

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:	Q3399	OrderDate:	10/20/2025 1:23:08 PM
Client:	ICE Service Group, Inc.	Project:	NWIRP Northrup Grumman Site – Bethpage, NY
Contact:	Dennis D. Morgan, II	Location:	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3399-01	COMP-ROLLOFF	SOIL	SVOC-TCL BNA -20	8270E	10/20/25	10/22/25	10/22/25	10/20/25
Q3399-02	COMP-ROLLOFF	TCLP	TCLP BNA	8270E	10/20/25	10/22/25	10/22/25	10/20/25



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Hit Summary Sheet
SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : COMP-ROLLOFF								
Q3399-01	COMP-ROLLOFF	SOIL	Benzophenone	*	200.000	J 0	0	ug/Kg
Q3399-01	COMP-ROLLOFF	SOIL	n-Hexadecanoic acid	*	130.000	J 0	0	ug/Kg
Q3399-01	COMP-ROLLOFF	SOIL	Pentafluoropropionic acid, pentad	*	170.000	J 0	0	ug/Kg
Total Tics :					500.00			
Total Concentration:					500.00			



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3399

Client: ICE Service Group, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170206BL	PB170206BL	2-Fluorophenol	150	125	84		18	112
		Phenol-d6	150	129	86		15	107
		Nitrobenzene-d5	100	86.7	87		18	107
		2-Fluorobiphenyl	100	84.7	85		20	109
		2,4,6-Tribromophenol	150	152	102		10	116
		Terphenyl-d14	100	105	105		10	105
PB170206BS	PB170206BS	2-Fluorophenol	150	108	72		18	112
		Phenol-d6	150	112	75		15	107
		Nitrobenzene-d5	100	78.4	78		18	107
		2-Fluorobiphenyl	100	77.8	78		20	109
		2,4,6-Tribromophenol	150	121	81		10	116
		Terphenyl-d14	100	95.7	96		10	105
Q3399-01	COMP-ROLLOFF	2-Fluorophenol	150	93.5	62		18	112
		Phenol-d6	150	89.9	60		15	107
		Nitrobenzene-d5	100	67.4	67		18	107
		2-Fluorobiphenyl	100	70.9	71		20	109
		2,4,6-Tribromophenol	150	107	71		10	116
		Terphenyl-d14	100	48.6	49		10	105
Q3399-01MS	COMP-ROLLOFFMS	2-Fluorophenol	150	90.7	60		18	112
		Phenol-d6	150	85.1	57		15	107
		Nitrobenzene-d5	100	66.5	66		18	107
		2-Fluorobiphenyl	100	64.8	65		20	109
		2,4,6-Tribromophenol	150	104	69		10	116
		Terphenyl-d14	100	50.5	51		10	105
Q3399-01MSD	COMP-ROLLOFFMSD	2-Fluorophenol	150	95.5	64		18	112
		Phenol-d6	150	89.5	60		15	107
		Nitrobenzene-d5	100	68.4	68		18	107
		2-Fluorobiphenyl	100	67.5	68		20	109
		2,4,6-Tribromophenol	150	105	70		10	116
		Terphenyl-d14	100	53.4	53		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method: SW8270E

Client: ICE Service Group, Inc.

DataFile: BF144045.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3399-01MS		Client Sample ID: COMP-ROLLOFFMS									
Benzaldehyde	1800	0	920	ug/Kg	51				10	171	
Phenol	1800	0	1600	ug/Kg	89				51	122	
bis(2-Chloroethyl)ether	1800	0	1600	ug/Kg	89				54	125	
2-Chlorophenol	1800	0	1700	ug/Kg	94				51	121	
2-Methylphenol	1800	0	1600	ug/Kg	89				47	125	
2,2-oxybis(1-Chloropropane)	1800	0	1300	ug/Kg	72				46	119	
Acetophenone	1800	0	2000	ug/Kg	111				55	128	
3+4-Methylphenols	1800	0	1600	ug/Kg	89				49	125	
N-Nitroso-di-n-propylamine	1800	0	1500	ug/Kg	83				59	119	
Hexachloroethane	1800	0	1800	ug/Kg	100				51	116	
Nitrobenzene	1800	0	1800	ug/Kg	100				47	124	
Isophorone	1800	0	1700	ug/Kg	94				49	127	
2-Nitrophenol	1800	0	2000	ug/Kg	111				43	131	
2,4-Dimethylphenol	1800	0	1900	ug/Kg	106				63	151	
bis(2-Chloroethoxy)methane	1800	0	1700	ug/Kg	94				51	119	
2,4-Dichlorophenol	1800	0	1800	ug/Kg	100				50	122	
Naphthalene	1800	0	1800	ug/Kg	100				51	121	
4-Chloroaniline	1800	0	780	ug/Kg	43				10	100	
Hexachlorobutadiene	1800	0	2000	ug/Kg	111				44	126	
Caprolactam	1800	0	1600	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1800	0	1700	ug/Kg	94				57	132	
2-Methylnaphthalene	1800	0	1600	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	3700	0	2500	ug/Kg	68				10	175	
2,4,6-Trichlorophenol	1800	0	1800	ug/Kg	100				33	141	
2,4,5-Trichlorophenol	1800	0	1800	ug/Kg	100				38	135	
1,1-Biphenyl	1800	0	2000	ug/Kg	111				55	131	
2-Chloronaphthalene	1800	0	1800	ug/Kg	100				48	124	
2-Nitroaniline	1800	0	1800	ug/Kg	100				47	134	
Dimethylphthalate	1800	0	1800	ug/Kg	100				54	120	
Acenaphthylene	1800	0	2000	ug/Kg	111				57	125	
2,6-Dinitrotoluene	1800	0	2100	ug/Kg	117				48	127	
3-Nitroaniline	1800	0	1300	ug/Kg	72				10	112	
Acenaphthene	1800	0	1800	ug/Kg	100				70	121	
2,4-Dinitrophenol	3700	0	2800	ug/Kg	76				10	155	
4-Nitrophenol	3700	0	3100	ug/Kg	84				10	175	
Dibenzofuran	1800	0	1800	ug/Kg	100				52	114	
2,4-Dinitrotoluene	1800	0	2000	ug/Kg	111				41	140	
Diethylphthalate	1800	0	1800	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	1800	0	1800	ug/Kg	100				48	122	
Fluorene	1800	0	1800	ug/Kg	100				53	118	
4-Nitroaniline	1800	0	1700	ug/Kg	94				29	140	
4,6-Dinitro-2-methylphenol	1800	0	2000	ug/Kg	111				10	160	
N-Nitrosodiphenylamine	1800	0	1900	ug/Kg	106				73	118	
4-Bromophenyl-phenylether	1800	0	1900	ug/Kg	106				65	121	
Hexachlorobenzene	1800	0	2000	ug/Kg	111				67	118	
Atrazine	1800	0	2000	ug/Kg	111				45	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method: SW8270E

Client: ICE Service Group, Inc.

DataFile: BF144045.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3700	0	3500	ug/Kg	95				13	153	
Phenanthrene	1800	0	1800	ug/Kg	100				52	128	
Anthracene	1800	0	1900	ug/Kg	106				62	124	
Carbazole	1800	0	1900	ug/Kg	106				59	119	
Di-n-butylphthalate	1800	0	1900	ug/Kg	106				55	125	
Fluoranthene	1800	0	2000	ug/Kg	111				44	125	
Pyrene	1800	0	1400	ug/Kg	78				37	122	
Butylbenzylphthalate	1800	0	1700	ug/Kg	94				44	135	
3,3-Dichlorobenzidine	1800	0	1600	ug/Kg	89				15	112	
Benzo(a)anthracene	1800	0	1800	ug/Kg	100				53	119	
Chrysene	1800	0	1900	ug/Kg	106				57	121	
bis(2-Ethylhexyl)phthalate	1800	0	2000	ug/Kg	111				42	169	
Di-n-octyl phthalate	1800	0	2200	ug/Kg	122				51	156	
Benzo(b)fluoranthene	1800	0	1900	ug/Kg	106				52	117	
Benzo(k)fluoranthene	1800	0	1800	ug/Kg	100				57	134	
Benzo(a)pyrene	1800	0	1900	ug/Kg	106				70	142	
Indeno(1,2,3-cd)pyrene	1800	0	1500	ug/Kg	83				40	129	
Dibenz(a,h)anthracene	1800	0	1600	ug/Kg	89				43	123	
Benzo(g,h,i)perylene	1800	0	1400	ug/Kg	78				24	125	
1,2,4,5-Tetrachlorobenzene	1800	0	2100	ug/Kg	117				52	134	
1,4-Dioxane	1800	0	1600	ug/Kg	89				46	112	
2,3,4,6-Tetrachlorophenol	1800	0	1900	ug/Kg	106				24	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method: SW8270E

Client: ICE Service Group, Inc.

DataFile: BF144046.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q3399-01MSD	Client Sample ID:	COMP-ROLLOFFMSD								
Benzaldehyde	1900	0	990	ug/Kg	52	2			10	171	20
Phenol	1900	0	1700	ug/Kg	89	0			51	122	20
bis(2-Chloroethyl)ether	1900	0	1600	ug/Kg	84	6			54	125	20
2-Chlorophenol	1900	0	1800	ug/Kg	95	1			51	121	20
2-Methylphenol	1900	0	1700	ug/Kg	89	0			47	125	20
2,2-oxybis(1-Chloropropane)	1900	0	1400	ug/Kg	74	3			46	119	20
Acetophenone	1900	0	2000	ug/Kg	105	6			55	128	20
3+4-Methylphenols	1900	0	1700	ug/Kg	89	0			49	125	20
N-Nitroso-di-n-propylamine	1900	0	1700	ug/Kg	89	7			59	119	20
Hexachloroethane	1900	0	1900	ug/Kg	100	0			51	116	20
Nitrobenzene	1900	0	1900	ug/Kg	100	0			47	124	20
Isophorone	1900	0	1700	ug/Kg	89	5			49	127	20
2-Nitrophenol	1900	0	2100	ug/Kg	111	0			43	131	20
2,4-Dimethylphenol	1900	0	2000	ug/Kg	105	1			63	151	20
bis(2-Chloroethoxy)methane	1900	0	1700	ug/Kg	89	5			51	119	20
2,4-Dichlorophenol	1900	0	1800	ug/Kg	95	5			50	122	20
Naphthalene	1900	0	1800	ug/Kg	95	5			51	121	20
4-Chloroaniline	1900	0	760	ug/Kg	40	7			10	100	20
Hexachlorobutadiene	1900	0	2100	ug/Kg	111	0			44	126	20
Caprolactam	1900	0	1700	ug/Kg	89	0			51	134	20
4-Chloro-3-methylphenol	1900	0	1800	ug/Kg	95	1			57	132	20
2-Methylnaphthalene	1900	0	1700	ug/Kg	89	0			59	123	20
Hexachlorocyclopentadiene	3700	0	2800	ug/Kg	76	11			10	175	20
2,4,6-Trichlorophenol	1900	0	1900	ug/Kg	100	0			33	141	20
2,4,5-Trichlorophenol	1900	0	2000	ug/Kg	105	5			38	135	20
1,1-Biphenyl	1900	0	2100	ug/Kg	111	0			55	131	20
2-Chloronaphthalene	1900	0	1900	ug/Kg	100	0			48	124	20
2-Nitroaniline	1900	0	1900	ug/Kg	100	0			47	134	20
Dimethylphthalate	1900	0	1900	ug/Kg	100	0			54	120	20
Acenaphthylene	1900	0	2100	ug/Kg	111	0			57	125	20
2,6-Dinitrotoluene	1900	0	2200	ug/Kg	116	1			48	127	20
3-Nitroaniline	1900	0	1300	ug/Kg	68	6			10	112	20
Acenaphthene	1900	0	1900	ug/Kg	100	0			70	121	20
2,4-Dinitrophenol	3700	0	2800	ug/Kg	76	0			10	155	20
4-Nitrophenol	3700	0	3000	ug/Kg	81	4			10	175	20
Dibenzofuran	1900	0	1800	ug/Kg	95	5			52	114	20
2,4-Dinitrotoluene	1900	0	2100	ug/Kg	111	0			41	140	20
Diethylphthalate	1900	0	1900	ug/Kg	100	0			51	119	20
4-Chlorophenyl-phenylether	1900	0	1900	ug/Kg	100	0			48	122	20
Fluorene	1900	0	1900	ug/Kg	100	0			53	118	20
4-Nitroaniline	1900	0	1800	ug/Kg	95	1			29	140	20
4,6-Dinitro-2-methylphenol	1900	0	2200	ug/Kg	116	4			10	160	20
N-Nitrosodiphenylamine	1900	0	1900	ug/Kg	100	6			73	118	20
4-Bromophenyl-phenylether	1900	0	2000	ug/Kg	105	1			65	121	20
Hexachlorobenzene	1900	0	2000	ug/Kg	105	6			67	118	20
Atrazine	1900	0	2100	ug/Kg	111	0			45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method: SW8270E

Client: ICE Service Group, Inc.

DataFile: BF144046.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3700	0	3500	ug/Kg	95		0		13	153	20
Phenanthrene	1900	0	1900	ug/Kg	100		0		52	128	20
Anthracene	1900	0	1900	ug/Kg	100		6		62	124	20
Carbazole	1900	0	1900	ug/Kg	100		6		59	119	20
Di-n-butylphthalate	1900	0	1900	ug/Kg	100		6		55	125	20
Fluoranthene	1900	0	2000	ug/Kg	105		6		44	125	20
Pyrene	1900	0	1400	ug/Kg	74		5		37	122	20
Butylbenzylphthalate	1900	0	1800	ug/Kg	95		1		44	135	20
3,3-Dichlorobenzidine	1900	0	1700	ug/Kg	89		0		15	112	20
Benzo(a)anthracene	1900	0	1900	ug/Kg	100		0		53	119	20
Chrysene	1900	0	2000	ug/Kg	105		1		57	121	20
bis(2-Ethylhexyl)phthalate	1900	0	2100	ug/Kg	111		0		42	169	20
Di-n-octyl phthalate	1900	0	2300	ug/Kg	121		1		51	156	20
Benzo(b)fluoranthene	1900	0	1900	ug/Kg	100		6		52	117	20
Benzo(k)fluoranthene	1900	0	1800	ug/Kg	95		5		57	134	20
Benzo(a)pyrene	1900	0	2000	ug/Kg	105		1		70	142	20
Indeno(1,2,3-cd)pyrene	1900	0	1500	ug/Kg	79		5		40	129	20
Dibenz(a,h)anthracene	1900	0	1600	ug/Kg	84		6		43	123	20
Benzo(g,h,i)perylene	1900	0	1400	ug/Kg	74		5		24	125	20
1,2,4,5-Tetrachlorobenzene	1900	0	2300	ug/Kg	121		3		52	134	20
1,4-Dioxane	1900	0	1700	ug/Kg	89		0		46	112	20
2,3,4,6-Tetrachlorophenol	1900	0	2000	ug/Kg	105		1		24	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3399

Analytical Method:

8270E

Client: ICE Service Group, Inc.

DataFile:

BF144076.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170206BS	Benzaldehyde	1700	830	ug/Kg	49				10	133	
	Phenol	1700	1300	ug/Kg	76				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1300	ug/Kg	76				65	112	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				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	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1300	ug/Kg	76				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	770	ug/Kg	45				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				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	4500	ug/Kg	136				45	165	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	980	ug/Kg	58				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	
	4-Nitrophenol	3300	2800	ug/Kg	85				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				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	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				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.: Q3399

Analytical Method: 8270E

Client: ICE Service Group, Inc.

DataFile: BF144076.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170206BS	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1400	ug/Kg	82				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				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	1300	ug/Kg	76				58	104	
	Fluoranthene	1700	1200	ug/Kg	71				57	107	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				54	135	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170206BL

Lab Name: Alliance

Contract: ICES02

Lab Code: ACE

SDG NO.: Q3399

Lab File ID: BF144075.D

Lab Sample ID: PB170206BL

Instrument ID: BNA_F

Date Extracted: 10/22/2025

Matrix: (soil/water) SOIL

Date Analyzed: 10/27/2025

Level: (low/med) LOW

Time Analyzed: 10:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170206BS	PB170206BS	BF144076.D	10/27/2025
COMP-ROLLOFF	Q3399-01	BF144043.D	10/22/2025
COMP-ROLLOFFMS	Q3399-01MS	BF144045.D	10/22/2025
COMP-ROLLOFFMSD	Q3399-01MSD	BF144046.D	10/22/2025

COMMENTS: _____



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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

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

Contract: ICES02
SDG NO.: Q3399
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: BF144031.D
Instrument ID: BNA_F

Contract: ICES02
SDG NO.: Q3399
DFTPP Injection Date: 10/22/2025
DFTPP Injection Time: 09:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	30.3
70	Less than 2.0% of mass 69	0.2 (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	6.5
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	16.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 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	BF144032.D	10/22/2025	10:25
COMP-ROLLOFF	Q3399-01	BF144043.D	10/22/2025	15:49
COMP-ROLLOFFMS	Q3399-01MS	BF144045.D	10/22/2025	16:48
COMP-ROLLOFFMSD	Q3399-01MSD	BF144046.D	10/22/2025	17:17



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144055.D
Instrument ID: BNA_F

Contract: ICES02
SDG NO.: Q3399
DFTPP Injection Date: 10/24/2025
DFTPP Injection Time: 09:45

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	23.3
70	Less than 2.0% of mass 69	0.0 (0.0) 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	4.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 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	BF144056.D	10/24/2025	10:13
SSTDICC005	SSTDICC005	BF144057.D	10/24/2025	10:42
SSTDICC010	SSTDICC010	BF144058.D	10/24/2025	11:39
SSTDICC020	SSTDICC020	BF144059.D	10/24/2025	12:36
SSTDICCC040	SSTDICCC040	BF144060.D	10/24/2025	13:05
SSTDICC050	SSTDICC050	BF144061.D	10/24/2025	13:34
SSTDICC080	SSTDICC080	BF144063.D	10/24/2025	14:32
SSTDICC060	SSTDICC060	BF144064.D	10/24/2025	16:24



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: AllianceContract: ICES02Lab Code: ACESDG NO.: Q3399Lab File ID: BF144073.DDFTPP Injection Date: 10/27/2025Instrument ID: BNA_FDFTPP Injection Time: 09:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.9) 1
69	Mass 69 relative abundance	22.3
70	Less than 2.0% of mass 69	0.1 (0.5) 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	4.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (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
SSTDCCC040	SSTDCCC040	BF144074.D	10/27/2025	10:27
PB170206BL	PB170206BL	BF144075.D	10/27/2025	10:57
PB170206BS	PB170206BS	BF144076.D	10/27/2025	11:27

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3399

Client ID : SSTDCCC040

Date Analyzed: 10/22/2025

Lab File ID: BF144032.D

Time Analyzed: 10:25

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	112960	6.881	428129	8.16	220935	9.92
UPPER LIMIT	225920	7.381	856258	8.663	441870	10.422
LOWER LIMIT	56480	6.381	214065	7.663	110468	9.422
EPA SAMPLE NO.						
01 COMP-ROLLOFF	58583	6.88	215525	8.16	105907 *	9.92
02 COMP-ROLLOFFMS	57143	6.88	201418 *	8.16	104489 *	9.92
03 COMP-ROLLOFFMSD	52405 *	6.88	194453 *	8.16	100404 *	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.: Q3399

Client ID: SSTDCCC040

Date Analyzed: 10/22/2025

Lab File ID: BF144032.D

Time Analyzed: 10:25

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	348267	11.416	176671	14.063	208587	15.545
UPPER LIMIT	696534	11.916	353342	14.563	417174	16.045
LOWER LIMIT	174134	10.916	88335.5	13.563	104294	15.045
EPA SAMPLE NO.						
01 COMP-ROLLOFF	183706	11.41	180151	14.06	216631	15.55
02 COMP-ROLLOFFMS	168446 *	11.41	157711	14.06	198777	15.55
03 COMP-ROLLOFFMSD	161809 *	11.41	140916	14.06	186035	15.55

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.: Q3399

Client ID : SSTDCCC040

Date Analyzed: 10/27/2025

Lab File ID: BF144074.D

Time Analyzed: 10:27

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	54596	6.881	204208	8.16	113226	9.92
UPPER LIMIT	109192	7.381	408416	8.663	226452	10.422
LOWER LIMIT	27298	6.381	102104	7.663	56613	9.422
EPA SAMPLE NO.						
01 PB170206BL	68934	6.88	265265	8.16	152247	9.92
02 PB170206BS	61653	6.88	230299	8.16	126935	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.: Q3399

Client ID: SSTDCCC040

Date Analyzed: 10/27/2025

Lab File ID: BF144074.D

Time Analyzed: 10:27

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	184414	11.41	112717	14.057	164562	15.545
UPPER LIMIT	368828	11.91	225434	14.557	329124	16.045
LOWER LIMIT	92207	10.91	56358.5	13.557	82281	15.045
EPA SAMPLE NO.						
01 PB170206BL	283532	11.41	170424	14.06	194021	15.54
02 PB170206BS	219220	11.41	125508	14.06	170803	15.55

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



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Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFF
Lab Sample ID: Q3399-01
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.09 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3399
Matrix: SOIL
% Solid: 89.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	370	U	1	170	370	ug/Kg	10/22/25 15:49	PB170206
108-95-2	Phenol	190	U	1	24.5	190	ug/Kg	10/22/25 15:49	PB170206
111-44-4	bis(2-Chloroethyl)ether	190	U	1	26.9	190	ug/Kg	10/22/25 15:49	PB170206
95-57-8	2-Chlorophenol	190	U	1	27.1	190	ug/Kg	10/22/25 15:49	PB170206
95-48-7	2-Methylphenol	190	U	1	33.2	190	ug/Kg	10/22/25 15:49	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	1	41.6	190	ug/Kg	10/22/25 15:49	PB170206
98-86-2	Acetophenone	190	U	1	32.7	190	ug/Kg	10/22/25 15:49	PB170206
65794-96-9	3+4-Methylphenols	370	U	1	45.6	370	ug/Kg	10/22/25 15:49	PB170206
621-64-7	n-Nitroso-di-n-propylamine	88.7	U	1	52.6	88.7	ug/Kg	10/22/25 15:49	PB170206
67-72-1	Hexachloroethane	190	U	1	19.5	190	ug/Kg	10/22/25 15:49	PB170206
98-95-3	Nitrobenzene	190	U	1	20.3	190	ug/Kg	10/22/25 15:49	PB170206
78-59-1	Isophorone	190	U	1	36.4	190	ug/Kg	10/22/25 15:49	PB170206
88-75-5	2-Nitrophenol	190	U	1	64.5	190	ug/Kg	10/22/25 15:49	PB170206
105-67-9	2,4-Dimethylphenol	190	U	1	71.9	190	ug/Kg	10/22/25 15:49	PB170206
111-91-1	bis(2-Chloroethoxy)methane	190	U	1	34.2	190	ug/Kg	10/22/25 15:49	PB170206
120-83-2	2,4-Dichlorophenol	190	U	1	31.4	190	ug/Kg	10/22/25 15:49	PB170206
91-20-3	Naphthalene	190	U	1	25.2	190	ug/Kg	10/22/25 15:49	PB170206
106-47-8	4-Chloroaniline	190	U	1	39.3	190	ug/Kg	10/22/25 15:49	PB170206
87-68-3	Hexachlorobutadiene	190	U	1	28.1	190	ug/Kg	10/22/25 15:49	PB170206
105-60-2	Caprolactam	370	U	1	57.8	370	ug/Kg	10/22/25 15:49	PB170206
59-50-7	4-Chloro-3-methylphenol	190	U	1	31.8	190	ug/Kg	10/22/25 15:49	PB170206
91-57-6	2-Methylnaphthalene	190	U	1	28.4	190	ug/Kg	10/22/25 15:49	PB170206
77-47-4	Hexachlorocyclopentadiene	370	U	1	130	370	ug/Kg	10/22/25 15:49	PB170206
88-06-2	2,4,6-Trichlorophenol	190	U	1	22.0	190	ug/Kg	10/22/25 15:49	PB170206
95-95-4	2,4,5-Trichlorophenol	190	U	1	32.3	190	ug/Kg	10/22/25 15:49	PB170206
92-52-4	1,1-Biphenyl	190	U	1	24.2	190	ug/Kg	10/22/25 15:49	PB170206
91-58-7	2-Chloronaphthalene	190	U	1	25.0	190	ug/Kg	10/22/25 15:49	PB170206
88-74-4	2-Nitroaniline	190	U	1	53.3	190	ug/Kg	10/22/25 15:49	PB170206
131-11-3	Dimethylphthalate	190	U	1	30.1	190	ug/Kg	10/22/25 15:49	PB170206
208-96-8	Acenaphthylene	190	U	1	32.1	190	ug/Kg	10/22/25 15:49	PB170206
606-20-2	2,6-Dinitrotoluene	190	U	1	37.3	190	ug/Kg	10/22/25 15:49	PB170206
99-09-2	3-Nitroaniline	190	U	1	51.0	190	ug/Kg	10/22/25 15:49	PB170206
83-32-9	Acenaphthene	190	U	1	23.6	190	ug/Kg	10/22/25 15:49	PB170206
51-28-5	2,4-Dinitrophenol	370	U	1	250	370	ug/Kg	10/22/25 15:49	PB170206
100-02-7	4-Nitrophenol	370	U	1	120	370	ug/Kg	10/22/25 15:49	PB170206
132-64-9	Dibenzofuran	190	U	1	25.2	190	ug/Kg	10/22/25 15:49	PB170206
121-14-2	2,4-Dinitrotoluene	190	U	1	55.6	190	ug/Kg	10/22/25 15:49	PB170206
84-66-2	Diethylphthalate	190	U	1	31.4	190	ug/Kg	10/22/25 15:49	PB170206
7005-72-3	4-Chlorophenyl-phenylether	190	U	1	29.6	190	ug/Kg	10/22/25 15:49	PB170206
86-73-7	Fluorene	190	U	1	28.1	190	ug/Kg	10/22/25 15:49	PB170206
100-01-6	4-Nitroaniline	190	U	1	71.2	190	ug/Kg	10/22/25 15:49	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	370	U	1	110	370	ug/Kg	10/22/25 15:49	PB170206



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Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFF
Lab Sample ID: Q3399-01
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.09 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3399
Matrix: SOIL
% Solid: 89.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	190	U	1	36.5	190	ug/Kg	10/22/25 15:49	PB170206
101-55-3	4-Bromophenyl-phenylether	190	U	1	30.8	190	ug/Kg	10/22/25 15:49	PB170206
118-74-1	Hexachlorobenzene	190	U	1	28.1	190	ug/Kg	10/22/25 15:49	PB170206
1912-24-9	Atrazine	190	U	1	37.7	190	ug/Kg	10/22/25 15:49	PB170206
87-86-5	Pentachlorophenol	370	U	1	56.9	370	ug/Kg	10/22/25 15:49	PB170206
85-01-8	Phenanthrene	190	U	1	23.2	190	ug/Kg	10/22/25 15:49	PB170206
120-12-7	Anthracene	190	U	1	36.9	190	ug/Kg	10/22/25 15:49	PB170206
86-74-8	Carbazole	190	U	1	34.6	190	ug/Kg	10/22/25 15:49	PB170206
84-74-2	Di-n-butylphthalate	190	U	1	53.1	190	ug/Kg	10/22/25 15:49	PB170206
206-44-0	Fluoranthene	190	U	1	33.3	190	ug/Kg	10/22/25 15:49	PB170206
129-00-0	Pyrene	190	U	1	39.9	190	ug/Kg	10/22/25 15:49	PB170206
85-68-7	Butylbenzylphthalate	190	U	1	79.2	190	ug/Kg	10/22/25 15:49	PB170206
91-94-1	3,3-Dichlorobenzidine	370	U	1	40.7	370	ug/Kg	10/22/25 15:49	PB170206
56-55-3	Benzo(a)anthracene	190	U	1	25.5	190	ug/Kg	10/22/25 15:49	PB170206
218-01-9	Chrysene	190	U	1	22.1	190	ug/Kg	10/22/25 15:49	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	1	65.7	190	ug/Kg	10/22/25 15:49	PB170206
117-84-0	Di-n-octyl phthalate	370	U	1	96.3	370	ug/Kg	10/22/25 15:49	PB170206
205-99-2	Benzo(b)fluoranthene	190	U	1	21.1	190	ug/Kg	10/22/25 15:49	PB170206
207-08-9	Benzo(k)fluoranthene	190	U	1	24.8	190	ug/Kg	10/22/25 15:49	PB170206
50-32-8	Benzo(a)pyrene	190	U	1	32.7	190	ug/Kg	10/22/25 15:49	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	190	U	1	32.3	190	ug/Kg	10/22/25 15:49	PB170206
53-70-3	Dibenzo(a,h)anthracene	190	U	1	30.4	190	ug/Kg	10/22/25 15:49	PB170206
191-24-2	Benzo(g,h,i)perylene	190	U	1	28.5	190	ug/Kg	10/22/25 15:49	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	1	28.4	190	ug/Kg	10/22/25 15:49	PB170206
123-91-1	1,4-Dioxane	190	U	1	50.1	190	ug/Kg	10/22/25 15:49	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	190	U	1	30.4	190	ug/Kg	10/22/25 15:49	PB170206

SURROGATES

367-12-4	2-Fluorophenol	93.5		18 - 112	62%	SPK: 150
13127-88-3	Phenol-d6	89.9		15 - 107	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	67.4		18 - 107	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		20 - 109	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	107		10 - 116	71%	SPK: 150
1718-51-0	Terphenyl-d14	48.6		10 - 105	49%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	58600
1146-65-2	Naphthalene-d8	216000
15067-26-2	Acenaphthene-d10	106000
1517-22-2	Phenanthrene-d10	184000
1719-03-5	Chrysene-d12	180000
1520-96-3	Perylene-d12	217000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	200	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	130	J	11.9	ug/Kg



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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFF	SDG No.:	Q3399
Lab Sample ID:	Q3399-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.09 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
959092-08-1	Pentafluoropropionic acid, pentade	170	J			13.9	ug/Kg		

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\BF102225\
Data File : BF144043.D
Acq On : 22 Oct 2025 15:49
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

Quant Time: Oct 22 16:09:52 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	6.881	152	58583	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	215525	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	105907	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	183706	20.000	ng	0.00
76) Chrysene-d12	14.057	240	180151	20.000	ng	-0.01
86) Perylene-d12	15.545	264	216631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	345033	93.527	ng	0.00
7) Phenol-d6	6.504	99	395273	89.890	ng	-0.01
23) Nitrobenzene-d5	7.440	82	238932	67.353	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	112782	106.917	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	473311	70.913	ng	-0.01
79) Terphenyl-d14	12.998	244	512429	48.614	ng	-0.01

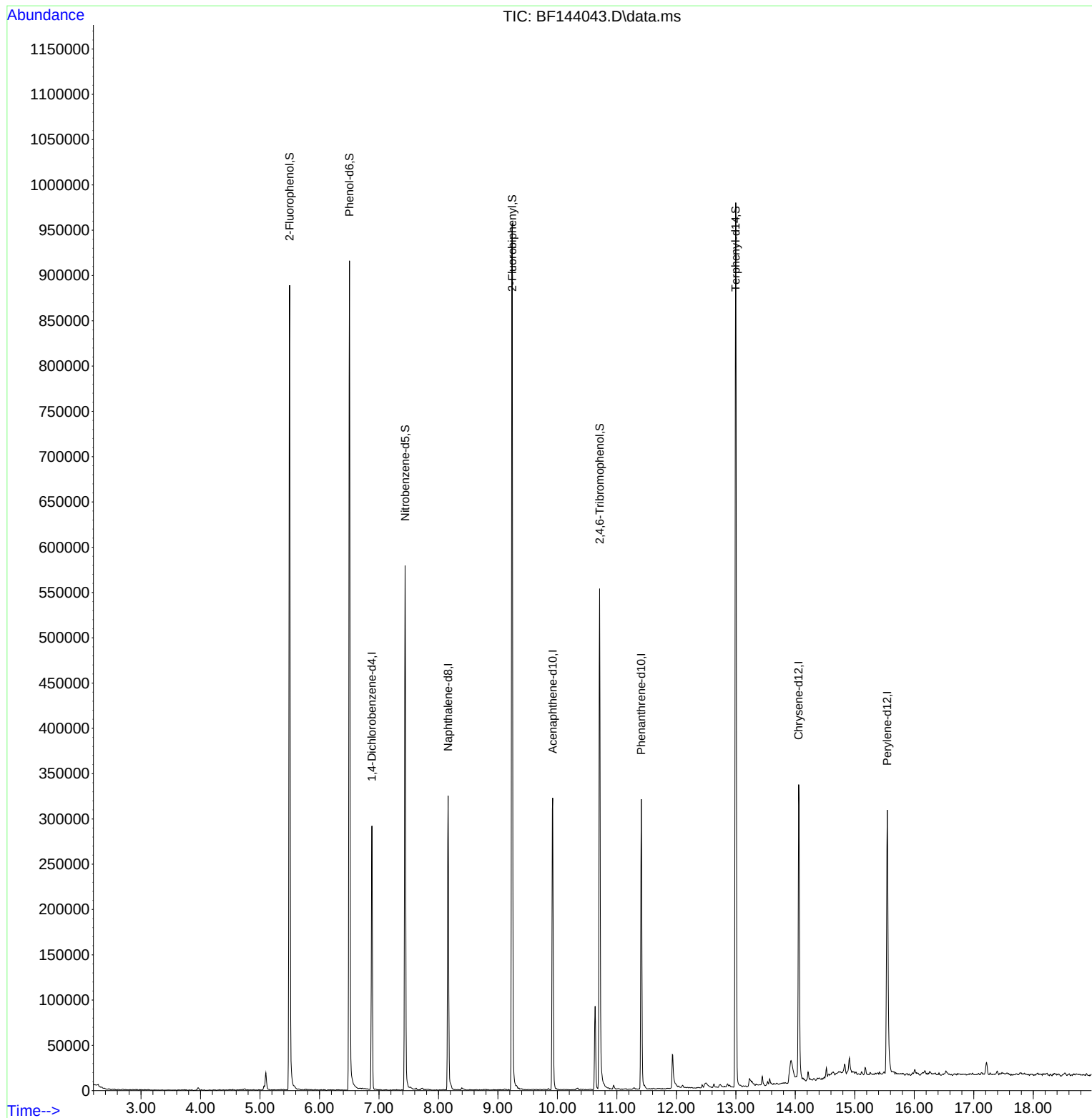
Target Compounds	Qvalue

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

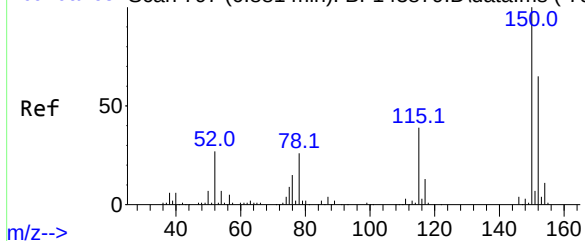
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Data File : BF144043.D
Acq On : 22 Oct 2025 15:49
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

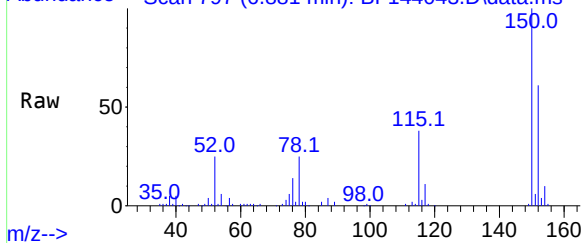
Quant Time: Oct 22 16:09:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



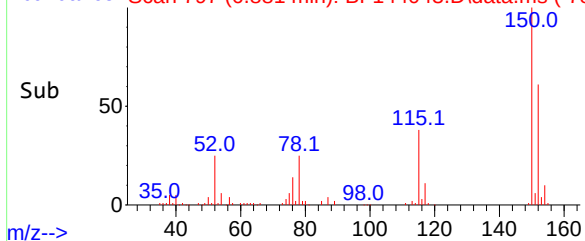
Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79



m/z--> Abundance Scan 797 (6.881 min): BF144043.D\data.ms



m/z--> Abundance Scan 797 (6.881 min): BF144043.D\data.ms (-78



m/z--> Abundance Scan 797 (6.881 min): BF144043.D\data.ms (-78

#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.881 min Scan# 79

Delta R.T. -0.005 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFF

Tgt Ion:152 Resp: 58583

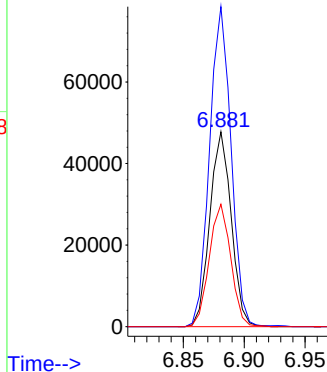
Ion Ratio Lower Upper

152 100

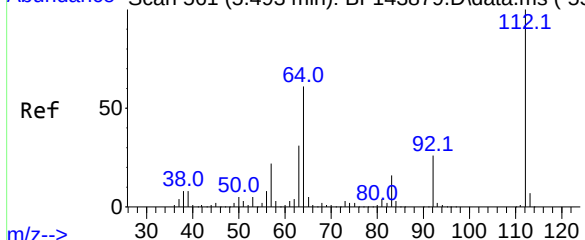
150 164.2 124.4 186.6

115 62.8 48.1 72.1

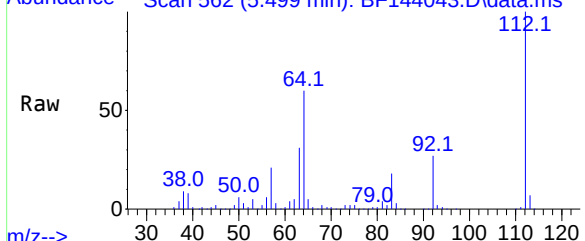
Abundance



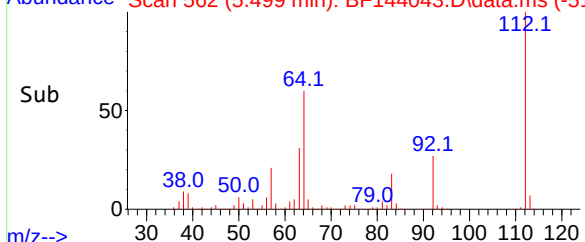
Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



m/z--> Abundance Scan 562 (5.499 min): BF144043.D\data.ms



m/z--> Abundance Scan 562 (5.499 min): BF144043.D\data.ms (-51



m/z--> Abundance Scan 562 (5.499 min): BF144043.D\data.ms (-51

#5

2-Fluorophenol

Concen: 93.527 ng

RT: 5.499 min Scan# 562

Delta R.T. 0.000 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Tgt Ion:112 Resp: 345033

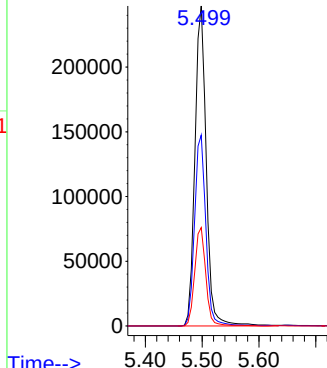
Ion Ratio Lower Upper

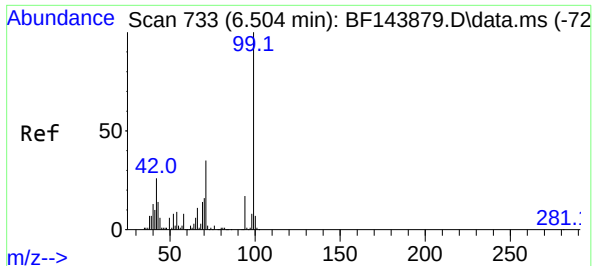
112 100

64 59.6 49.1 73.7

63 30.8 24.5 36.7

Abundance

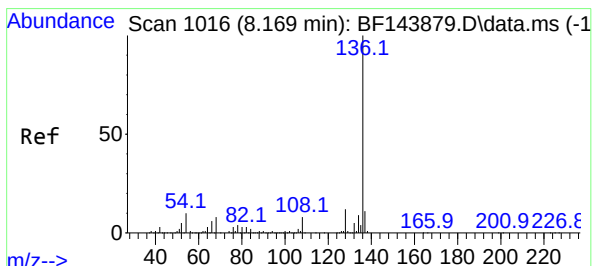
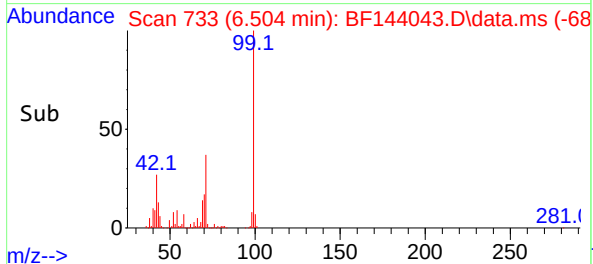
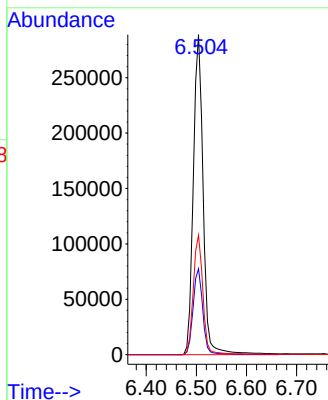
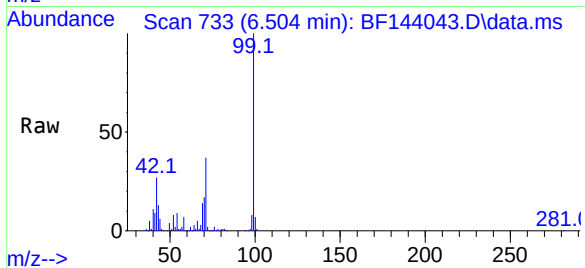




#7
Phenol-d6
Concen: 89.890 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

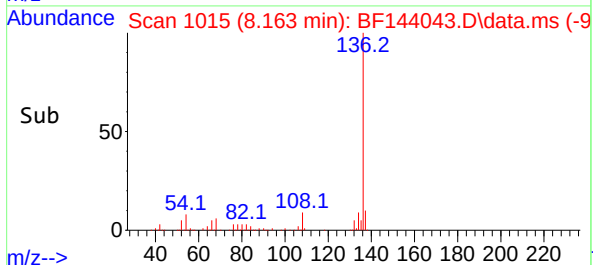
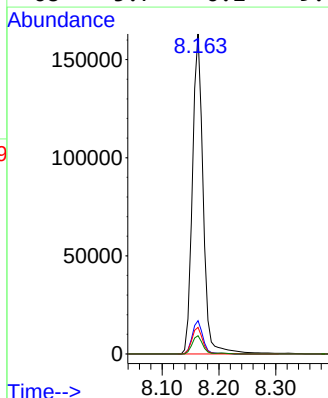
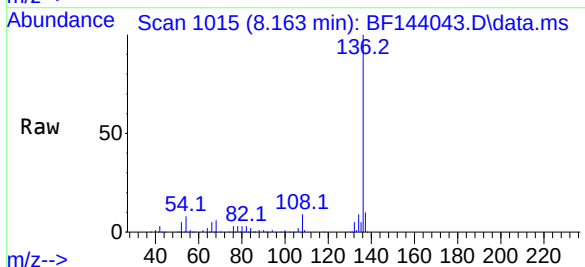
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

Tgt Ion: 99 Resp: 395273
Ion Ratio Lower Upper
99 100
42 26.8 21.0 31.4
71 37.4 27.8 41.8

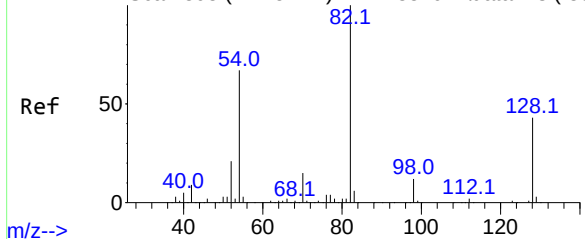


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Tgt Ion: 136 Resp: 215525
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 8.3 8.2 12.4
68 5.7 6.2 9.4#



Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 67.353 ng

RT: 7.440 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Instrument :

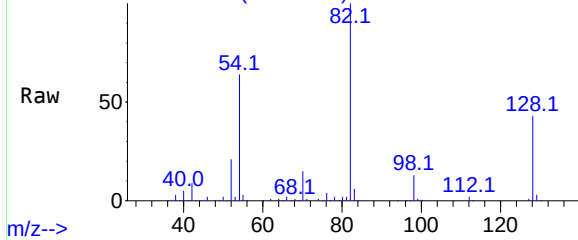
BNA_F

ClientSampleId :

COMP-ROLLOFF

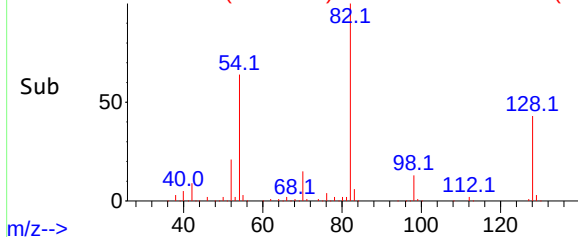
m/z-->

Abundance Scan 892 (7.440 min): BF144043.D\data.ms

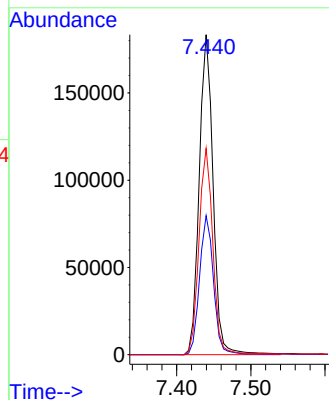


m/z-->

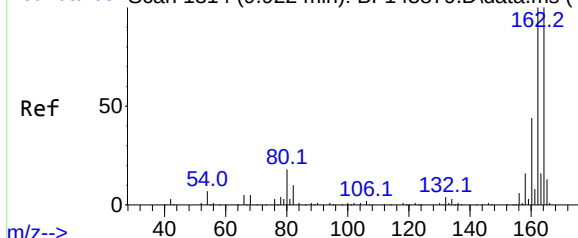
Abundance Scan 892 (7.440 min): BF144043.D\data.ms (-84



m/z-->

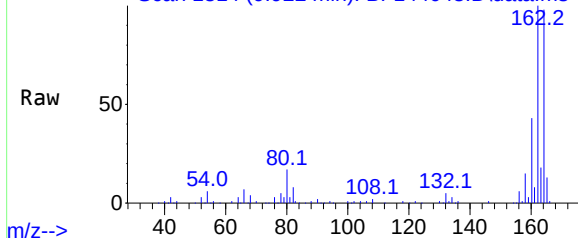


Abundance Scan 1314 (9.922 min): BF143879.D\data.ms (-1



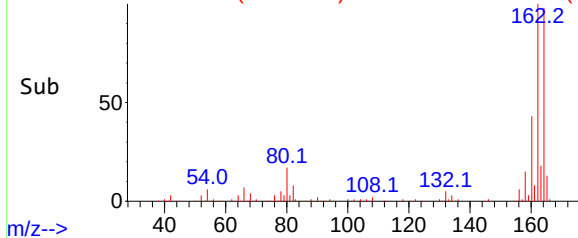
m/z-->

Abundance Scan 1314 (9.922 min): BF144043.D\data.ms



m/z-->

Abundance Scan 1314 (9.922 min): BF144043.D\data.ms (-1



m/z-->

#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

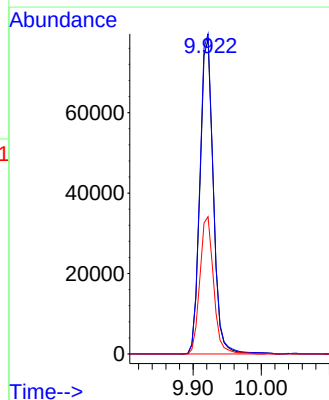
Tgt Ion:164 Resp: 105907

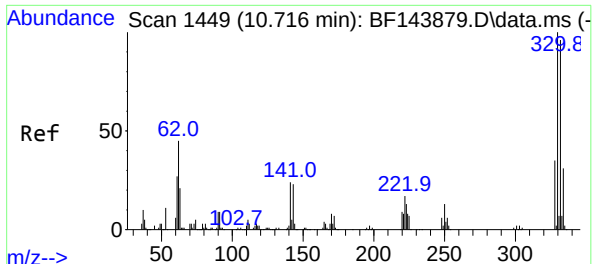
Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 106.917 ng

RT: 10.710 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFF

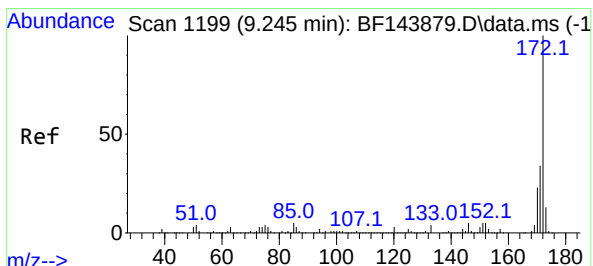
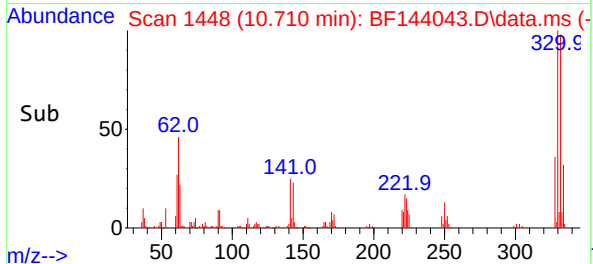
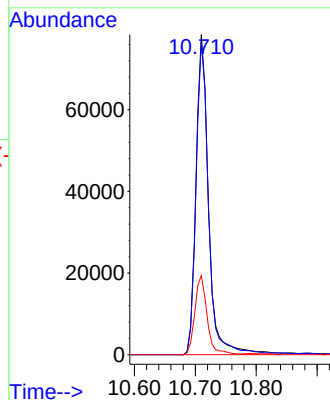
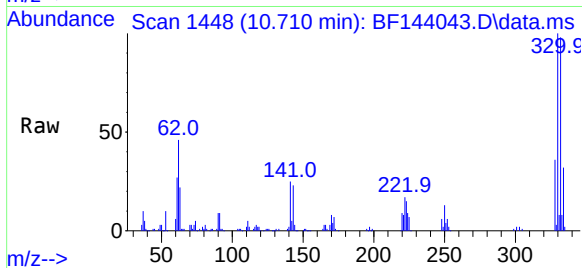
Tgt Ion:330 Resp: 112782

Ion Ratio Lower Upper

330 100

332 98.0 76.9 115.3

141 24.1 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 70.913 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

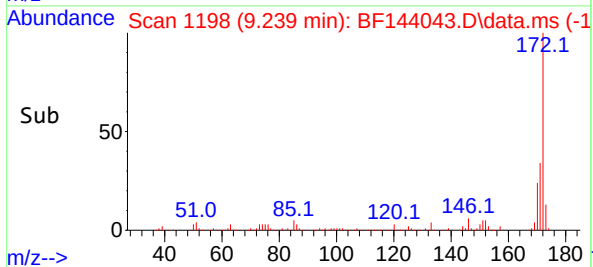
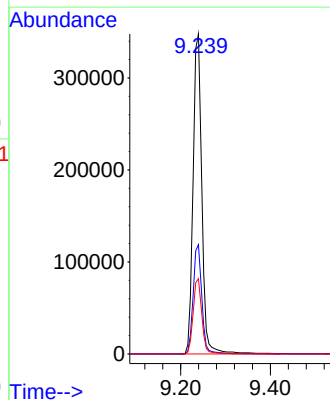
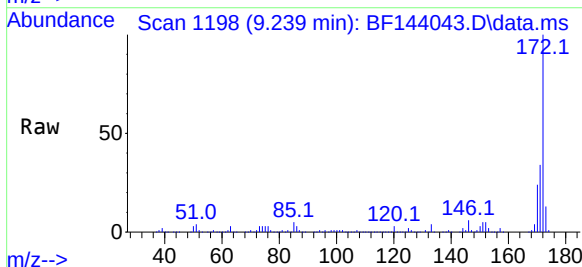
Tgt Ion:172 Resp: 473311

