42.225	ng	99
90) Benzo(a)pyrene	15.474	252	1087757	48.614	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1272126	43.854	ng	99
92) Benzo(g,h,i)perylene	17.486	276	1301075	46.529	ng	99

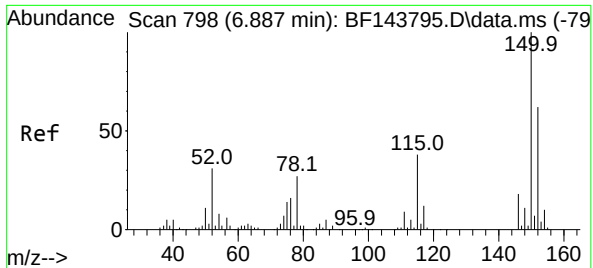
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Acq On    : 02 Oct 2025   20:07  
Operator  : RC/JU  
Sample    : Q3266-01MSD  
Misc      :  
ALS Vial  : 14    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

Quant Time: Oct 03 01:28:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

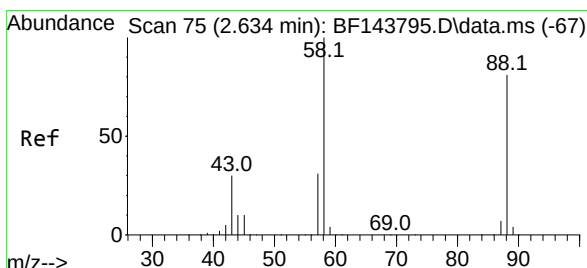
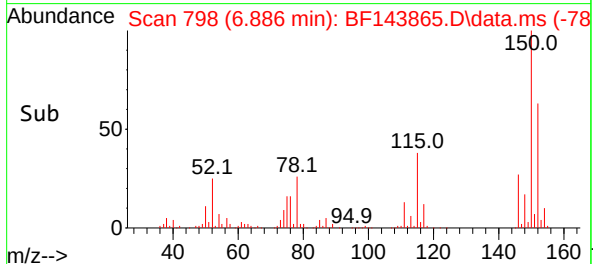
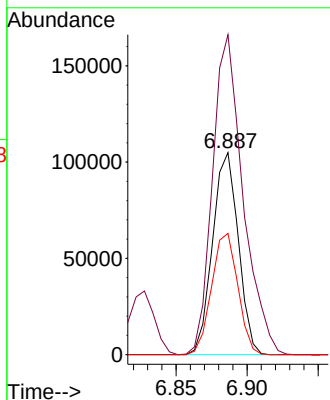
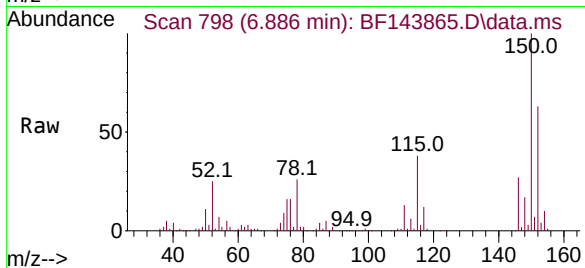




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

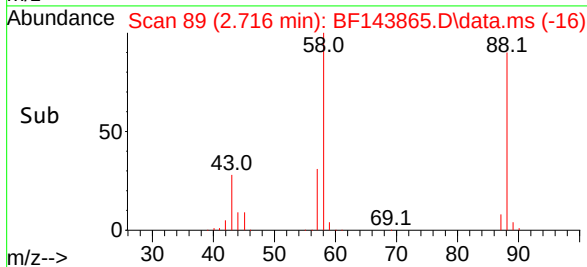
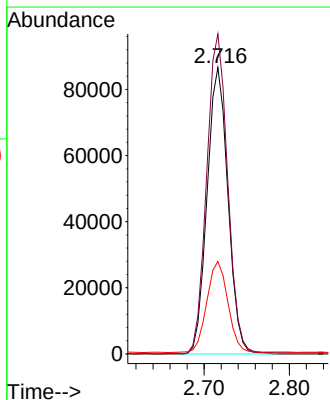
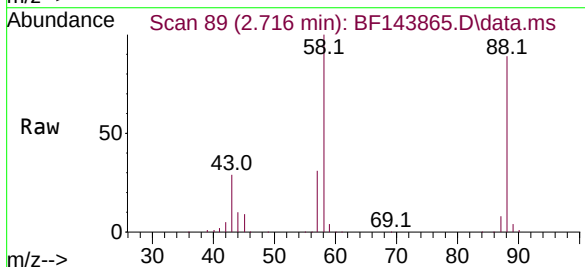
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

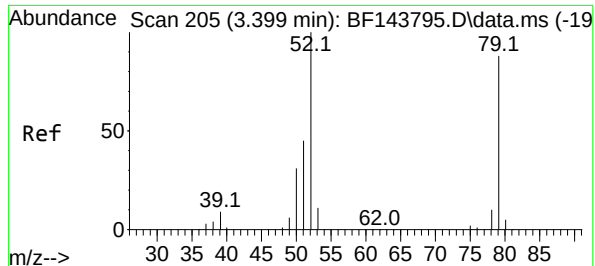
Tgt Ion:152 Resp: 132113
Ion Ratio Lower Upper
152 100
150 158.4 129.6 194.4
115 60.0 49.0 73.4



#2
1,4-Dioxane
Concen: 37.838 ng
RT: 2.716 min Scan# 89
Delta R.T. 0.082 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion: 88 Resp: 147267
Ion Ratio Lower Upper
88 100
58 113.0 99.4 149.2
43 32.0 30.6 45.8

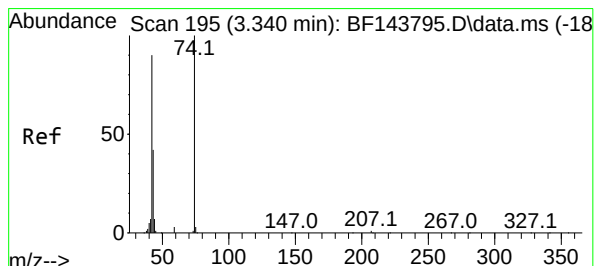
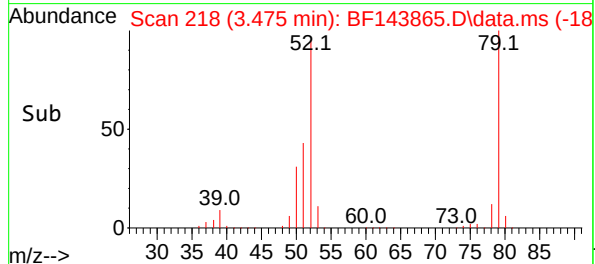
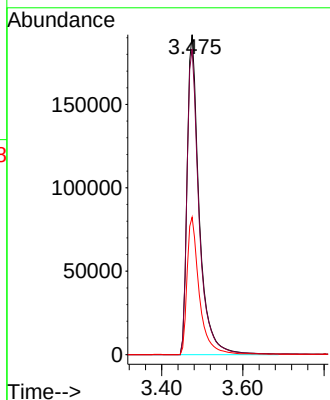
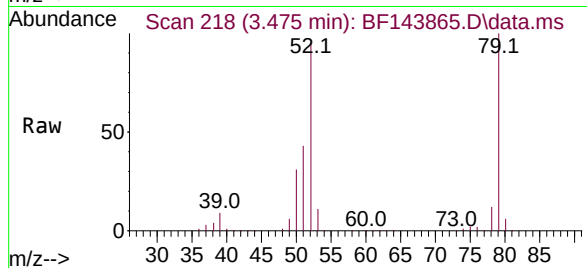




#3
Pyridine
Concen: 37.725 ng
RT: 3.475 min Scan# 21
Delta R.T. 0.076 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

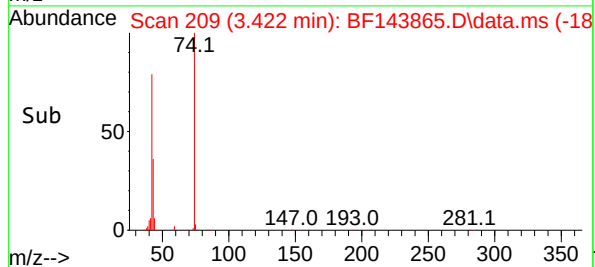
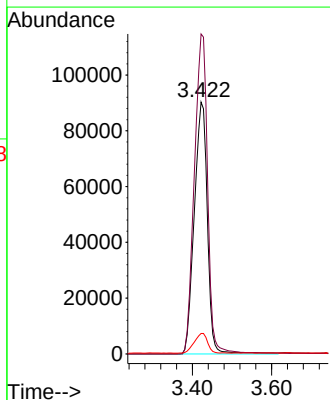
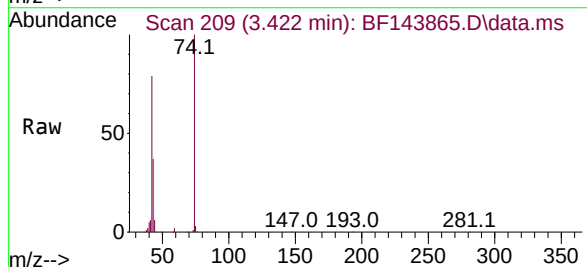
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

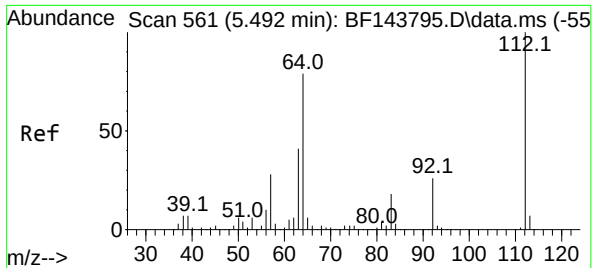
Tgt Ion: 79 Resp: 396343
Ion Ratio Lower Upper
79 100
52 95.5 90.5 135.7
51 42.9 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 39.302 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion: 42 Resp: 207038
Ion Ratio Lower Upper
42 100
74 127.1 89.1 133.7
44 8.1 6.4 9.6

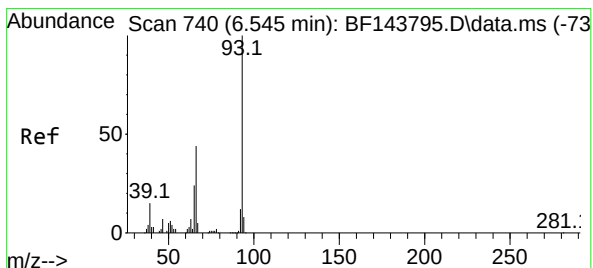
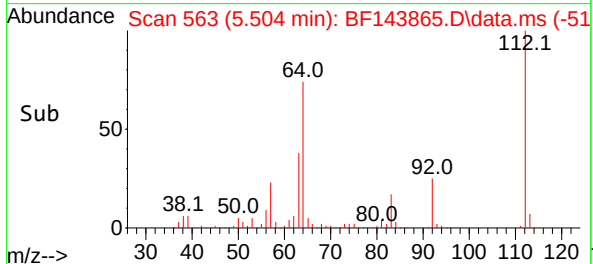
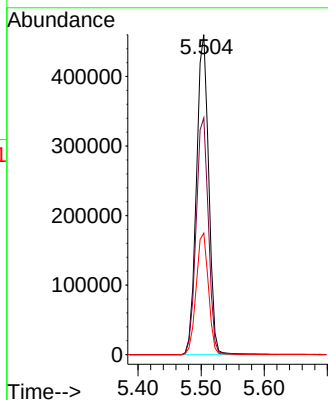
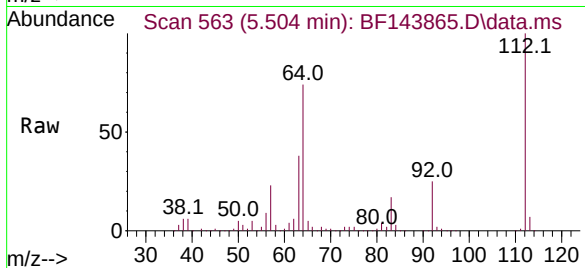




#5
2-Fluorophenol
Concen: 76.262 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

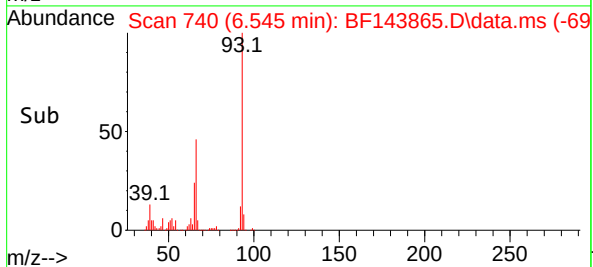
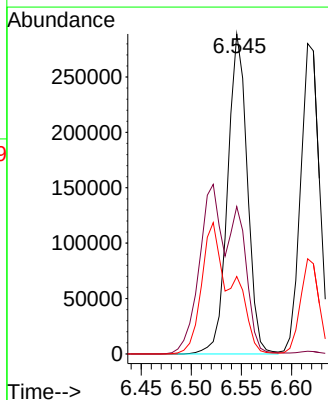
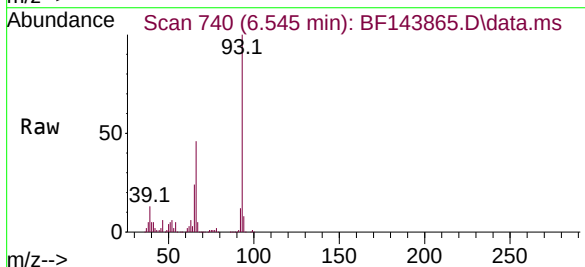
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

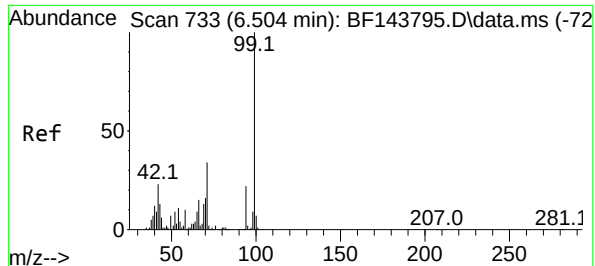
Tgt Ion: 112 Resp: 620126
Ion Ratio Lower Upper
112 100
64 74.0 63.0 94.4
63 38.0 32.6 49.0



#6
Aniline
Concen: 28.887 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

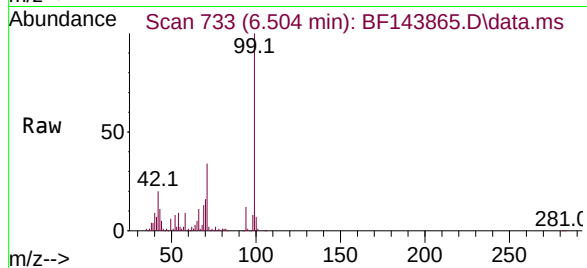
Tgt Ion: 93 Resp: 393915
Ion Ratio Lower Upper
93 100
66 46.0 37.1 55.7
65 24.2 19.4 29.0



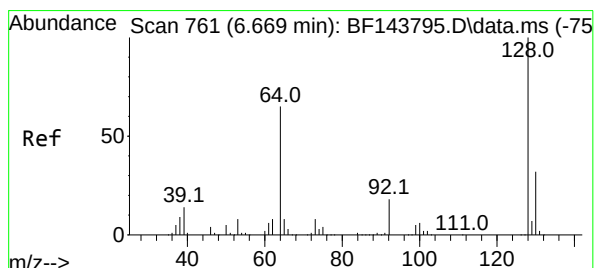
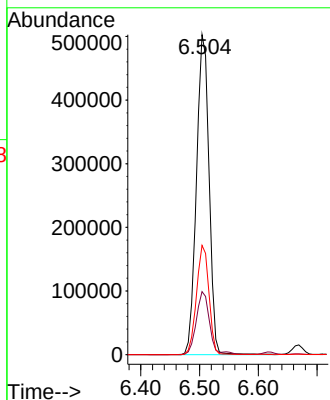
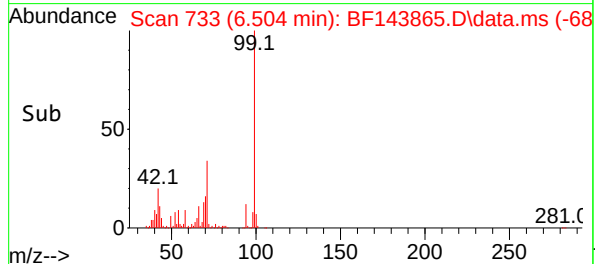


#7
Phenol-d6
Concen: 79.592 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

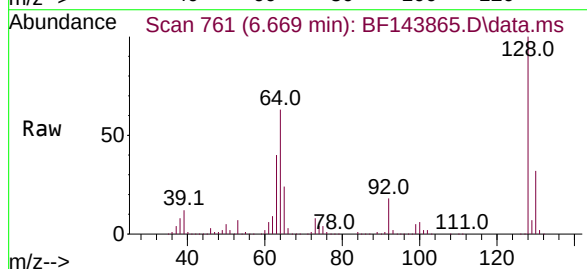
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD



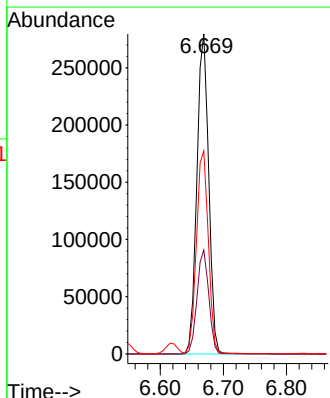
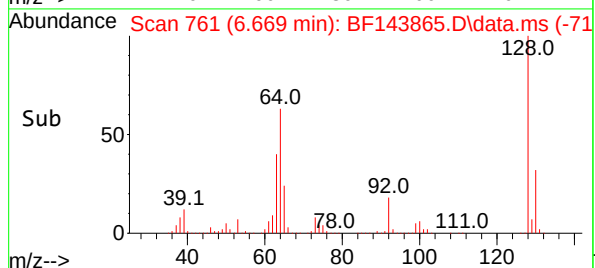
Tgt Ion: 99 Resp: 747806
Ion Ratio Lower Upper
99 100
42 19.7 18.6 28.0
71 34.1 27.0 40.4

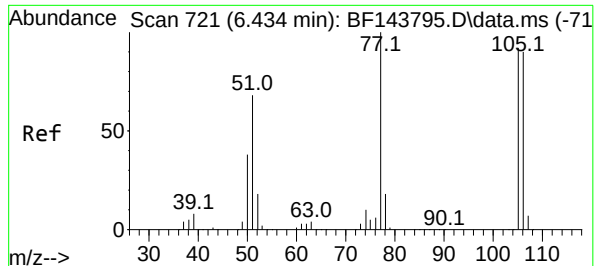


#8
2-Chlorophenol
Concen: 43.668 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



Tgt Ion: 128 Resp: 363514
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 63.4 46.5 86.5



#9
Benzaldehyde

Concen: 26.303 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

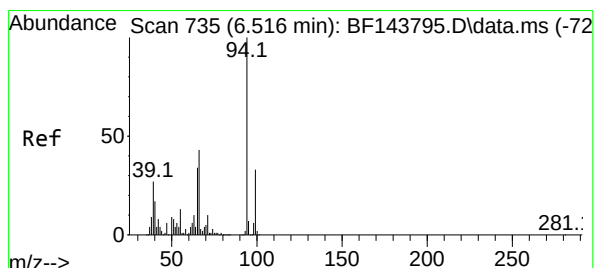
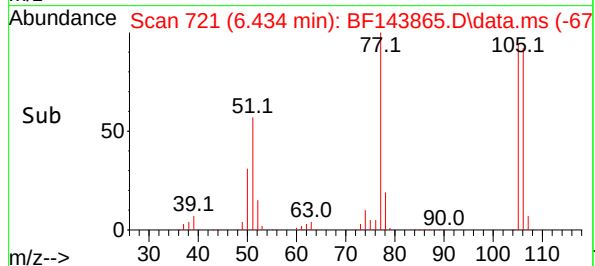
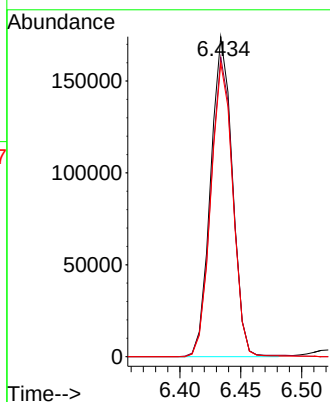
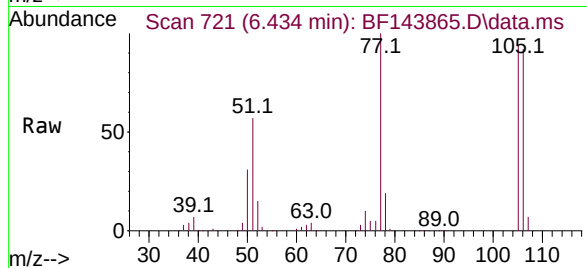
Tgt Ion: 77 Resp: 216417

Ion Ratio Lower Upper

77 100

105 93.6 71.8 111.8

106 91.7 69.8 109.8



#10

Phenol

Concen: 44.258 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

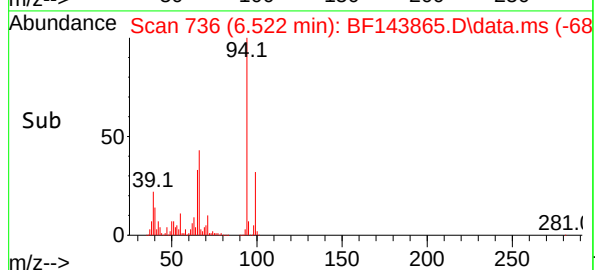
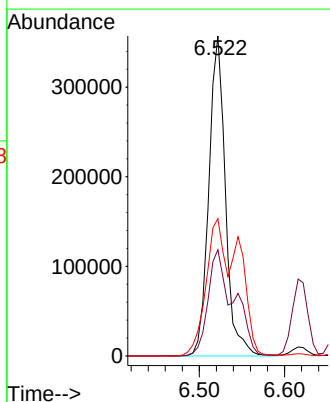
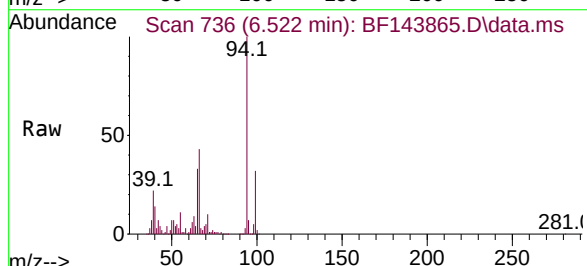
Tgt Ion: 94 Resp: 483331

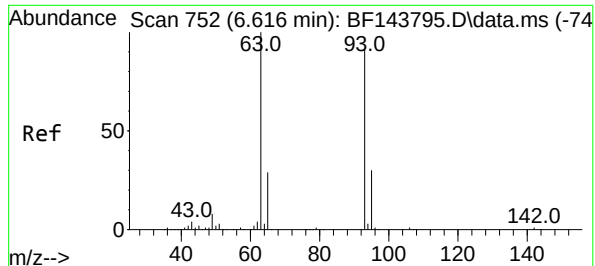
Ion Ratio Lower Upper

94 100

65 33.2 14.2 54.2

66 42.9 24.1 64.1

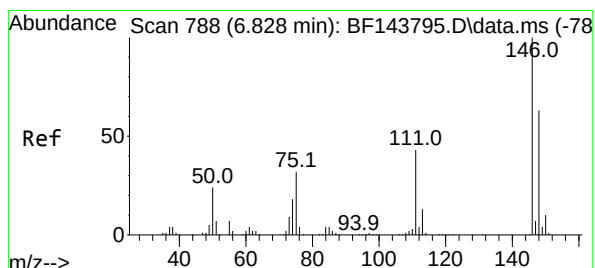
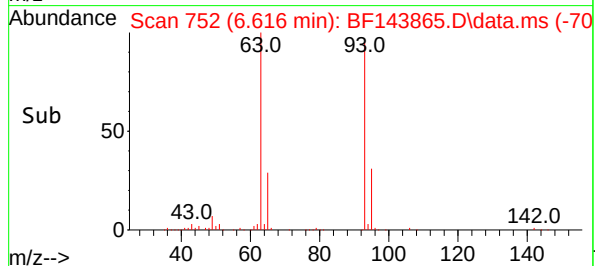
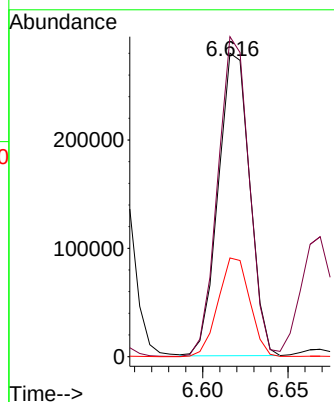
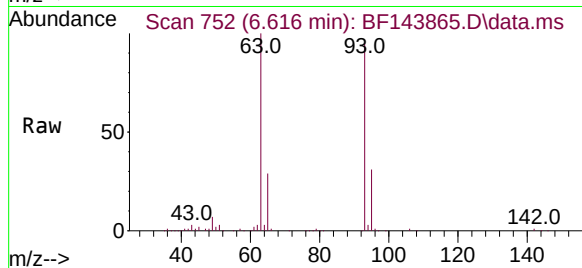




#11
bis(2-Chloroethyl)ether
Concen: 42.054 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

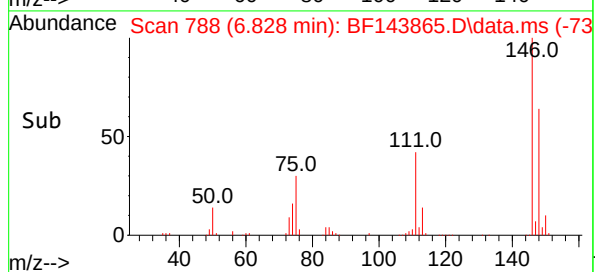
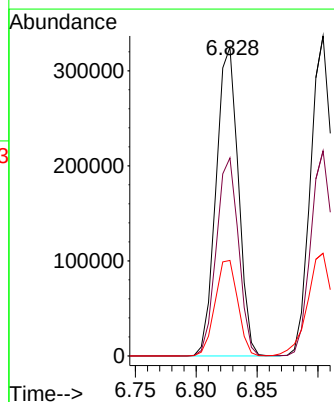
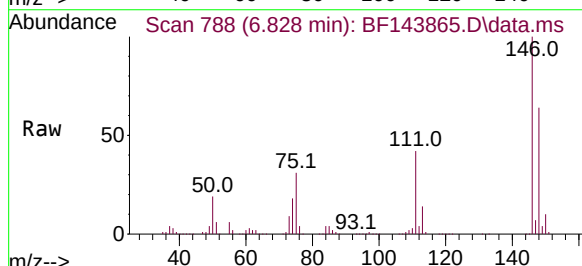
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BNA_F
ClientSampleId :
ENV-3-6FTMSD

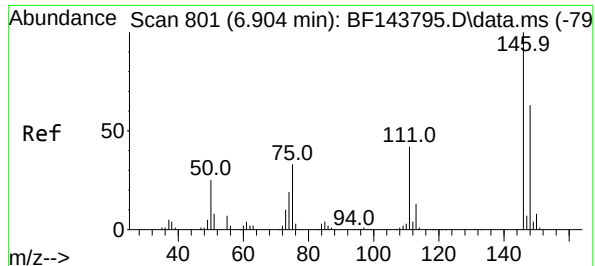
Tgt Ion: 93 Resp: 360011
Ion Ratio Lower Upper
93 100
63 105.5 89.2 129.2
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.689 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion: 146 Resp: 412600
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
75 31.0 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 43.286 ng

RT: 6.904 min Scan# 801

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

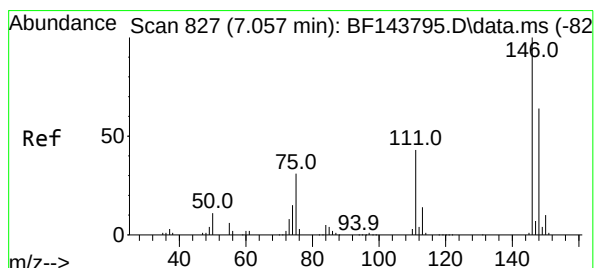
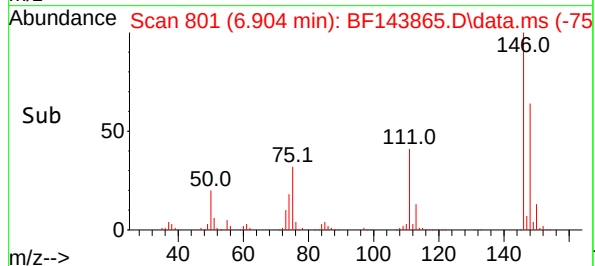
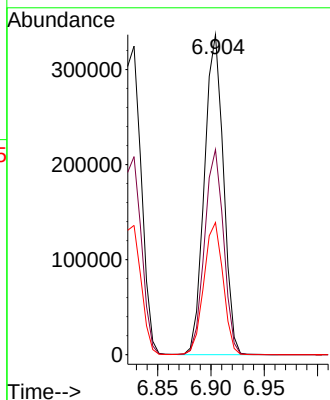
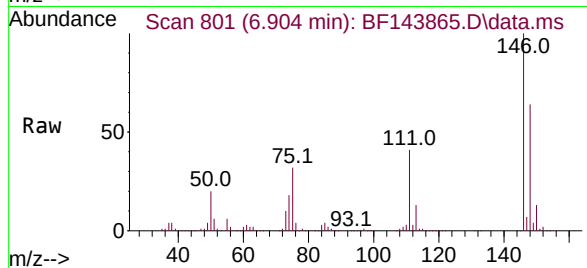
Tgt Ion:146 Resp: 417520

Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

111 41.3 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 44.033 ng

RT: 7.057 min Scan# 827

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

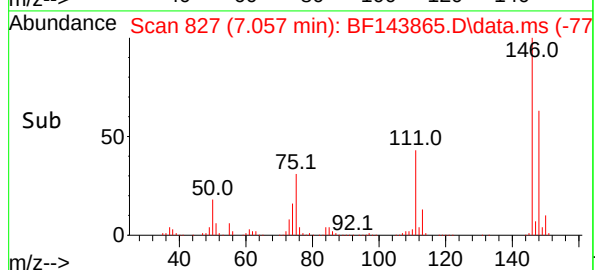
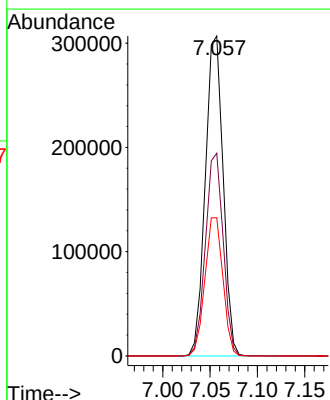
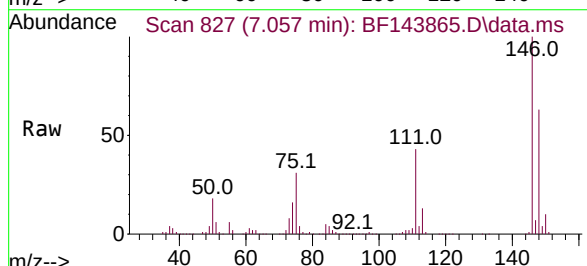
Tgt Ion:146 Resp: 402266

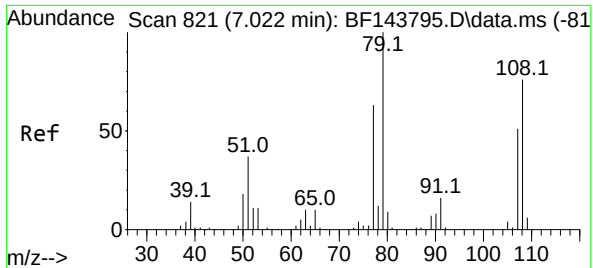
Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

111 43.2 34.3 51.5

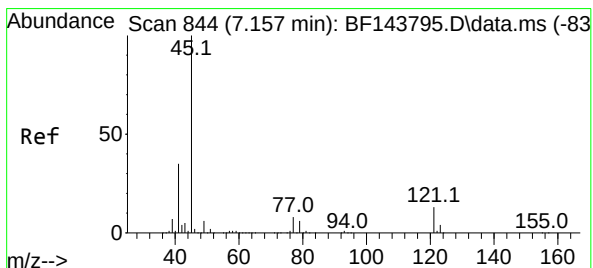
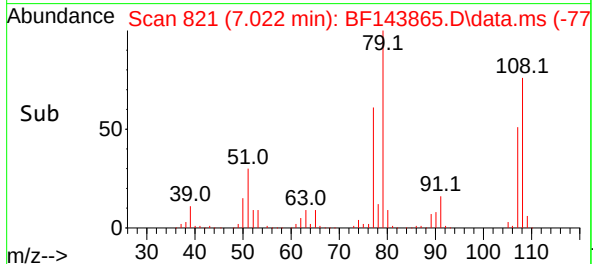
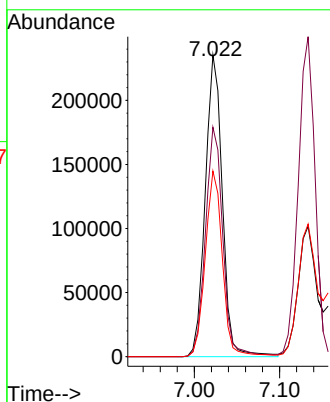
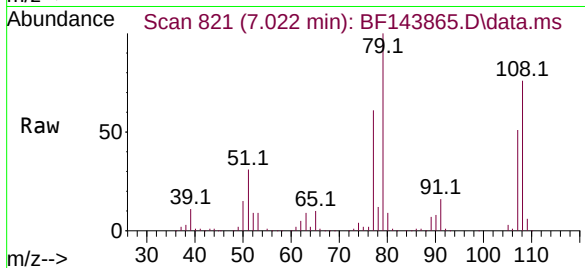




#15
Benzyl Alcohol
Concen: 48.314 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

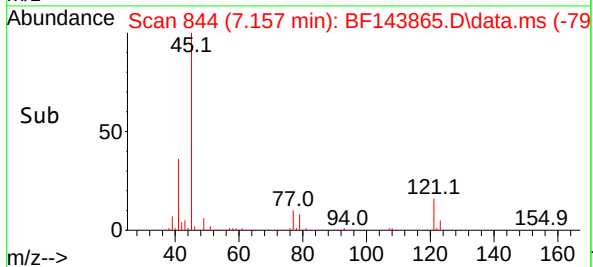
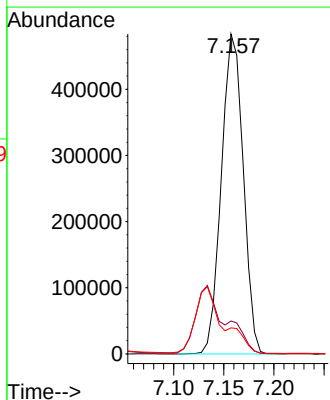
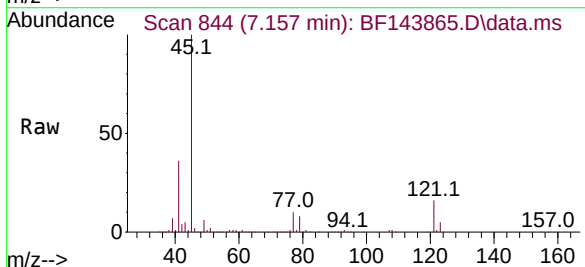
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

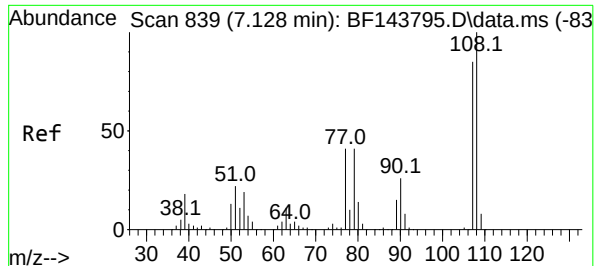
Tgt Ion: 79 Resp: 327998
Ion Ratio Lower Upper
79 100
108 76.0 60.5 90.7
77 61.5 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.161 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion: 45 Resp: 734032
Ion Ratio Lower Upper
45 100
77 10.3 0.0 28.5
79 8.2 0.0 26.3

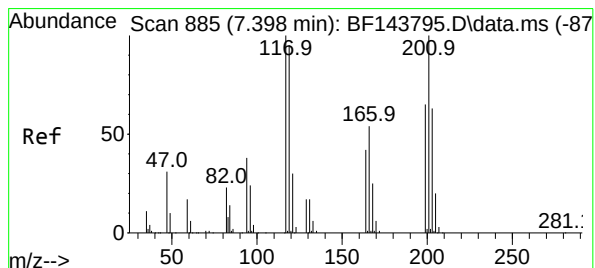
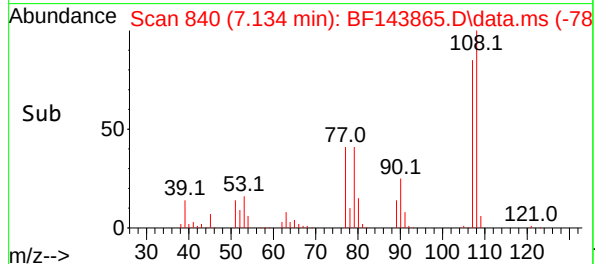
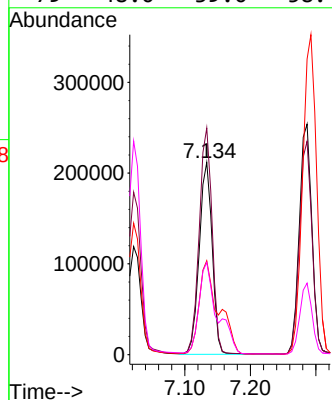
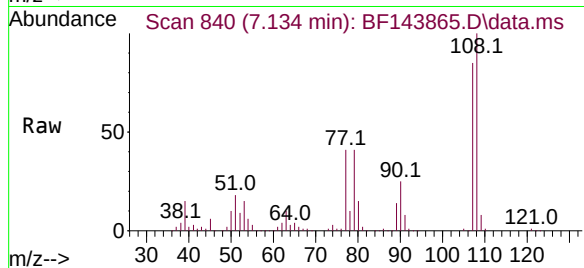




#17
2-Methylphenol
Concen: 44.898 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

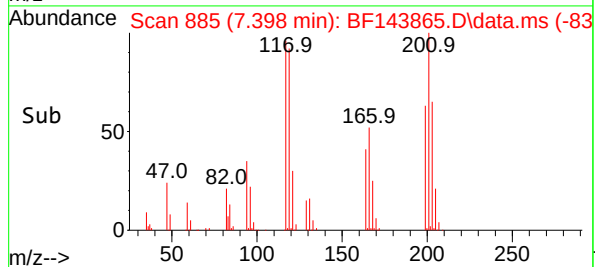
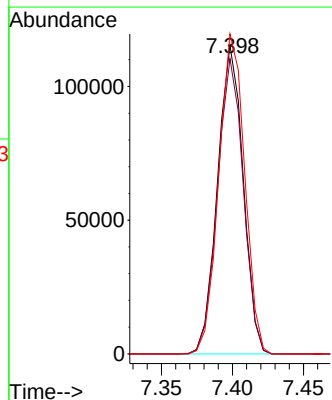
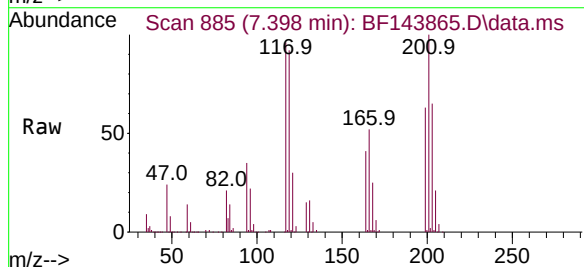
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

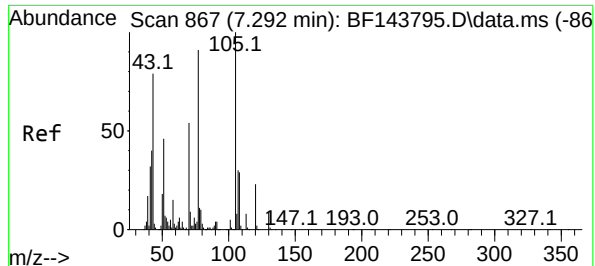
Tgt Ion:107 Resp: 289359
Ion Ratio Lower Upper
107 100
108 118.0 94.2 141.4
77 48.8 38.6 58.0
79 48.0 39.0 58.4



#18
Hexachloroethane
Concen: 42.877 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:117 Resp: 145445
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.2
201 103.7 79.7 119.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.441 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

Tgt Ion: 70 Resp: 262459

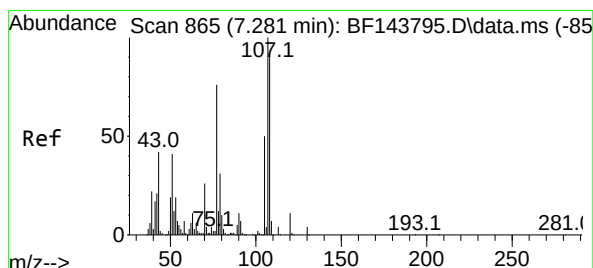
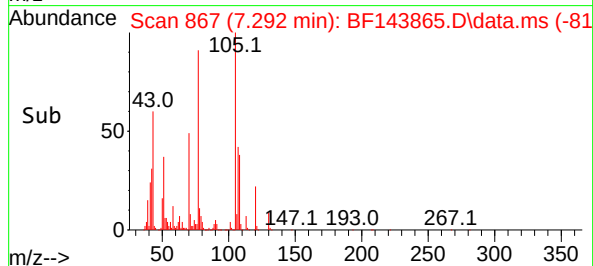
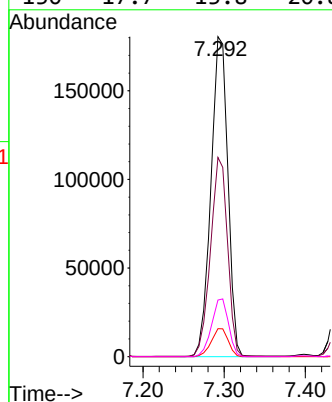
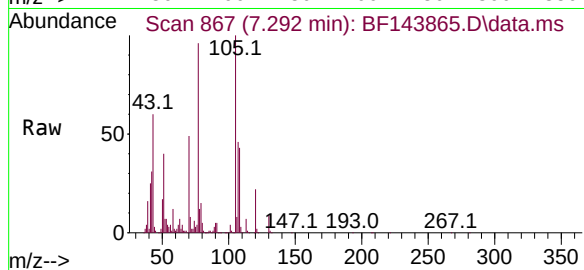
Ion Ratio Lower Upper

70 100

42 62.2 59.4 89.0

101 8.7 7.1 10.7

130 17.7 13.8 20.8



#20

3+4-Methylphenols

Concen: 43.487 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Tgt Ion: 107 Resp: 341307

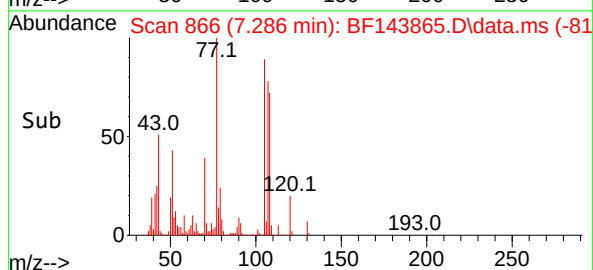
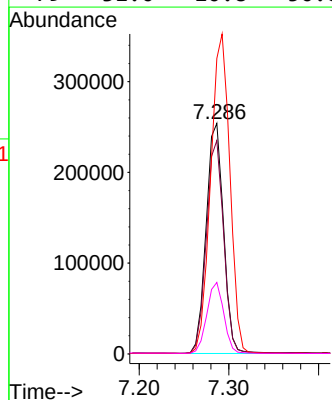
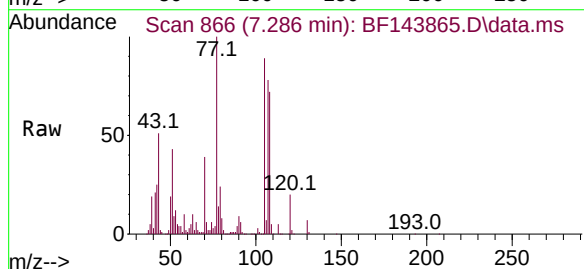
Ion Ratio Lower Upper

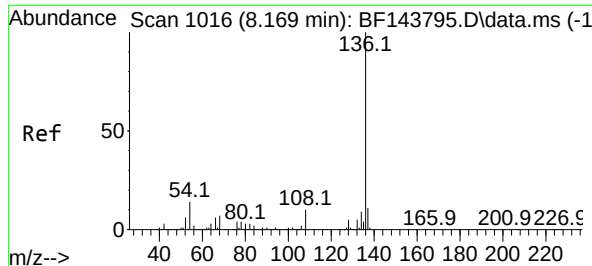
107 100

108 92.6 72.5 112.5

77 128.2 56.2 96.2#

79 31.0 10.8 50.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

Tgt Ion:136 Resp: 498372

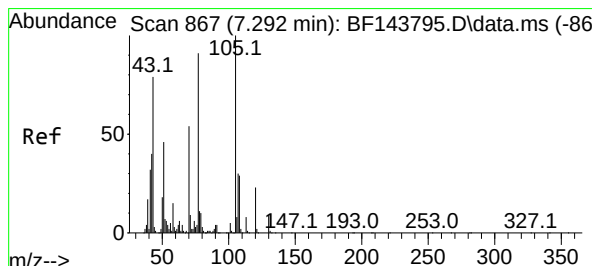
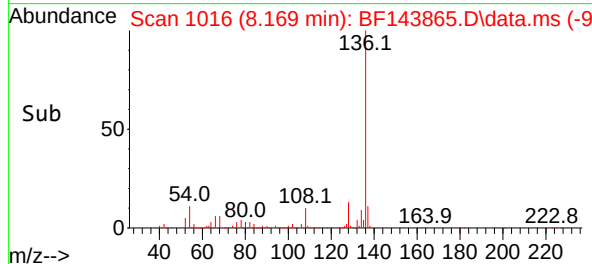
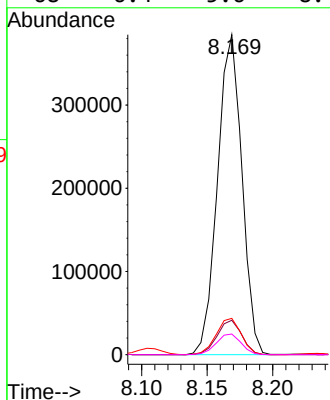
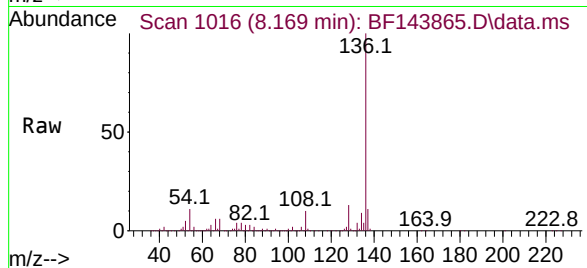
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 11.3 11.2 16.8

68 6.4 5.6 8.4



#22

Acetophenone

Concen: 46.717 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Tgt Ion:105 Resp: 511367

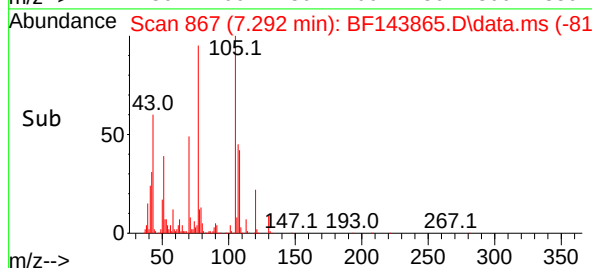
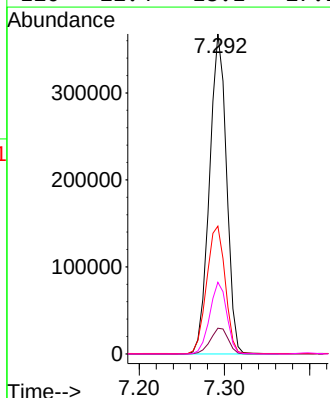
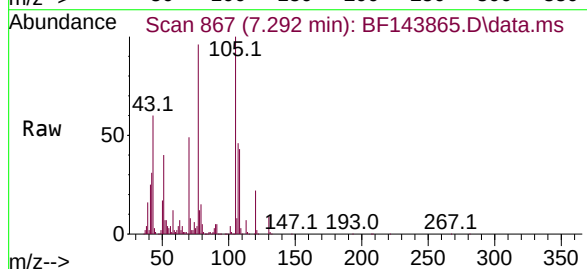
Ion Ratio Lower Upper

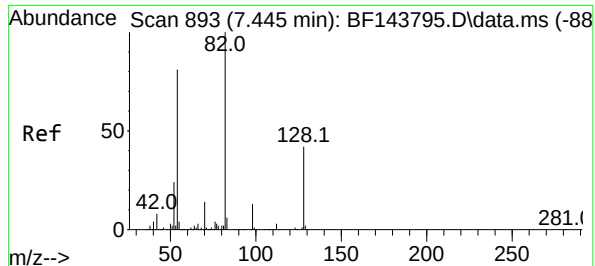
105 100

71 8.0 7.0 10.4

51 39.9 36.6 55.0

120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 56.007 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

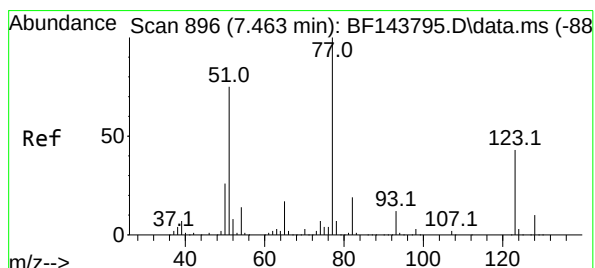
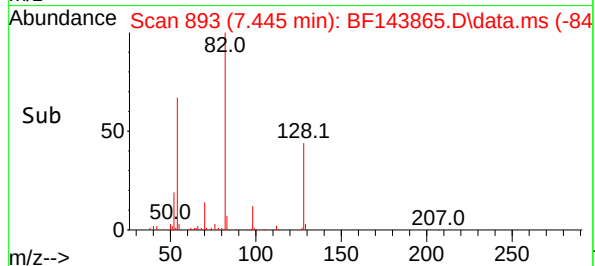
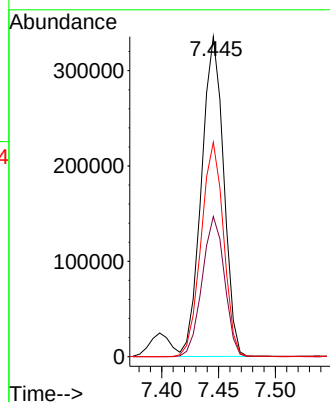
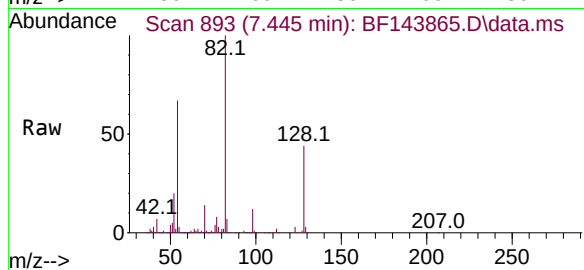
Tgt Ion: 82 Resp: 455997

Ion Ratio Lower Upper

82 100

128 43.8 33.3 49.9

54 67.0 64.2 96.4



#24

Nitrobenzene

Concen: 44.690 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

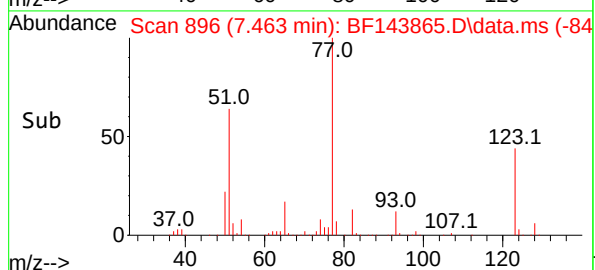
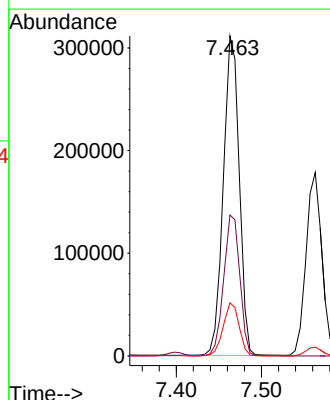
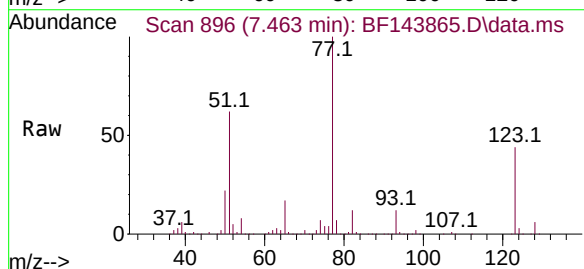
Tgt Ion: 77 Resp: 403311

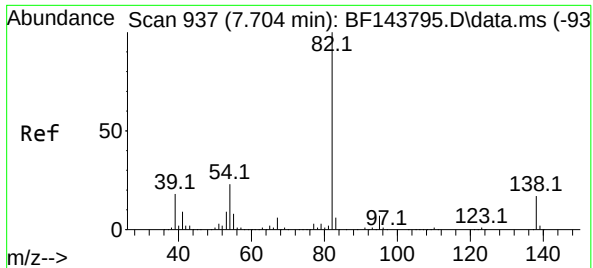
Ion Ratio Lower Upper

77 100

123 44.0 34.0 51.0

65 16.6 13.5 20.3

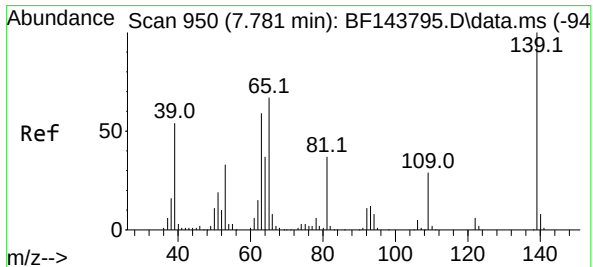
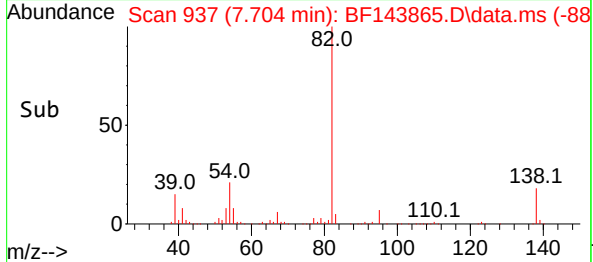
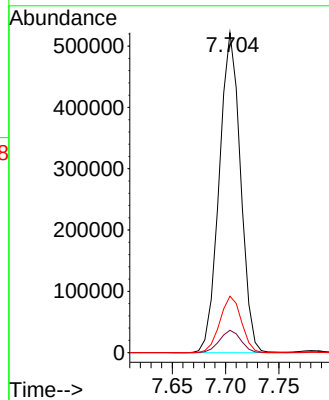
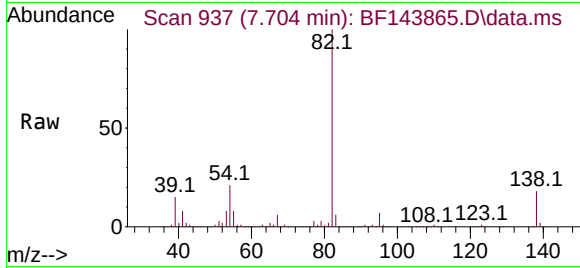




#25
Isophorone
Concen: 45.775 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

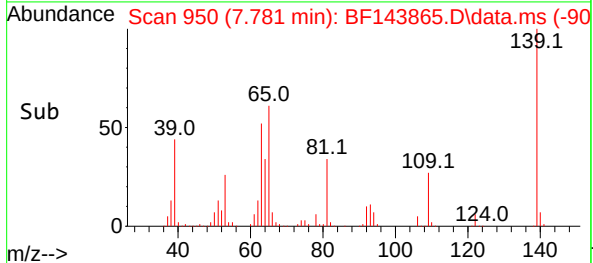
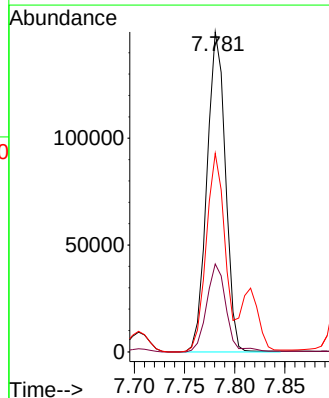
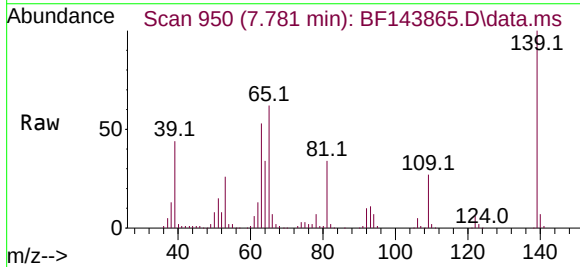
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