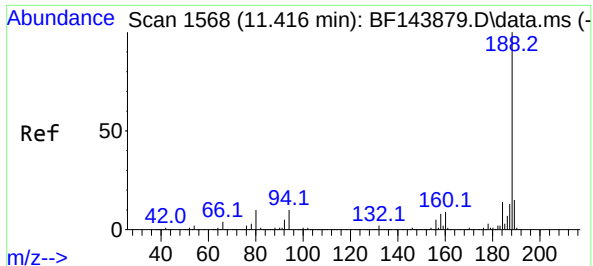
Ion Ratio Lower Upper

172 100

171 34.1 27.4 41.0

170 23.5 18.6 28.0

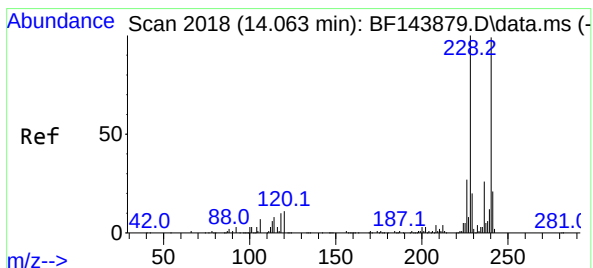
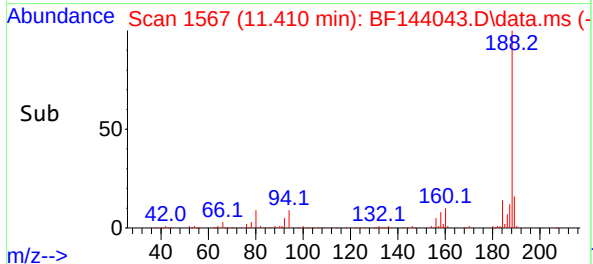
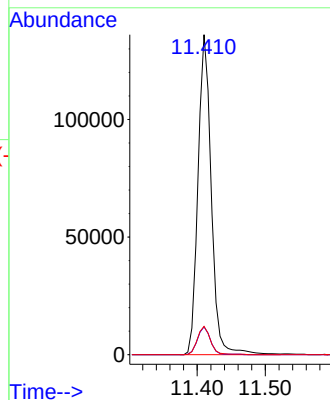
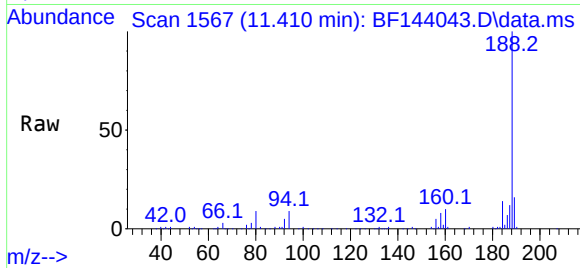




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

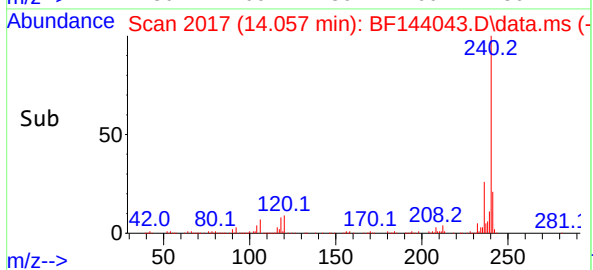
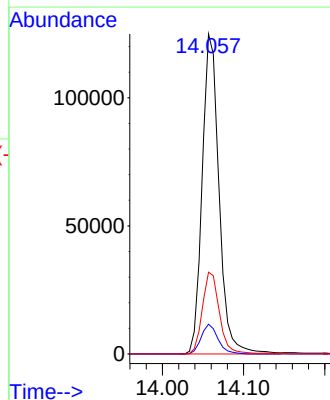
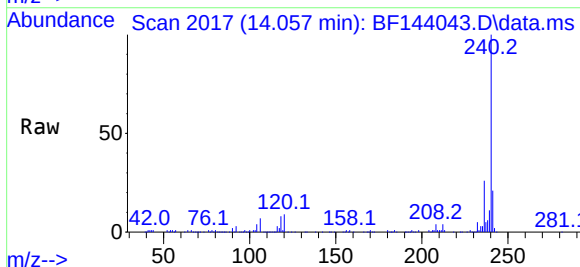
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

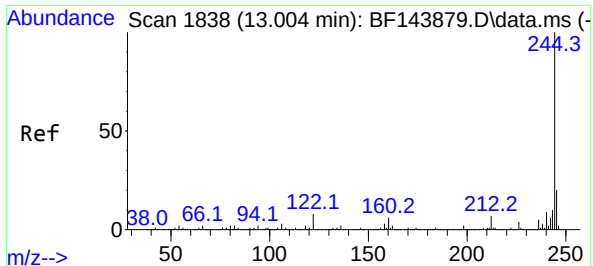
Tgt Ion:188 Resp: 183706
Ion Ratio Lower Upper
188 100
94 8.7 7.8 11.6
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144043.D
Acq: 22 Oct 2025 15:49

Tgt Ion:240 Resp: 180151
Ion Ratio Lower Upper
240 100
120 9.3 8.6 13.0
236 25.6 21.1 31.7





#79

Terphenyl-d14

Concen: 48.614 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFF

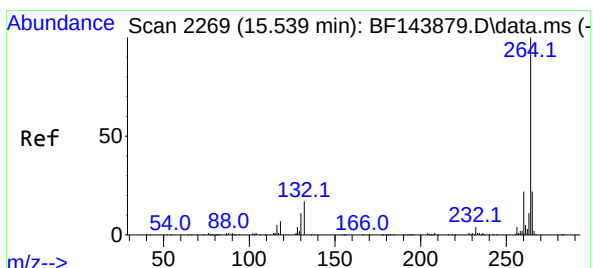
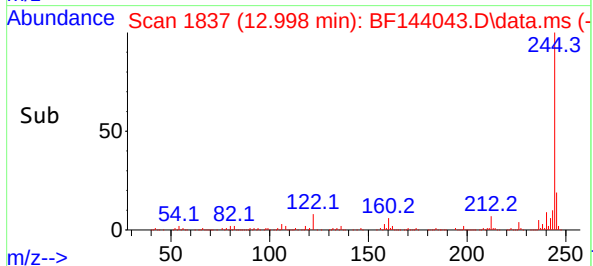
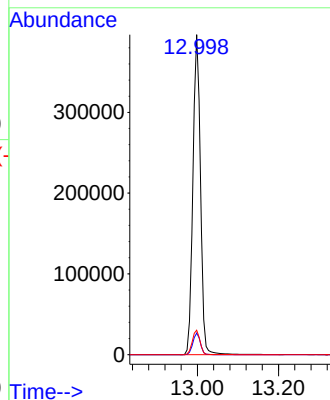
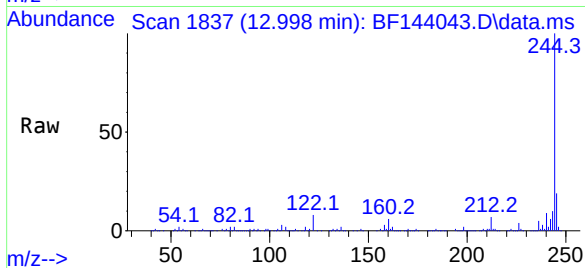
Tgt Ion:244 Resp: 512429

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 7.6 6.4 9.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144043.D

Acq: 22 Oct 2025 15:49

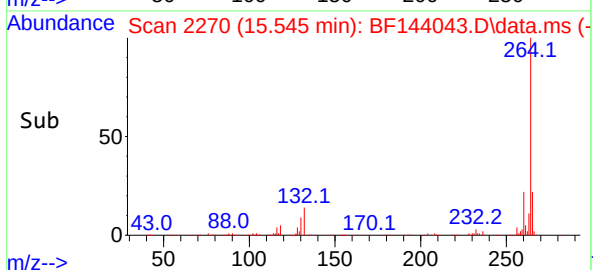
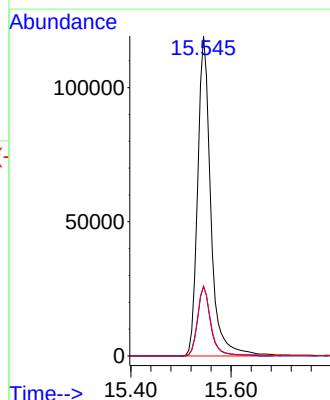
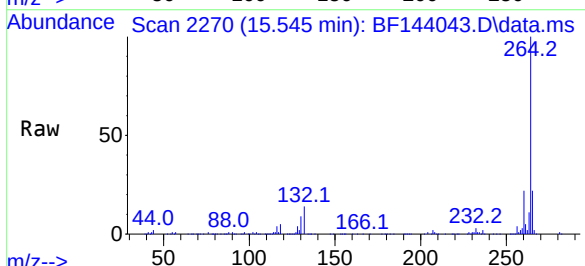
Tgt Ion:264 Resp: 216631

Ion Ratio Lower Upper

264 100

260 21.7 17.8 26.8

265 21.8 17.5 26.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144043.D
 Acq On : 22 Oct 2025 15:49
 Operator : RC/JU
 Sample : Q3399-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFF

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

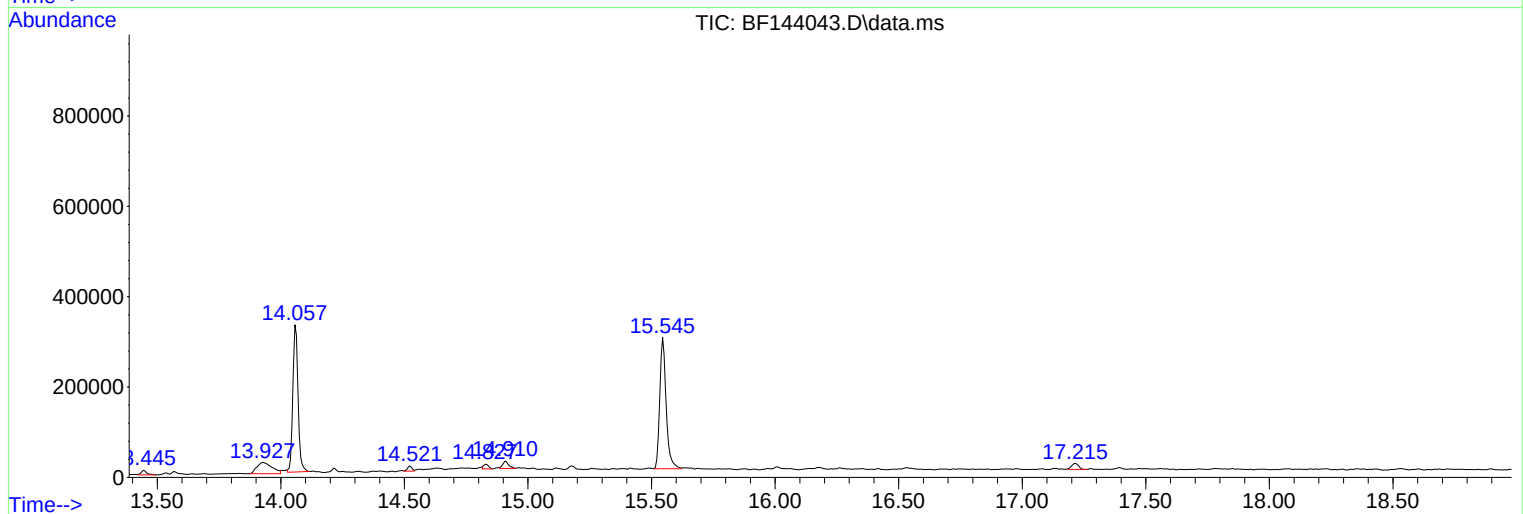
Signal : TIC: BF144043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.099	490	494	507	rVB	19140	31890	2.49%	0.330%
2	5.499	556	562	584	rBV	888562	1228686	95.86%	12.730%
3	6.504	727	733	757	rBV	915750	1243619	97.02%	12.885%
4	6.881	792	797	804	rVB	290870	354786	27.68%	3.676%
5	7.440	886	892	904	rBV	579331	755923	58.98%	7.832%
6	8.163	1010	1015	1034	rBV	324709	427464	33.35%	4.429%
7	9.239	1192	1198	1209	rBV	956883	1281762	100.00%	13.280%
8	9.922	1308	1314	1323	rBV	322249	436553	34.06%	4.523%
9	10.633	1430	1435	1443	rBV	92086	119943	9.36%	1.243%
10	10.710	1443	1448	1471	rVV	552116	783327	61.11%	8.116%
11	11.410	1562	1567	1584	rBV	319903	426726	33.29%	4.421%
12	11.933	1652	1656	1672	rBV2	36994	74810	5.84%	0.775%
13	12.498	1745	1752	1767	rVB10	4974	19395	1.51%	0.201%
14	12.998	1831	1837	1848	rBV	976583	1253694	97.81%	12.989%
15	13.227	1872	1876	1882	rBV4	8605	20494	1.60%	0.212%
16	13.445	1909	1913	1921	rVB3	10198	15498	1.21%	0.161%
17	13.927	1986	1995	2007	rBV8	25140	108025	8.43%	1.119%
18	14.057	2012	2017	2027	rVB	325294	470664	36.72%	4.876%
19	14.521	2092	2096	2099	rBV3	11137	14030	1.09%	0.145%
20	14.827	2146	2148	2153	rVB4	10379	13923	1.09%	0.144%
21	14.910	2158	2162	2169	rVB	16291	26952	2.10%	0.279%
22	15.545	2264	2270	2283	rBV	290570	518197	40.43%	5.369%
23	17.215	2549	2554	2562	rVB9	13381	25692	2.00%	0.266%

Sum of corrected areas: 9652053

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144043.D
Acq On : 22 Oct 2025 15:49
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

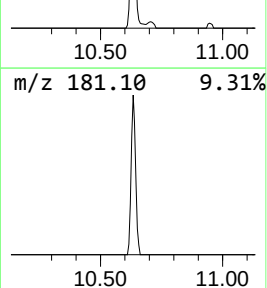
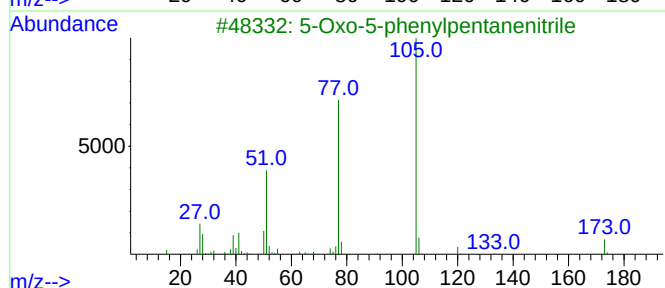
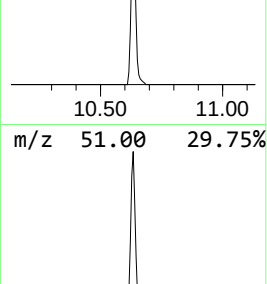
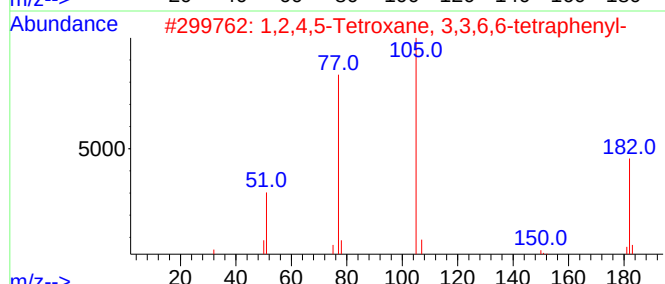
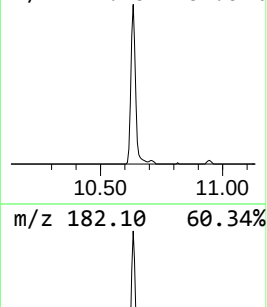
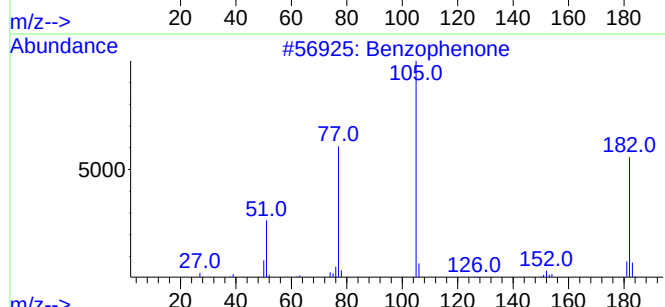
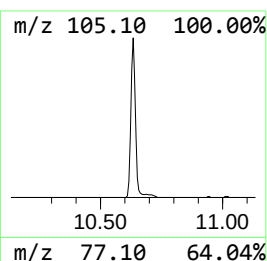
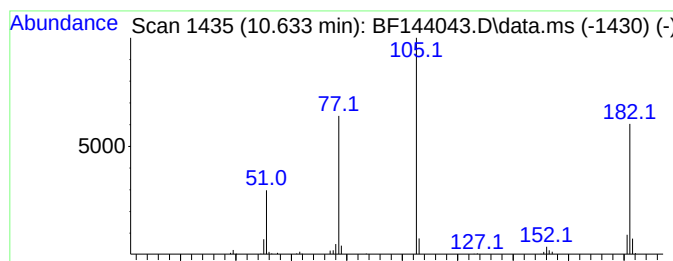
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	5.50 ng	119943	Acenaphthene-d10	9.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	94
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	59
3			5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47
4			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5			Benzopinacol	366	C26H22O2	000464-72-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144043.D
Acq On : 22 Oct 2025 15:49
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

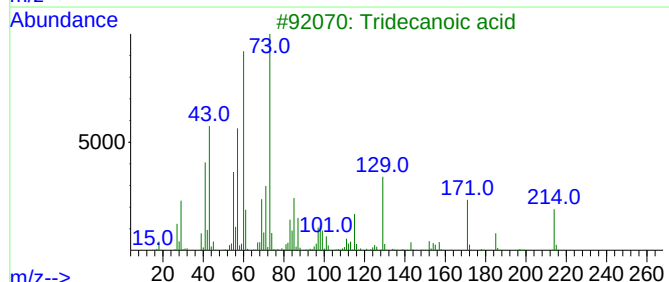
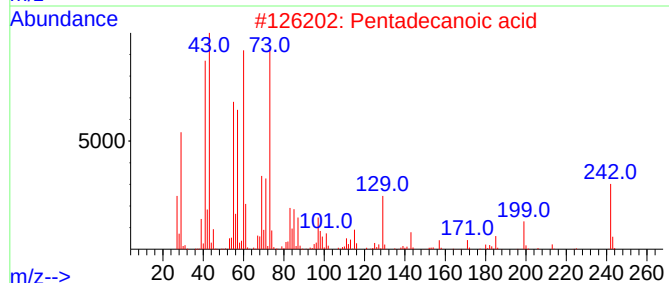
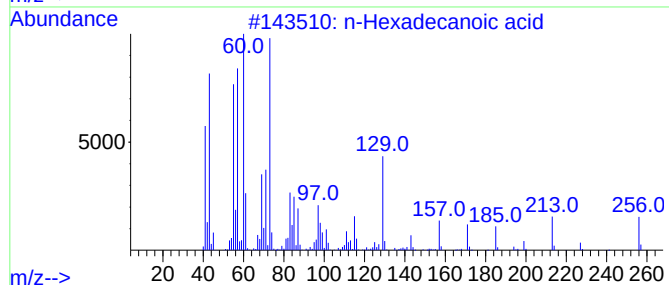
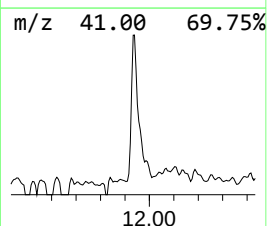
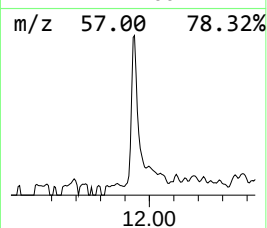
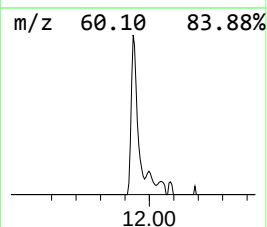
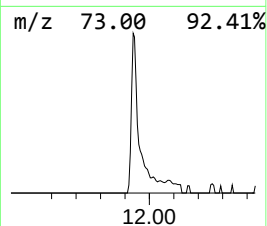
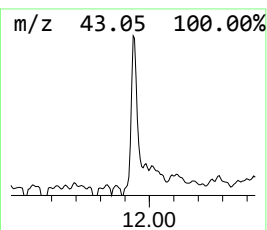
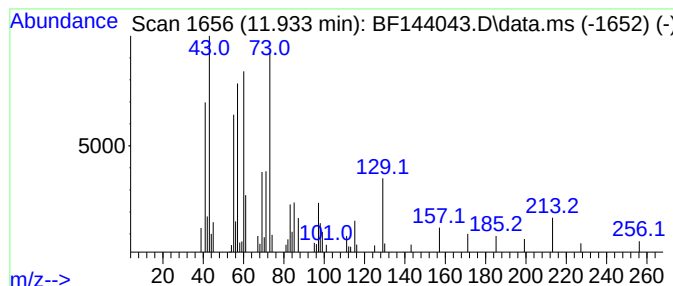
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.51 ng	74810	Phenanthrene-d10	11.410

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Nonanoic acid	158	C9H18O2	000112-05-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144043.D
Acq On : 22 Oct 2025 15:49
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

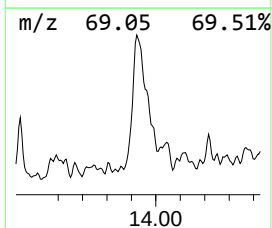
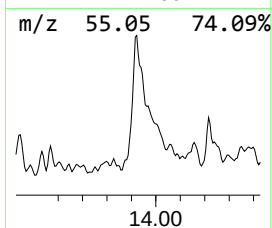
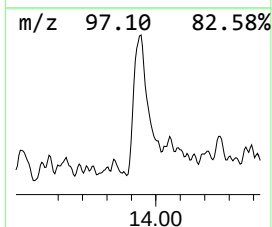
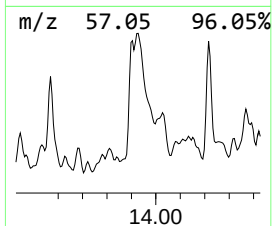
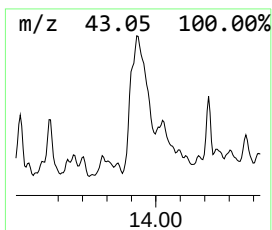
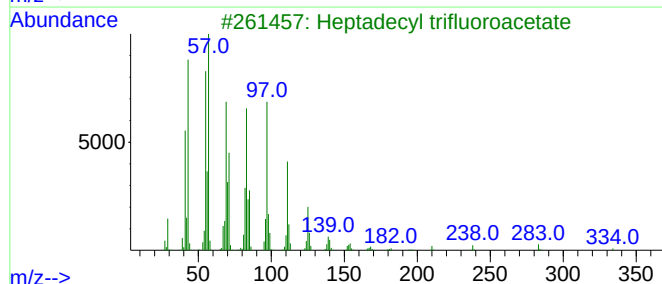
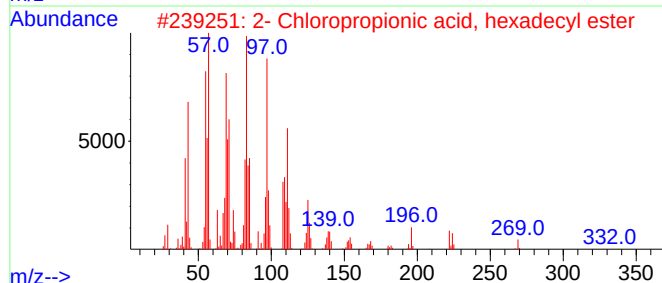
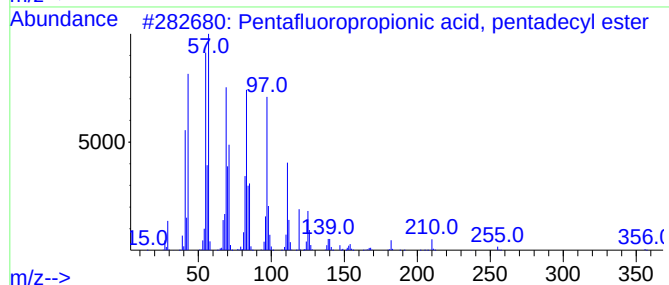
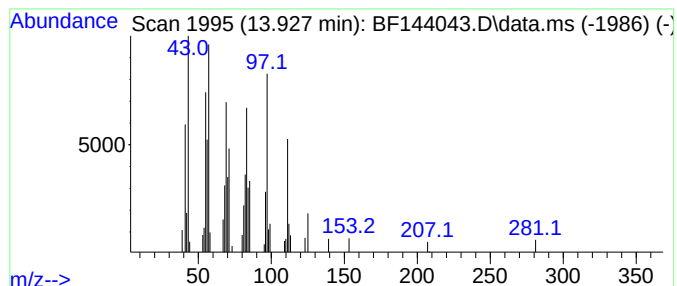
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.927	4.59 ng	108025	Chrysene-d12	14.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
2			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
3			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	87
4			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
5			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144043.D
Acq On : 22 Oct 2025 15:49
Operator : RC/JU
Sample : Q3399-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFF

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	5.5	ng	119943	3	9.922	436553	20.0
n-Hexadecanoic ...	11.933	3.5	ng	74810	4	11.410	426726	20.0
Pentafluoroprop...	13.927	4.6	ng	108025	5	14.057	470664	20.0



CALIBRATION SUMMARY

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ICES02Lab Code: ACESDG No.: Q3399Instrument 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: ICES02Lab Code: ACESDG No.: Q3399Instrument 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: ICES02Lab Code: ACESDG No.: Q3399Instrument 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	0.893	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	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	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	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	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	0.093	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

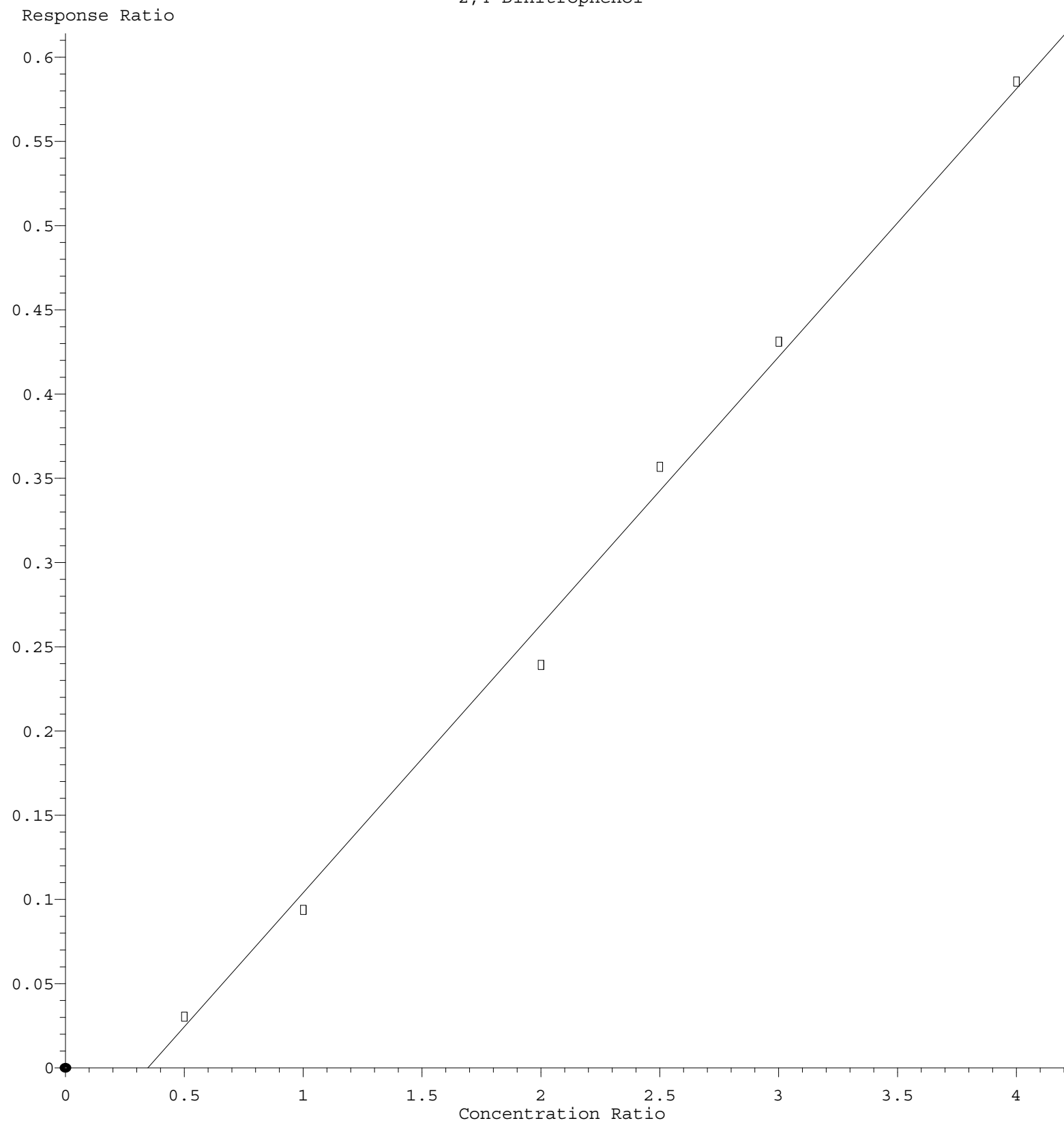
39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38	
41) P	Hexachlorocycl...	0.182	0.216	0.257	0.246	0.240	0.235	0.229		11.77	
42) S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51	
43) C	2,4,6-Trichlor...	0.408	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

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

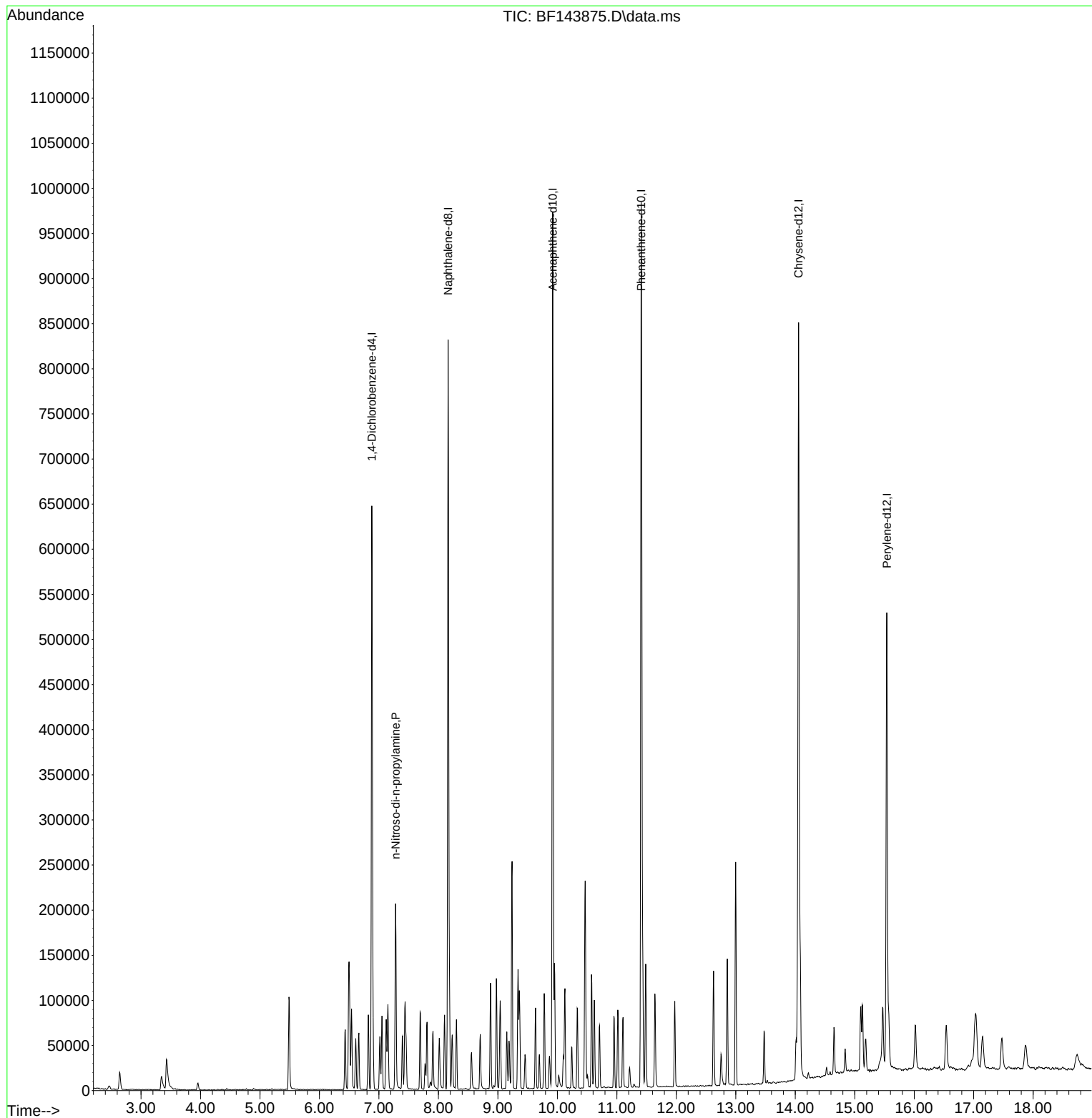
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	128129	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	501174	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	285618	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	520523	20.000	ng	0.00
76) Chrysene-d12	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

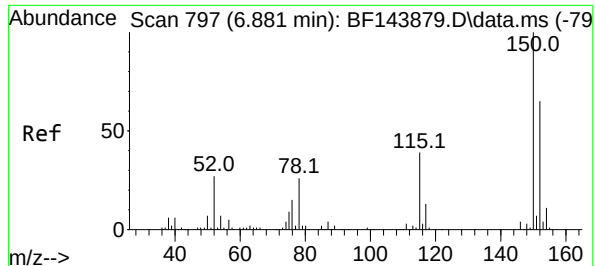
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

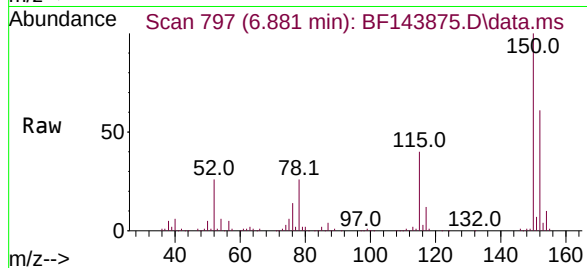
Quant Time: Oct 06 15:37:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



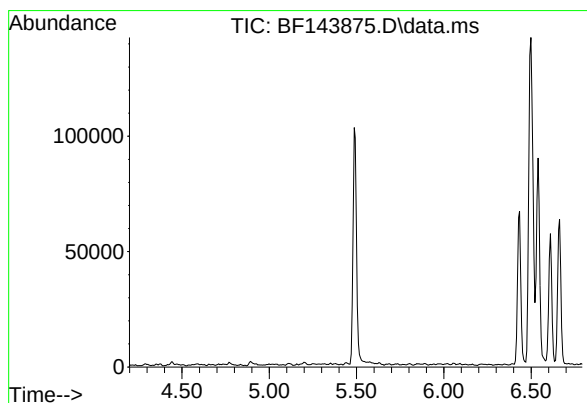
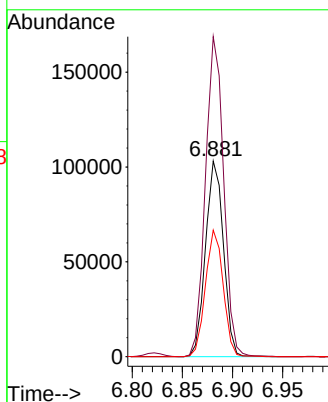
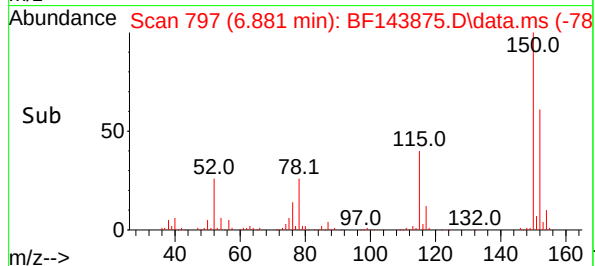


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



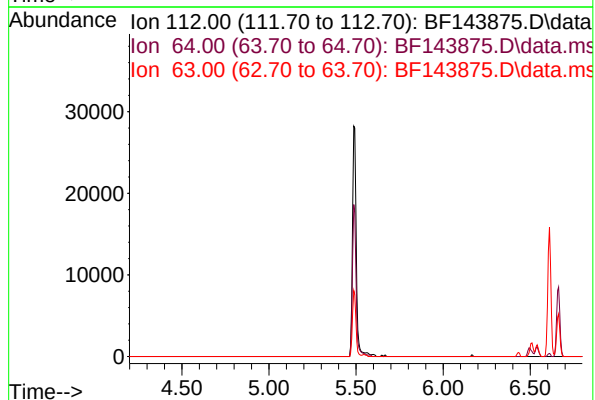
Tgt Ion:152 Resp: 128129
Ion Ratio Lower Upper
152 100
150 163.6 124.4 186.6
115 64.7 48.1 72.1

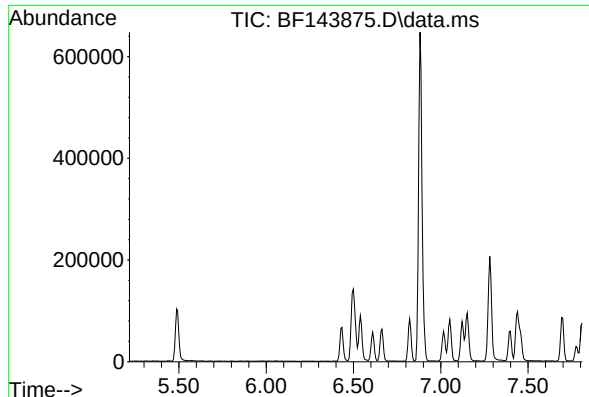


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min

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

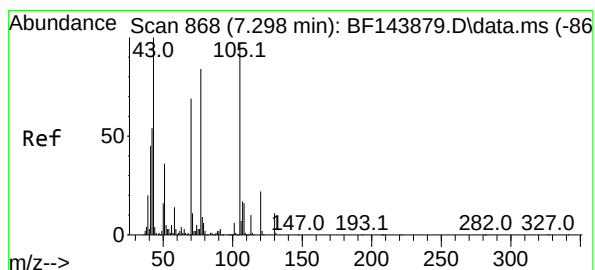
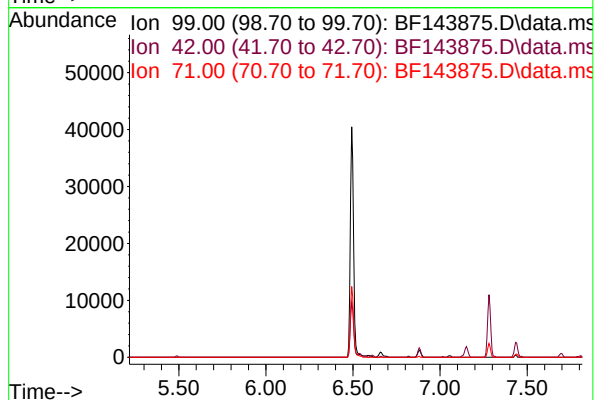
Tgt Ion: 99

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

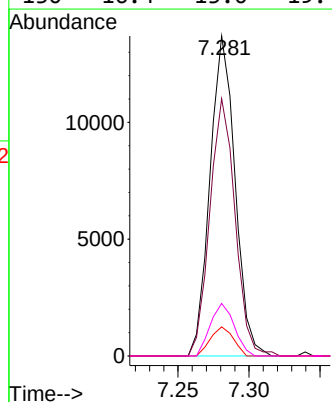
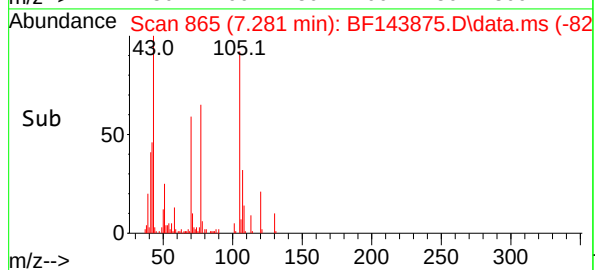
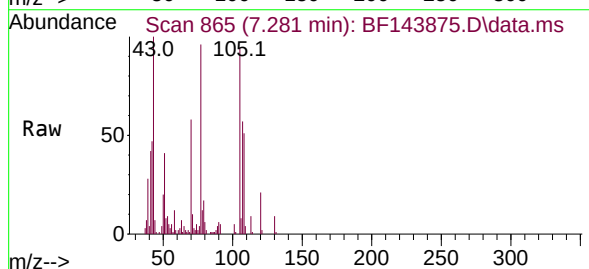
Ion Ratio Lower Upper

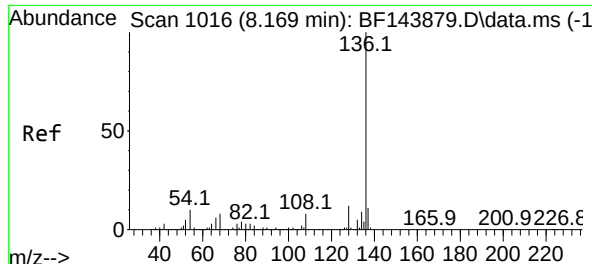
70 100

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

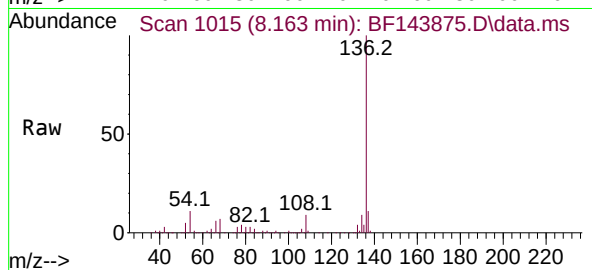
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 501174

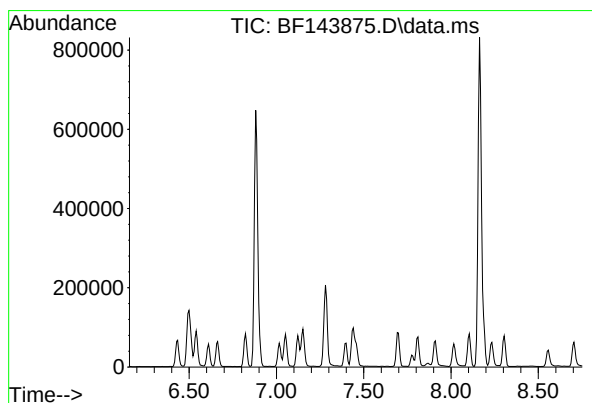
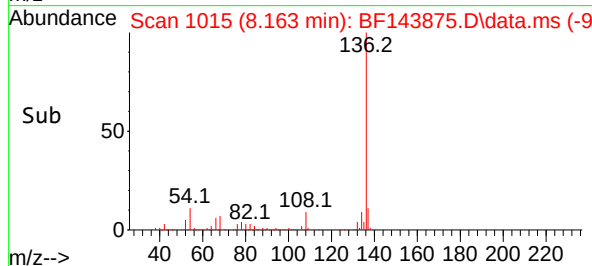
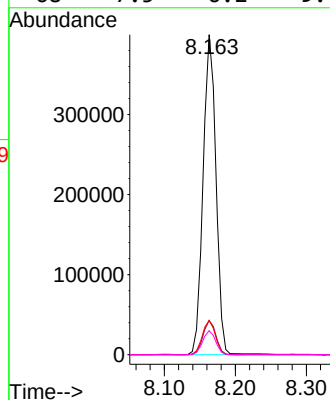
Ion Ratio Lower Upper

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

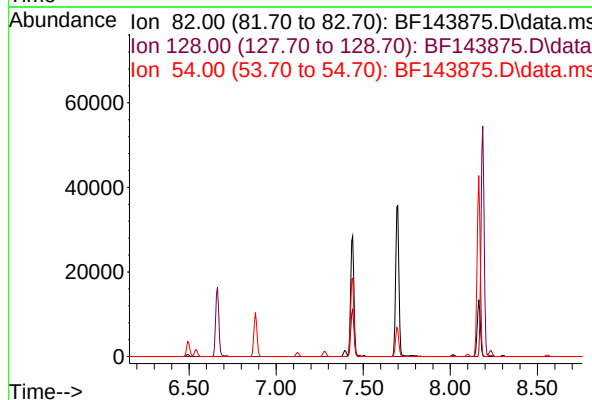
Tgt Ion: 82

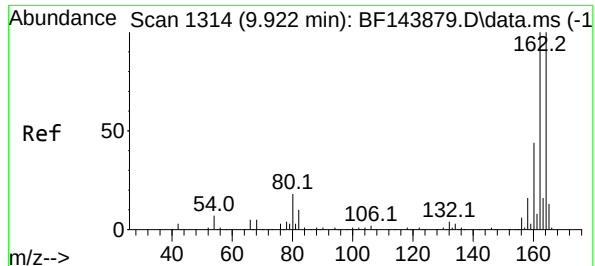
Sig Exp Ratio

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

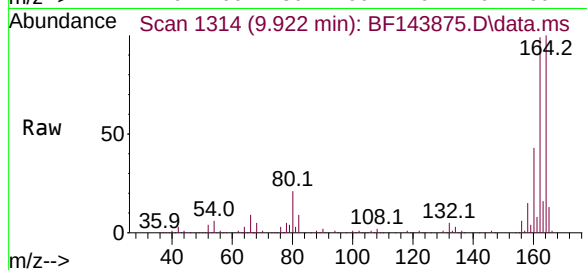
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



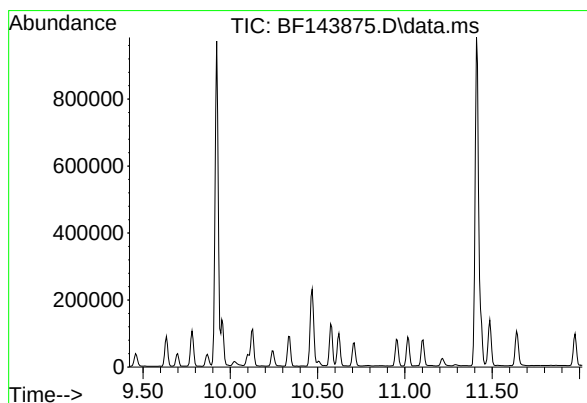
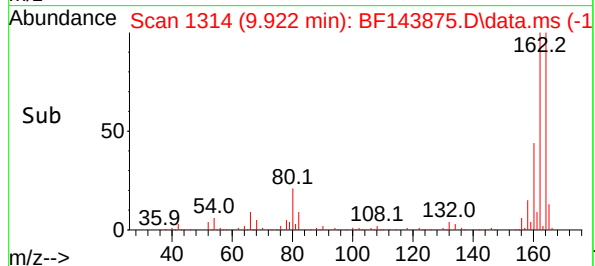
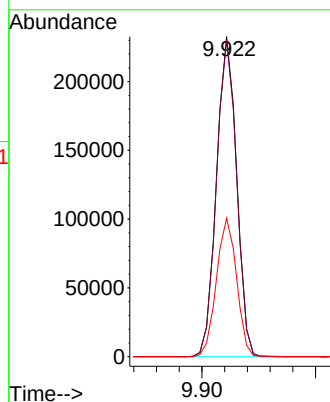
Tgt Ion:164 Resp: 285618

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

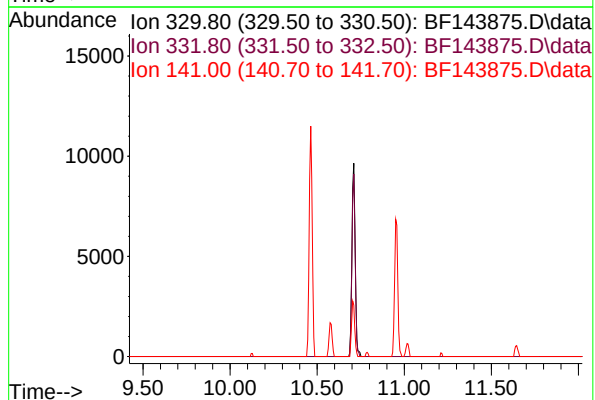
Tgt Ion: 330

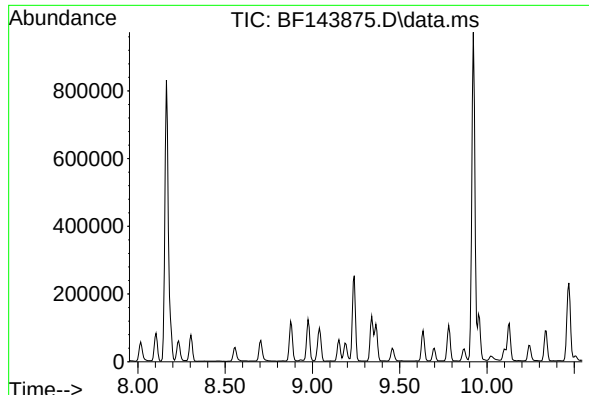
Sig Exp Ratio

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

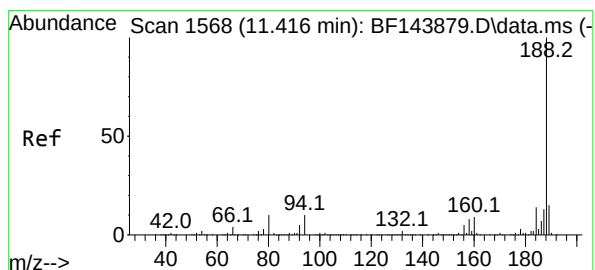
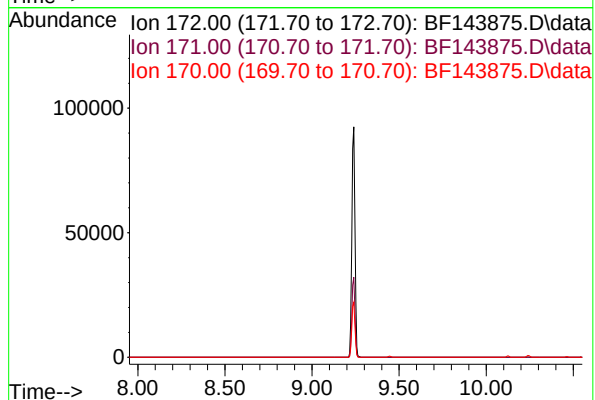
Tgt Ion: 172