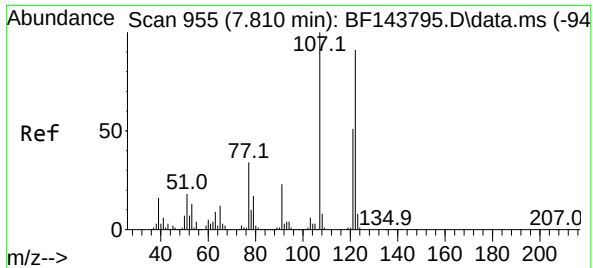
Tgt Ion:	82	Resp:	726249
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	17.6	13.7	20.5



#26
2-Nitrophenol
Concen: 51.623 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:	139	Resp:	192067
Ion Ratio	Lower	Upper	
139	100		
109	27.5	23.3	34.9
65	62.0	53.8	80.6





#27

2,4-Dimethylphenol

Concen: 48.335 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

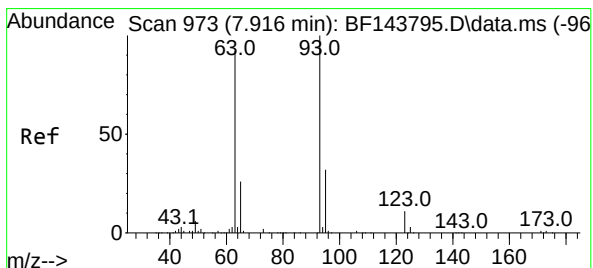
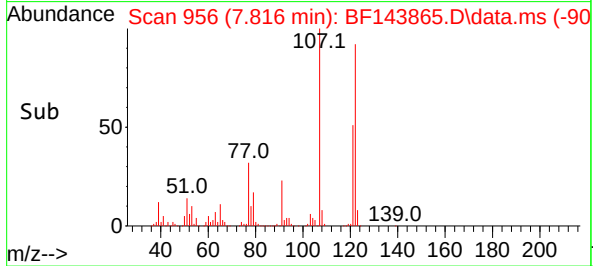
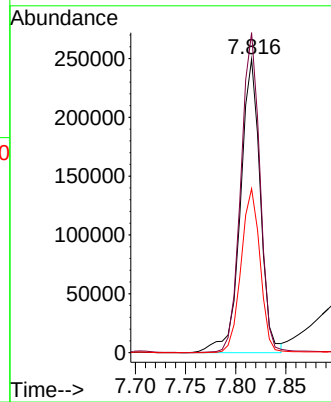
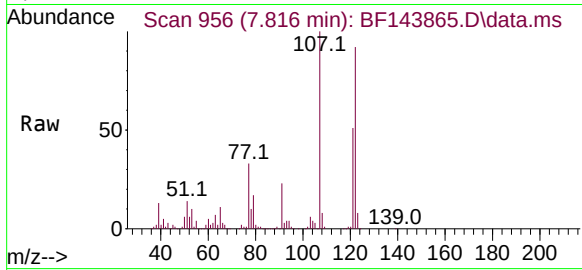
Tgt Ion:122 Resp: 342762

Ion Ratio Lower Upper

122 100

107 109.1 87.5 131.3

121 55.9 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.771 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

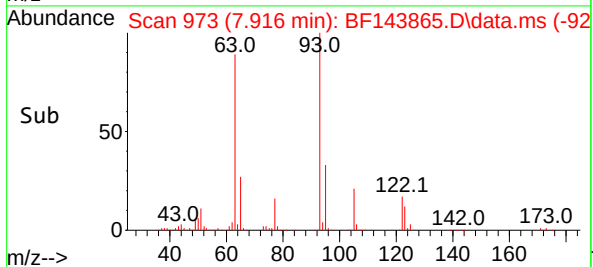
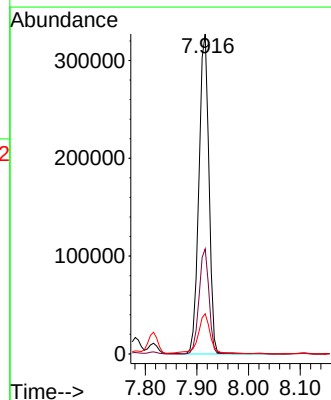
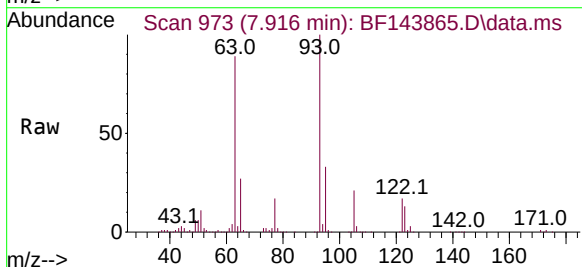
Tgt Ion: 93 Resp: 440881

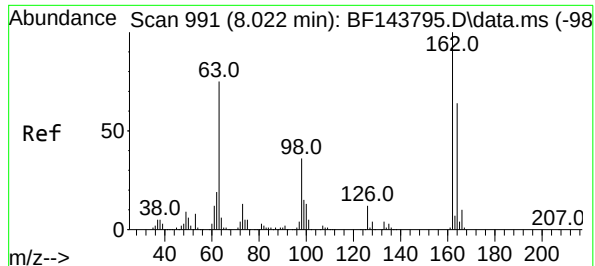
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 12.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.630 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

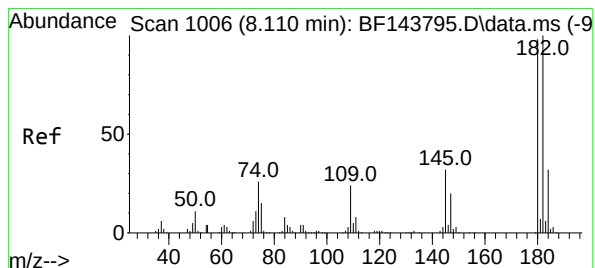
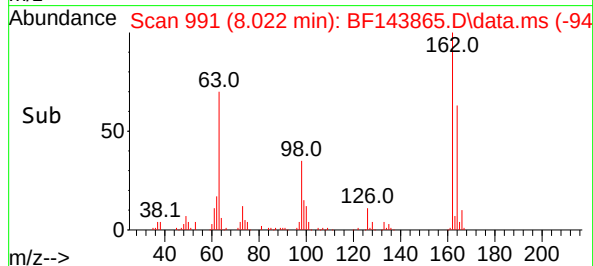
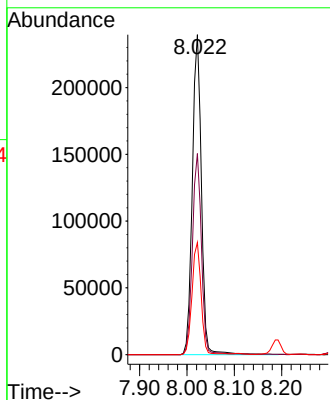
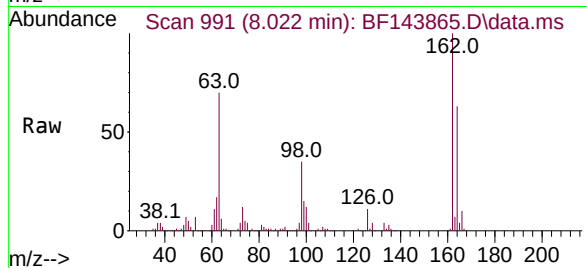
Tgt Ion:162 Resp: 318390

Ion Ratio Lower Upper

162 100

164 62.8 44.1 84.1

98 35.0 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 45.521 ng

RT: 8.110 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

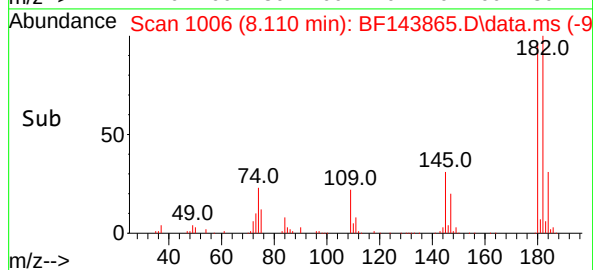
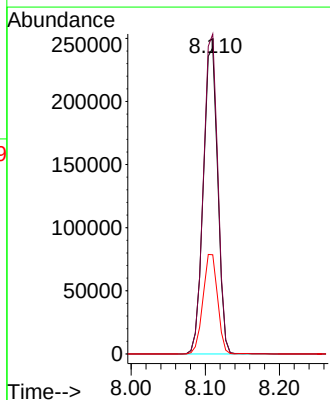
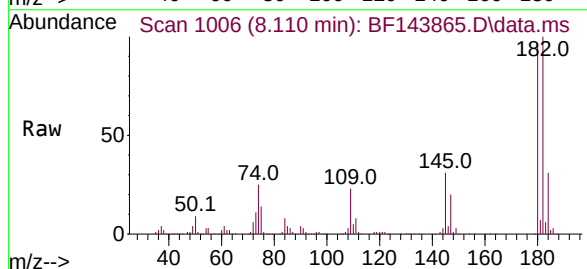
Tgt Ion:180 Resp: 329632

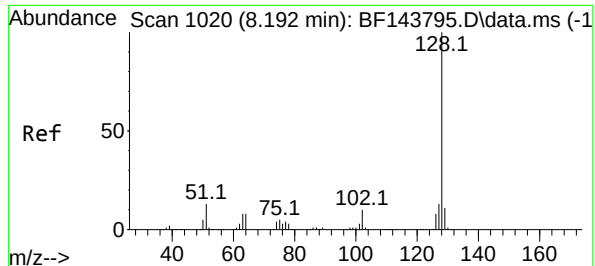
Ion Ratio Lower Upper

180 100

182 104.5 82.0 123.0

145 32.4 25.9 38.9

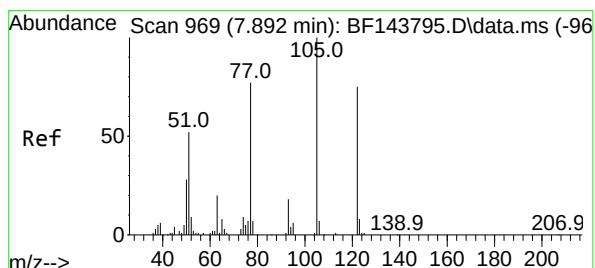
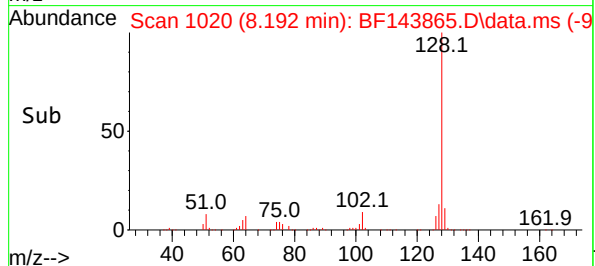
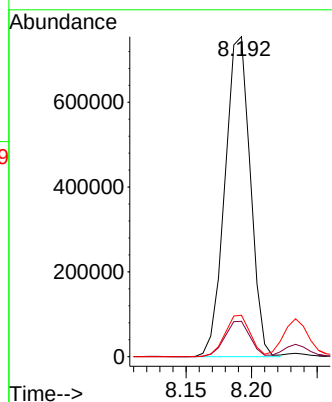
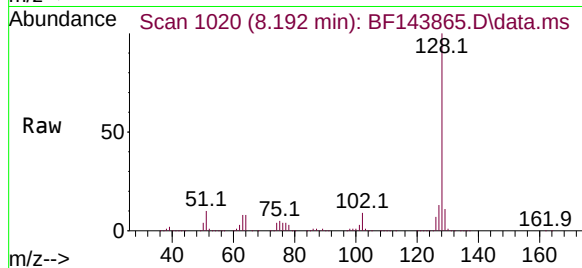




#31
Naphthalene
Concen: 42.537 ng
RT: 8.192 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

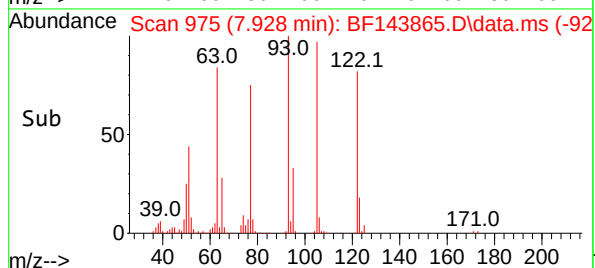
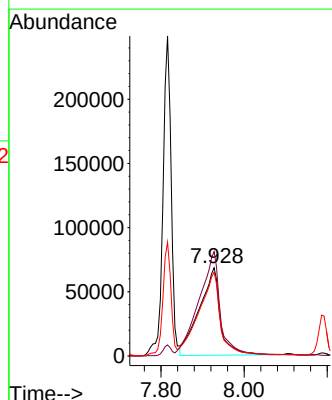
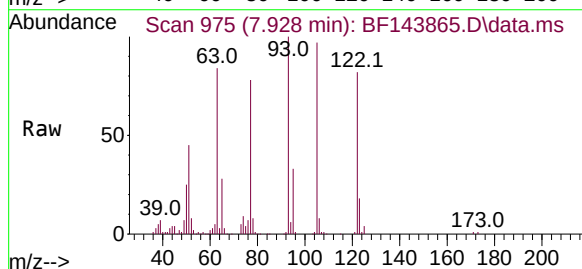
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

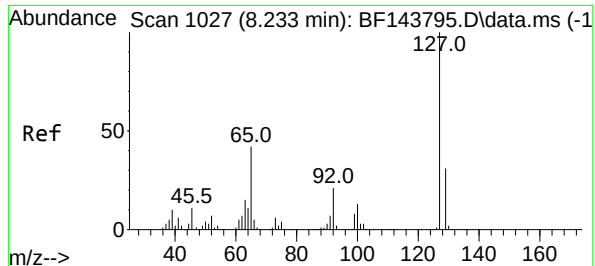
Tgt Ion:128 Resp: 1014845
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.0 10.2 15.4



#32
Benzoic acid
Concen: 70.540 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:122 Resp: 241347
Ion Ratio Lower Upper
122 100
105 118.3 103.7 143.7
77 95.0 78.8 118.8





#33

4-Chloroaniline

Concen: 15.177 ng

RT: 8.233 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

Tgt Ion:127 Resp: 127248

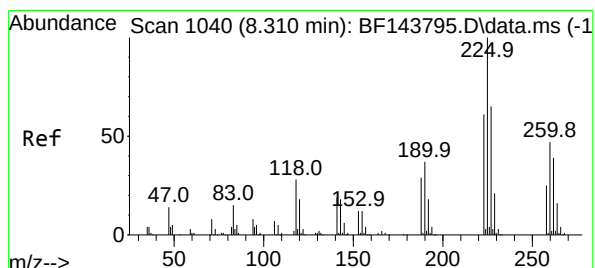
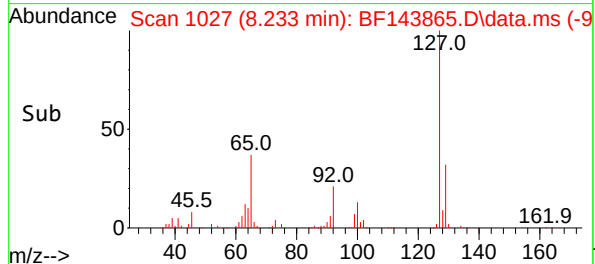
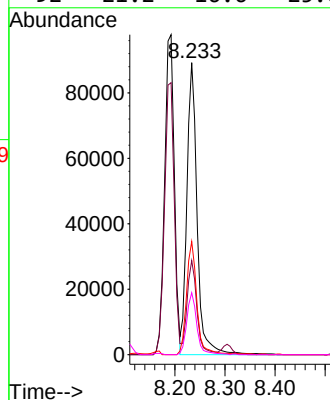
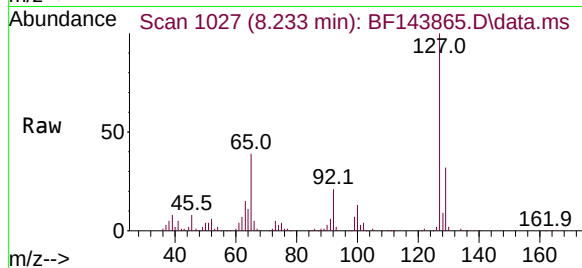
Ion Ratio Lower Upper

127 100

129 32.2 25.4 38.2

65 38.7 33.4 50.2

92 21.2 16.6 25.0



#34

Hexachlorobutadiene

Concen: 44.360 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

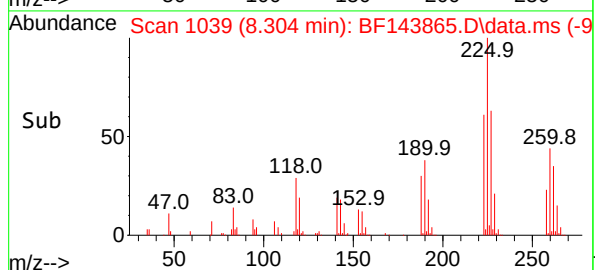
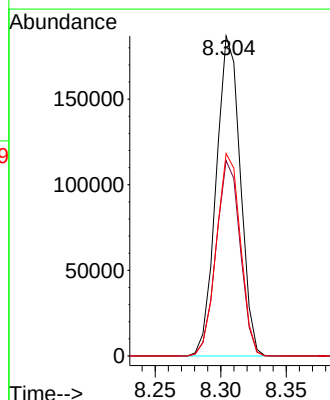
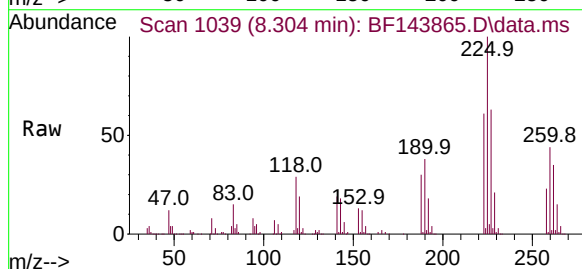
Tgt Ion:225 Resp: 239462

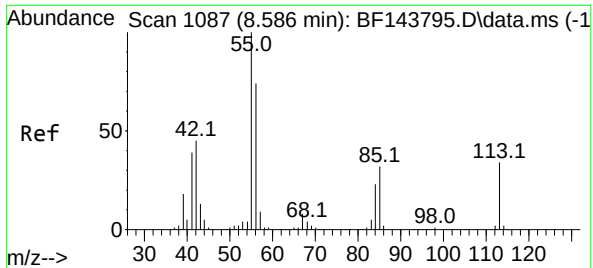
Ion Ratio Lower Upper

225 100

223 61.0 48.6 72.8

227 63.2 51.9 77.9

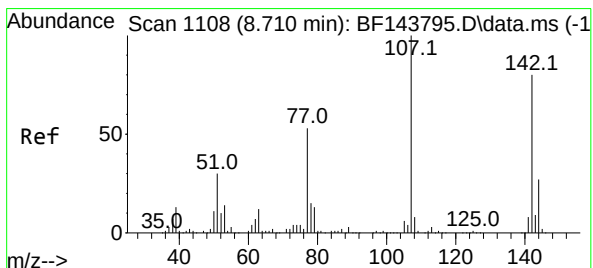
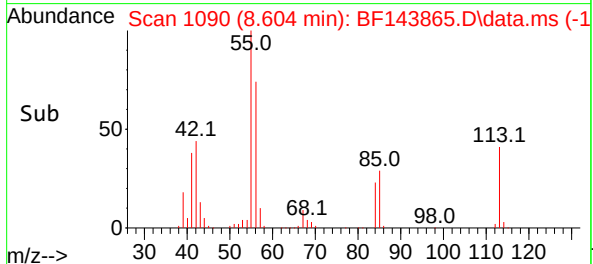
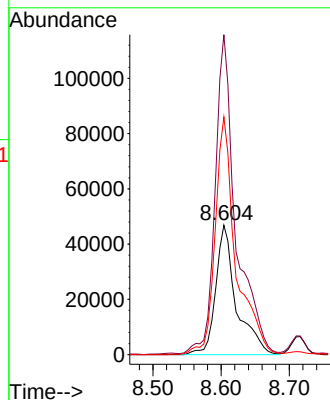
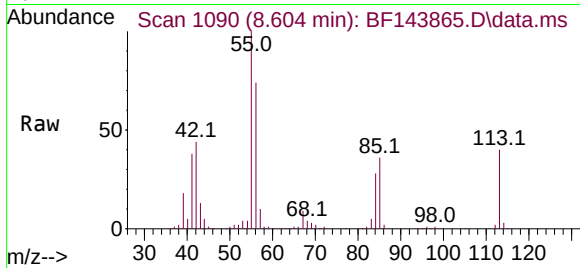




#35
Caprolactam
Concen: 55.119 ng
RT: 8.604 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

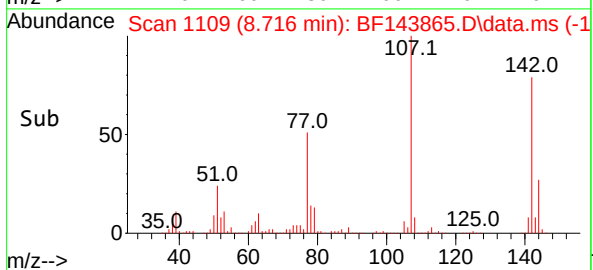
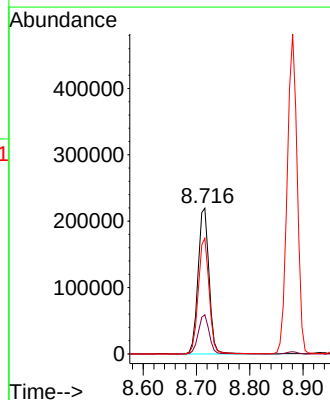
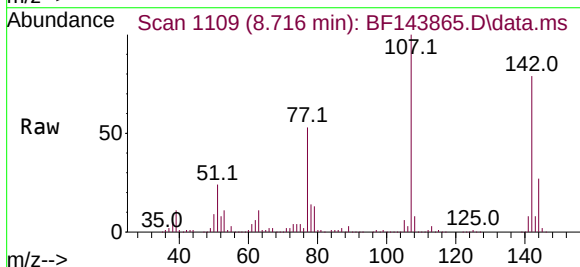
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

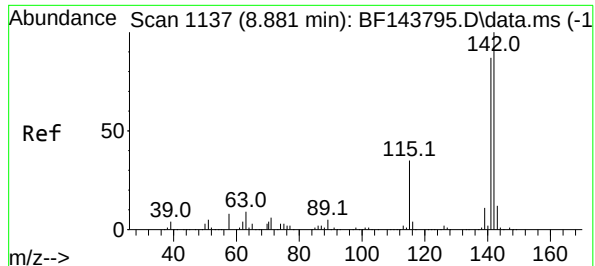
Tgt Ion	Ratio	Lower	Upper
113	100		
55	247.4	271.7	311.7#
56	183.8	194.5	234.5#



#36
4-Chloro-3-methylphenol
Concen: 48.105 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	21.8	32.8
142	79.4	63.6	95.4





#37

2-Methylnaphthalene

Concen: 41.020 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

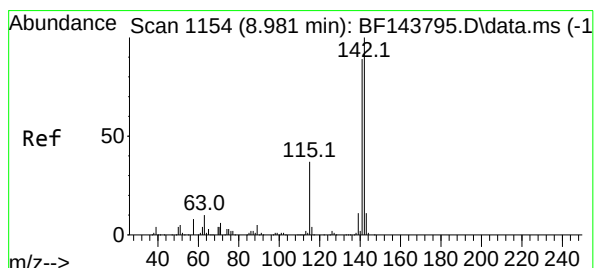
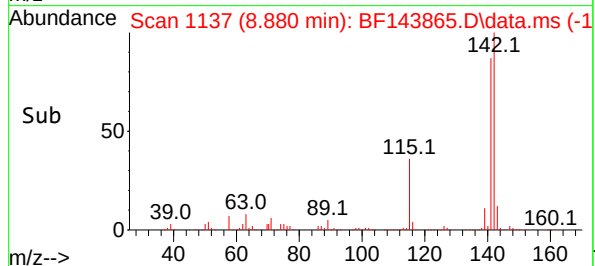
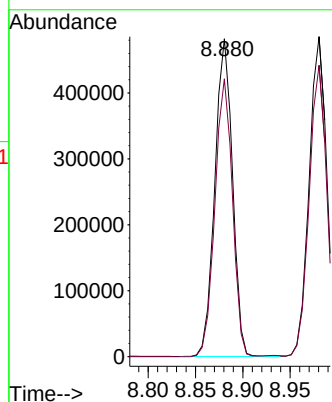
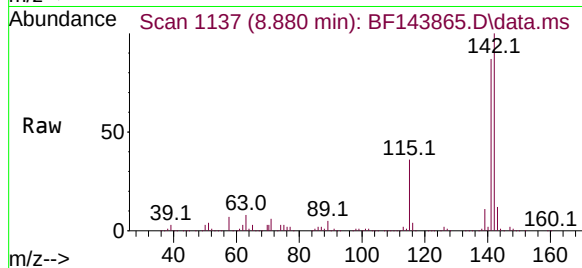
ENV-3-6FTMSD

Tgt Ion:142 Resp: 624027

Ion Ratio Lower Upper

142 100

141 87.4 69.4 104.0



#38

1-Methylnaphthalene

Concen: 42.822 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143865.D

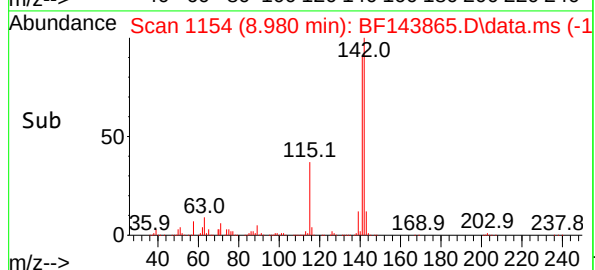
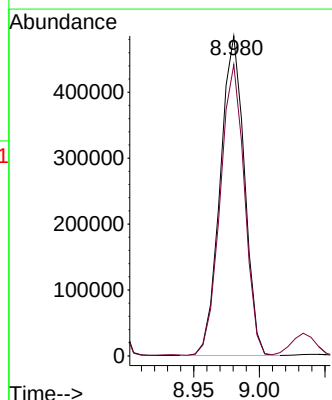
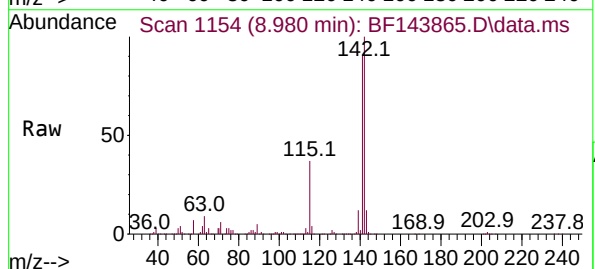
Acq: 02 Oct 2025 20:07

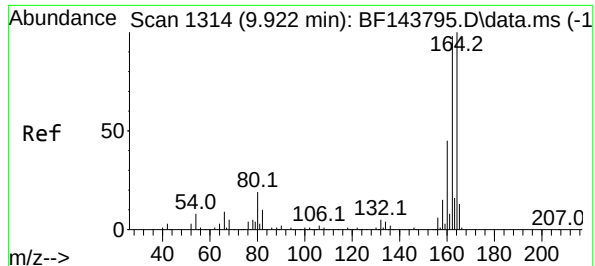
Tgt Ion:142 Resp: 623542

Ion Ratio Lower Upper

142 100

141 91.0 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1314

Delta R.T. -0.001 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

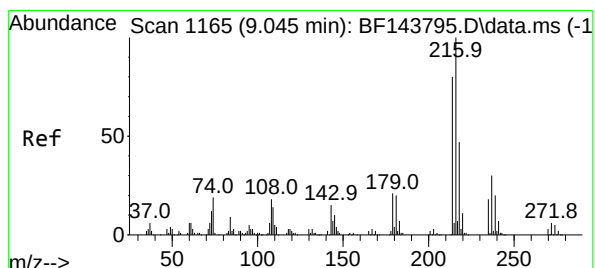
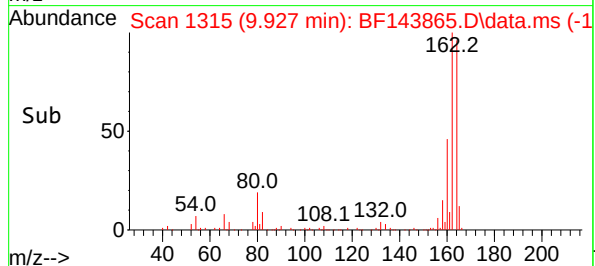
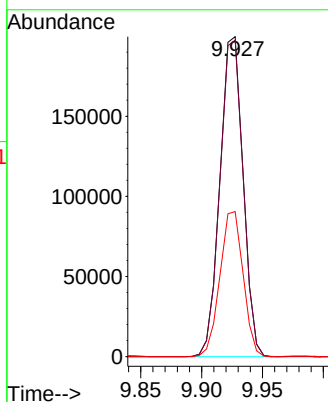
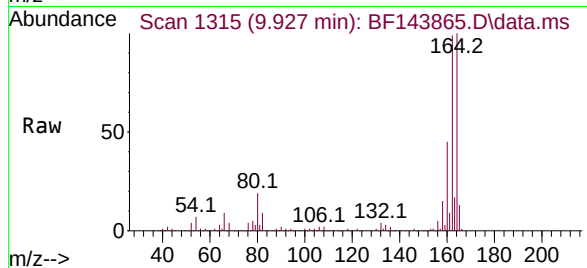
Tgt Ion:164 Resp: 264381

Ion Ratio Lower Upper

164 100

162 98.9 78.8 118.2

160 45.3 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.748 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Tgt Ion:216 Resp: 365001

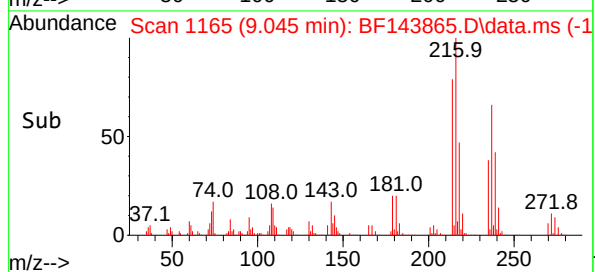
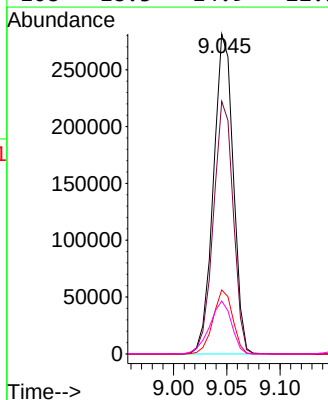
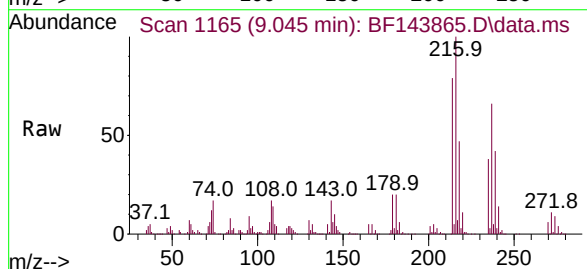
Ion Ratio Lower Upper

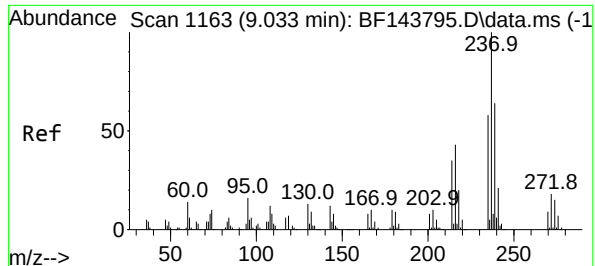
216 100

214 78.9 63.7 95.5

179 19.8 16.5 24.7

108 18.3 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 100.088 ng

RT: 9.033 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

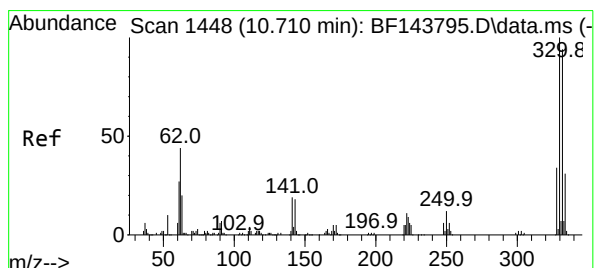
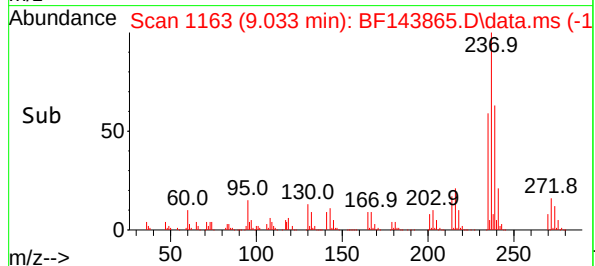
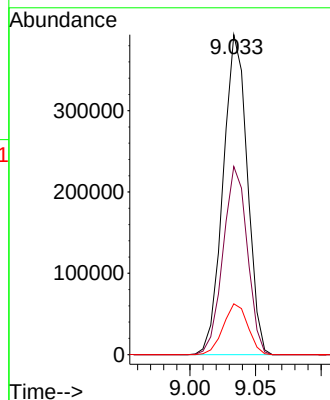
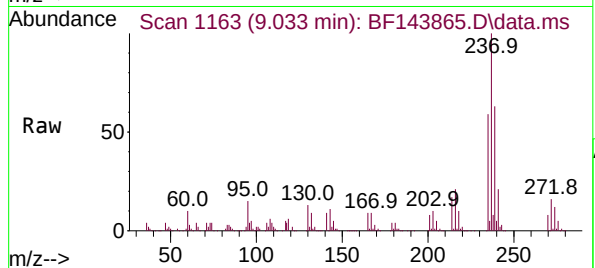
Tgt Ion:237 Resp: 506103

Ion Ratio Lower Upper

237 100

235 58.8 38.1 78.1

272 15.9 0.0 37.9



#42

2,4,6-Tribromophenol

Concen: 49.531 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

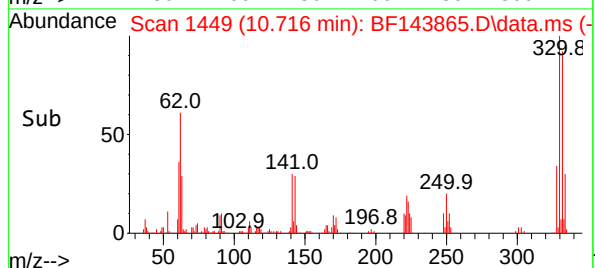
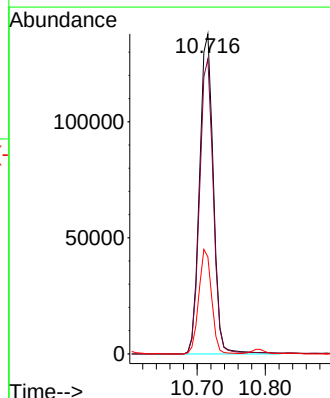
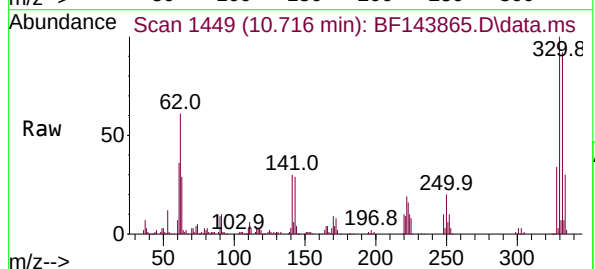
Tgt Ion:330 Resp: 193892

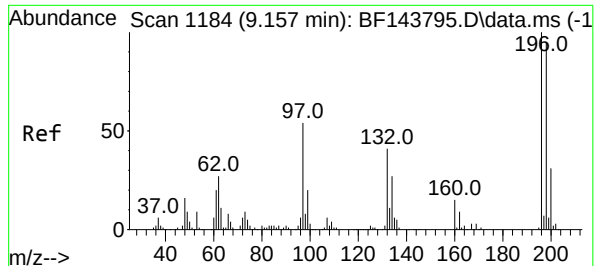
Ion Ratio Lower Upper

330 100

332 92.0 74.7 112.1

141 30.4 14.3 21.5#





#43

2,4,6-Trichlorophenol

Concen: 46.924 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

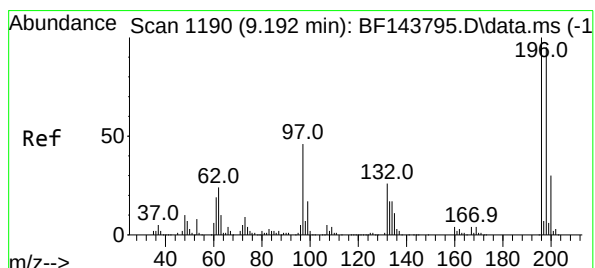
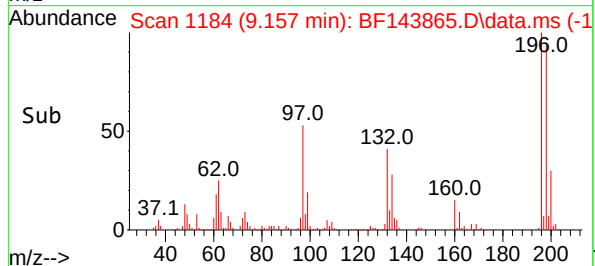
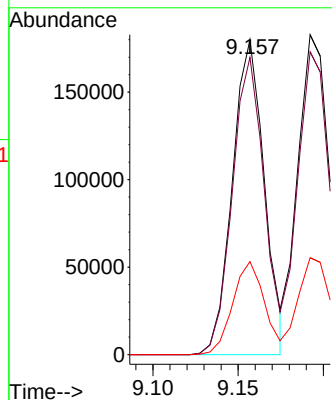
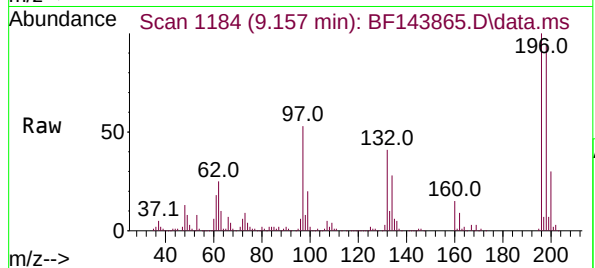
Tgt Ion:196 Resp: 234428

Ion Ratio Lower Upper

196 100

198 94.4 76.2 114.2

200 29.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 46.173 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Tgt Ion:196 Resp: 241280

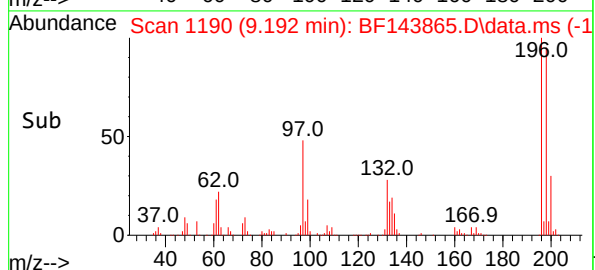
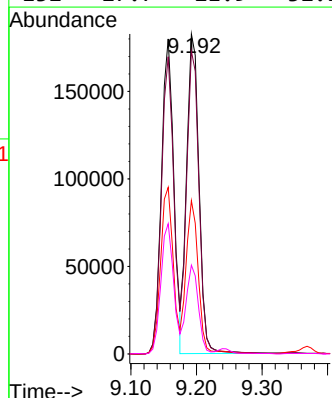
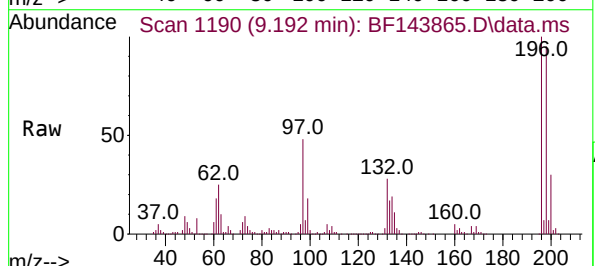
Ion Ratio Lower Upper

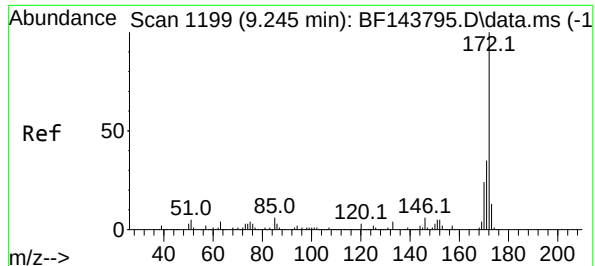
196 100

198 94.6 75.9 113.9

97 47.9 38.3 57.5

132 27.7 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 47.569 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

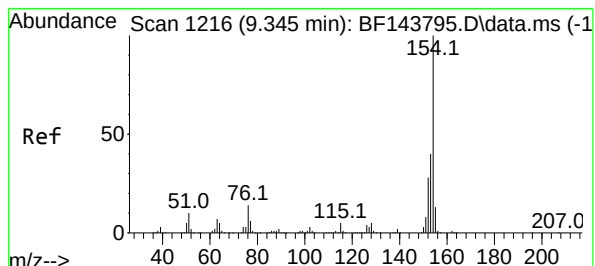
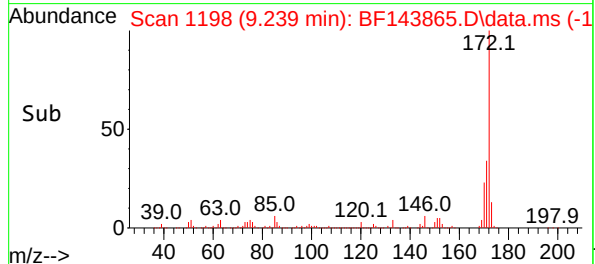
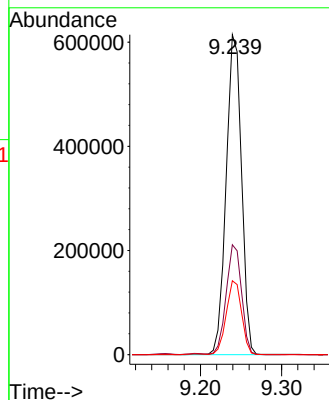
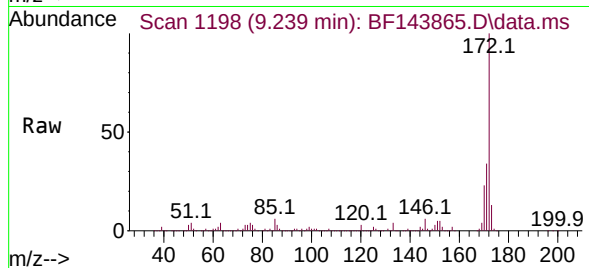
Tgt Ion:172 Resp: 805920

Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

170 23.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.870 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

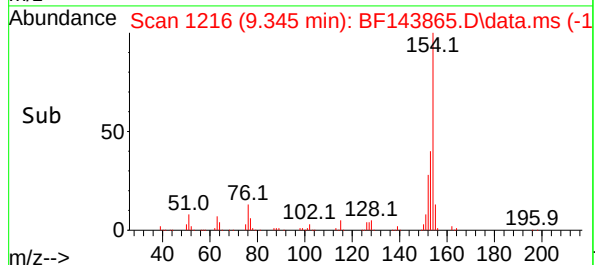
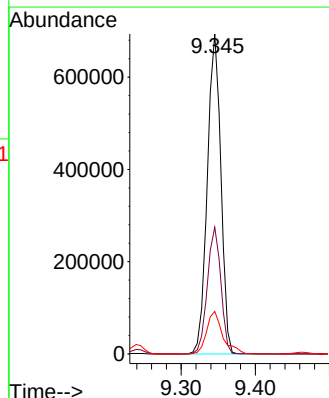
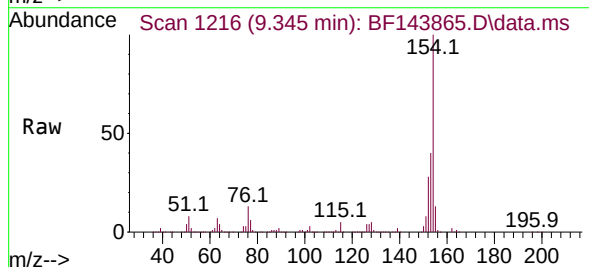
Tgt Ion:154 Resp: 877857

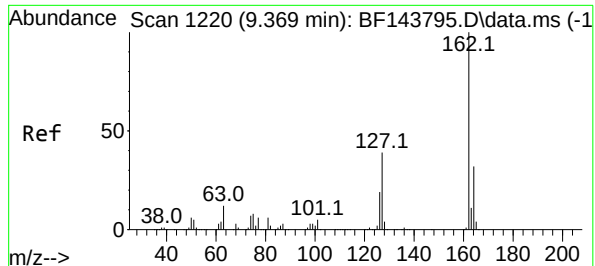
Ion Ratio Lower Upper

154 100

153 39.6 19.7 59.7

76 13.3 0.0 33.8





#47

2-Chloronaphthalene

Concen: 41.558 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

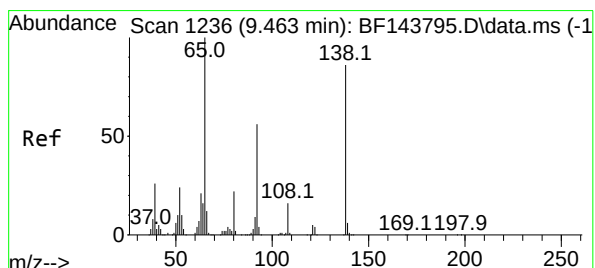
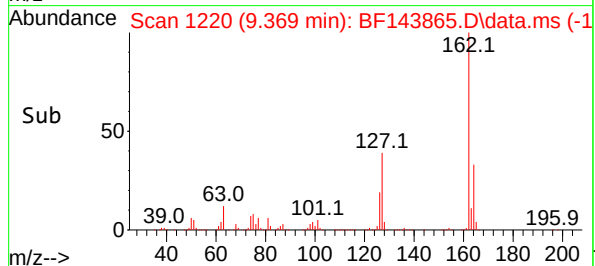
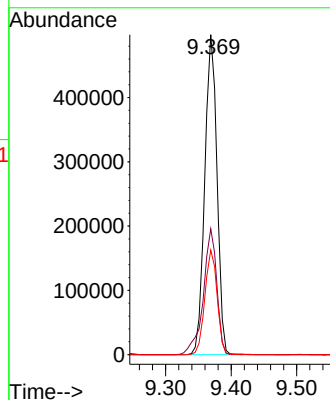
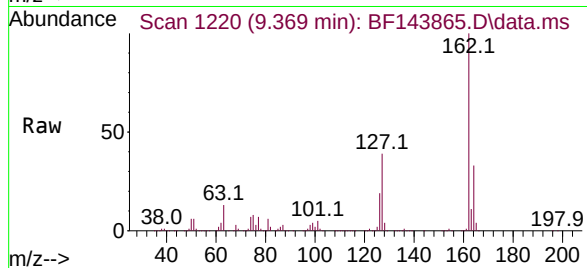
Tgt Ion:162 Resp: 640207

Ion Ratio Lower Upper

162 100

127 39.3 31.5 47.3

164 32.7 25.9 38.9



#48

2-Nitroaniline

Concen: 52.549 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

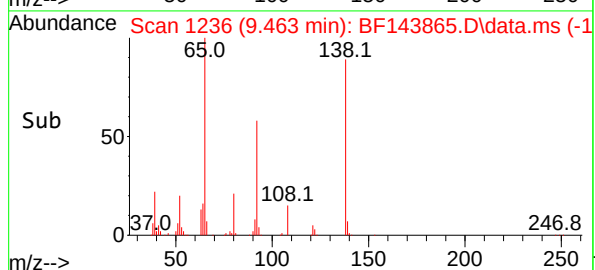
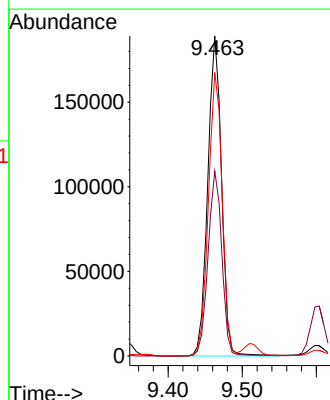
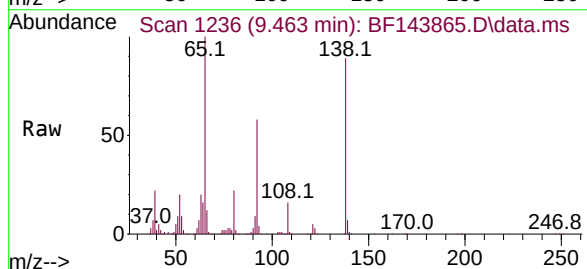
Tgt Ion: 65 Resp: 244664

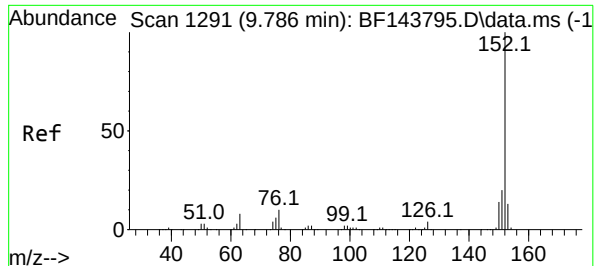
Ion Ratio Lower Upper

65 100

92 57.8 44.9 67.3

138 88.6 69.0 103.4





#49

Acenaphthylene

Concen: 48.992 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

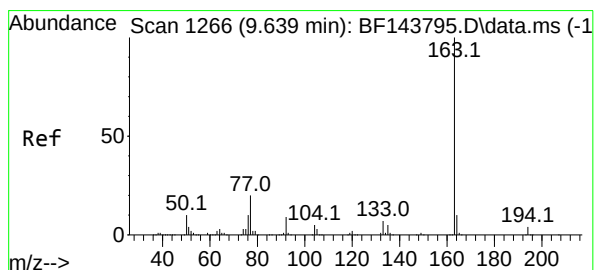
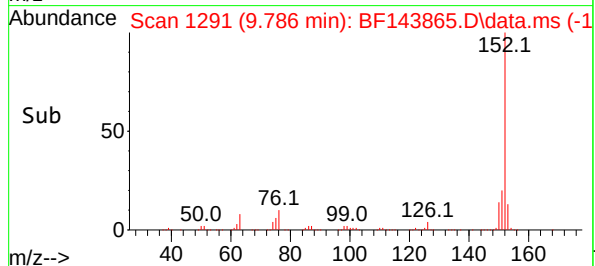
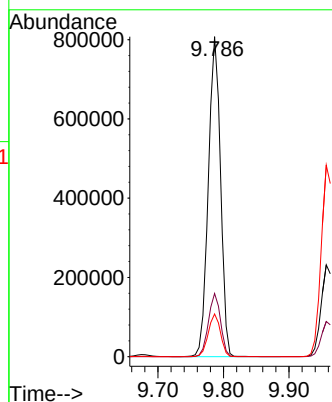
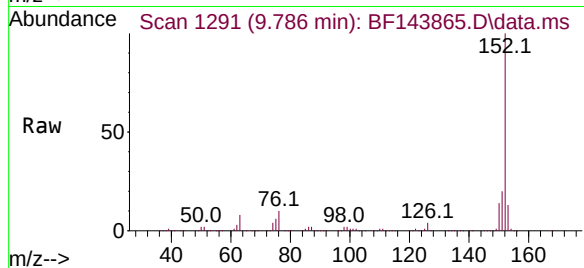
Tgt Ion:152 Resp: 1038980

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 46.985 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

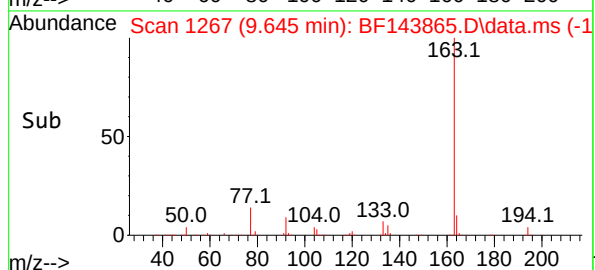
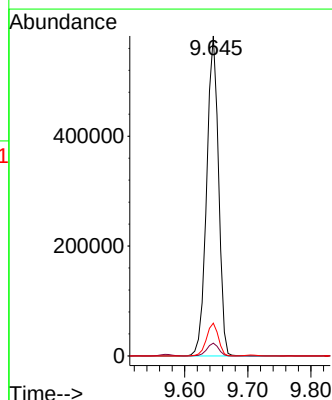
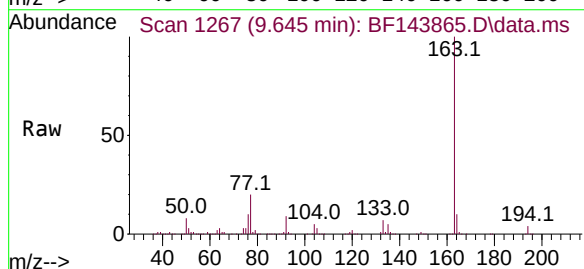
Tgt Ion:163 Resp: 757119

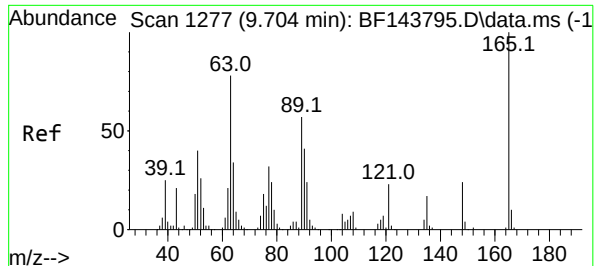
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

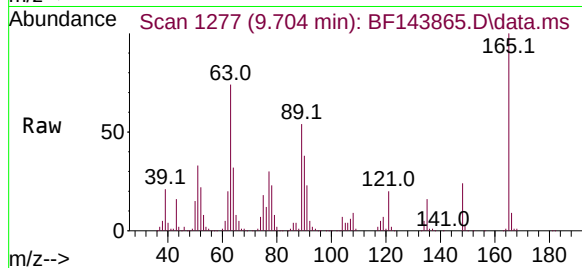
164 10.2 8.2 12.2



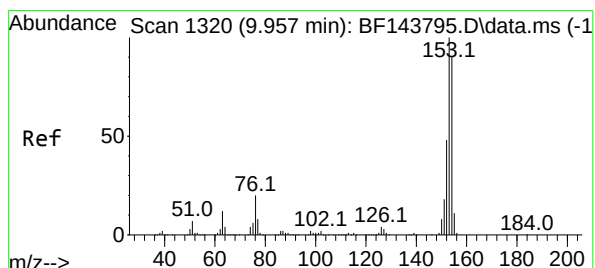
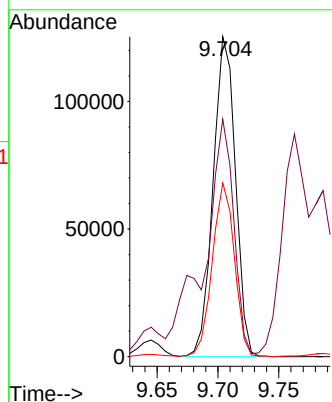
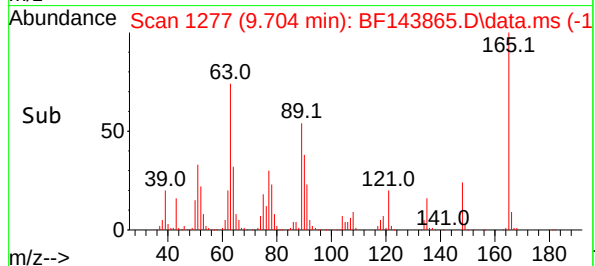


#51
2,6-Dinitrotoluene
Concen: 60.256 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

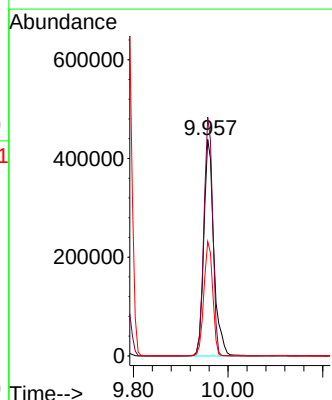
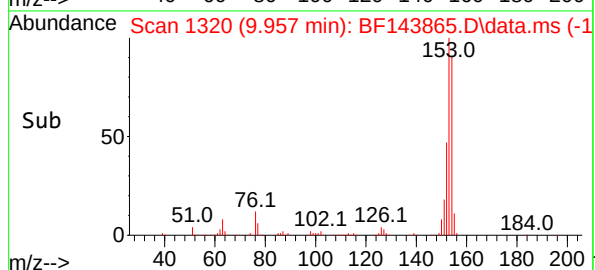
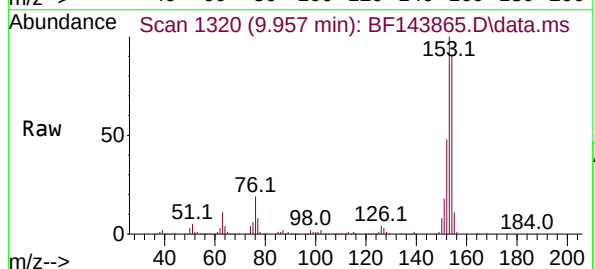