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

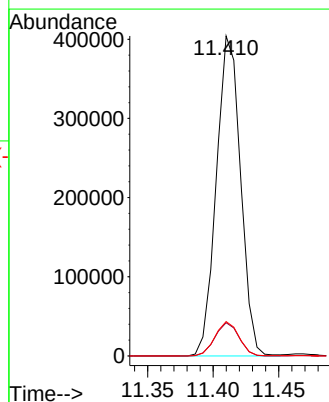
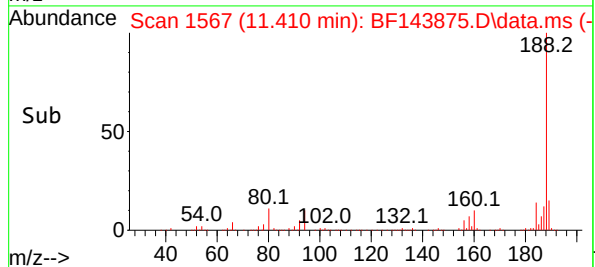
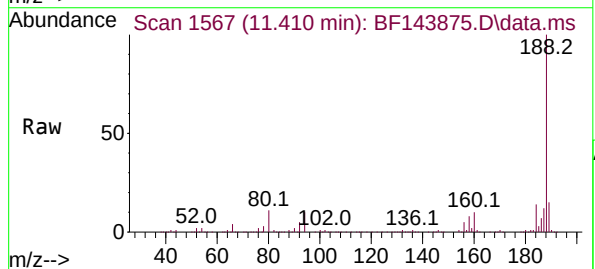
Tgt Ion:188 Resp: 520523

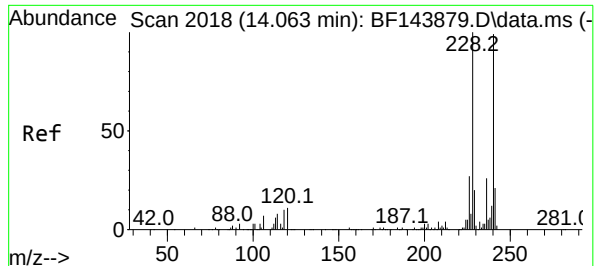
Ion Ratio Lower Upper

188 100

94 10.4 7.8 11.6

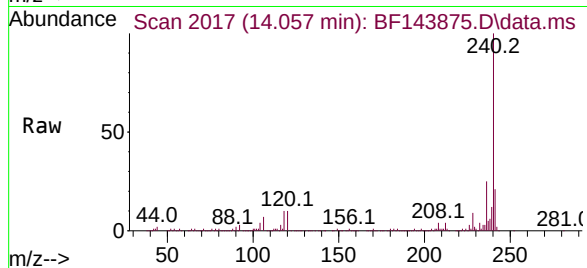
80 10.7 7.9 11.9



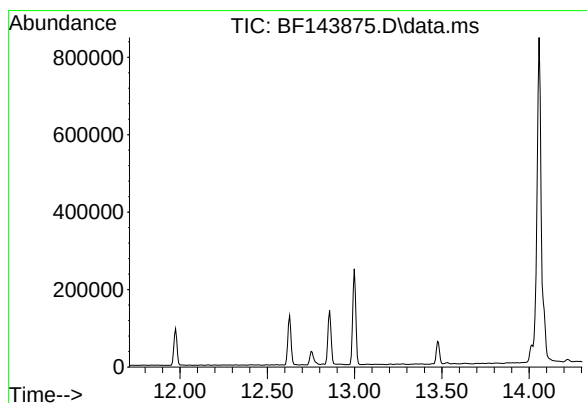
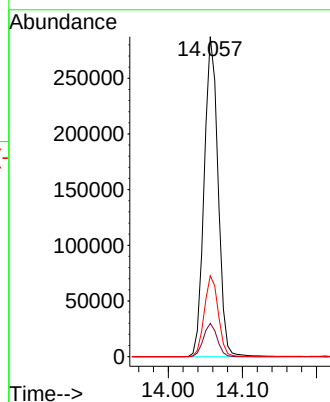
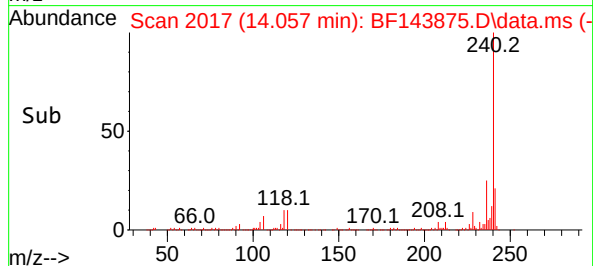


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



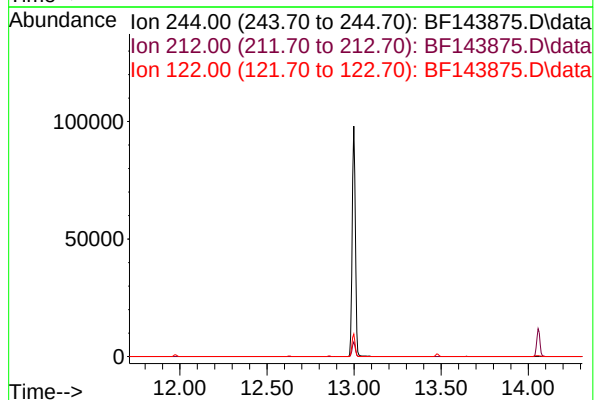
Tgt Ion:240 Resp: 373433
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.3 21.1 31.7



#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.01 min

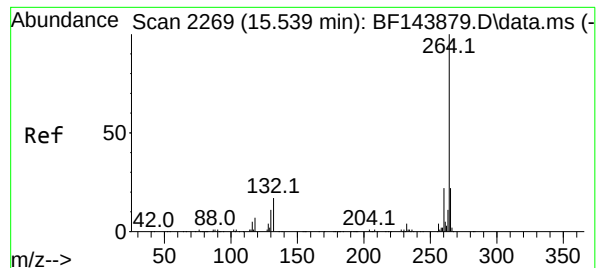
Lab File: BF143875.D
Acq: 06 Oct 2025 09:59

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

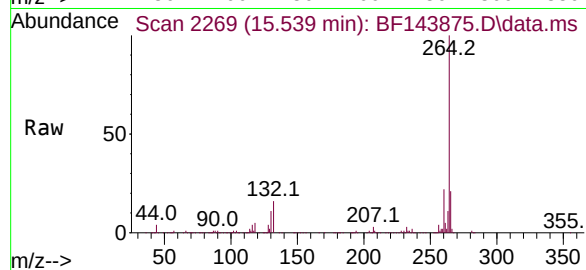
Acq: 06 Oct 2025 09:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



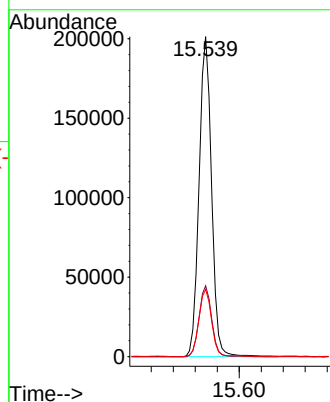
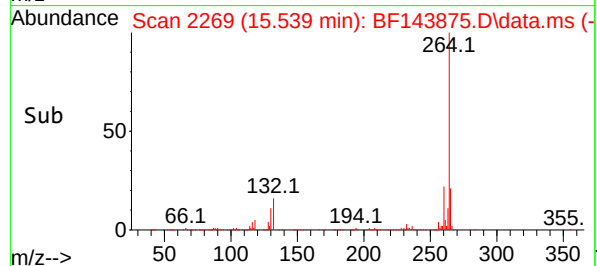
Tgt Ion:264 Resp: 316147

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

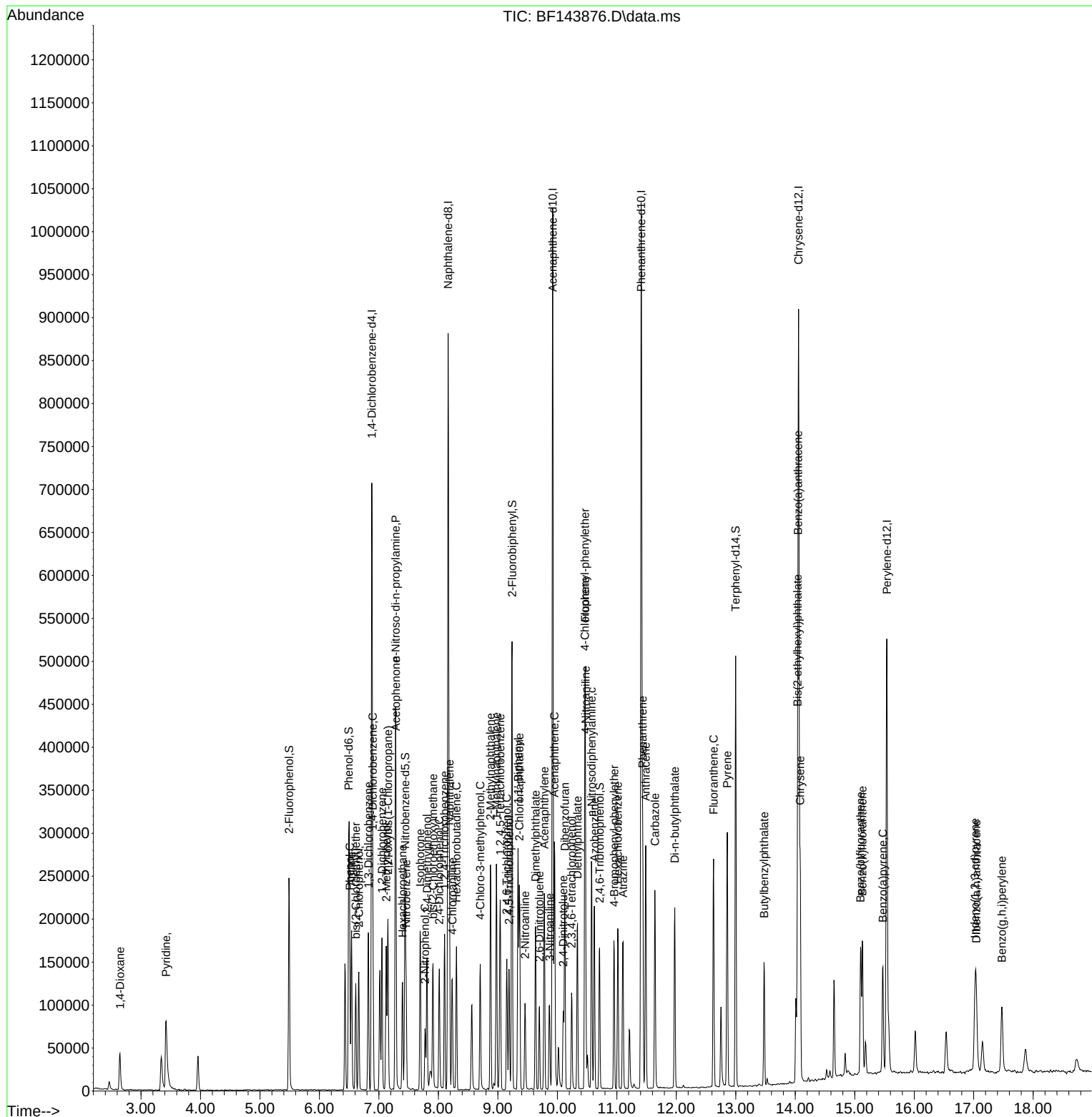
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143876.D
Acq On : 06 Oct 2025 10:28
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

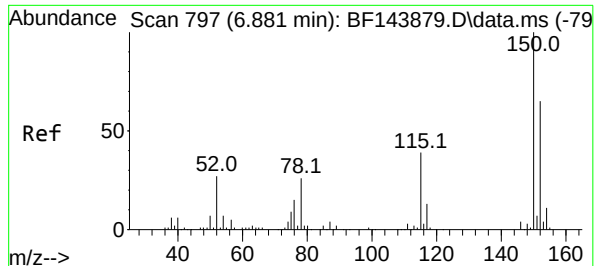
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jaagrut Upadhyay 10/07/2025

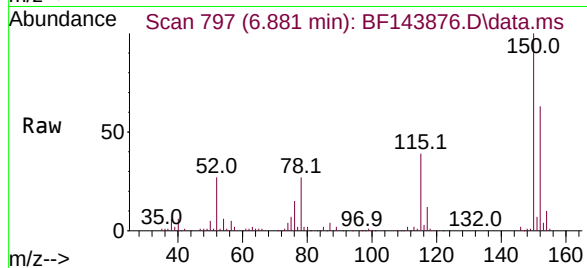
Quant Time: Oct 06 16:14:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#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

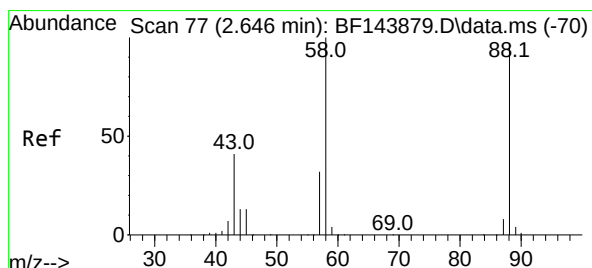
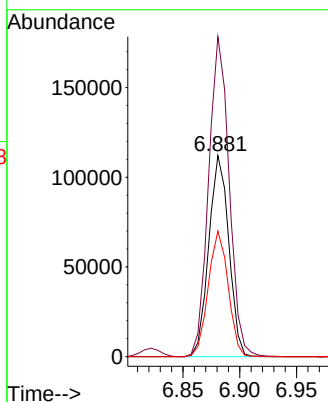
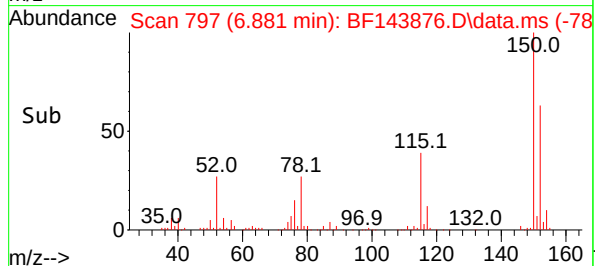
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

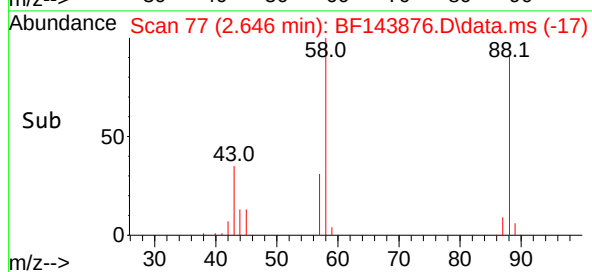
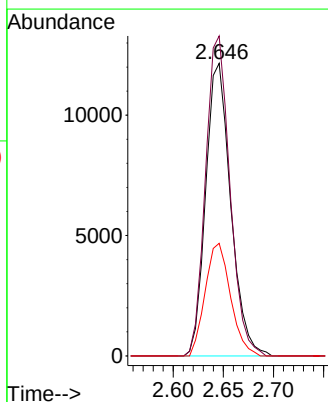
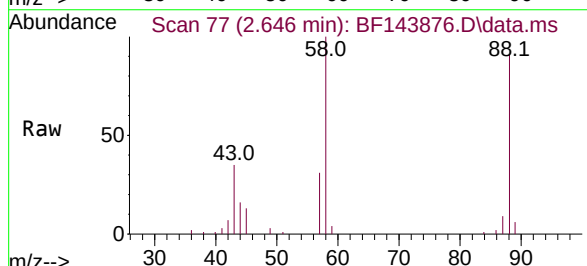
Manual Integrations
APPROVED

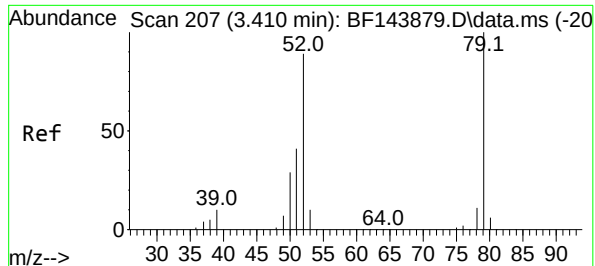
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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# 207

Delta R.T. 0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

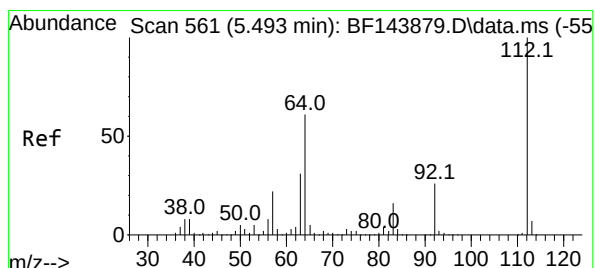
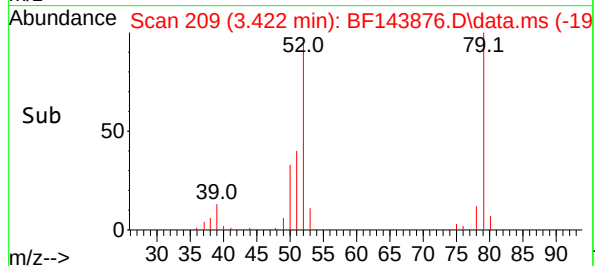
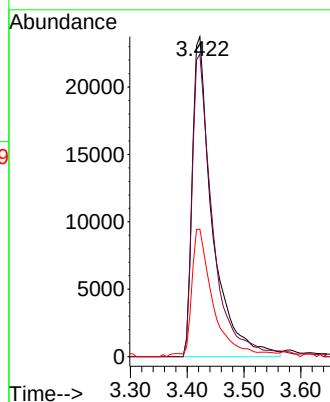
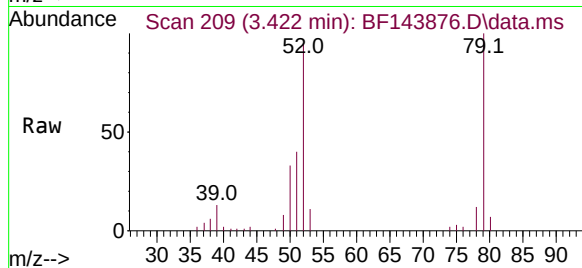
Tgt Ion:	79	Resp:	58179
Ion	Ratio	Lower	Upper
79	100		
52	94.5	71.5	107.3
51	39.8	32.9	49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#5

2-Fluorophenol

Concen: 10.942 ng

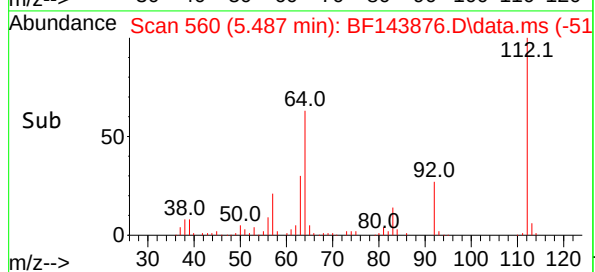
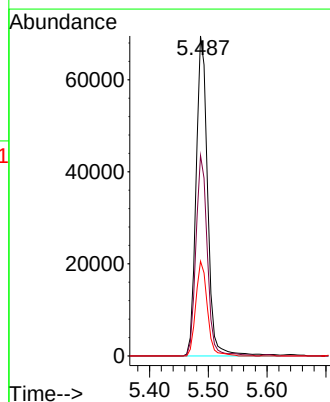
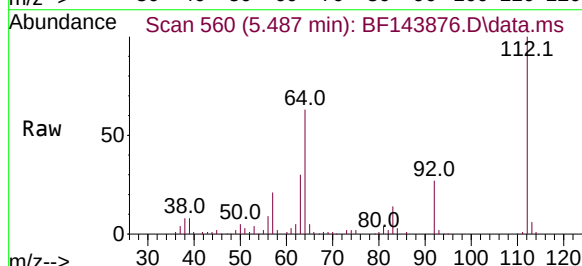
RT: 5.487 min Scan# 560

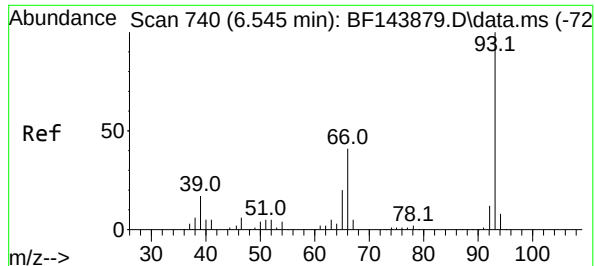
Delta R.T. -0.012 min

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





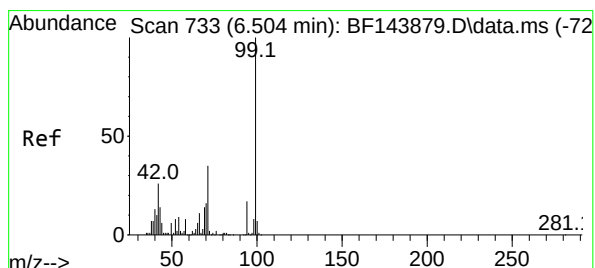
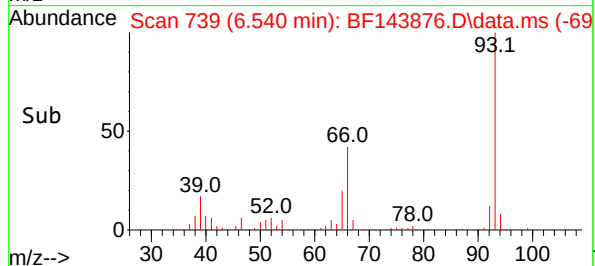
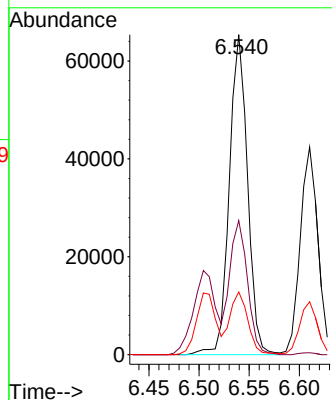
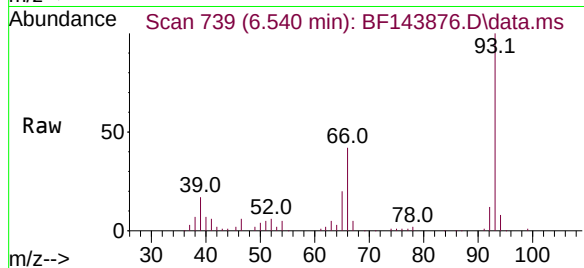
#6
Aniline
Concen: 5.335 ng
RT: 6.540 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

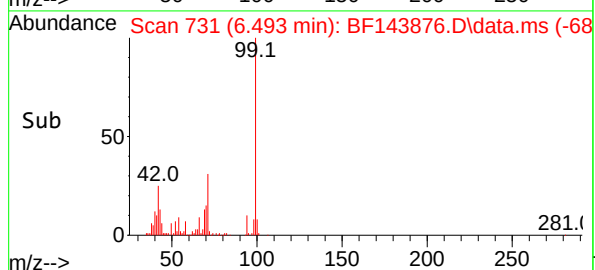
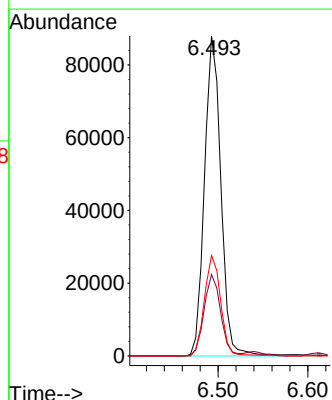
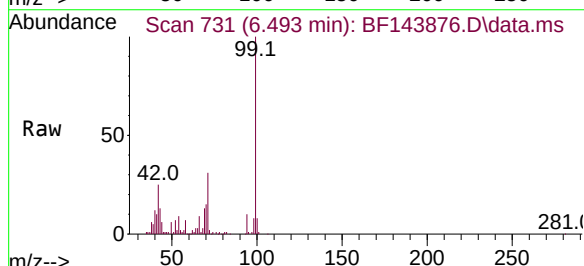
Manual Integrations
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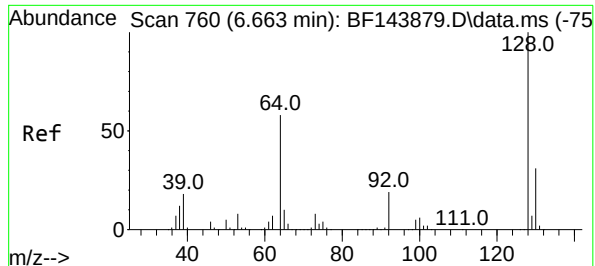
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

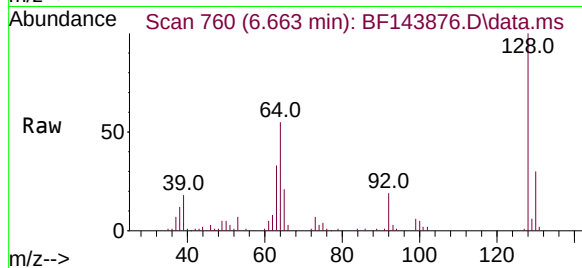
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



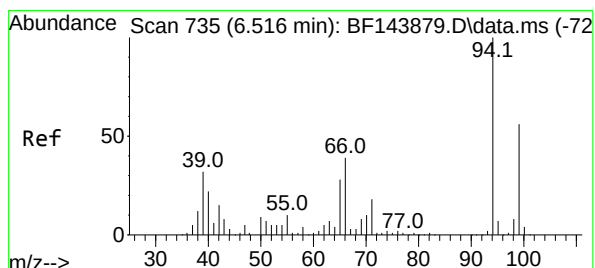
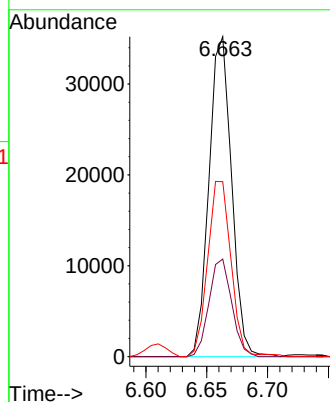
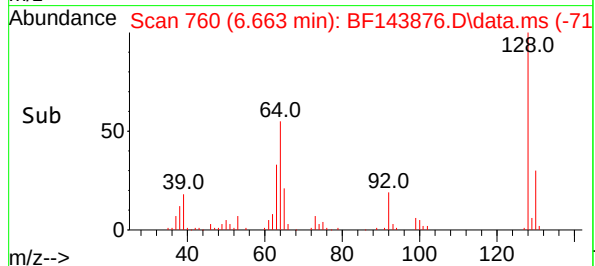
Tgt Ion:	128	Resp:	45534
Ion Ratio	Lower	Upper	
128	100		
130	30.5	10.7	50.7
64	54.7	39.0	79.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#10

Phenol

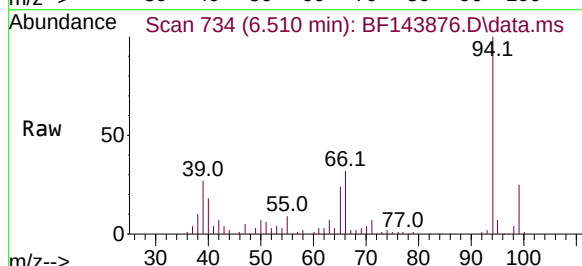
Concen: 5.388 ng m

RT: 6.510 min Scan# 734

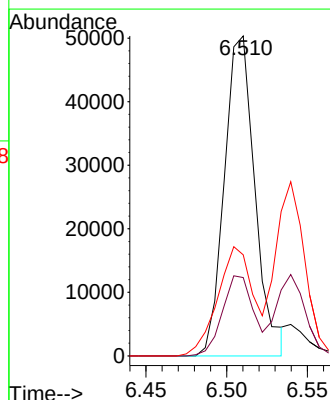
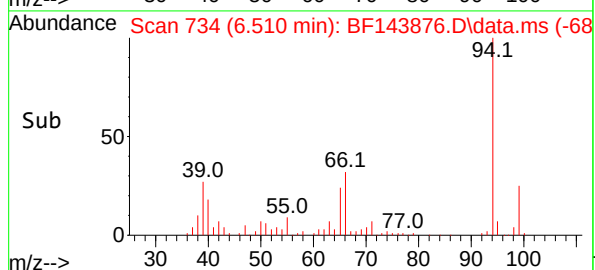
Delta R.T. -0.023 min

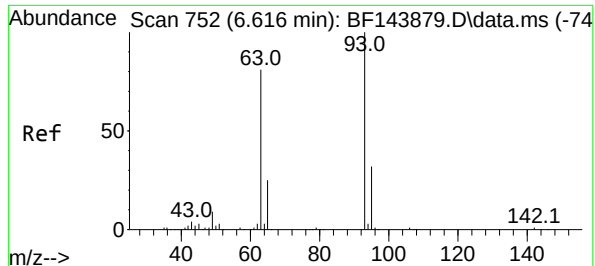
Lab File: BF143876.D

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





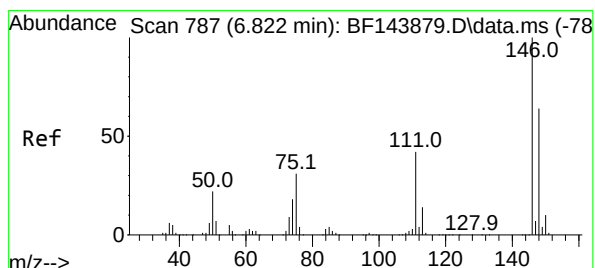
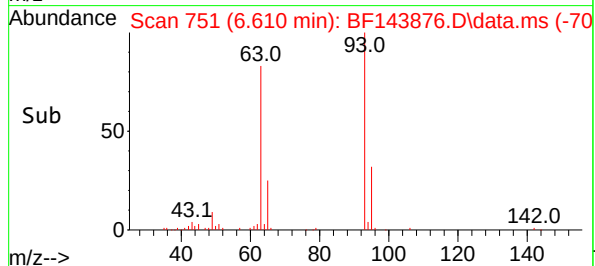
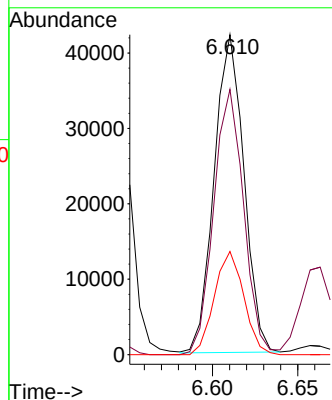
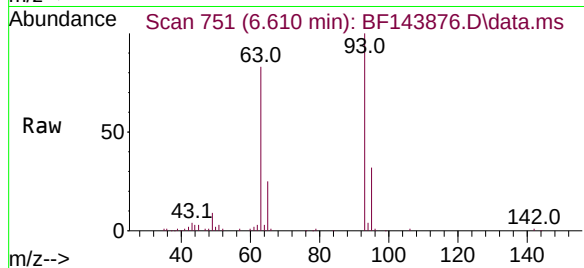
#11
bis(2-Chloroethyl)ether
Concen: 5.364 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.017 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

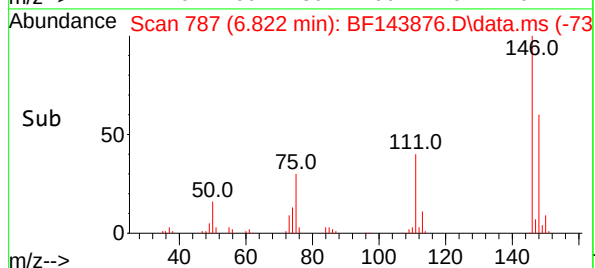
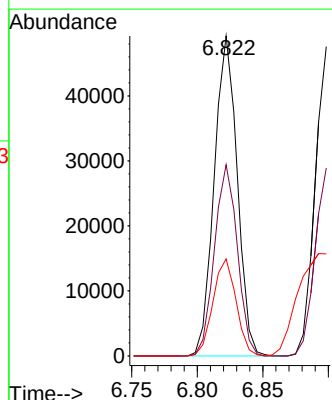
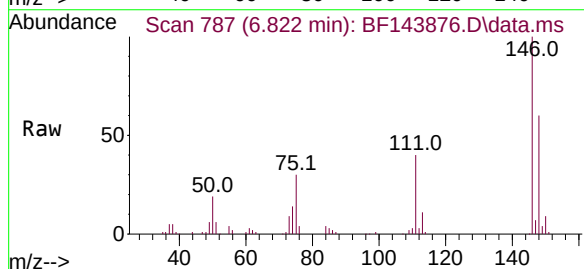
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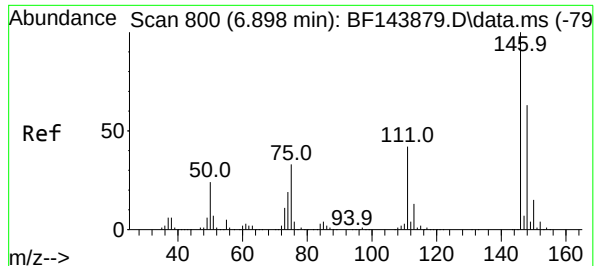
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

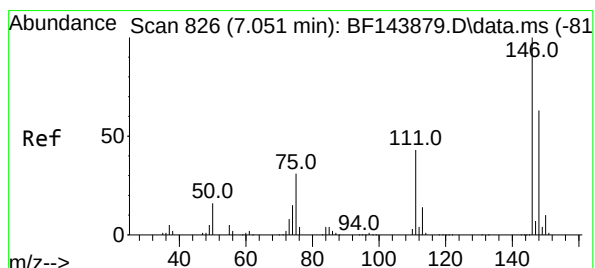
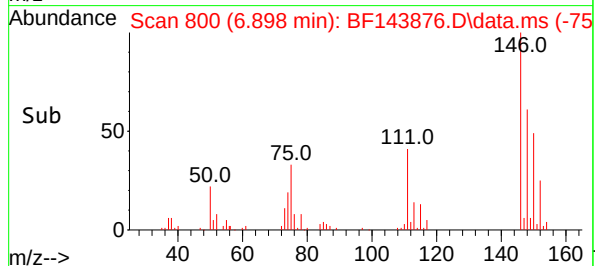
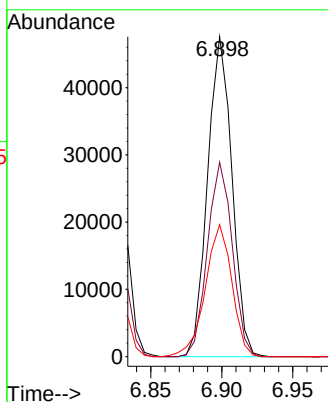
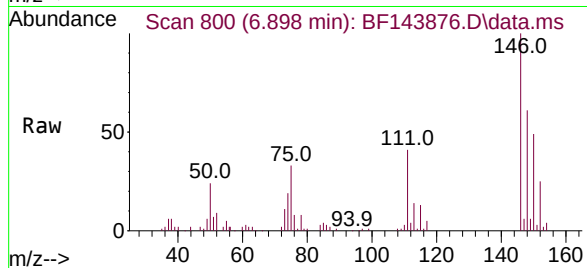
111 41.2 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

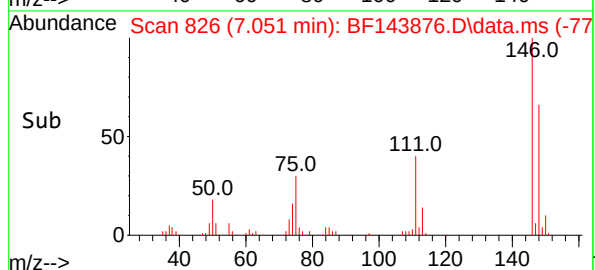
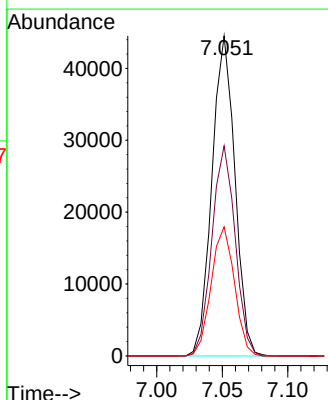
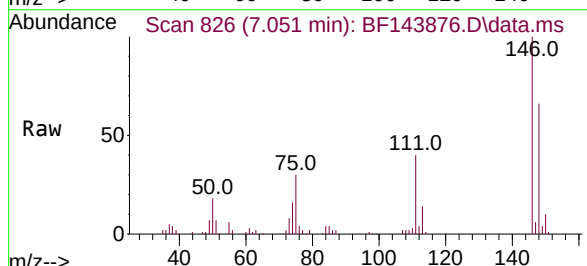
Tgt Ion:146 Resp: 54371

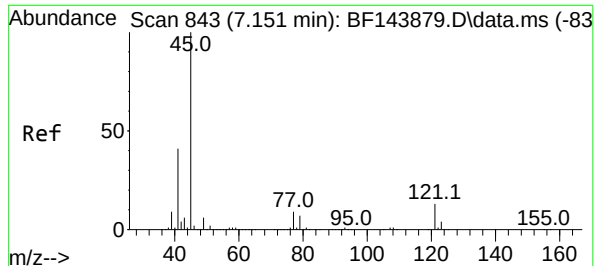
Ion Ratio Lower Upper

146 100

148 65.6 50.6 75.8

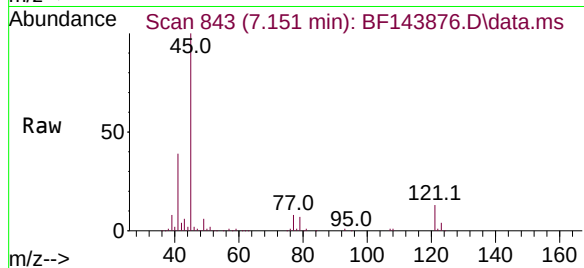
111 40.3 34.6 51.8





#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

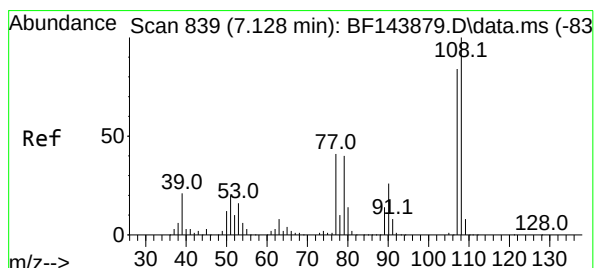
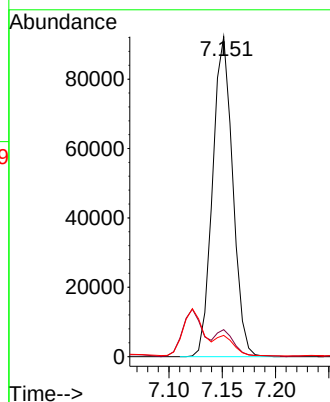
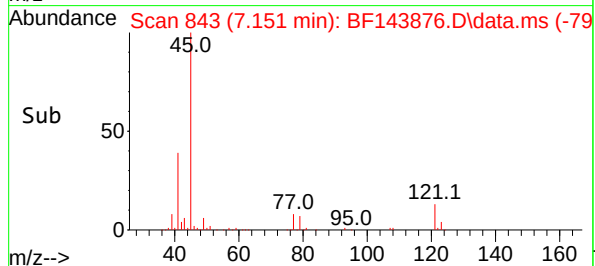
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

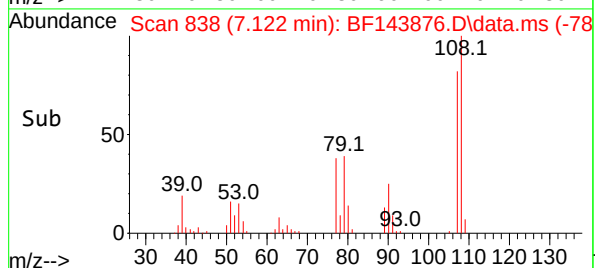
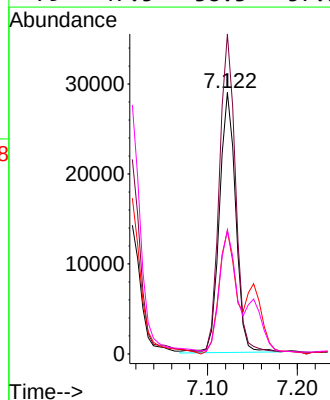
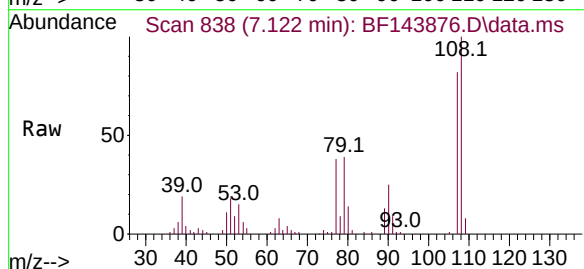
Manual Integrations
APPROVED

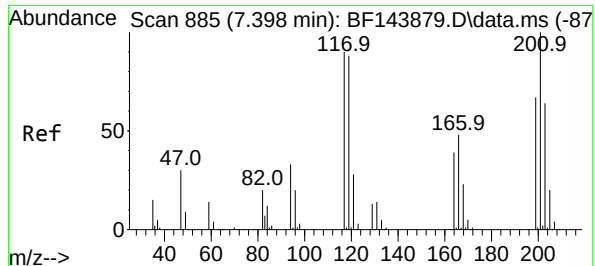
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

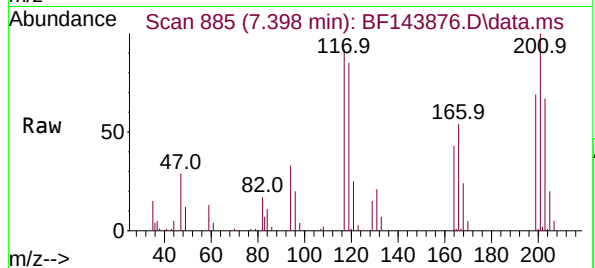
Tgt Ion:107 Resp: 36595
Ion Ratio Lower Upper
107 100
108 122.4 94.7 142.1
77 47.0 38.8 58.2
79 47.5 38.3 57.5





#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

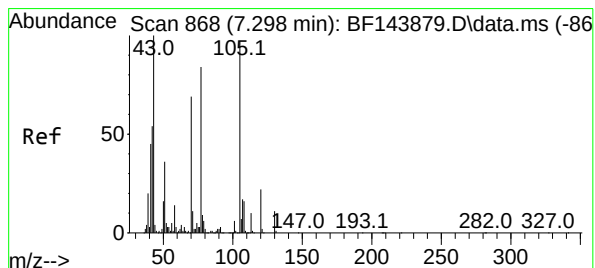
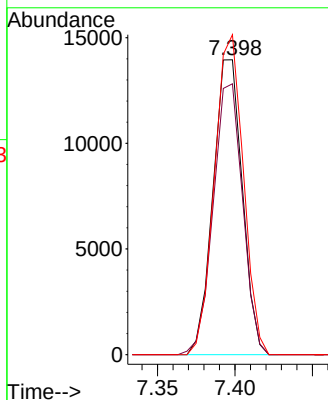
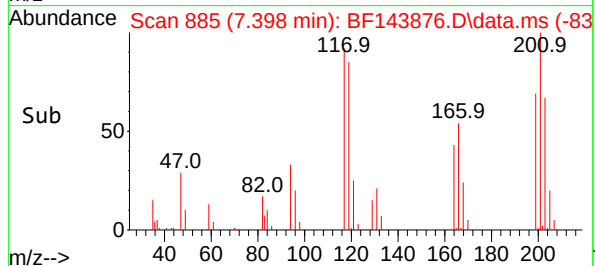
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

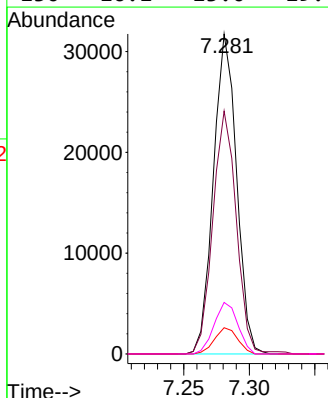
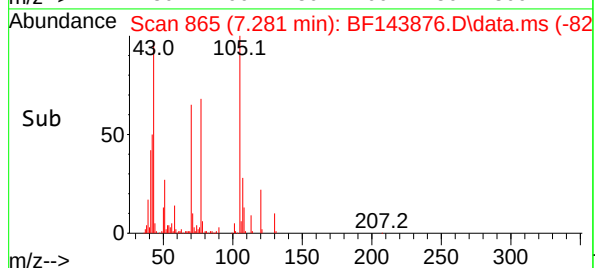
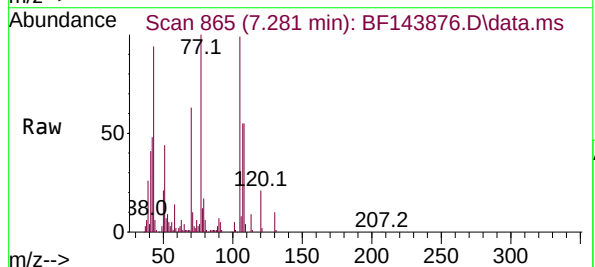
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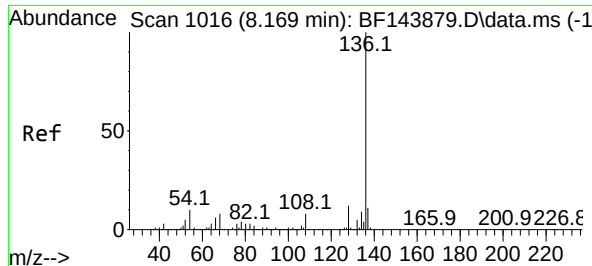
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

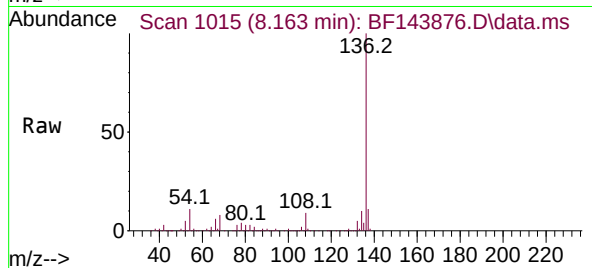
Tgt Ion: 70 Resp: 39050
Ion Ratio Lower Upper
70 100
42 75.9 62.8 94.2
101 8.2 6.7 10.1
130 16.1 13.0 19.4





#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

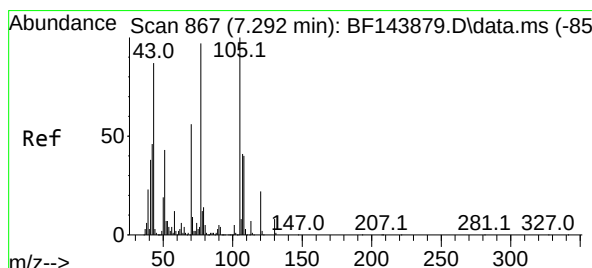
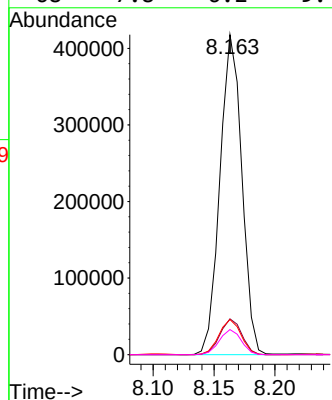
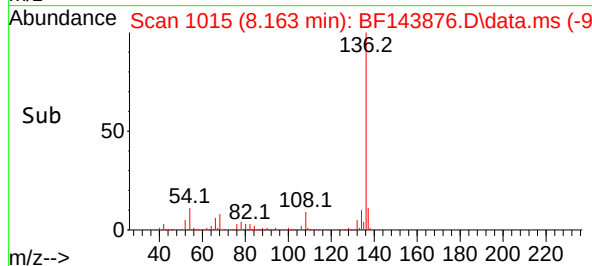
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

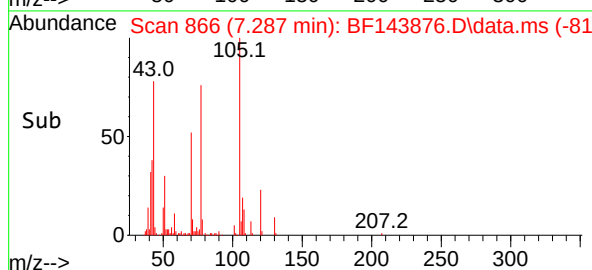
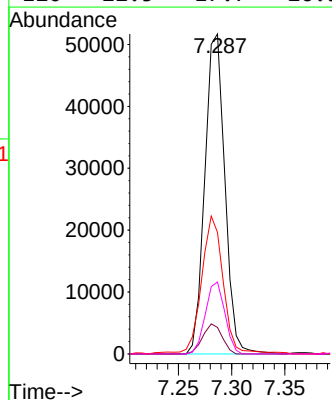
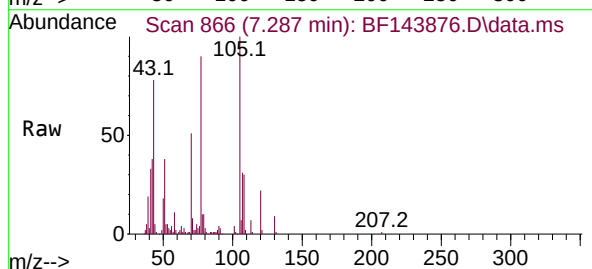
Manual Integrations
APPROVED

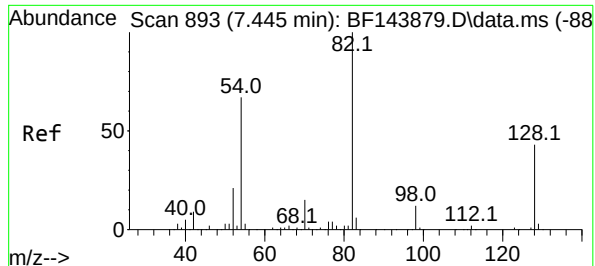
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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 :

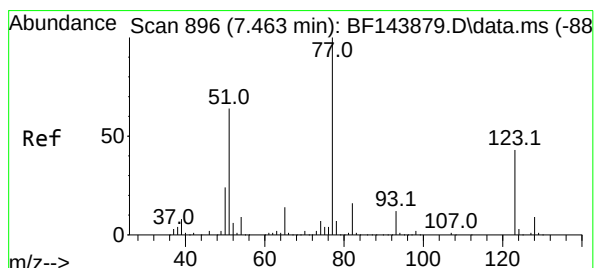
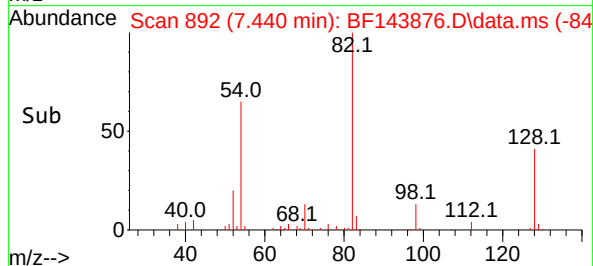
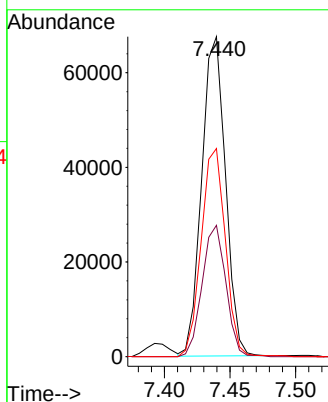
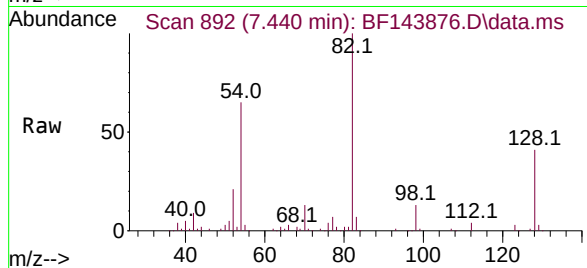
SSTDICC005

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

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#24

Nitrobenzene

Concen: 5.054 ng

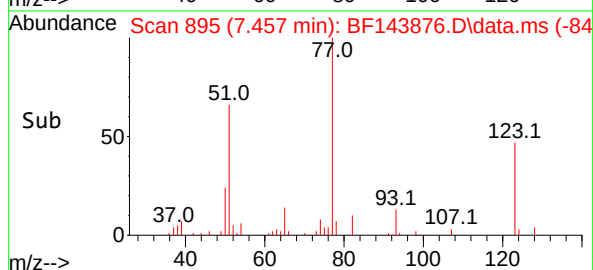
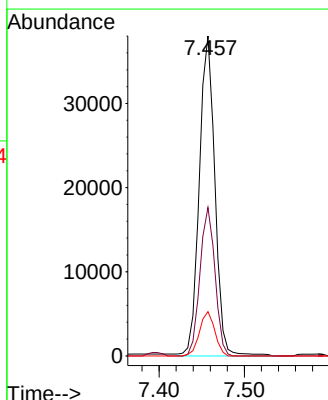
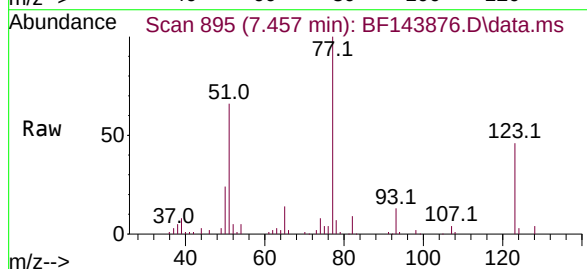
RT: 7.457 min Scan# 895

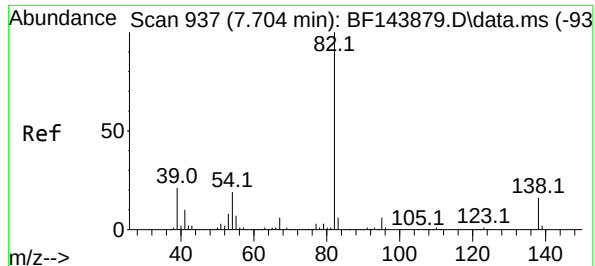
Delta R.T. -0.017 min

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 :

SSTDIC005

Tgt Ion: 82 Resp: 9876

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

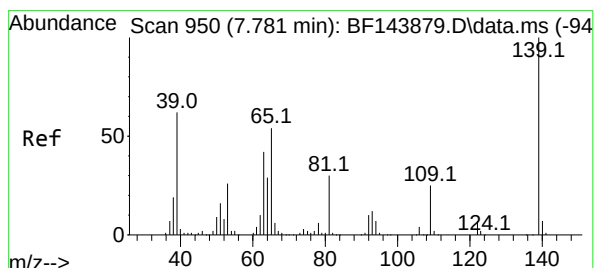
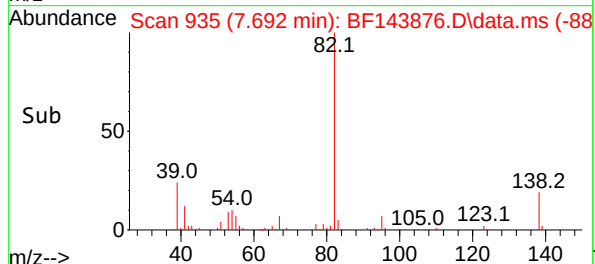
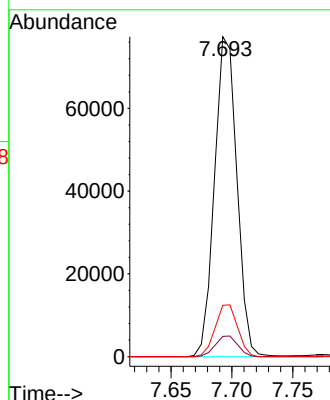
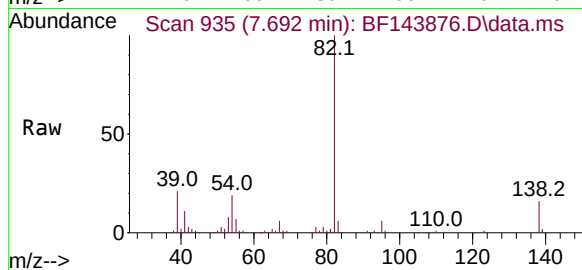
138 16.0 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

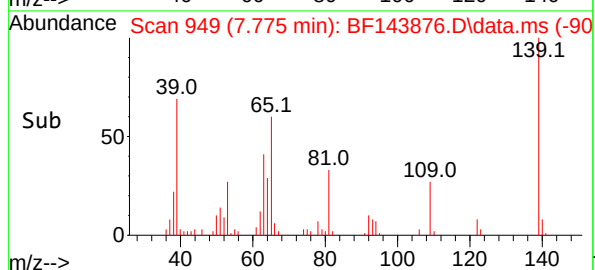
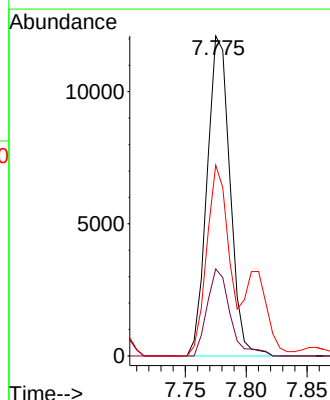
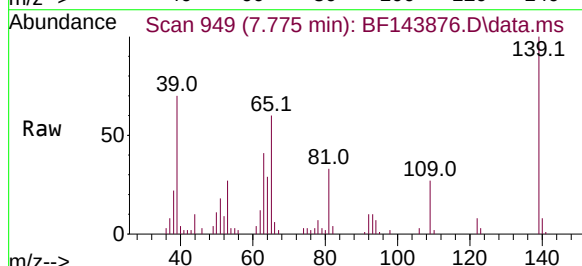
Tgt Ion:139 Resp: 15870

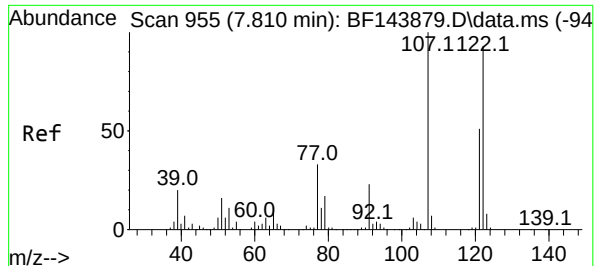
Ion Ratio Lower Upper

139 100

109 27.2 19.8 29.6

65 59.6 42.9 64.3





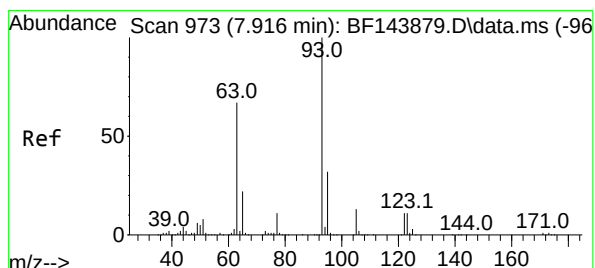
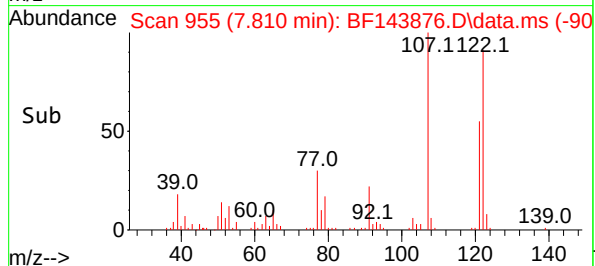
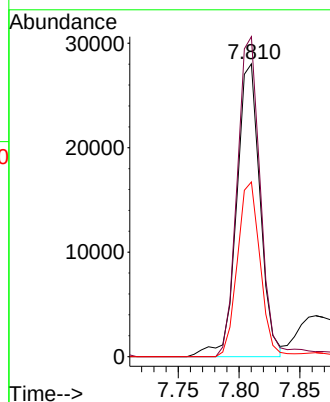
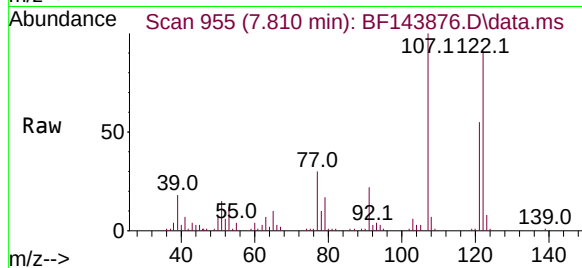
#27
2,4-Dimethylphenol
Concen: 5.095 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

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

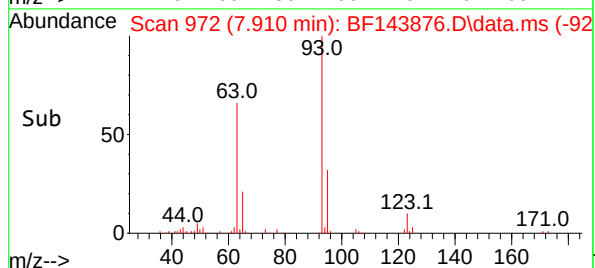
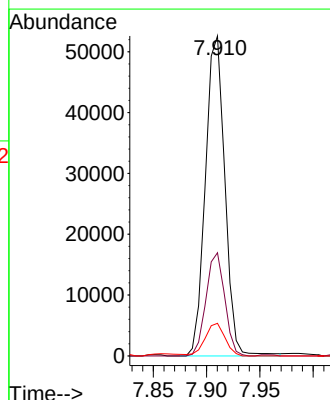
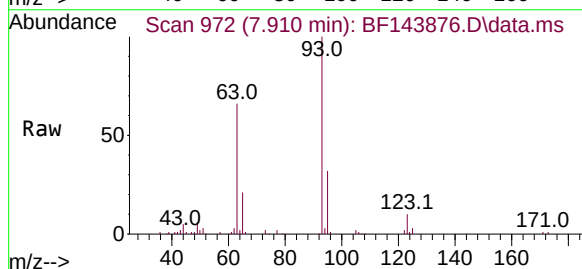
Manual Integrations
APPROVED

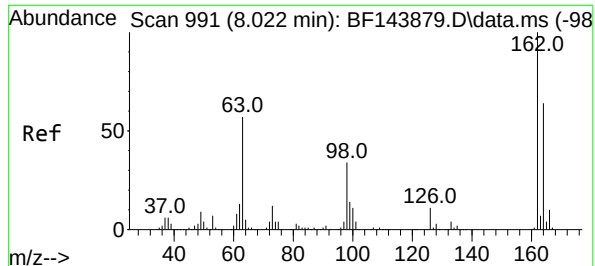
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

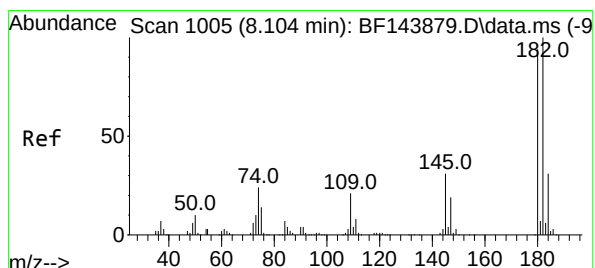
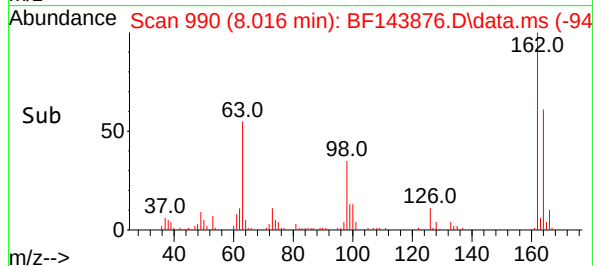
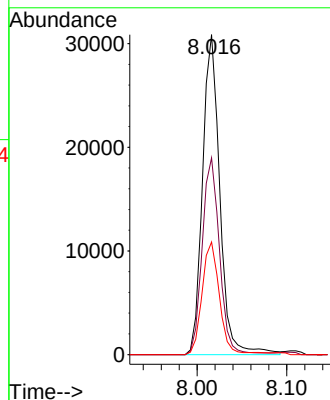
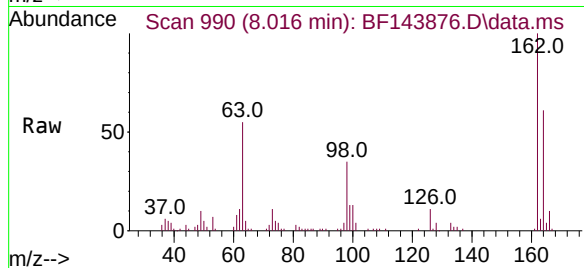
Tgt Ion	162	164	98
Resp:	41484		
Ratio	100	61.5	35.2
Lower		43.9	14.4
Upper		83.9	54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.722 ng

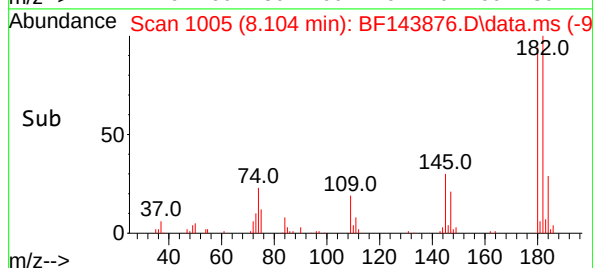
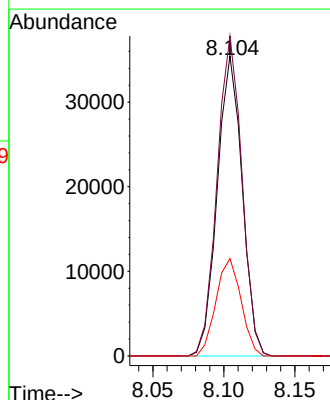
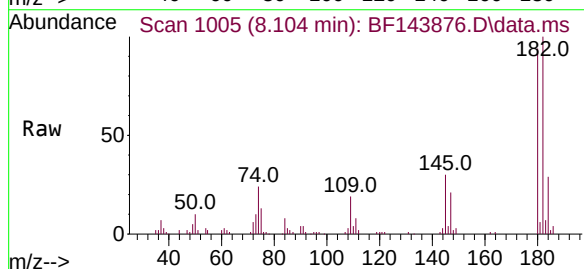
RT: 8.104 min Scan# 1005

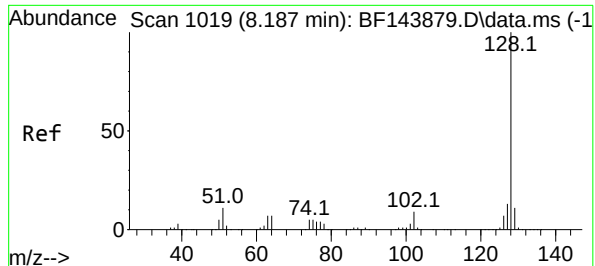
Delta R.T. -0.006 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

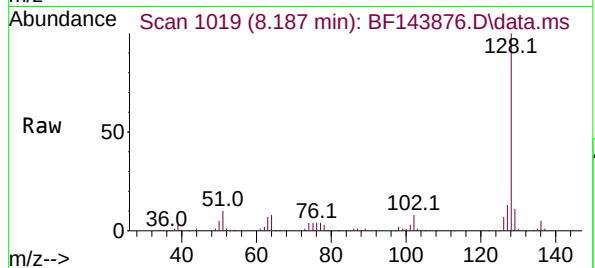
Tgt Ion	180	182	145
Resp:	43309		
Ratio	100	106.7	32.5
Lower		85.4	26.3
Upper		128.0	39.5





#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

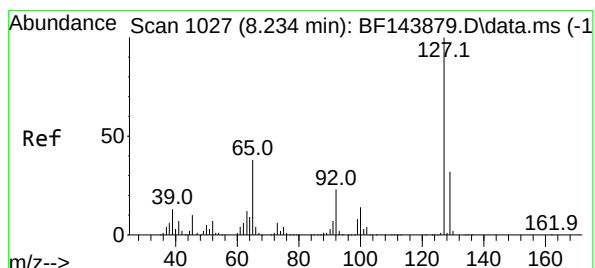
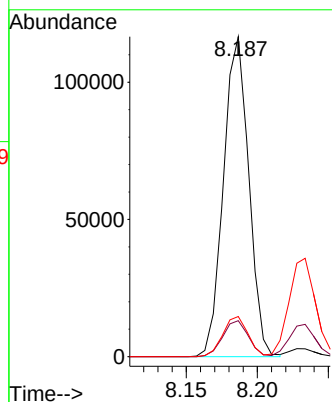
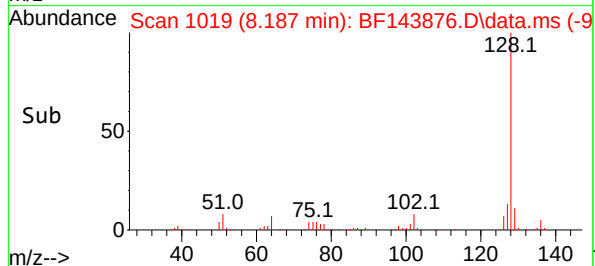
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

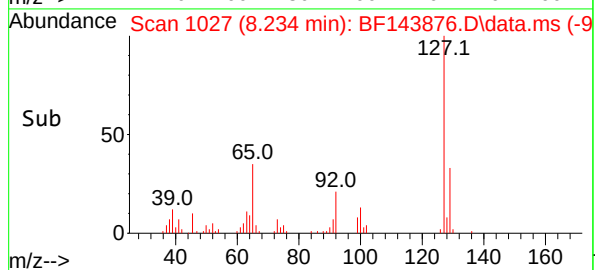
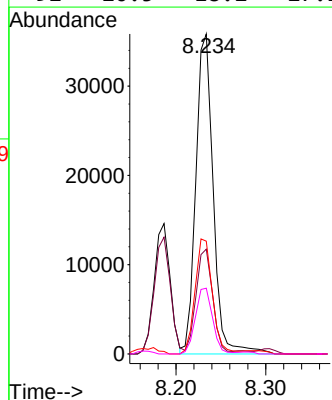
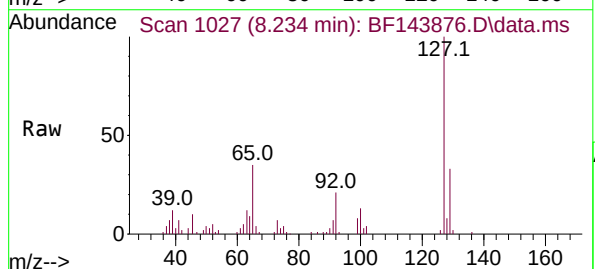
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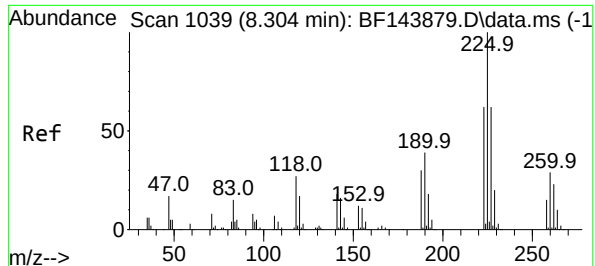
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

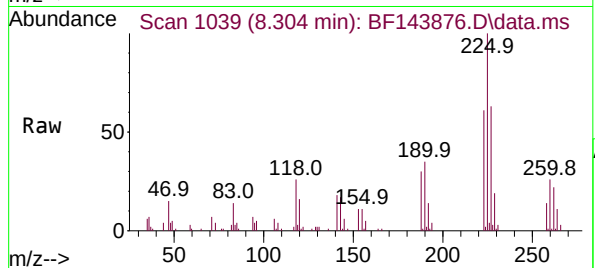
Tgt Ion:127 Resp: 48181
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 35.2 30.0 45.0
92 20.5 18.2 27.2





#34
Hexachlorobutadiene
Concen: 5.751 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

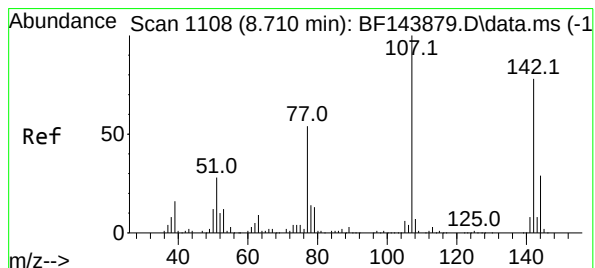
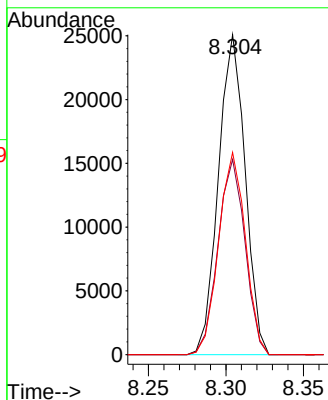
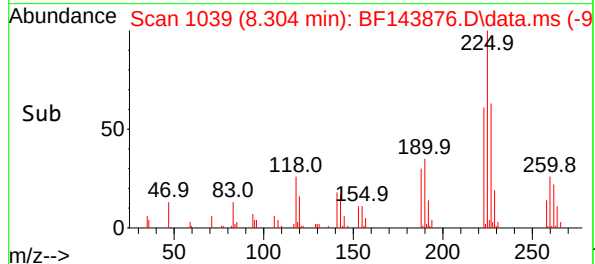
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

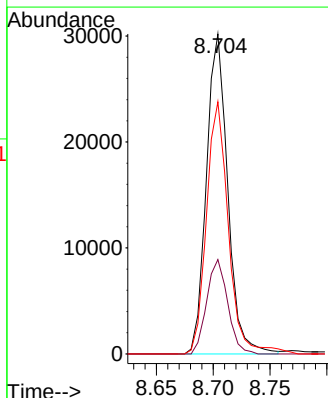
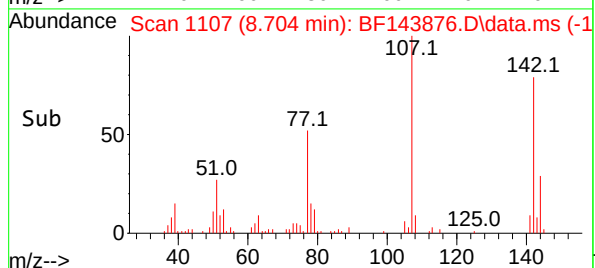
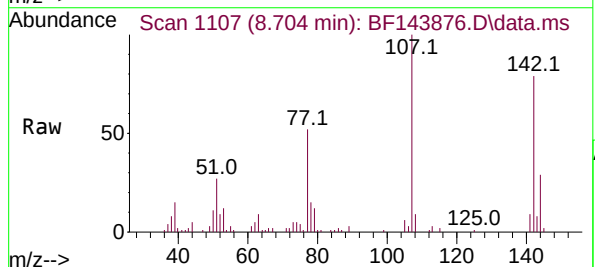
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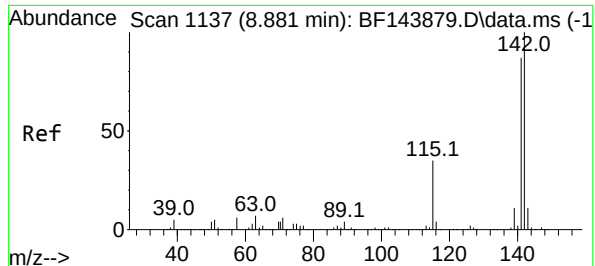
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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: 9722

Ion Ratio Lower Upper

142 100

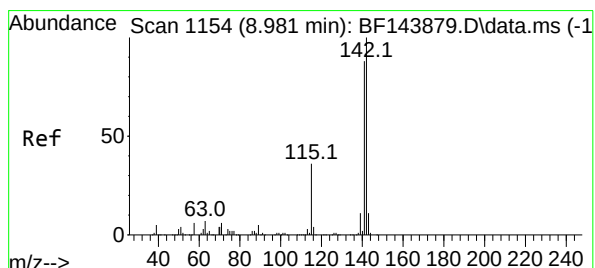
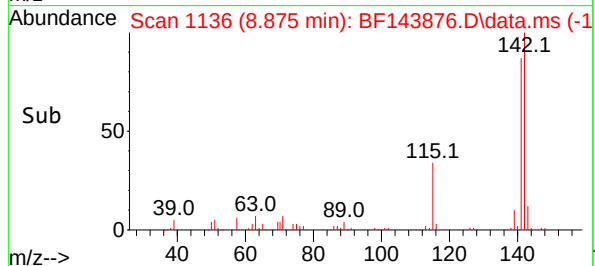
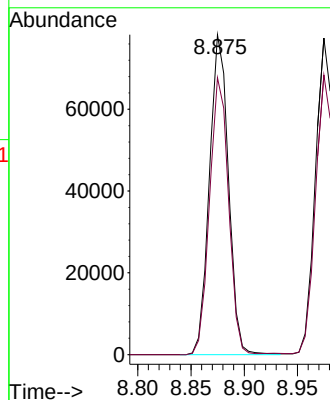
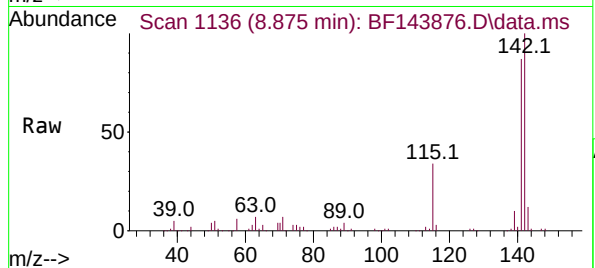
141 86.5 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 6.114 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF143876.D

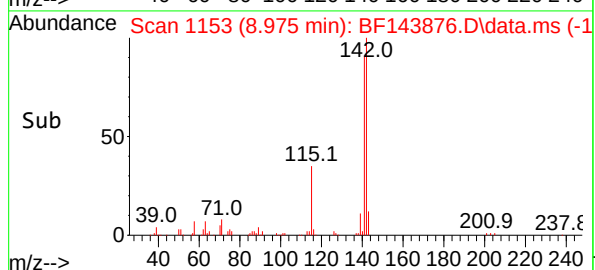
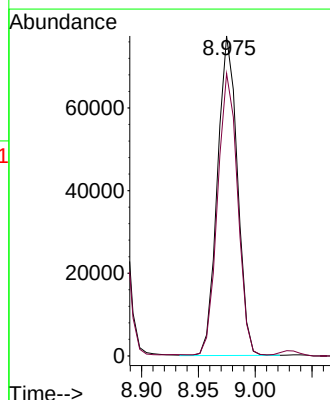
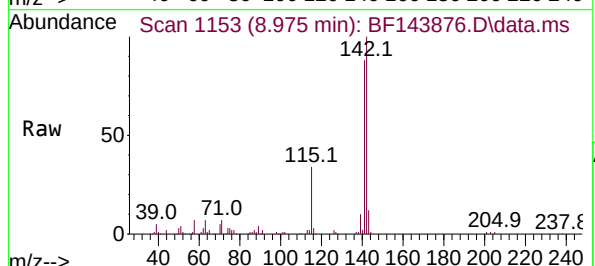
Acq: 06 Oct 2025 10:28

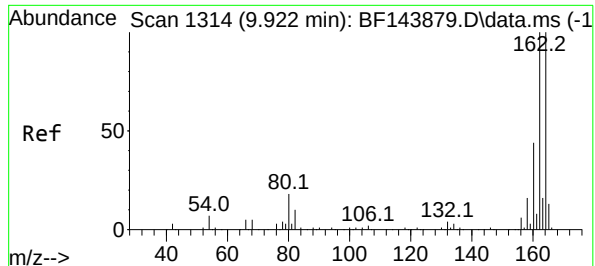
Tgt Ion:142 Resp: 94190

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

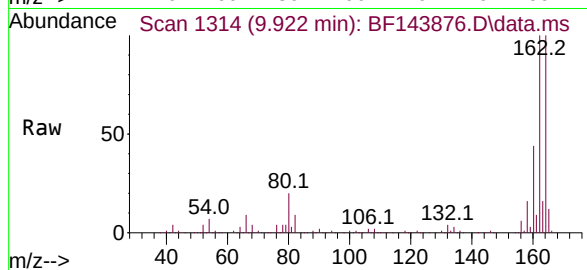
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 303230

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

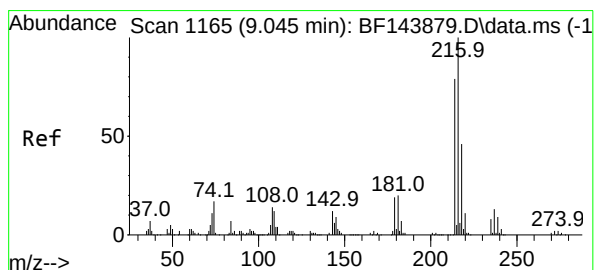
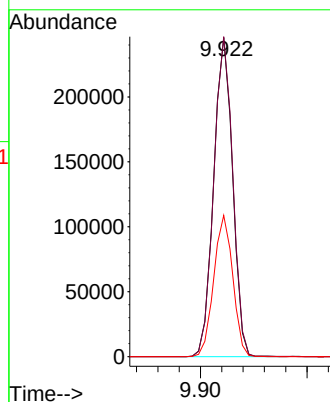
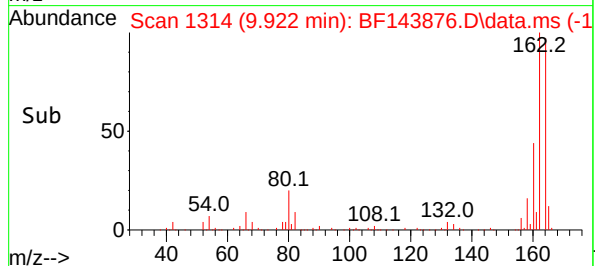
160 44.3 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

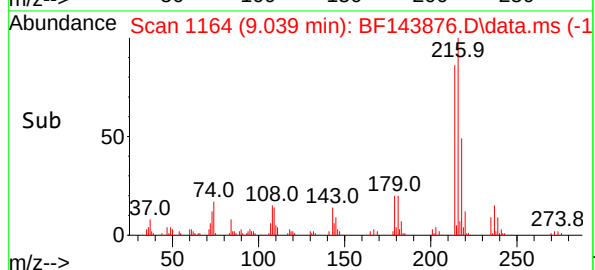
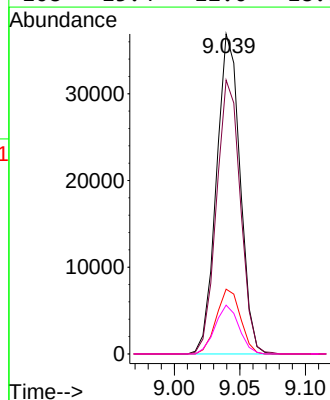
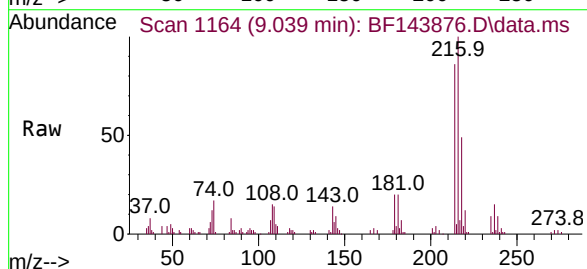
Ion Ratio Lower Upper

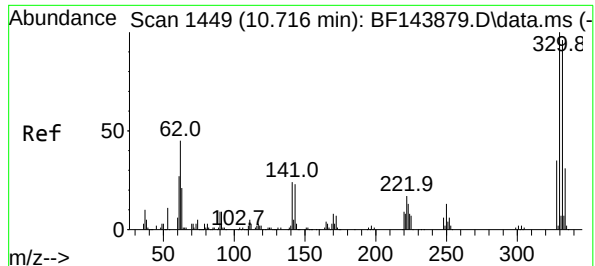
216 100

214 86.6 62.6 94.0

179 20.7 15.4 23.0

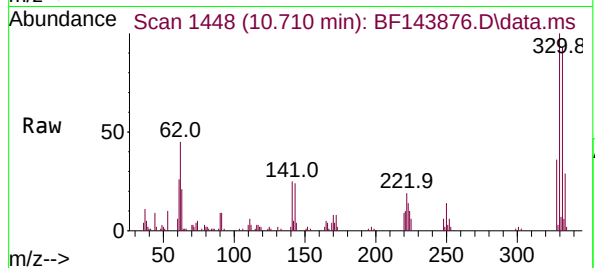
108 15.4 12.0 18.0





#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

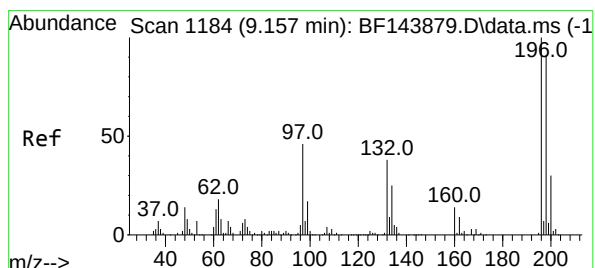
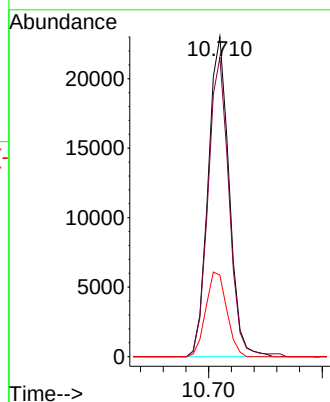
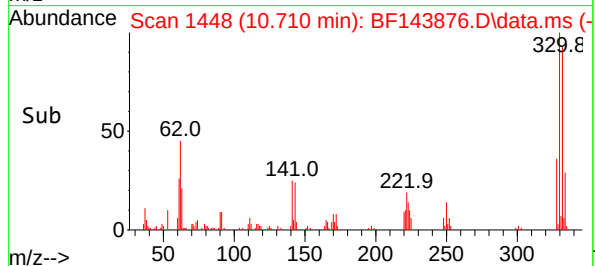
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

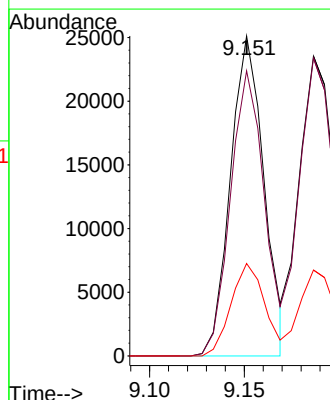
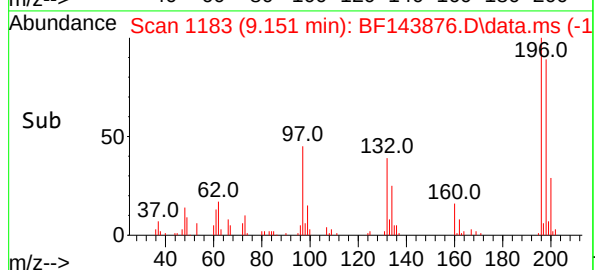
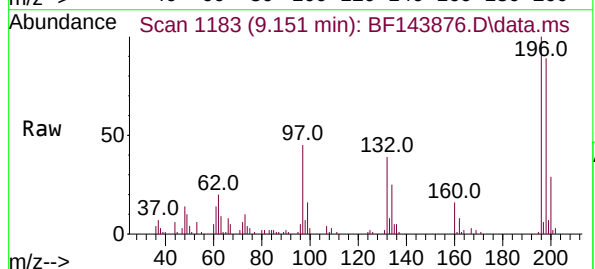
Manual Integrations
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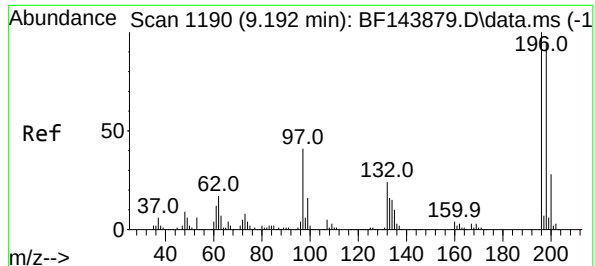
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

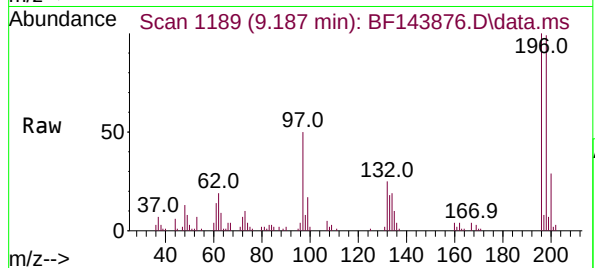
Tgt Ion: 196 Resp: 30908
Ion Ratio Lower Upper
196 100
198 89.1 72.8 109.2
200 28.9 24.0 36.0





#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

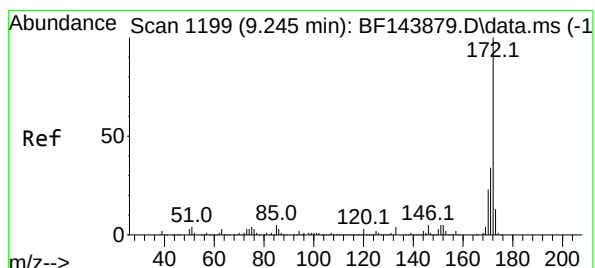
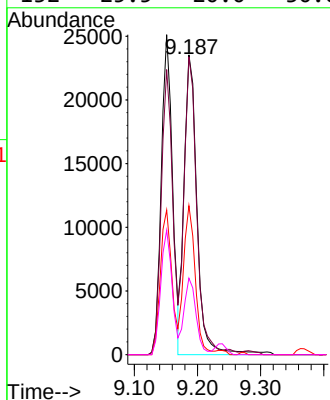
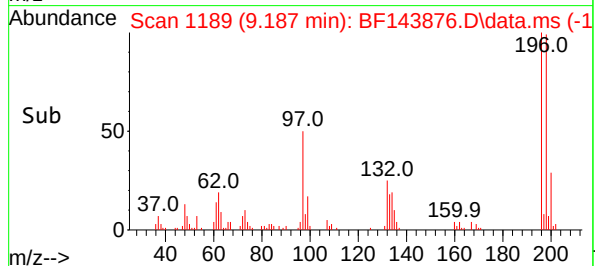
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

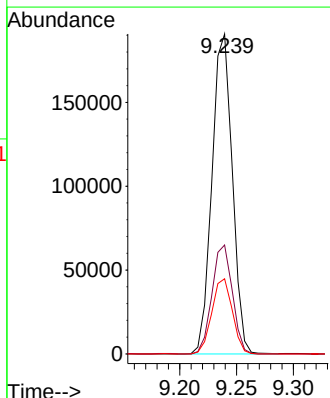
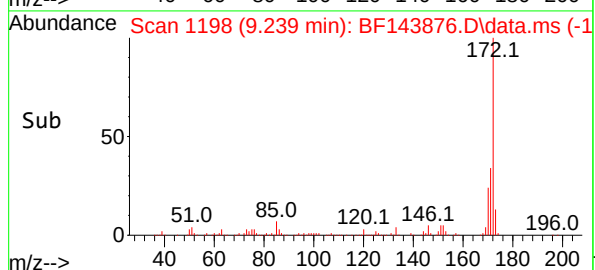
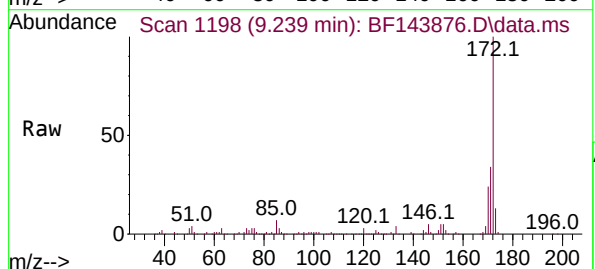
Manual Integrations
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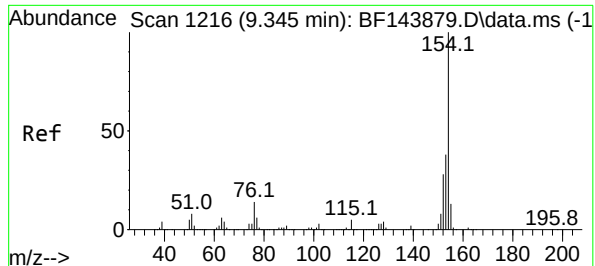
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

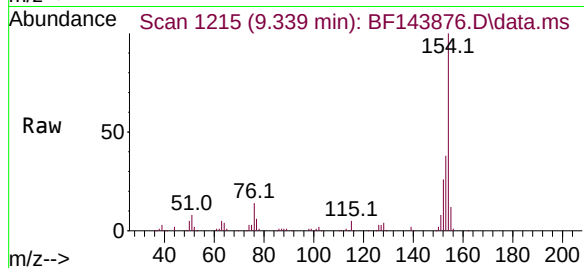
Tgt Ion:172 Resp: 237689
Ion Ratio Lower Upper
172 100
171 34.0 27.4 41.0
170 23.5 18.6 28.0





#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

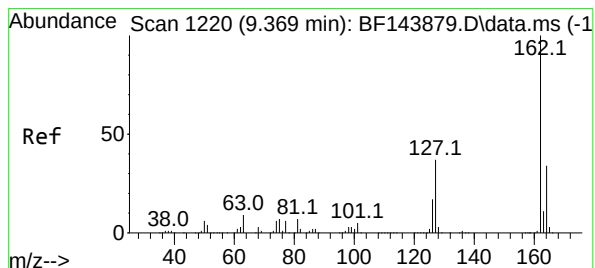
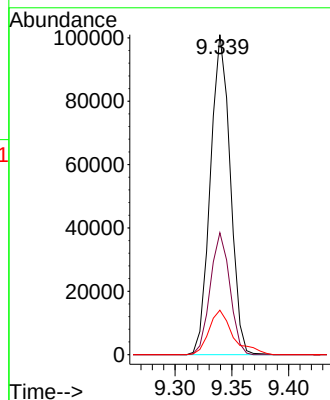
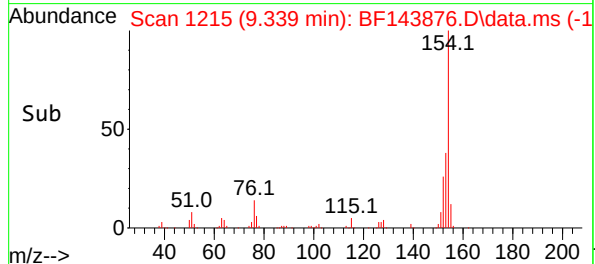
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



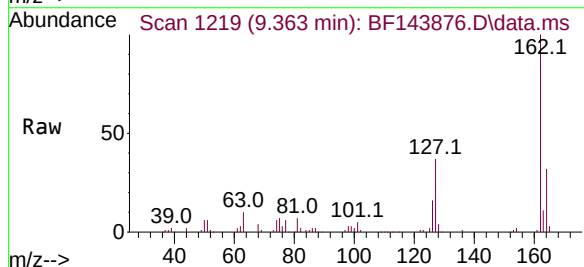
Tgt Ion:154 Resp: 122568
Ion Ratio Lower Upper
154 100
153 38.1 18.4 58.4
76 13.9 0.0 34.0

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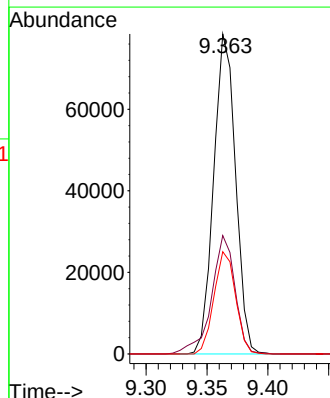
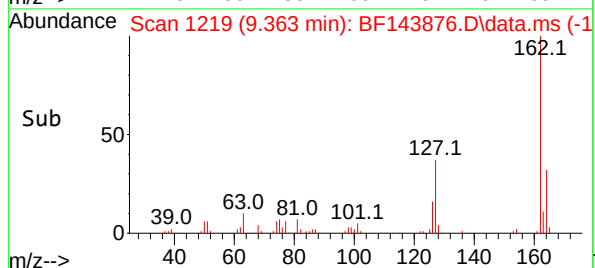
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

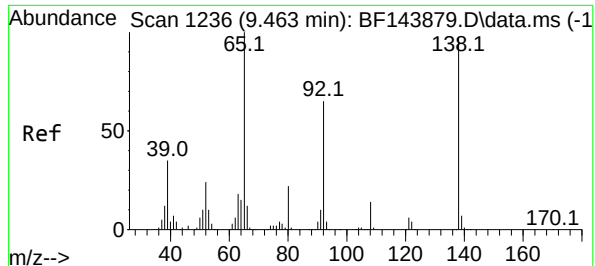


#47
2-Chloronaphthalene
Concen: 5.861 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



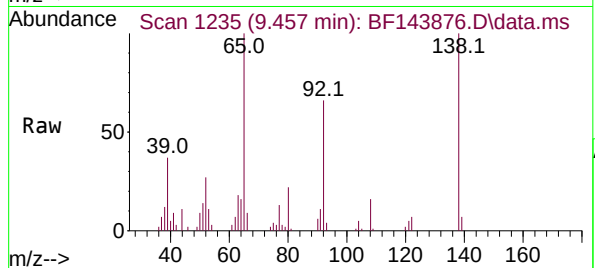
Tgt Ion:162 Resp: 98102
Ion Ratio Lower Upper
162 100
127 37.0 30.2 45.2
164 32.0 26.9 40.3





#48
2-Nitroaniline
Concen: 4.193 ng
RT: 9.457 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

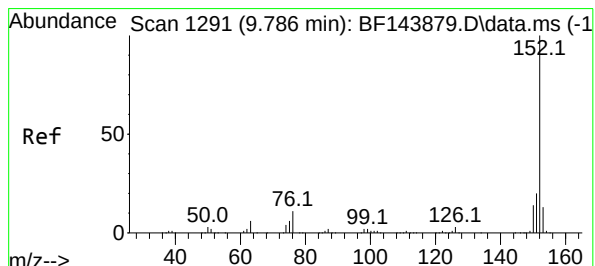
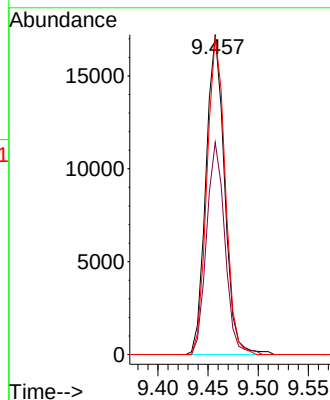
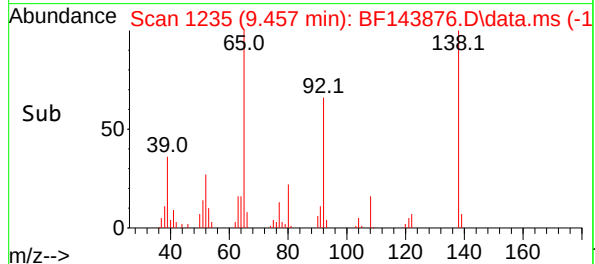
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

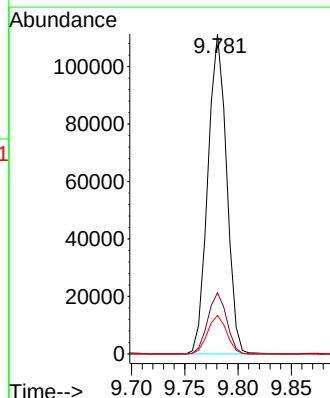
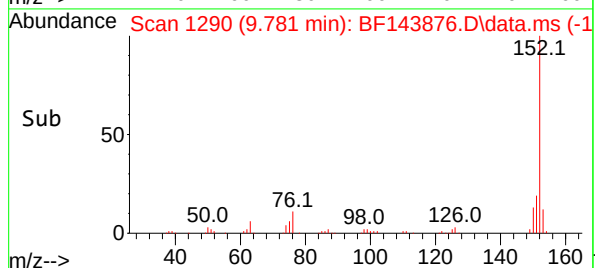
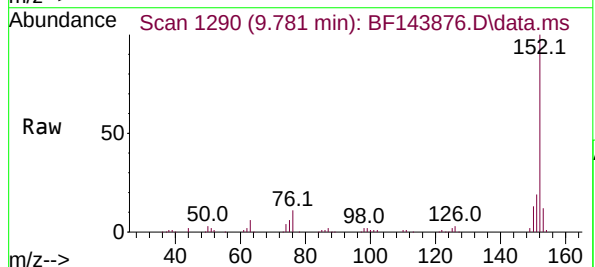
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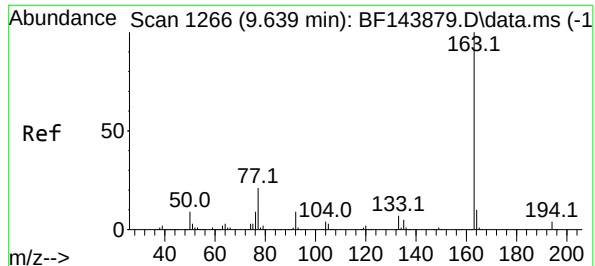
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

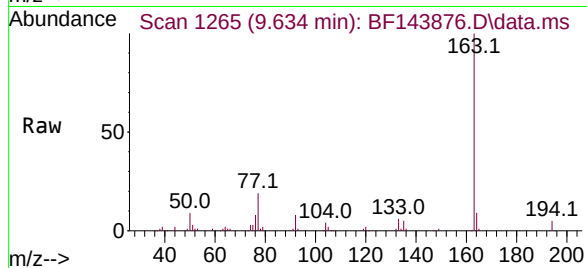
Tgt Ion:152 Resp: 136204
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 12.0 10.5 15.7





#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

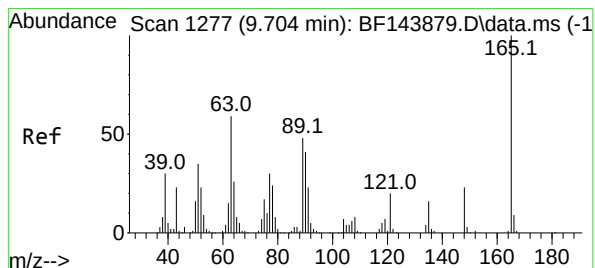
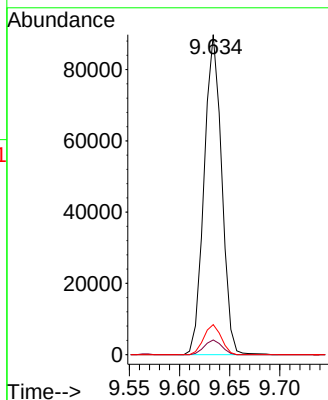
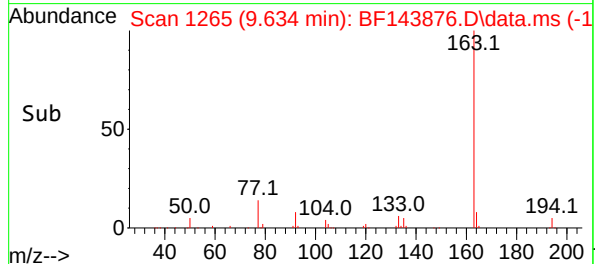
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