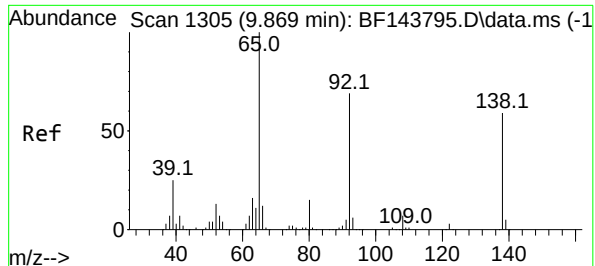
Tgt Ion:165 Resp: 159530
Ion Ratio Lower Upper
165 100
63 74.2 62.6 94.0
89 54.3 45.2 67.8



#52
Acenaphthene
Concen: 46.049 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:154 Resp: 642646
Ion Ratio Lower Upper
154 100
153 110.3 88.7 133.1
152 52.8 42.7 64.1





#53

3-Nitroaniline

Concen: 29.577 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

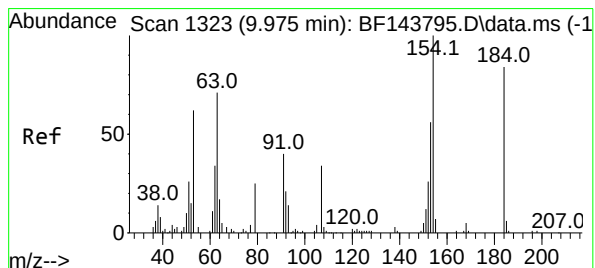
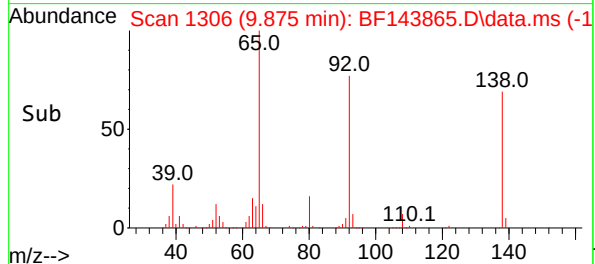
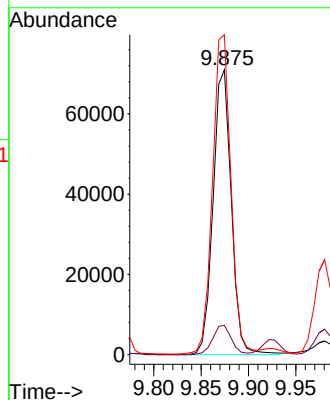
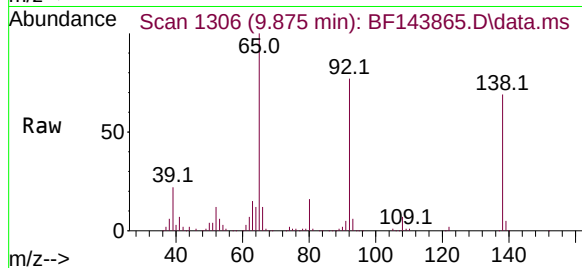
Tgt Ion:138 Resp: 94917

Ion Ratio Lower Upper

138 100

108 10.2 9.9 14.9

92 112.3 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 99.763 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.005 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

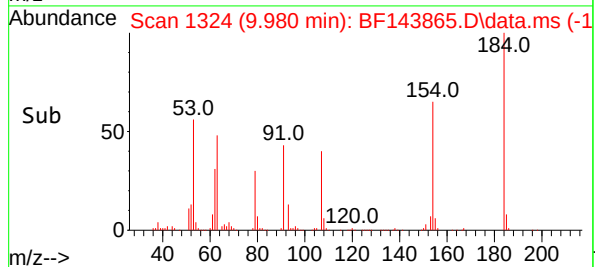
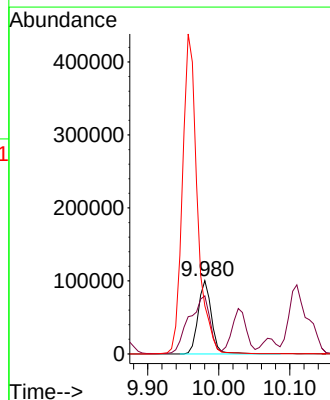
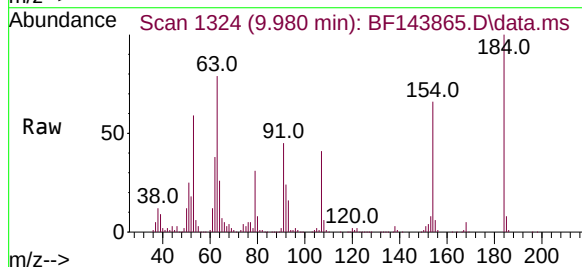
Tgt Ion:184 Resp: 130560

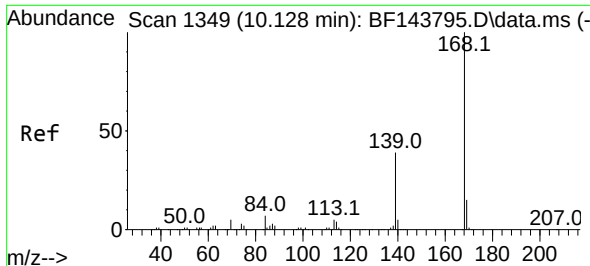
Ion Ratio Lower Upper

184 100

63 79.2 84.6 127.0#

154 65.5 199.3 298.9#





#55

Dibenzenofuran

Concen: 43.511 ng

RT: 10.133 min Scan# 1349

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

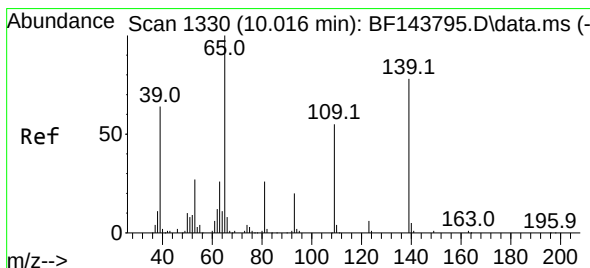
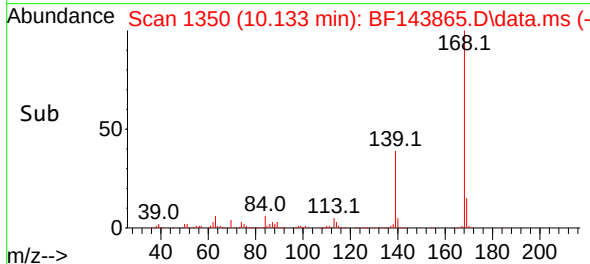
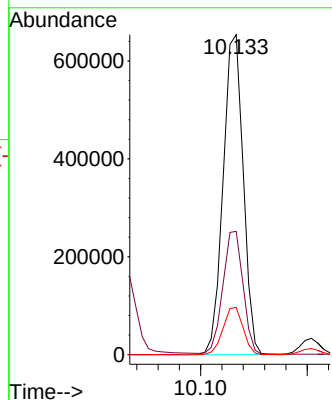
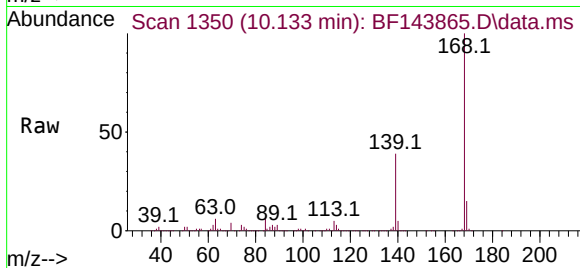
Tgt Ion:168 Resp: 858670

Ion Ratio Lower Upper

168 100

139 38.5 31.0 46.6

169 14.7 11.9 17.9



#56

4-Nitrophenol

Concen: 93.807 ng

RT: 10.027 min Scan# 1332

Delta R.T. 0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

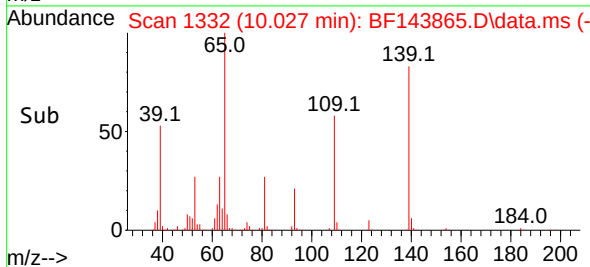
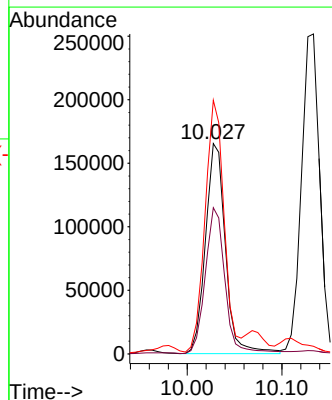
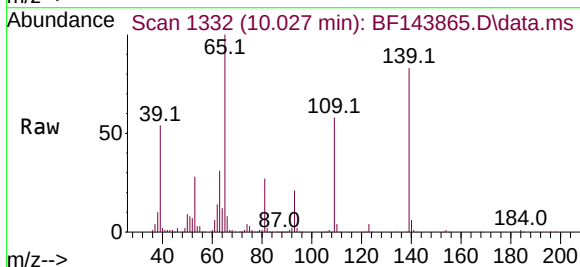
Tgt Ion:139 Resp: 242587

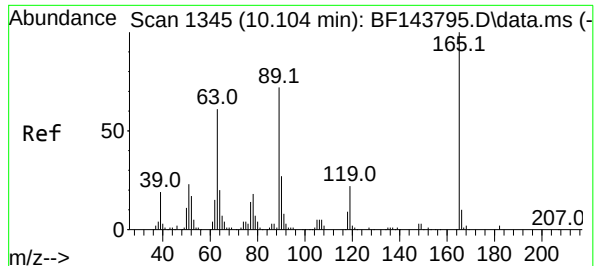
Ion Ratio Lower Upper

139 100

109 69.5 50.2 90.2

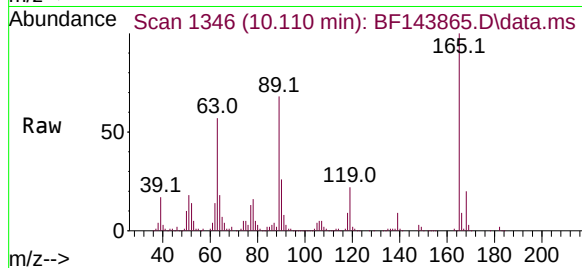
65 120.6 109.2 149.2



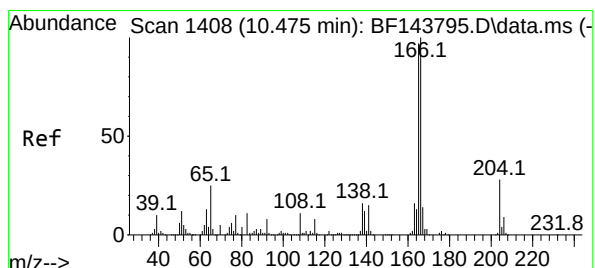
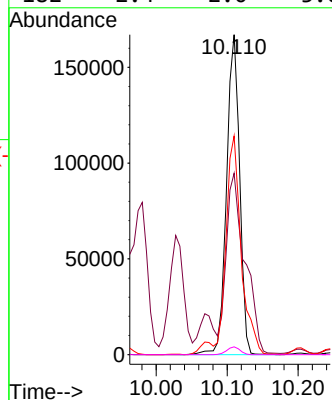
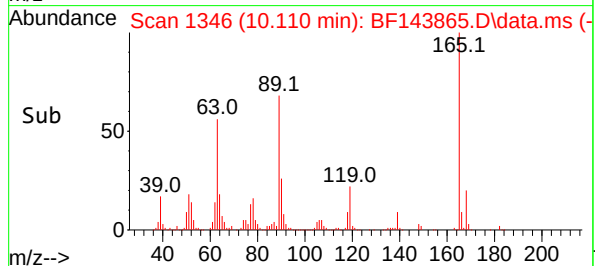


#57
2,4-Dinitrotoluene
Concen: 54.018 ng
RT: 10.110 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

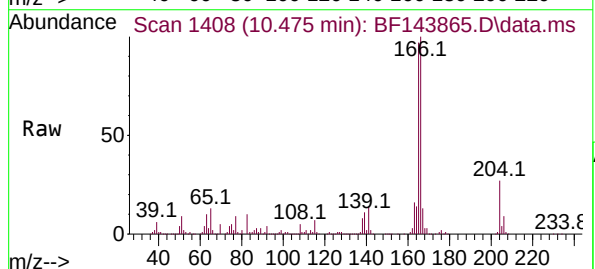
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD



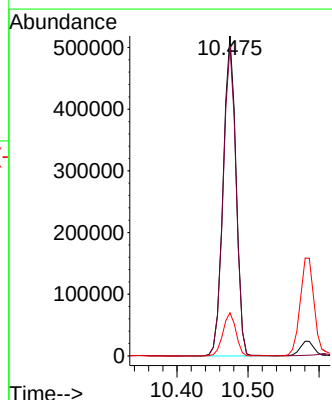
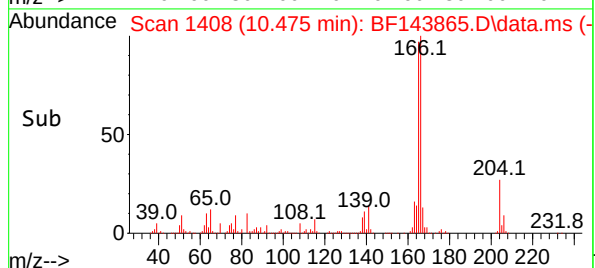
Tgt Ion:165 Resp: 213806
Ion Ratio Lower Upper
165 100
63 56.7 48.9 73.3
89 68.3 57.5 86.3
182 2.4 2.0 3.0

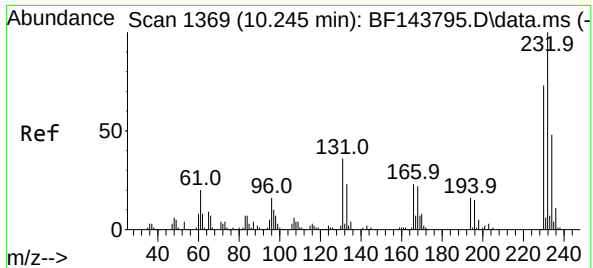


#58
Fluorene
Concen: 44.553 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



Tgt Ion:166 Resp: 653647
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.5 10.9 16.3

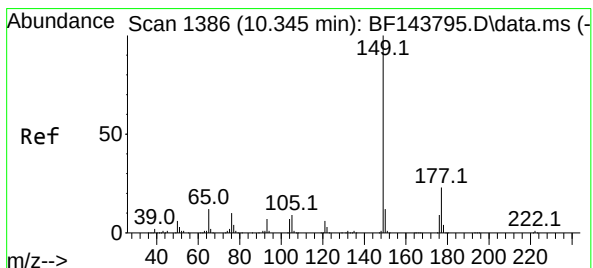
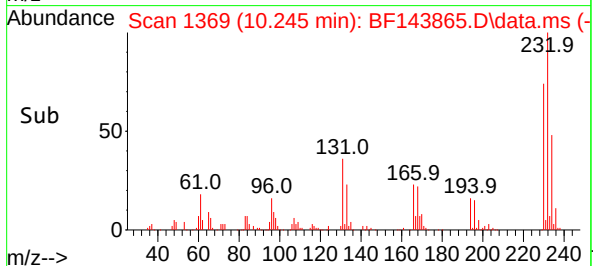
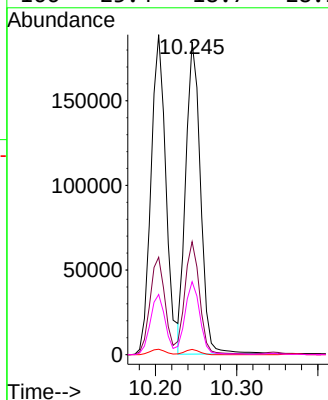
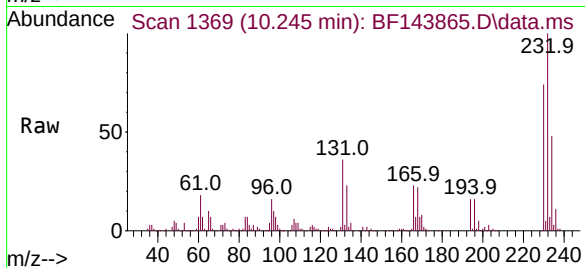




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.109 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

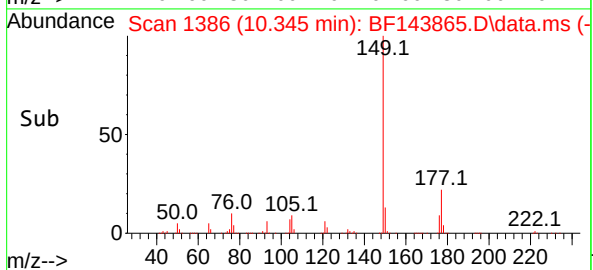
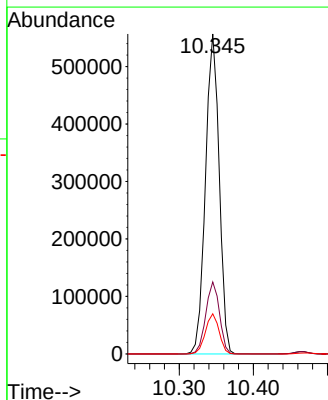
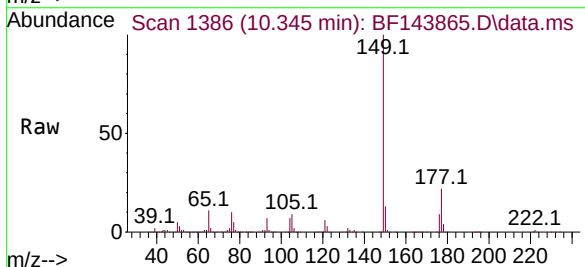
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

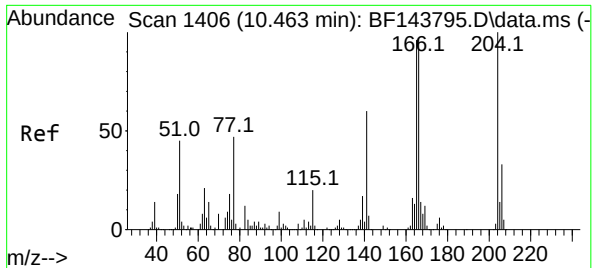
Tgt Ion:232 Resp: 233271
Ion Ratio Lower Upper
232 100
131 36.6 29.4 44.2
130 1.6 1.3 1.9
166 23.4 18.7 28.1



#60
Diethylphthalate
Concen: 47.326 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:149 Resp: 713871
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.5 9.7 14.5

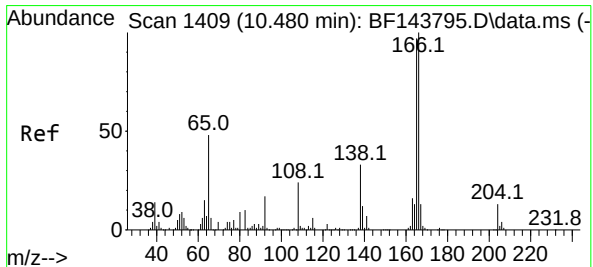
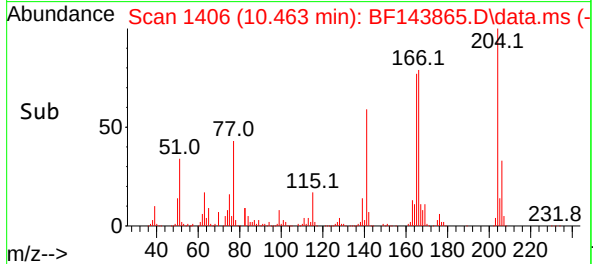
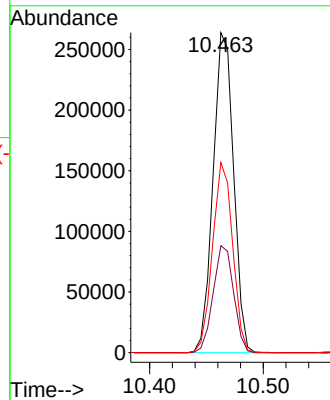
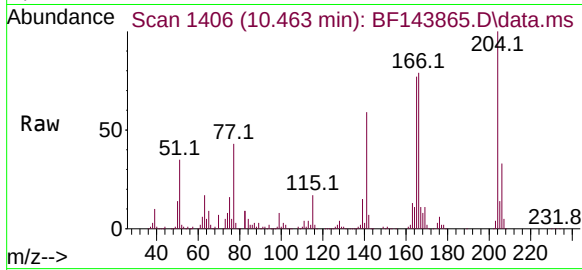




#61
4-Chlorophenyl-phenylether
Concen: 44.265 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

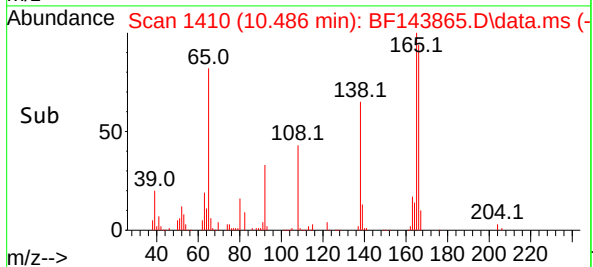
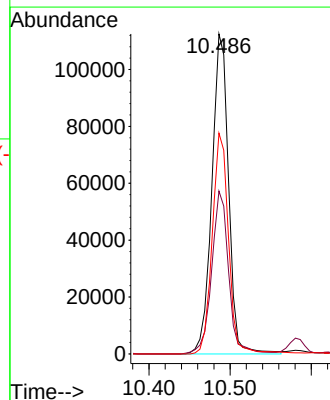
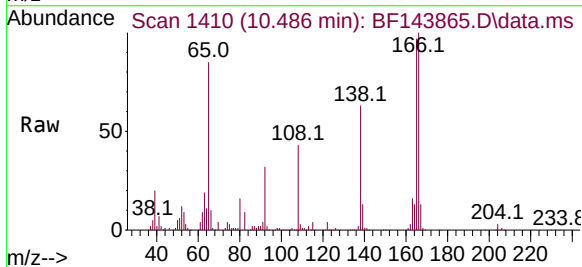
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

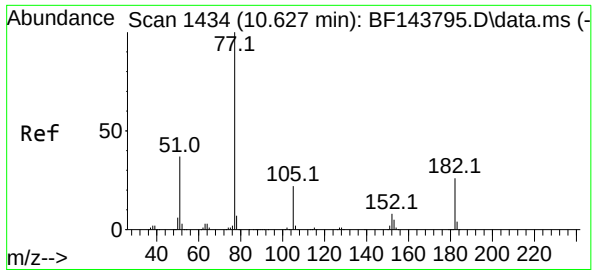
Tgt Ion:204 Resp: 330901
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 59.4 48.2 72.2



#62
4-Nitroaniline
Concen: 53.358 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:138 Resp: 161005
Ion Ratio Lower Upper
138 100
92 50.9 31.5 71.5
108 69.0 51.9 91.9

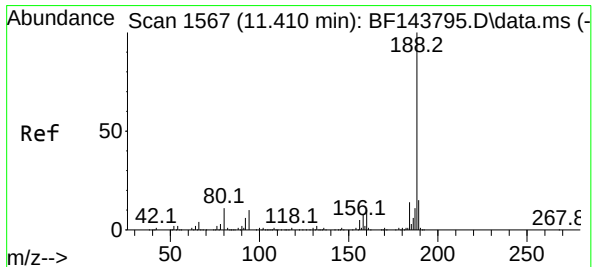
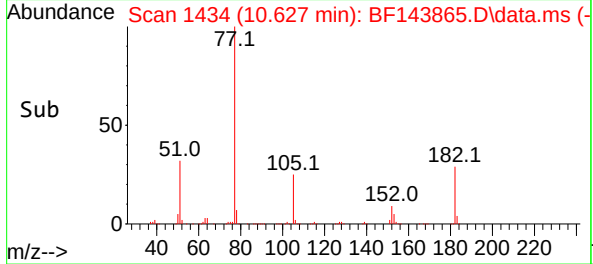
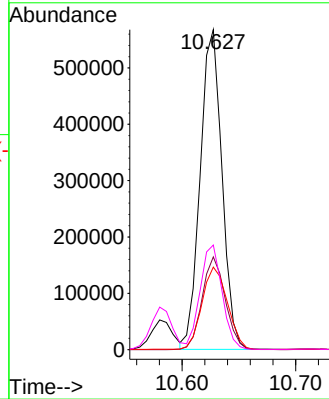
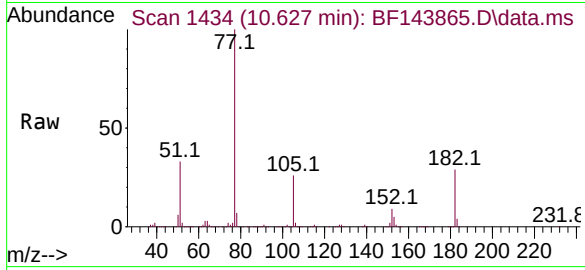




#63
Azobenzene
Concen: 47.547 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

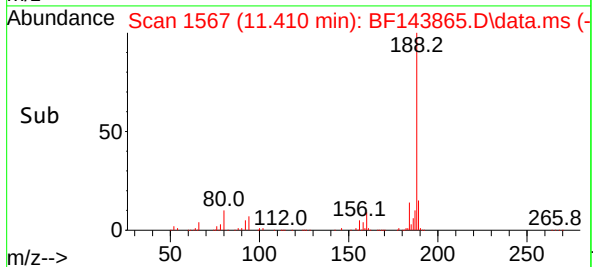
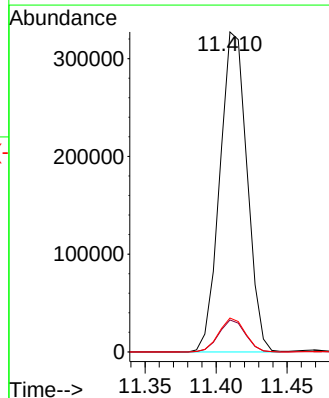
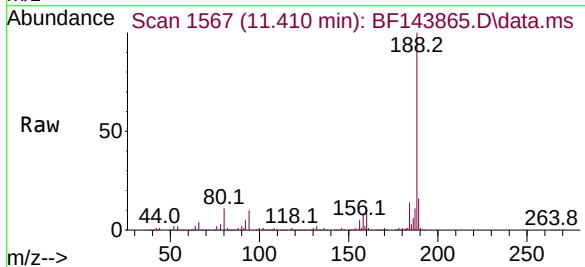
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

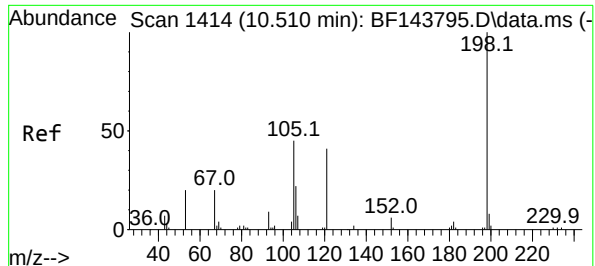
Tgt Ion:	77	Resp:	755872
Ion	Ratio	Lower	Upper
77	100		
182	29.0	5.9	45.9
105	25.8	2.3	42.3
51	32.7	17.6	57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:	188	Resp:	436632
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	10.6	8.6	12.8

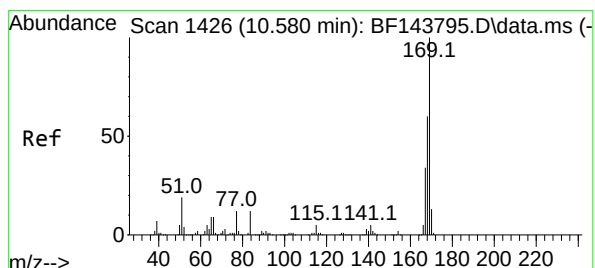
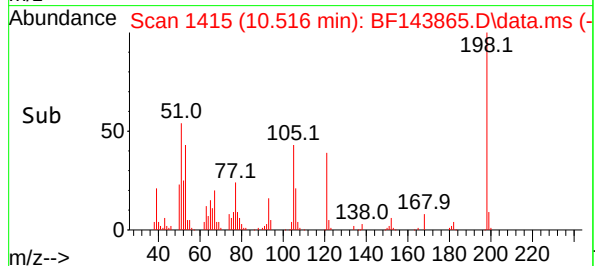
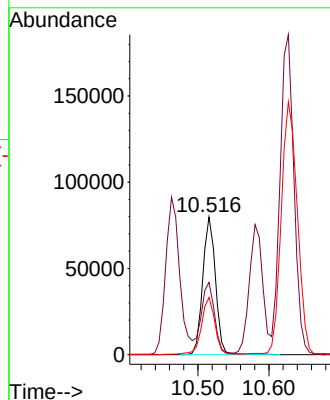
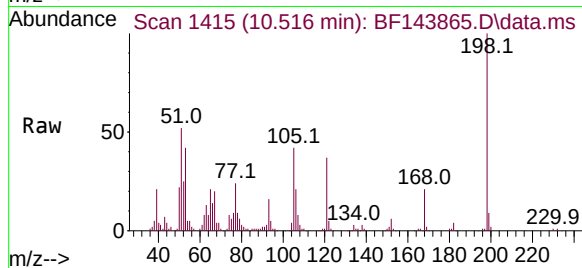




#65
4,6-Dinitro-2-methylphenol
Concen: 58.139 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

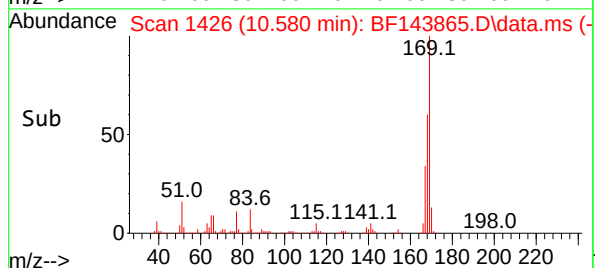
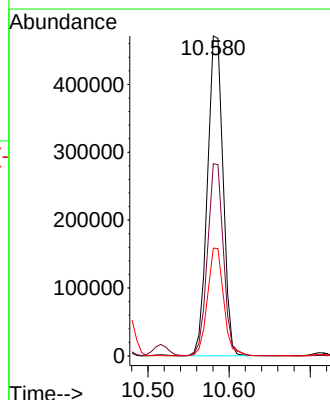
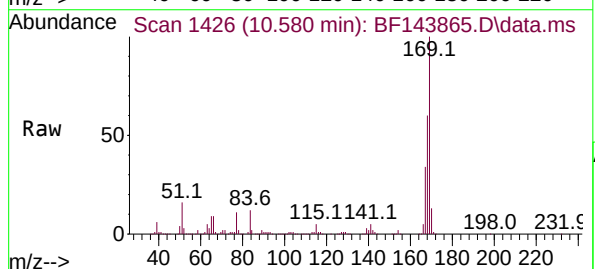
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

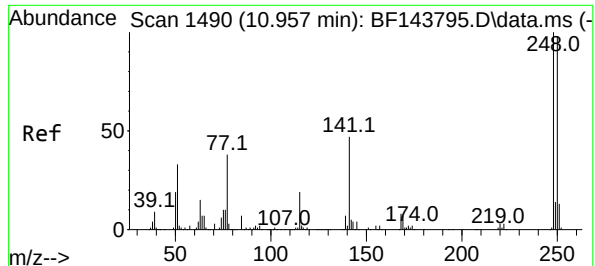
Tgt Ion:198 Resp: 98642
Ion Ratio Lower Upper
198 100
51 52.5 52.0 92.0
105 41.5 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 43.924 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:169 Resp: 630722
Ion Ratio Lower Upper
169 100
168 60.0 47.9 71.9
167 33.7 27.0 40.6

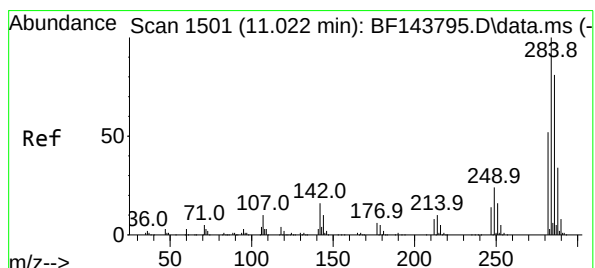
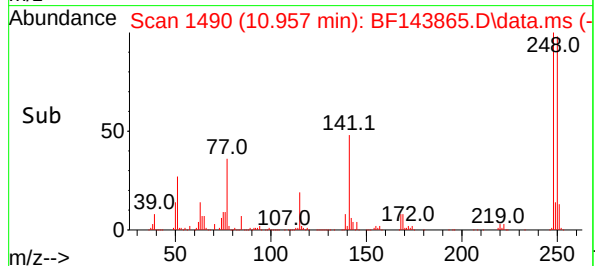
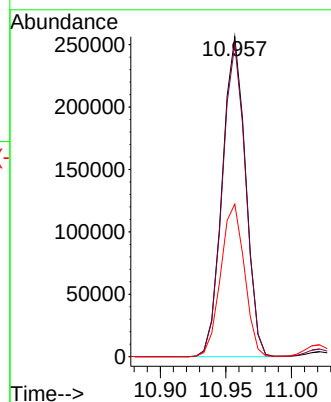
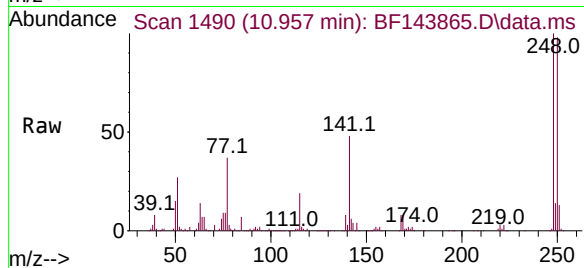




#67
4-Bromophenyl-phenylether
Concen: 42.520 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

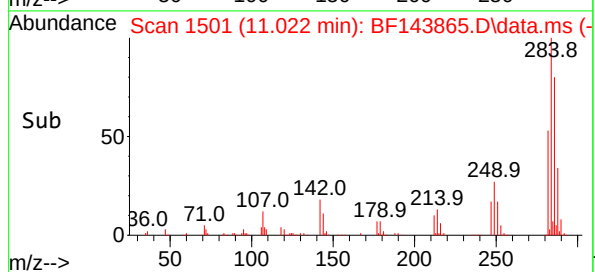
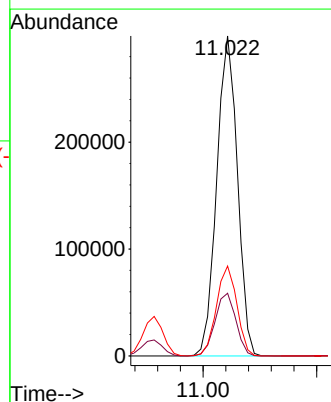
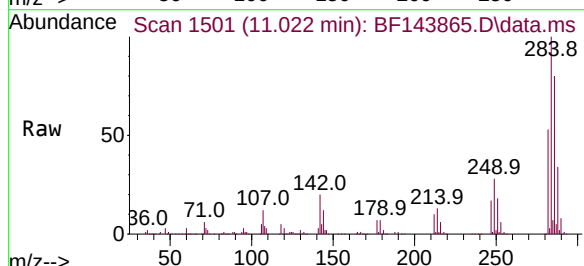
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

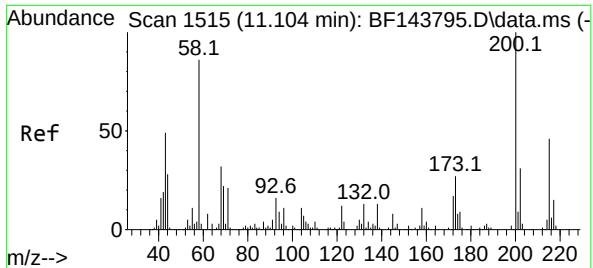
Tgt Ion:248 Resp: 316391
Ion Ratio Lower Upper
248 100
250 97.6 78.7 118.1
141 47.7 37.9 56.9



#68
Hexachlorobenzene
Concen: 36.851 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:284 Resp: 377883
Ion Ratio Lower Upper
284 100
142 19.6 13.1 19.7
249 28.1 19.5 29.3





#69

Atrazine

Concen: 49.100 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

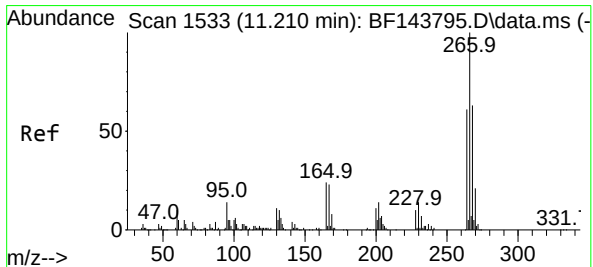
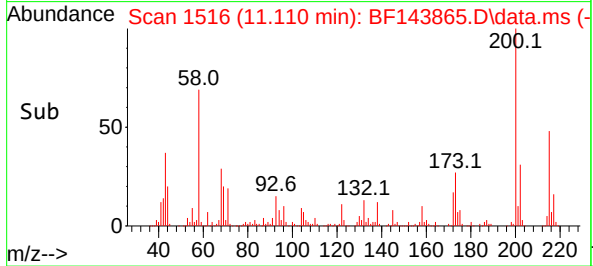
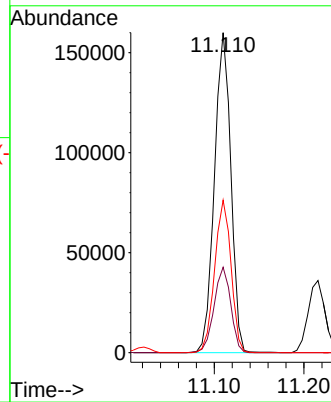
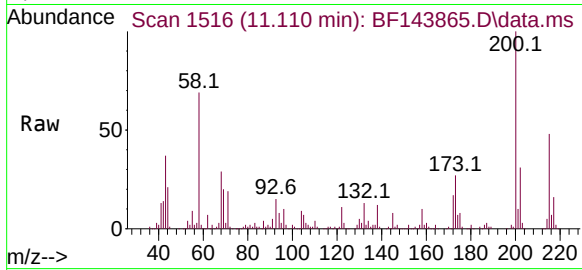
Tgt Ion:200 Resp: 204168

Ion Ratio Lower Upper

200 100

173 26.7 7.2 47.2

215 47.6 26.0 66.0



#70

Pentachlorophenol

Concen: 83.314 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

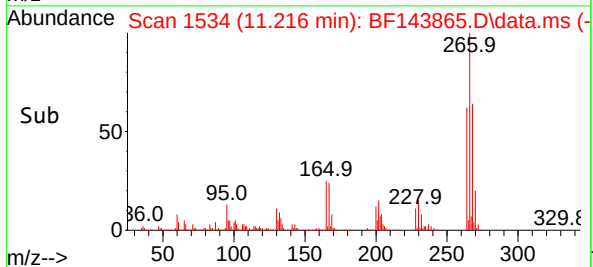
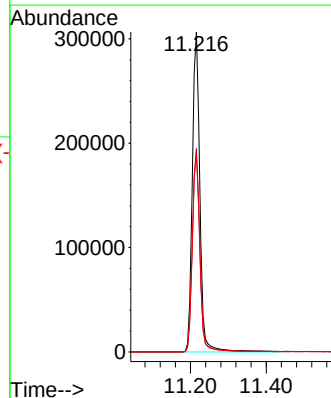
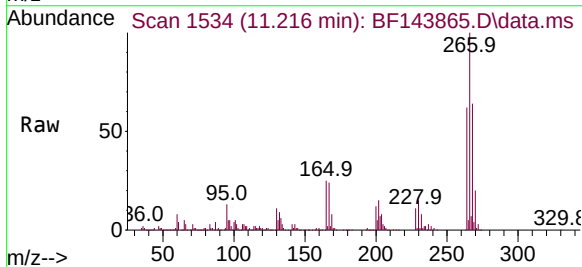
Tgt Ion:266 Resp: 425268

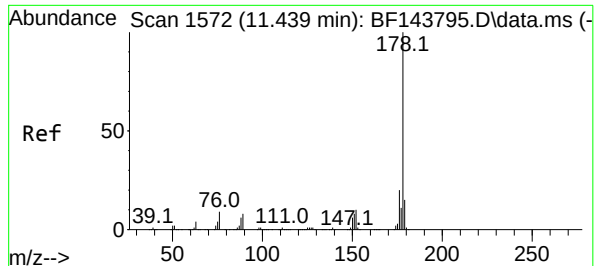
Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

264 61.9 48.8 73.2





#71

Phenanthrene

Concen: 42.984 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

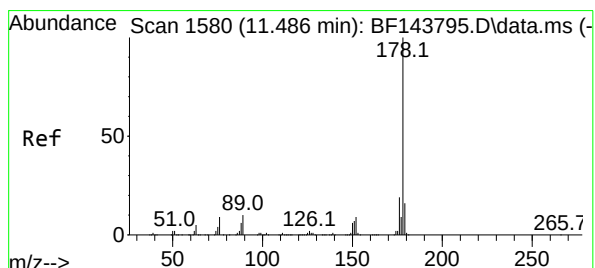
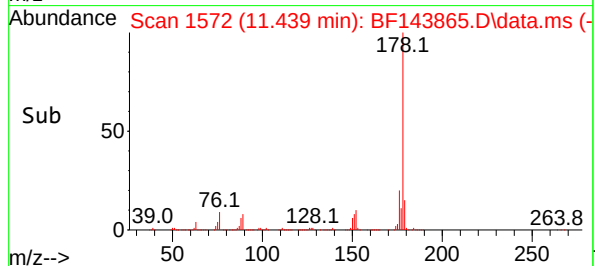
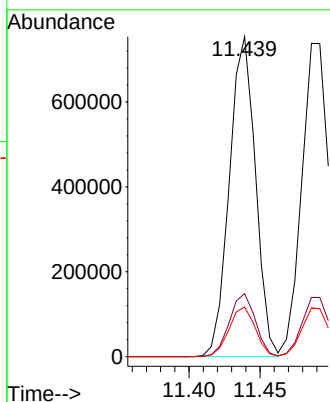
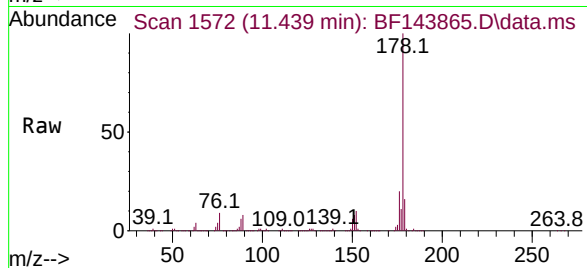
Tgt Ion:178 Resp: 963551

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.5 12.2 18.4



#72

Anthracene

Concen: 43.918 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

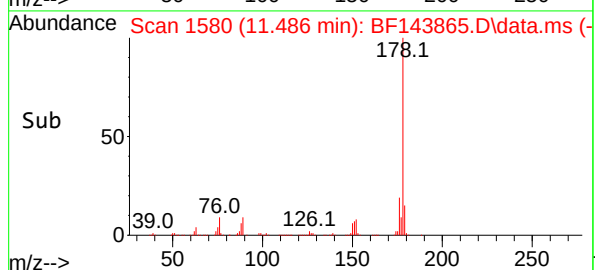
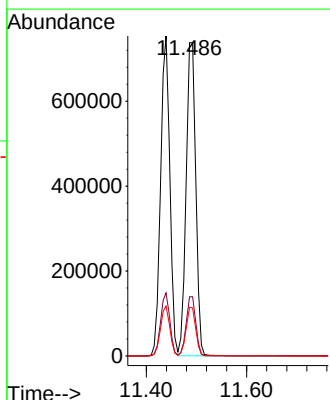
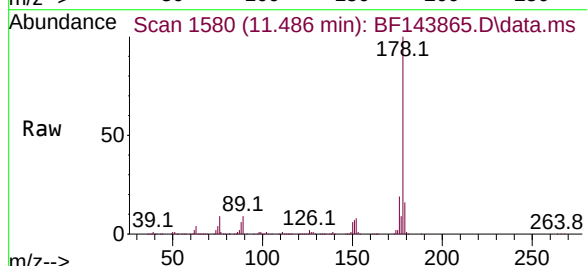
Tgt Ion:178 Resp: 987531

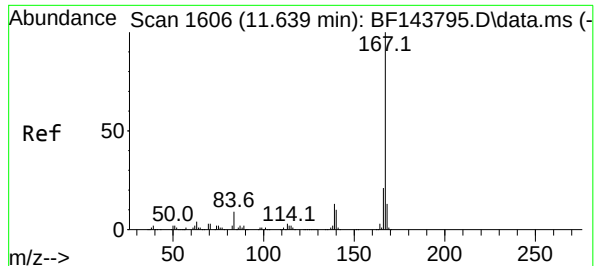
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.8 19.2





#73

Carbazole

Concen: 43.559 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

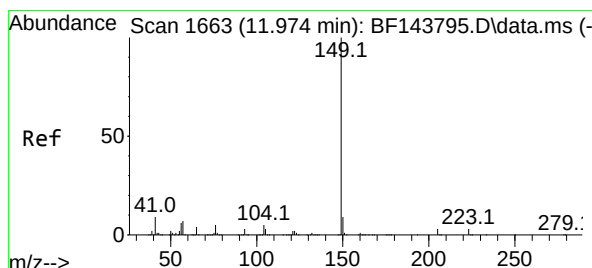
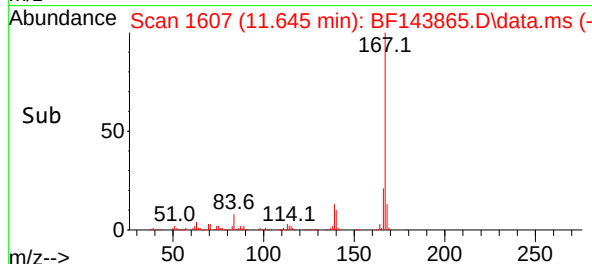
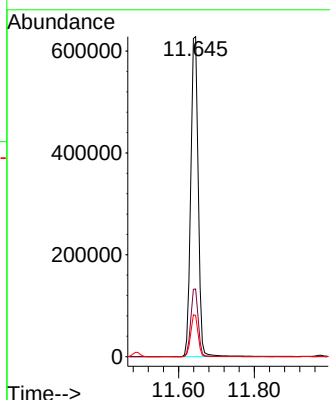
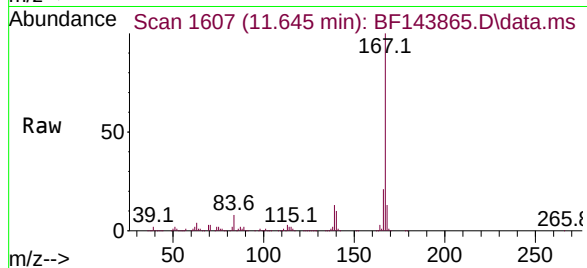
Tgt Ion:167 Resp: 856354

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.185 ng

RT: 11.974 min Scan# 1663

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

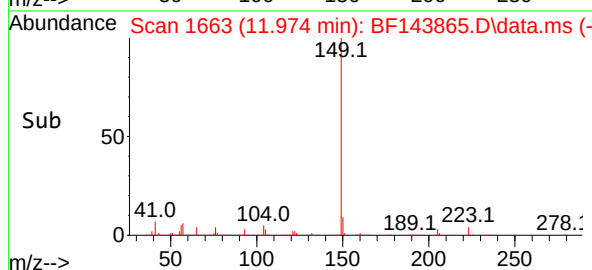
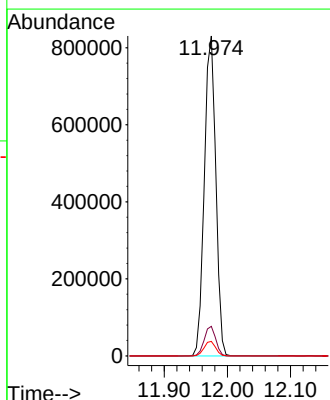
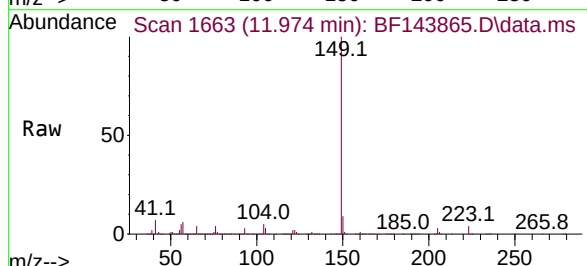
Tgt Ion:149 Resp: 1044247

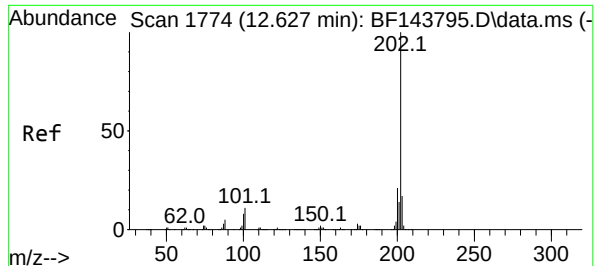
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.5 3.6 5.4

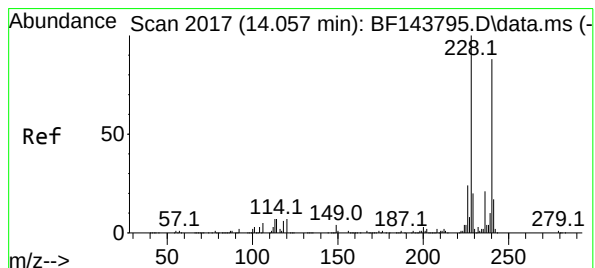
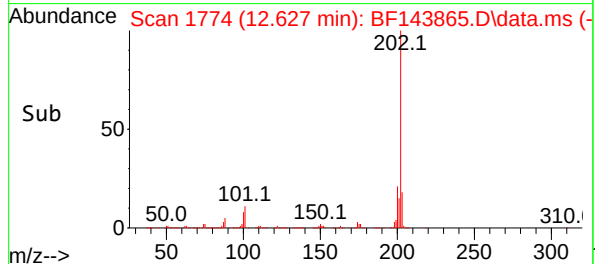
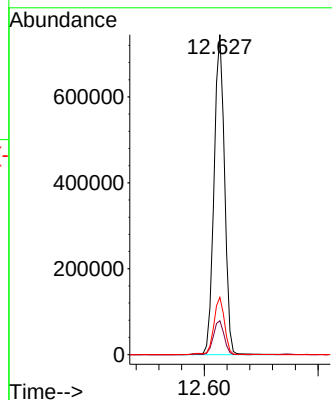
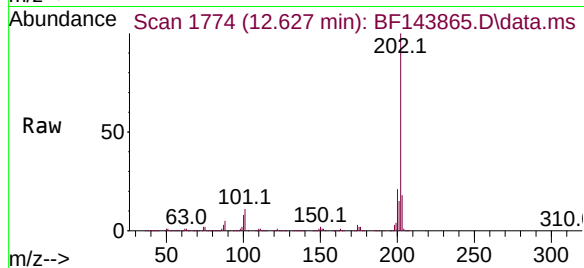




#75
Fluoranthene
Concen: 42.523 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

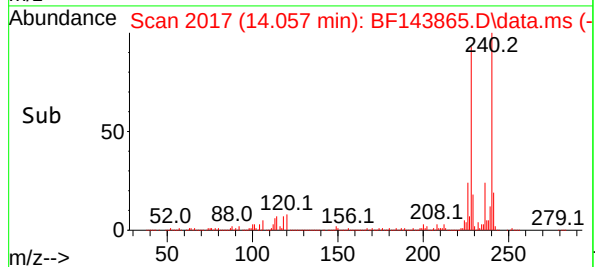
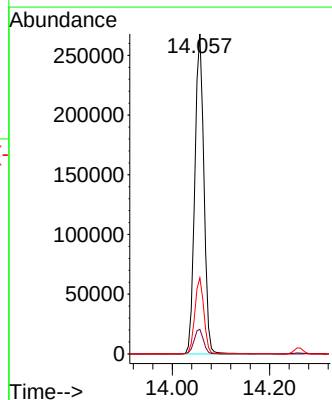
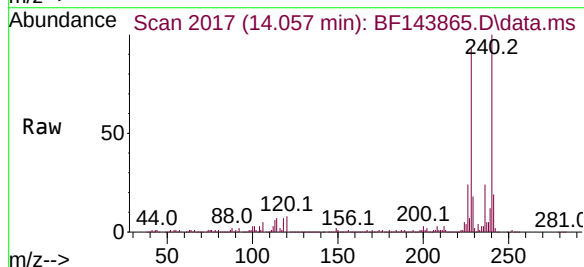
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

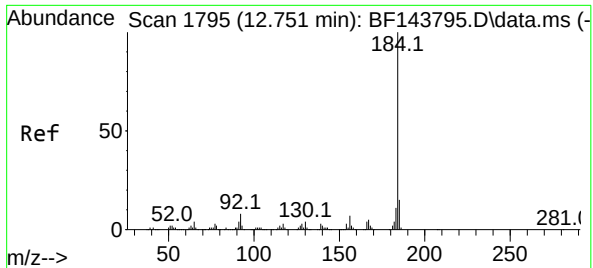
Tgt Ion:202 Resp: 958716
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.1
203 17.9 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:240 Resp: 345011
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.4
236 23.8 19.4 29.2

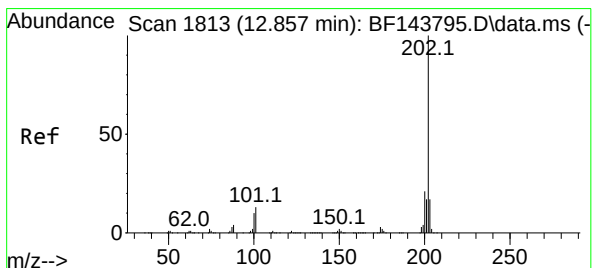
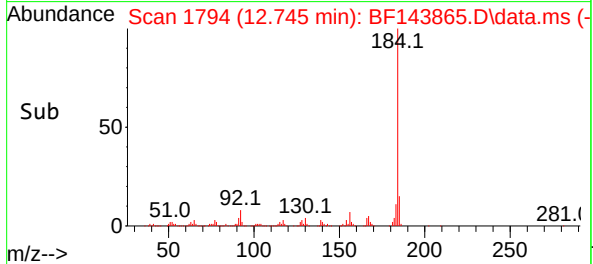
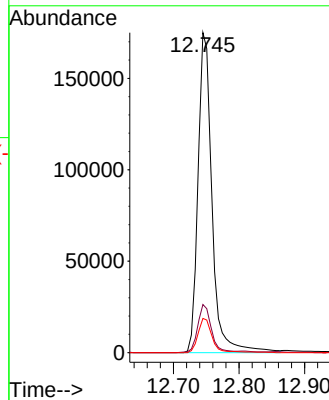
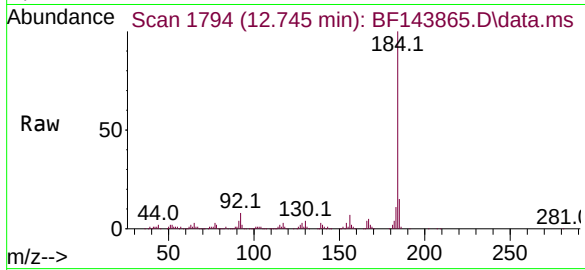




#77
Benzidine
Concen: 30.781 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

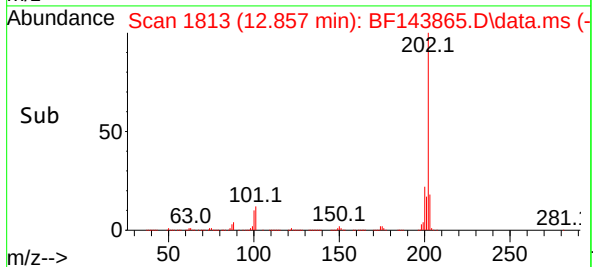
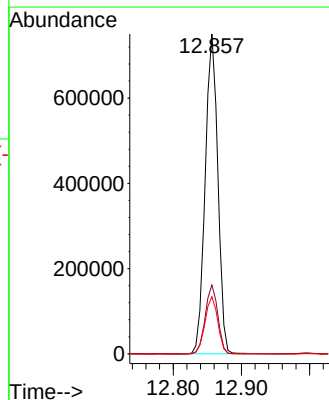
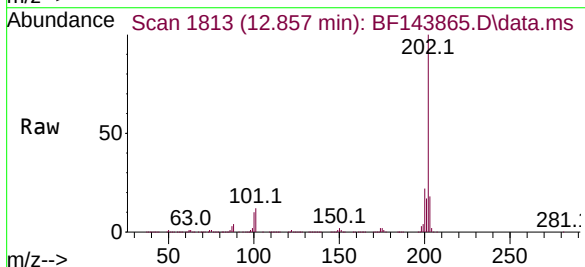
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

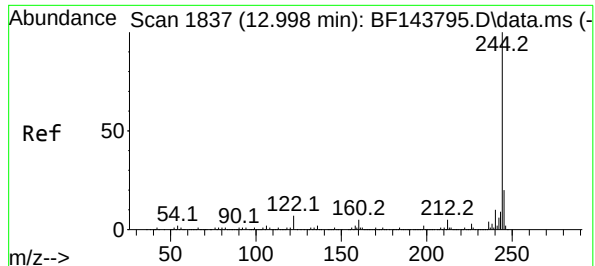
Tgt Ion:184 Resp: 258779
Ion Ratio Lower Upper
184 100
185 15.0 11.6 17.4
183 10.7 8.6 13.0



#78
Pyrene
Concen: 56.984 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:202 Resp: 966574
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.9 13.9 20.9





#79

Terphenyl-d14

Concen: 63.446 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

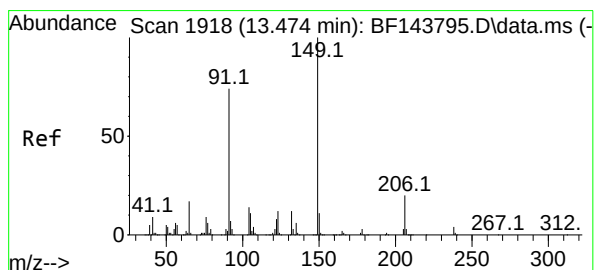
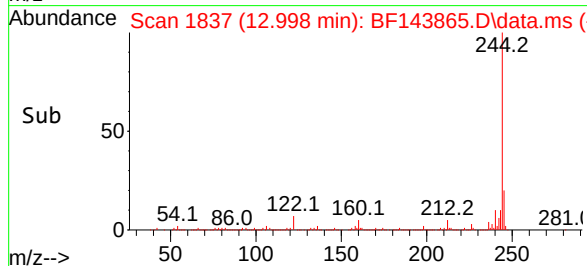
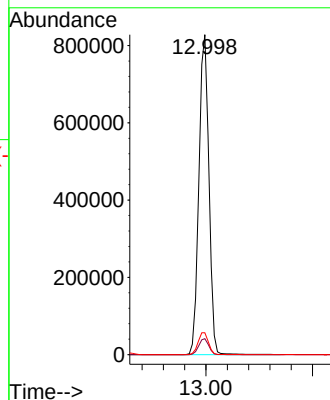
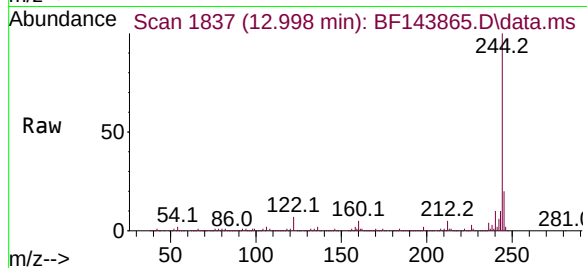
Tgt Ion:244 Resp: 1076320

Ion Ratio Lower Upper

244 100

212 5.0 3.9 5.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 60.090 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

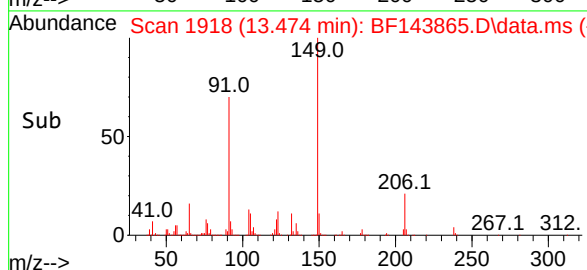
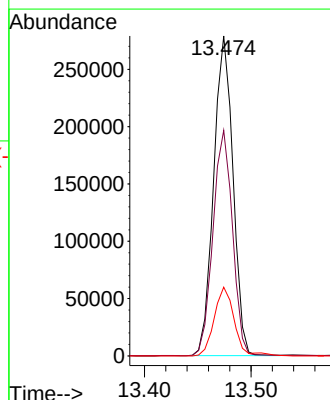
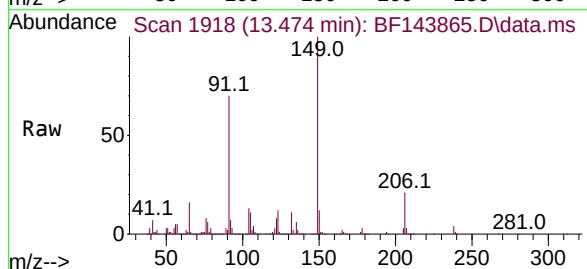
Tgt Ion:149 Resp: 352636

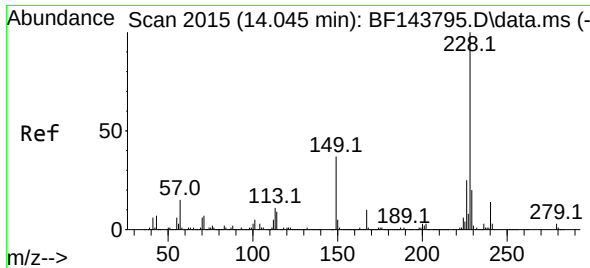
Ion Ratio Lower Upper

149 100

91 70.5 59.5 89.3

206 21.5 16.1 24.1

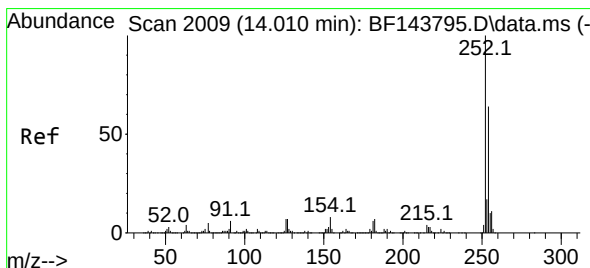
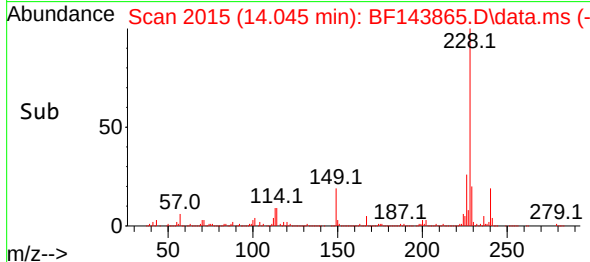
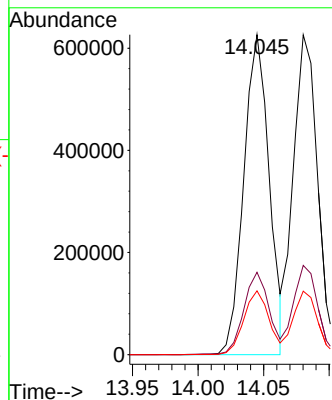
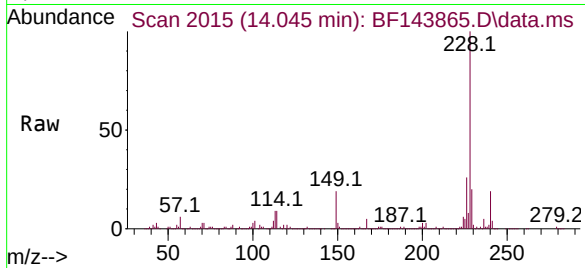




#81
Benzo(a)anthracene
Concen: 45.607 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

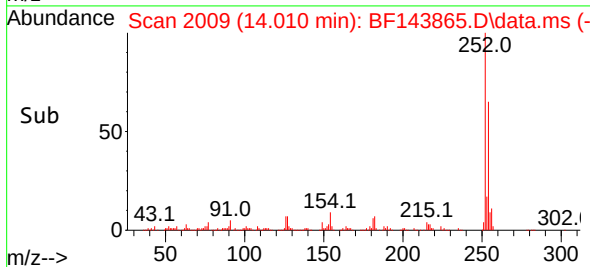
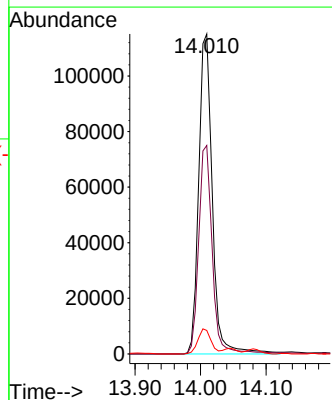
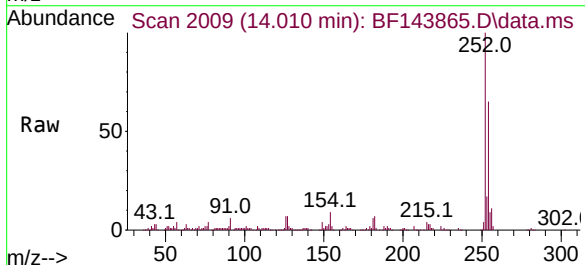
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

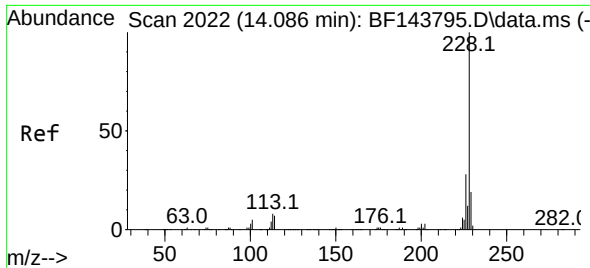
Tgt Ion:228 Resp: 845318
Ion Ratio Lower Upper
228 100
226 25.7 20.2 30.2
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 20.522 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:252 Resp: 164787
Ion Ratio Lower Upper
252 100
254 65.1 51.5 77.3
126 7.3 5.4 8.2

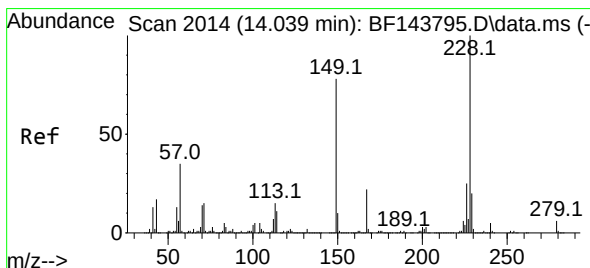
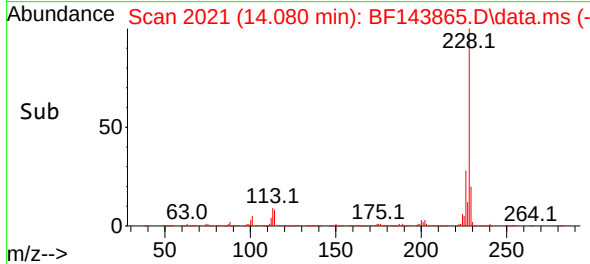
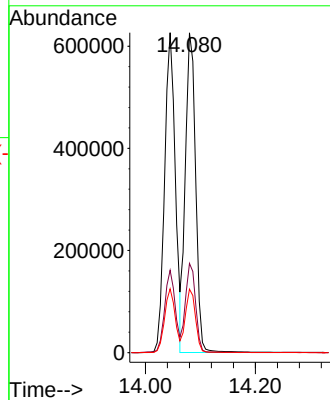
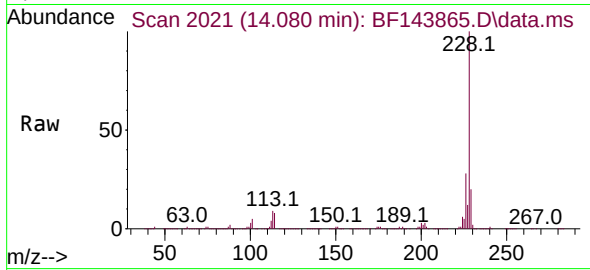




#83
Chrysene
Concen: 48.293 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

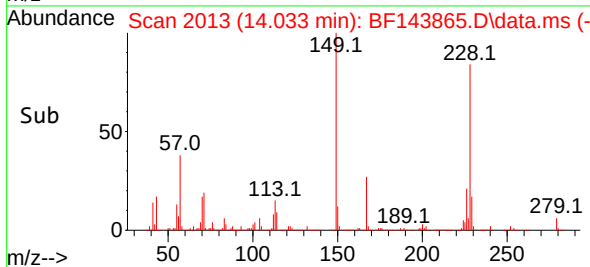
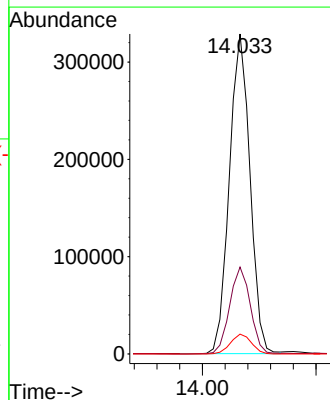
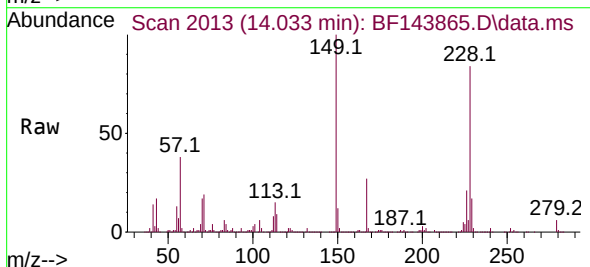
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

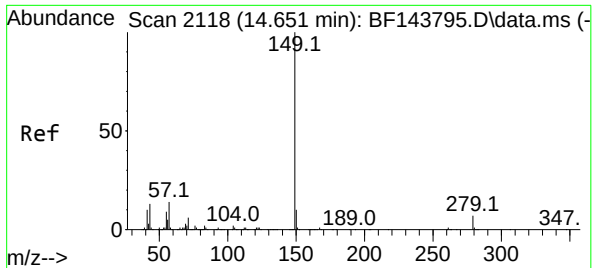
Tgt Ion:228 Resp: 809937
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.188 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:149 Resp: 414506
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.2
279 6.2 6.0 9.0

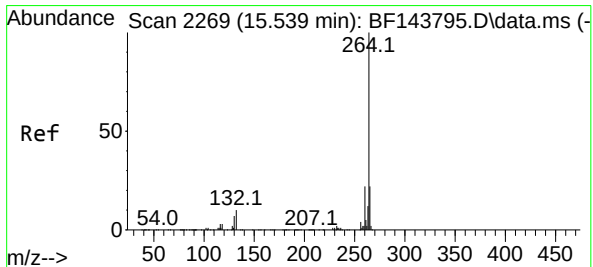
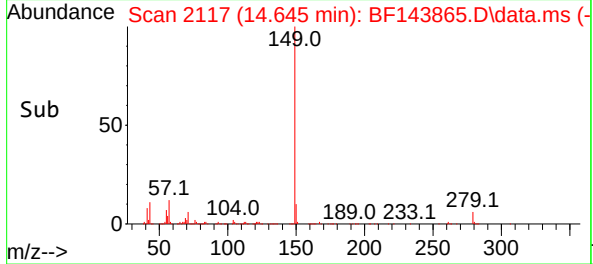
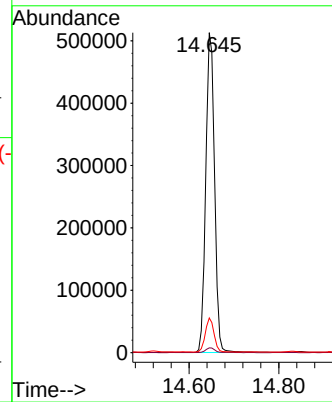
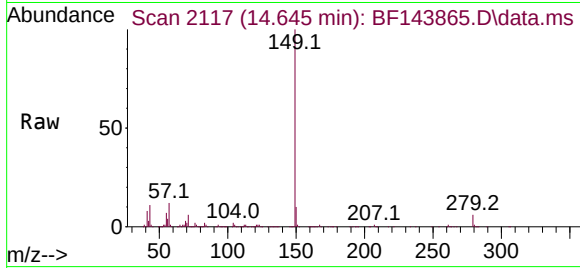




#85
Di-n-octyl phthalate
Concen: 44.561 ng
RT: 14.645 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

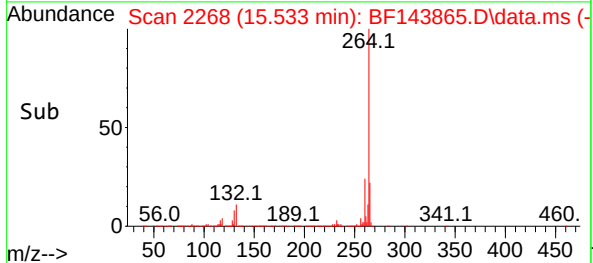
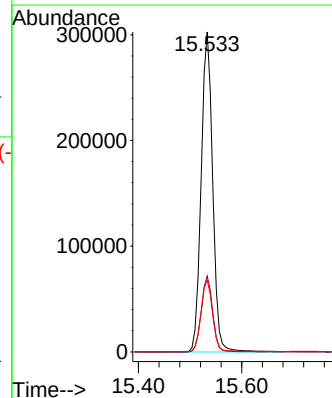
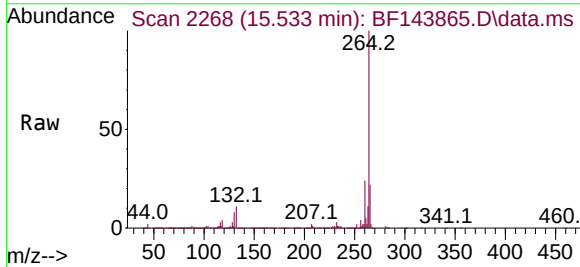
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

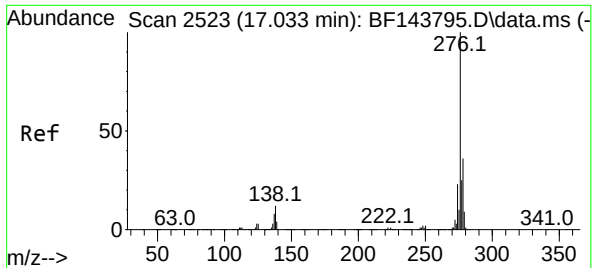
Tgt Ion:149 Resp: 695292
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 10.4 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:264 Resp: 467433
Ion Ratio Lower Upper
264 100
260 23.7 17.9 26.9
265 22.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.863 ng

RT: 17.033 min Scan# 2194

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

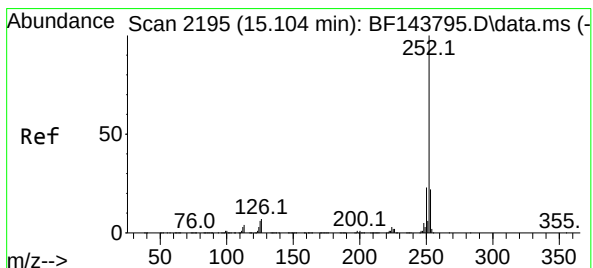
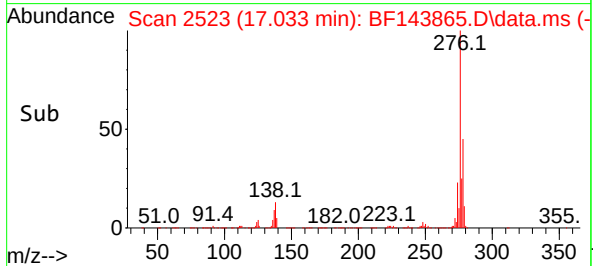
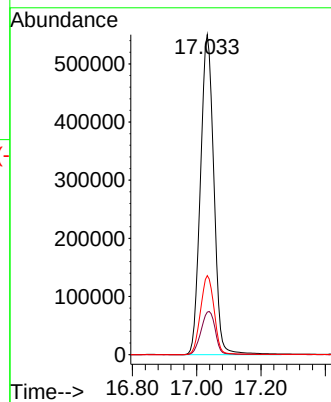
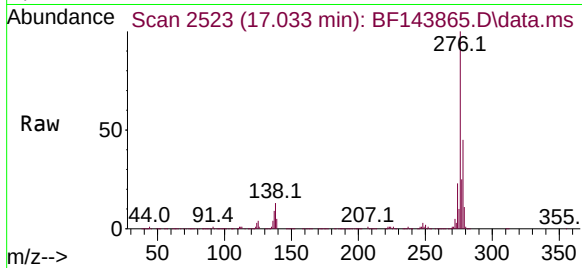
Tgt Ion:276 Resp: 1591120

Ion Ratio Lower Upper

276 100

138 14.4 10.6 15.8

277 25.2 20.7 31.1



#88

Benzo(b)fluoranthene

Concen: 48.632 ng

RT: 15.098 min Scan# 2194

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

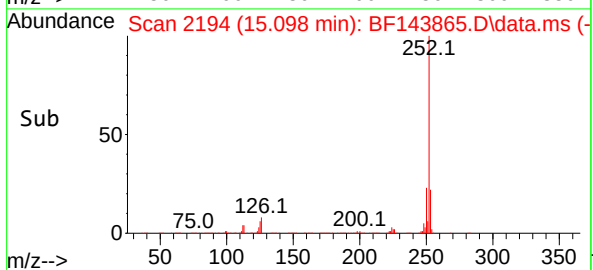
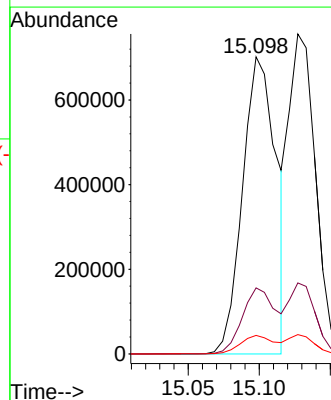
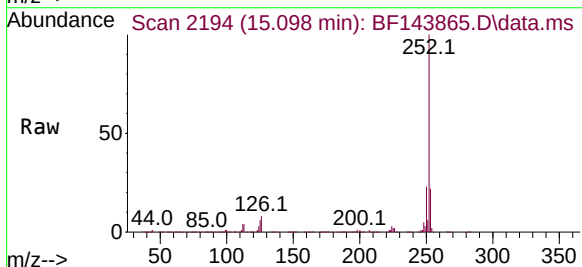
Tgt Ion:252 Resp: 1157629

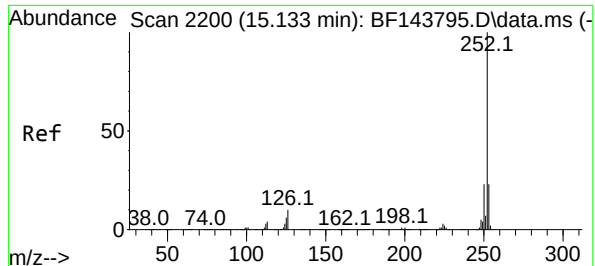
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 6.2 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 42.225 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

ENV-3-6FTMSD

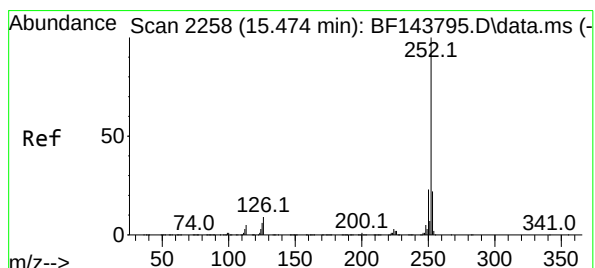
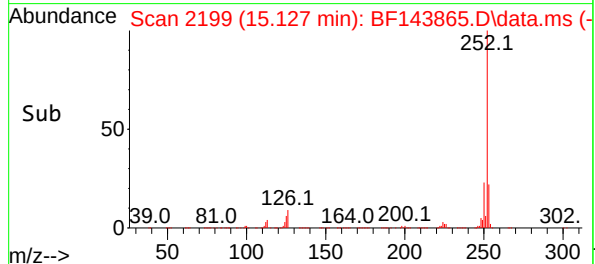
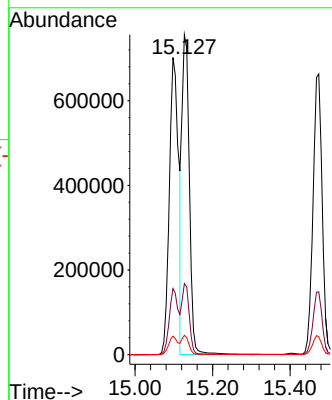
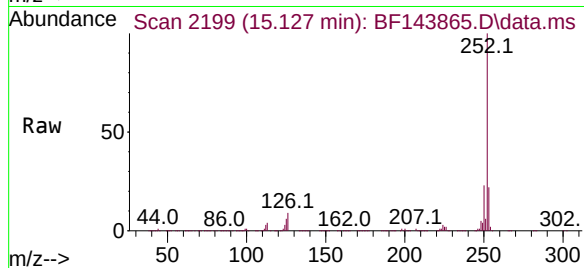
Tgt Ion:252 Resp: 1009802

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 6.0 4.6 6.8



#90

Benzo(a)pyrene

Concen: 48.614 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

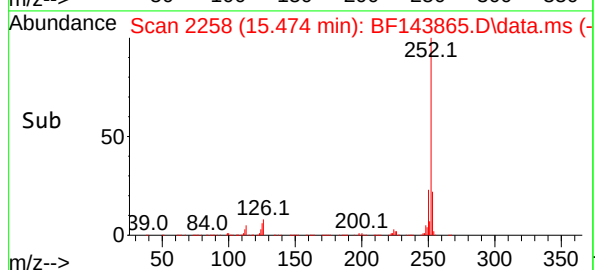
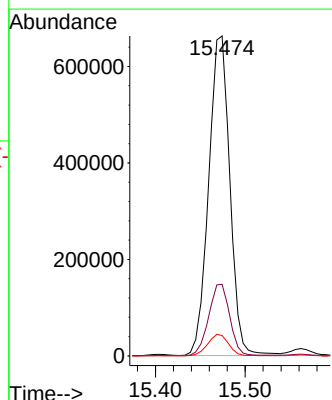
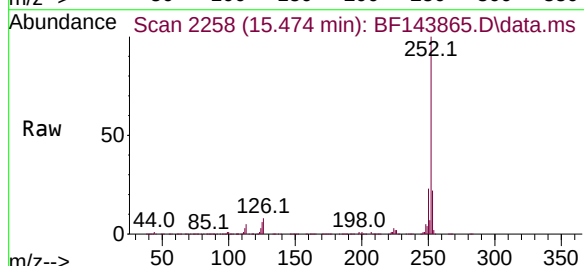
Tgt Ion:252 Resp: 1087757

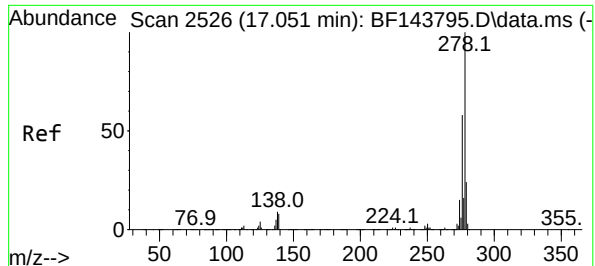
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 6.4 5.0 7.4

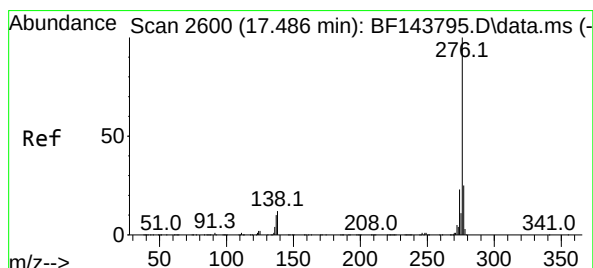
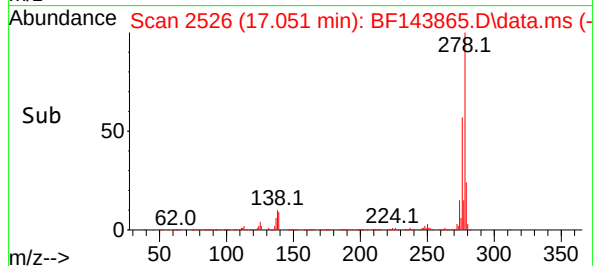
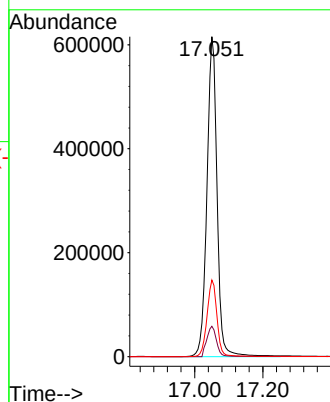
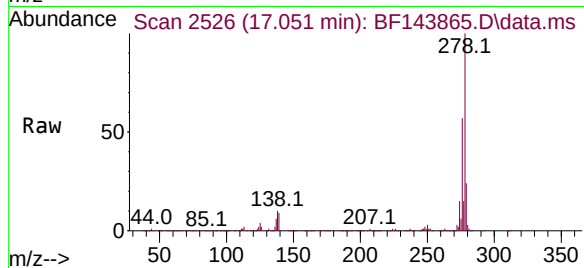




#91
Dibenzo(a,h)anthracene
Concen: 43.854 ng
RT: 17.051 min Scan# 2526
Delta R.T. -0.018 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

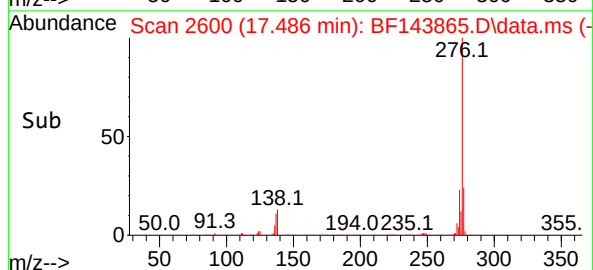
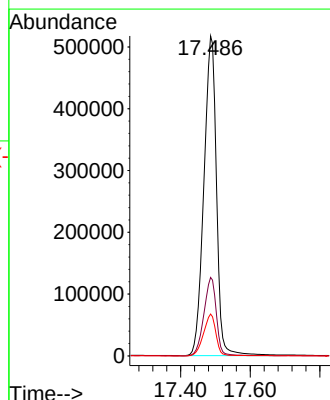
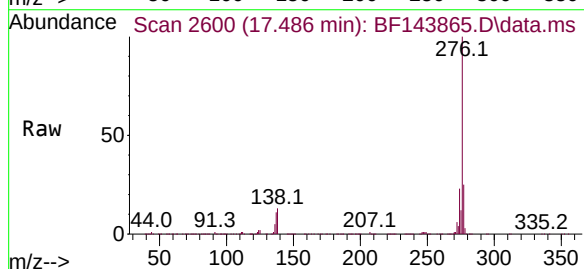
Instrument :
BNA_F
ClientSampleId :
ENV-3-6FTMSD

Tgt Ion:278 Resp: 1272126
Ion Ratio Lower Upper
278 100
139 9.5 6.7 10.1
279 23.9 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 46.529 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:276 Resp: 1301075
Ion Ratio Lower Upper
276 100
277 24.5 19.6 29.4
138 13.1 9.2 13.8



Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MSD	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025936.D	1	10/06/25 09:15	10/06/25 23:51	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	720		100	220	ug/Kg
108-95-2	Phenol	980		14.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		16.2	110	ug/Kg
95-57-8	2-Chlorophenol	1000		16.3	110	ug/Kg
95-48-7	2-Methylphenol	980		19.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	830		25.0	110	ug/Kg
98-86-2	Acetophenone	1100		19.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	930		27.4	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	890		31.6	53.3	ug/Kg
67-72-1	Hexachloroethane	950		11.7	110	ug/Kg
98-95-3	Nitrobenzene	960		12.2	110	ug/Kg
78-59-1	Isophorone	920		21.9	110	ug/Kg
88-75-5	2-Nitrophenol	1100		38.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		43.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		20.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		18.9	110	ug/Kg
91-20-3	Naphthalene	960		15.1	110	ug/Kg
106-47-8	4-Chloroaniline	660		23.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		16.9	110	ug/Kg
105-60-2	Caprolactam	930		34.7	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		19.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	990		17.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		77.3	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		13.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		19.4	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		14.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		15.0	110	ug/Kg
88-74-4	2-Nitroaniline	980		32.1	110	ug/Kg
131-11-3	Dimethylphthalate	950		18.1	110	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MSD	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025936.D	1	10/06/25 09:15	10/06/25 23:51	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	990		19.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		22.4	110	ug/Kg
99-09-2	3-Nitroaniline	730		30.7	110	ug/Kg
83-32-9	Acenaphthene	960		14.2	110	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		150	220	ug/Kg
100-02-7	4-Nitrophenol	1600		71.3	220	ug/Kg
132-64-9	Dibenzofuran	960		15.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		33.4	110	ug/Kg
84-66-2	Diethylphthalate	970		18.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		17.8	110	ug/Kg
86-73-7	Fluorene	990		16.9	110	ug/Kg
100-01-6	4-Nitroaniline	1000		42.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		68.6	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		21.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		18.5	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		16.9	110	ug/Kg
1912-24-9	Atrazine	1100		22.7	110	ug/Kg
87-86-5	Pentachlorophenol	2100	E	34.2	220	ug/Kg
85-01-8	Phenanthrene	1000		13.9	110	ug/Kg
120-12-7	Anthracene	1000		22.2	110	ug/Kg
86-74-8	Carbazole	1000		20.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		31.9	110	ug/Kg
206-44-0	Fluoranthene	1000		20.0	110	ug/Kg
129-00-0	Pyrene	1000		24.0	110	ug/Kg
85-68-7	Butylbenzylphthalate	1000		47.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	810		24.5	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		15.3	110	ug/Kg
218-01-9	Chrysene	1000		13.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		39.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		57.8	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		12.7	110	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	72-11966MSD	SDG No.:	Q3266
Lab Sample ID:	Q3289-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025936.D	1	10/06/25 09:15	10/06/25 23:51	PB169989

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1000		14.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1000		19.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		19.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		18.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		17.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		17.1	110	ug/Kg
123-91-1	1,4-Dioxane	810		30.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		18.3	110	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	69.9		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	69.6		15 - 107	46%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.3		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	35.2		20 - 109	35%	SPK: 100
118-79-6	2,4,6-Tribromophenol	65.8		10 - 116	44%	SPK: 150
1718-51-0	Terphenyl-d14	42.4		10 - 105	42%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	154000	7.737			
1146-65-2	Naphthalene-d8	597000	10.502			
15067-26-2	Acenaphthene-d10	396000	14.342			
1517-22-2	Phenanthrene-d10	796000	17.136			
1719-03-5	Chrysene-d12	843000	21.577			
1520-96-3	Perylene-d12	987000	24.918			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025936.D
 Acq On : 06 Oct 2025 23:51
 Operator : CG/JU
 Sample : Q3289-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966MSD

Quant Time: Oct 07 02:11:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	153847	20.000	ng	-0.02
21) Naphthalene-d8	10.502	136	597298	20.000	ng	-0.02
39) Acenaphthene-d10	14.342	164	396048	20.000	ng	-0.04
64) Phenanthrene-d10	17.136	188	796318	20.000	ng	-0.05
76) Chrysene-d12	21.577	240	842677	20.000	ng	-0.06
86) Perylene-d12	24.918	264	987151	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	666428	69.895	ng	0.00
7) Phenol-d6	6.943	99	881935	69.590	ng	0.00
23) Nitrobenzene-d5	8.884	82	519129	38.338	ng	-0.02
42) 2,4,6-Tribromophenol	15.860	330	325277	65.847	ng	-0.05
45) 2-Fluorobiphenyl	12.960	172	1047798	35.227	ng	-0.03
79) Terphenyl-d14	19.854	244	1987759	42.436	ng	-0.06
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.302	88	146533	36.617	ng	95
3) Pyridine	3.702	79	408105	37.036	ng	95
4) n-Nitrosodimethylamine	3.608	42	195428	37.586	ng	90
6) Aniline	7.078	93	556598	31.994	ng	100
8) 2-Chlorophenol	7.319	128	476557	45.560	ng	97
9) Benzaldehyde	6.896	77	245608	32.333	ng	100
10) Phenol	6.966	94	590021	44.152	ng	98
11) bis(2-Chloroethyl)ether	7.172	93	451325	42.037	ng	95
12) 1,3-Dichlorobenzene	7.625	146	512146	43.021	ng	99
13) 1,4-Dichlorobenzene	7.772	146	525451	43.331	ng	99
14) 1,2-Dichlorobenzene	8.084	146	505666	42.923	ng	99
15) Benzyl Alcohol	7.978	79	438725	41.894	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.255	45	658434	37.501	ng	96
17) 2-Methylphenol	8.190	107	398145	44.191	ng	99
18) Hexachloroethane	8.796	117	198706	42.899	ng	98
19) n-Nitroso-di-n-propyla...	8.531	70	353849	40.031	ng	96
20) 3+4-Methylphenols	8.519	107	529909	41.997	ng	99
22) Acetophenone	8.549	105	779767	48.851	ng	99
24) Nitrobenzene	8.925	77	523406	43.088	ng	96
25) Isophorone	9.454	82	987364	41.485	ng	99
26) 2-Nitrophenol	9.631	139	259533	48.122	ng	94
27) 2,4-Dimethylphenol	9.702	122	436229	46.105	ng	99
28) bis(2-Chloroethoxy)met...	9.919	93	587314	42.690	ng	98
29) 2,4-Dichlorophenol	10.184	162	457164	48.461	ng	99
30) 1,2,4-Trichlorobenzene	10.366	180	483089	45.438	ng	98
31) Naphthalene	10.554	128	1398891	43.435	ng	99
32) Benzoic acid	9.896	122	369409	52.514	ng	97
33) 4-Chloroaniline	10.672	127	400610	29.843	ng	98
34) Hexachlorobutadiene	10.831	225	317171	46.342	ng	100
35) Caprolactam	11.478	113	152525	41.942	ng	94
36) 4-Chloro-3-methylphenol	11.813	107	506174	45.005	ng	97
37) 2-Methylnaphthalene	12.160	142	920519	44.500	ng	100
38) 1-Methylnaphthalene	12.378	142	942791	42.740	ng	100
40) 1,2,4,5-Tetrachloroben...	12.531	216	615663	51.300	ng	99
41) Hexachlorocyclopentadiene	12.501	237	462938	70.825	ng	99
43) 2,4,6-Trichlorophenol	12.784	196	373504	47.341	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
 Data File : BP025936.D
 Acq On : 06 Oct 2025 23:51
 Operator : CG/JU
 Sample : Q3289-05MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11966MSD

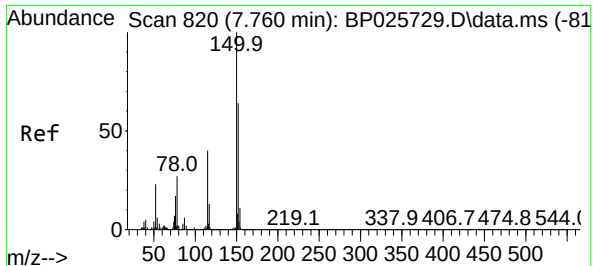
Quant Time: Oct 07 02:11:44 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 19:16:54 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	416934	47.483	ng	96
46) 1,1'-Biphenyl	13.166	154	1424546	49.004	ng	100
47) 2-Chloronaphthalene	13.213	162	1030182	45.006	ng	100
48) 2-Nitroaniline	13.431	65	336501	44.101	ng	96
49) Acenaphthylene	14.066	152	1684166	44.407	ng	99
50) Dimethylphthalate	13.801	163	1298148	42.932	ng	100
51) 2,6-Dinitrotoluene	13.919	165	287657	44.903	ng	96
52) Acenaphthene	14.407	154	947425	43.318	ng	99
53) 3-Nitroaniline	14.266	138	221945	32.946	ng	98
54) 2,4-Dinitrophenol	14.484	184	329980	79.271	ng	95
55) Dibenzofuran	14.748	168	1539669	43.193	ng	98
56) 4-Nitrophenol	14.637	139	411551	71.448	ng	98
57) 2,4-Dinitrotoluene	14.731	165	428603	47.012	ng	96
58) Fluorene	15.407	166	1260416	44.466	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.990	232	377295	47.700	ng	96
60) Diethylphthalate	15.172	149	1346346	43.896	ng	100
61) 4-Chlorophenyl-phenyle...	15.395	204	648675	45.408	ng	97
62) 4-Nitroaniline	15.442	138	310095	44.932	ng	98
63) Azobenzene	15.695	77	1339837	45.178	ng	96
65) 4,6-Dinitro-2-methylph...	15.507	198	251262	47.446	ng	91
66) n-Nitrosodiphenylamine	15.619	169	1118395	45.894	ng	100
67) 4-Bromophenyl-phenylether	16.307	248	428958	49.034	ng	99
68) Hexachlorobenzene	16.431	284	470741	48.253	ng	93
69) Atrazine	16.595	200	446872	47.973	ng	98
70) Pentachlorophenol	16.795	266	615102	95.531	ng	98
71) Phenanthrene	17.184	178	2047806	45.334	ng	99
72) Anthracene	17.278	178	2088190	45.561	ng	99
73) Carbazole	17.560	167	1938033	45.483	ng	99
74) Di-n-butylphthalate	18.136	149	2433350	46.535	ng	100
75) Fluoranthene	19.266	202	2510296	46.336	ng	100
77) Benzidine	19.466	184	1529951	63.029	ng	99
78) Pyrene	19.642	202	2575806	45.810	ng	100
80) Butylbenzylphthalate	20.583	149	1158170	46.977	ng	99
81) Benzo(a)anthracene	21.554	228	2629313	45.576	ng	99
82) 3,3'-Dichlorobenzidine	21.483	252	730308	36.611	ng	100
83) Chrysene	21.630	228	2508791	45.619	ng	99
84) Bis(2-ethylhexyl)phtha...	21.477	149	1687086	46.773	ng	100
85) Di-n-octyl phthalate	22.742	149	3070894	47.863	ng	97
87) Indeno(1,2,3-cd)pyrene	28.730	276	3415944	47.584	ng	# 84
88) Benzo(b)fluoranthene	23.854	252	2762862	45.768	ng	99
89) Benzo(k)fluoranthene	23.924	252	2782424	45.169	ng	99
90) Benzo(a)pyrene	24.760	252	2696595	45.615	ng	99
91) Dibenzo(a,h)anthracene	28.801	278	2790347	47.499	ng	98
92) Benzo(g,h,i)perylene	29.906	276	2772460	47.989	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_P
ClientSampleId :
72-11966MSD

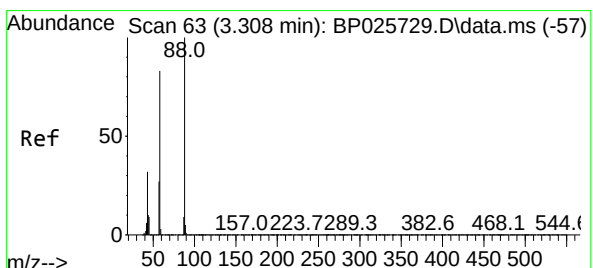
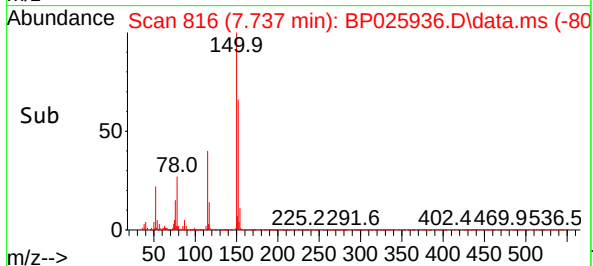
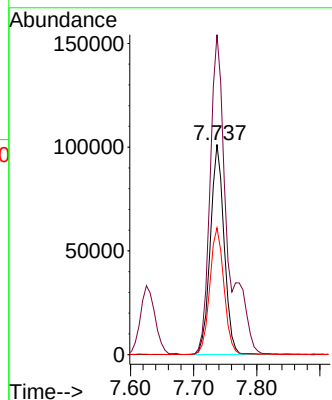
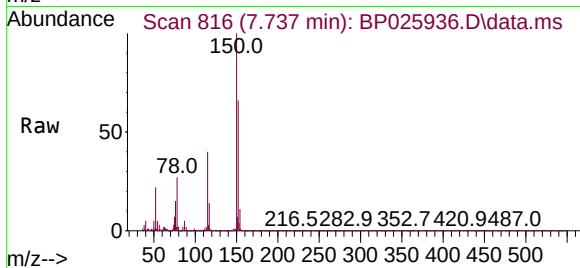
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.737 min Scan# 81
Delta R.T. -0.023 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

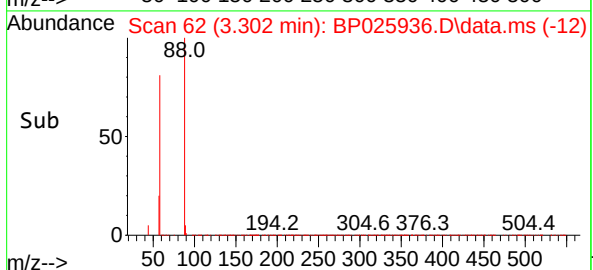
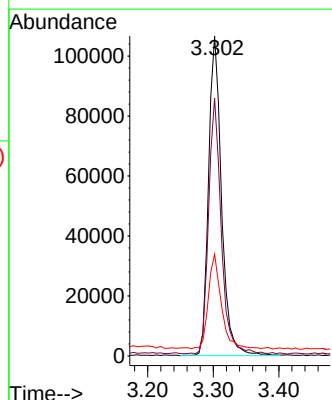
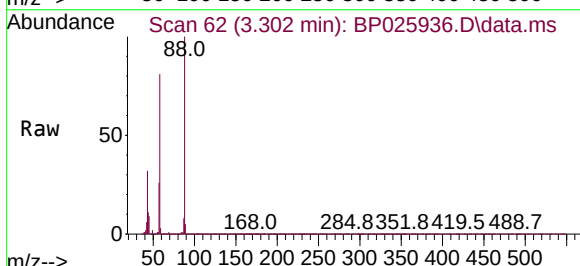
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

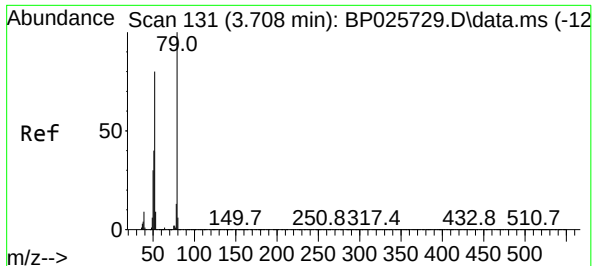
Tgt Ion:152 Resp: 153847
Ion Ratio Lower Upper
152 100
150 152.3 124.3 186.5
115 60.4 50.3 75.5



#2
1,4-Dioxane
Concen: 36.617 ng
RT: 3.302 min Scan# 62
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 88 Resp: 146533
Ion Ratio Lower Upper
88 100
58 77.5 65.5 98.3
43 29.4 25.2 37.8

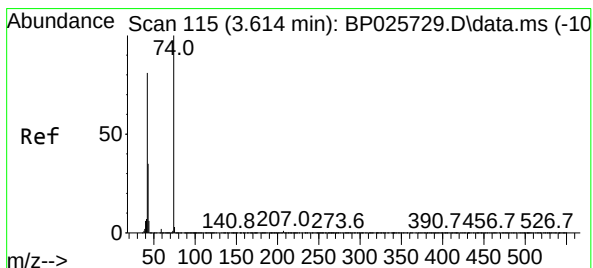
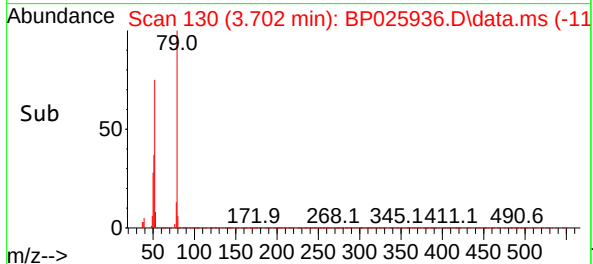
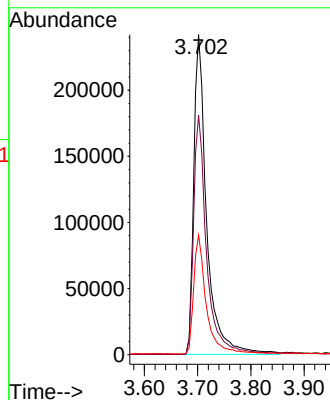
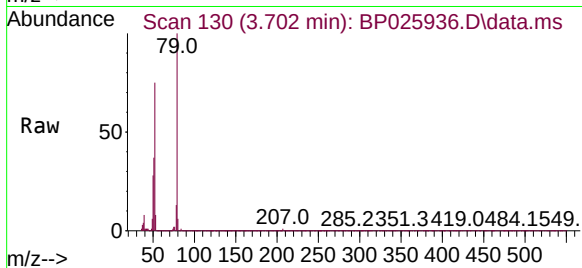




#3
 Pyridine
 Concen: 37.036 ng
 RT: 3.702 min Scan# 113
 Delta R.T. -0.006 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

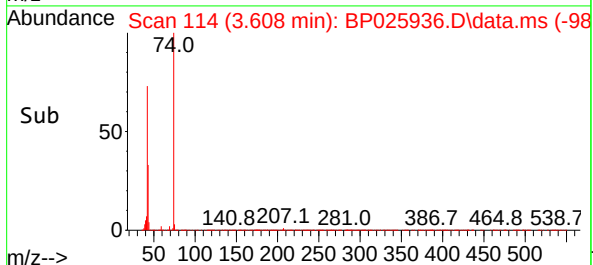
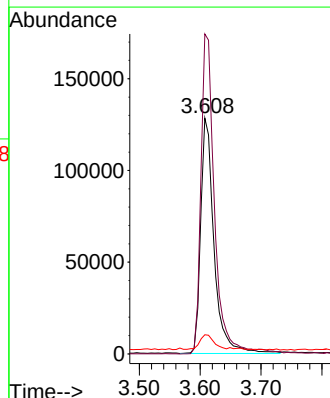
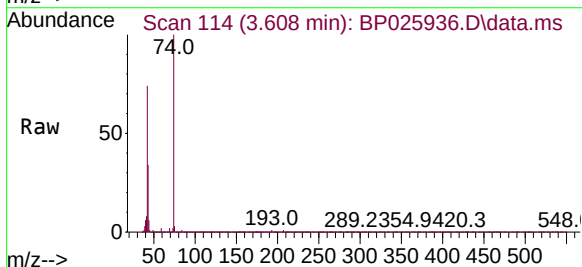
Instrument :
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 ClientSampleId :
 72-11966MSD

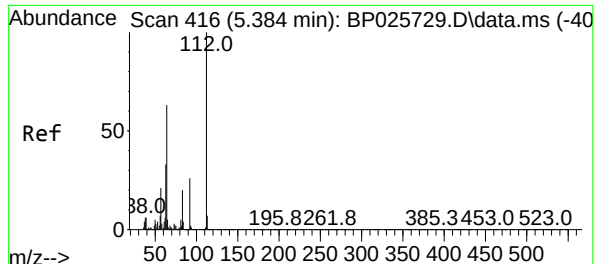
Tgt Ion: 79 Resp: 408105
 Ion Ratio Lower Upper
 79 100
 52 74.8 63.7 95.5
 51 37.3 32.4 48.6



#4
 n-Nitrosodimethylamine
 Concen: 37.586 ng
 RT: 3.608 min Scan# 114
 Delta R.T. -0.006 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

Tgt Ion: 42 Resp: 195428
 Ion Ratio Lower Upper
 42 100
 74 135.7 99.2 148.8
 44 8.1 6.4 9.6

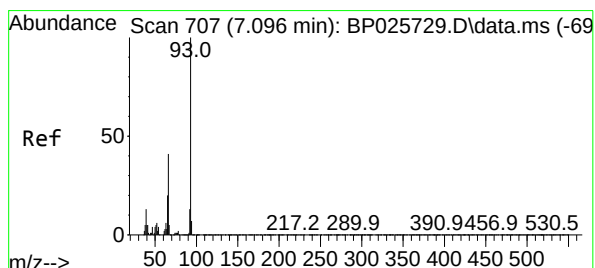
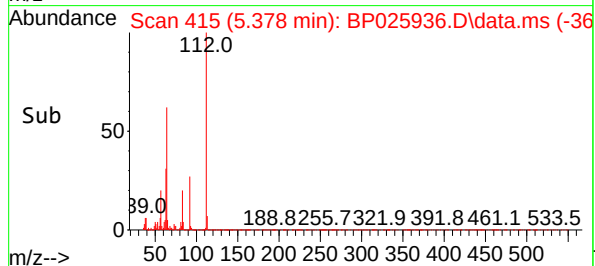
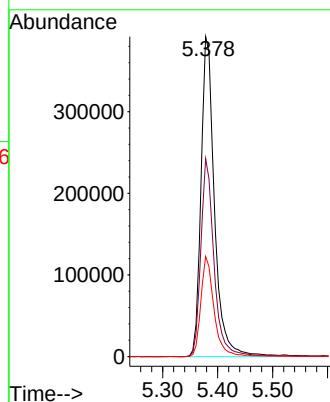
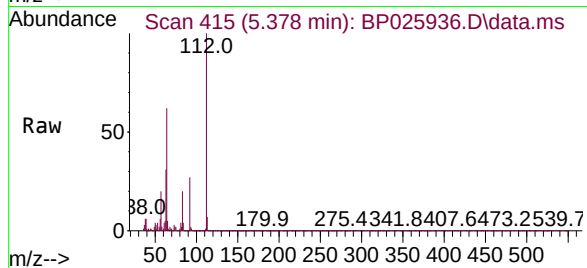




#5
2-Fluorophenol
Concen: 69.895 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

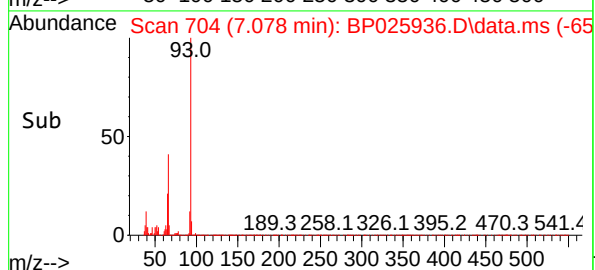
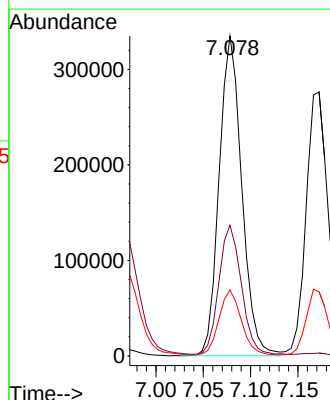
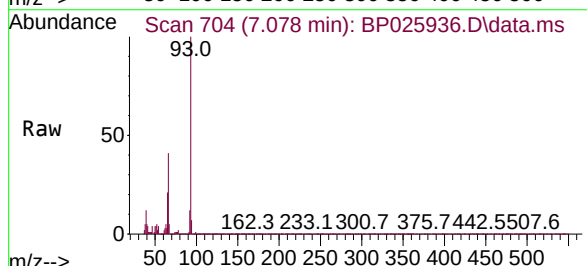
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

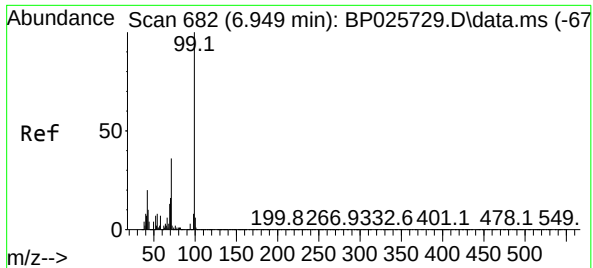
Tgt Ion:112 Resp: 666428
Ion Ratio Lower Upper
112 100
64 61.9 50.2 75.4
63 31.4 26.7 40.1



#6
Aniline
Concen: 31.994 ng
RT: 7.078 min Scan# 704
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 93 Resp: 556598
Ion Ratio Lower Upper
93 100
66 40.8 32.6 49.0
65 20.6 16.2 24.2

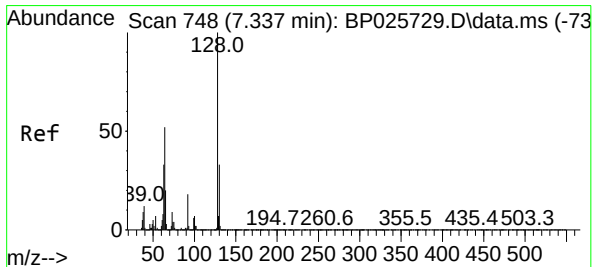
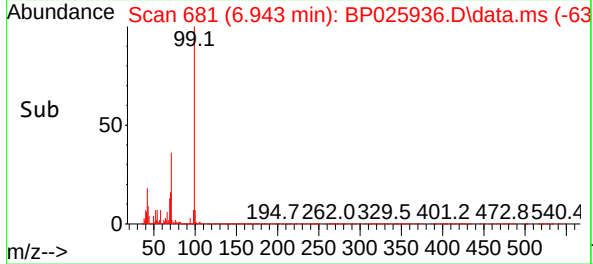
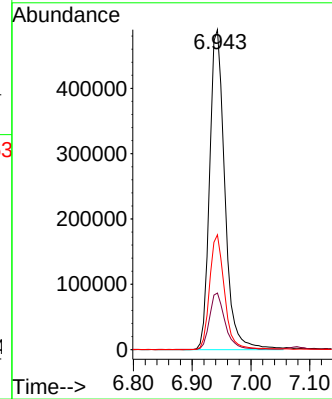
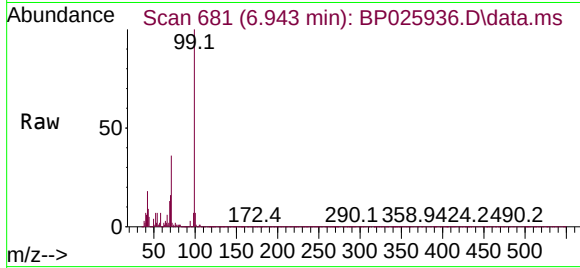