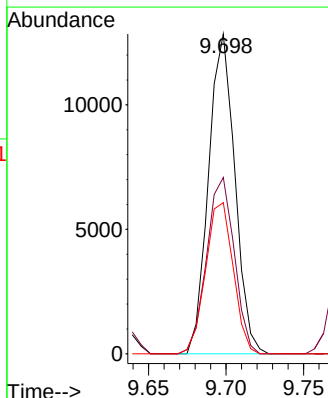
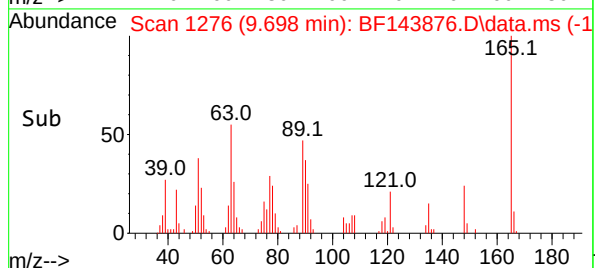
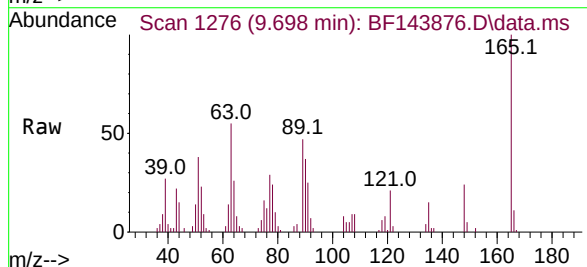
Manual Integrations
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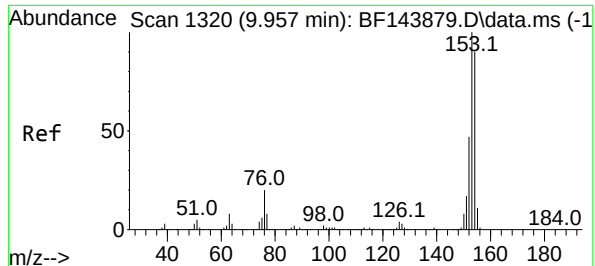
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

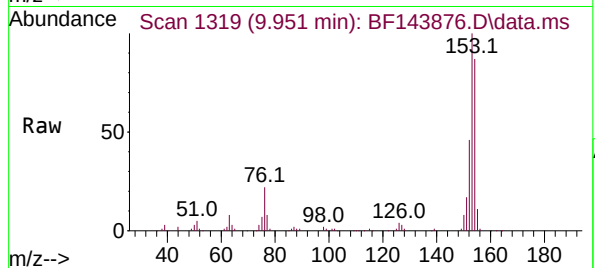
Tgt Ion:165 Resp: 15228
Ion Ratio Lower Upper
165 100
63 55.1 47.3 70.9
89 47.3 38.2 57.4





#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

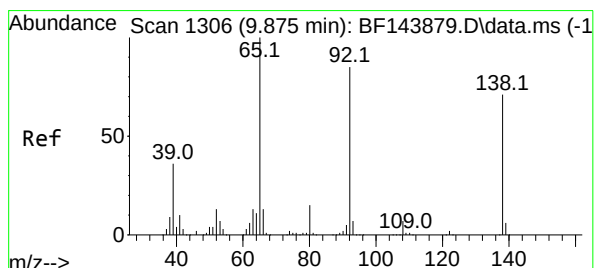
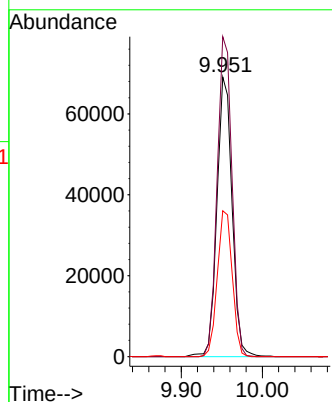
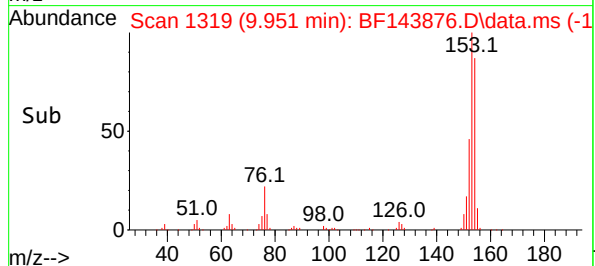
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

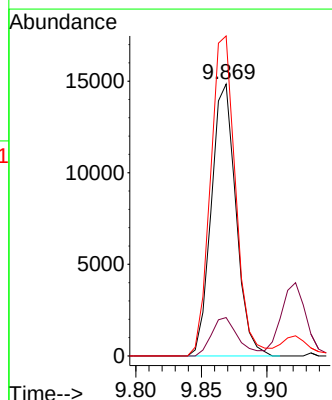
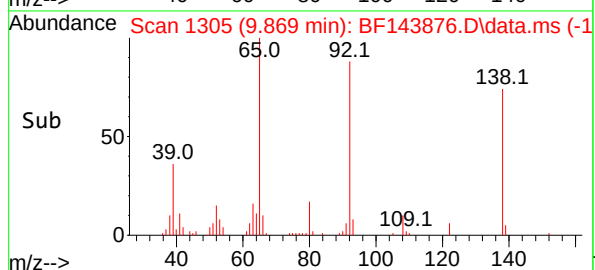
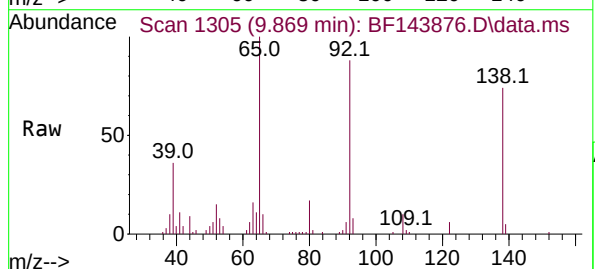
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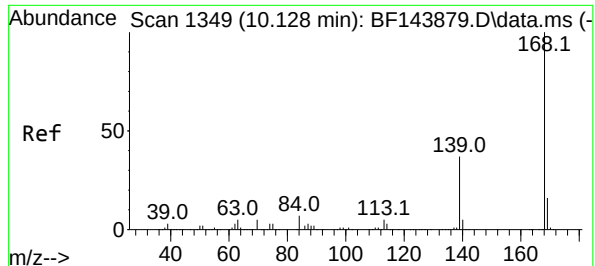
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

Dibenzenofuran

Concen: 5.852 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143876.D

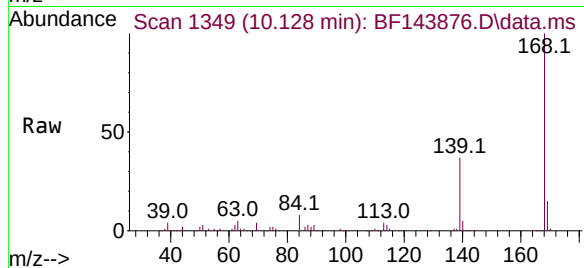
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:168 Resp: 127374

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

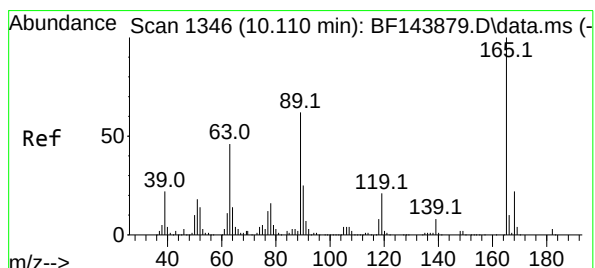
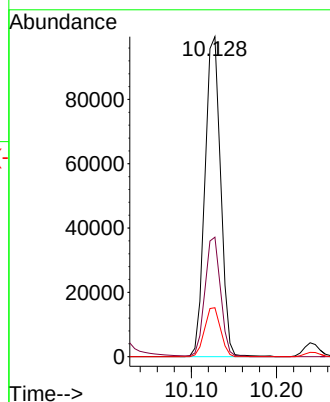
169 15.3 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#57

2,4-Dinitrotoluene

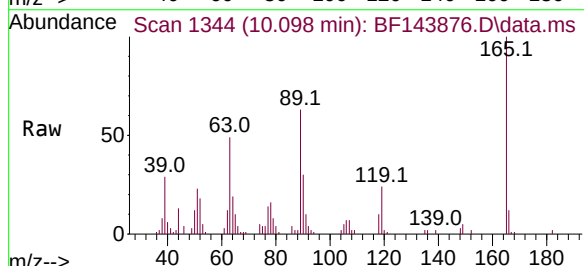
Concen: 3.932 ng

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

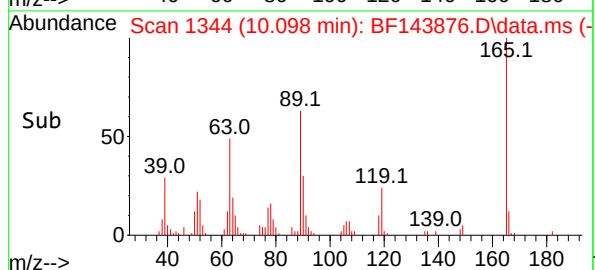
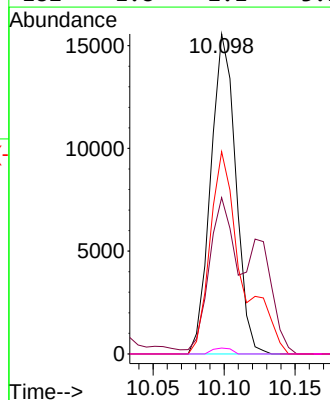
Ion Ratio Lower Upper

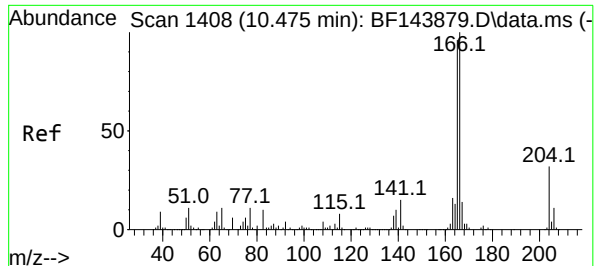
165 100

63 48.8 37.2 55.8

89 63.2 49.4 74.2

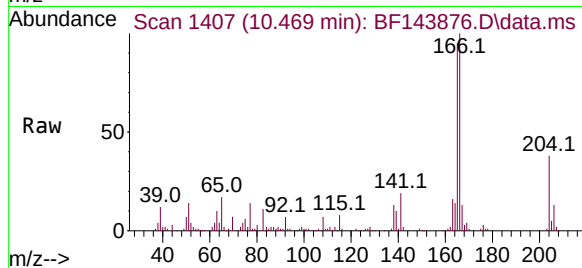
182 1.8 2.1 3.1#





#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

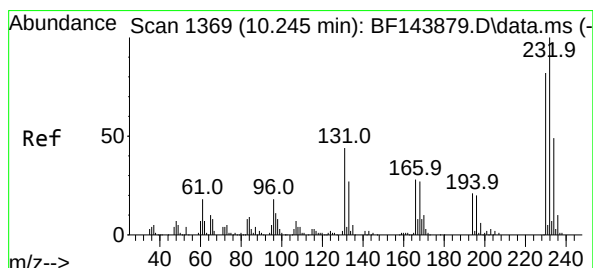
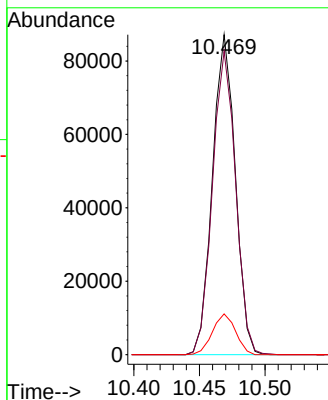
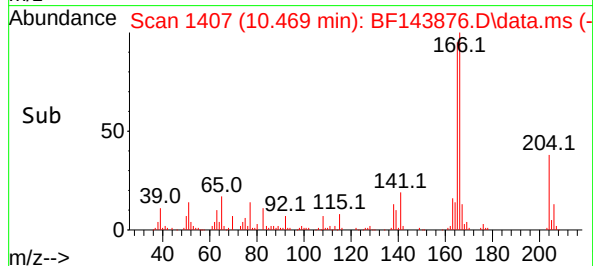
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

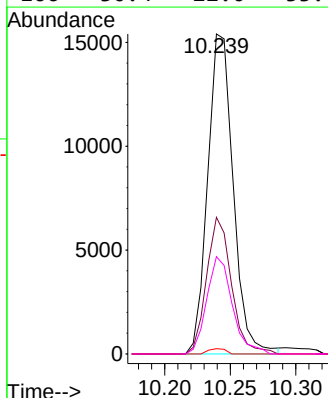
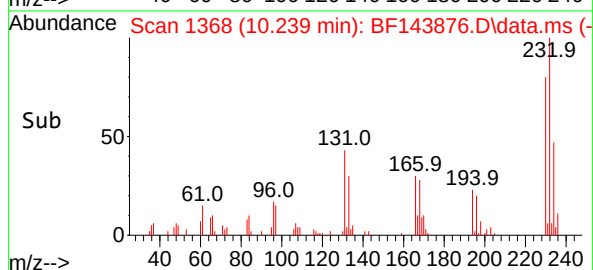
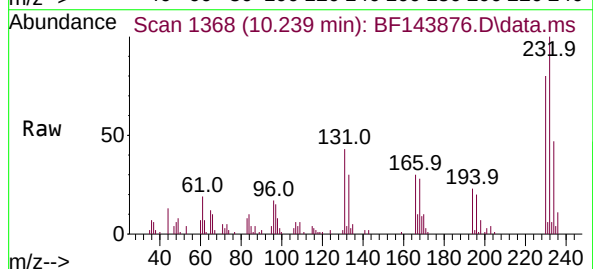
Manual Integrations
APPROVED

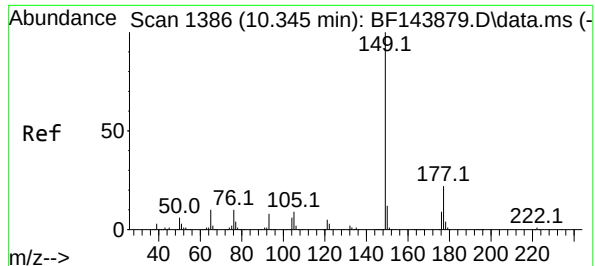
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

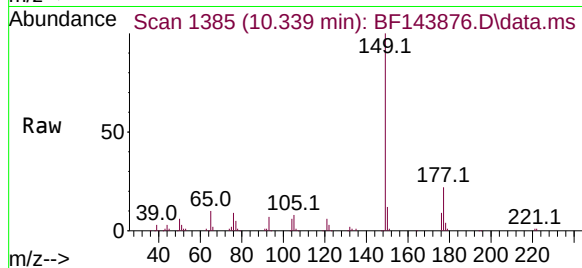
Tgt Ion:232 Resp: 20888
Ion Ratio Lower Upper
232 100
131 41.6 34.9 52.3
130 1.1 1.6 2.4#
166 30.4 22.0 33.0





#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

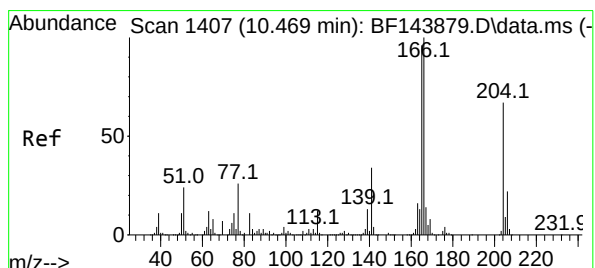
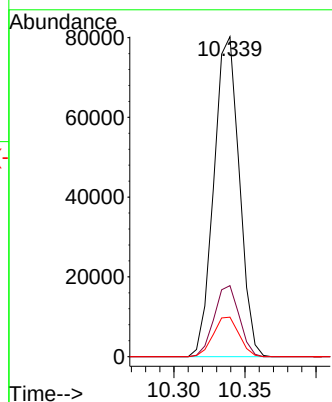
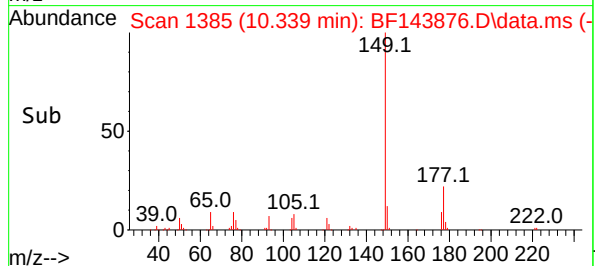
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



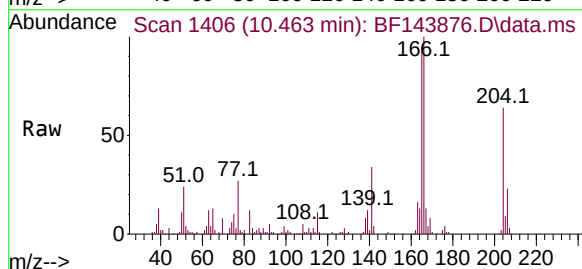
Tgt Ion:149 Resp: 100010
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.3 9.8 14.8

Manual Integrations
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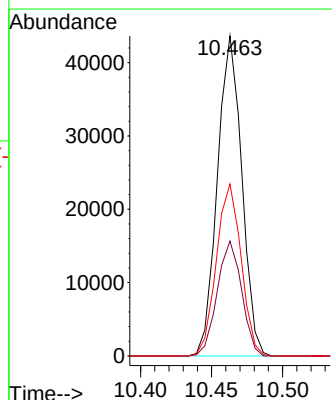
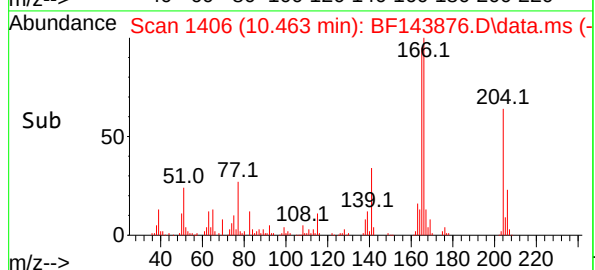
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

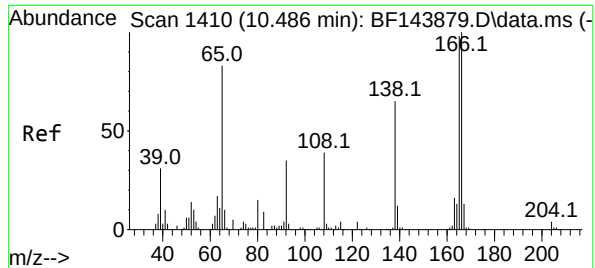


#61
4-Chlorophenyl-phenylether
Concen: 6.011 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



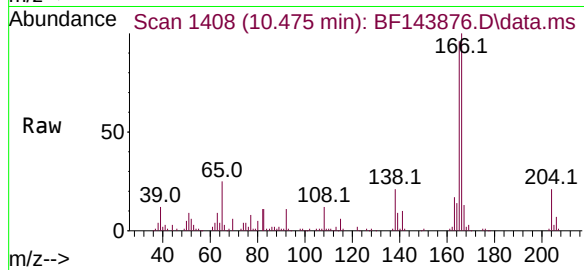
Tgt Ion:204 Resp: 52199
Ion Ratio Lower Upper
204 100
206 35.9 26.6 40.0
141 53.7 40.4 60.6





#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

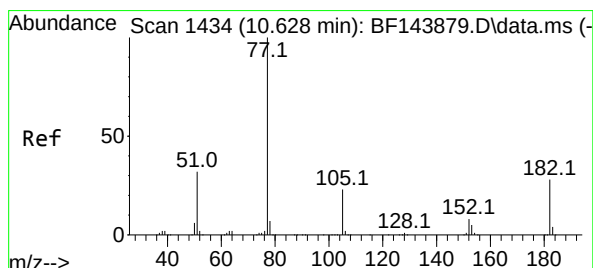
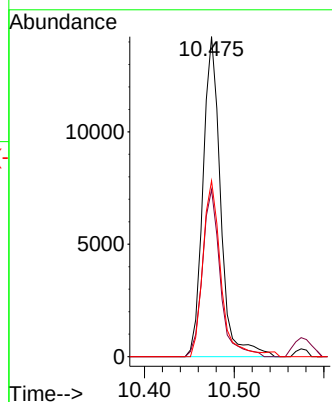
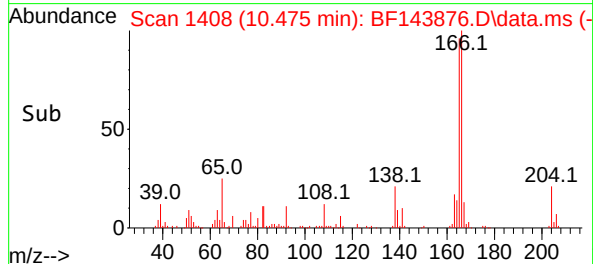
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 1944
Ion Ratio Lower Upper
138 100
92 52.2 33.9 73.9
108 54.9 40.2 80.2

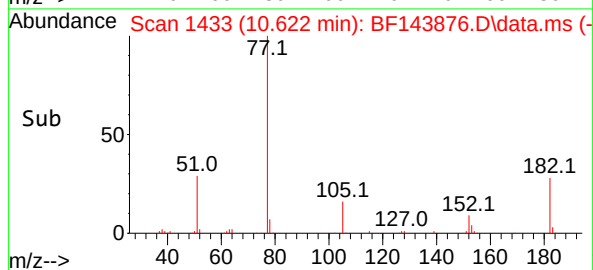
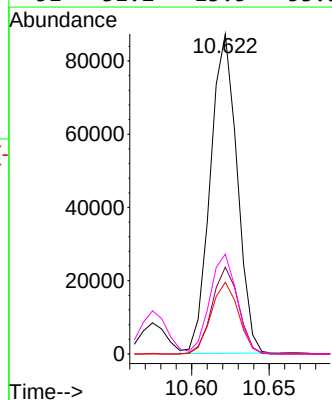
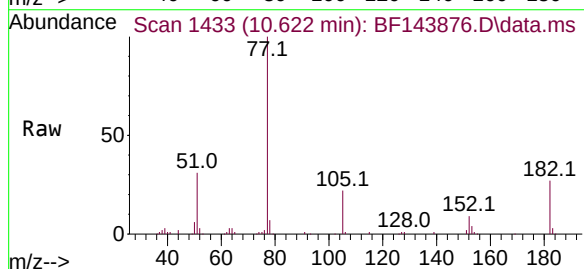
Manual Integrations
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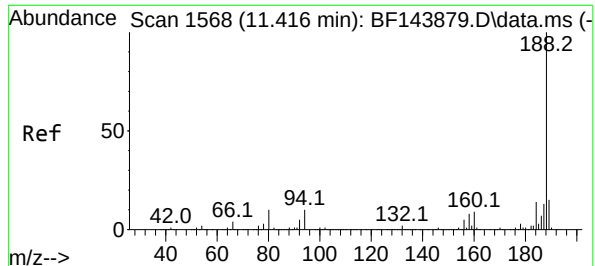
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

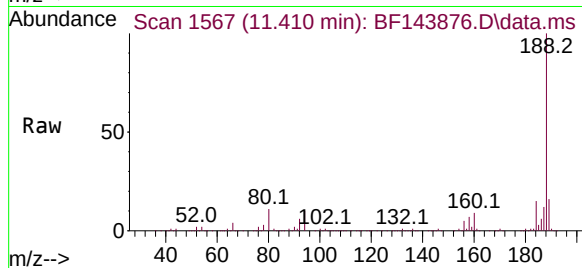
Tgt Ion: 77 Resp: 105174
Ion Ratio Lower Upper
77 100
182 27.1 7.3 47.3
105 22.4 3.0 43.0
51 31.2 13.5 53.5





#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

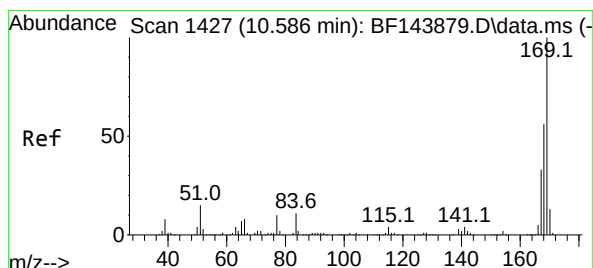
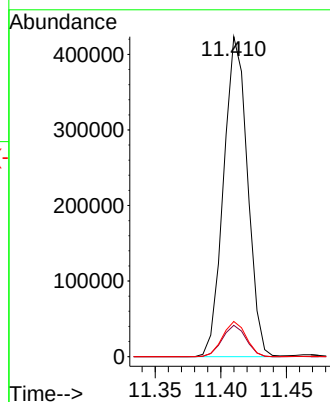
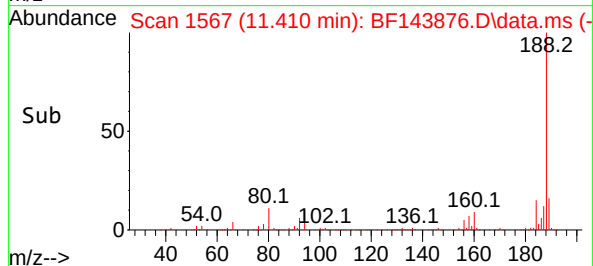
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

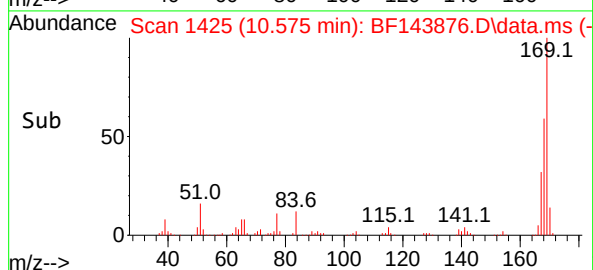
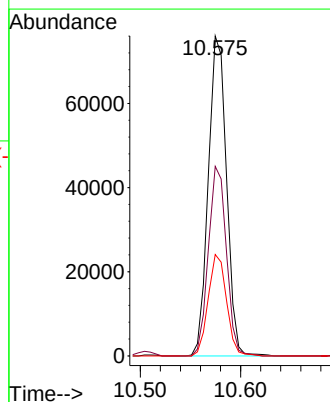
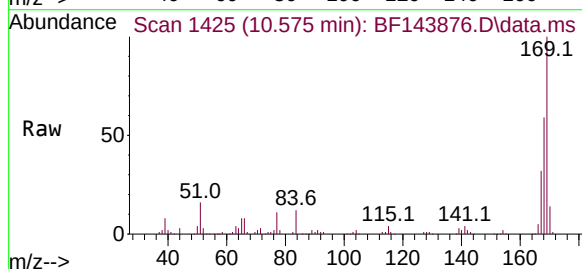
Manual Integrations
APPROVED

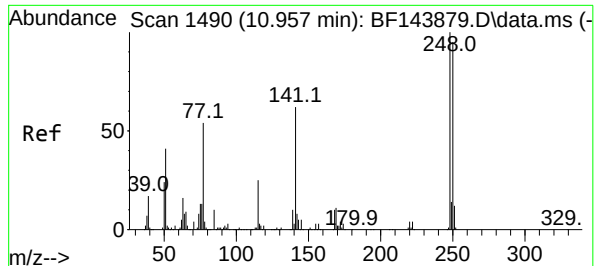
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

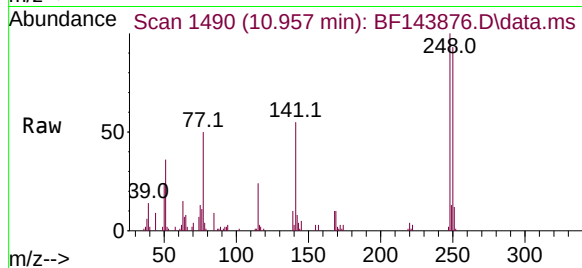
Tgt Ion:169 Resp: 95847
Ion Ratio Lower Upper
169 100
168 59.2 44.9 67.3
167 31.7 26.3 39.5





#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

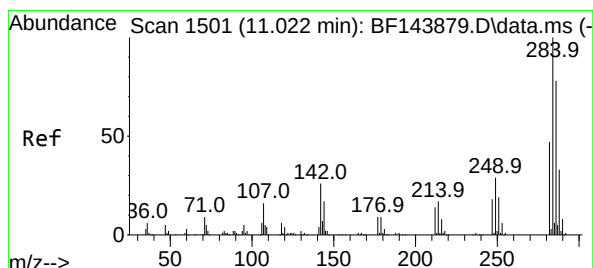
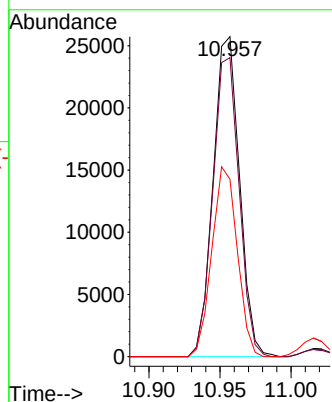
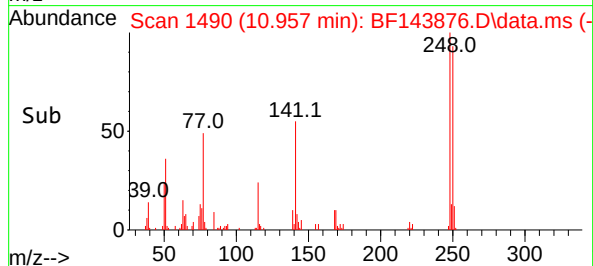
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



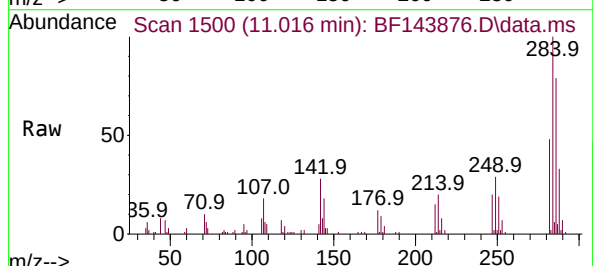
Tgt Ion:248 Resp: 33236
Ion Ratio Lower Upper
248 100
250 93.4 76.3 114.5
141 55.4 49.7 74.5

Manual Integrations
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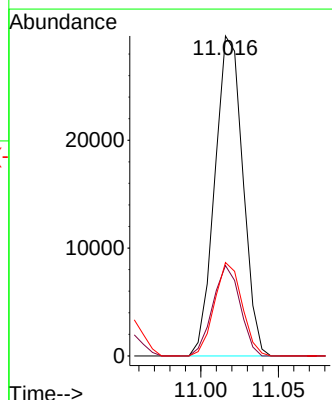
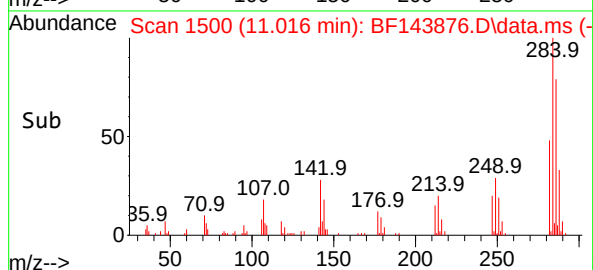
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

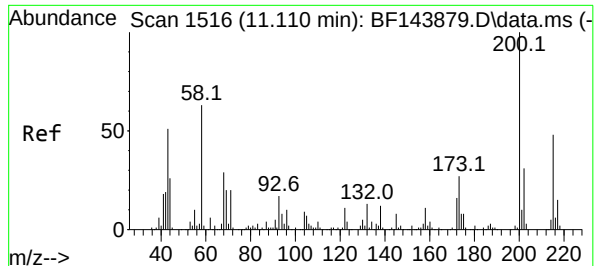


#68
Hexachlorobenzene
Concen: 5.406 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



Tgt Ion:284 Resp: 37233
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: 2650

Ion Ratio Lower Upper

200 100

173 30.3 7.0 47.0

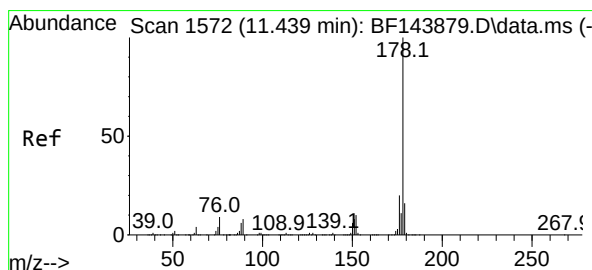
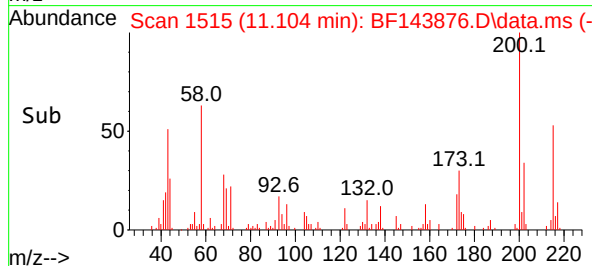
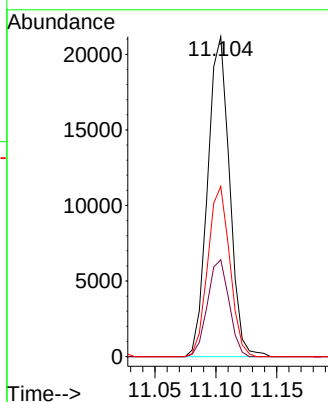
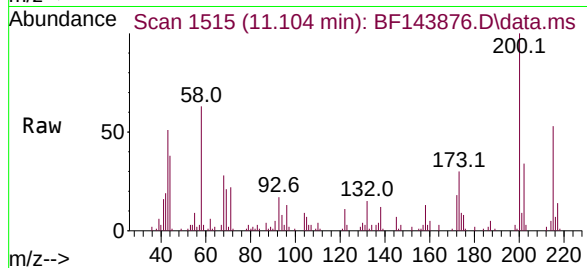
215 53.2 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

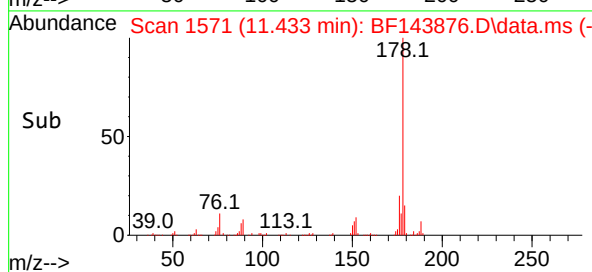
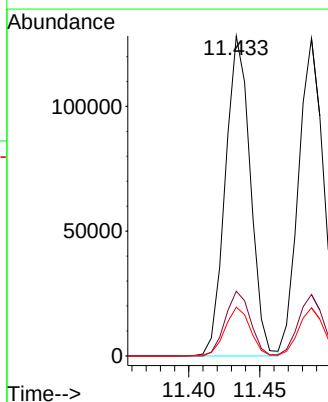
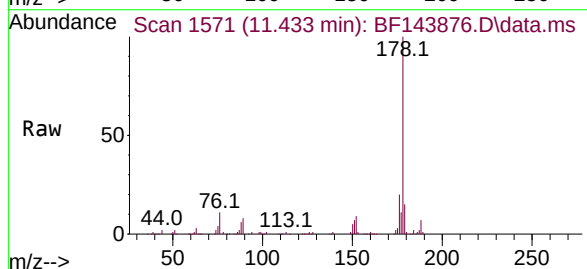
Tgt Ion:178 Resp: 156676

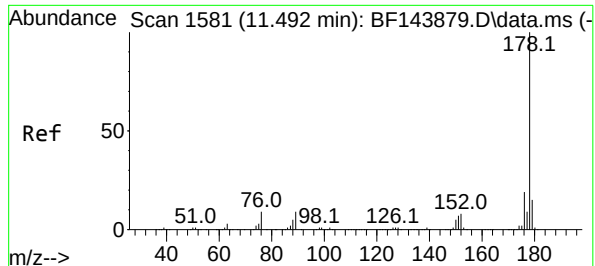
Ion Ratio Lower Upper

178 100

176 20.2 15.9 23.9

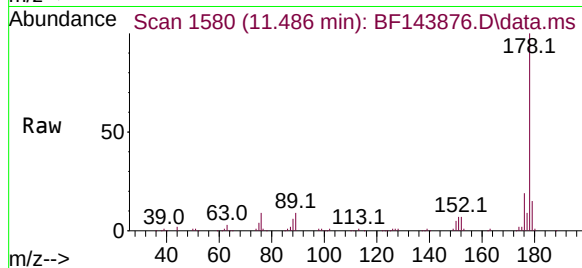
179 15.2 12.4 18.6





#72
Anthracene
Concen: 5.928 ng
RT: 11.486 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

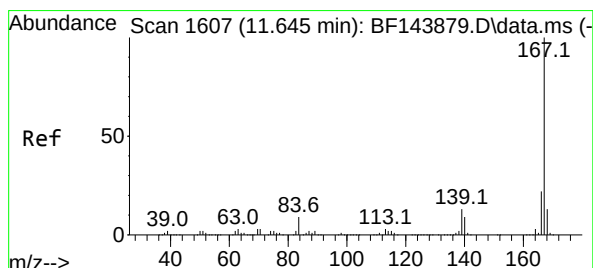
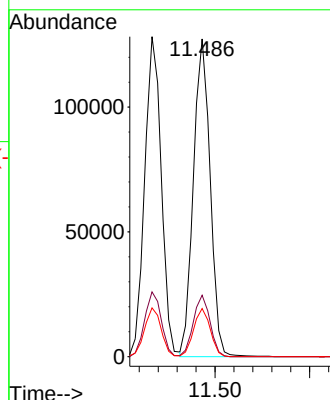
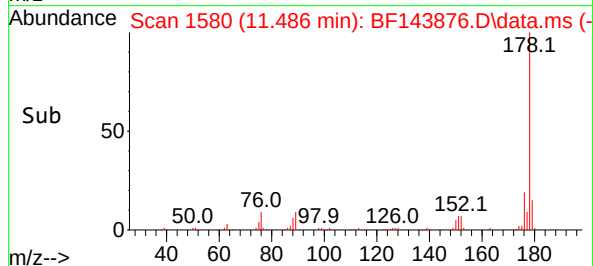
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

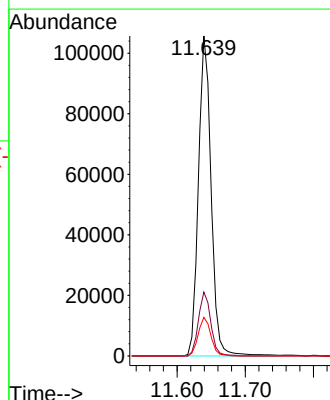
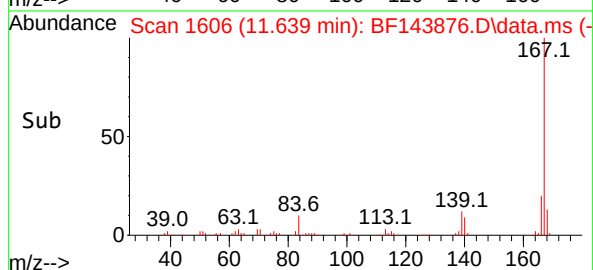
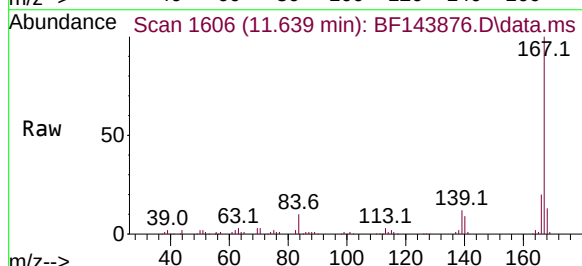
Manual Integrations
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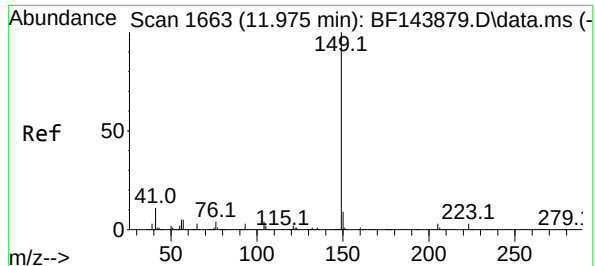
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

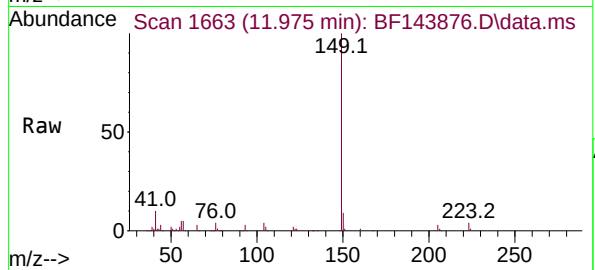
Tgt Ion:167 Resp: 136597
Ion Ratio Lower Upper
167 100
166 19.9 17.2 25.8
139 12.0 10.1 15.1





#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

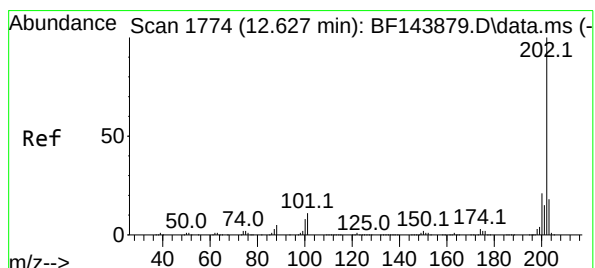
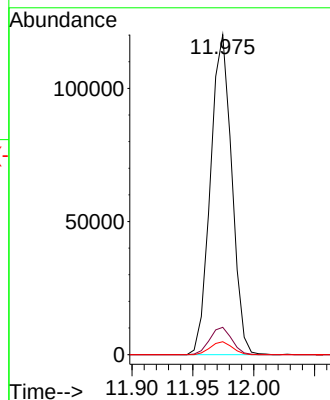
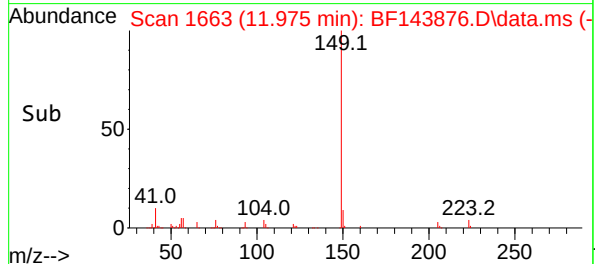
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



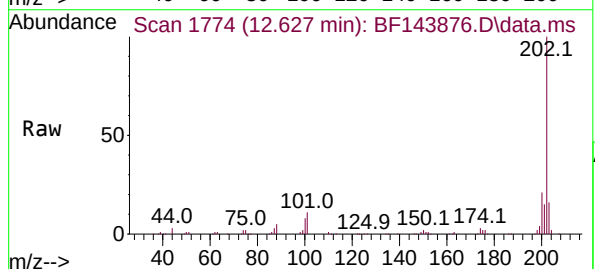
Tgt Ion:149 Resp: 146596
Ion Ratio Lower Upper
149 100
150 8.5 7.4 11.2
104 4.0 3.4 5.2

Manual Integrations
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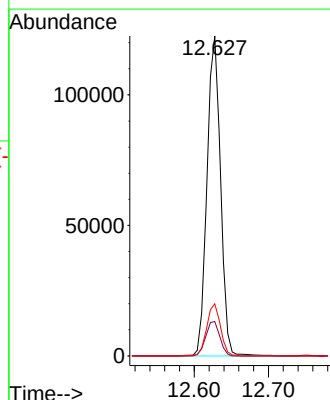
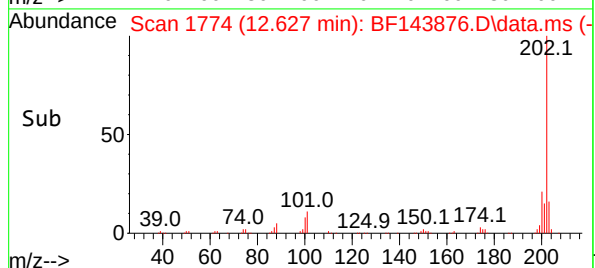
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

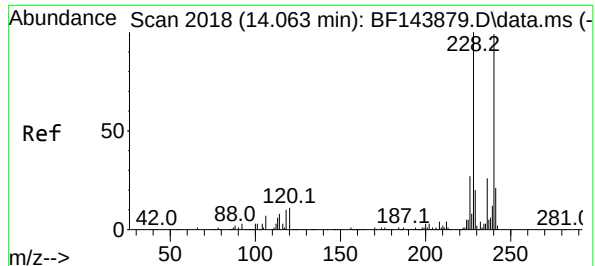


#75
Fluoranthene
Concen: 5.771 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



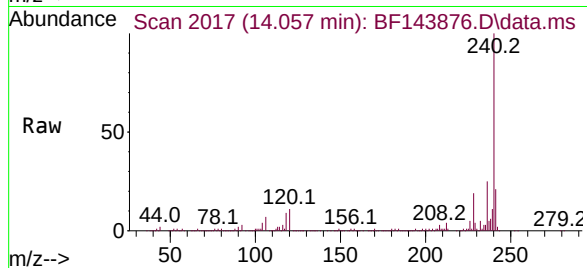
Tgt Ion:202 Resp: 155574
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 16.3 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

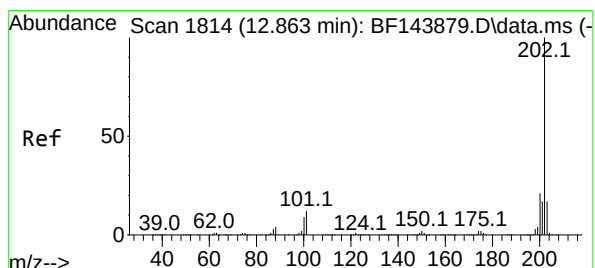
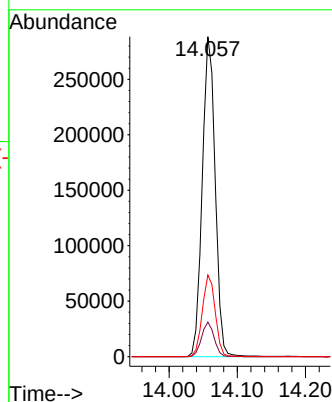
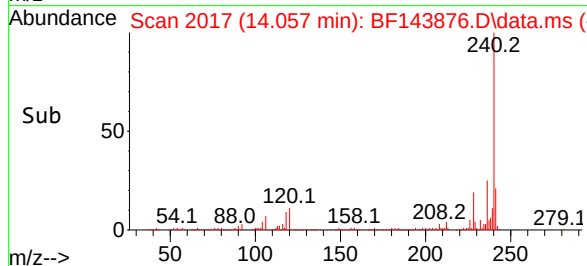
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

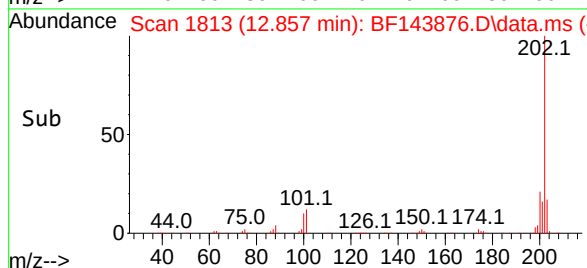
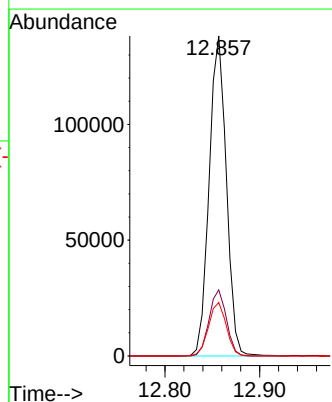
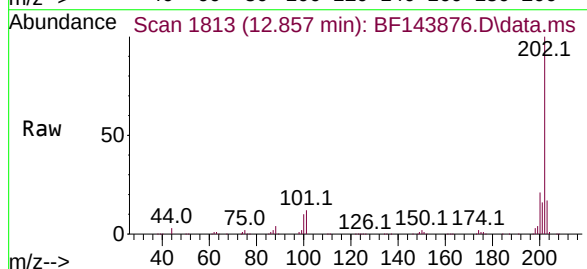
Manual Integrations
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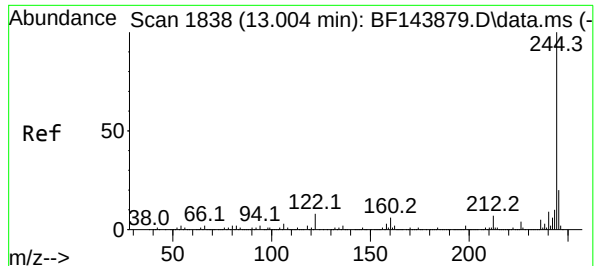
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





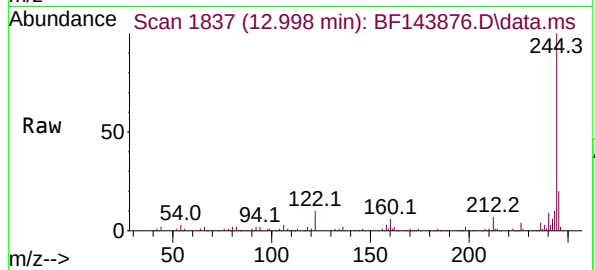
#79
Terphenyl-d14
Concen: 11.121 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

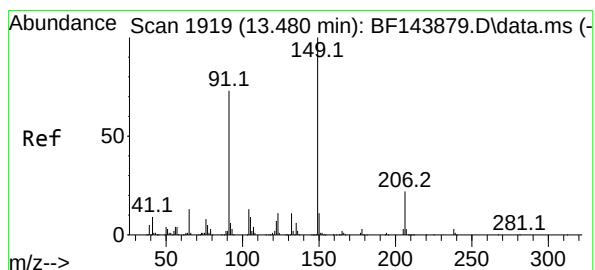
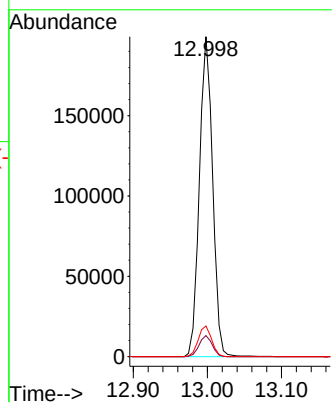
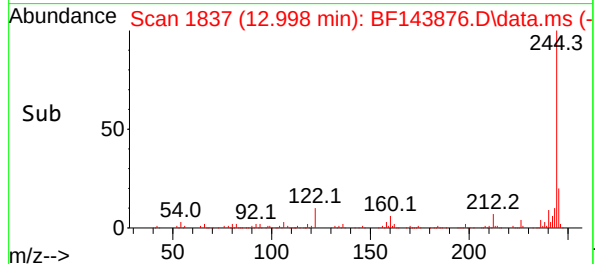


Tgt Ion:244 Resp: 247223
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 9.6 6.4 9.6