#7
Phenol-d6
Concen: 69.590 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

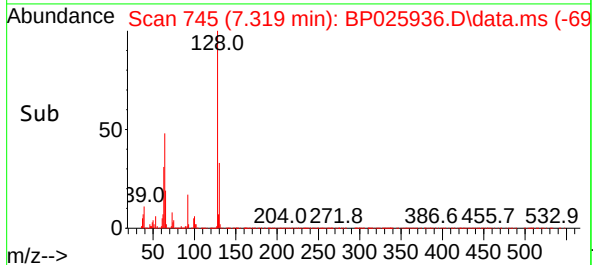
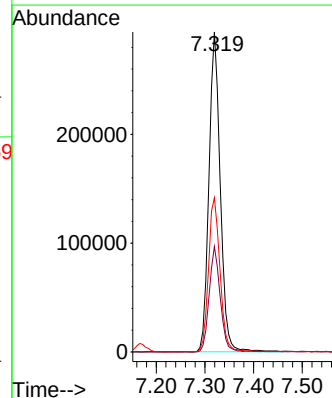
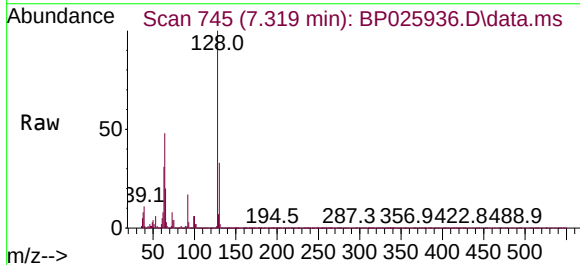
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

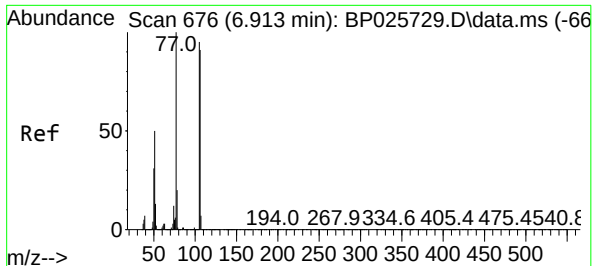
Tgt Ion: 99 Resp: 881935
Ion Ratio Lower Upper
99 100
42 17.7 15.6 23.4
71 35.9 28.6 43.0



#8
2-Chlorophenol
Concen: 45.560 ng
RT: 7.319 min Scan# 745
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 128 Resp: 476557
Ion Ratio Lower Upper
128 100
130 32.9 12.6 52.6
64 48.2 31.6 71.6

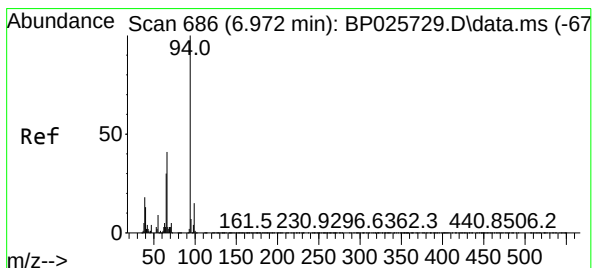
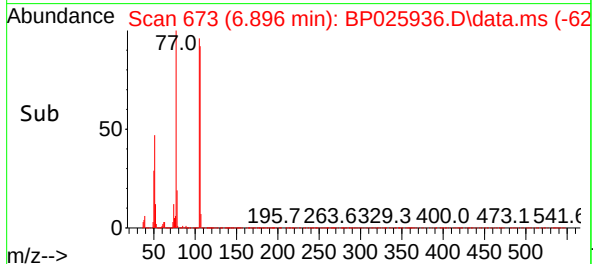
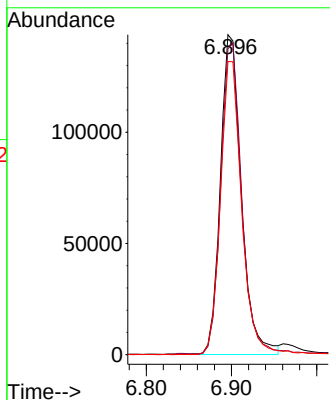
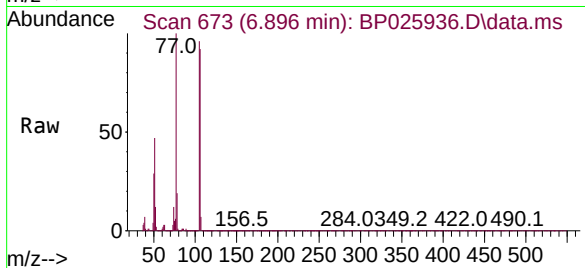




#9
Benzaldehyde
Concen: 32.333 ng
RT: 6.896 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

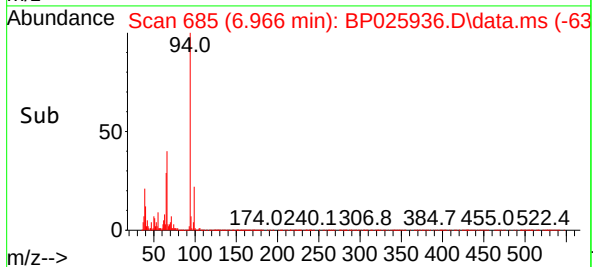
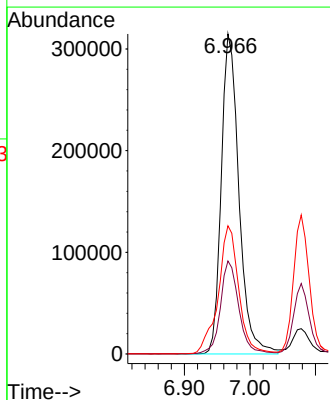
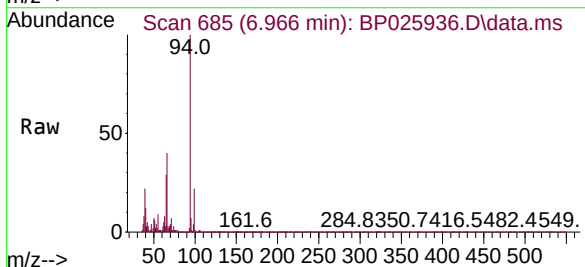
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ClientSampleId :
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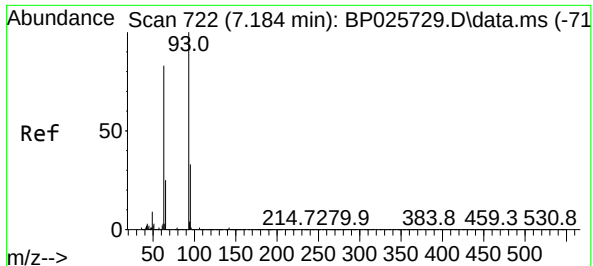
Tgt Ion: 77 Resp: 245608
Ion Ratio Lower Upper
77 100
105 95.6 75.2 115.2
106 91.6 71.3 111.3



#10
Phenol
Concen: 44.152 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 94 Resp: 590021
Ion Ratio Lower Upper
94 100
65 29.0 10.2 50.2
66 40.0 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 42.037 ng

RT: 7.172 min Scan# 71

Delta R.T. -0.012 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

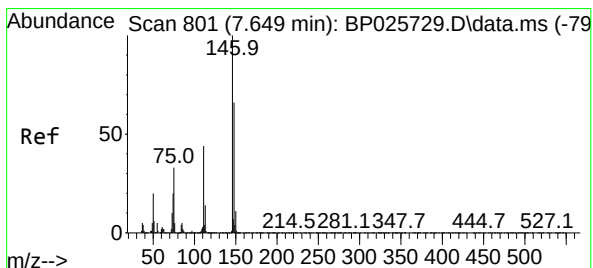
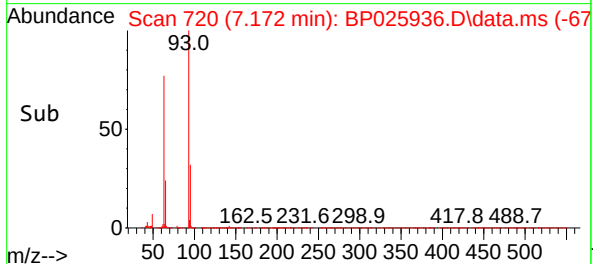
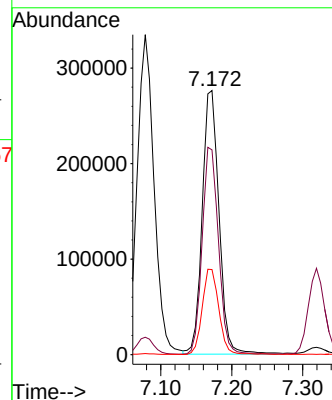
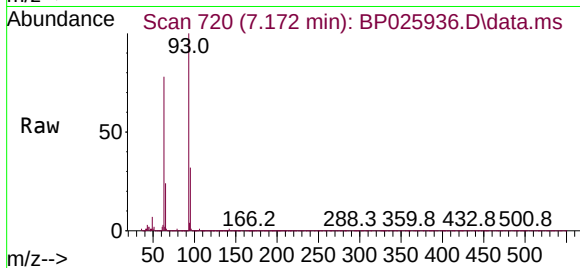
Tgt Ion: 93 Resp: 451325

Ion Ratio Lower Upper

93 100

63 77.5 62.6 102.6

95 32.2 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 43.021 ng

RT: 7.625 min Scan# 797

Delta R.T. -0.024 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

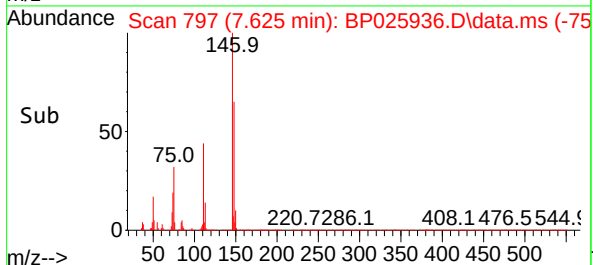
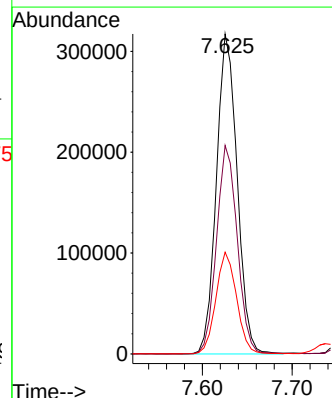
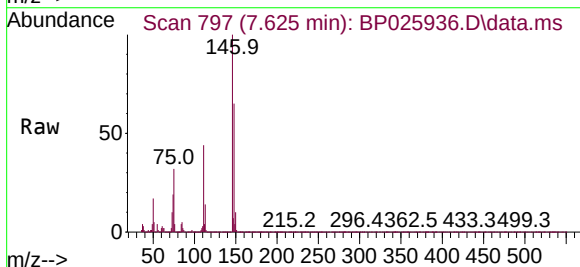
Tgt Ion:146 Resp: 512146

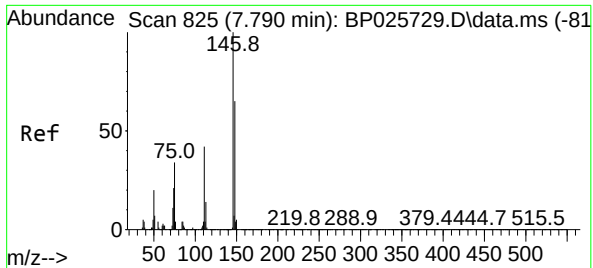
Ion Ratio Lower Upper

146 100

148 65.1 52.7 79.1

75 31.8 26.4 39.6

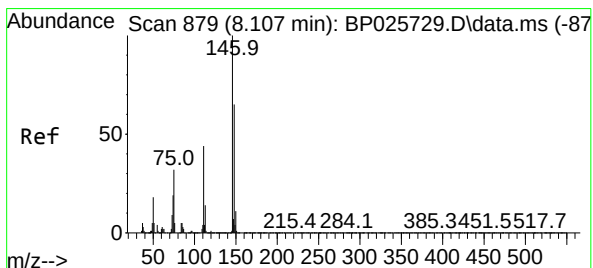
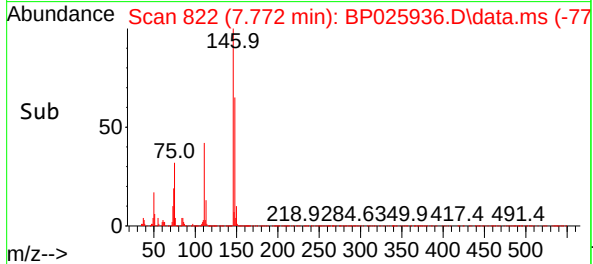
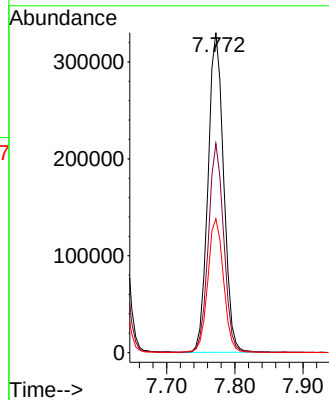
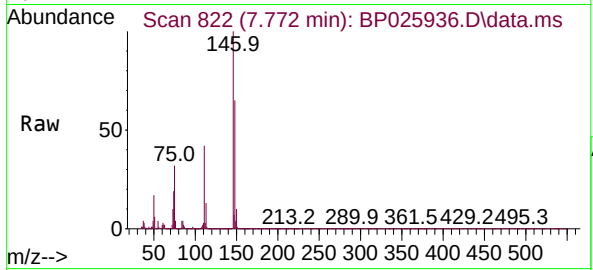




#13
1,4-Dichlorobenzene
Concen: 43.331 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

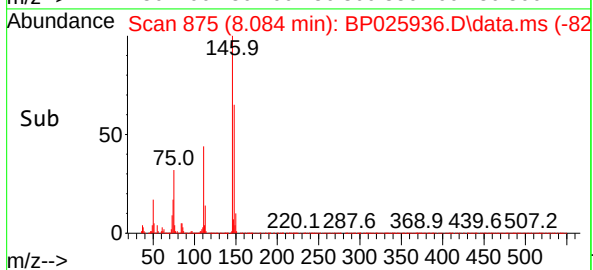
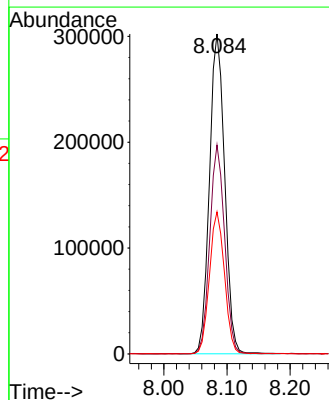
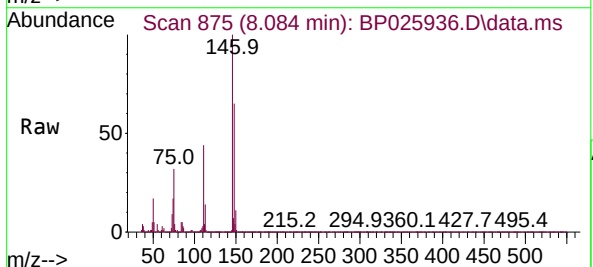
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

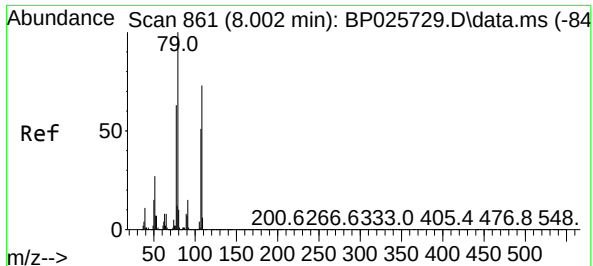
Tgt Ion:146 Resp: 525451
Ion Ratio Lower Upper
146 100
148 65.3 52.0 78.0
111 41.8 33.9 50.9



#14
1,2-Dichlorobenzene
Concen: 42.923 ng
RT: 8.084 min Scan# 875
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:146 Resp: 505666
Ion Ratio Lower Upper
146 100
148 65.3 51.7 77.5
111 44.4 35.5 53.3

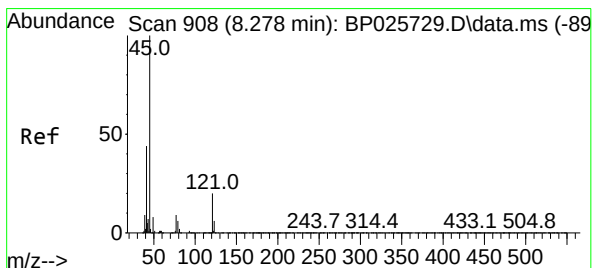
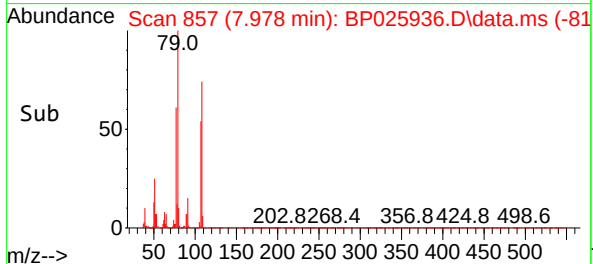
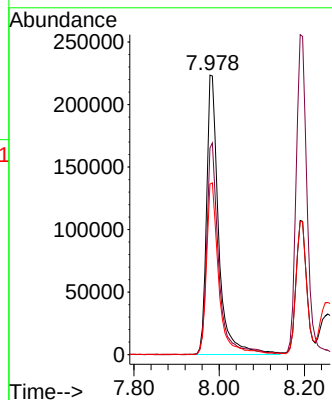
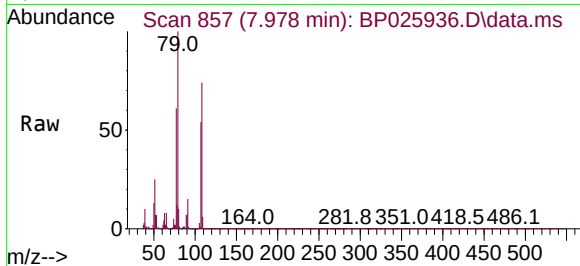




#15
Benzyl Alcohol
Concen: 41.894 ng
RT: 7.978 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

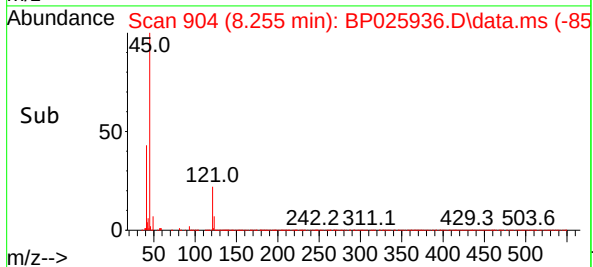
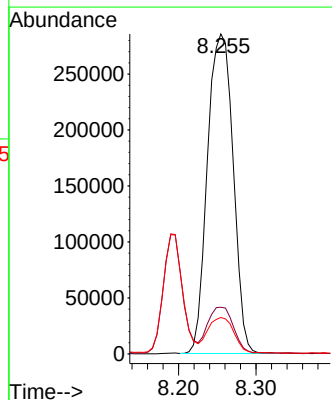
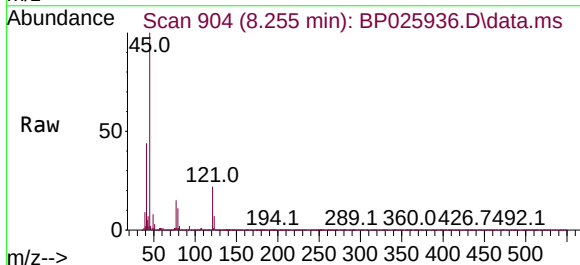
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

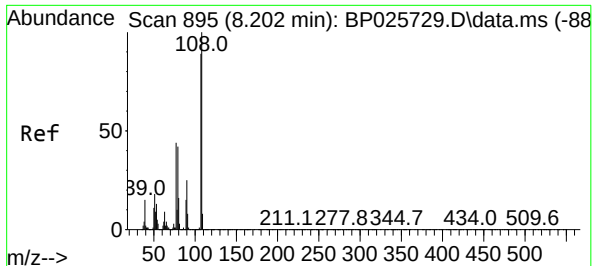
Tgt Ion: 79 Resp: 438725
Ion Ratio Lower Upper
79 100
108 73.9 58.7 88.1
77 61.0 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.501 ng
RT: 8.255 min Scan# 904
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 45 Resp: 658434
Ion Ratio Lower Upper
45 100
77 14.6 0.0 33.1
79 11.4 0.0 30.0

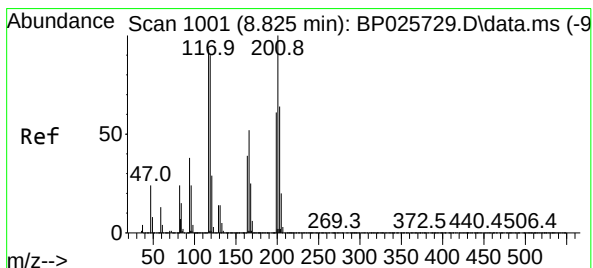
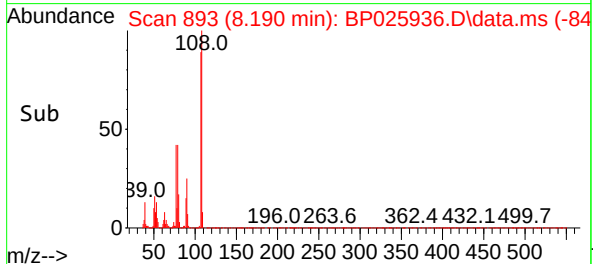
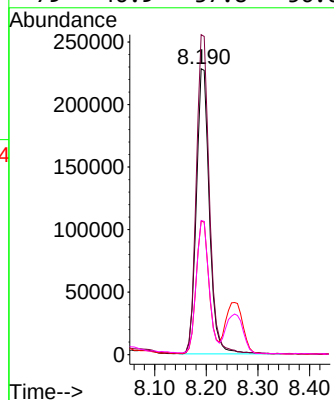
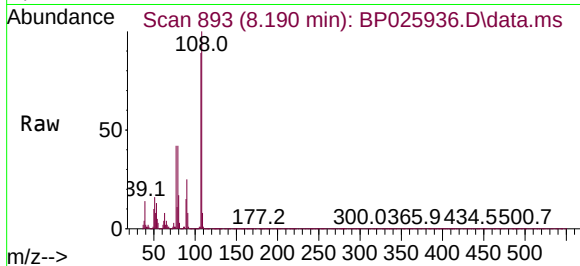




#17
2-Methylphenol
Concen: 44.191 ng
RT: 8.190 min Scan# 895
Delta R.T. -0.012 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

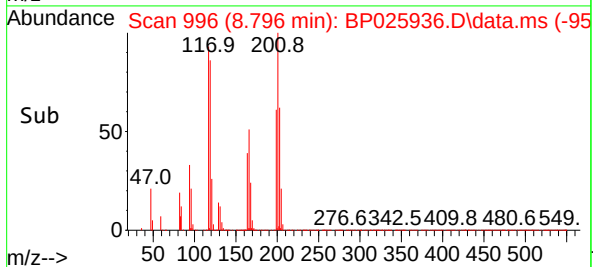
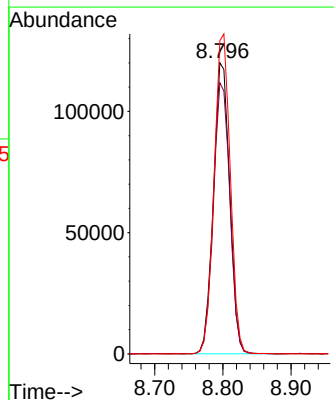
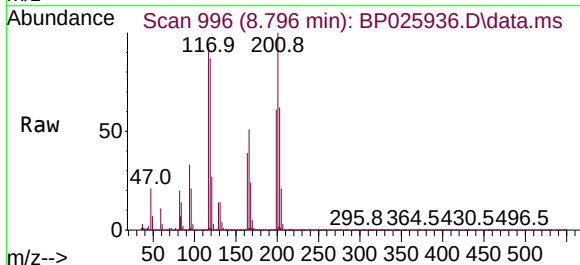
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

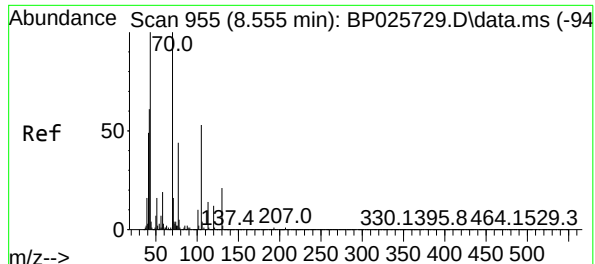
Tgt Ion:107 Resp: 398145
Ion Ratio Lower Upper
107 100
108 112.0 89.6 134.4
77 46.6 39.3 58.9
79 46.9 37.8 56.6



#18
Hexachloroethane
Concen: 42.899 ng
RT: 8.796 min Scan# 996
Delta R.T. -0.029 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:117 Resp: 198706
Ion Ratio Lower Upper
117 100
119 93.2 77.1 115.7
201 107.6 85.6 128.4





#19

n-Nitroso-di-n-propylamine

Concen: 40.031 ng

RT: 8.531 min Scan# 91

Delta R.T. -0.024 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

Tgt Ion: 70 Resp: 353849

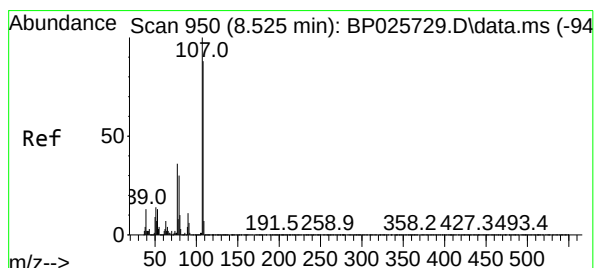
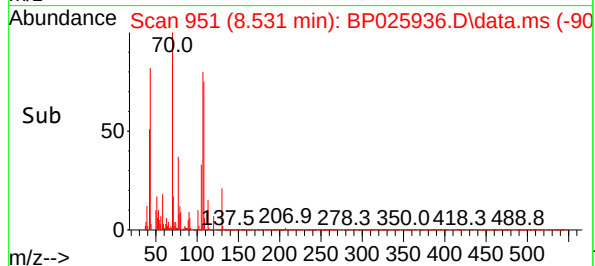
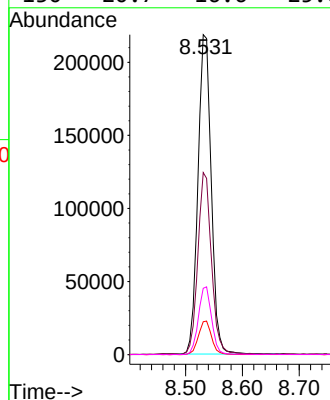
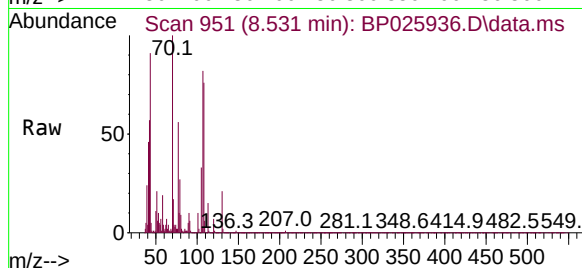
Ion Ratio Lower Upper

70 100

42 56.9 49.0 73.4

101 10.3 7.9 11.9

130 20.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 41.997 ng

RT: 8.519 min Scan# 949

Delta R.T. -0.006 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Tgt Ion: 107 Resp: 529909

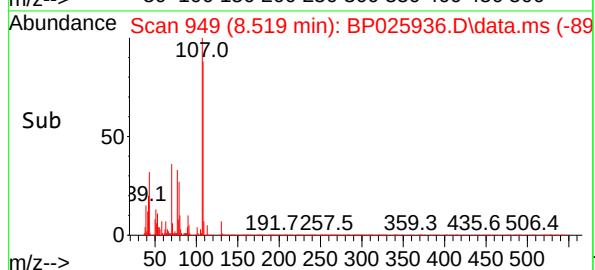
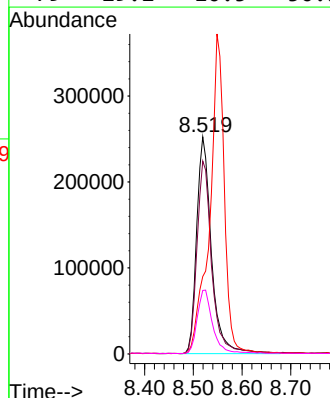
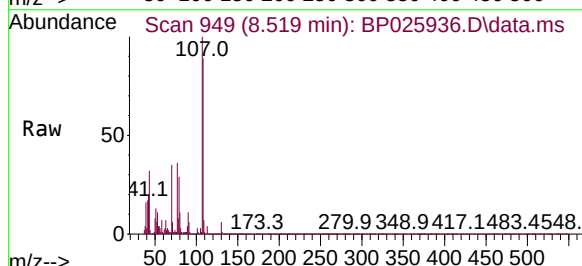
Ion Ratio Lower Upper

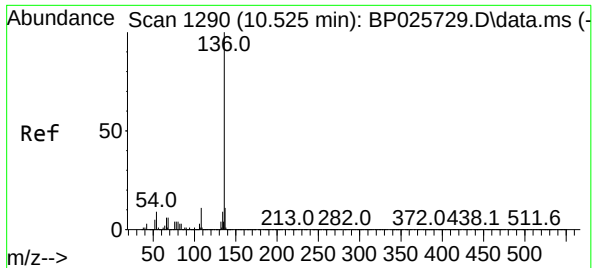
107 100

108 88.8 67.8 107.8

77 35.7 16.1 56.1

79 29.2 10.5 50.5



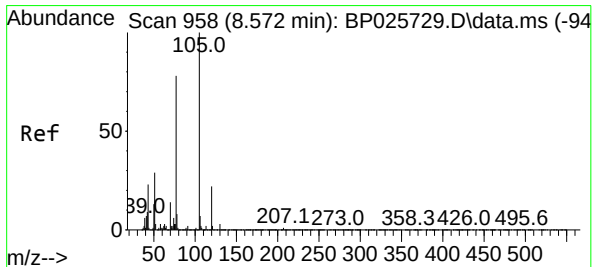
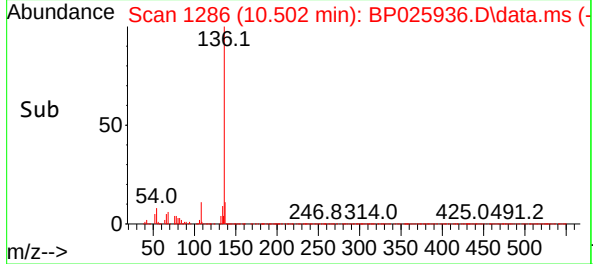
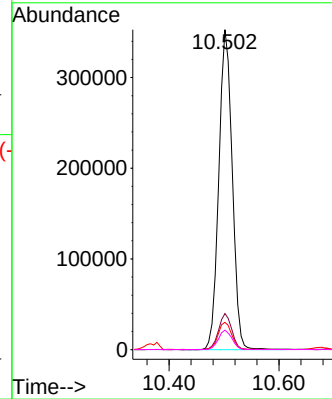
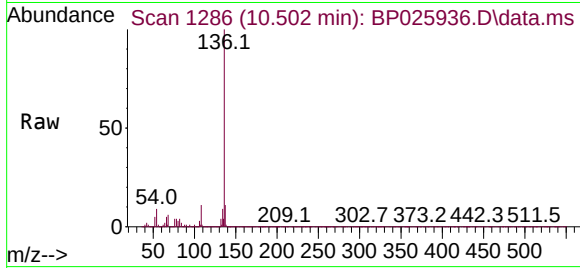


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.502 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Instrument :
BNA_P
ClientSampleId :
72-11966MSD

Tgt Ion:136 Resp: 597298

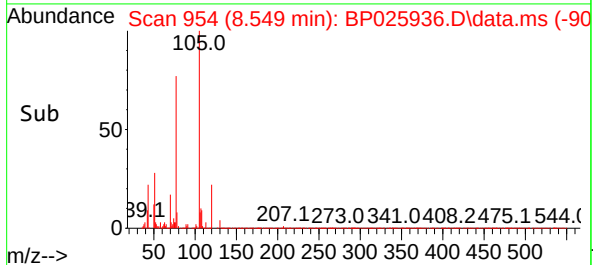
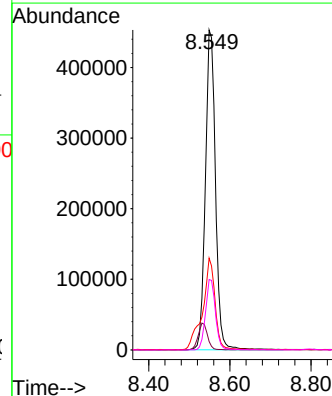
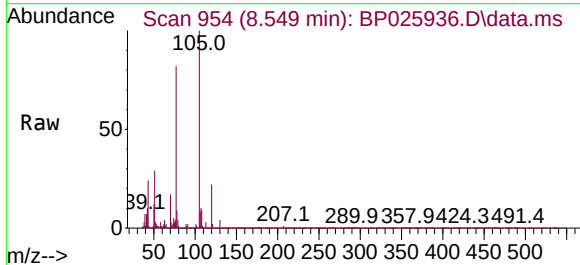
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.5	7.5	11.3
68	6.1	5.0	7.6

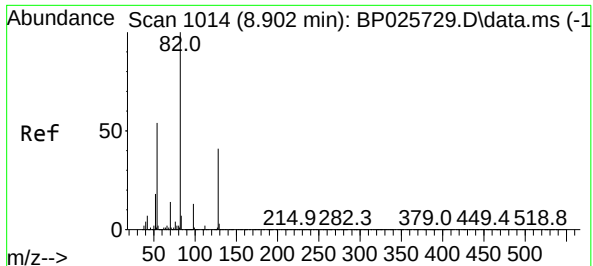


#22
Acetophenone
Concen: 48.851 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:105 Resp: 779767

Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.8	2.8
51	28.7	23.5	35.3
120	22.0	17.7	26.5

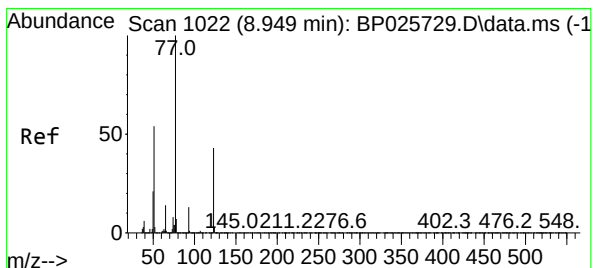
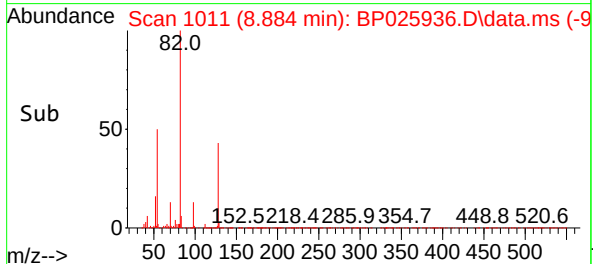
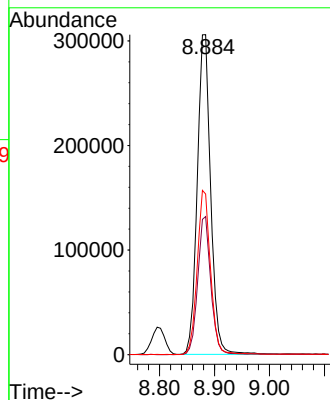
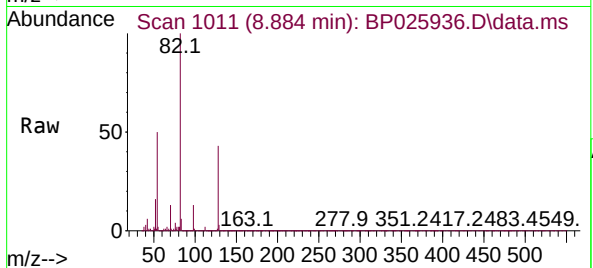




#23
Nitrobenzene-d5
Concen: 38.338 ng
RT: 8.884 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

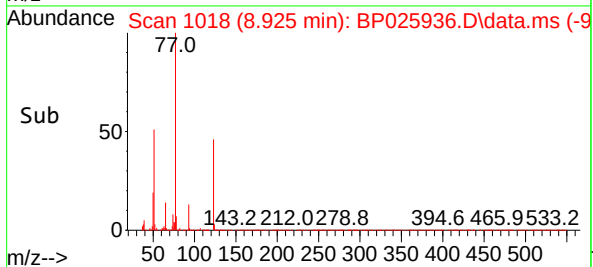
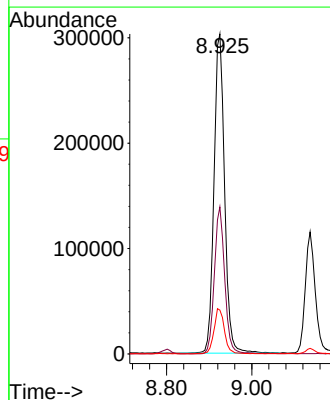
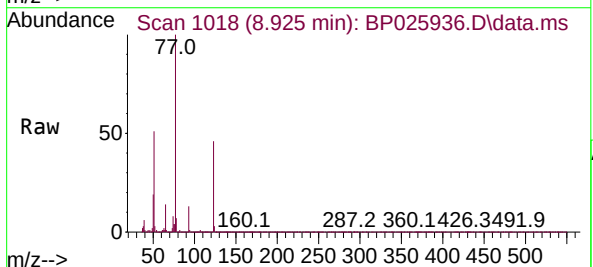
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

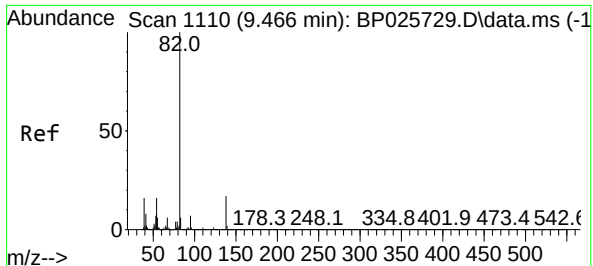
Tgt Ion: 82 Resp: 519129
Ion Ratio Lower Upper
82 100
128 43.1 32.9 49.3
54 50.2 43.4 65.2



#24
Nitrobenzene
Concen: 43.088 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 77 Resp: 523406
Ion Ratio Lower Upper
77 100
123 45.9 34.4 51.6
65 13.7 10.8 16.2

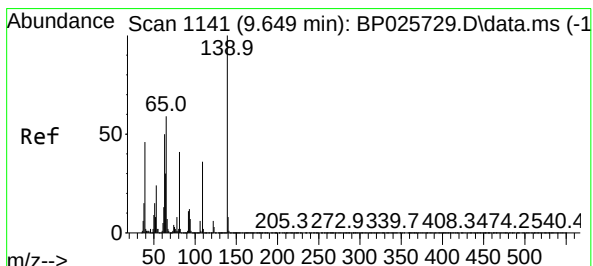
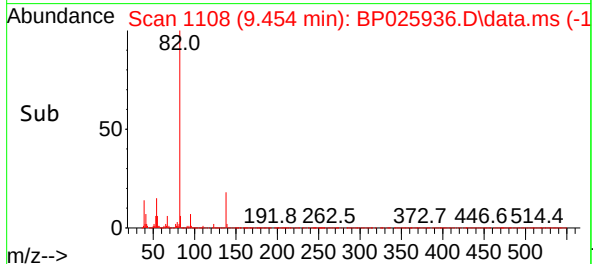
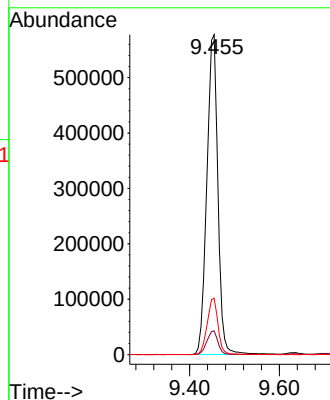
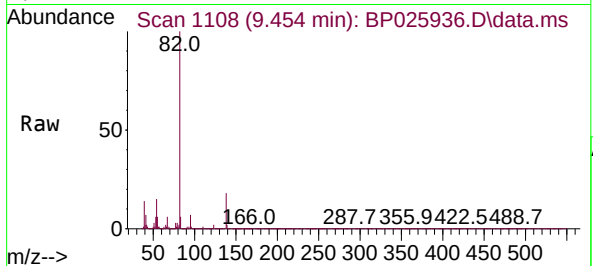




#25
Isophorone
Concen: 41.485 ng
RT: 9.454 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

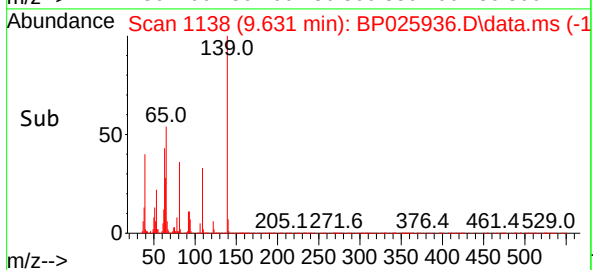
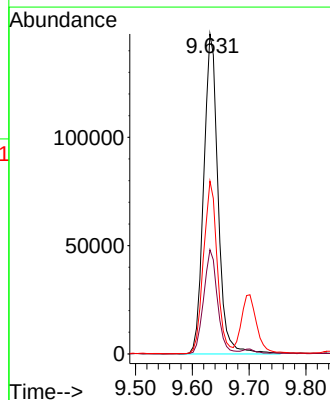
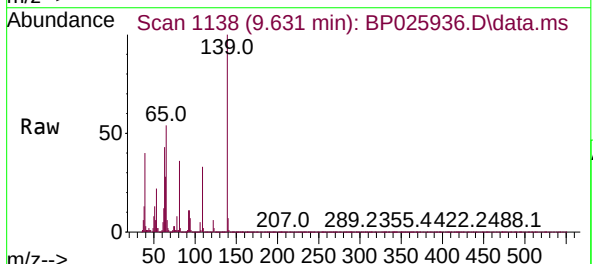
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

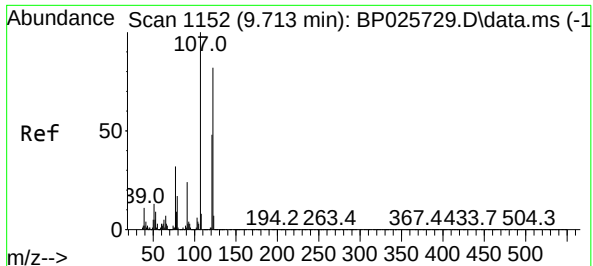
Tgt Ion: 82 Resp: 987364
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.6 13.5 20.3



#26
2-Nitrophenol
Concen: 48.122 ng
RT: 9.631 min Scan# 1138
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 139 Resp: 259533
Ion Ratio Lower Upper
139 100
109 32.5 29.0 43.4
65 54.0 46.9 70.3

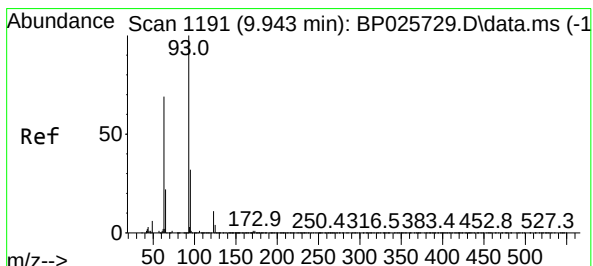
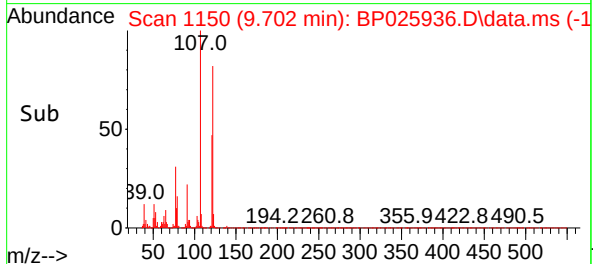
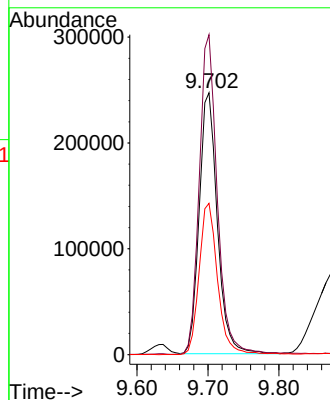
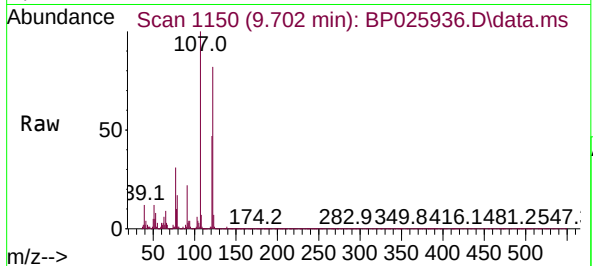




#27
2,4-Dimethylphenol
Concen: 46.105 ng
RT: 9.702 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

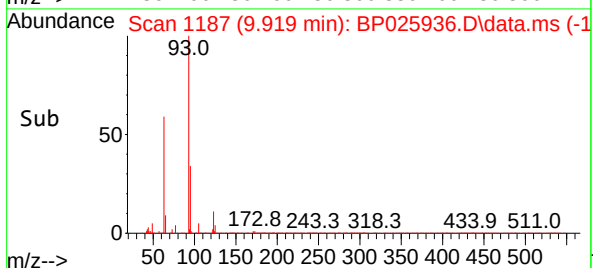
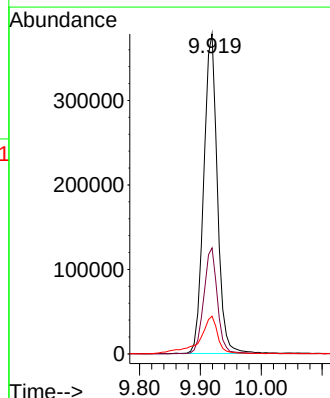
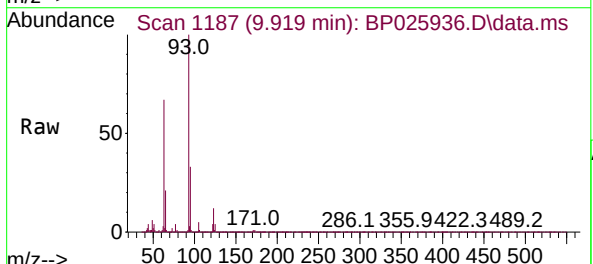
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

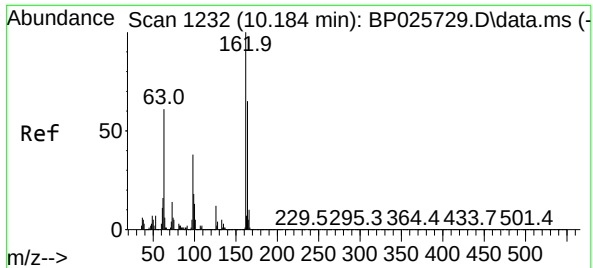
Tgt Ion:122 Resp: 436229
Ion Ratio Lower Upper
122 100
107 122.2 97.9 146.9
121 57.8 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.690 ng
RT: 9.919 min Scan# 1187
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion: 93 Resp: 587314
Ion Ratio Lower Upper
93 100
95 33.1 25.6 38.4
123 11.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.461 ng

RT: 10.184 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

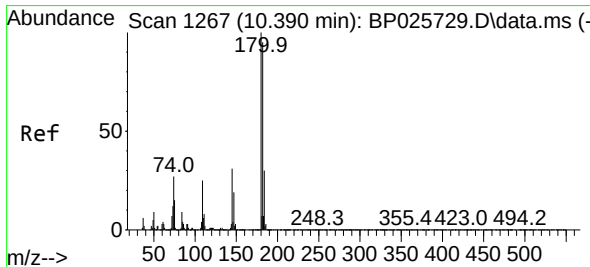
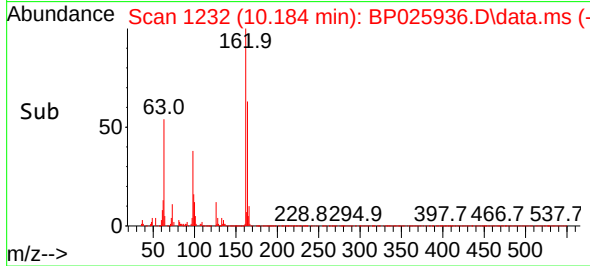
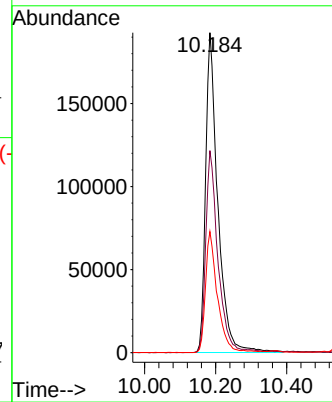
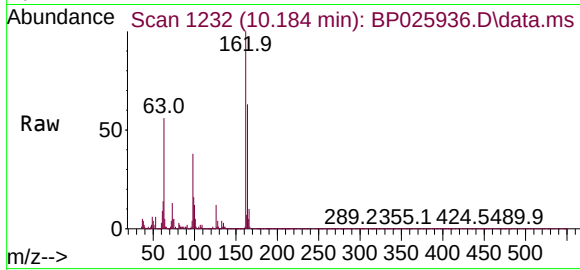
Tgt Ion:162 Resp: 457164

Ion Ratio Lower Upper

162 100

164 63.1 44.7 84.7

98 37.8 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 45.438 ng

RT: 10.366 min Scan# 1263

Delta R.T. -0.024 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

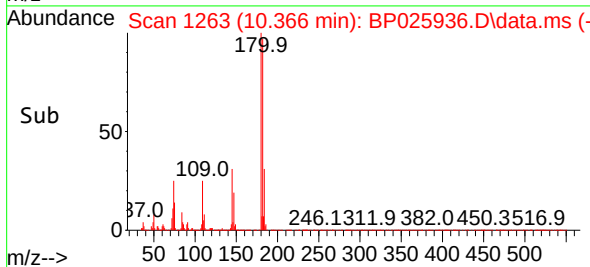
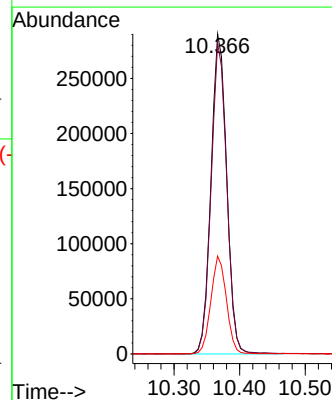
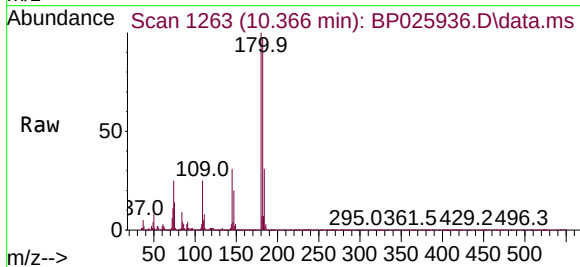
Tgt Ion:180 Resp: 483089

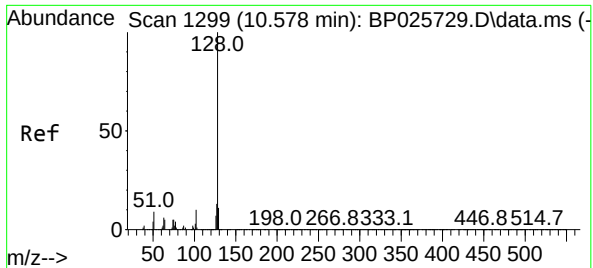
Ion Ratio Lower Upper

180 100

182 97.1 76.0 114.0

145 30.6 24.7 37.1

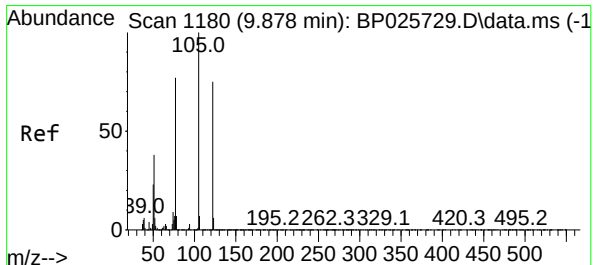
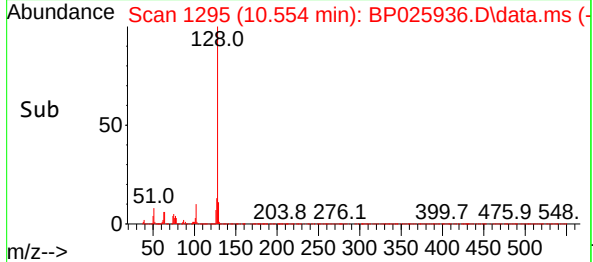
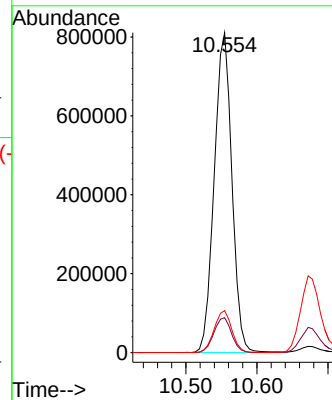
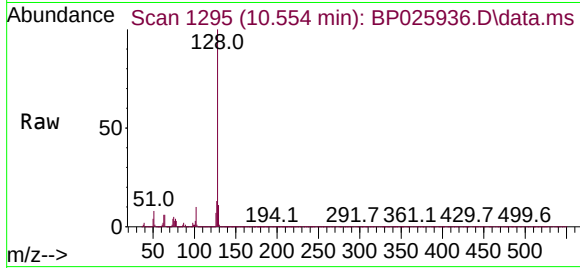




#31
Naphthalene
Concen: 43.435 ng
RT: 10.554 min Scan# 1183
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

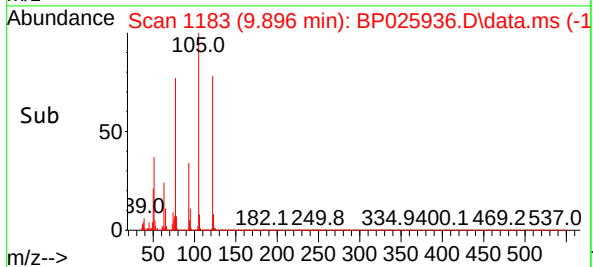
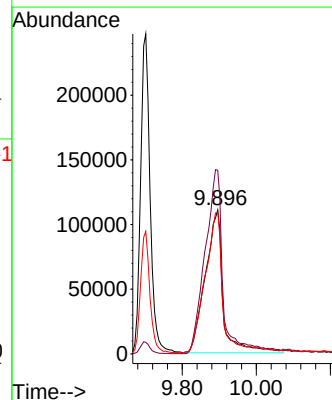
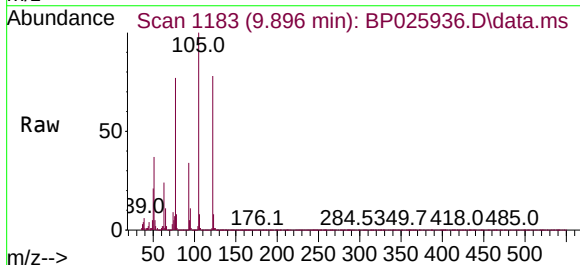
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

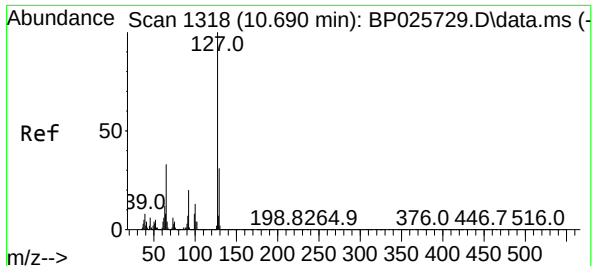
Tgt Ion:128 Resp: 1398891
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.2 15.4