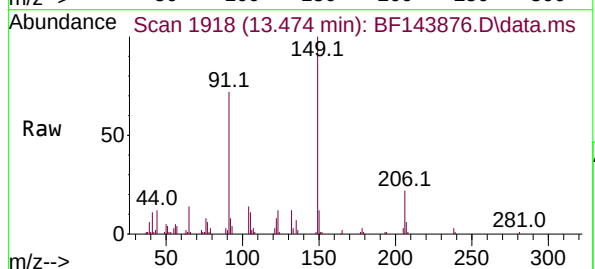
Manual Integrations

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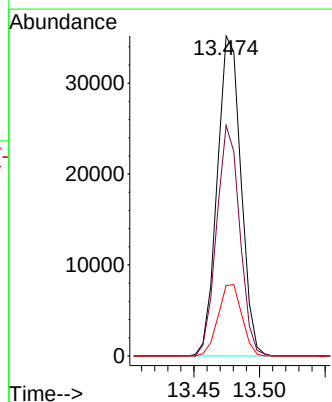
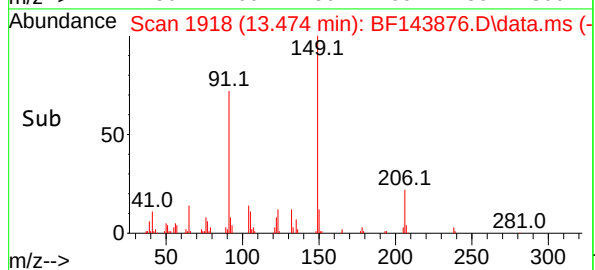
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

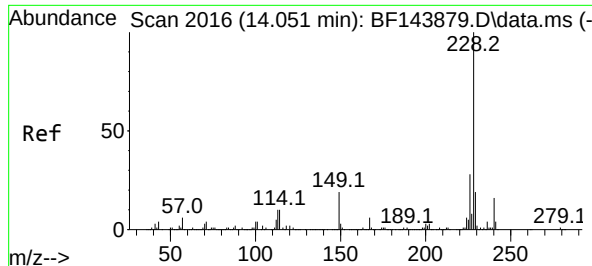


#80
Butylbenzylphthalate
Concen: 4.302 ng
RT: 13.474 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BF143876.D
Acq: 06 Oct 2025 10:28



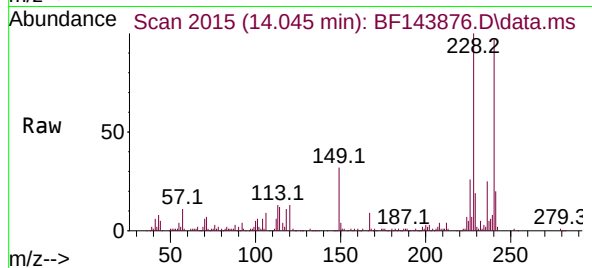
Tgt Ion:149 Resp: 44252
Ion Ratio Lower Upper
149 100
91 72.0 58.2 87.2
206 22.0 17.9 26.9





#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

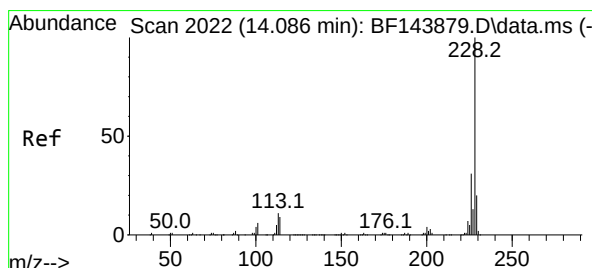
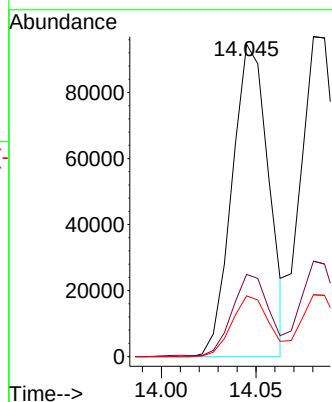
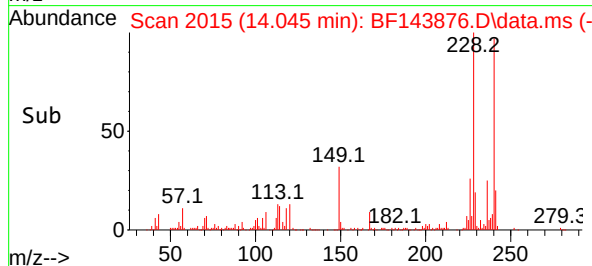
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

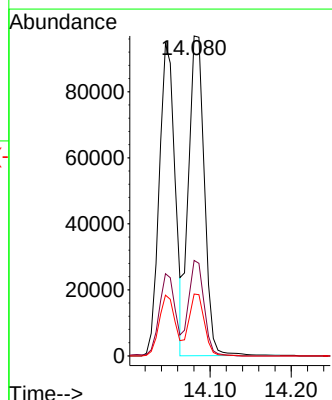
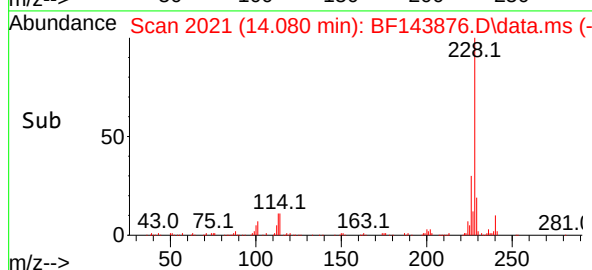
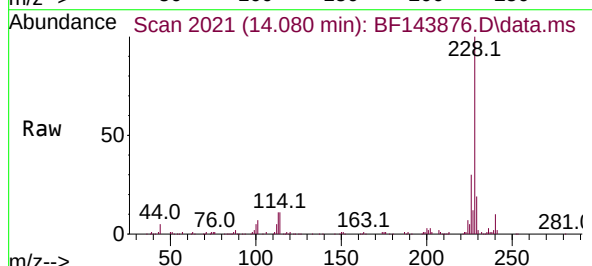
Manual Integrations
APPROVED

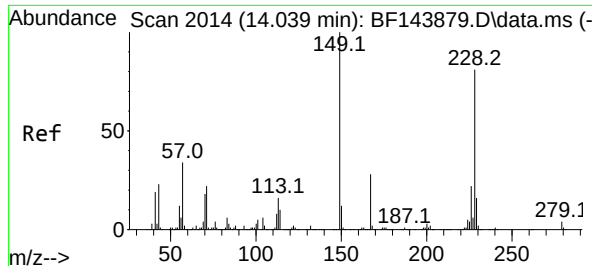
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

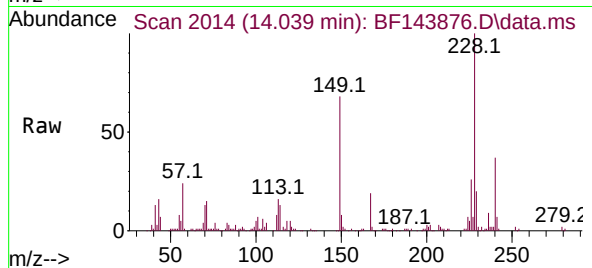
Tgt Ion:228 Resp: 130450
Ion Ratio Lower Upper
228 100
226 29.9 24.4 36.6
229 19.3 15.9 23.9





#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

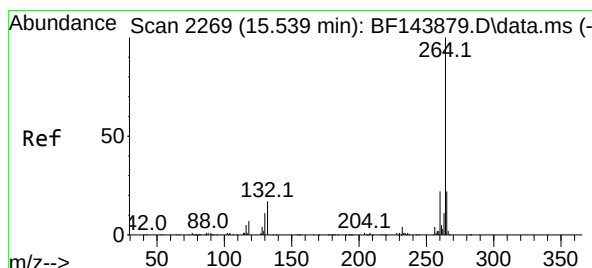
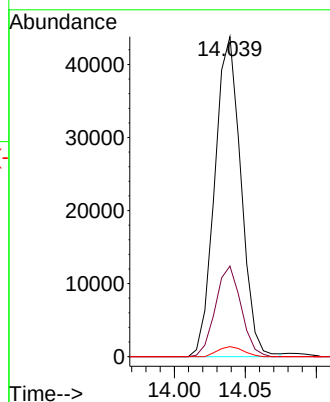
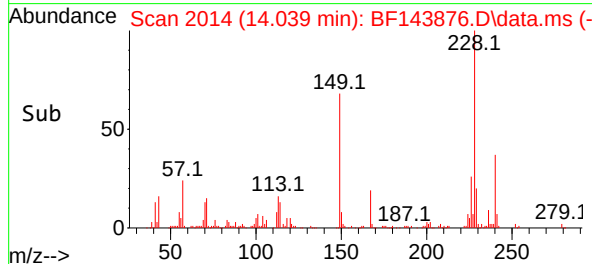
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



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

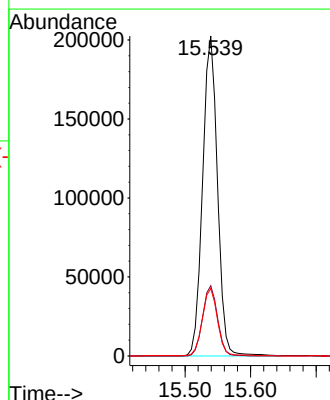
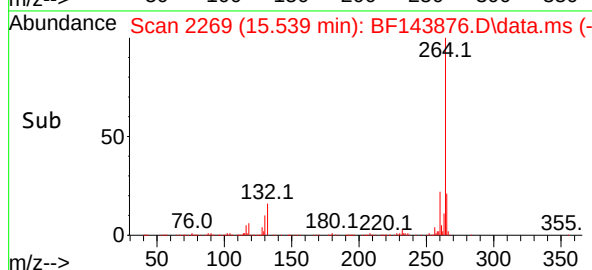
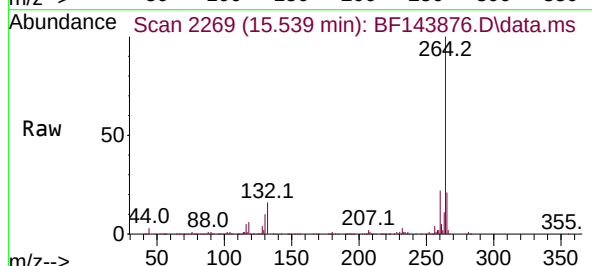
Manual Integrations
APPROVED

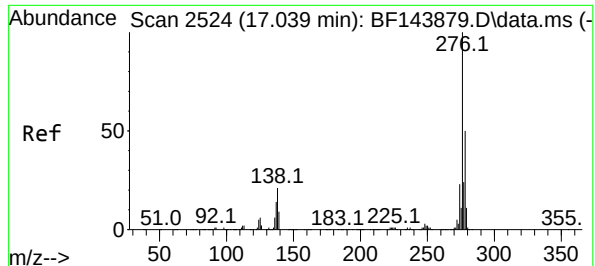
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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: 8832

Ion Ratio Lower Upper

276 100

138 26.7 18.2 27.2

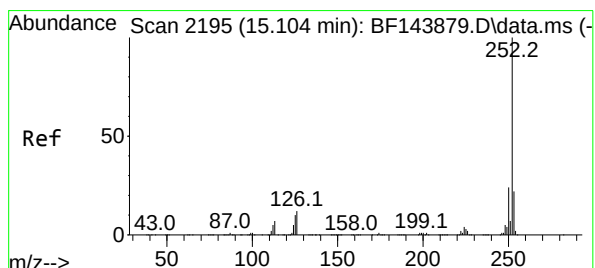
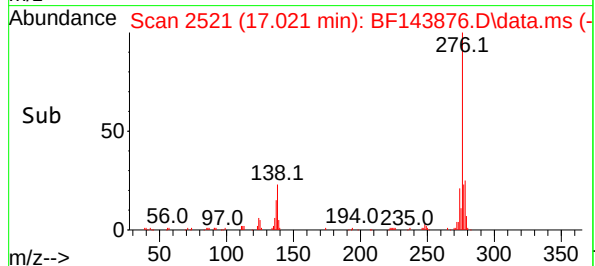
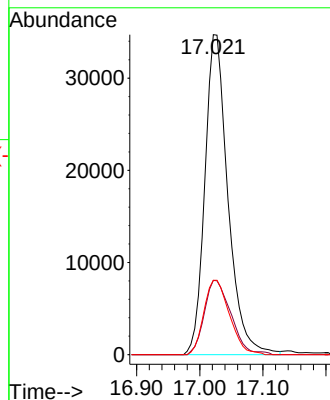
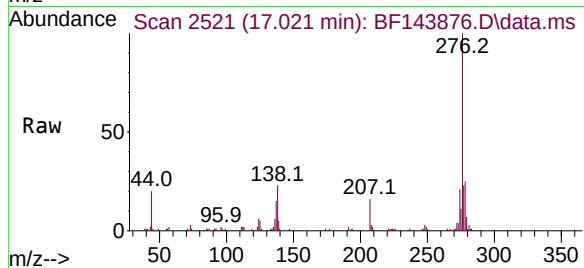
277 25.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

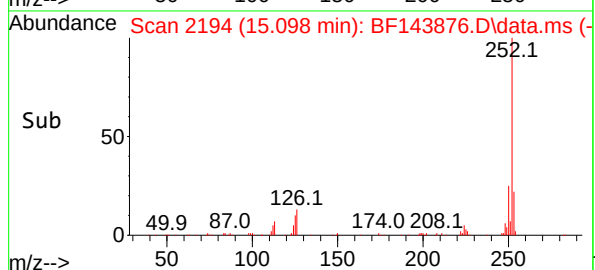
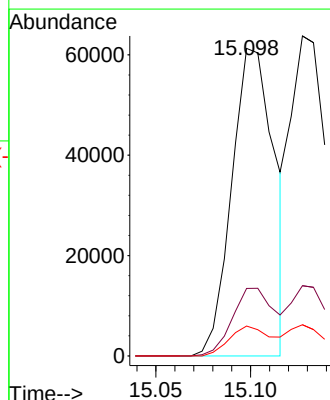
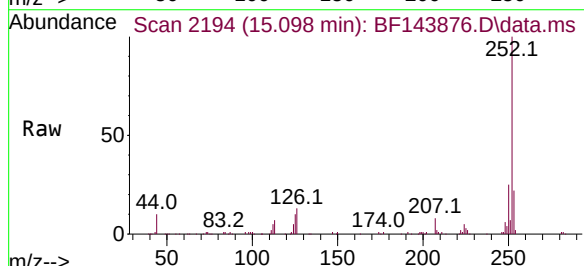
Tgt Ion:252 Resp: 95737

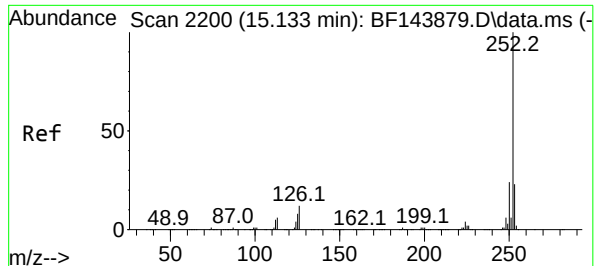
Ion Ratio Lower Upper

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# 2199

Delta R.T. -0.017 min

Lab File: BF143876.D

Acq: 06 Oct 2025 10:28

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

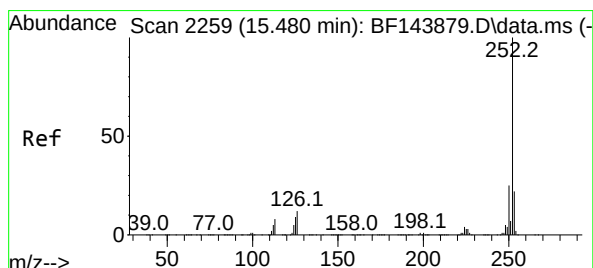
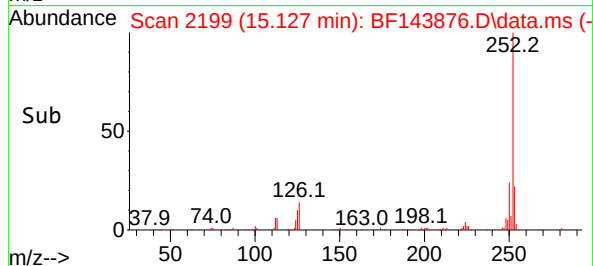
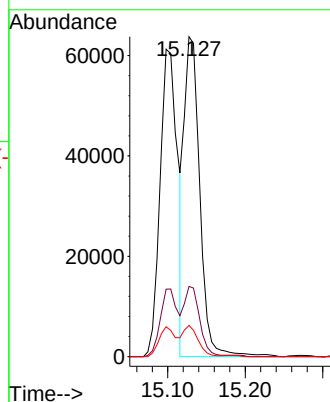
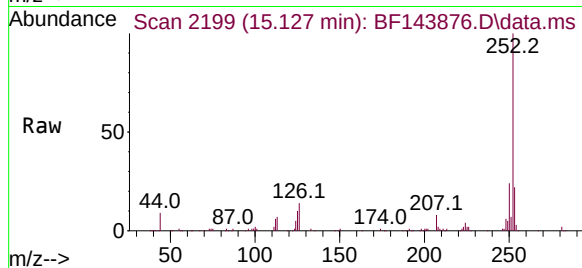
Tgt Ion:	252	Resp:	90226
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	9.7	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

Concen: 5.018 ng

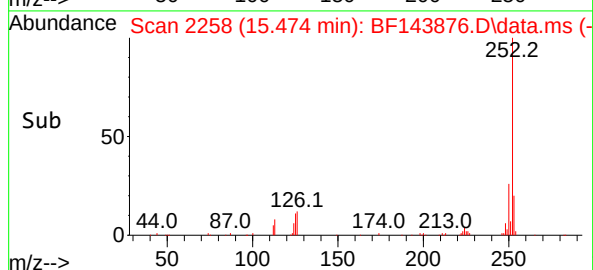
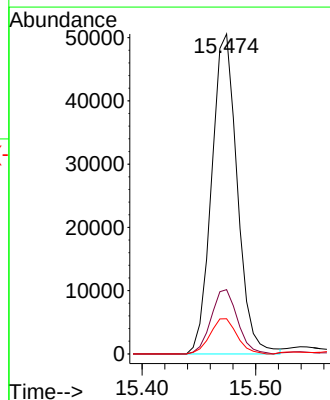
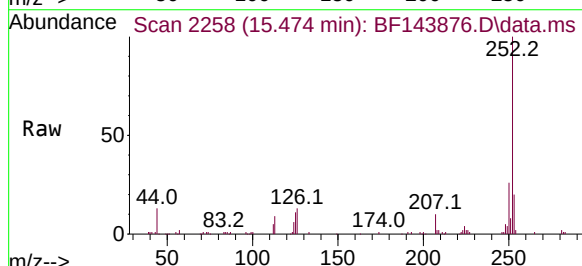
RT: 15.474 min Scan# 2258

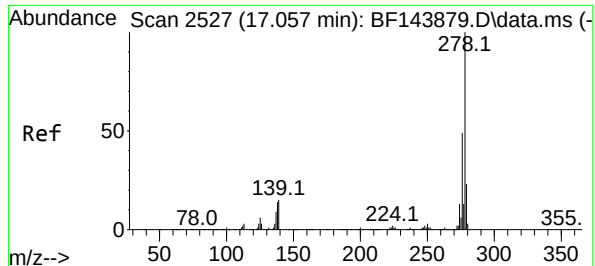
Delta R.T. -0.012 min

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

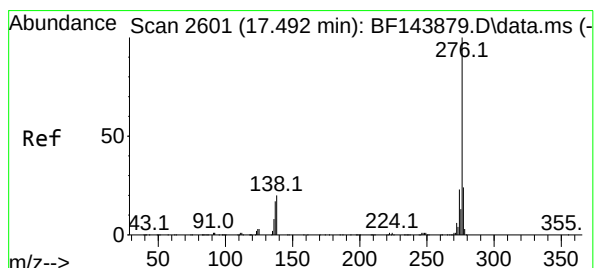
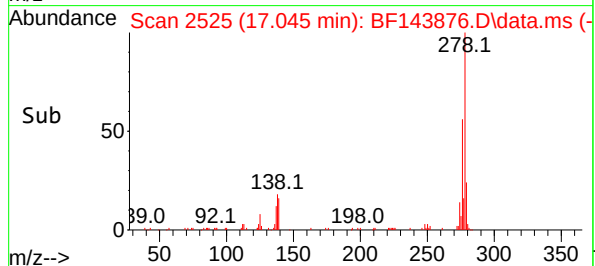
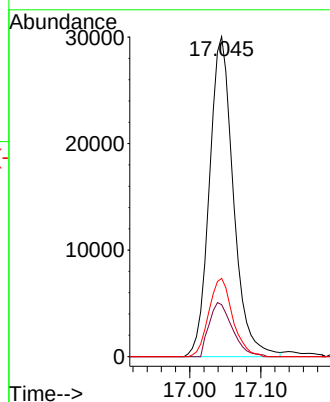
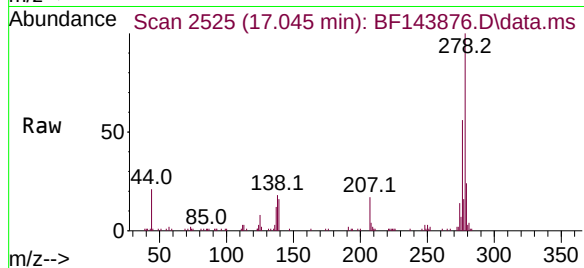
279 24.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

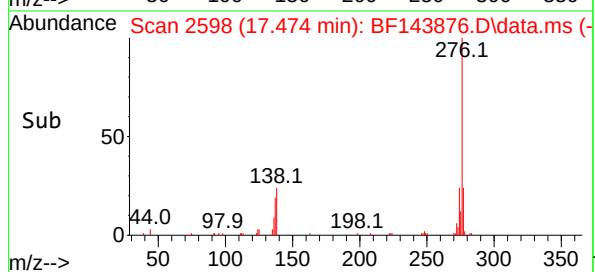
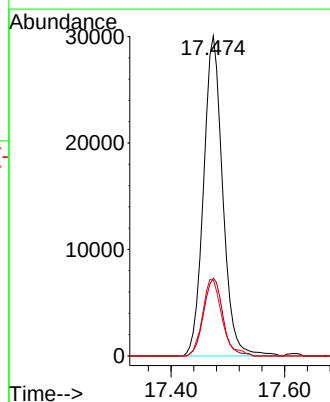
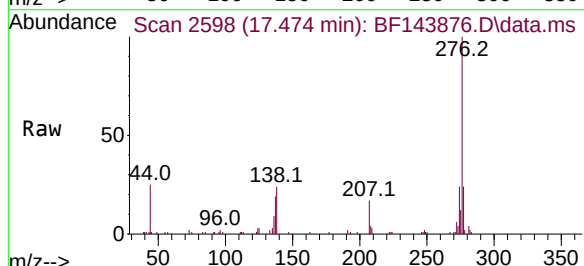
Tgt Ion:276 Resp: 70468

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

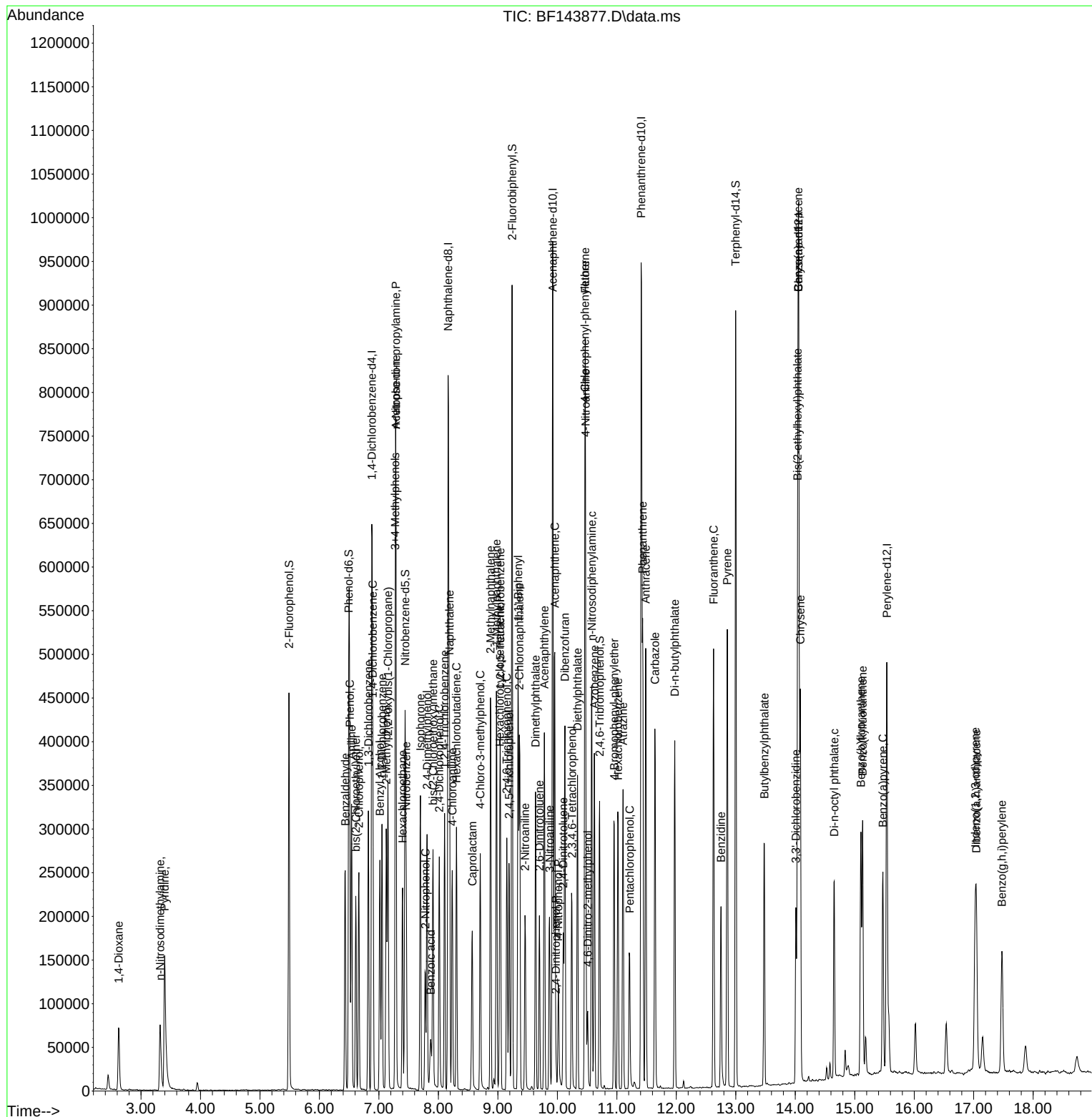
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Data File : BF143877.D  
Acq On    : 06 Oct 2025  10:57  
Operator  : RC/JU  
Sample    : SSTDICC010  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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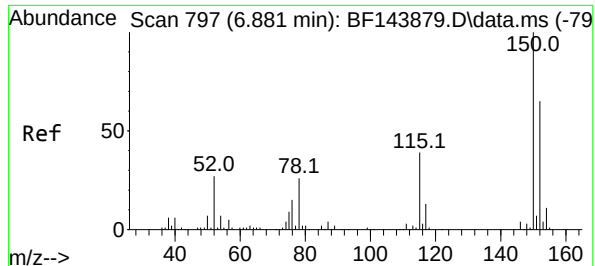
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

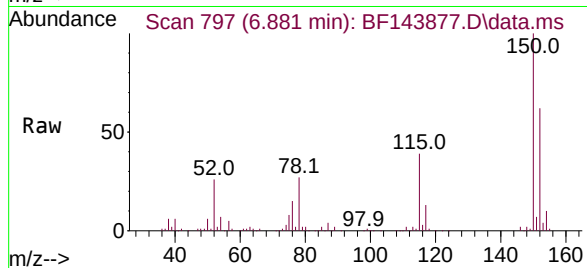
Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration





#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

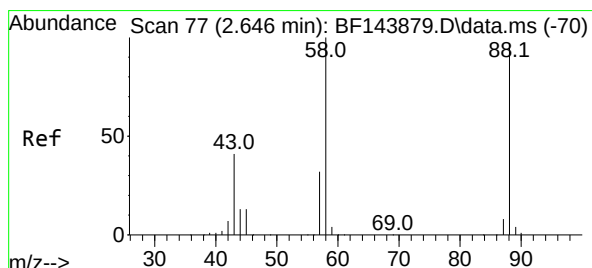
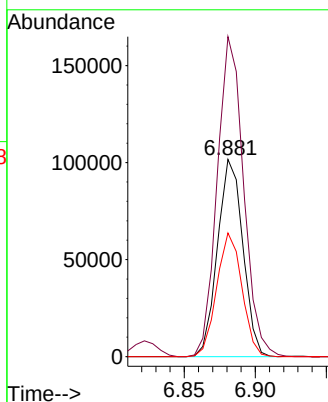
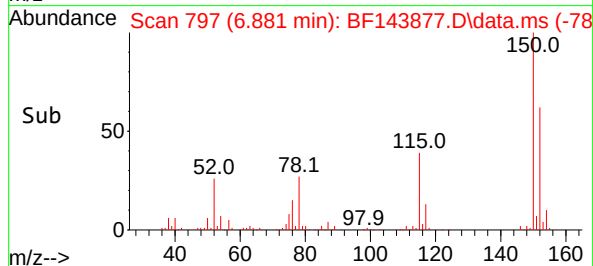
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

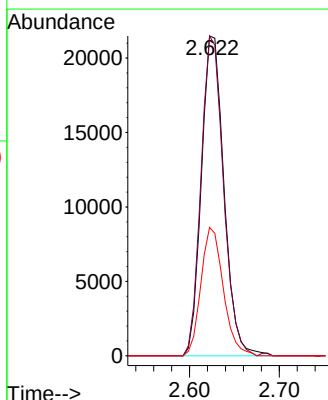
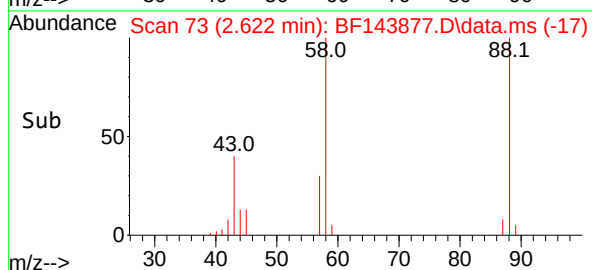
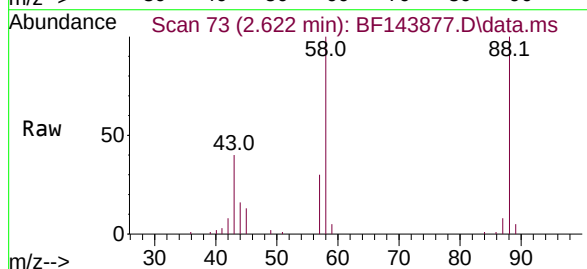
Manual Integrations
APPROVED

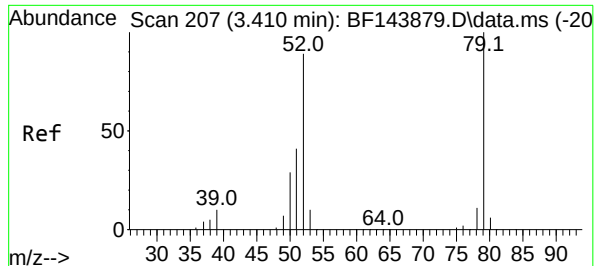
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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# 207

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

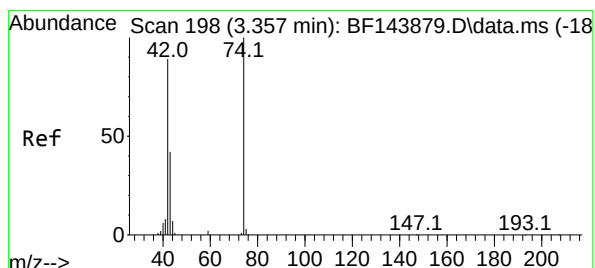
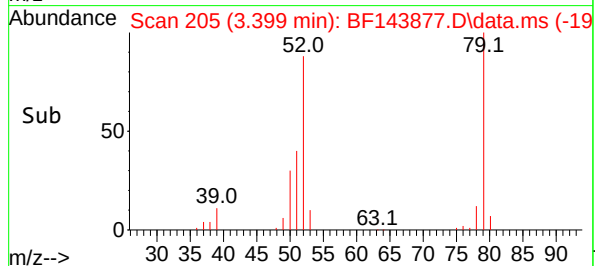
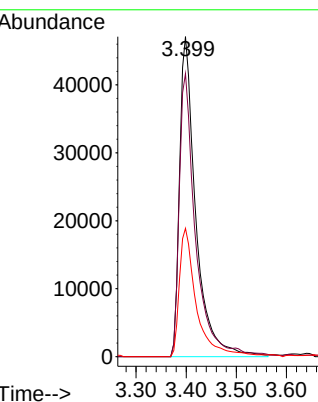
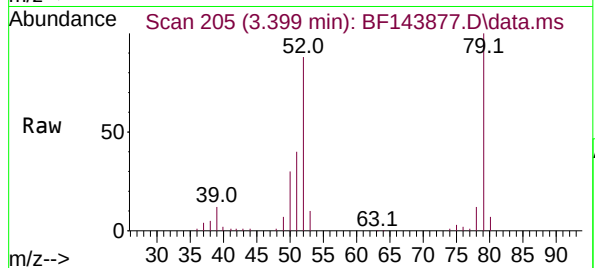
51 40.1 32.9 49.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

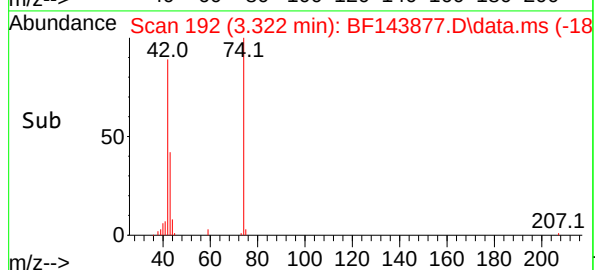
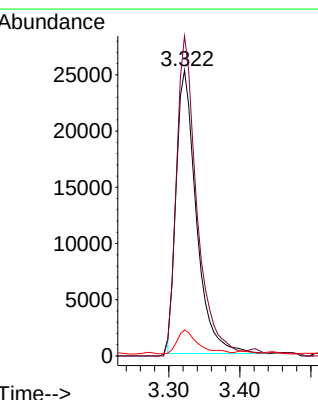
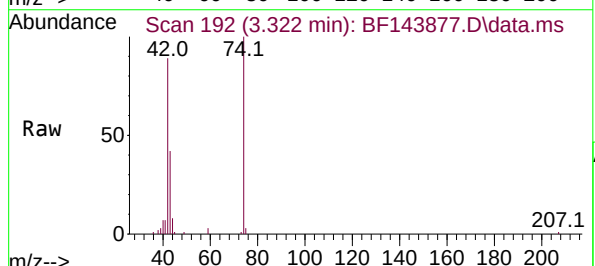
Tgt Ion: 42 Resp: 49793

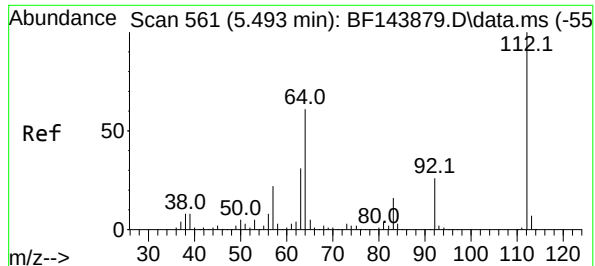
Ion Ratio Lower Upper

42 100

74 112.1 90.0 135.0

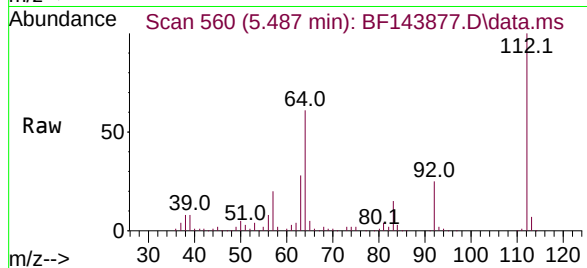
44 9.1 6.2 9.2





#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

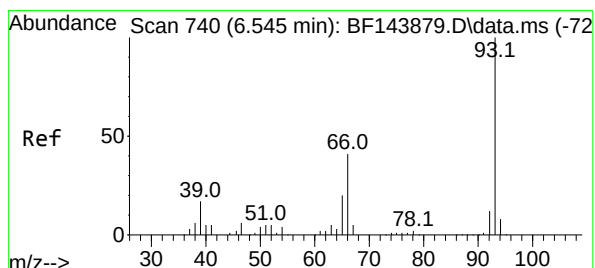
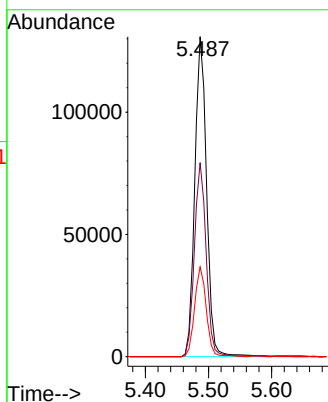
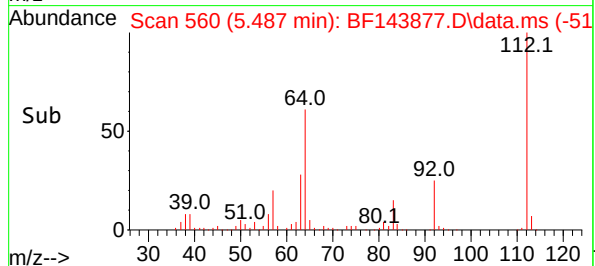
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

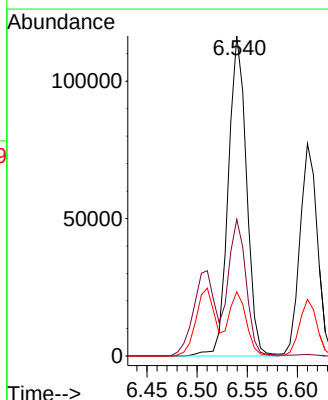
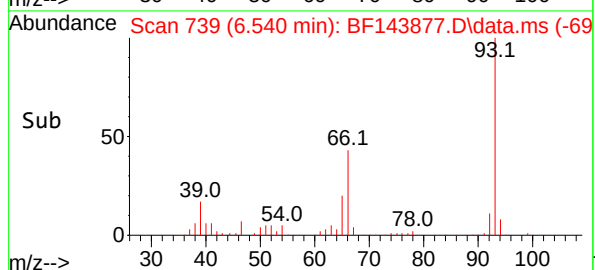
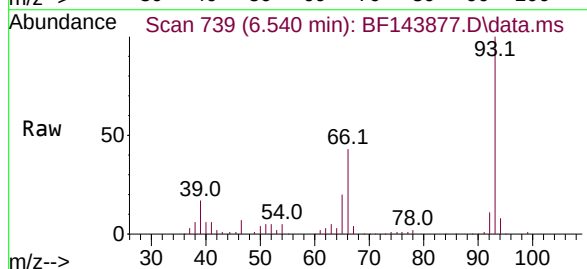
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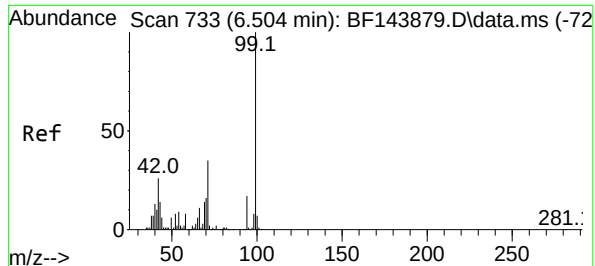
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

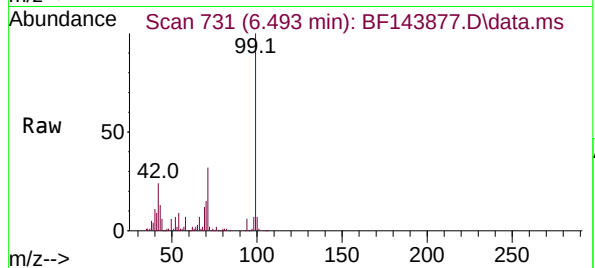
Tgt Ion: 93 Resp: 147222
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.6
65 20.0 15.8 23.8





#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

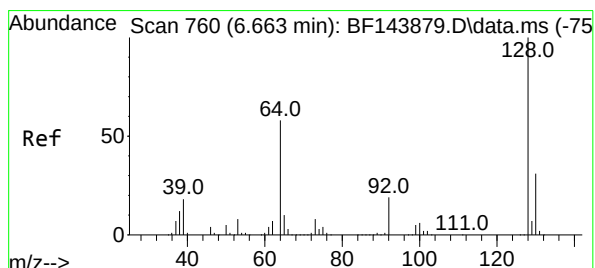
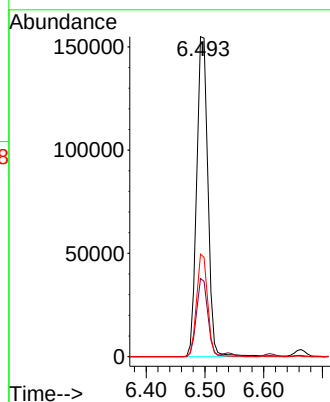
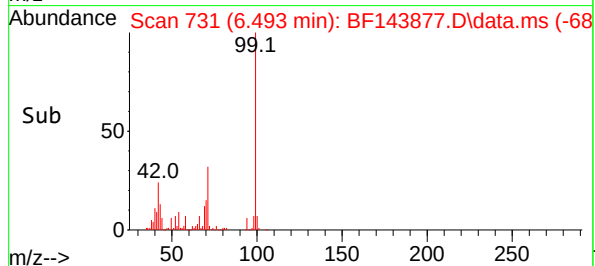
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

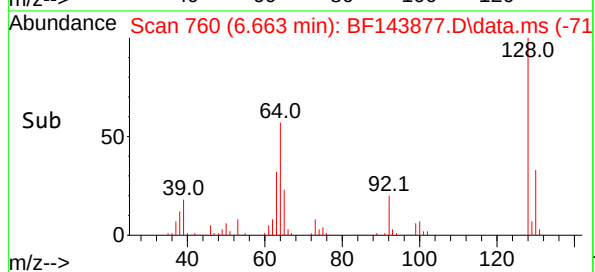
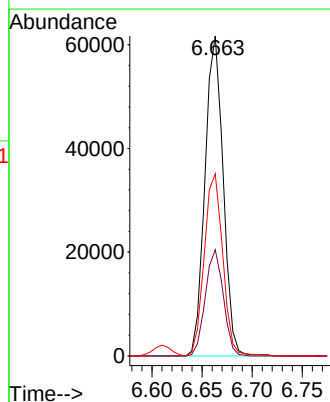
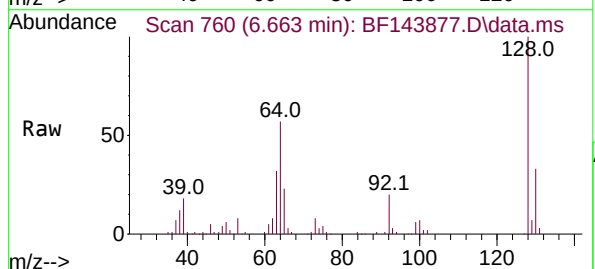
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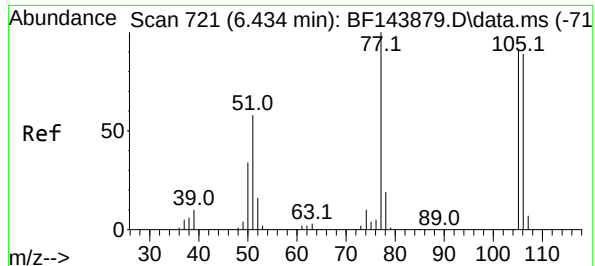
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

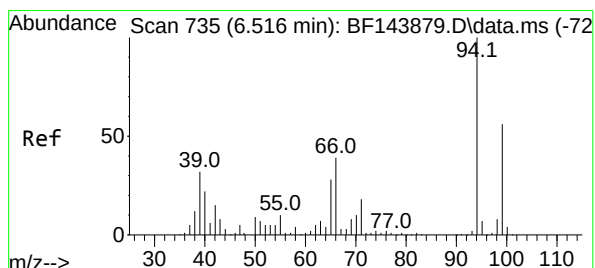
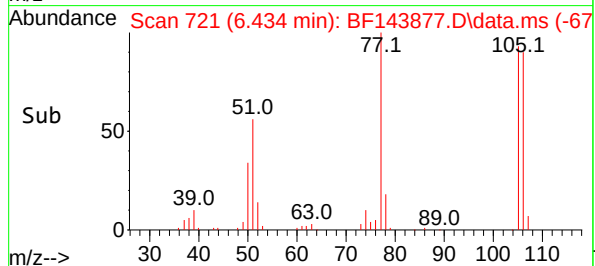
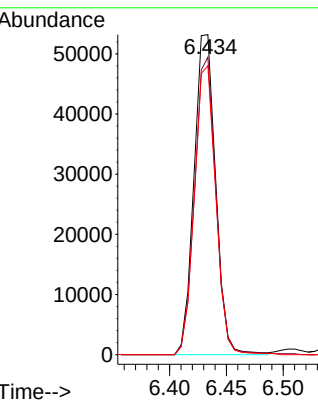
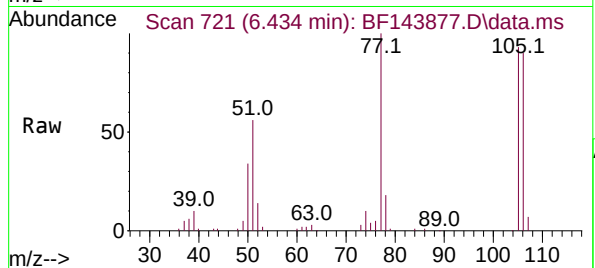
106 90.3 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

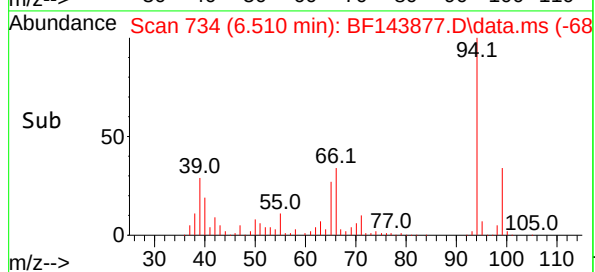
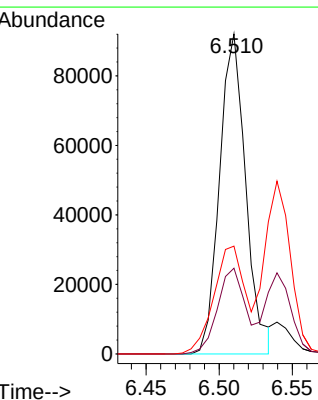
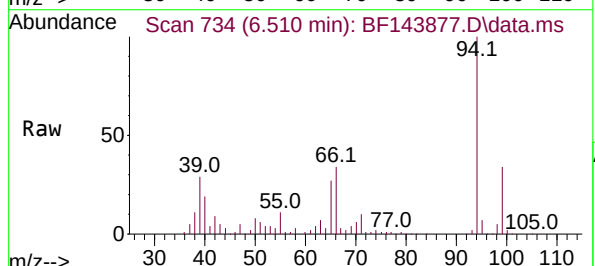
Tgt Ion: 94 Resp: 114780

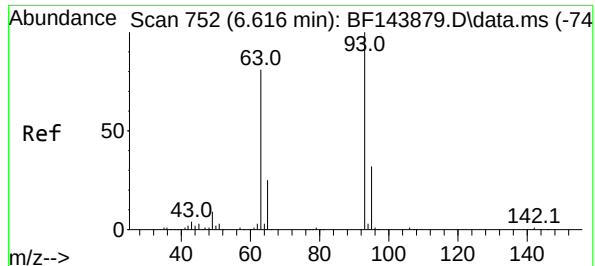
Ion Ratio Lower Upper

94 100

65 26.8 8.5 48.5

66 33.7 19.9 59.9





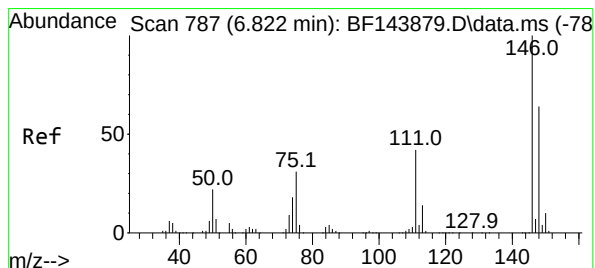
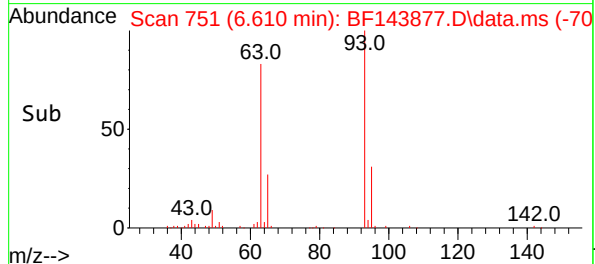
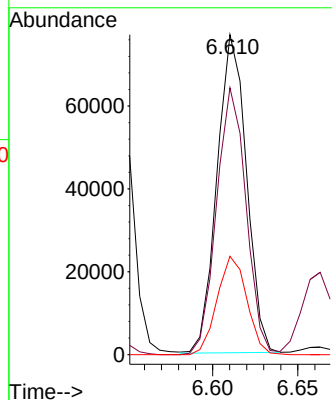
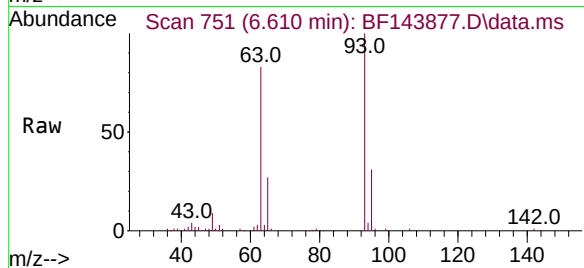
#11
bis(2-Chloroethyl)ether
Concen: 10.513 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

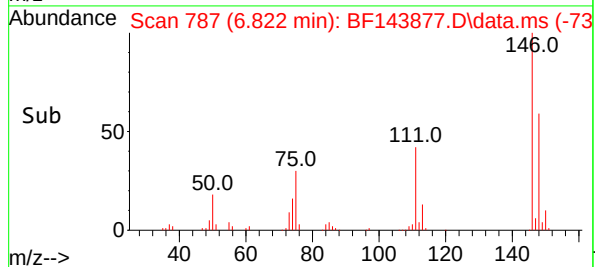
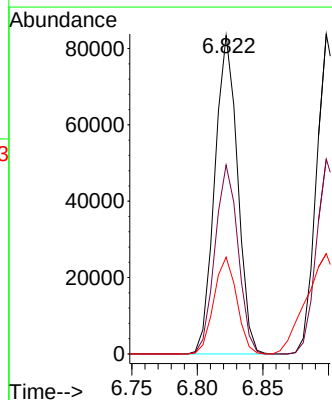
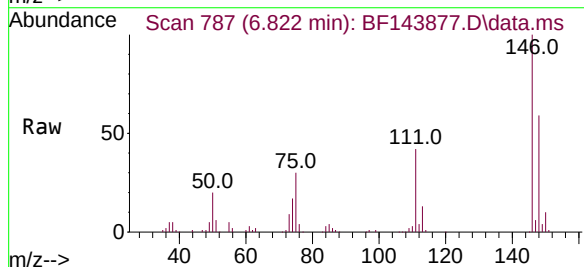
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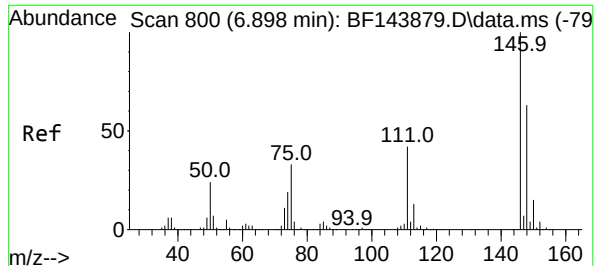
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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 :

SSTDICC010

Tgt Ion:146 Resp: 101588

Ion Ratio Lower Upper

146 100

148 60.9 50.5 75.7

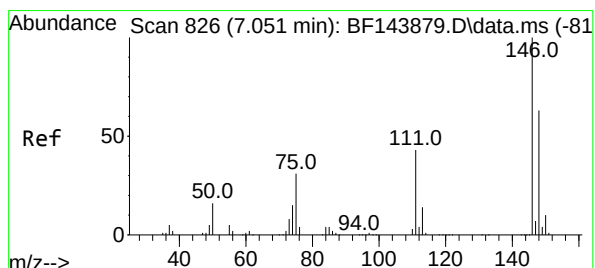
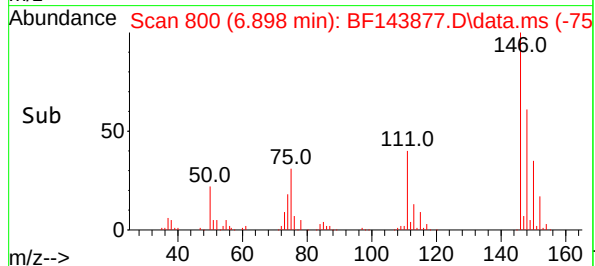
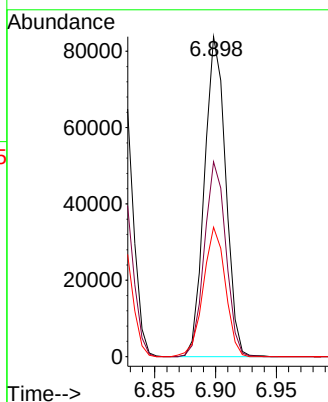
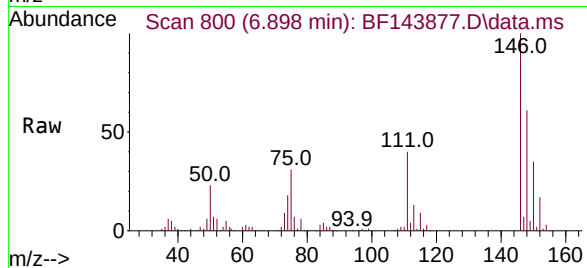
111 40.4 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

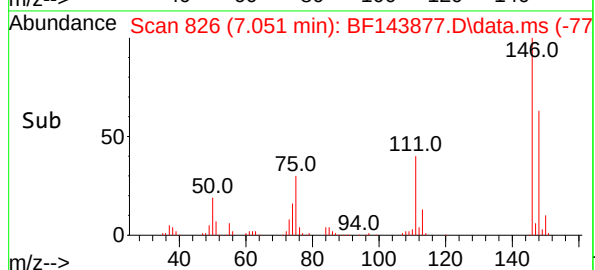
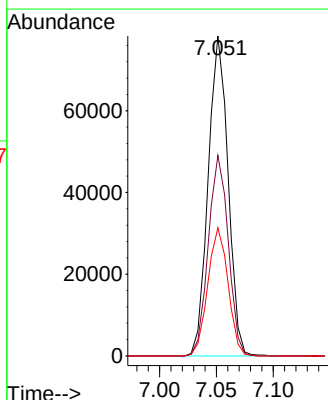
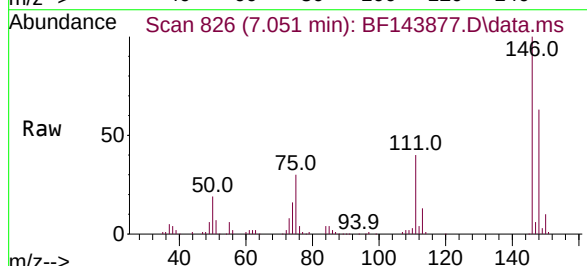
Tgt Ion:146 Resp: 95345

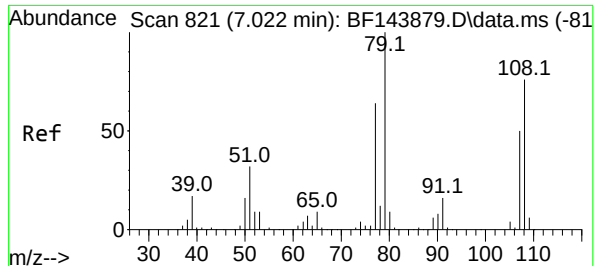
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

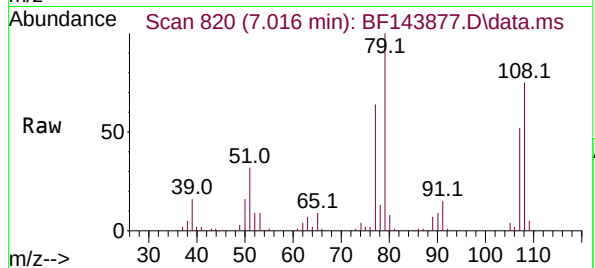
111 40.0 34.6 51.8





#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

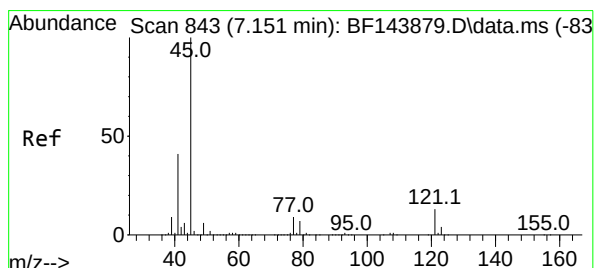
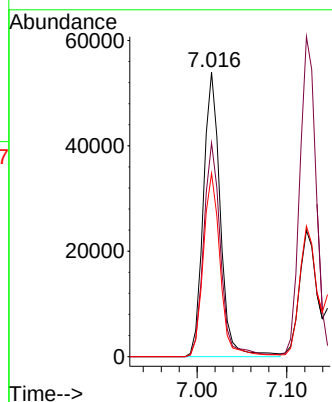
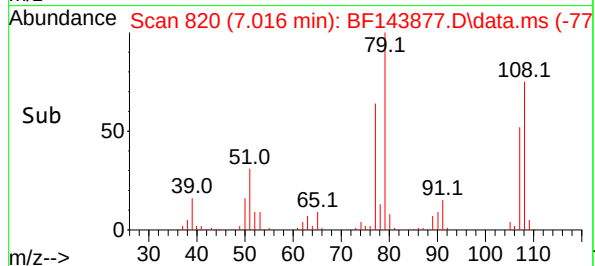
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

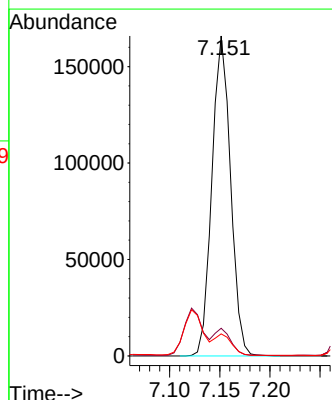
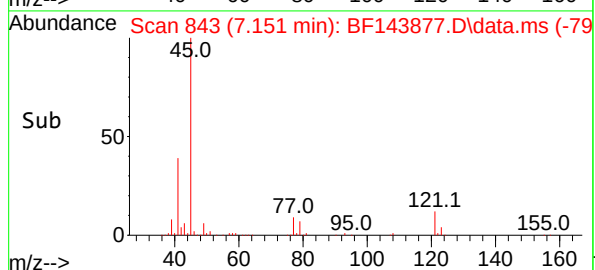
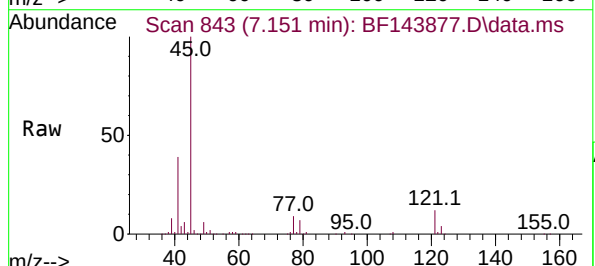
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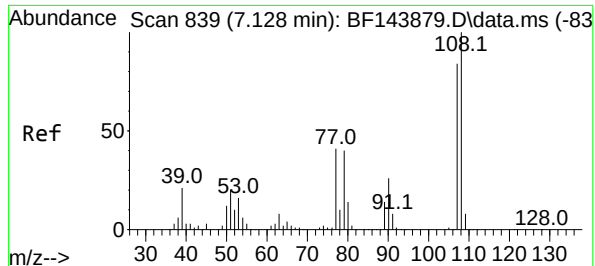
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

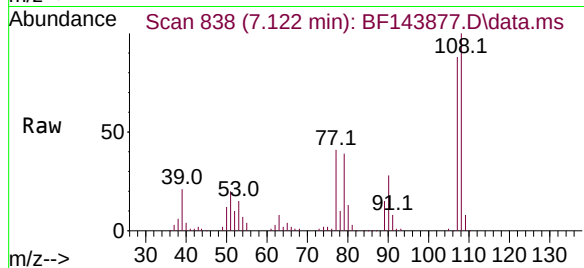
Tgt Ion: 45 Resp: 214183
Ion Ratio Lower Upper
45 100
77 8.6 0.0 29.0
79 6.9 0.0 26.8





#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

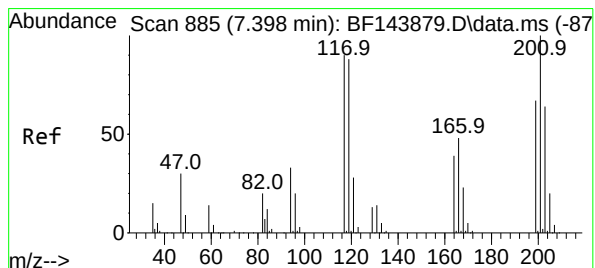
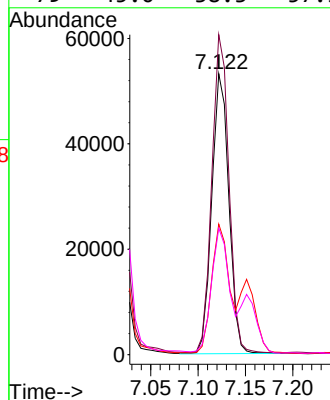
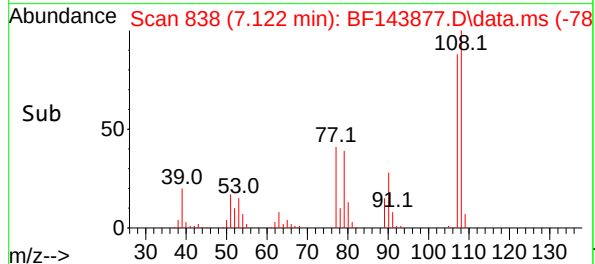
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

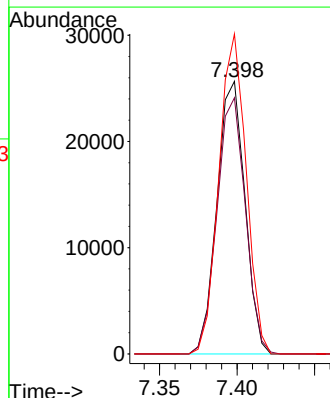
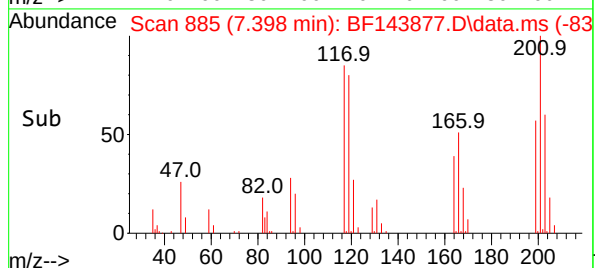
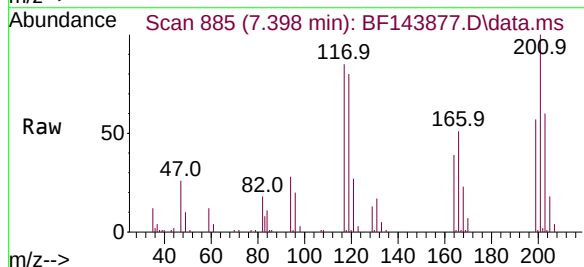
Manual Integrations
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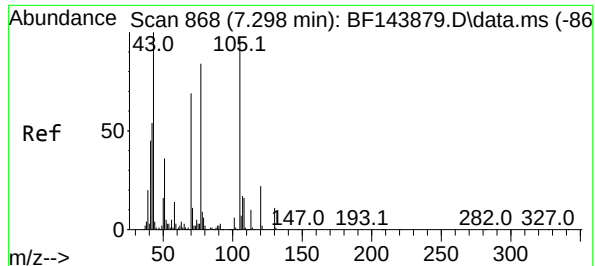
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

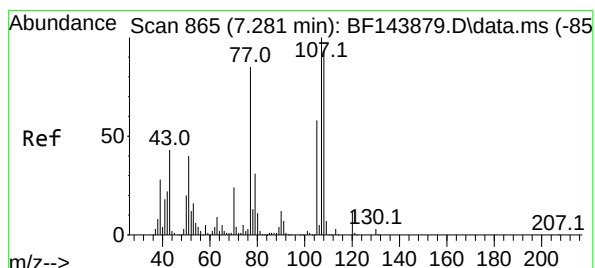
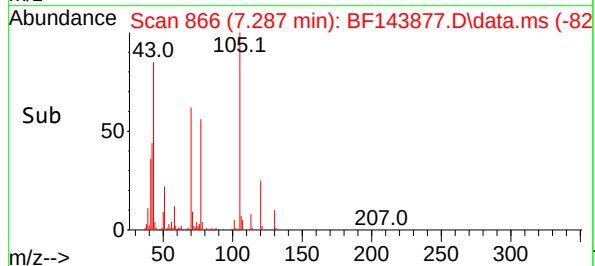
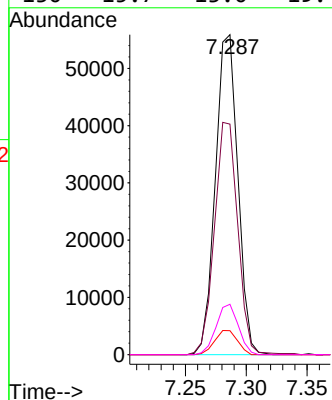
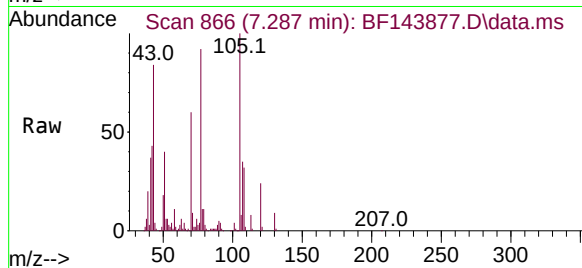
130 15.7 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

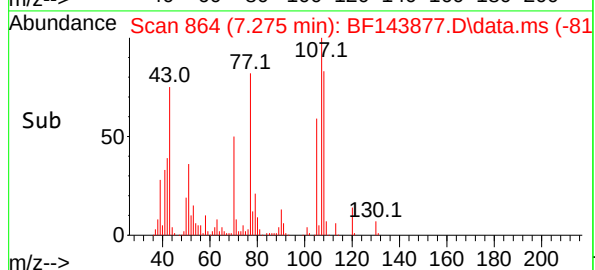
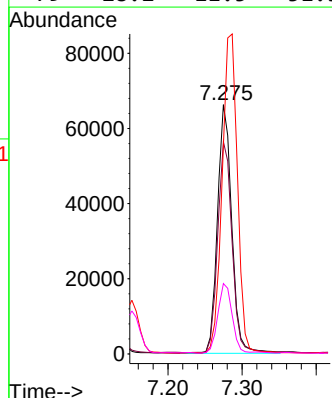
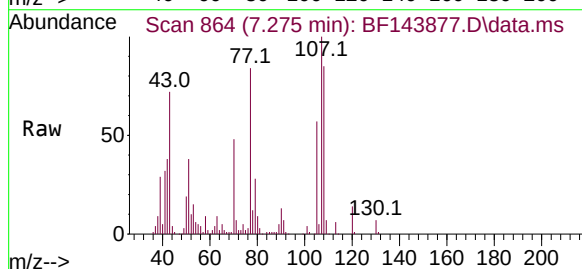
Ion Ratio Lower Upper

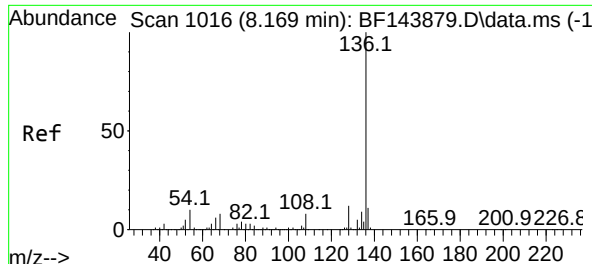
107 100

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# 1015

Delta R.T. -0.006 min

Lab File: BF143877.D

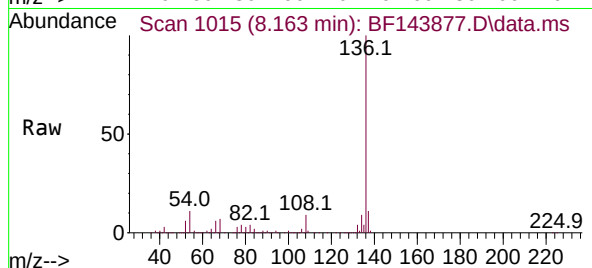
Acq: 06 Oct 2025 10:57

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

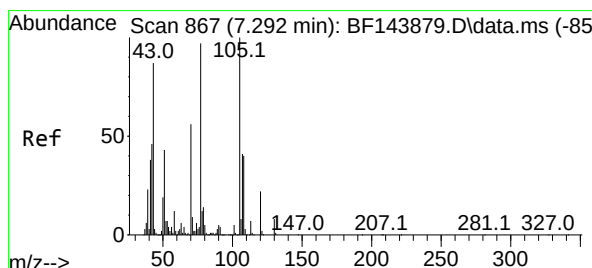
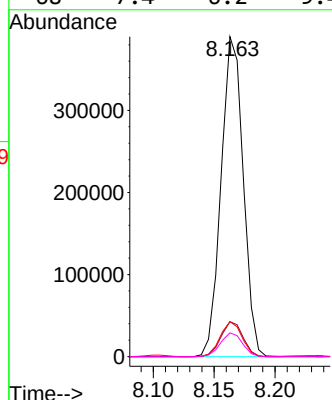
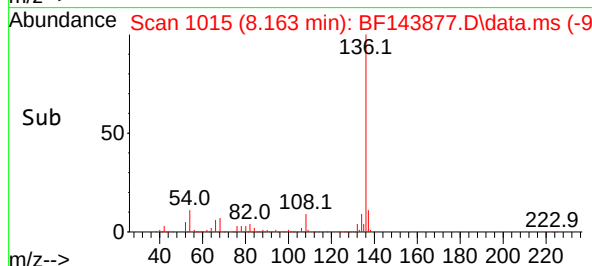
68 7.4 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#22

Acetophenone

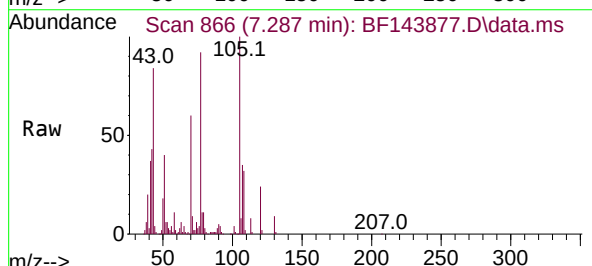
Concen: 10.900 ng

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

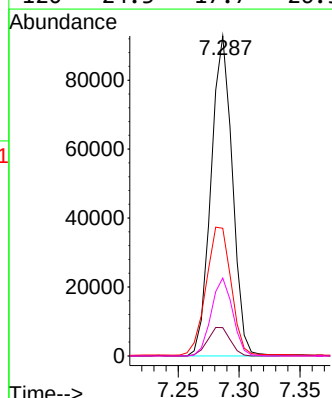
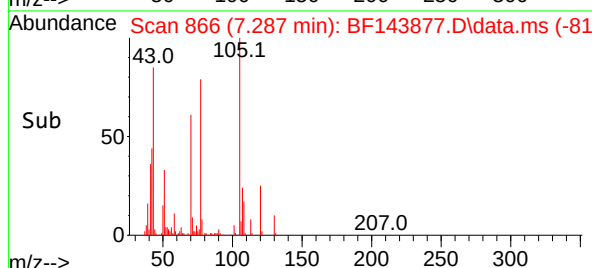
Ion Ratio Lower Upper

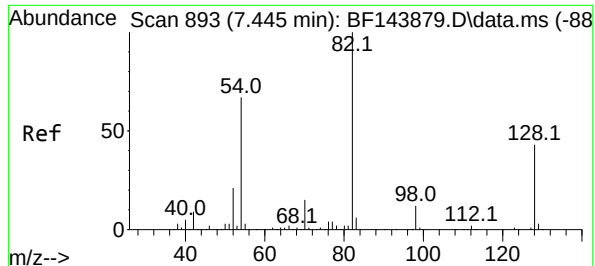
105 100

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: 16412

Ion Ratio Lower Upper

82 100

128 41.3 34.0 51.0

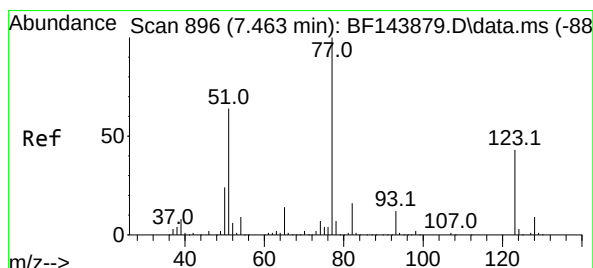
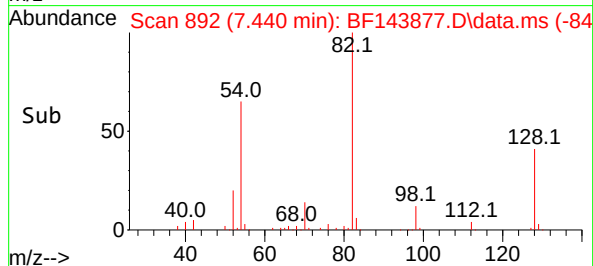
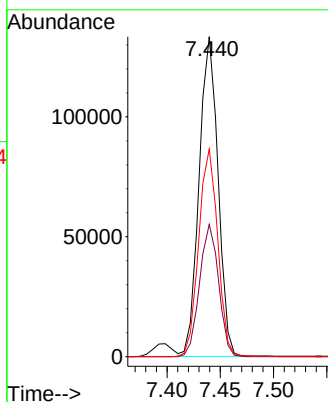
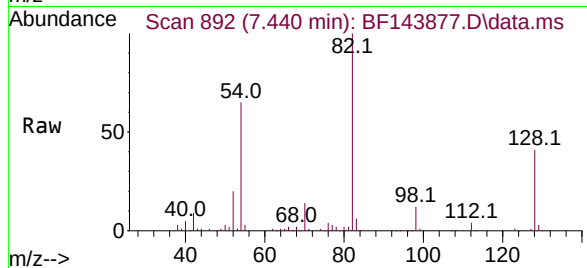
54 64.9 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

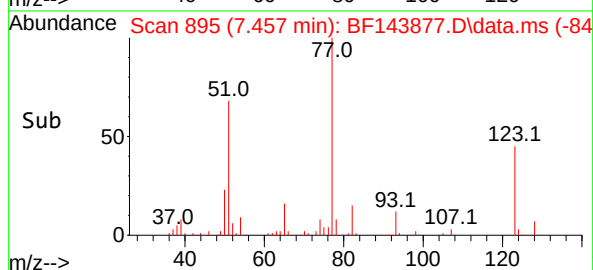
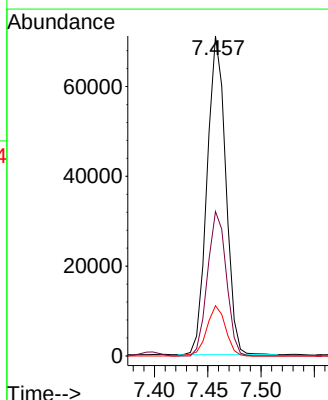
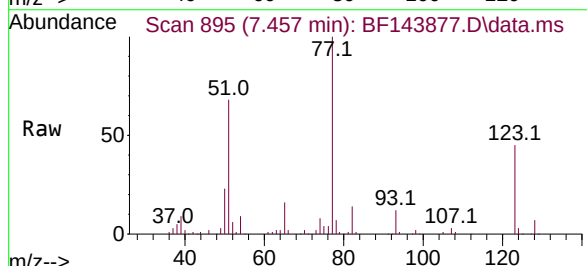
Tgt Ion: 77 Resp: 86228

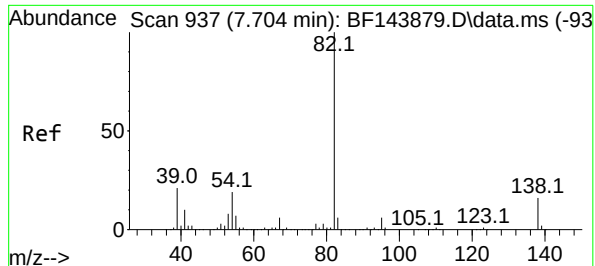
Ion Ratio Lower Upper

77 100

123 45.1 34.2 51.4

65 15.7 11.0 16.6





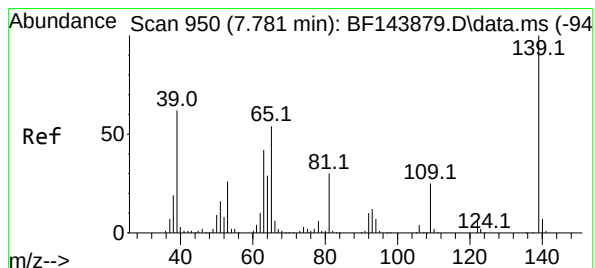
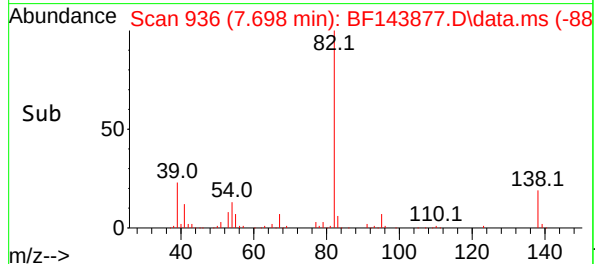
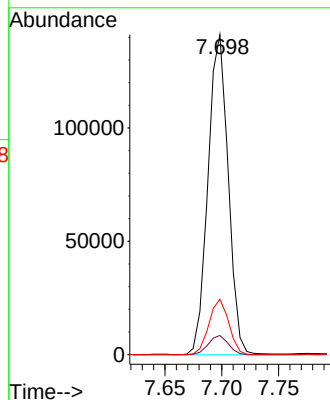
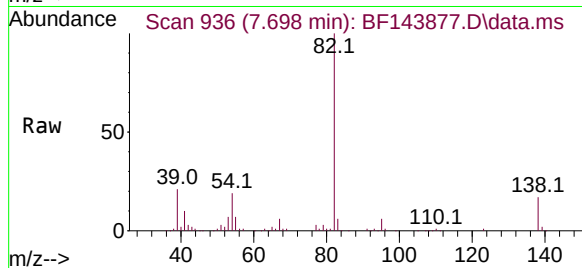
#25
Isophorone
Concen: 10.203 ng
RT: 7.698 min Scan# 937
Delta R.T. -0.023 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

Tgt Ion: 82 Resp: 174762
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 17.3 12.9 19.3

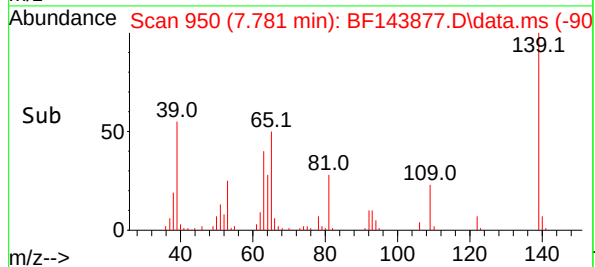
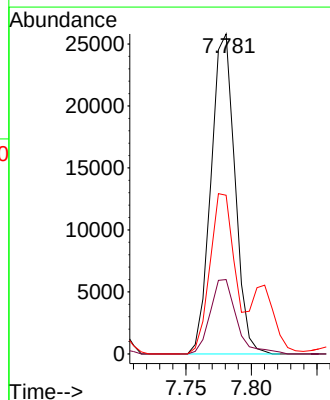
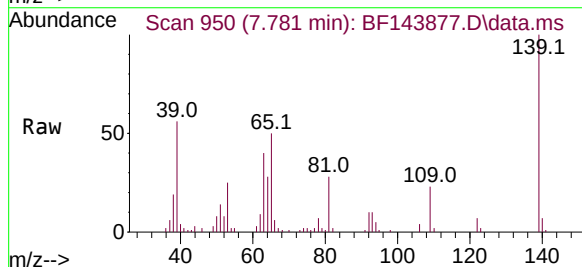
Manual Integrations
APPROVED

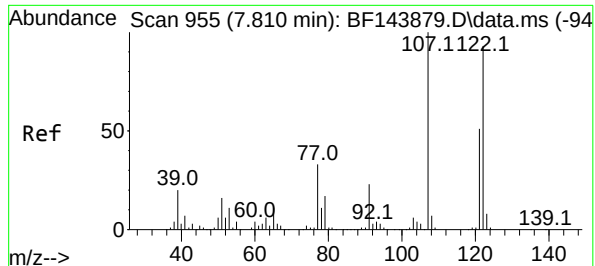
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





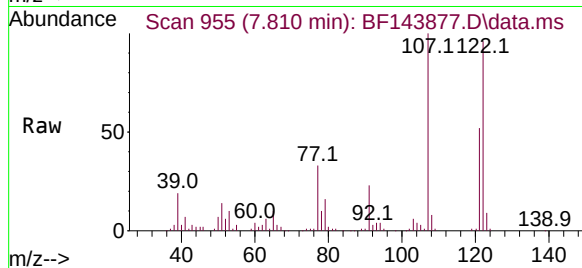
#27
2,4-Dimethylphenol
Concen: 10.199 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

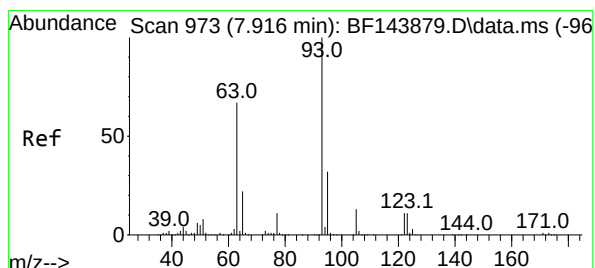
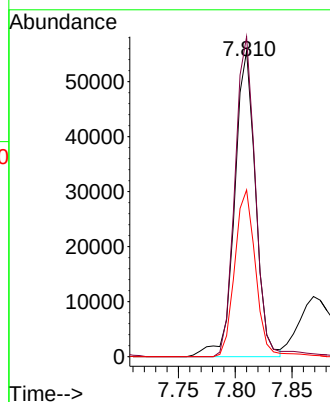
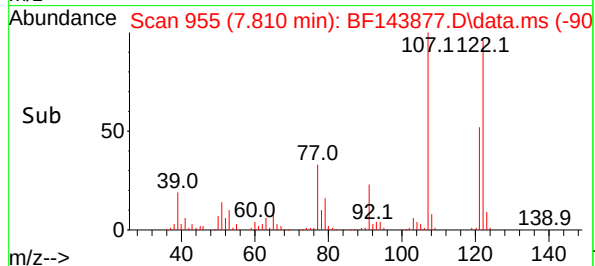


Tgt Ion:122 Resp: 70960
Ion Ratio Lower Upper
122 100
107 104.7 86.1 129.1
121 54.5 43.8 65.6

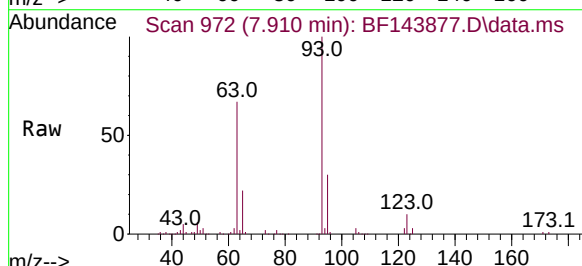
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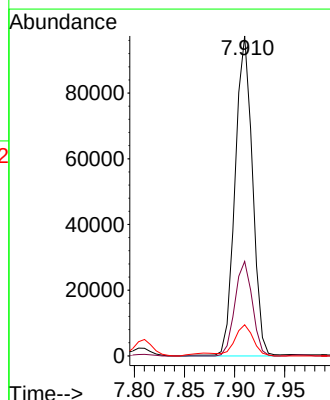
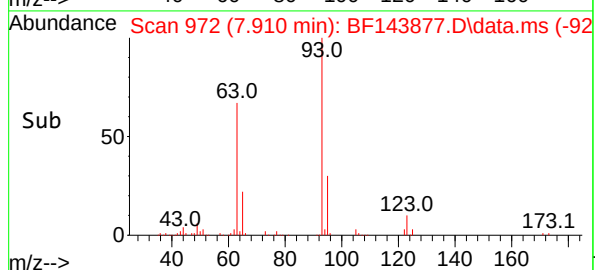
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

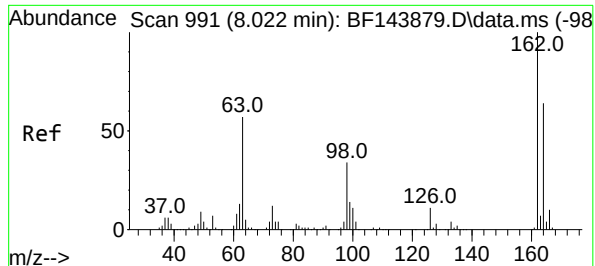


#28
bis(2-Chloroethoxy)methane
Concen: 10.804 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



Tgt Ion: 93 Resp: 116898
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 :

SSTDICC010

Tgt Ion:162 Resp: 7214

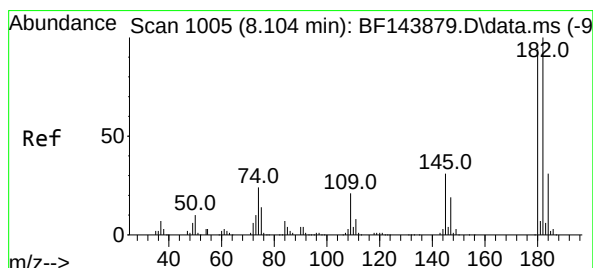
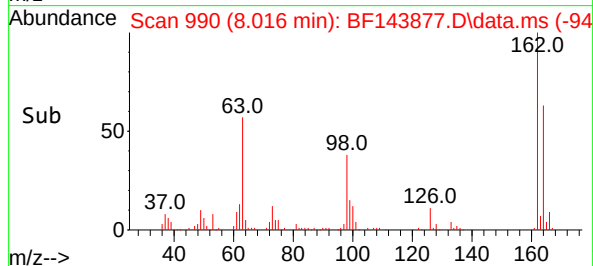
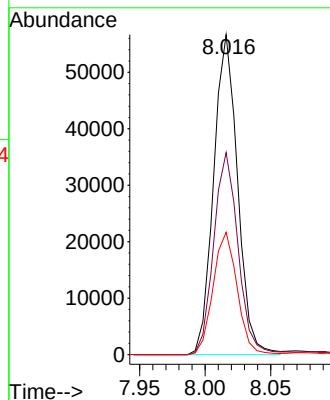
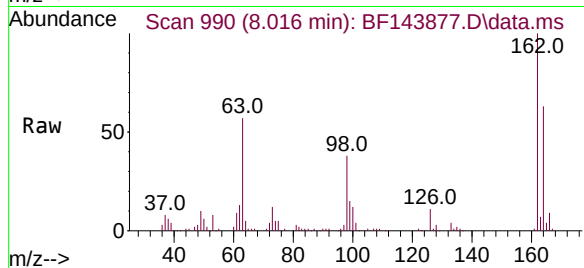
Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.9	83.9
98	38.2	14.4	54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 10.336 ng

RT: 8.104 min Scan# 1005

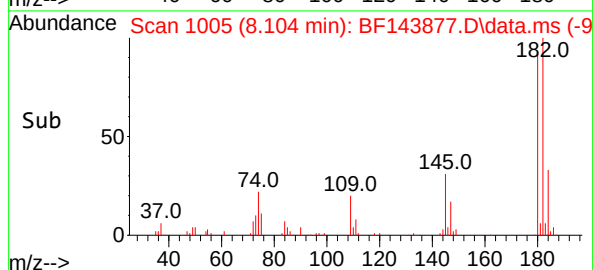
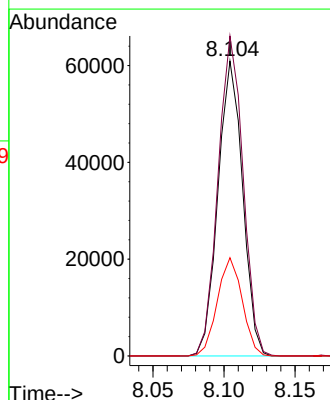
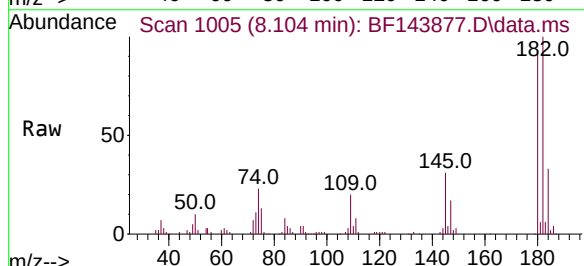
Delta R.T. -0.006 min

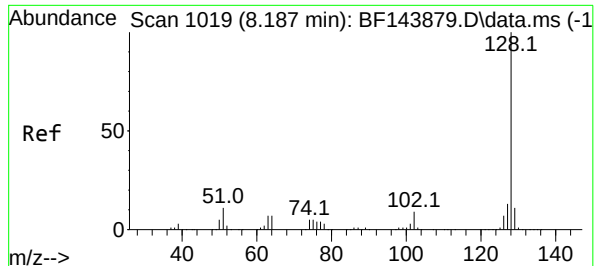
Lab File: BF143877.D

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# 1019

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:128 Resp: 24585

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

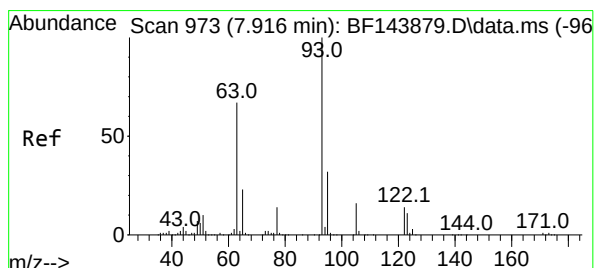
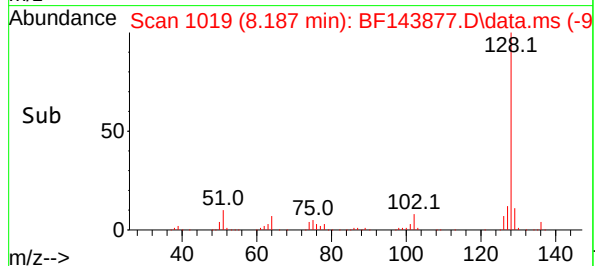
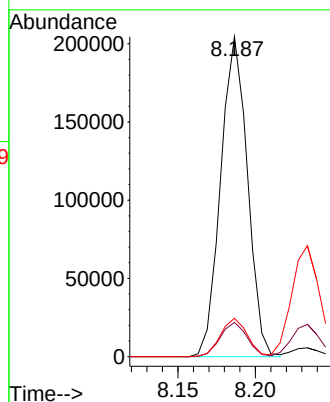
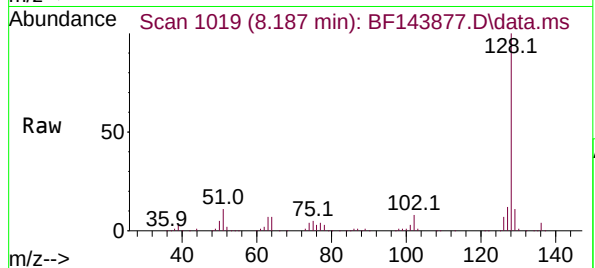
127 12.0 10.0 15.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

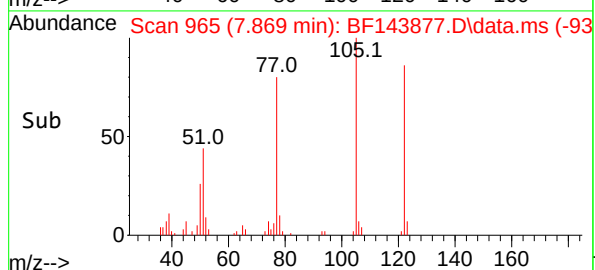
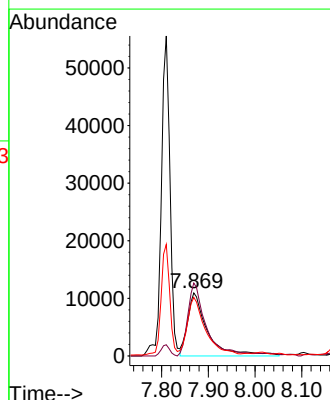
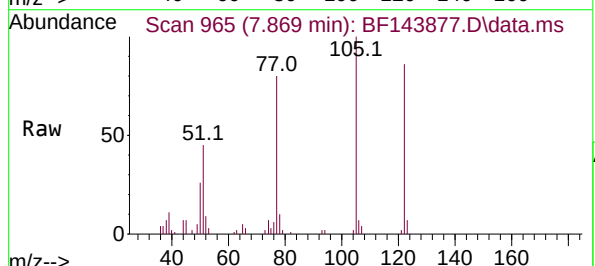
Tgt Ion:122 Resp: 32361

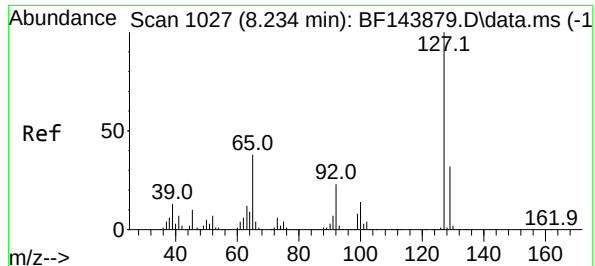
Ion Ratio Lower Upper

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

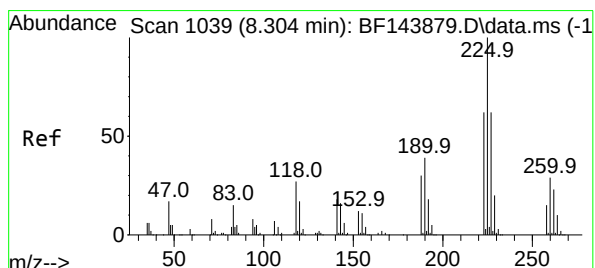
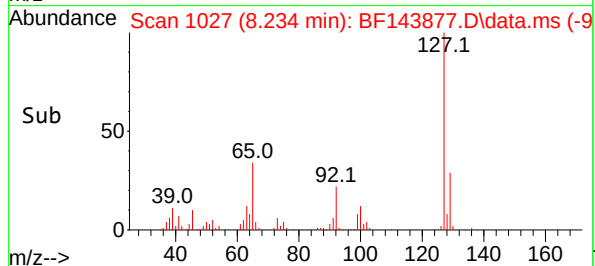
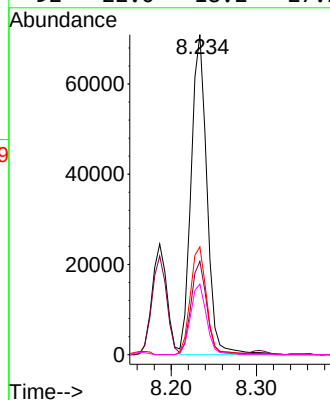
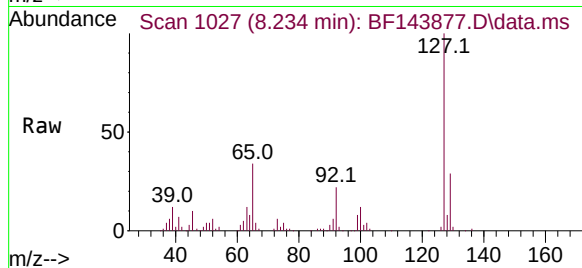
Tgt Ion:	127	Resp:	91294
Ion Ratio	Lower	Upper	
127	100		
129	29.1	25.8	38.8
65	33.7	30.0	45.0
92	22.0	18.2	27.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#34

Hexachlorobutadiene

Concen: 10.665 ng

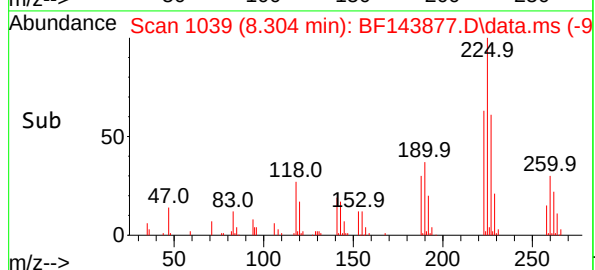
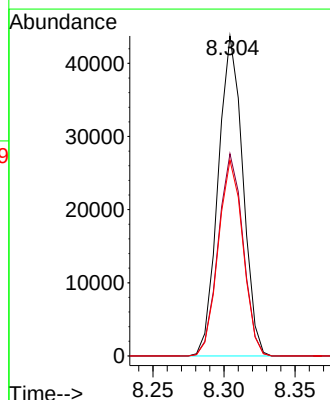
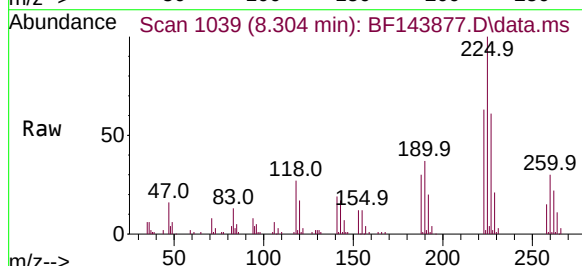
RT: 8.304 min Scan# 1039

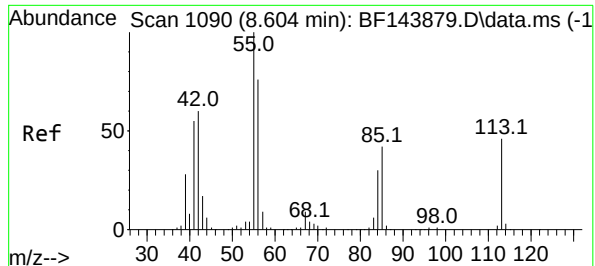
Delta R.T. -0.006 min

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





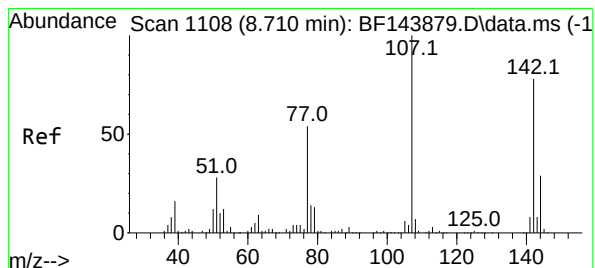
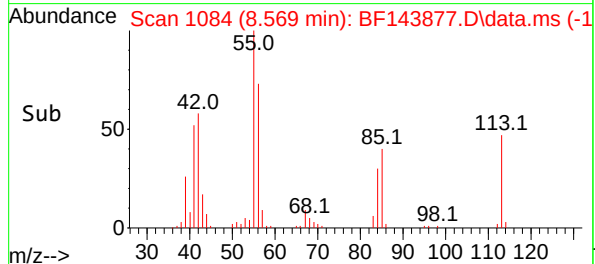
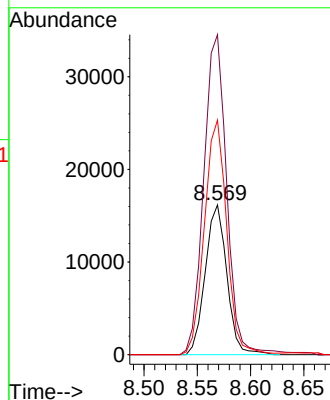
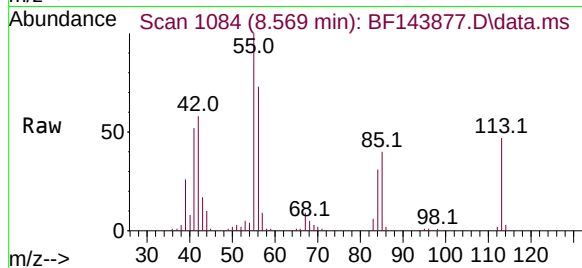
#35
Caprolactam
Concen: 9.900 ng
RT: 8.569 min Scan# 1090
Delta R.T. -0.076 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

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

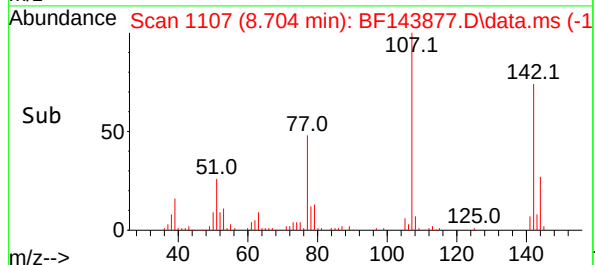
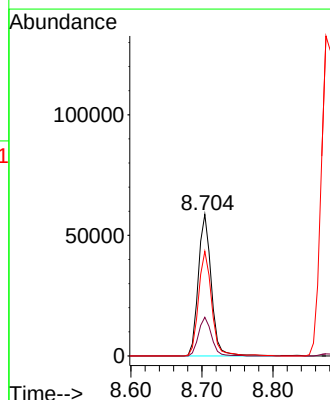
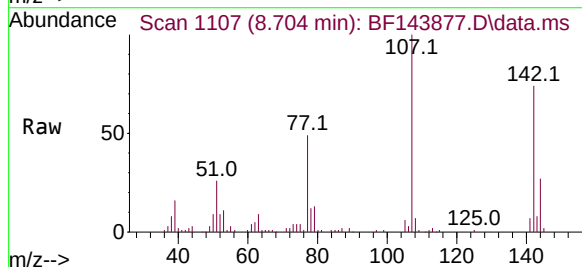
Manual Integrations
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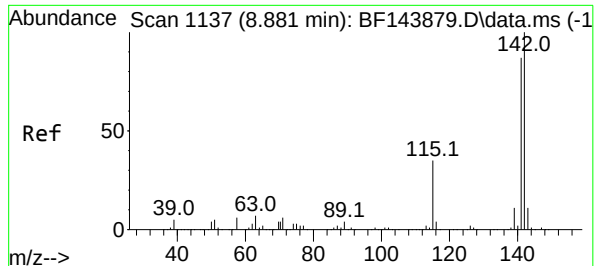
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