#32
Benzoic acid
Concen: 52.514 ng
RT: 9.896 min Scan# 1183
Delta R.T. 0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:122 Resp: 369409
Ion Ratio Lower Upper
122 100
105 127.6 111.5 151.5
77 98.7 81.8 121.8

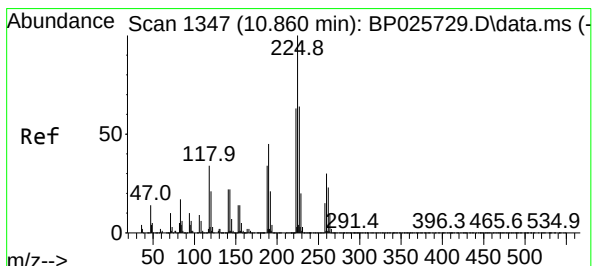
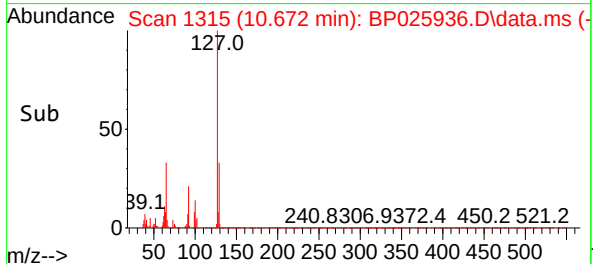
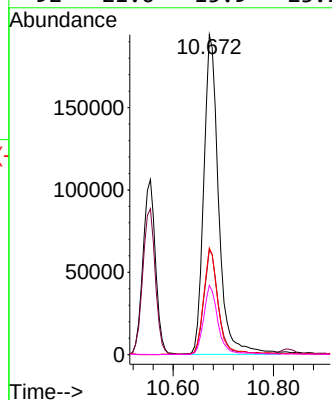
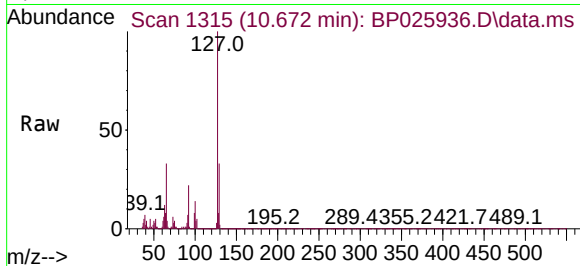




#33
4-Chloroaniline
Concen: 29.843 ng
RT: 10.672 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

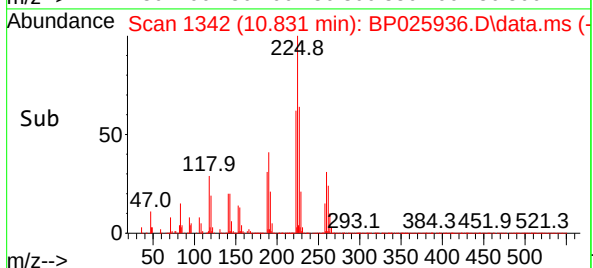
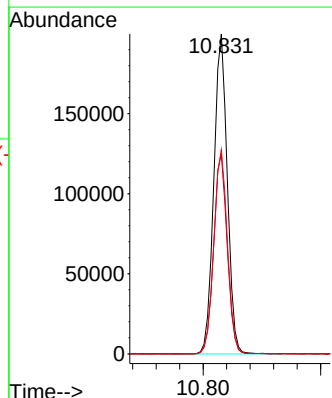
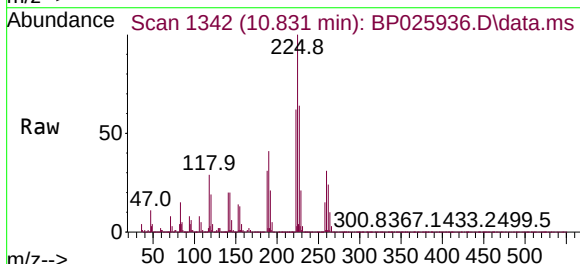
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

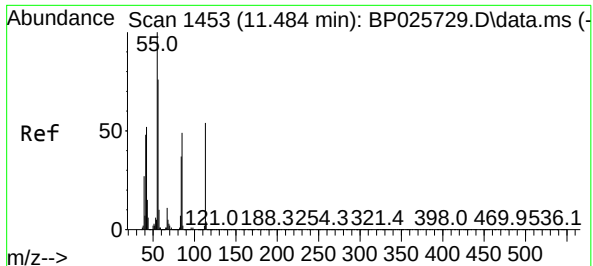
Tgt Ion:	127	Resp:	400610
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.1	37.7
65	33.3	26.4	39.6
92	21.6	15.9	23.9



#34
Hexachlorobutadiene
Concen: 46.342 ng
RT: 10.831 min Scan# 1342
Delta R.T. -0.029 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:	225	Resp:	317171
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	63.8	51.2	76.8

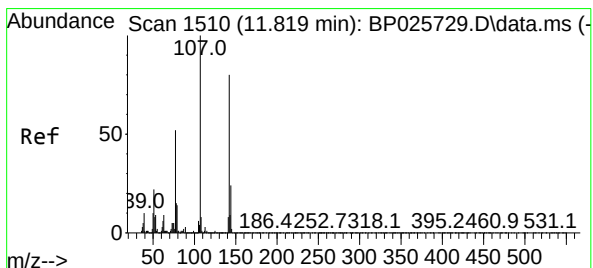
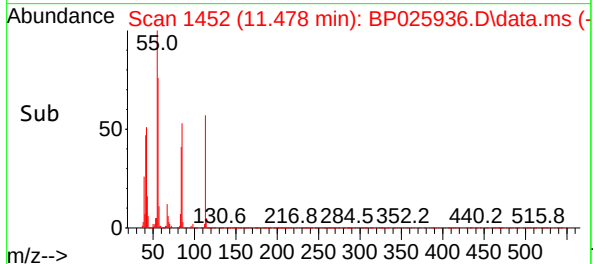
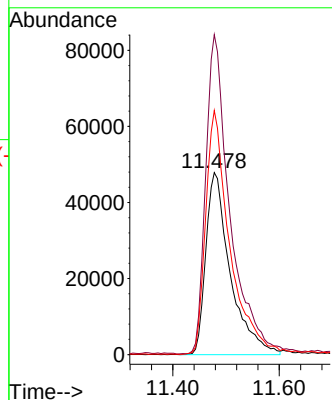
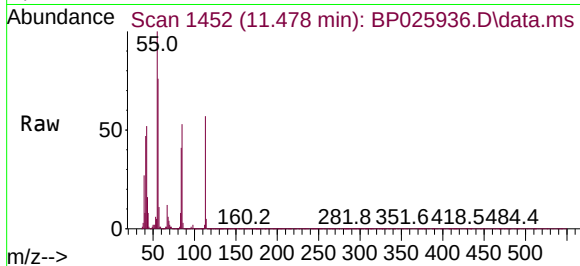




#35
Caprolactam
Concen: 41.942 ng
RT: 11.478 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

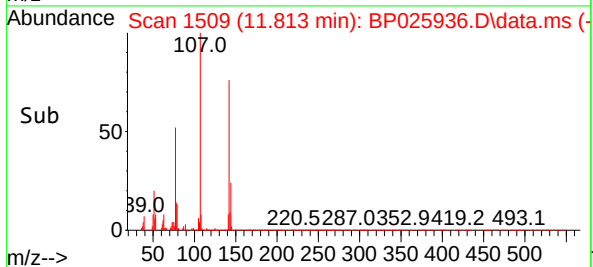
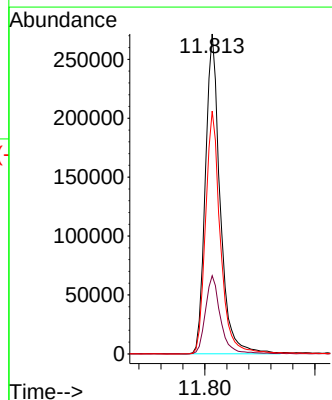
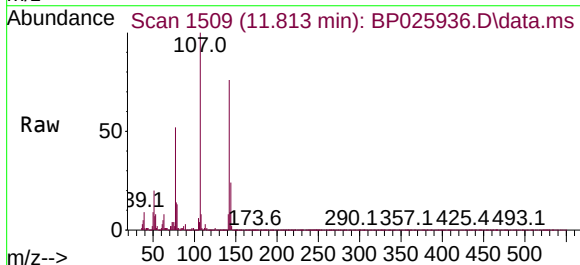
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

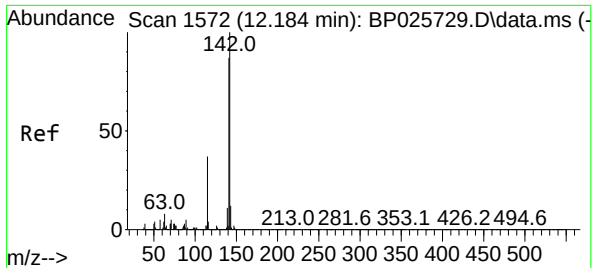
Tgt Ion	113	Resp	152525
Ion Ratio	Lower	Upper	
113	100		
55	175.9	165.5	205.5
56	134.2	121.1	161.1



#36
4-Chloro-3-methylphenol
Concen: 45.005 ng
RT: 11.813 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion	107	Resp	506174
Ion Ratio	Lower	Upper	
107	100		
144	24.4	19.4	29.2
142	75.9	63.8	95.6

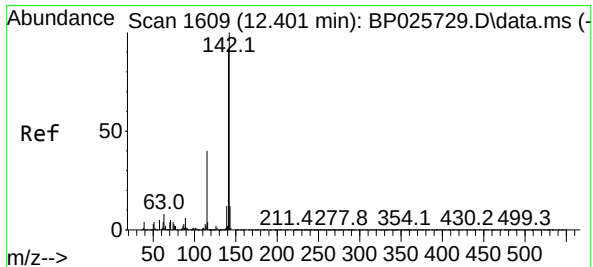
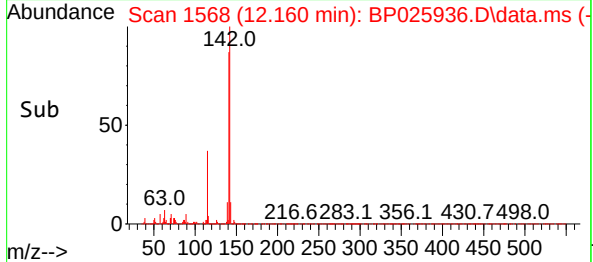
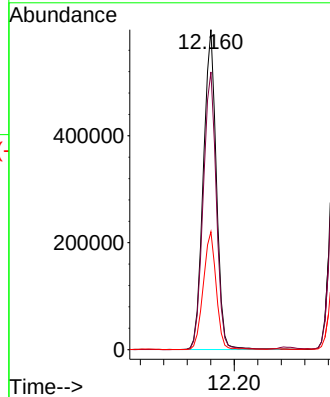
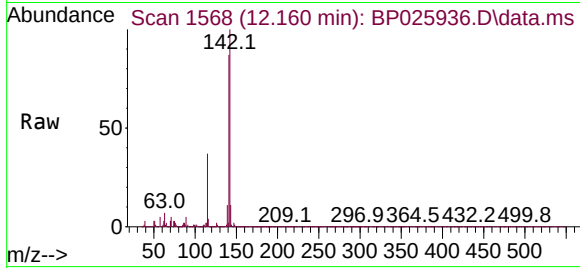




#37
2-Methylnaphthalene
Concen: 44.500 ng
RT: 12.160 min Scan# 1568
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

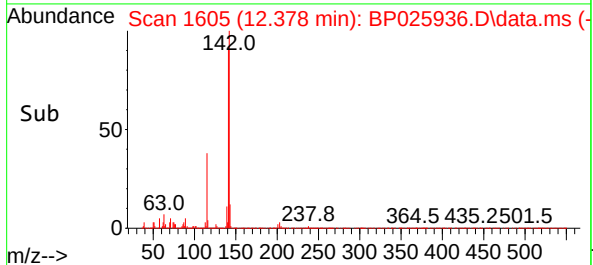
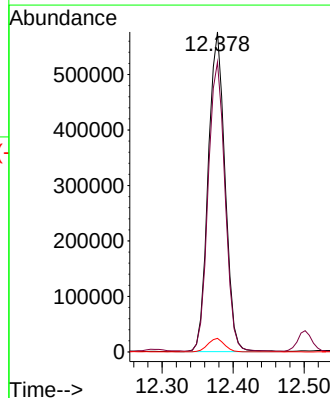
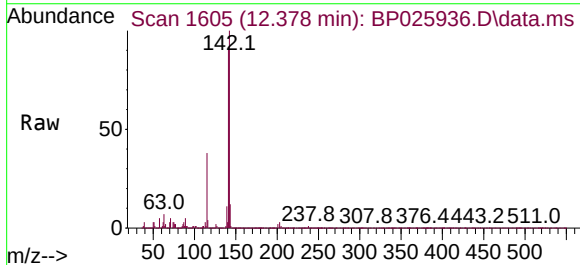
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

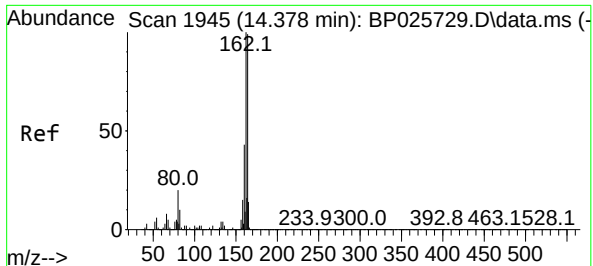
Tgt Ion:142 Resp: 920519
Ion Ratio Lower Upper
142 100
141 86.8 69.6 104.4
115 36.8 30.0 45.0



#38
1-Methylnaphthalene
Concen: 42.740 ng
RT: 12.378 min Scan# 1605
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:142 Resp: 942791
Ion Ratio Lower Upper
142 100
141 90.6 72.7 109.1
116 4.2 3.5 5.3

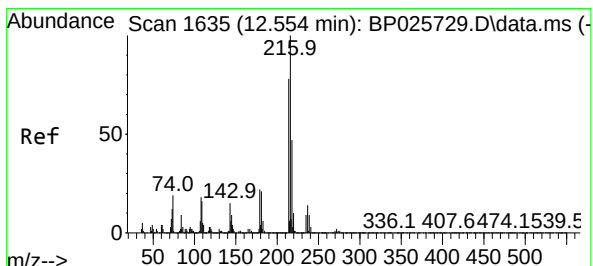
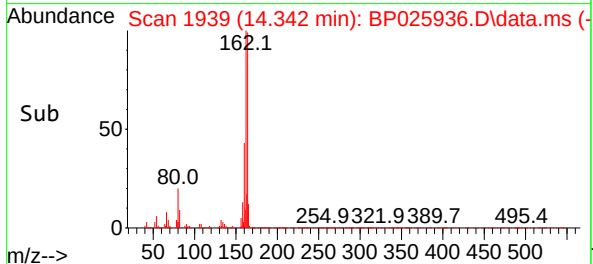
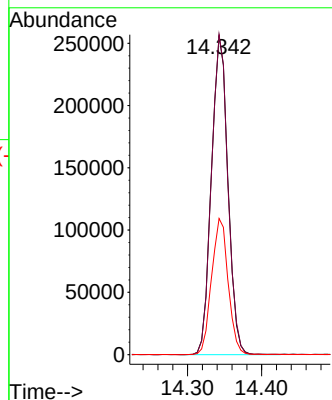
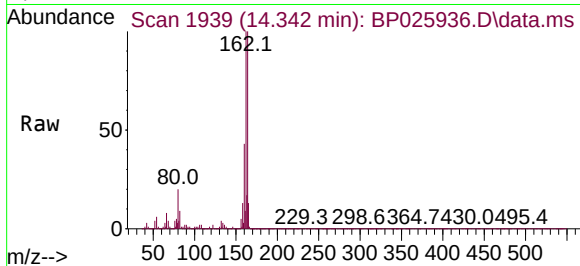




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.342 min Scan# 1945
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

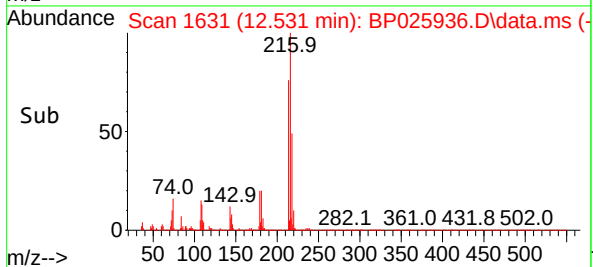
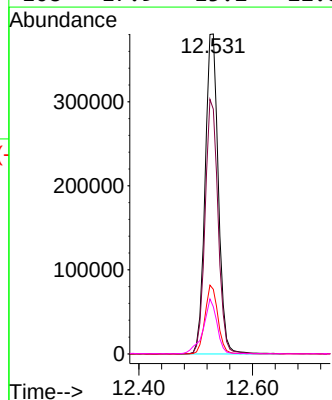
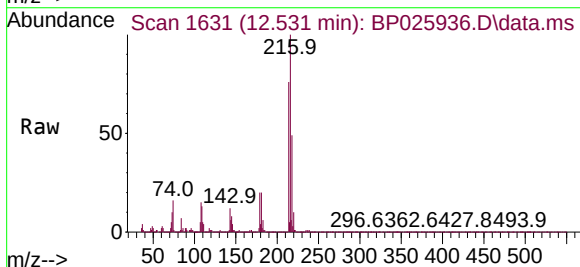
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

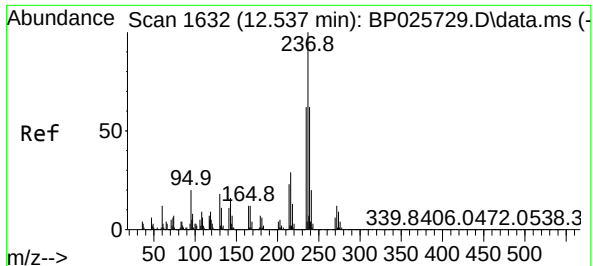
Tgt Ion:164 Resp: 396048
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 42.7 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.300 ng
RT: 12.531 min Scan# 1631
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:216 Resp: 615663
Ion Ratio Lower Upper
216 100
214 78.1 62.4 93.6
179 21.0 17.0 25.6
108 17.9 15.2 22.8

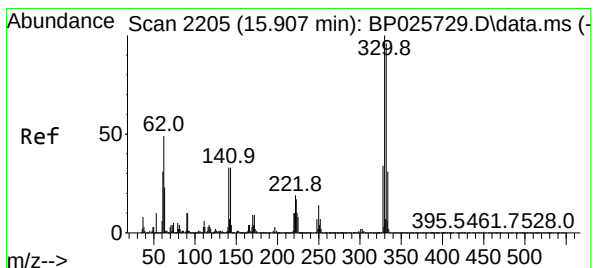
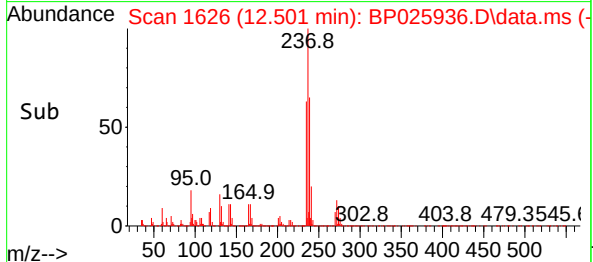
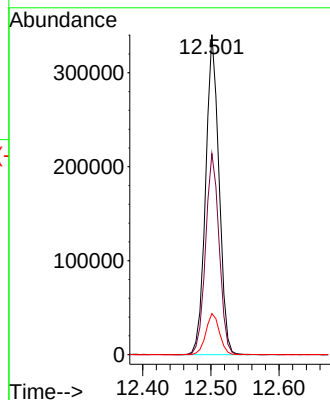
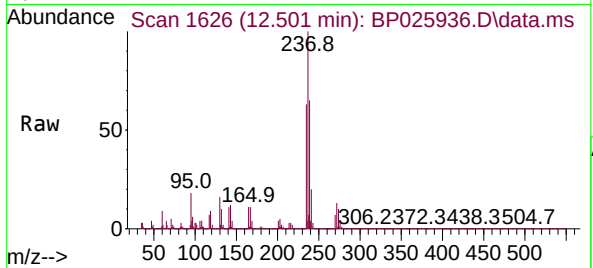




#41
Hexachlorocyclopentadiene
Concen: 70.825 ng
RT: 12.501 min Scan# 10
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

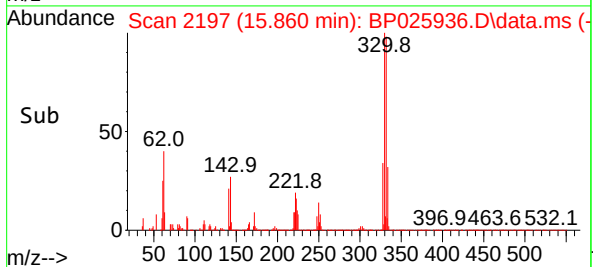
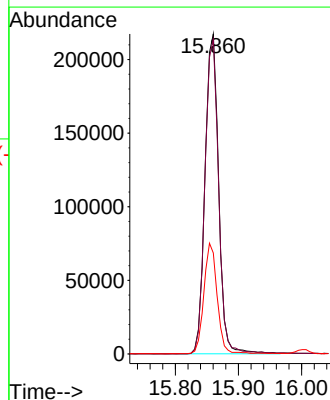
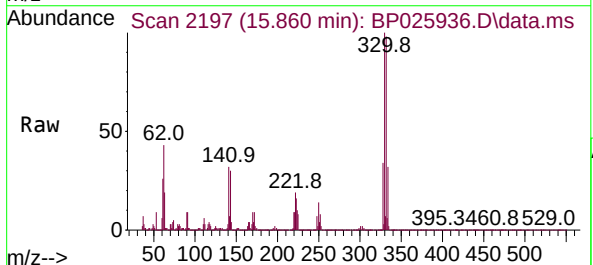
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

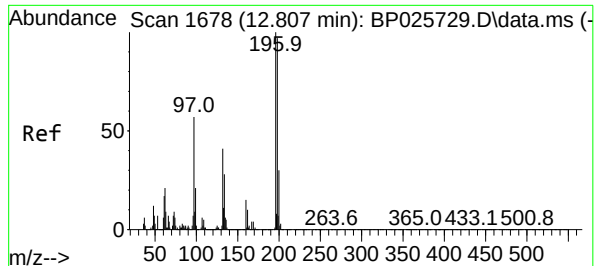
Tgt Ion:237 Resp: 462938
Ion Ratio Lower Upper
237 100
235 62.8 41.9 81.9
272 12.8 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 65.847 ng
RT: 15.860 min Scan# 2197
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:330 Resp: 325277
Ion Ratio Lower Upper
330 100
332 98.4 76.9 115.3
141 33.7 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 47.341 ng

RT: 12.784 min Scan# 1678

Delta R.T. -0.024 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

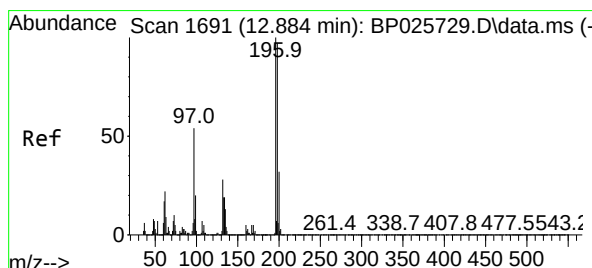
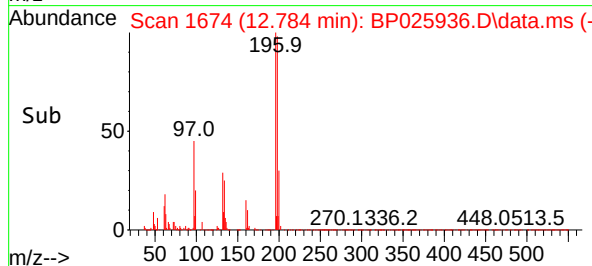
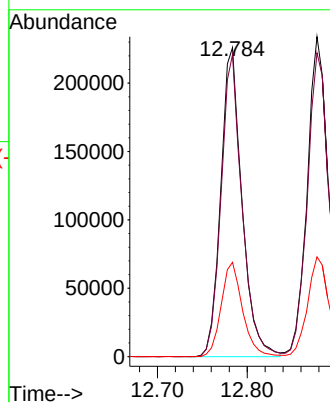
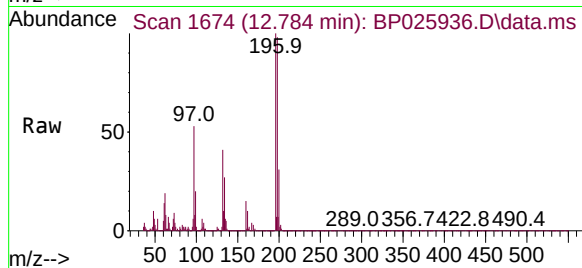
Tgt Ion:196 Resp: 373504

Ion Ratio Lower Upper

196 100

198 97.7 77.2 115.8

200 30.5 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 47.483 ng

RT: 12.878 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Tgt Ion:196 Resp: 416934

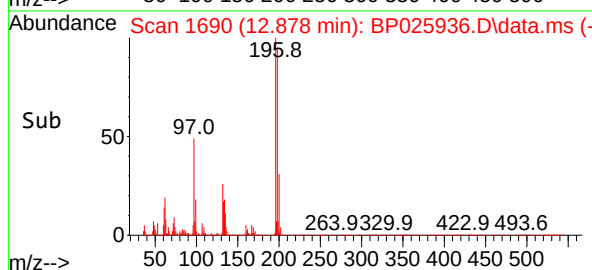
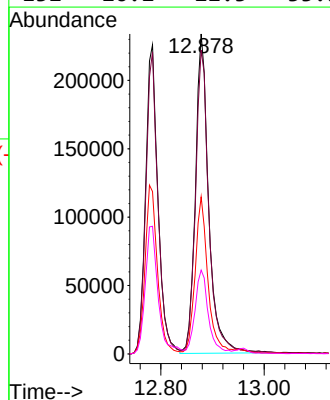
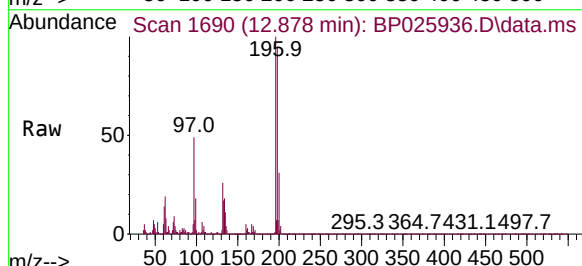
Ion Ratio Lower Upper

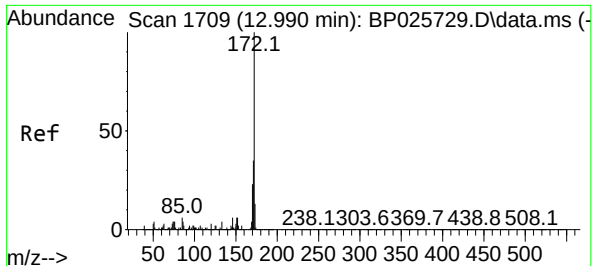
196 100

198 94.9 77.8 116.8

97 49.1 43.3 64.9

132 26.2 22.3 33.5

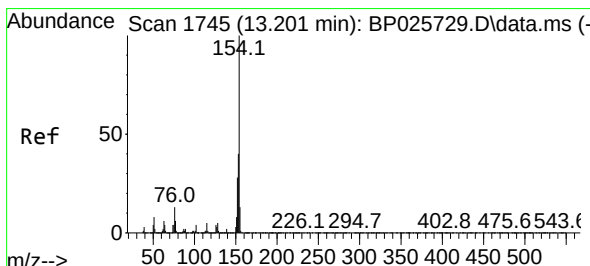
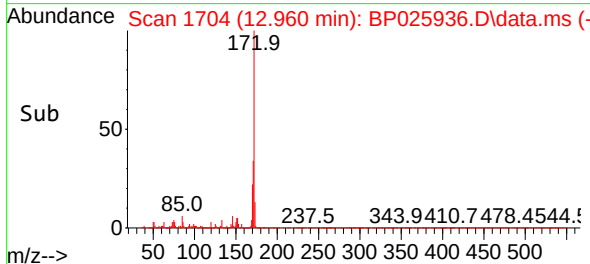
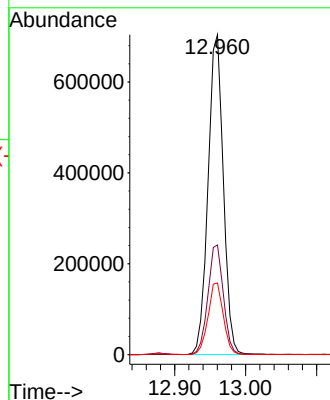
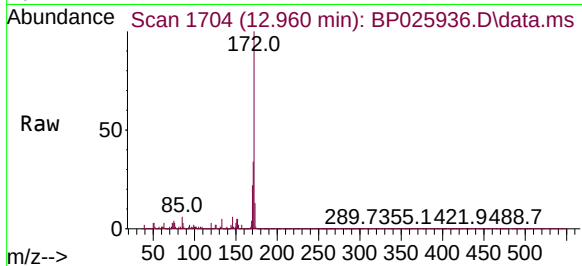




#45
2-Fluorobiphenyl
Concen: 35.227 ng
RT: 12.960 min Scan# 1704
Delta R.T. -0.029 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

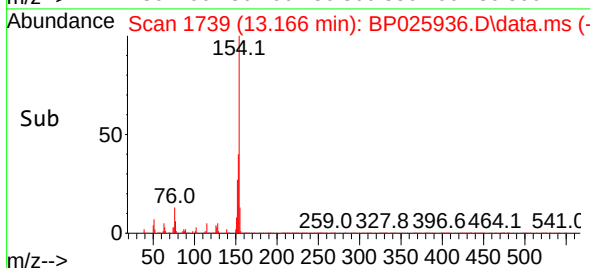
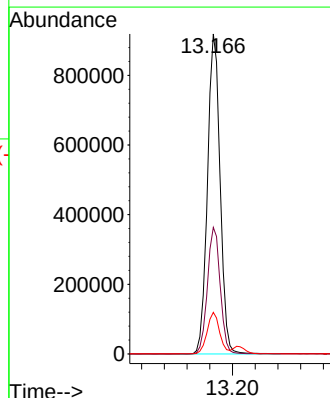
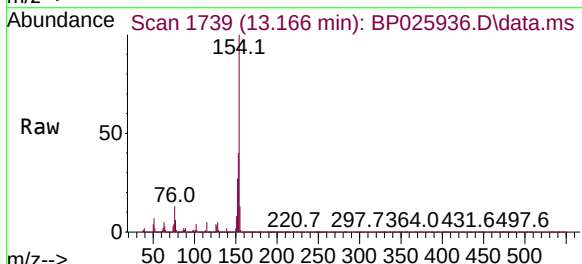
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

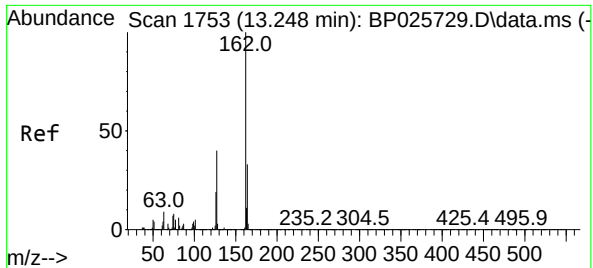
Tgt Ion:172 Resp: 1047798
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.6
170 22.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 49.004 ng
RT: 13.166 min Scan# 1739
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:154 Resp: 1424546
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 13.0 0.0 33.3





#47

2-Chloronaphthalene

Concen: 45.006 ng

RT: 13.213 min Scan# 1753

Delta R.T. -0.035 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

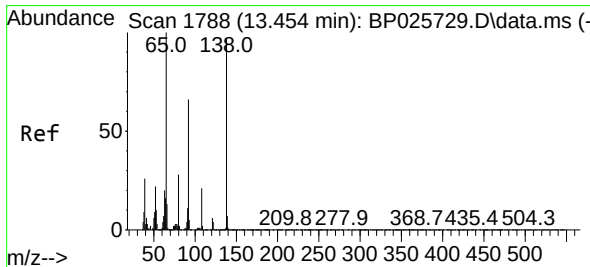
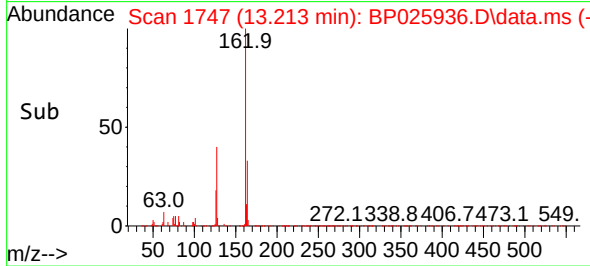
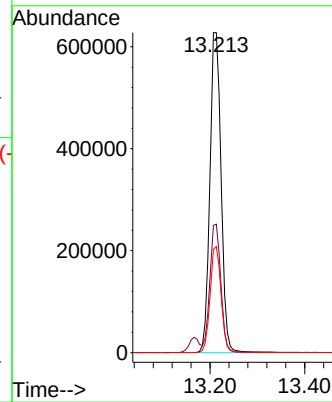
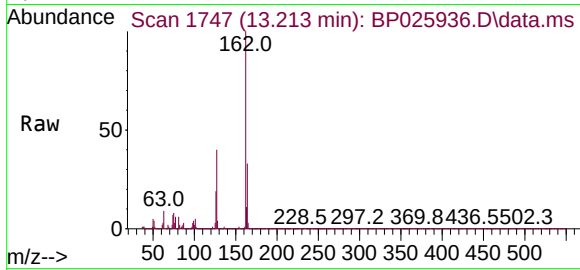
Tgt Ion:162 Resp: 1030182

Ion Ratio Lower Upper

162 100

127 40.1 32.2 48.4

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 44.101 ng

RT: 13.431 min Scan# 1784

Delta R.T. -0.024 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

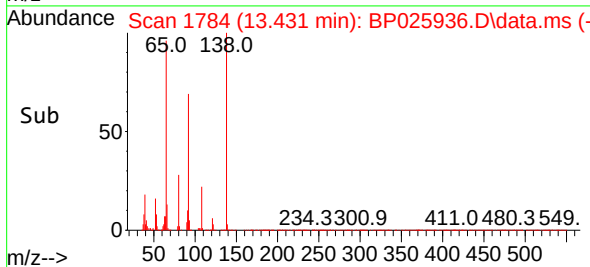
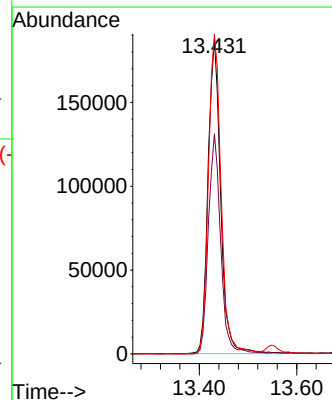
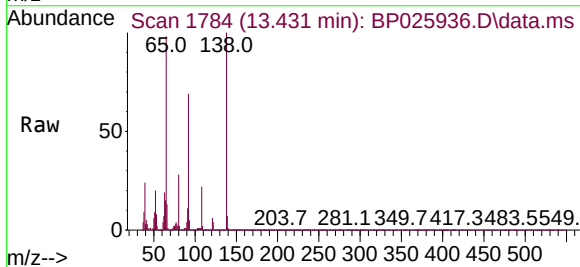
Tgt Ion: 65 Resp: 336501

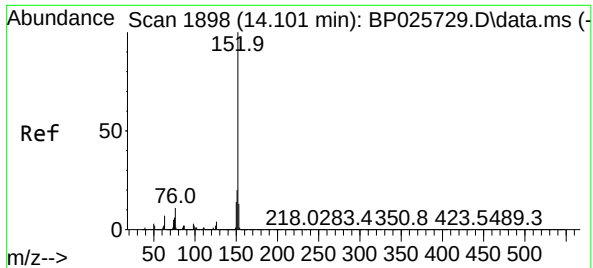
Ion Ratio Lower Upper

65 100

92 70.0 53.1 79.7

138 101.7 77.8 116.8





#49

Acenaphthylene

Concen: 44.407 ng

RT: 14.066 min Scan# 1892

Delta R.T. -0.035 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

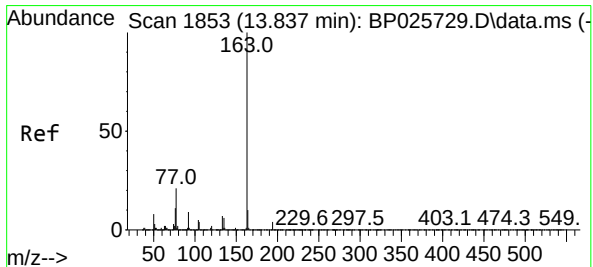
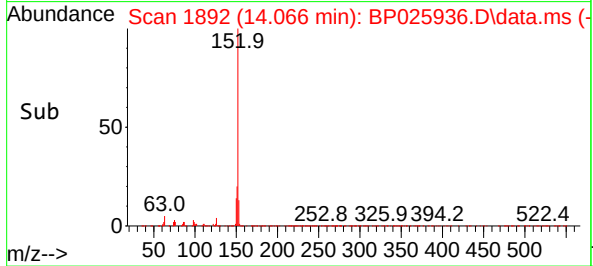
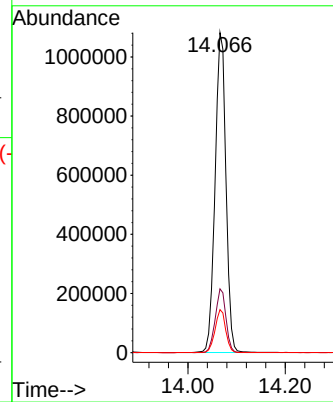
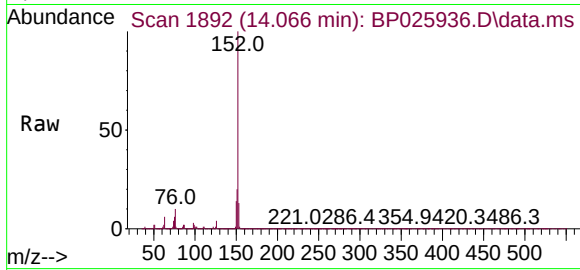
Tgt Ion:152 Resp: 1684166

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 42.932 ng

RT: 13.801 min Scan# 1847

Delta R.T. -0.035 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

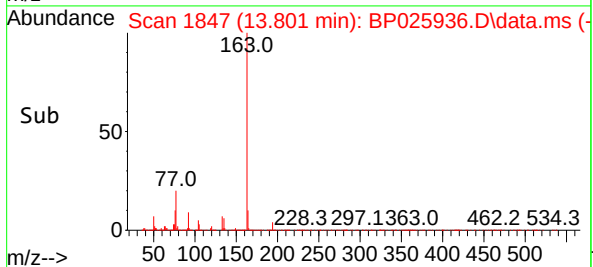
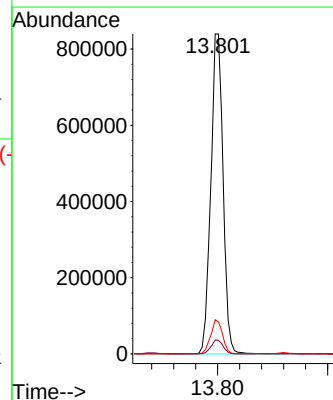
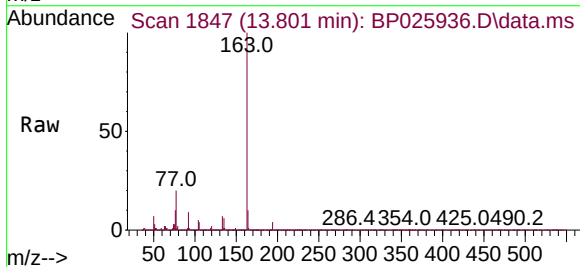
Tgt Ion:163 Resp: 1298148

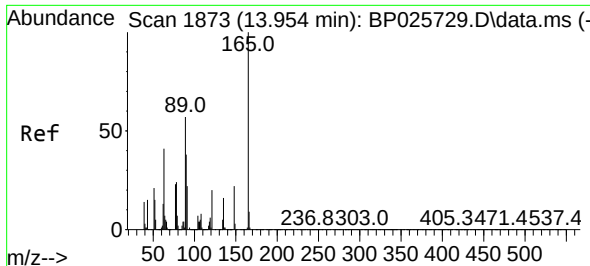
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.0 8.2 12.2

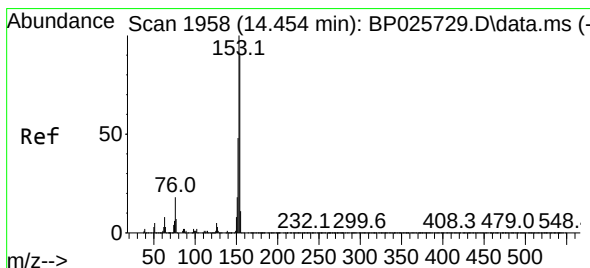
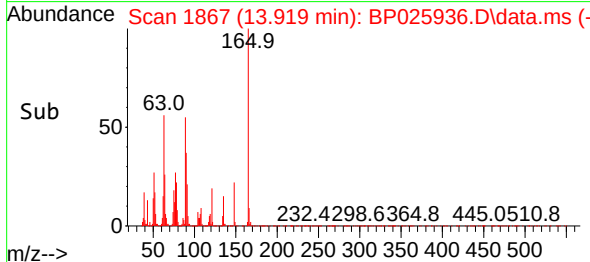
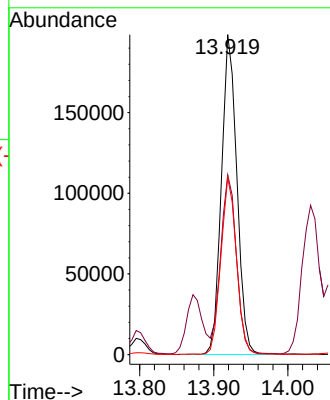
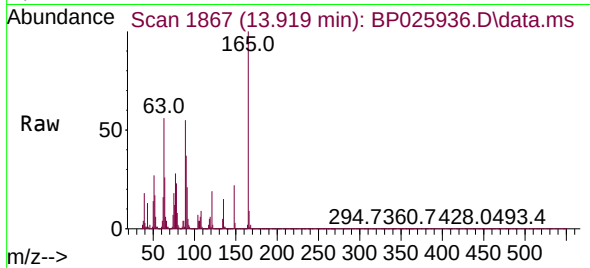




#51
2,6-Dinitrotoluene
Concen: 44.903 ng
RT: 13.919 min Scan# 1867
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

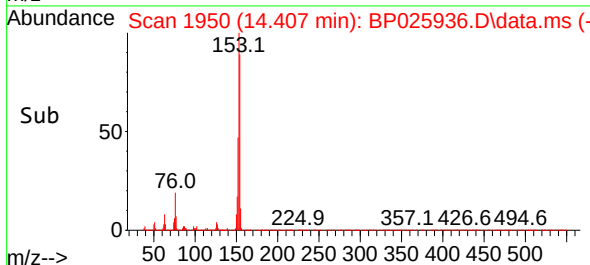
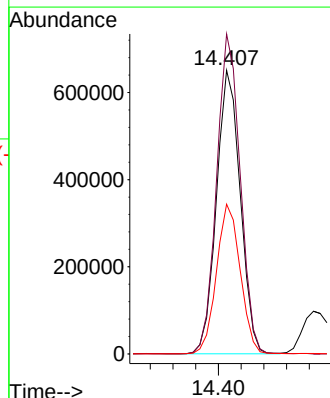
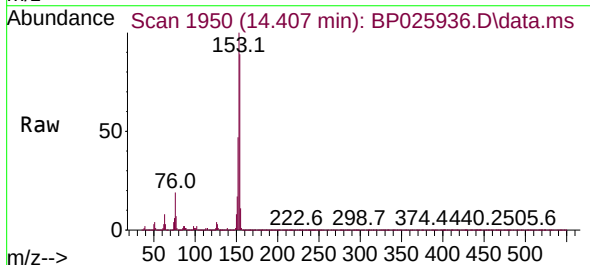
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

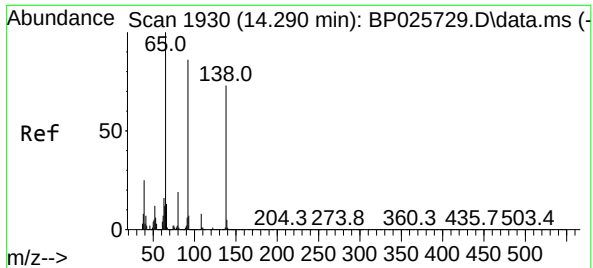
Tgt Ion:165 Resp: 287657
Ion Ratio Lower Upper
165 100
63 56.2 48.1 72.1
89 55.4 45.4 68.0



#52
Acenaphthene
Concen: 43.318 ng
RT: 14.407 min Scan# 1950
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:154 Resp: 947425
Ion Ratio Lower Upper
154 100
153 112.8 89.4 134.0
152 52.8 42.5 63.7

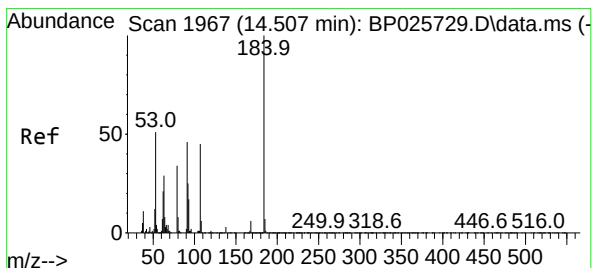
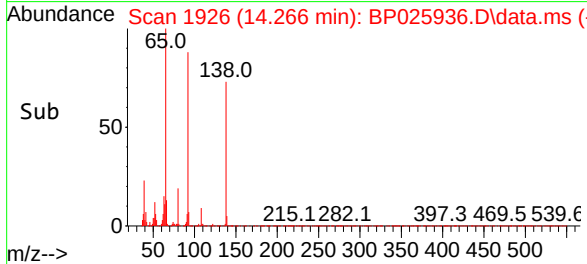
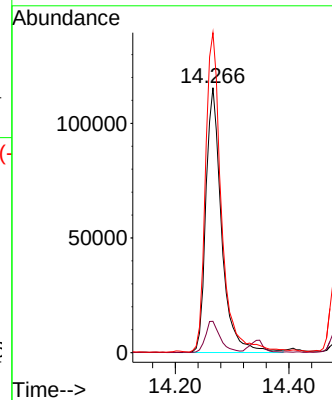
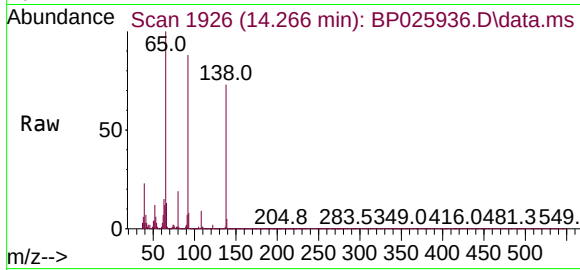




#53
3-Nitroaniline
Concen: 32.946 ng
RT: 14.266 min Scan# 1930
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

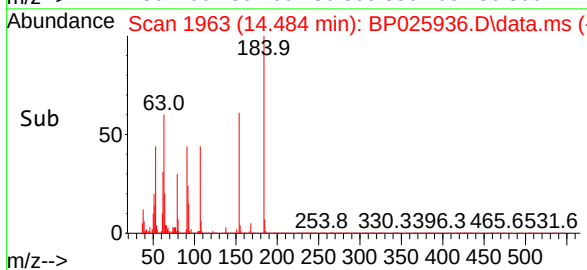
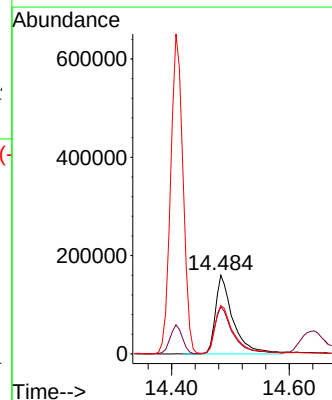
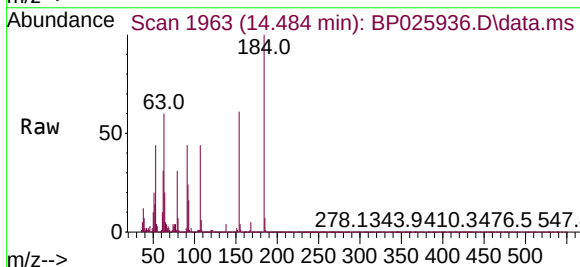
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

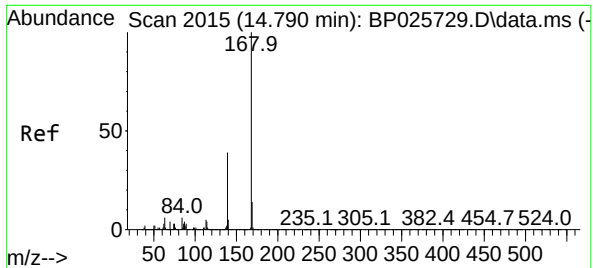
Tgt Ion:138 Resp: 221945
Ion Ratio Lower Upper
138 100
108 11.8 8.7 13.1
92 120.8 94.6 142.0



#54
2,4-Dinitrophenol
Concen: 79.271 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.023 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:184 Resp: 329980
Ion Ratio Lower Upper
184 100
63 60.1 52.5 78.7
154 61.3 51.5 77.3

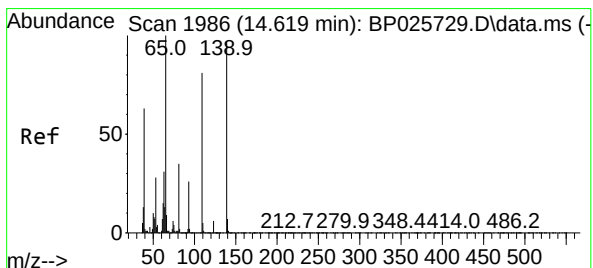
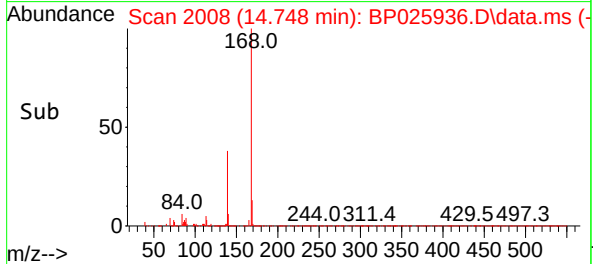
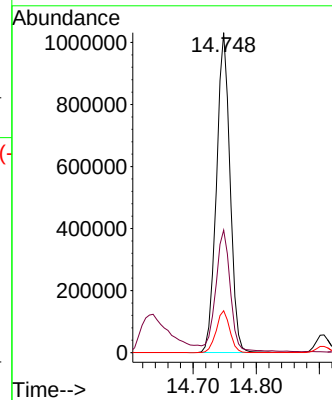
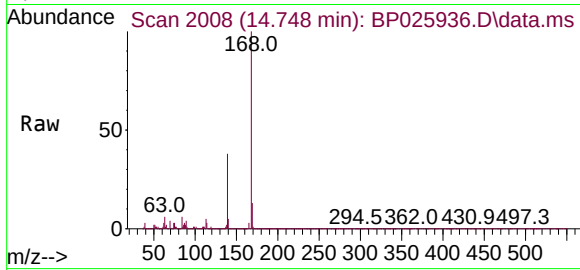




#55
Dibenzofuran
Concen: 43.193 ng
RT: 14.748 min Scan# 2015
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

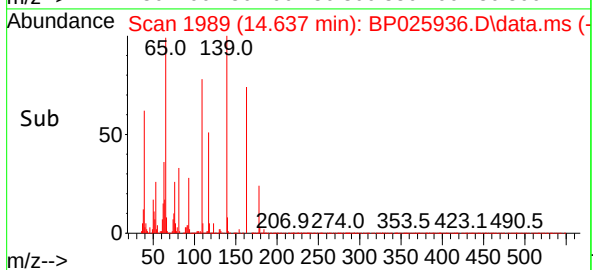
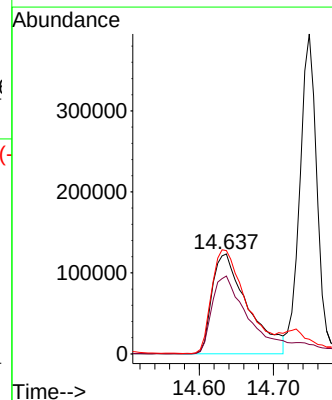
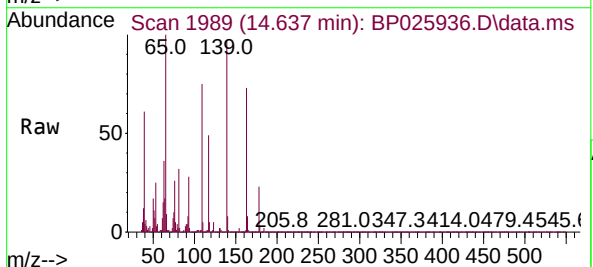
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

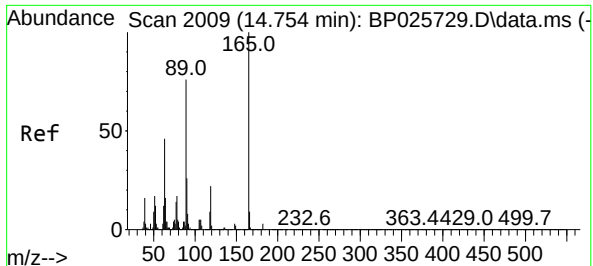
Tgt Ion:168 Resp: 1539669
Ion Ratio Lower Upper
168 100
139 38.3 31.7 47.5
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 71.448 ng
RT: 14.637 min Scan# 1989
Delta R.T. 0.018 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:139 Resp: 411551
Ion Ratio Lower Upper
139 100
109 78.0 62.9 102.9
65 103.4 83.4 123.4

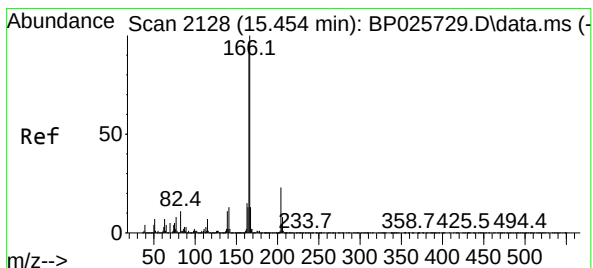
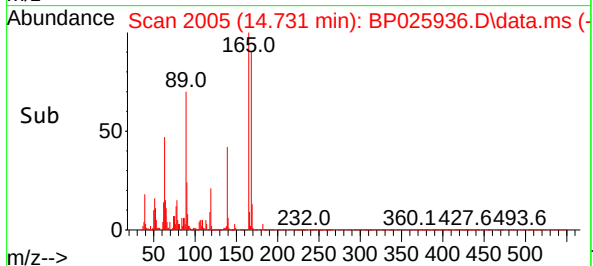
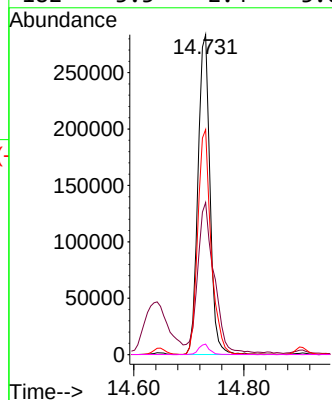
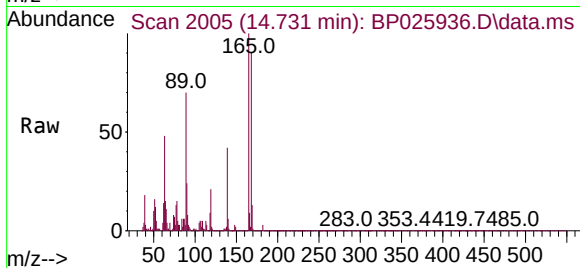




#57
2,4-Dinitrotoluene
Concen: 47.012 ng
RT: 14.731 min Scan# 2005
Delta R.T. -0.024 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

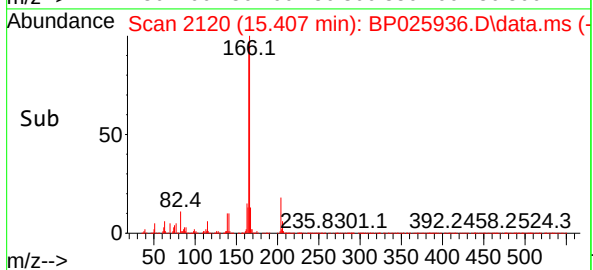
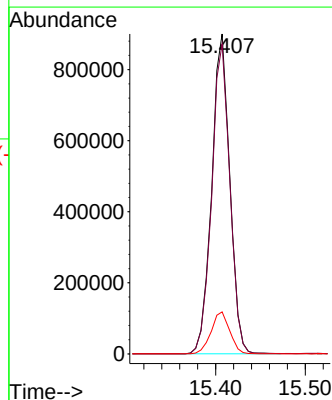
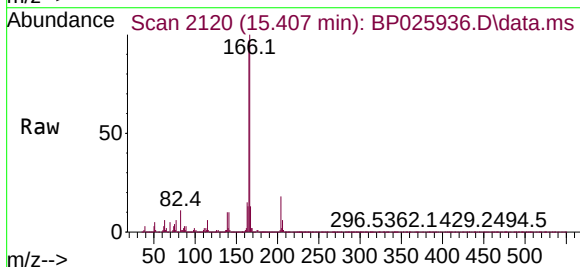
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

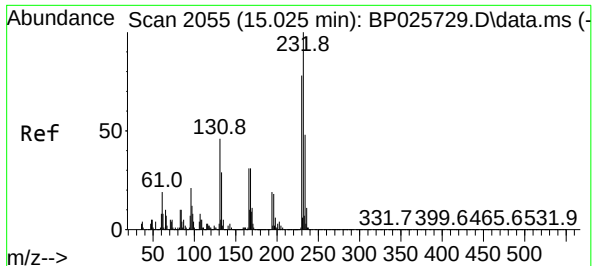
Tgt Ion:165 Resp: 428603
Ion Ratio Lower Upper
165 100
63 47.5 37.7 56.5
89 70.3 61.0 91.6
182 3.3 2.4 3.6



#58
Fluorene
Concen: 44.466 ng
RT: 15.407 min Scan# 2120
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:166 Resp: 1260416
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 13.1 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.700 ng

RT: 14.990 min Scan# 20

Delta R.T. -0.035 min

Lab File: BP025936.D

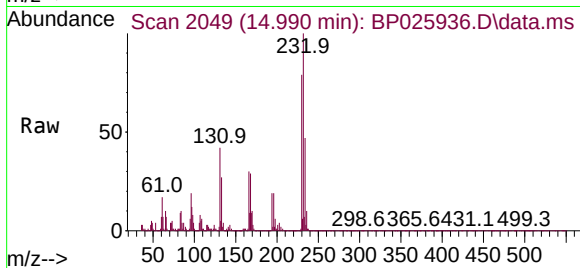
Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD



Tgt Ion:232 Resp: 377295

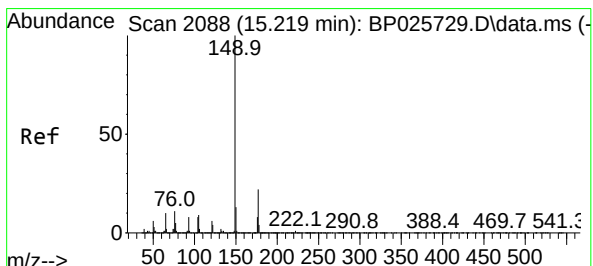
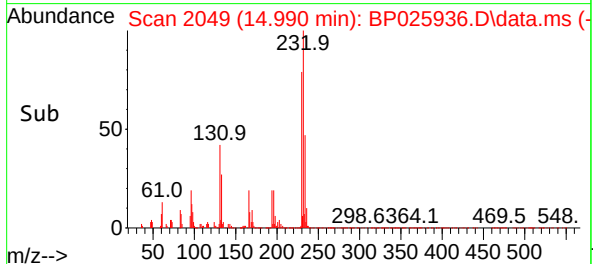
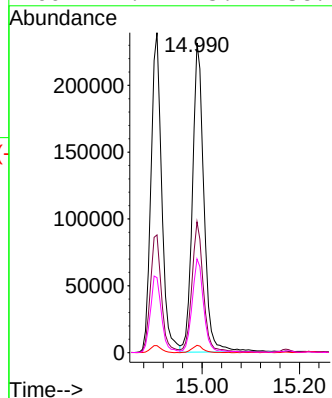
Ion Ratio Lower Upper

232 100

131 42.3 36.7 55.1

130 2.3 2.0 3.0

166 29.9 25.4 38.2



#60

Diethylphthalate

Concen: 43.896 ng

RT: 15.172 min Scan# 2080

Delta R.T. -0.047 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

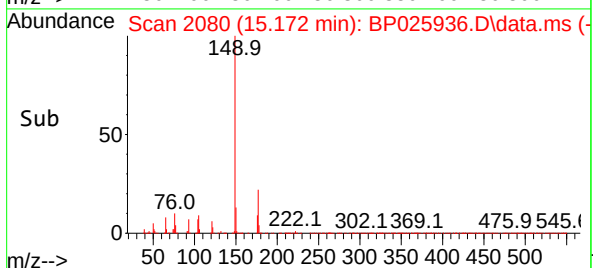
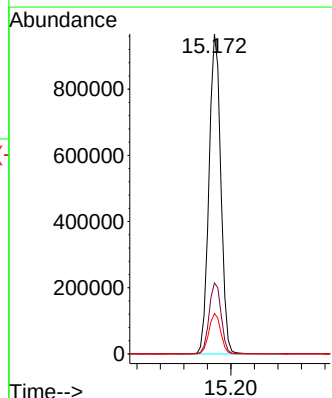
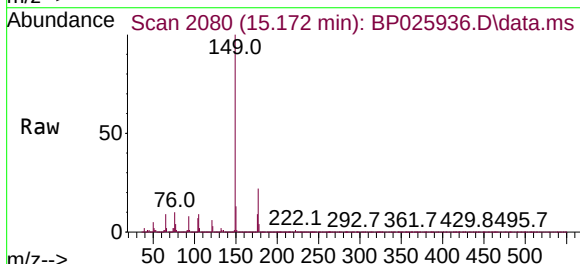
Tgt Ion:149 Resp: 1346346

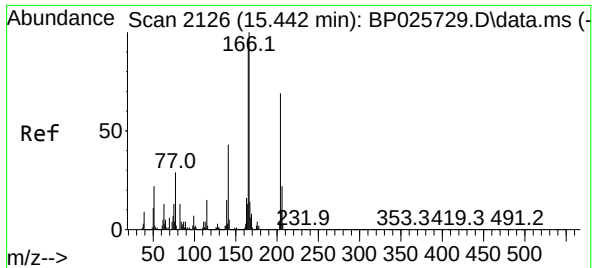
Ion Ratio Lower Upper

149 100

177 22.2 17.7 26.5

150 12.6 10.0 15.0

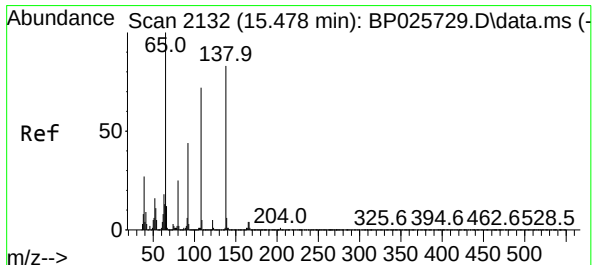
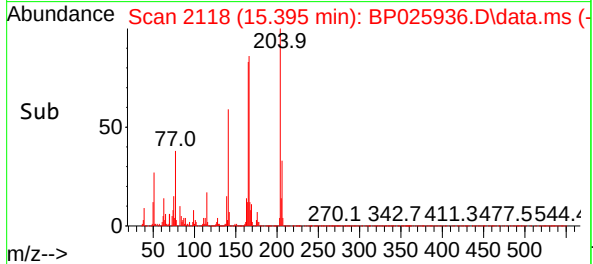
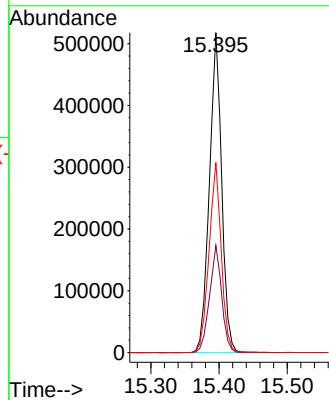
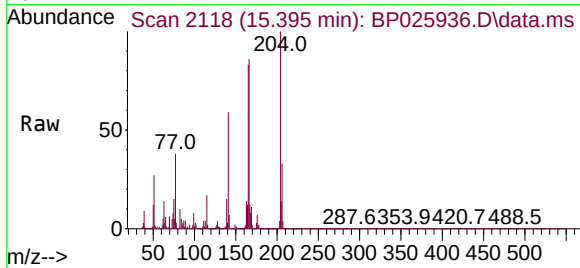




#61
4-Chlorophenyl-phenylether
Concen: 45.408 ng
RT: 15.395 min Scan# 2118
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

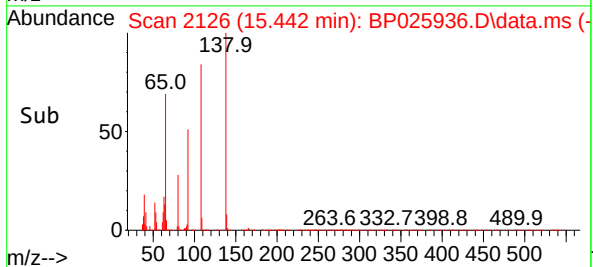
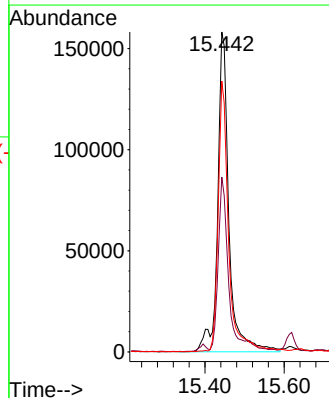
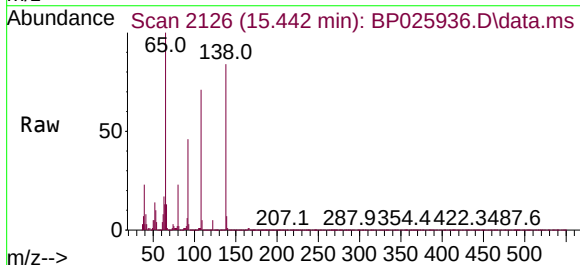
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

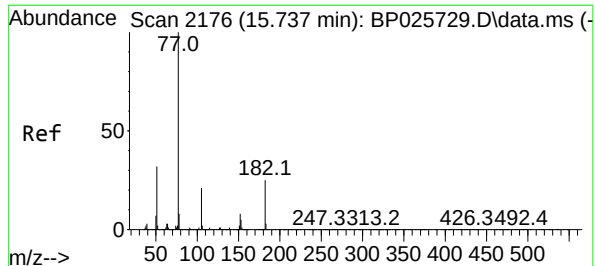
Tgt Ion:204 Resp: 648675
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 59.4 49.7 74.5



#62
4-Nitroaniline
Concen: 44.932 ng
RT: 15.442 min Scan# 2126
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:138 Resp: 310095
Ion Ratio Lower Upper
138 100
92 54.6 33.3 73.3
108 84.6 66.7 106.7

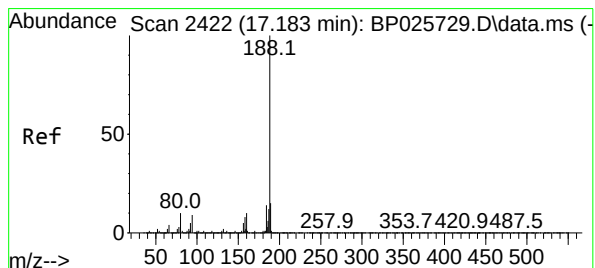
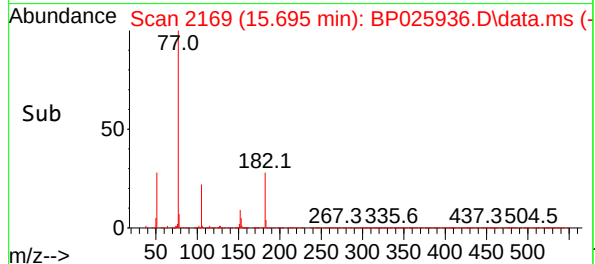
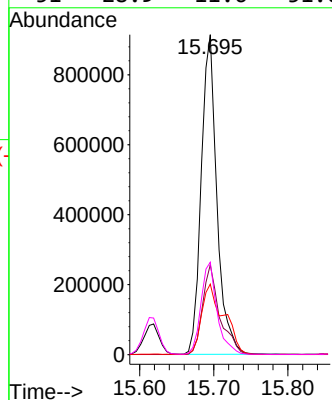
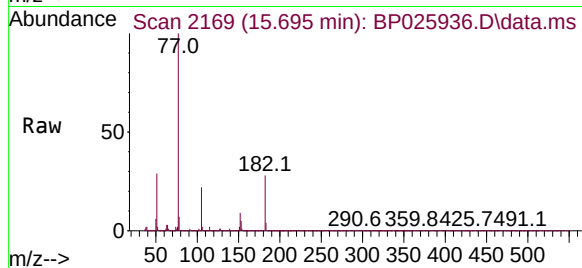




#63
Azobenzene
Concen: 45.178 ng
RT: 15.695 min Scan# 2176
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

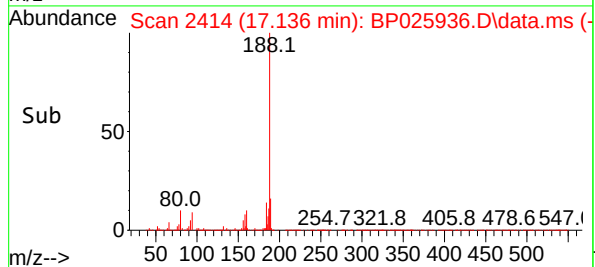
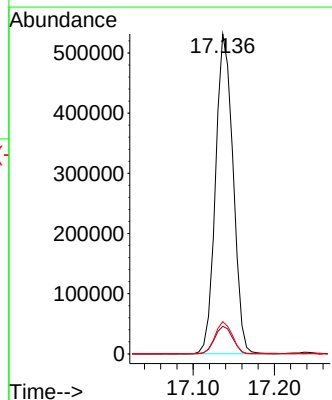
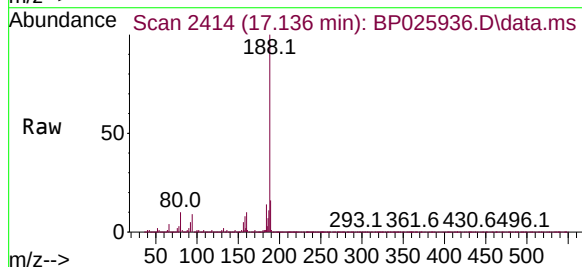
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

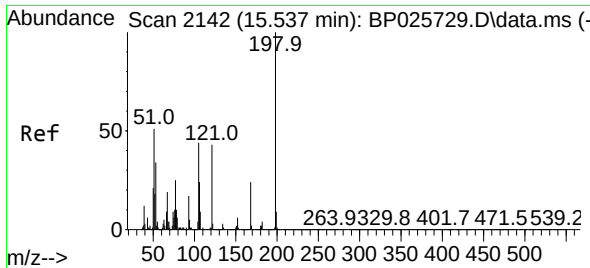
Tgt Ion: 77 Resp: 1339837
Ion Ratio Lower Upper
77 100
182 28.1 5.2 45.2
105 22.0 1.1 41.1
51 28.9 11.6 51.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.136 min Scan# 2414
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:188 Resp: 796318
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 10.1 7.7 11.5

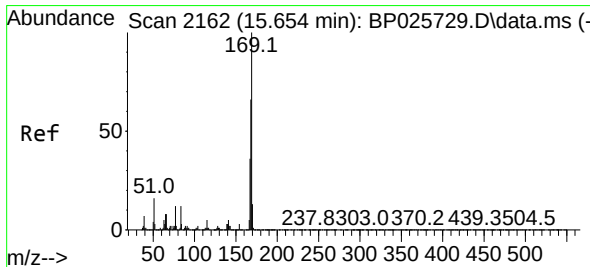
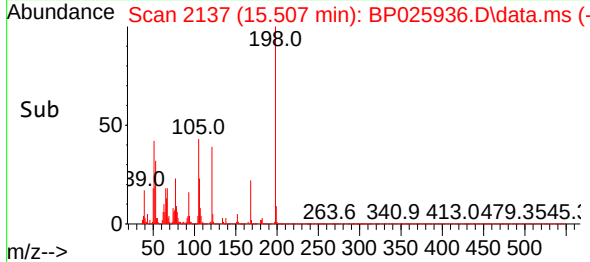
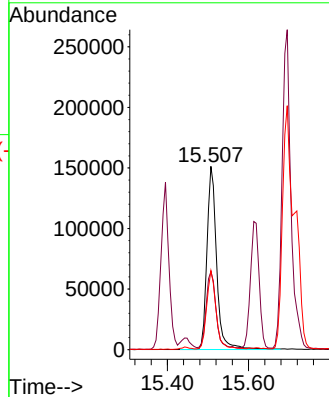
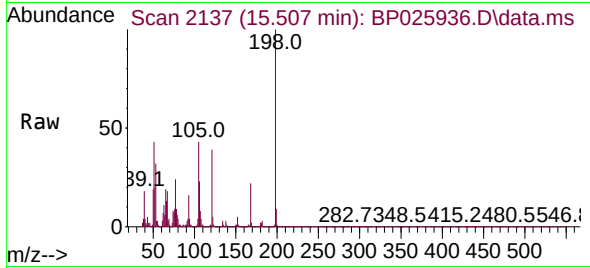




#65
4,6-Dinitro-2-methylphenol
Concen: 47.446 ng
RT: 15.507 min Scan# 2142
Delta R.T. -0.029 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

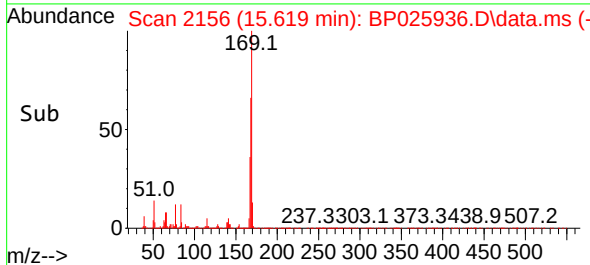
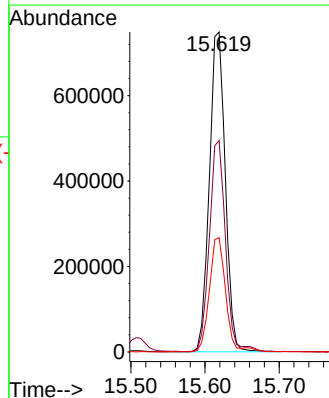
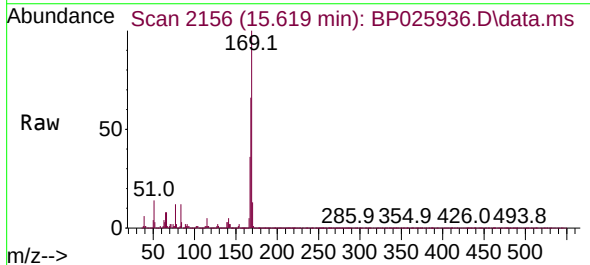
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

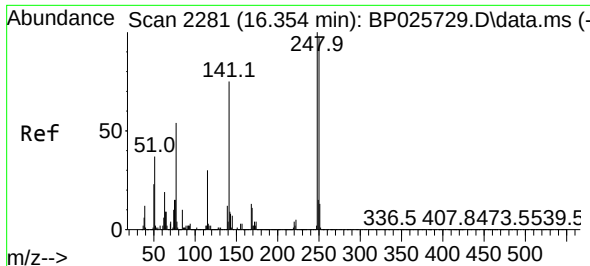
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.6	33.4	73.4
105	43.1	24.3	64.3



#66
n-Nitrosodiphenylamine
Concen: 45.894 ng
RT: 15.619 min Scan# 2156
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	52.6	78.8
167	35.7	28.5	42.7

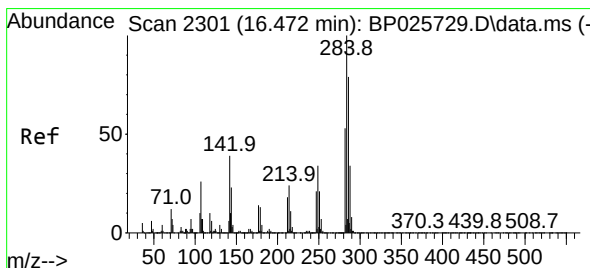
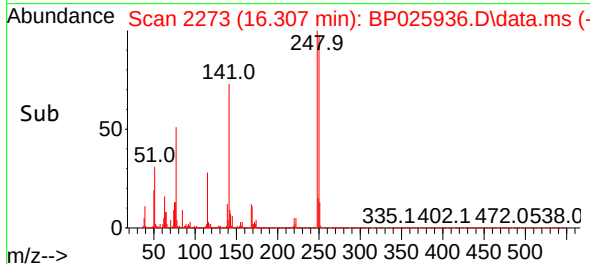
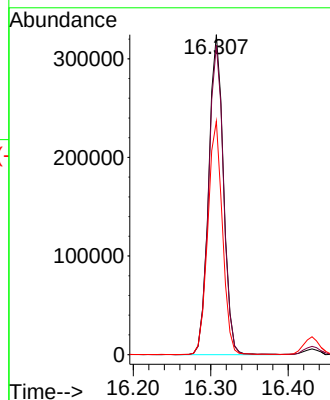
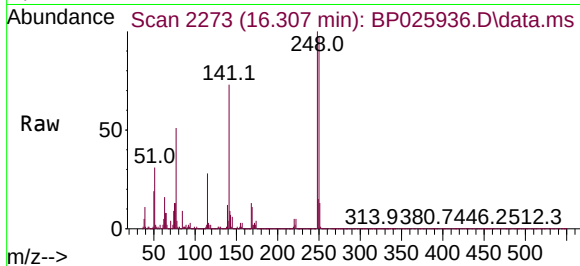




#67
4-Bromophenyl-phenylether
Concen: 49.034 ng
RT: 16.307 min Scan# 21
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

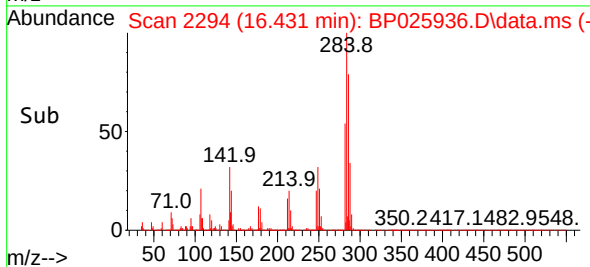
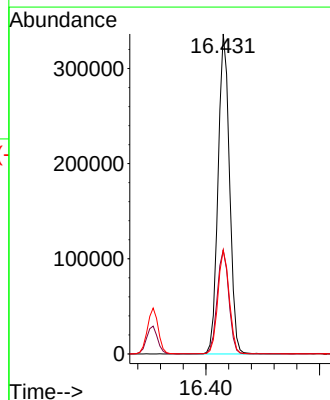
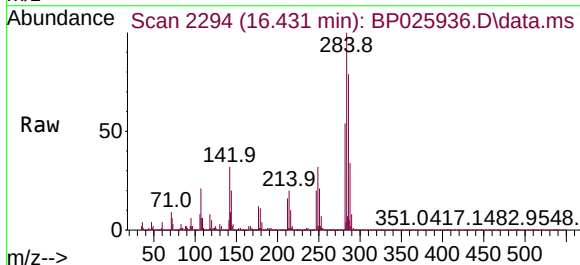
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

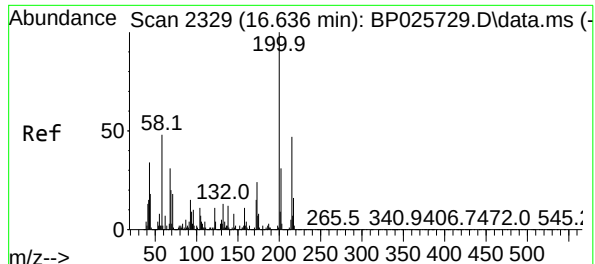
Tgt Ion:248 Resp: 428958
Ion Ratio Lower Upper
248 100
250 96.6 77.5 116.3
141 72.9 60.2 90.4



#68
Hexachlorobenzene
Concen: 48.253 ng
RT: 16.431 min Scan# 2294
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:284 Resp: 470741
Ion Ratio Lower Upper
284 100
142 32.4 31.3 46.9
249 32.5 27.3 40.9

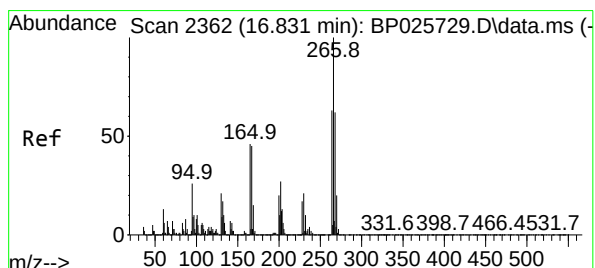
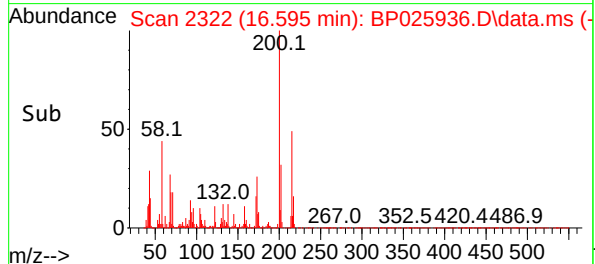
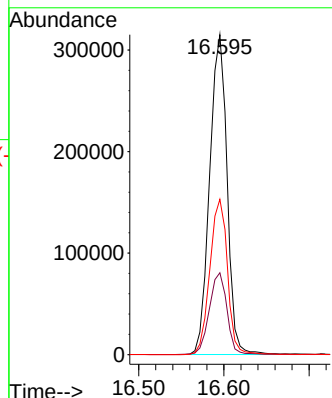
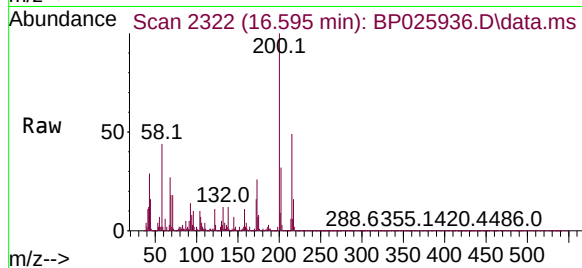




#69
Atrazine
Concen: 47.973 ng
RT: 16.595 min Scan# 2311
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

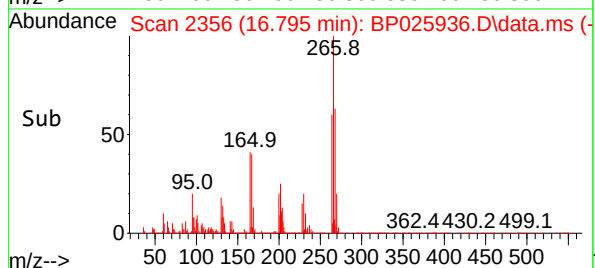
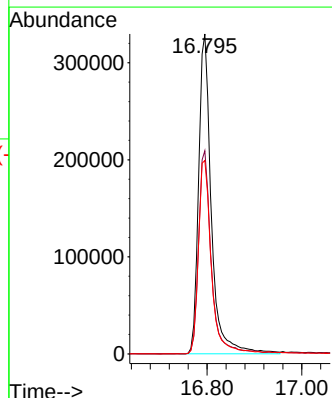
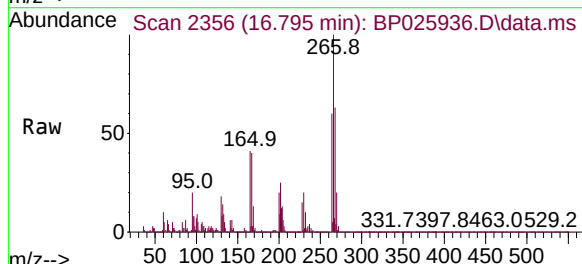
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

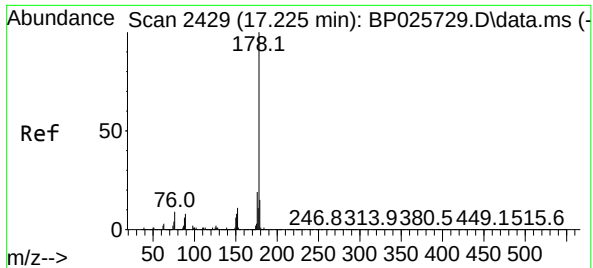
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.6	4.2	44.2
215	48.5	27.3	67.3



#70
Pentachlorophenol
Concen: 95.531 ng
RT: 16.795 min Scan# 2356
Delta R.T. -0.035 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.8	74.8
264	60.4	50.2	75.2

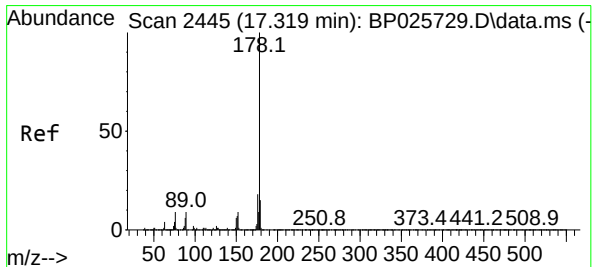
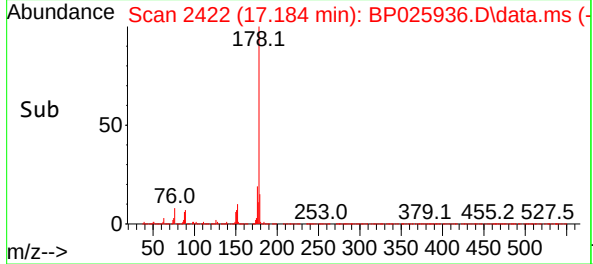
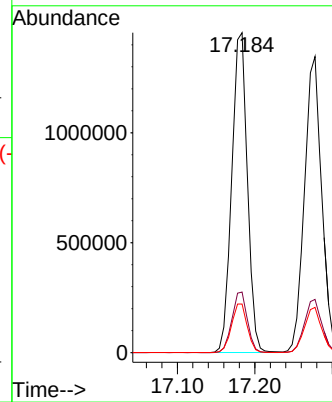
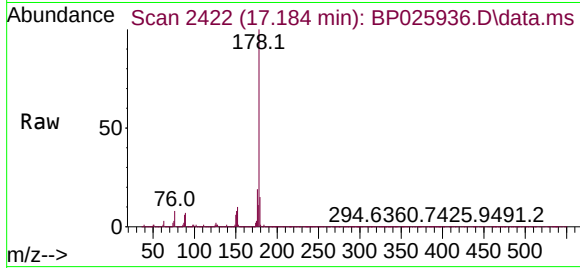




#71
Phenanthrene
Concen: 45.334 ng
RT: 17.184 min Scan# 2429
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

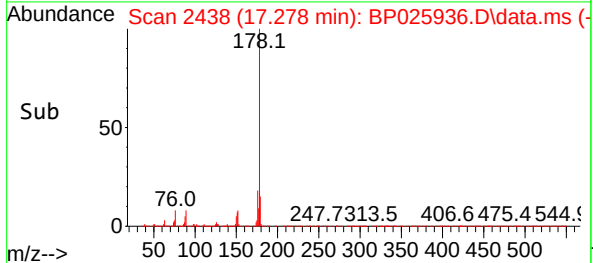
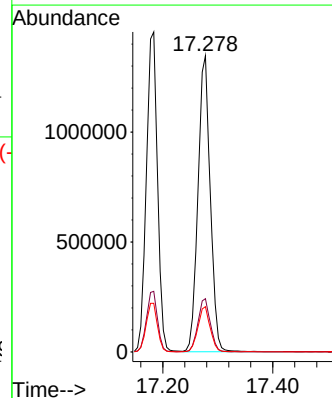
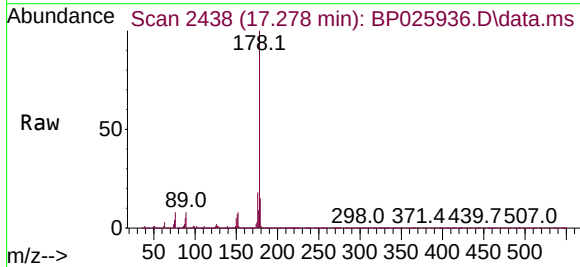
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

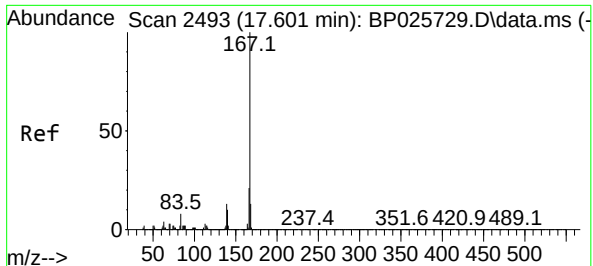
Tgt Ion:178 Resp: 2047806
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.2 12.2 18.4



#72
Anthracene
Concen: 45.561 ng
RT: 17.278 min Scan# 2438
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:178 Resp: 2088190
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.3 12.2 18.4

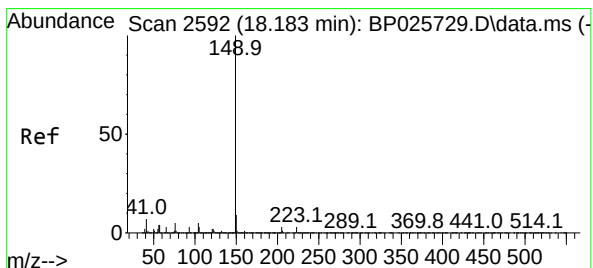
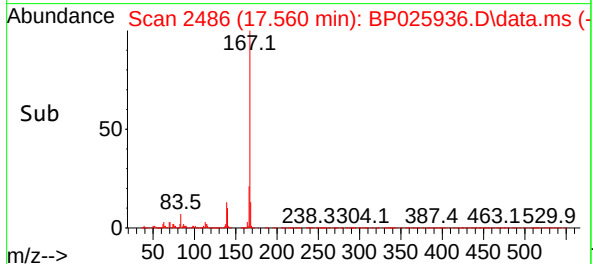
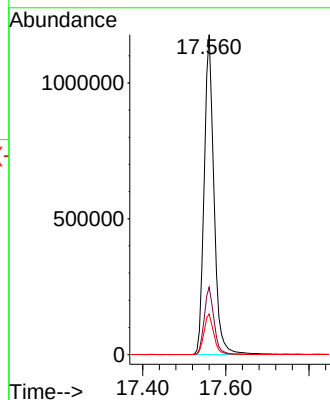
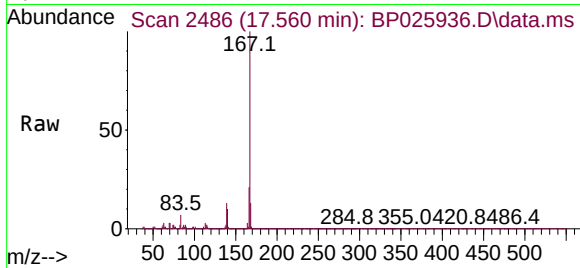




#73
Carbazole
Concen: 45.483 ng
RT: 17.560 min Scan# 24
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

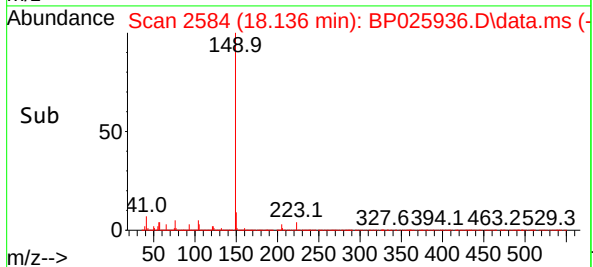
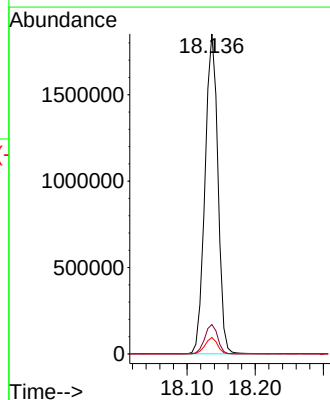
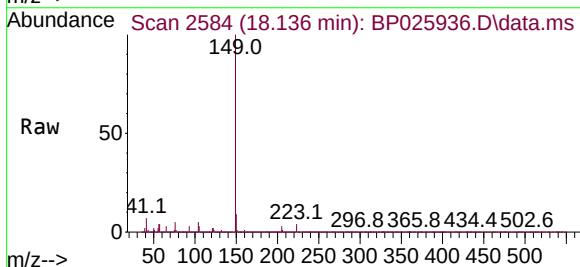
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

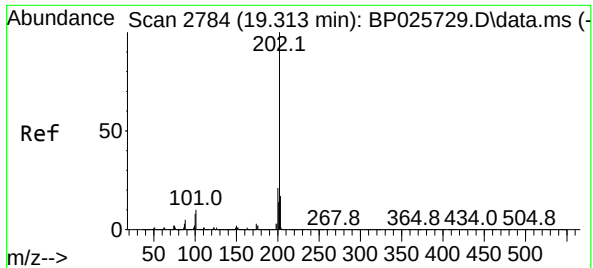
Tgt Ion:167 Resp: 1938033
Ion Ratio Lower Upper
167 100
166 21.1 17.0 25.4
139 12.7 10.6 16.0



#74
Di-n-butylphthalate
Concen: 46.535 ng
RT: 18.136 min Scan# 2584
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:149 Resp: 2433350
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 5.1 4.3 6.5

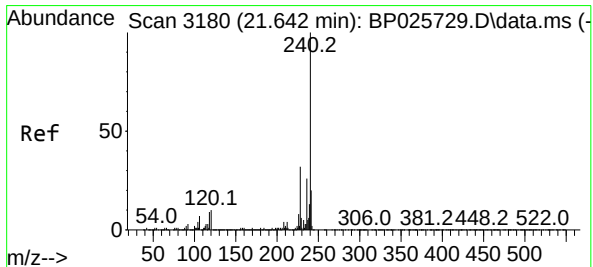
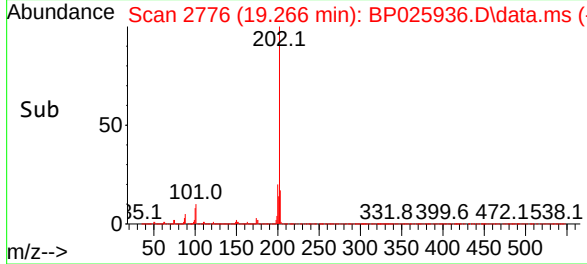
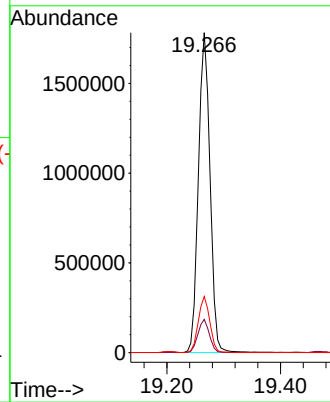
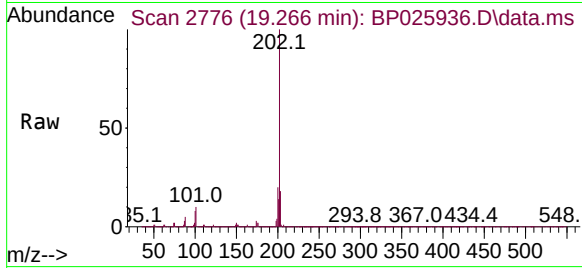




#75
Fluoranthene
Concen: 46.336 ng
RT: 19.266 min Scan# 21
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

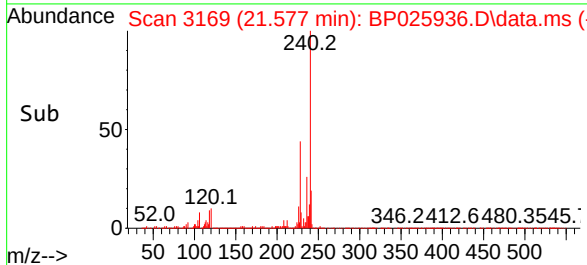
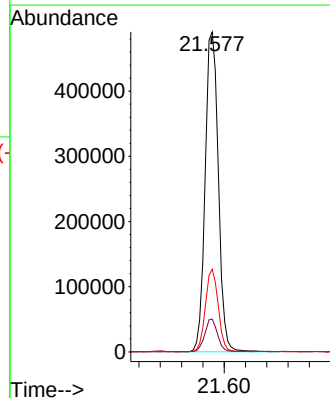
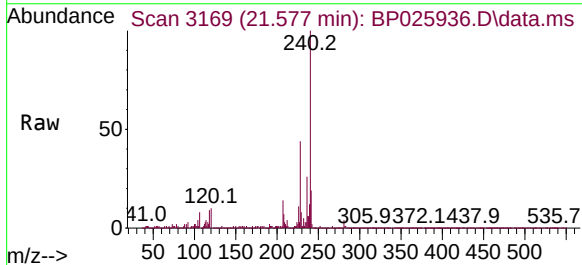
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

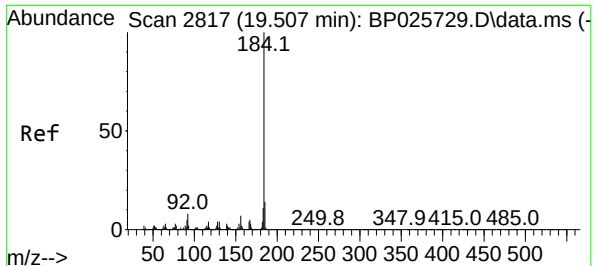
Tgt Ion:202 Resp: 2510296
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.4
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. -0.065 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:240 Resp: 842677
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.8 20.7 31.1

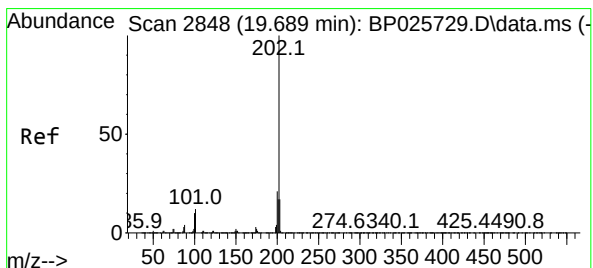
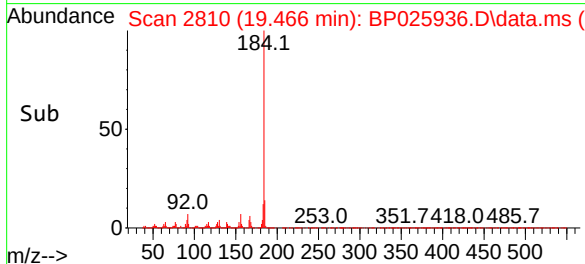
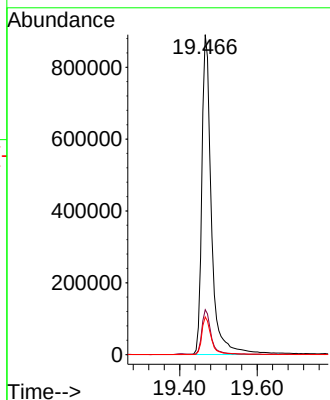
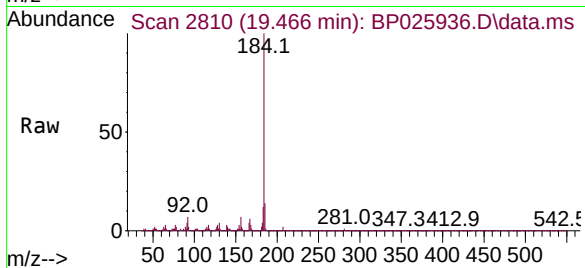




#77
Benzidine
Concen: 63.029 ng
RT: 19.466 min Scan# 2817
Delta R.T. -0.041 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

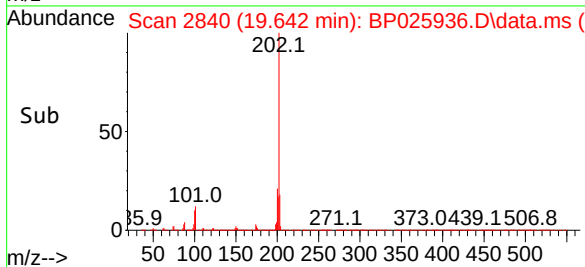
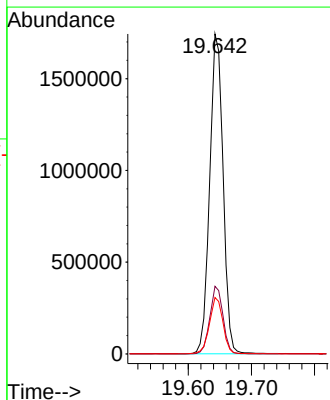
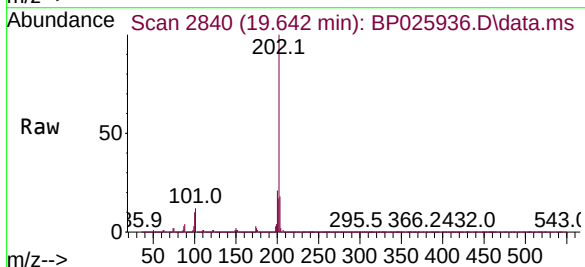
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

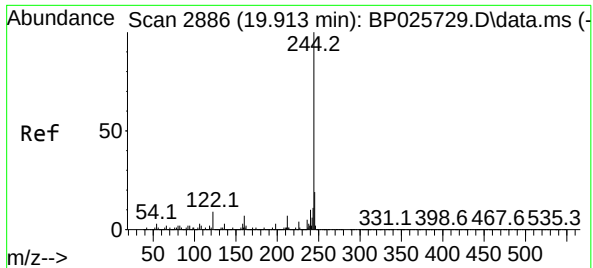
Tgt Ion:184 Resp: 1529951
Ion Ratio Lower Upper
184 100
185 14.0 11.5 17.3
183 11.8 9.2 13.8



#78
Pyrene
Concen: 45.810 ng
RT: 19.642 min Scan# 2840
Delta R.T. -0.047 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:202 Resp: 2575806
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.6 13.9 20.9



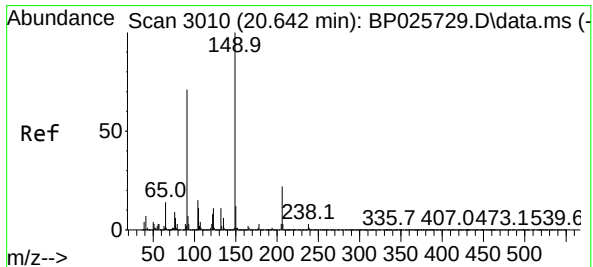
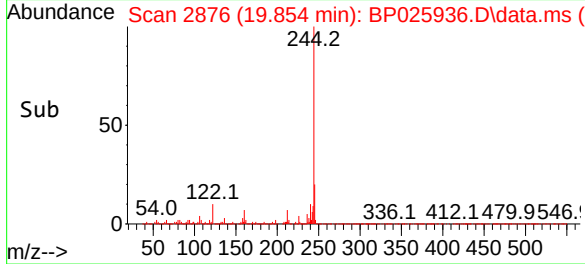
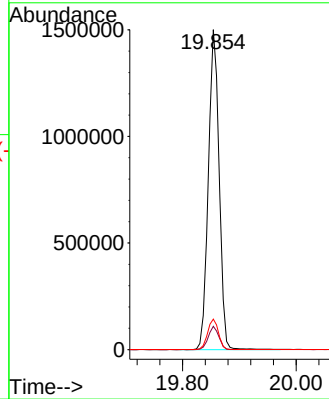
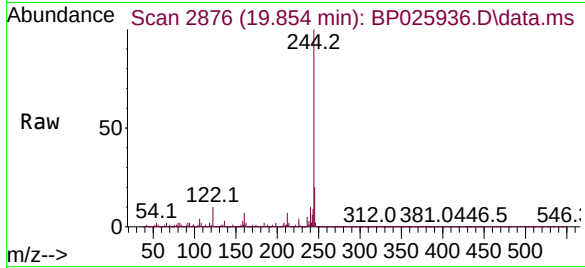


#79
 Terphenyl-d14
 Concen: 42.436 ng
 RT: 19.854 min Scan# 2886
 Delta R.T. -0.059 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

Instrument :
 BNA_P
 ClientSampleId :
 72-11966MSD

Tgt Ion:244 Resp: 1987759

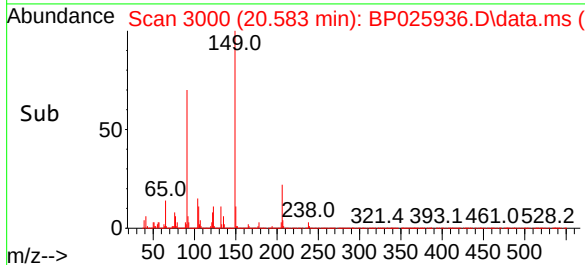
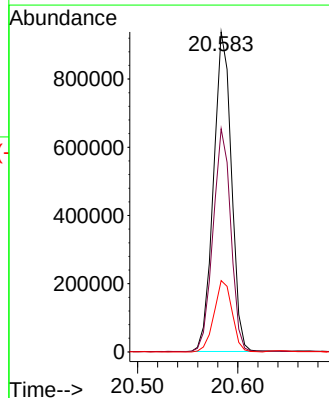
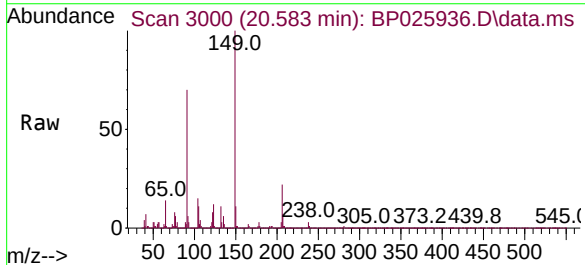
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.5	7.1	10.7

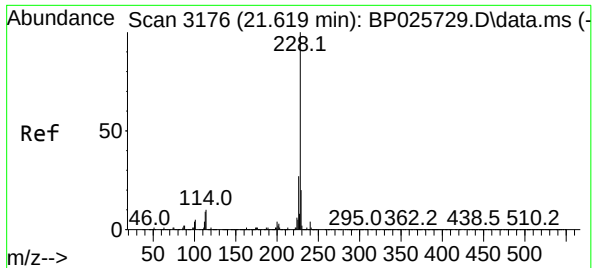


#80
 Butylbenzylphthalate
 Concen: 46.977 ng
 RT: 20.583 min Scan# 3000
 Delta R.T. -0.059 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

Tgt Ion:149 Resp: 1158170

Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.6	85.0
206	22.3	17.4	26.0

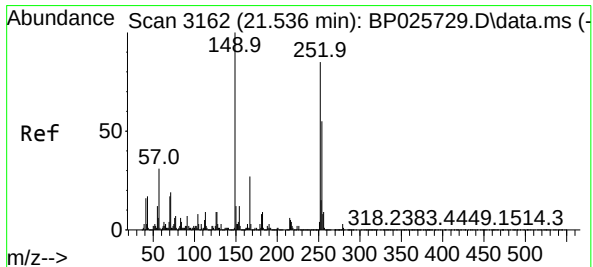
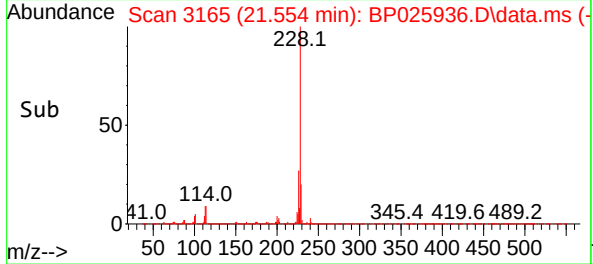
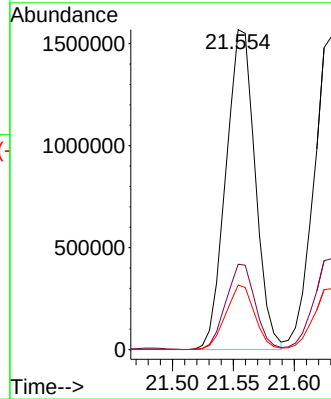
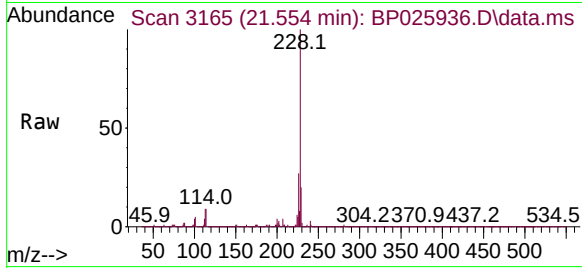




#81
Benzo(a)anthracene
Concen: 45.576 ng
RT: 21.554 min Scan# 3115
Delta R.T. -0.065 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

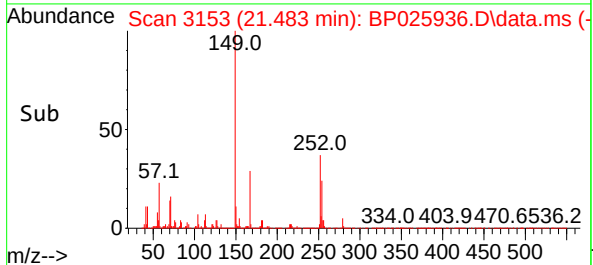
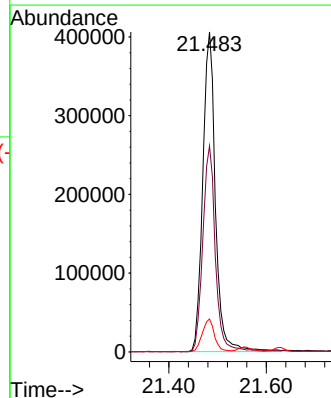
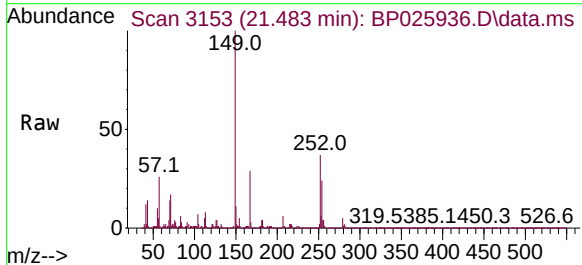
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

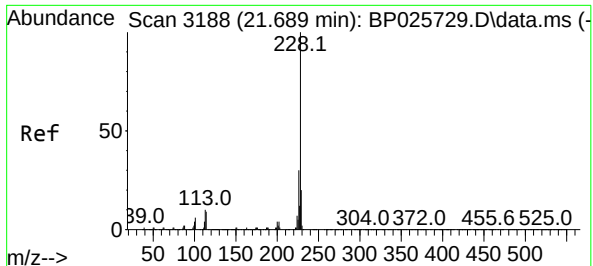
Tgt Ion:228 Resp: 2629313
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 20.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 36.611 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.053 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:252 Resp: 730308
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.0
126 10.3 8.3 12.5

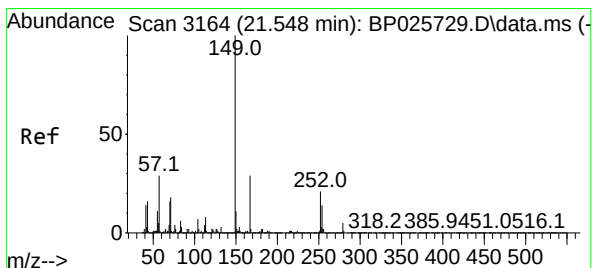
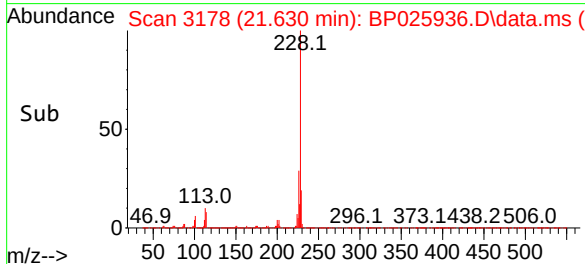
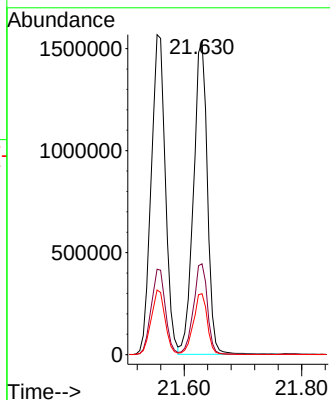
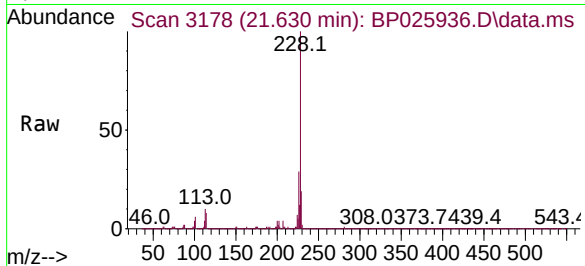




#83
Chrysene
Concen: 45.619 ng
RT: 21.630 min Scan# 311
Delta R.T. -0.059 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

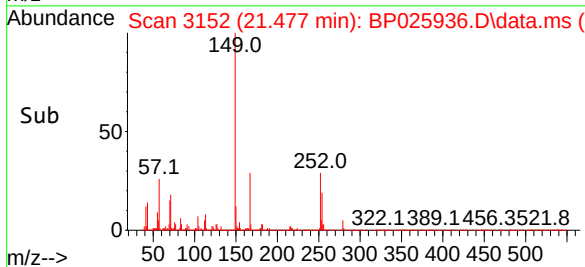
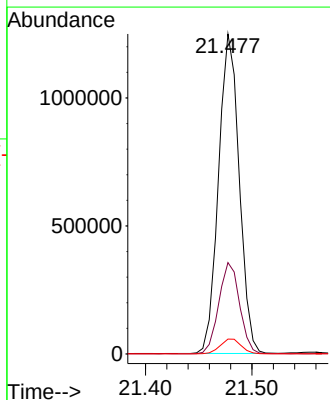
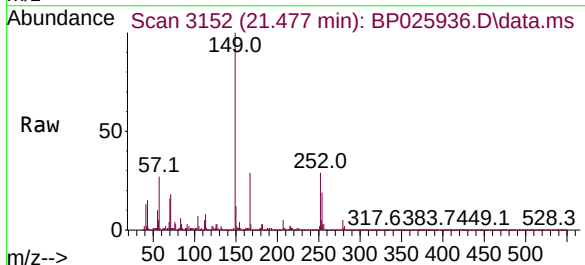
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

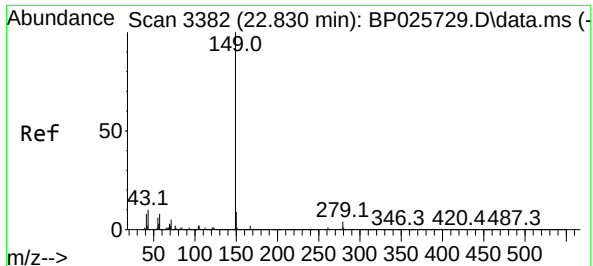
Tgt Ion:228 Resp: 2508791
Ion Ratio Lower Upper
228 100
226 29.1 23.8 35.6
229 19.5 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.773 ng
RT: 21.477 min Scan# 3152
Delta R.T. -0.071 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:149 Resp: 1687086
Ion Ratio Lower Upper
149 100
167 28.5 22.9 34.3
279 4.6 3.8 5.8

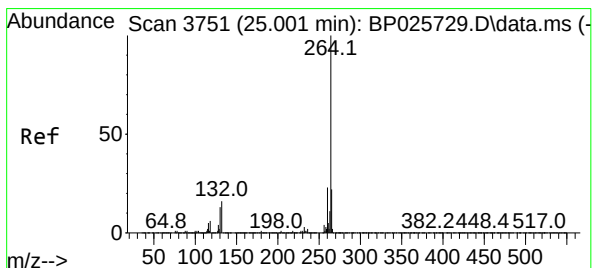
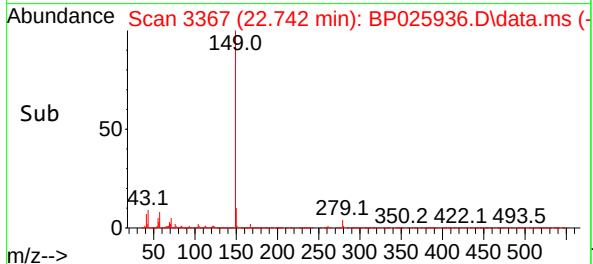
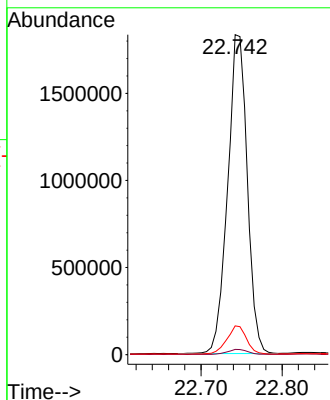
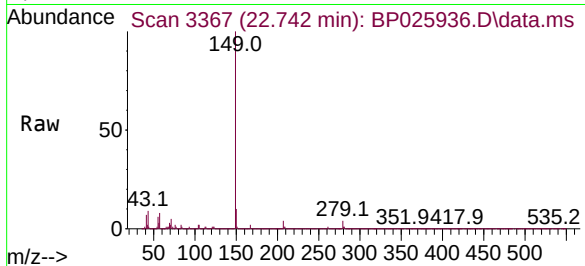




#85
Di-n-octyl phthalate
Concen: 47.863 ng
RT: 22.742 min Scan# 3382
Delta R.T. -0.088 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

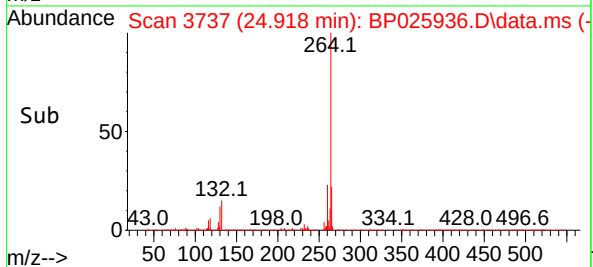
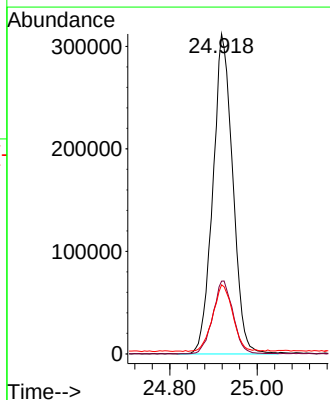
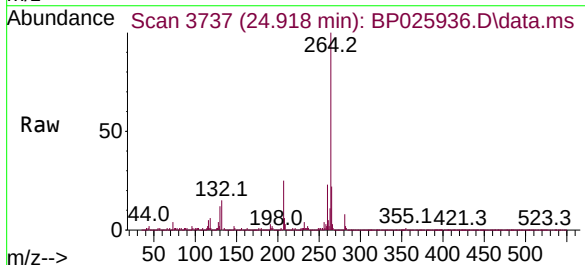
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

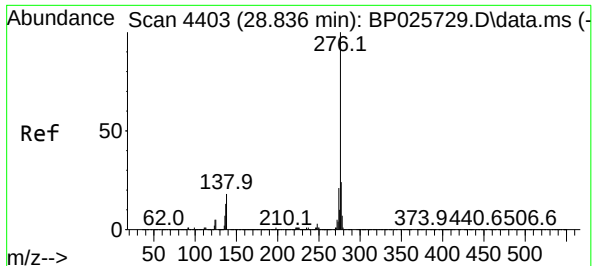
Tgt Ion:149 Resp: 3070894
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.8 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3737
Delta R.T. -0.082 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:264 Resp: 987151
Ion Ratio Lower Upper
264 100
260 22.7 18.3 27.5
265 21.6 17.3 25.9

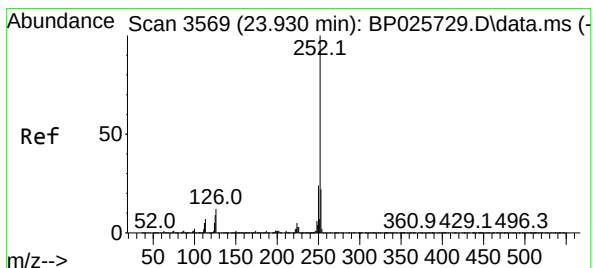
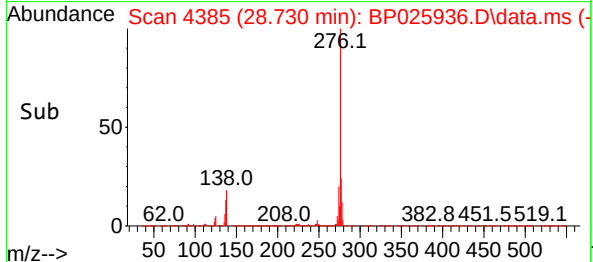
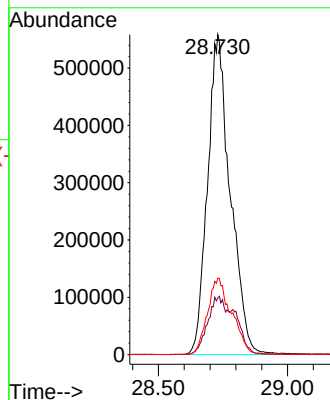
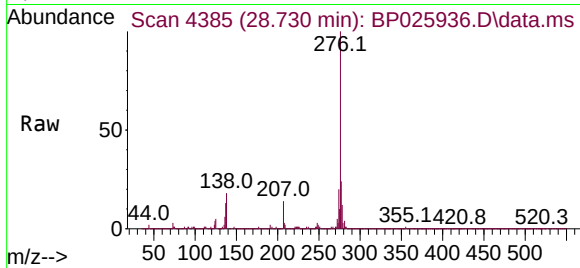




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.584 ng
 RT: 28.730 min Scan# 4385
 Delta R.T. -0.106 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

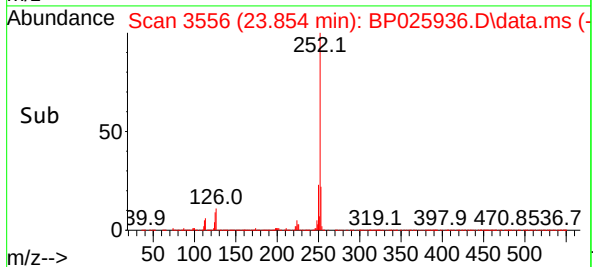
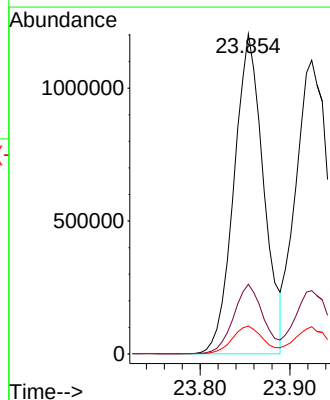
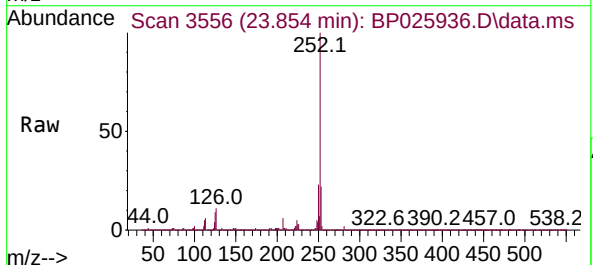
Instrument :
 BNA_P
 ClientSampleId :
 72-11966MSD

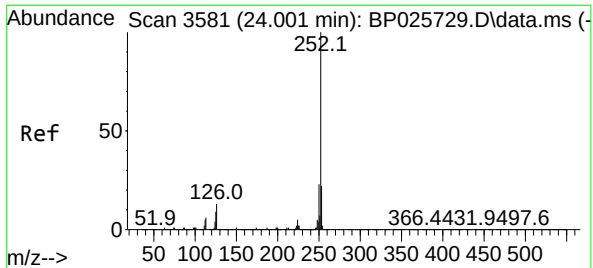
Tgt Ion:276 Resp: 3415944
 Ion Ratio Lower Upper
 276 100
 138 15.5 13.4 20.2
 277 25.2 9.1 13.7#



#88
 Benzo(b)fluoranthene
 Concen: 45.768 ng
 RT: 23.854 min Scan# 3556
 Delta R.T. -0.076 min
 Lab File: BP025936.D
 Acq: 06 Oct 2025 23:51

Tgt Ion:252 Resp: 2762862
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.9 26.9
 125 8.7 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 45.169 ng

RT: 23.924 min Scan# 31

Delta R.T. -0.076 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

Instrument :

BNA_P

ClientSampleId :

72-11966MSD

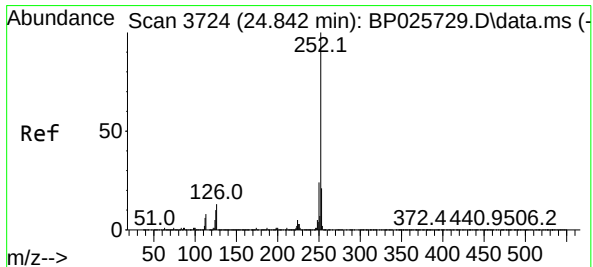
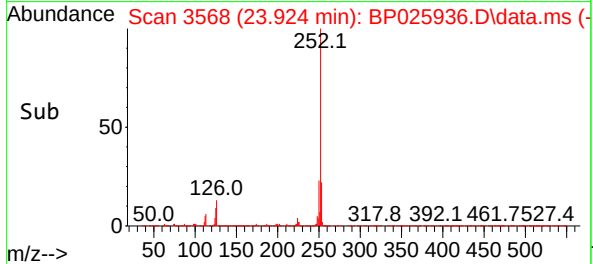
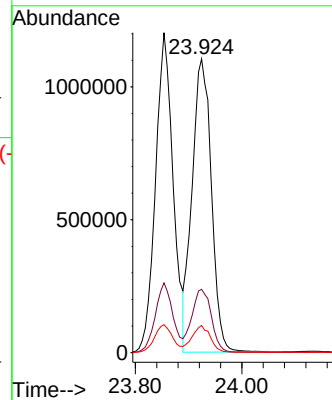
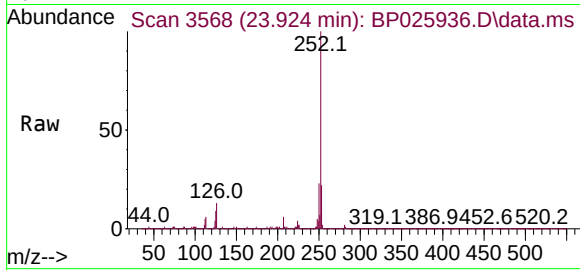
Tgt Ion:252 Resp: 2782424

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.2 7.5 11.3



#90

Benzo(a)pyrene

Concen: 45.615 ng

RT: 24.760 min Scan# 3710

Delta R.T. -0.082 min

Lab File: BP025936.D

Acq: 06 Oct 2025 23:51

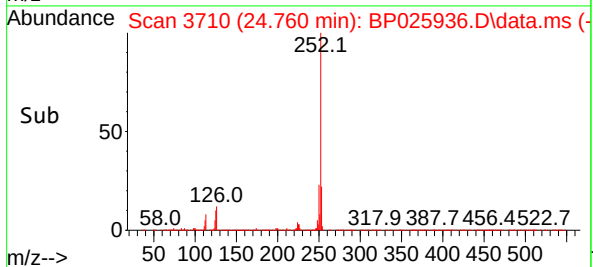
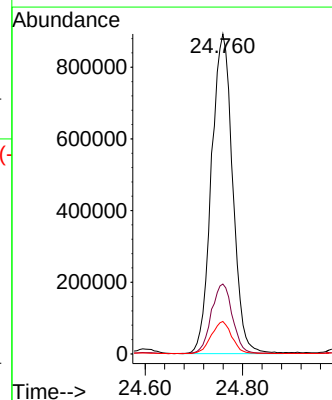
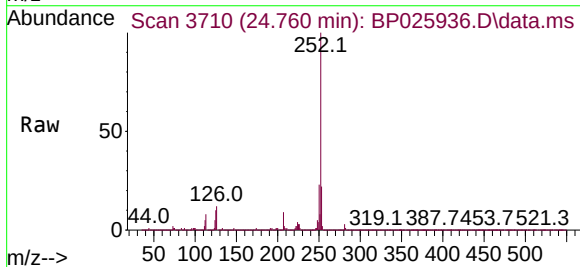
Tgt Ion:252 Resp: 2696595

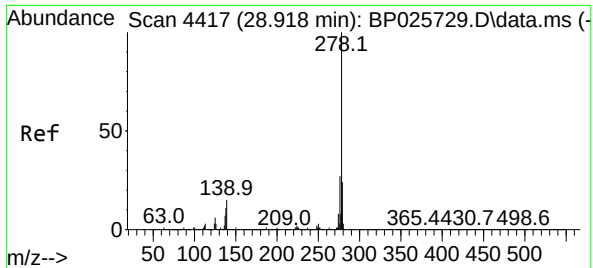
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 10.1 8.3 12.5

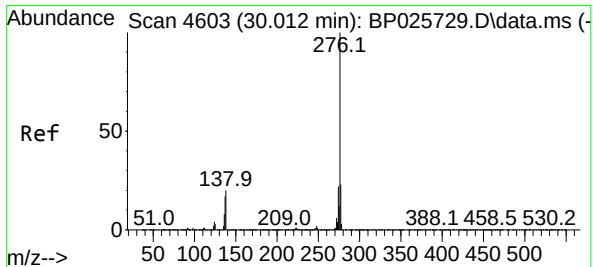
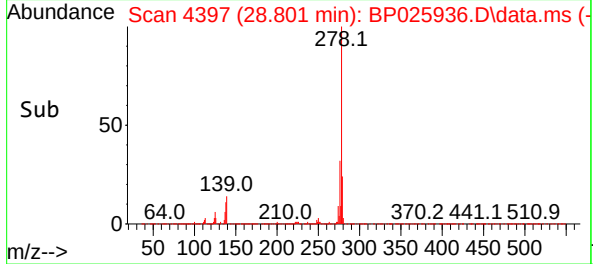
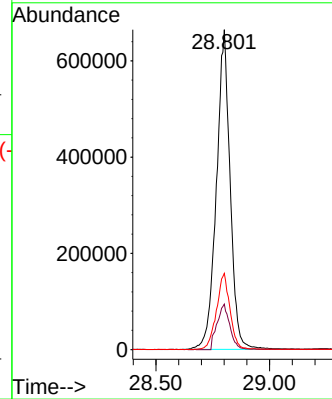
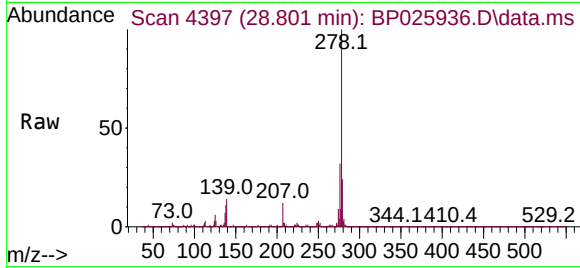




#91
Dibenzo(a,h)anthracene
Concen: 47.499 ng
RT: 28.801 min Scan# 431
Delta R.T. -0.118 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

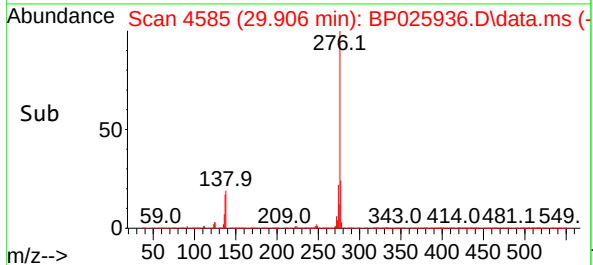
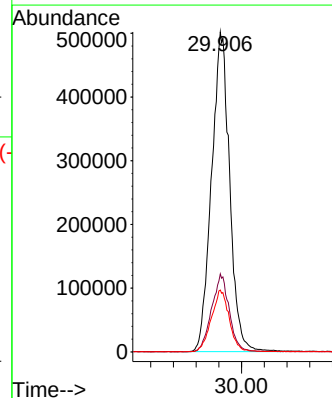
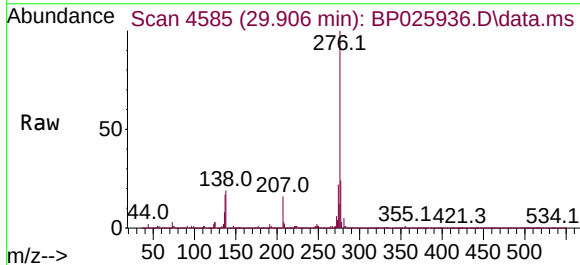
Instrument :
BNA_P
ClientSampleId :
72-11966MSD

Tgt Ion:278 Resp: 2790347
Ion Ratio Lower Upper
278 100
139 14.2 12.1 18.1
279 23.8 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 47.989 ng
RT: 29.906 min Scan# 4585
Delta R.T. -0.106 min
Lab File: BP025936.D
Acq: 06 Oct 2025 23:51

Tgt Ion:276 Resp: 2772460
Ion Ratio Lower Upper
276 100
277 24.4 18.7 28.1
138 19.3 16.0 24.0



Manual Integration Report

Sequence:

BF092325

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC020	BF143794.D	Phenol	Rahul	9/24/2025 8:52:43 AM	Jagrut	9/24/2025 9:38:18 AM	Peak Integrated by Software
SSTDICCC040	BF143795.D	Phenol	Rahul	9/24/2025 8:52:46 AM	Jagrut	9/24/2025 9:38:20 AM	Peak Integrated by Software
SSTDICC050	BF143796.D	Phenol	Rahul	9/24/2025 8:52:48 AM	Jagrut	9/24/2025 9:38:23 AM	Peak Integrated by Software
SSTDICC060	BF143797.D	Phenol	Rahul	9/24/2025 8:52:51 AM	Jagrut	9/24/2025 9:38:25 AM	Peak Integrated by Software
SSTDICC080	BF143798.D	Phenol	Rahul	9/24/2025 8:52:54 AM	Jagrut	9/24/2025 9:38:28 AM	Peak Integrated by Software
SSTDICV040	BF143799.D	Phenol	Rahul	9/24/2025 8:52:56 AM	Jagrut	9/24/2025 9:38:31 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BF100225

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

BF100625

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF143876.D	Phenol	rahul	10/7/2025 9:06:31 AM	Jagrut	10/7/2025 11:32:03 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Benzoic acid	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC010	BF143877.D	Phenol	rahul	10/7/2025 9:06:33 AM	Jagrut	10/7/2025 11:32:06 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Benzoic acid	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICC020	BF143878.D	Phenol	rahul	10/7/2025 9:06:36 AM	Jagrut	10/7/2025 11:32:08 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Benzoic acid	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICCC040	BF143879.D	Phenol	rahul	10/7/2025 9:06:41 AM	Jagrut	10/7/2025 11:32:10 AM	Peak Integrated by Software
SSTDICC080	BF143882.D	Benzoic acid	rahul	10/7/2025 9:06:44 AM	Jagrut	10/7/2025 11:32:12 AM	Peak Integrated by Software
SSTDICV040	BF143883.D	Phenol	rahul	10/7/2025 9:06:46 AM	Jagrut	10/7/2025 11:32:15 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BF100825

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169953BS	BF143891.D	Caprolactam	rahul	10/9/2025 9:24:52 AM	Jagrut	10/9/2025 10:54:52 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC2.5	BP025725.D	n-Nitroso-di-n-propylamine	Rahul	9/12/2025 10:21:39 AM	Jagrut	9/12/2025 11:46:19 AM	Peak Integrated by Software
SSTDICC005	BP025726.D	4-Nitroaniline	Rahul	9/12/2025 10:21:42 AM	Jagrut	9/12/2025 11:46:21 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzaldehyde	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzoic acid	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Caprolactam	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC020	BP025728.D	Benzaldehyde	Rahul	9/12/2025 10:21:48 AM	Jagrut	9/12/2025 11:46:26 AM	Peak Integrated by Software
SSTDICCC040	BP025729.D	Benzaldehyde	Rahul	9/12/2025 10:21:51 AM	Jagrut	9/12/2025 11:46:29 AM	Peak Integrated by Software
SSTDICC050	BP025733.D	Benzaldehyde	Rahul	9/12/2025 10:21:53 AM	Jagrut	9/12/2025 11:49:15 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzaldehyde	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benidine	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzaldehyde	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzo(g,h,i)perylene	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software



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Manual Integration Report

Sequence:

BP091225

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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Manual Integration Report

Sequence:

BP100625

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QCBatch ID # BF092325

Review By	Rahul	Review On	9/24/2025 8:53:16 AM
Supervise By	Jagrut	Supervise On	9/24/2025 9:38:53 AM
SubDirectory	BF092325	HP Acquire Method	BNA_F
		HP Processing Method	bf092325
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13175,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143790.D	23 Sep 2025 09:31	RC/JU	Ok
2	SSTDICC2.5	BF143791.D	23 Sep 2025 10:28	RC/JU	Ok
3	SSTDICC005	BF143792.D	23 Sep 2025 10:58	RC/JU	Ok
4	SSTDICC010	BF143793.D	23 Sep 2025 11:57	RC/JU	Ok
5	SSTDICC020	BF143794.D	23 Sep 2025 12:27	RC/JU	Ok,M
6	SSTDICCC040	BF143795.D	23 Sep 2025 13:59	RC/JU	Ok,M
7	SSTDICC050	BF143796.D	23 Sep 2025 14:28	RC/JU	Ok,M
8	SSTDICC060	BF143797.D	23 Sep 2025 14:58	RC/JU	Ok,M
9	SSTDICC080	BF143798.D	23 Sep 2025 15:27	RC/JU	Ok,M
10	SSTDICV040	BF143799.D	23 Sep 2025 17:42	RC/JU	Ok,M
11	PB169751BL	BF143800.D	23 Sep 2025 18:11	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF100225

Review By	Rahul	Review On	10/3/2025 8:37:12 AM
Supervise By	Jagrut	Supervise On	10/3/2025 3:27:07 PM
SubDirectory	BF100225	HP Acquire Method	BNA_F
		HP Processing Method	bf092325
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13176,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143852.D	02 Oct 2025 12:38	RC/JU	Ok
2	SSTDCCC040	BF143853.D	02 Oct 2025 13:36	RC/JU	Ok
3	PB169953BL	BF143854.D	02 Oct 2025 14:42	RC/JU	Not Ok
4	PB169953BS	BF143855.D	02 Oct 2025 15:11	RC/JU	Not Ok
5	PB169956BL	BF143856.D	02 Oct 2025 15:40	RC/JU	Ok
6	PB169956BS	BF143857.D	02 Oct 2025 16:09	RC/JU	Ok
7	Q3256-04	BF143858.D	02 Oct 2025 16:43	RC/JU	Ok
8	Q3256-04MS	BF143859.D	02 Oct 2025 17:12	RC/JU	Ok,M
9	Q3256-04MSD	BF143860.D	02 Oct 2025 17:41	RC/JU	Ok,M
10	Q3256-08	BF143861.D	02 Oct 2025 18:10	RC/JU	Ok
11	Q3262-01	BF143862.D	02 Oct 2025 18:39	RC/JU	Ok
12	Q3266-01	BF143863.D	02 Oct 2025 19:09	RC/JU	Ok
13	Q3266-01MS	BF143864.D	02 Oct 2025 19:38	RC/JU	Ok
14	Q3266-01MSD	BF143865.D	02 Oct 2025 20:07	RC/JU	Ok
15	Q3266-02	BF143866.D	02 Oct 2025 20:36	RC/JU	ReRun
16	Q3262-02	BF143867.D	02 Oct 2025 21:06	RC/JU	Ok,M
17	Q3256-01DL	BF143868.D	02 Oct 2025 21:35	RC/JU	Ok,M
18	Q3256-05DL	BF143869.D	02 Oct 2025 22:03	RC/JU	Ok,M
19	Q3262-05	BF143870.D	02 Oct 2025 22:32	RC/JU	Ok
20	Q3262-08	BF143871.D	02 Oct 2025 23:01	RC/JU	Ok
21	Q3249-01	BF143872.D	02 Oct 2025 23:30	RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF100225

Review By	Rahul	Review On	10/3/2025 8:37:12 AM		
Supervise By	Jagrut	Supervise On	10/3/2025 3:27:07 PM		
SubDirectory	BF100225	HP Acquire Method	BNA_F	HP Processing Method	bf092325
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13176,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q3249-12	BF143873.D	02 Oct 2025 23:59	RC/JU	Ok,M
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M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM
SubDirectory	BF100625	HP Acquire Method	BNA_F
		HP Processing Method	bf100625
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13177,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143874.D	06 Oct 2025 09:30	RC/JU	Ok
2	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59	RC/JU	Ok
3	SSTDICC005	BF143876.D	06 Oct 2025 10:28	RC/JU	Ok,M
4	SSTDICC010	BF143877.D	06 Oct 2025 10:57	RC/JU	Ok,M
5	SSTDICC020	BF143878.D	06 Oct 2025 11:56	RC/JU	Ok,M
6	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	RC/JU	Ok,M
7	SSTDICC050	BF143880.D	06 Oct 2025 13:23	RC/JU	Ok
8	SSTDICC060	BF143881.D	06 Oct 2025 13:53	RC/JU	Ok
9	SSTDICC080	BF143882.D	06 Oct 2025 14:22	RC/JU	Ok,M
10	SSTDICV040	BF143883.D	06 Oct 2025 16:08	RC/JU	Ok,M
11	PB169953BL	BF143884.D	06 Oct 2025 16:38	RC/JU	Not Ok
12	PB169953BS	BF143885.D	06 Oct 2025 17:07	RC/JU	Not Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF100825

Review By	Rahul	Review On	10/8/2025 3:07:35 PM
Supervise By	Jagrut	Supervise On	10/9/2025 10:58:10 AM
SubDirectory	BF100825	HP Acquire Method	BNA_F
		HP Processing Method	bf100625
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13177,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF143886.D	08 Oct 2025 09:29	RC/JU	Ok
2	SSTDCCC040	BF143887.D	08 Oct 2025 10:13	RC/JU	Ok
3	PB170004BL	BF143888.D	08 Oct 2025 10:42	RC/JU	Ok
4	PB170004BS	BF143889.D	08 Oct 2025 11:11	RC/JU	Ok,M
5	PB169953BL	BF143890.D	08 Oct 2025 12:20	RC/JU	Ok
6	PB169953BS	BF143891.D	08 Oct 2025 12:49	RC/JU	Ok,M
7	PB170020BL	BF143892.D	08 Oct 2025 13:40	RC/JU	Ok
8	PB170020BS	BF143893.D	08 Oct 2025 14:09	RC/JU	Ok,M
9	Q3289-03DL	BF143894.D	08 Oct 2025 14:41	RC/JU	Ok,M
10	Q3303-03	BF143895.D	08 Oct 2025 15:11	RC/JU	Ok,M
11	Q3303-01	BF143896.D	08 Oct 2025 15:40	RC/JU	Ok
12	Q3303-01MS	BF143897.D	08 Oct 2025 16:09	RC/JU	Ok,M
13	Q3303-01MSD	BF143898.D	08 Oct 2025 16:38	RC/JU	Ok,M
14	Q3266-02	BF143899.D	08 Oct 2025 17:07	RC/JU	Ok
15	Q3302-01	BF143900.D	08 Oct 2025 17:37	RC/JU	Not Ok
16	Q3304-01	BF143901.D	08 Oct 2025 18:06	RC/JU	Ok,M
17	Q3309-13	BF143902.D	08 Oct 2025 18:35	RC/JU	Ok,M
18	Q3305-01	BF143903.D	08 Oct 2025 19:04	RC/JU	Ok
19	Q3304-03	BF143904.D	08 Oct 2025 19:34	RC/JU	Ok,M
20	Q3307-19	BF143905.D	08 Oct 2025 20:03	RC/JU	Ok,M
21	Q3307-16	BF143906.D	08 Oct 2025 20:32	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM
SubDirectory	BP091225	HP Acquire Method	BNA_P
		HP Processing Method	BP091225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025724.D	11 Sep 2025 08:09	CG/JU	Ok
2	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56	CG/JU	Ok,M
3	SSTDICC005	BP025726.D	11 Sep 2025 09:37	CG/JU	Ok,M
4	SSTDICC010	BP025727.D	11 Sep 2025 10:18	CG/JU	Ok,M
5	SSTDICC020	BP025728.D	11 Sep 2025 10:59	CG/JU	Ok,M
6	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	CG/JU	Ok,M
7	SSTDICC050	BP025730.D	11 Sep 2025 13:02	CG/JU	Not Ok
8	SSTDICC060	BP025731.D	11 Sep 2025 13:43	CG/JU	Ok
9	SSTDICC080	BP025732.D	11 Sep 2025 14:24	CG/JU	Ok
10	SSTDICC050	BP025733.D	11 Sep 2025 15:20	CG/JU	Ok,M
11	SSTDICV040	BP025734.D	11 Sep 2025 16:54	CG/JU	Ok,M
12	PB169633BL	BP025735.D	11 Sep 2025 17:35	CG/JU	Ok
13	DFTPP	BP025736.D	12 Sep 2025 09:03	CG/JU	Ok
14	SSTDCCC040	BP025737.D	12 Sep 2025 10:24	CG/JU	Ok
15	PB169490BL	BP025738.D	12 Sep 2025 11:05	CG/JU	Ok
16	Q2893-02	BP025739.D	12 Sep 2025 11:46	CG/JU	Ok,M
17	Q2893-08	BP025740.D	12 Sep 2025 12:27	CG/JU	Ok,M
18	Q2893-01	BP025741.D	12 Sep 2025 13:08	CG/JU	Ok,M
19	Q2893-07	BP025742.D	12 Sep 2025 13:49	CG/JU	Ok,M
20	PB169499BL	BP025743.D	12 Sep 2025 14:30	CG/JU	Ok
21	SSTDCCC040	BP025744.D	12 Sep 2025 15:35	CG/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP100625

Review By	Rahul	Review On	10/6/2025 4:18:53 PM
Supervise By	Jagrut	Supervise On	10/7/2025 11:02:22 AM
SubDirectory	BP100625	HP Acquire Method	BNA_P
		HP Processing Method	BP091225
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13177,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025923.D	06 Oct 2025 14:12	CG/JU	Ok
2	SSTDCCC040	BP025924.D	06 Oct 2025 15:34	CG/JU	Ok
3	PB169989BL	BP025925.D	06 Oct 2025 16:15	CG/JU	Ok
4	PB169989BS	BP025926.D	06 Oct 2025 16:57	CG/JU	Ok
5	Q3269-03	BP025927.D	06 Oct 2025 17:42	CG/JU	Ok
6	Q3269-03MS	BP025928.D	06 Oct 2025 18:23	CG/JU	Ok
7	Q3269-03MSD	BP025929.D	06 Oct 2025 19:04	CG/JU	Ok,M
8	Q3269-06	BP025930.D	06 Oct 2025 19:45	CG/JU	Ok
9	Q3289-02	BP025931.D	06 Oct 2025 20:26	CG/JU	Ok
10	Q3289-04	BP025932.D	06 Oct 2025 21:07	CG/JU	Ok
11	Q3289-01	BP025933.D	06 Oct 2025 21:48	CG/JU	Ok
12	Q3289-05	BP025934.D	06 Oct 2025 22:29	CG/JU	Ok
13	Q3289-05MS	BP025935.D	06 Oct 2025 23:10	CG/JU	Ok
14	Q3289-05MSD	BP025936.D	06 Oct 2025 23:51	CG/JU	Ok
15	Q3288-01	BP025937.D	07 Oct 2025 00:32	CG/JU	Ok,M
16	Q3290-01	BP025938.D	07 Oct 2025 01:13	CG/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF092325

Review By	Rahul	Review On	9/24/2025 8:53:16 AM
Supervise By	Jagrut	Supervise On	9/24/2025 9:38:53 AM
SubDirectory	BF092325	HP Acquire Method	BNA_F
		HP Processing Method	bf092325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143790.D	23 Sep 2025 09:31		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143791.D	23 Sep 2025 10:28		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143792.D	23 Sep 2025 10:58		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF143793.D	23 Sep 2025 11:57		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF143794.D	23 Sep 2025 12:27		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143795.D	23 Sep 2025 13:59	Compound #26,57 kept on LR & #54,65 kept on QR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143796.D	23 Sep 2025 14:28		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BF143797.D	23 Sep 2025 14:58		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BF143798.D	23 Sep 2025 15:27		RC/JU	Ok,M
10	SSTDICV040	ICVBF092325	BF143799.D	23 Sep 2025 17:42		RC/JU	Ok,M
11	PB169751BL	PB169751BL	BF143800.D	23 Sep 2025 18:11		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF100225

Review By	Rahul	Review On	10/3/2025 8:37:12 AM
Supervise By	Jagrut	Supervise On	10/3/2025 3:27:07 PM
SubDirectory	BF100225	HP Acquire Method	BNA_F
		HP Processing Method	bf092325

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13176,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143852.D	02 Oct 2025 12:38		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143853.D	02 Oct 2025 13:36		RC/JU	Ok
3	PB169953BL	PB169953BL	BF143854.D	02 Oct 2025 14:42	Surrogate Fail	RC/JU	Not Ok
4	PB169953BS	PB169953BS	BF143855.D	02 Oct 2025 15:11	Surrogate Fail	RC/JU	Not Ok
5	PB169956BL	PB169956BL	BF143856.D	02 Oct 2025 15:40		RC/JU	Ok
6	PB169956BS	PB169956BS	BF143857.D	02 Oct 2025 16:09		RC/JU	Ok
7	Q3256-04	SOIL-PILE-1-WC	BF143858.D	02 Oct 2025 16:43		RC/JU	Ok
8	Q3256-04MS	SOIL-PILE-1-WCMS	BF143859.D	02 Oct 2025 17:12		RC/JU	Ok,M
9	Q3256-04MSD	SOIL-PILE-1-WCMSD	BF143860.D	02 Oct 2025 17:41		RC/JU	Ok,M
10	Q3256-08	SOIL-PILE-2-WC	BF143861.D	02 Oct 2025 18:10		RC/JU	Ok
11	Q3262-01	PAD-100125	BF143862.D	02 Oct 2025 18:39		RC/JU	Ok
12	Q3266-01	ENV-3-6FT	BF143863.D	02 Oct 2025 19:09		RC/JU	Ok
13	Q3266-01MS	ENV-3-6FTMS	BF143864.D	02 Oct 2025 19:38		RC/JU	Ok
14	Q3266-01MSD	ENV-3-6FTMSD	BF143865.D	02 Oct 2025 20:07		RC/JU	Ok
15	Q3266-02	ENV-4-6FT	BF143866.D	02 Oct 2025 20:36	Surrogate fail.- Retraction.	RC/JU	ReRun
16	Q3262-02	MOO-25-0280	BF143867.D	02 Oct 2025 21:06		RC/JU	Ok,M
17	Q3256-01DL	SOIL-PILE-1-WCDL	BF143868.D	02 Oct 2025 21:35		RC/JU	Ok,M
18	Q3256-05DL	SOIL-PILE-2-WCDL	BF143869.D	02 Oct 2025 22:03		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF100225

Review By	Rahul	Review On	10/3/2025 8:37:12 AM		
Supervise By	Jagrut	Supervise On	10/3/2025 3:27:07 PM		
SubDirectory	BF100225	HP Acquire Method	BNA_F	HP Processing Method	bf092325
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13176,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

19	Q3262-05	MOO-25-0281-82	BF143870.D	02 Oct 2025 22:32		RC/JU	Ok
20	Q3262-08	279887	BF143871.D	02 Oct 2025 23:01		RC/JU	Ok
21	Q3249-01	S-3(0-0.5)R	BF143872.D	02 Oct 2025 23:30	Surrogate fail.	RC/JU	Ok,M
22	Q3249-12	S-12(0-0.5)R	BF143873.D	02 Oct 2025 23:59		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF100625

Review By	Rahul	Review On	10/6/2025 4:17:39 PM
Supervise By	Jagrut	Supervise On	10/7/2025 11:32:28 AM
SubDirectory	BF100625	HP Acquire Method	BNA_F
		HP Processing Method	bf100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143874.D	06 Oct 2025 09:30		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF143875.D	06 Oct 2025 09:59		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF143876.D	06 Oct 2025 10:28		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF143877.D	06 Oct 2025 10:57		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BF143878.D	06 Oct 2025 11:56		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BF143879.D	06 Oct 2025 12:54	compound #54 kept on LR	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BF143880.D	06 Oct 2025 13:23		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF143881.D	06 Oct 2025 13:53		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF143882.D	06 Oct 2025 14:22	Compound #45 & #77 removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBF100625	BF143883.D	06 Oct 2025 16:08		RC/JU	Ok,M
11	PB169953BL	PB169953BL	BF143884.D	06 Oct 2025 16:38	Surrogate Fail	RC/JU	Not Ok
12	PB169953BS	PB169953BS	BF143885.D	06 Oct 2025 17:07	Surrogate Fail	RC/JU	Not Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF100825

Review By	Rahul	Review On	10/8/2025 3:07:35 PM
Supervise By	Jagrut	Supervise On	10/9/2025 10:58:10 AM
SubDirectory	BF100825	HP Acquire Method	BNA_F
		HP Processing Method	bf100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF143886.D	08 Oct 2025 09:29		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF143887.D	08 Oct 2025 10:13		RC/JU	Ok
3	PB170004BL	PB170004BL	BF143888.D	08 Oct 2025 10:42		RC/JU	Ok
4	PB170004BS	PB170004BS	BF143889.D	08 Oct 2025 11:11		RC/JU	Ok,M
5	PB169953BL	PB169953BL	BF143890.D	08 Oct 2025 12:20		RC/JU	Ok
6	PB169953BS	PB169953BS	BF143891.D	08 Oct 2025 12:49		RC/JU	Ok,M
7	PB170020BL	PB170020BL	BF143892.D	08 Oct 2025 13:40		RC/JU	Ok
8	PB170020BS	PB170020BS	BF143893.D	08 Oct 2025 14:09		RC/JU	Ok,M
9	Q3289-03DL	VNJ-261DL	BF143894.D	08 Oct 2025 14:41		RC/JU	Ok,M
10	Q3303-03	HL-EAST	BF143895.D	08 Oct 2025 15:11		RC/JU	Ok,M
11	Q3303-01	HL-WEST	BF143896.D	08 Oct 2025 15:40		RC/JU	Ok
12	Q3303-01MS	HL-WESTMS	BF143897.D	08 Oct 2025 16:09		RC/JU	Ok,M
13	Q3303-01MSD	HL-WESTMSD	BF143898.D	08 Oct 2025 16:38		RC/JU	Ok,M
14	Q3266-02	ENV-4-6FT	BF143899.D	08 Oct 2025 17:07		RC/JU	Ok
15	Q3302-01	OR-658-COMP-01	BF143900.D	08 Oct 2025 17:37	Need Straight Run	RC/JU	Not Ok
16	Q3304-01	TR-04-100725	BF143901.D	08 Oct 2025 18:06		RC/JU	Ok,M
17	Q3309-13	S-44(0-0.5)	BF143902.D	08 Oct 2025 18:35		RC/JU	Ok,M
18	Q3305-01	AU-06-100725	BF143903.D	08 Oct 2025 19:04		RC/JU	Ok

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF100825

Review By	Rahul	Review On	10/8/2025 3:07:35 PM		
Supervise By	Jagrut	Supervise On	10/9/2025 10:58:10 AM		
SubDirectory	BF100825	HP Acquire Method	BNA_F	HP Processing Method	bf100625

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3304-03	TR-05-100725	BF143904.D	08 Oct 2025 19:34		RC/JU	Ok,M
20	Q3307-19	S-33(0-0.5)	BF143905.D	08 Oct 2025 20:03		RC/JU	Ok,M
21	Q3307-16	S-35(0-0.5)	BF143906.D	08 Oct 2025 20:32		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM
SubDirectory	BP091225	HP Acquire Method	BNA_P
		HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025724.D	11 Sep 2025 08:09		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56		CG/JU	Ok,M
3	SSTDICC005	SSTDICC005	BP025726.D	11 Sep 2025 09:37		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025727.D	11 Sep 2025 10:18		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025728.D	11 Sep 2025 10:59		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	Compound#54 & 56 are Kept on LR	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025730.D	11 Sep 2025 13:02	Not Used	CG/JU	Not Ok
8	SSTDICC060	SSTDICC060	BP025731.D	11 Sep 2025 13:43		CG/JU	Ok
9	SSTDICC080	SSTDICC080	BP025732.D	11 Sep 2025 14:24		CG/JU	Ok
10	SSTDICC050	SSTDICC050	BP025733.D	11 Sep 2025 15:20		CG/JU	Ok,M
11	SSTDICV040	ICVBP091225	BP025734.D	11 Sep 2025 16:54		CG/JU	Ok,M
12	PB169633BL	PB169633BL	BP025735.D	11 Sep 2025 17:35		CG/JU	Ok
13	DFTPP	DFTPP	BP025736.D	12 Sep 2025 09:03		CG/JU	Ok
14	SSTDCCC040	SSTDCCC040	BP025737.D	12 Sep 2025 10:24		CG/JU	Ok
15	PB169490BL	PB169490BL	BP025738.D	12 Sep 2025 11:05		CG/JU	Ok
16	Q2893-02	LOQ-SOIL-02-QT3-202	BP025739.D	12 Sep 2025 11:46	LOQ-SOIL-10PPM	CG/JU	Ok,M
17	Q2893-08	LOQ-WATER-02-QT3-2	BP025740.D	12 Sep 2025 12:27	LOQ-WATER-10 PPM	CG/JU	Ok,M

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840				
CCC	SP6836				
Internal Standard/PEM	S13174,10ul/1000ul sample				
ICV/I.BLK	SP6796				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q2893-01	LOD-MDL-SOIL-01-QT	BP025741.D	12 Sep 2025 13:08	LOD-MDL-SOIL-8PPM	CG/JU	Ok,M
19	Q2893-07	LOD-MDL-WATER-01-QT	BP025742.D	12 Sep 2025 13:49	LOD-MDL-WATER-8PPM	CG/JU	Ok,M
20	PB169499BL	PB169499BL	BP025743.D	12 Sep 2025 14:30		CG/JU	Ok
21	SSTDCCC040	SSTDCCC040EC	BP025744.D	12 Sep 2025 15:35		CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP100625

Review By	Rahul	Review On	10/6/2025 4:18:53 PM
Supervise By	Jagrut	Supervise On	10/7/2025 11:02:22 AM
SubDirectory	BP100625	HP Acquire Method	BNA_P
		HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025923.D	06 Oct 2025 14:12		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025924.D	06 Oct 2025 15:34		CG/JU	Ok
3	PB169989BL	PB169989BL	BP025925.D	06 Oct 2025 16:15		CG/JU	Ok
4	PB169989BS	PB169989BS	BP025926.D	06 Oct 2025 16:57		CG/JU	Ok
5	Q3269-03	EG1-TP1	BP025927.D	06 Oct 2025 17:42		CG/JU	Ok
6	Q3269-03MS	EG1-TP1MS	BP025928.D	06 Oct 2025 18:23		CG/JU	Ok
7	Q3269-03MSD	EG1-TP1MSD	BP025929.D	06 Oct 2025 19:04		CG/JU	Ok,M
8	Q3269-06	EG1-TP2	BP025930.D	06 Oct 2025 19:45		CG/JU	Ok
9	Q3289-02	VNJ-240	BP025931.D	06 Oct 2025 20:26		CG/JU	Ok
10	Q3289-04	VNJ-261	BP025932.D	06 Oct 2025 21:07		CG/JU	Ok
11	Q3289-01	VNJ-240	BP025933.D	06 Oct 2025 21:48		CG/JU	Ok
12	Q3289-05	72-11966	BP025934.D	06 Oct 2025 22:29		CG/JU	Ok
13	Q3289-05MS	72-11966MS	BP025935.D	06 Oct 2025 23:10		CG/JU	Ok
14	Q3289-05MSD	72-11966MSD	BP025936.D	06 Oct 2025 23:51		CG/JU	Ok
15	Q3288-01	TR-01-100325	BP025937.D	07 Oct 2025 00:32		CG/JU	Ok,M
16	Q3290-01	CL-02-100325	BP025938.D	07 Oct 2025 01:13		CG/JU	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137380

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q3257-01	ENV1-6FT	1	1.14	10.57	11.71	10.05	84.3	
Q3257-02	ENV2-6FT	2	1.15	10.55	11.7	10.09	84.7	
Q3262-01	PAD-100125	3	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3262-02	MOO-25-0280	4	1.15	10.87	12.02	6.94	53.3	
Q3262-04	MOO-25-0282	5	1.19	11.25	12.44	7.9	59.6	
Q3262-05	MOO-25-0281-82	6	1.16	11.03	12.19	8.19	63.7	
Q3262-07	279887	7	1.18	10.18	11.36	10.00	86.6	
Q3262-08	279887	8	1.12	10.85	11.97	10.6	87.4	
Q3264-01	L23A	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-02	L23B	10	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-03	L24A	11	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-04	L24B	12	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-05	L25A	13	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-06	L25B	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-07	L26A	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-08	L26B	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-09	L27A	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-10	L27B	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-11	L28A	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-12	L29A	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-13	L30A	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-14	L31A	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-15	L32A	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-16	L33A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-17	L33B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-18	L34A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-19	L34B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-20	245F55-1-1	28	1.00	1.00	2.00	2.00	100.0	PILC



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 10/2/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/02/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137380

Lab ID	Client SampleID	Dish #	Dish Wt (g) (A)	Sample Wt (g)	Dish + Sample Wt (g) (B)	Dish+Dry Sample Wt (g) (C)	% Solid	Comments
Q3264-21	245F55-1-2	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-22	245F46-1-1	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-23	245F46-1-2	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-24	245F46-2-1	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3264-25	245F46-2-2	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-01	BC279304-LOZ-END-1-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3265-02	BC279304-LOZ-END-1-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3266-01	ENV-3-6FT	36	1.15	11.10	12.25	10.06	80.3	
Q3266-02	ENV-3-6FT	37	1.14	10.18	11.32	10.00	87.0	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137380

WorkList Name : %1-100125

WorkList ID : 192195

Department : Wet-Chemistry

Date : 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3257-01	ENV1-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/30/2025	Chemtech -SO
Q3257-02	ENV2-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	09/29/2025	Chemtech -SO
Q3262-01	PAD-100125	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-02	MOO-25-0280	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-04	MOO-25-0282	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-05	MOO-25-0281-82	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-07	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3262-08	279887	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-01	L23A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-02	L23B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-03	L24A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-04	L24B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-05	L25A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-06	L25B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-07	L26A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-08	L26B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-09	L27A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-10	L27B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-11	L28A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-12	L29A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-13	L30A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 10/01/25 17:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

17137380

WorkList Name : %1-100125 WorkList ID : 192195 Department : Wet-Chemistry Date : 10-01-2025 07:02:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3264-14	L31A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-15	L32A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-16	L33A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-17	L33B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-18	L34A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-19	L34B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-20	245F55-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-21	245F55-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-22	245F46-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-23	245F46-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-24	245F46-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3264-25	245F46-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-01	BC279304-LOZ-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3265-02	BC279304-LOZ-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/01/2025	Chemtech -SO
Q3266-01	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO
Q3266-02	ENV-3-6FT	Solid	Percent Solids	Cool 4 deg C	CAMP02	D31	10/01/2025	Chemtech -SO

Date/Time 10/01/25 15:15
 Raw Sample Received by: rso wcy
 Raw Sample Relinquished by: cfsr

Date/Time 10/01/25 17:30
 Raw Sample Received by: cfsr
 Raw Sample Relinquished by: rso wcy

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix: Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 10/02/2025

Extraction Start Time: 10:00

Extraction End Date: 10/02/2025

Extraction End Time: 13:45

Concentration By: EH

Supervisor By: ritesh

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	1.0ML	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2646
Methylene Chloride	N/A	E3973
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/02/25	RJ (EXT-1 lab)	R/SVOC
13:45	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/02/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169953BL	SBLK953	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1			U6-1
PB169953BS	SLCS953	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3249-01	S-3(0-0.5)R	SVOC-PAH	50.02	N/A	ritesh	Evelyn	1	A		3
Q3249-12	S-12(0-0.5)R	SVOC-PAH	50.07	N/A	ritesh	Evelyn	1	B		4
Q3262-01	PAD-100125	SVOC-PAH	50.06	N/A	ritesh	Evelyn	1	A	Concrete	5
Q3262-02	MOO-25-0280	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	D	Small Particles	6
Q3262-05	MOO-25-0281-82	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1	D	Small Particles	U1-1
Q3262-08	279887	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	D		2
Q3266-01	ENV-3-6FT	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1	F		3
Q3266-01MS	ENV-3-6FTMS	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	F		4
Q3266-01MS D	ENV-3-6FTMSD	SVOC-TCL BNA -20	30.01	N/A	ritesh	Evelyn	1	F		5
Q3266-02	ENV-3-6FT	SVOC-TCL BNA -20	30.04	N/A	ritesh	Evelyn	1	F		6

RS
10/02

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3266 WorkList ID : 192235 Department : Extraction Date : 10-02-2025 08:38:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3249-01	S-3(0-0.5)R	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	09/29/2025	8270E
Q3249-12	S-12(0-0.5)R	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	09/29/2025	8270E
Q3262-01	PAD-100125	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/01/2025	8270E
Q3262-02	MOO-25-0280	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/01/2025	8270E
Q3262-05	MOO-25-0281-82	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/01/2025	8270E
Q3262-08	279887	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/01/2025	8270E
Q3266-01	ENV-3-6FT	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	D31	10/01/2025	8270E
Q3266-02	ENV-3-6FT	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	D31	10/01/2025	8270E

Date/Time 10/02/25 9:55
 Raw Sample Received by: R3 (LTA-1246)
 Raw Sample Relinquished by: [Signature]

Date/Time 10/02/25 10:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: R3 (LTA-1246)

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Matrix : Solid

Welgh By: EH **Extraction By:** RJ

Balance check: EH **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Start Date : 10/06/2025

Extraction Start Time : 09:15

Extraction End Date : 10/06/2025

Extraction End Time : 12:30

Concentration By: EH

Supervisor By : ritesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	1.0ML	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2641
Baked Na2SO4	N/A	EP2646
Methylene Chloride	N/A	E3973
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5ML Vial Lot # 2210443.

KD Bath ID: N/A **Envap ID:** NEVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/06/25	RJ (LELT-lab)	RJSvoc
12:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/06/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169989BL	SBLK989	SVOC-TCL BNA -20	30.02	N/A	ritesh	Evelyn	1			U4-1
PB169989BS	SLCS989	SVOC-TCL BNA -20	30.03	N/A	ritesh	Evelyn	1			2
Q3266-02	ENV-4-6FT	SVOC-TCL BNA -20	30.05	N/A	ritesh	Evelyn	1	F		3
Q3288-01	TR-01-100325	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		4
Q3289-01	VNJ-240	SVOC-TCL BNA -20	50.03	N/A	ritesh	Evelyn	1	E		5
Q3289-03	VNJ-261	SVOC-TCL BNA -20	50.07	N/A	ritesh	Evelyn	1	E		6
Q3289-05	72-11966	SVOC-TCL BNA -20	50.02	N/A	ritesh	Evelyn	1	E		U6-1
Q3289-05MS	72-11966MS	SVOC-TCL BNA -20	50.05	N/A	ritesh	Evelyn	1	E		2
Q3289-05MS D	72-11966MSD	SVOC-TCL BNA -20	50.08	N/A	ritesh	Evelyn	1	E		3
Q3290-01	CL-02-100325	SVOC-TCL BNA -20	50.01	N/A	ritesh	Evelyn	1	D		4

RJ
10/06

* Extracts relinquished on the same date as received.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3288 WorkList ID : 192290 Department : Extraction Date : 10-06-2025 09:00:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3266-02	ENV-4-6FT	Solid	SVOC-TCL BNA -20	Cool 4 deg C	CAMP02	D31	10/01/2025	8270E
Q3288-01	TR-01-100325	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	10/03/2025	8270E
Q3289-01	VNJ-240	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/03/2025	8270E
Q3289-03	VNJ-261	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/03/2025	8270E
Q3289-05	72-11966	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/03/2025	8270E
Q3290-01	CL-02-100325	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	10/03/2025	8270E

Date/Time 10/06/25 9:10
Raw Sample Received by: RJ (674-124)
Raw Sample Relinquished by: _____

Date/Time 10/06/25 9:25
Raw Sample Received by: _____
Raw Sample Relinquished by: RJ (674-124)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave., #8, 6th floor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: Marcie Encinas
PHONE: 908-642-5565 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: NECOGOWTPFEAS-Geotech Inv
PROJECT NO.: 295110 LOCATION: Edison, NJ
PROJECT MANAGER: David Tanzi
e-mail: TANZIDJ@cdmsmith.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#: ADDRESS: 110 Fieldcrest Ave., #8, 6th floor
CITY Edison STATE: NJ ZIP: ATTENTION: Marcie Encinas PHONE: 908-642-5565

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☒ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT

1. TCL VOC+10
2. TCL SVOC+20
3. TAL Metal
4. Mercury
5. PCB
6. TCL Pesticide
7. Herbicide
8. FPH

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	ENV-3 / 6ft	Soil		X	10/1/25	7:50	4	X	X	X	X	X	X	X	X		
2.	ENV-4 / 6ft	Soil		X	10/1/25	11:00	4	X	X	X	X	X	X	X	X		
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. M.H. [Signature]	DATE/TIME: 10/1/25 1410	RECEIVED BY: 1. [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.7 °C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY: 2.	Comments:
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 10/1/25 1500	RECEIVED BY: 3.	

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CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3266 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 10/1/2025 3:15:00 PM
Project Name : MWCO CJO WTP Edison 2
Receive Date Time : 10/1/2025 3:00:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3266-01	ENV-3-6FT	Solid	10/01/2025	07:50					
					VOC-TCLVOA-10		8260D	10 Bus. Days	
Q3266-02	ENV-4-6FT	Solid	10/01/2025	11:00					
			10/01/2025		VOC-TCLVOA-10		8260D	10 Bus. Days	

Transfer

*Stored in 25A
Box # 02 and Extract
in 207 # 06*

Relinquished By :

Date / Time : 10/1/25 15:30

Received By :

Date / Time :

10-1-25 15:35

Storage Area : VOA Refrigerator Room