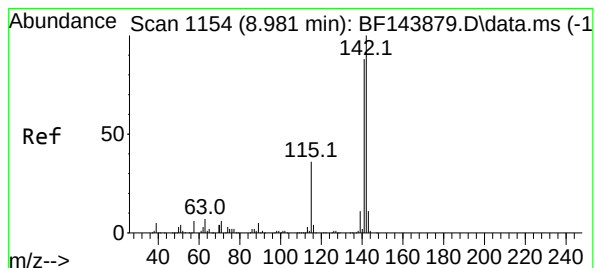
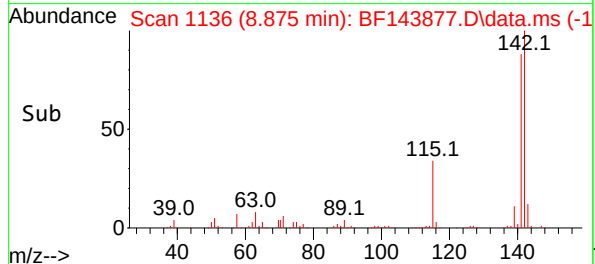
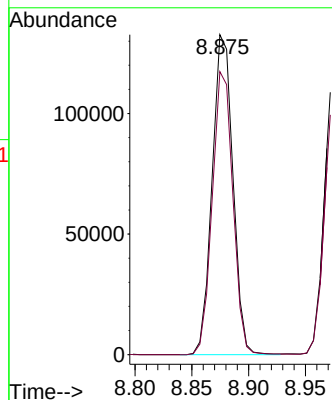
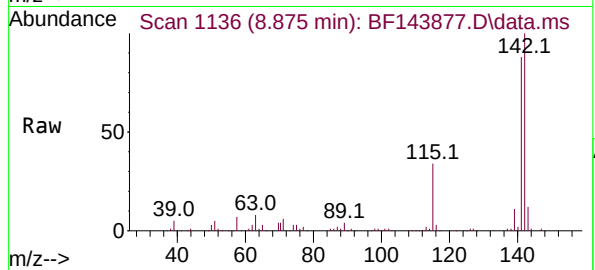
#37
2-Methylnaphthalene
Concen: 11.272 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 16858
Ion Ratio Lower Upper
142 100
141 88.4 69.2 103.8

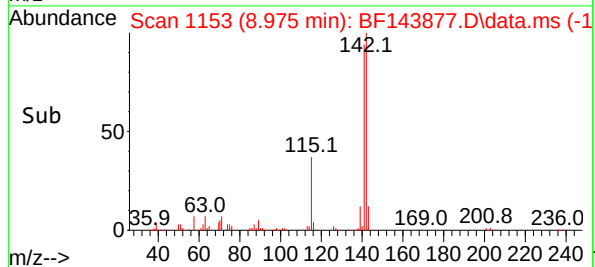
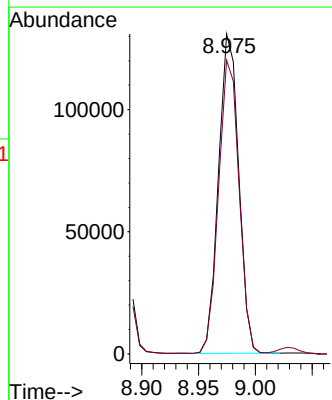
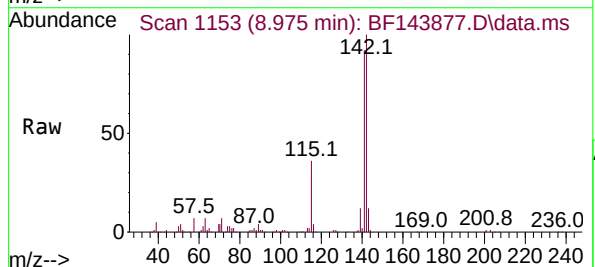
Manual Integrations
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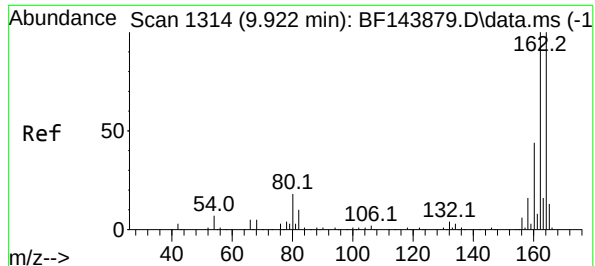
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

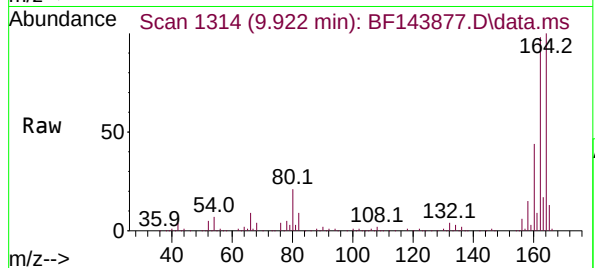
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:164 Resp: 28382

Ion Ratio Lower Upper

164 100

162 97.5 80.2 120.2

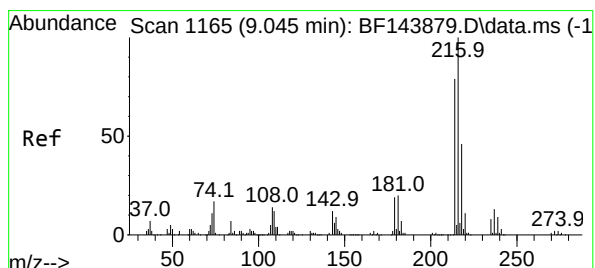
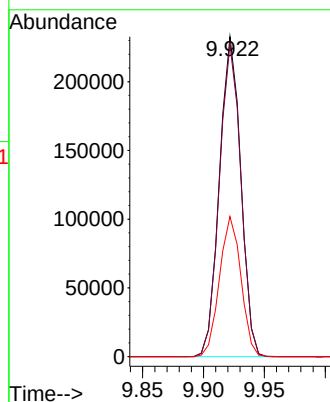
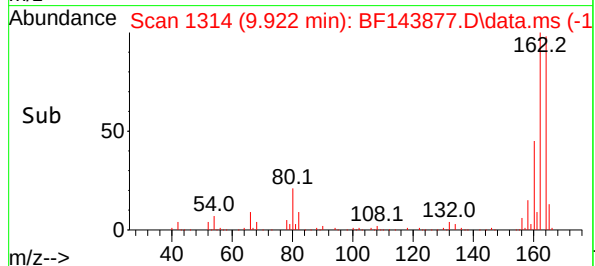
160 43.8 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

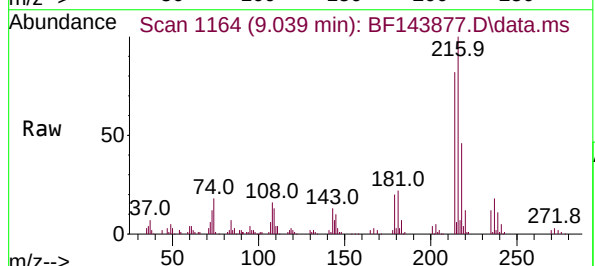
Concen: 10.705 ng

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

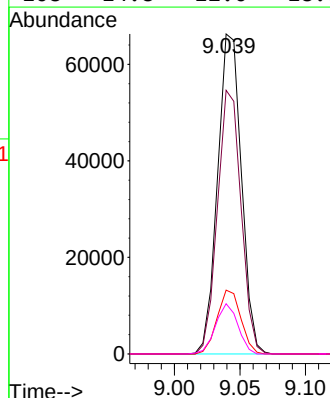
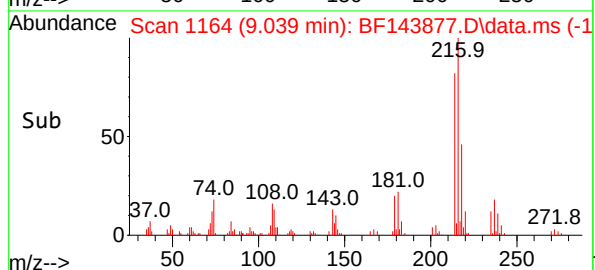
Ion Ratio Lower Upper

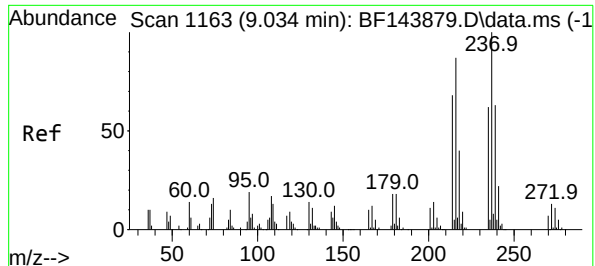
216 100

214 81.4 62.6 94.0

179 19.8 15.4 23.0

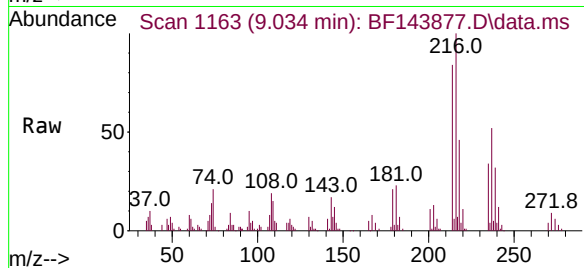
108 14.8 12.0 18.0





#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

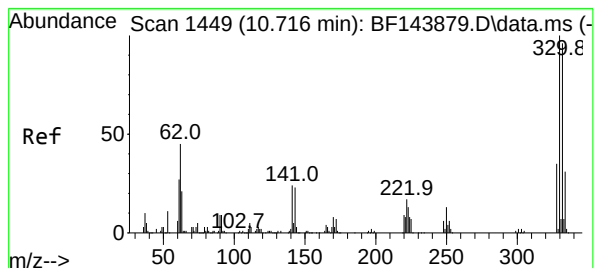
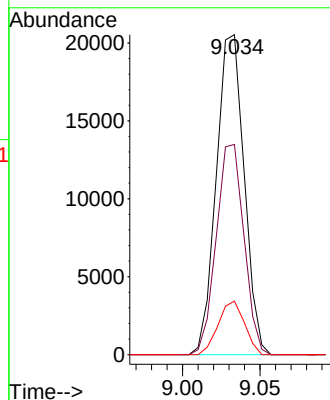
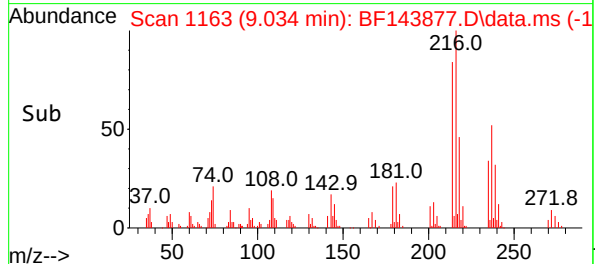
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion: 237 Resp: 25812
Ion Ratio Lower Upper
237 100
235 65.7 42.3 82.3
272 16.7 0.0 33.1

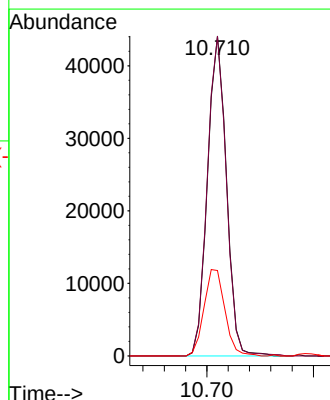
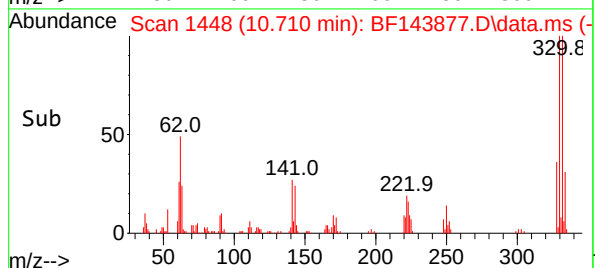
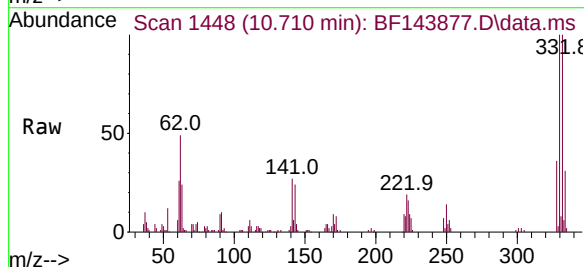
Manual Integrations
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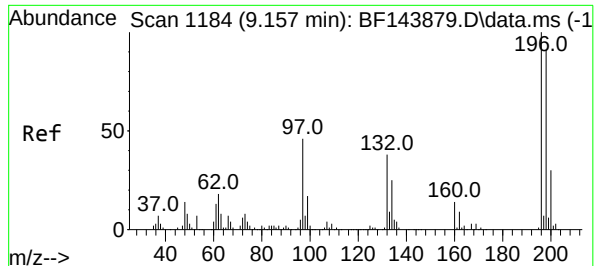
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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: 330 Resp: 54453
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

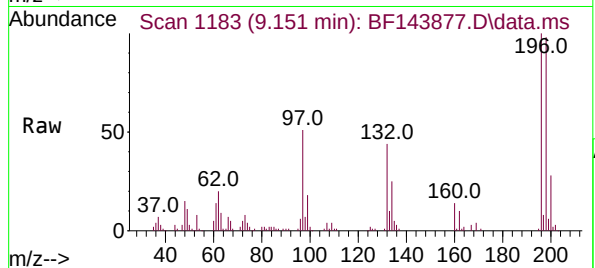
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:196 Resp: 55929

Ion Ratio Lower Upper

196 100

198 98.4 72.8 109.2

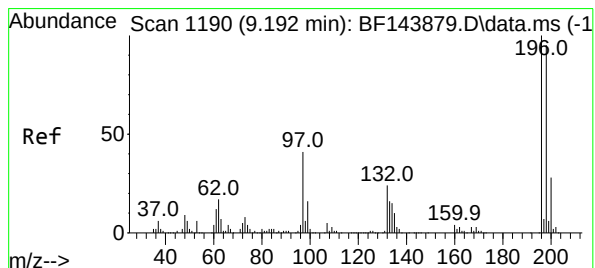
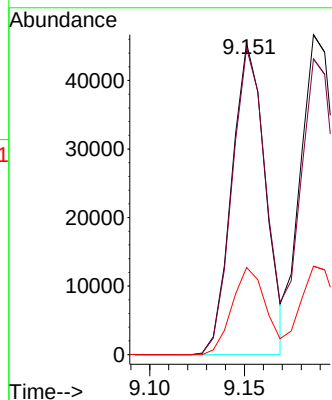
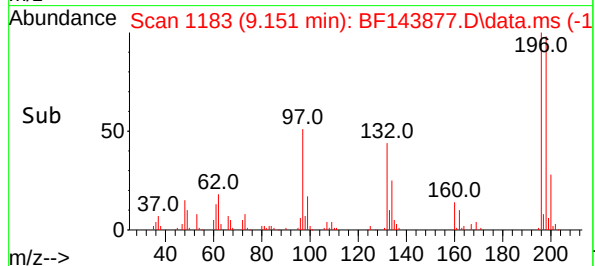
200 28.0 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

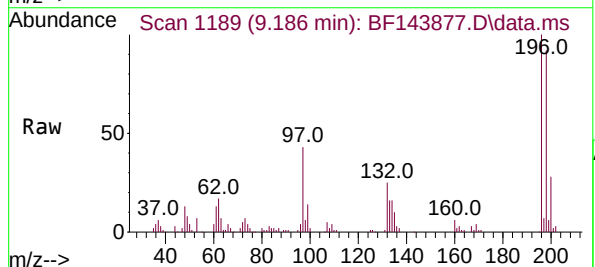
Concen: 10.407 ng

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

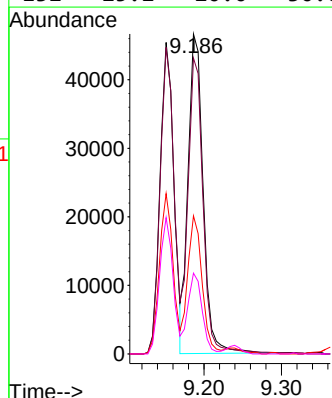
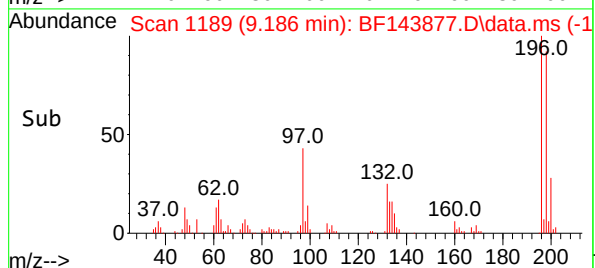
Ion Ratio Lower Upper

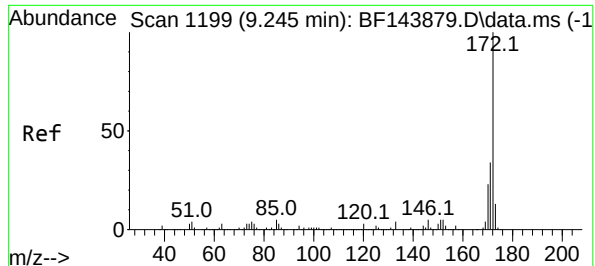
196 100

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

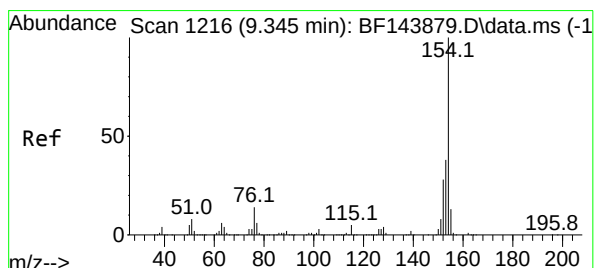
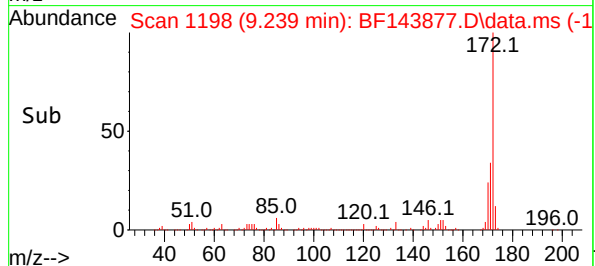
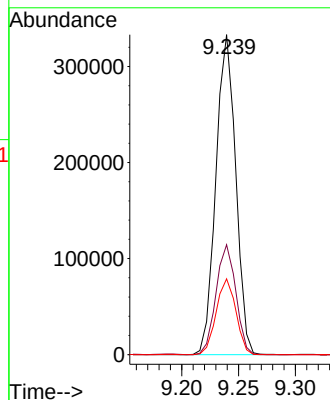
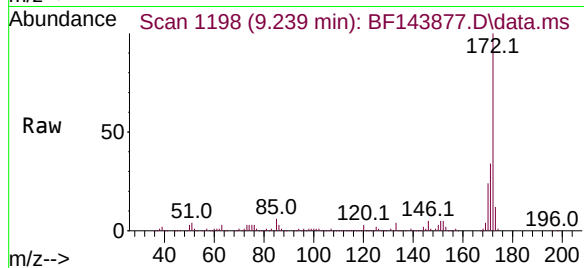
170 23.7 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

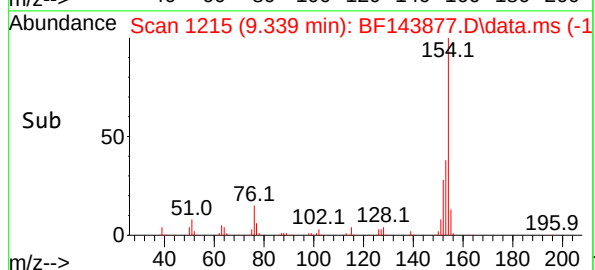
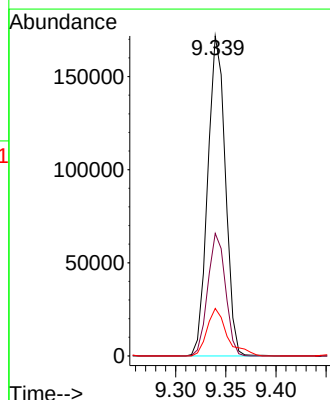
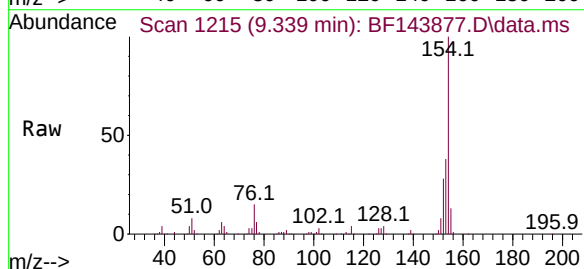
Tgt Ion:154 Resp: 209528

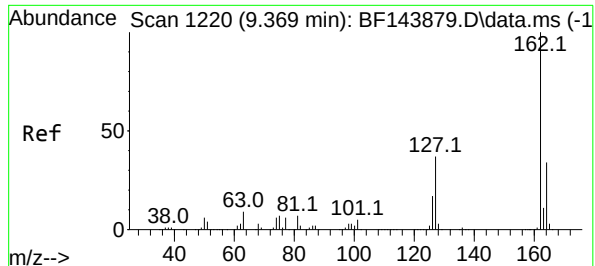
Ion Ratio Lower Upper

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# 1219

Delta R.T. -0.012 min

Lab File: BF143877.D

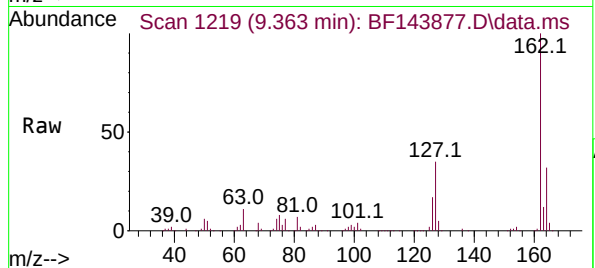
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:162 Resp: 169672

Ion Ratio Lower Upper

162 100

127 35.1 30.2 45.2

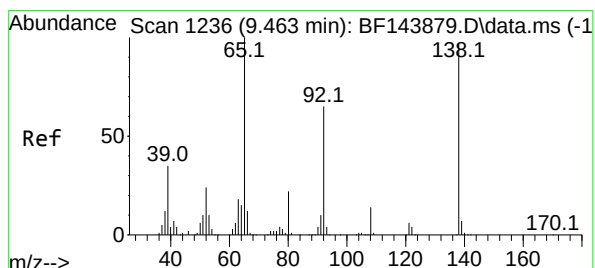
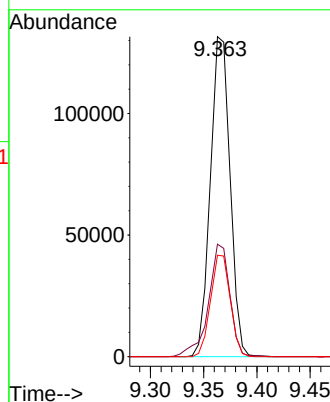
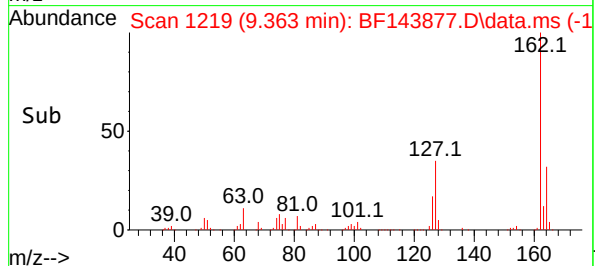
164 31.7 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

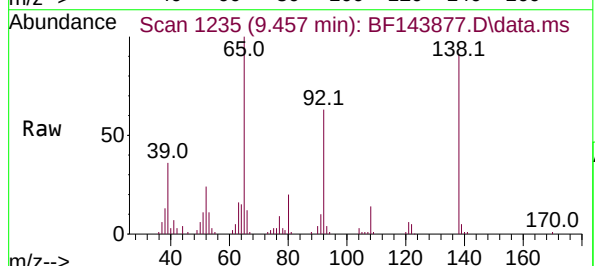
Concen: 9.219 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



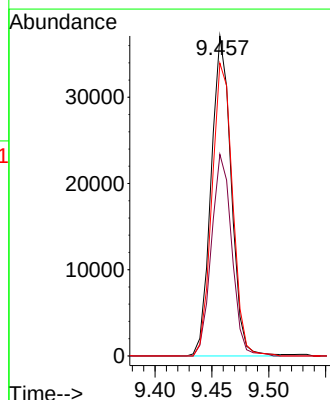
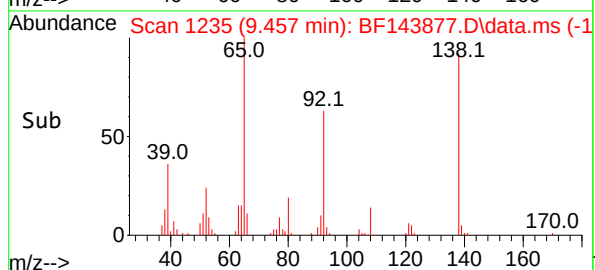
Tgt Ion: 65 Resp: 45663

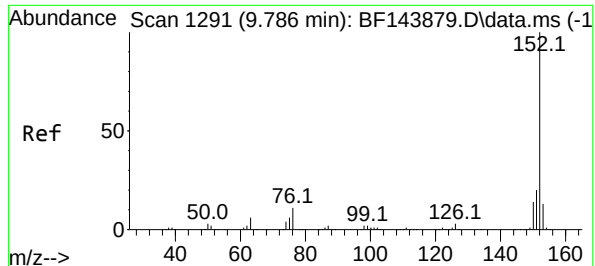
Ion Ratio Lower Upper

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# 1291

Delta R.T. -0.006 min

Lab File: BF143877.D

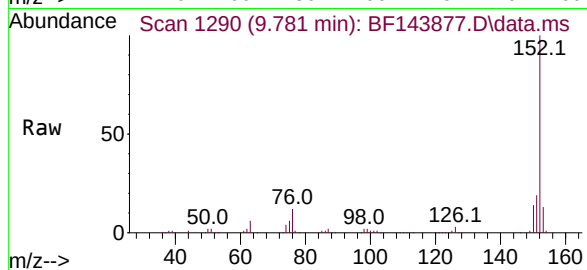
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



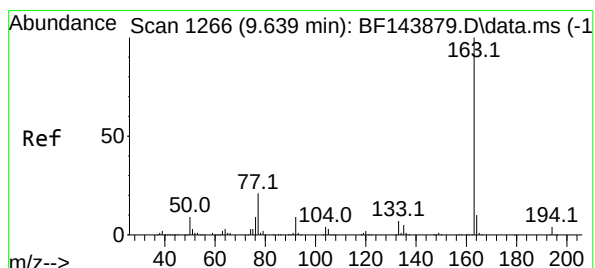
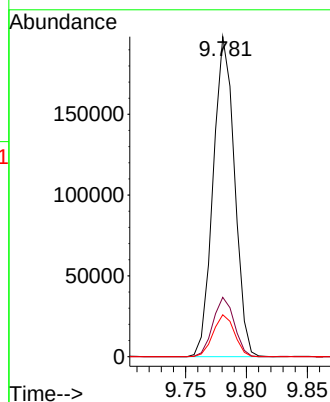
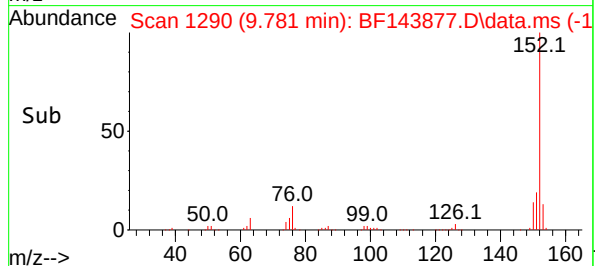
Tgt Ion:	152	Resp:	241454
Ion Ratio	Lower	Upper	
152	100		
151	18.5	15.8	23.6
153	13.1	10.5	15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

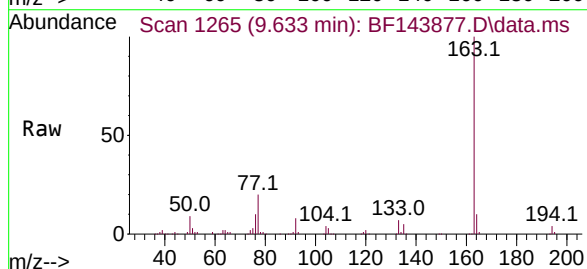
Concen: 10.638 ng

RT: 9.633 min Scan# 1265

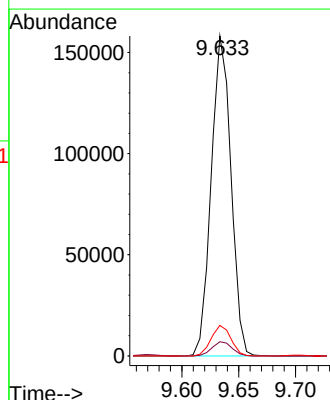
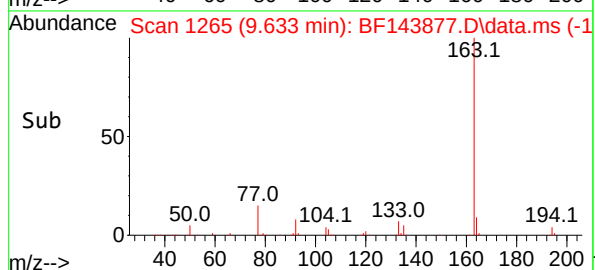
Delta R.T. -0.012 min

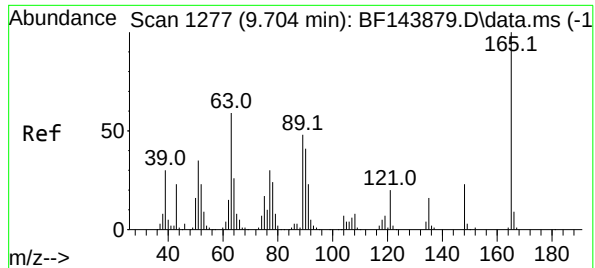
Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



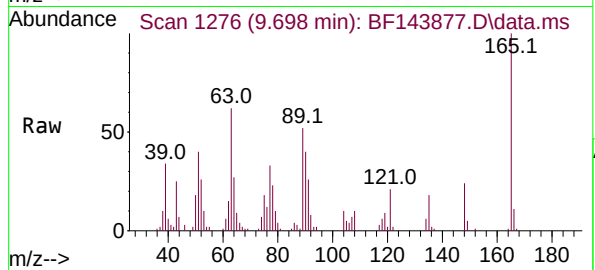
Tgt Ion:	163	Resp:	191729
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	9.5	8.1	12.1





#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

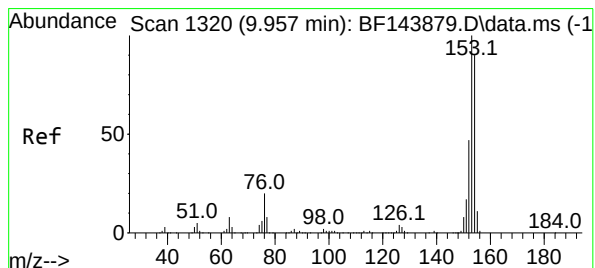
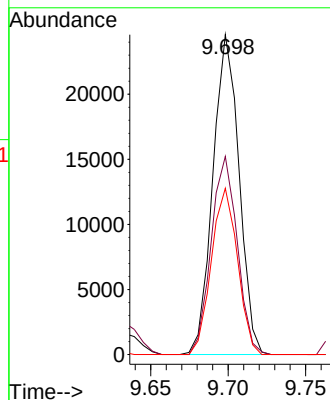
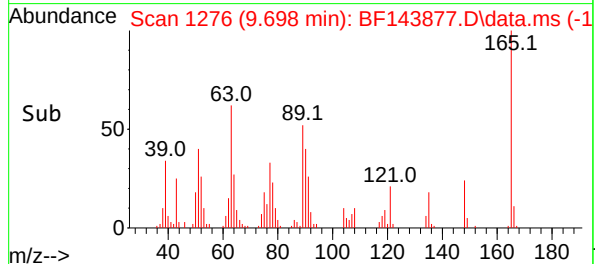
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:165 Resp: 28928
Ion Ratio Lower Upper
165 100
63 61.9 47.3 70.9
89 52.0 38.2 57.4

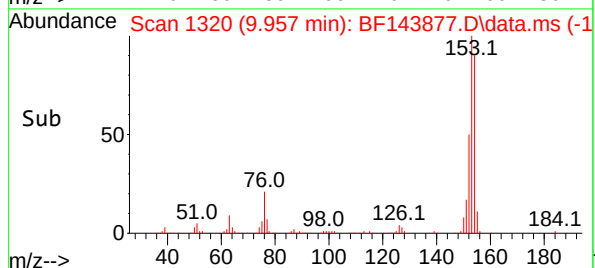
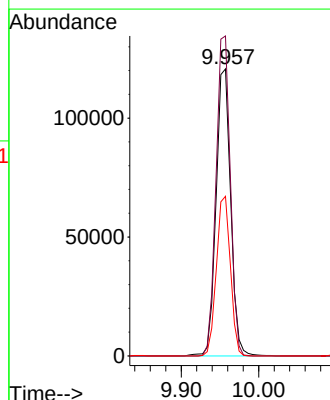
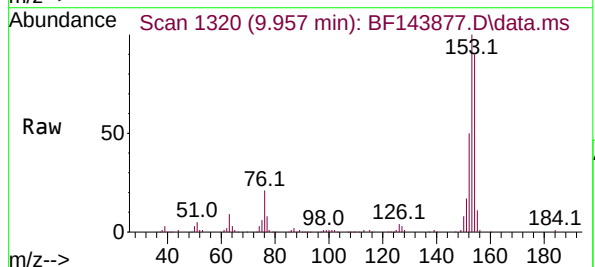
Manual Integrations
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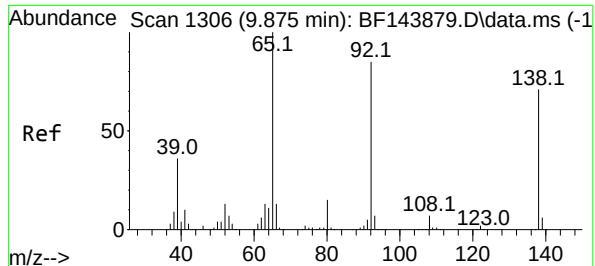
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

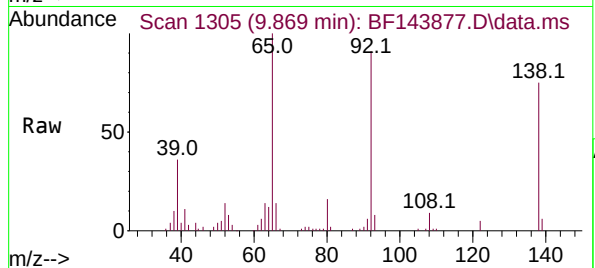
Tgt Ion:154 Resp: 158214
Ion Ratio Lower Upper
154 100
153 111.5 89.3 133.9
152 55.6 42.2 63.2





#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

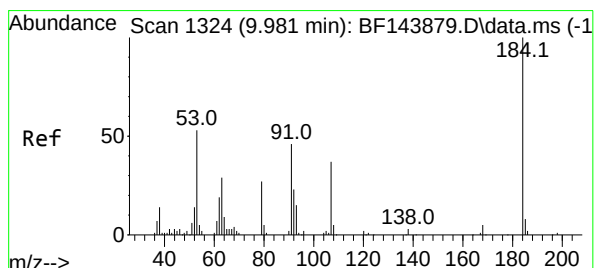
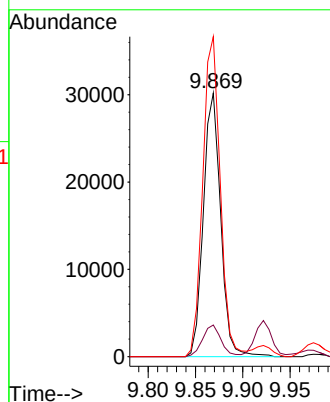
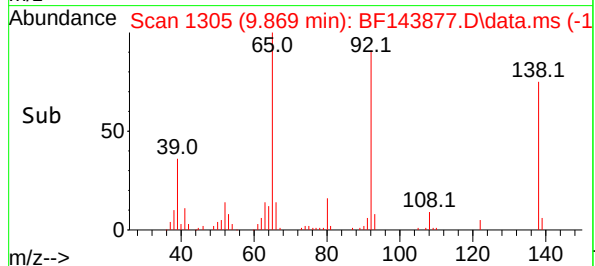
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

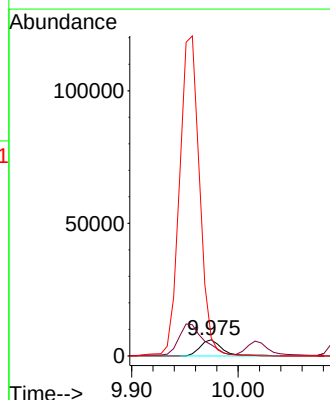
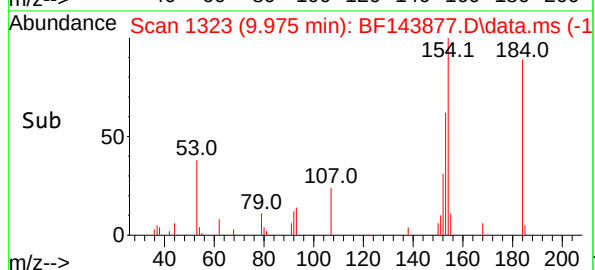
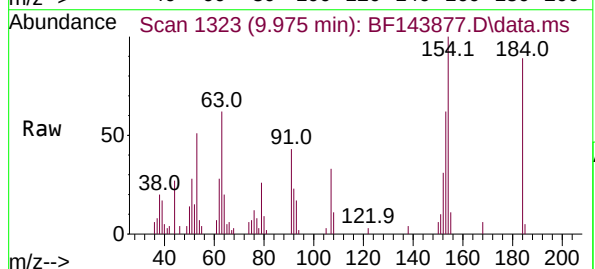
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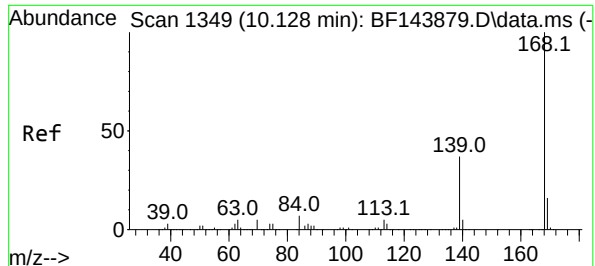
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

Dibenzofuran

Concen: 11.199 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143877.D

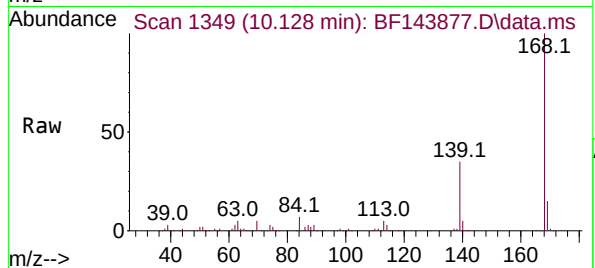
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:168 Resp: 228160

Ion Ratio Lower Upper

168 100

139 35.0 29.8 44.8

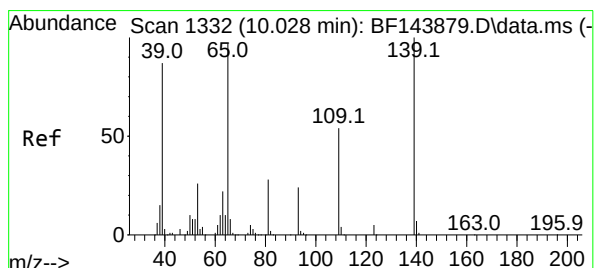
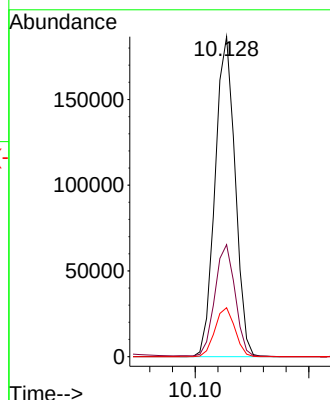
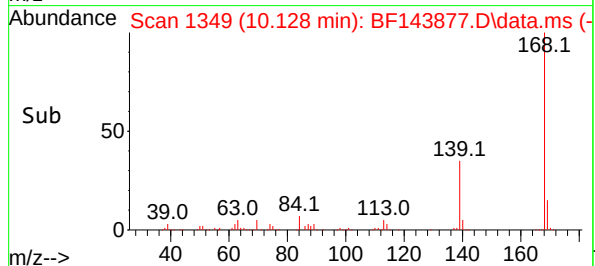
169 15.3 12.8 19.2

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#56

4-Nitrophenol

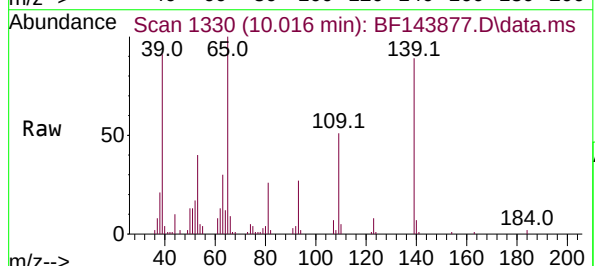
Concen: 7.934 ng

RT: 10.016 min Scan# 1330

Delta R.T. -0.023 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



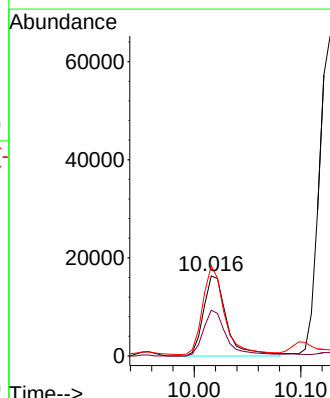
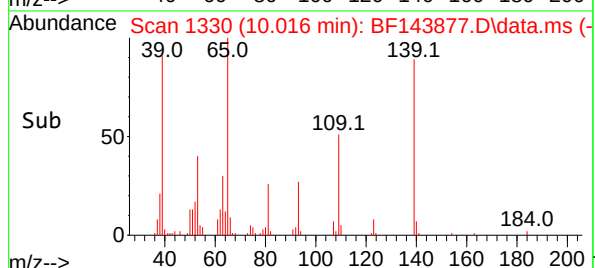
Tgt Ion:139 Resp: 24585

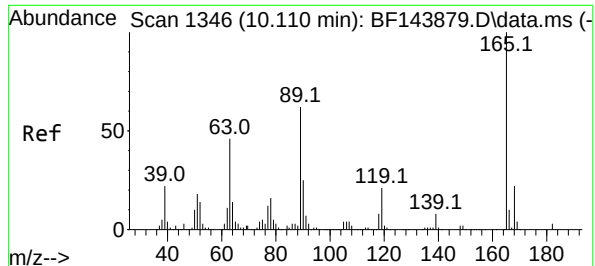
Ion Ratio Lower Upper

139 100

109 57.1 34.5 74.5

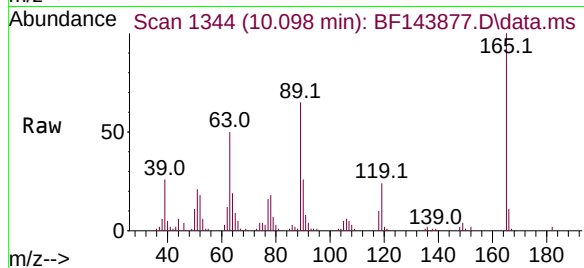
65 112.8 77.6 117.6





#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

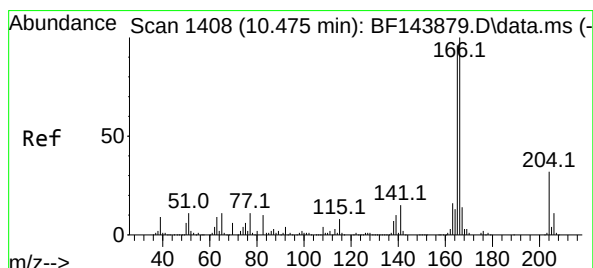
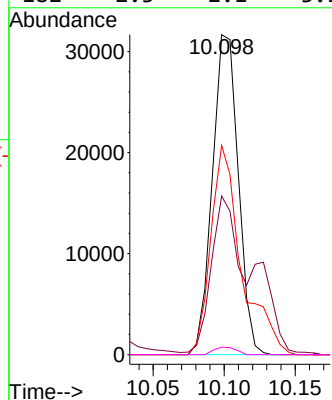
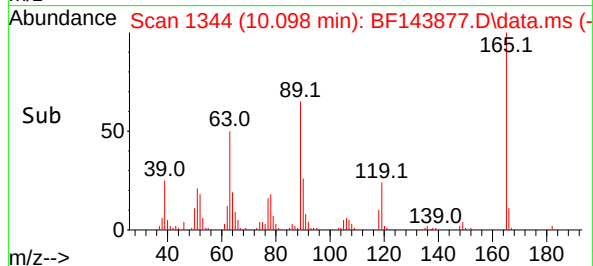
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

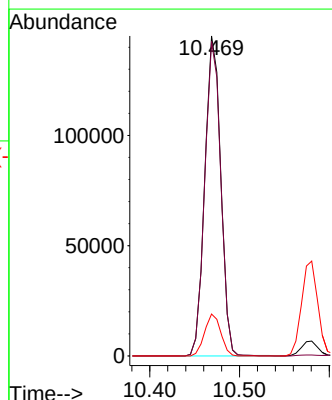
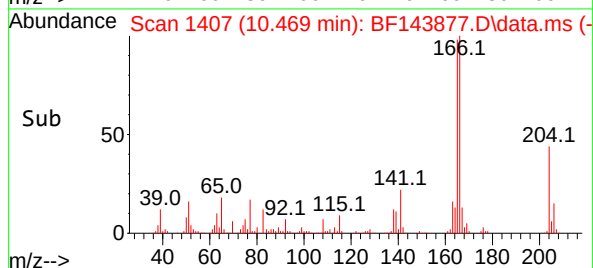
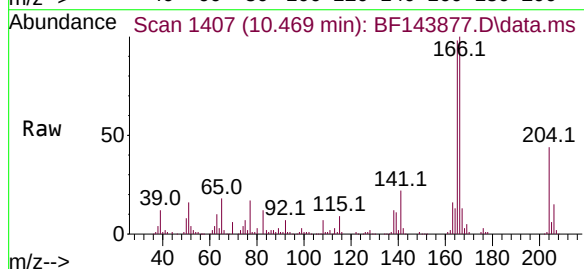
Manual Integrations
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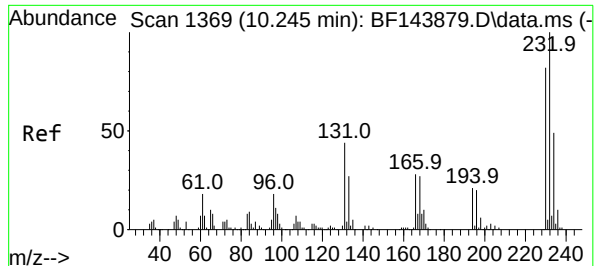
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

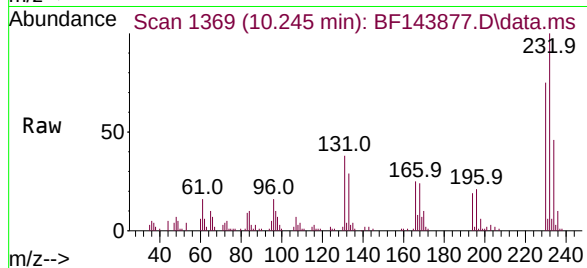
Tgt Ion:166 Resp: 179607
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 13.1 11.1 16.7





#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

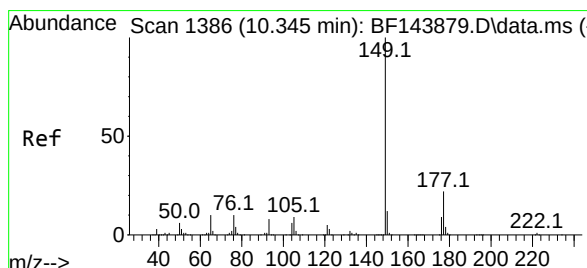
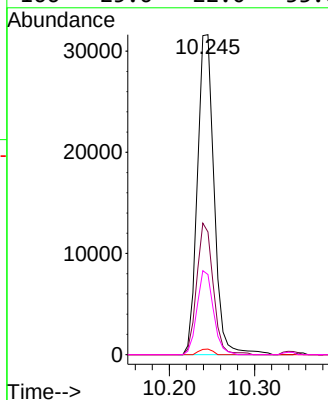
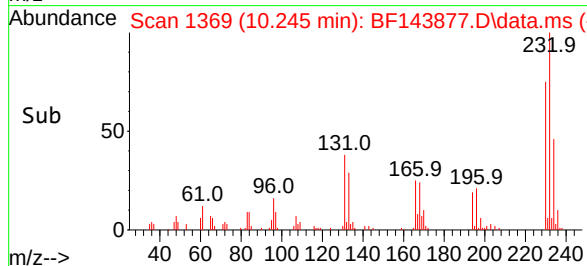
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



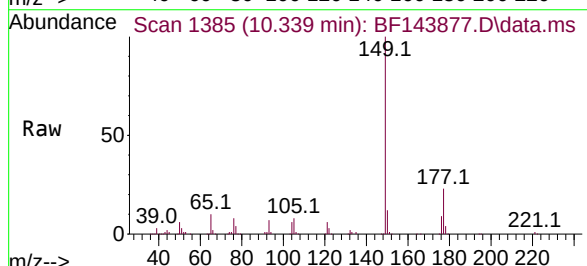
Tgt Ion:232 Resp: 43052
Ion Ratio Lower Upper
232 100
131 40.3 34.9 52.3
130 1.4 1.6 2.4
166 25.6 22.0 33.0

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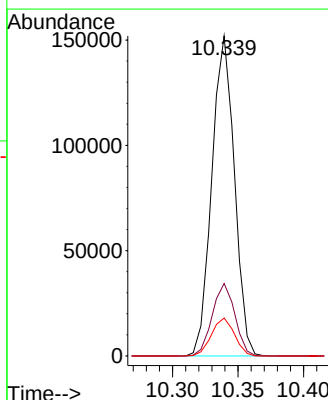
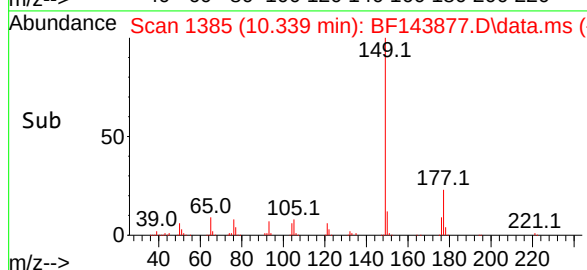
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

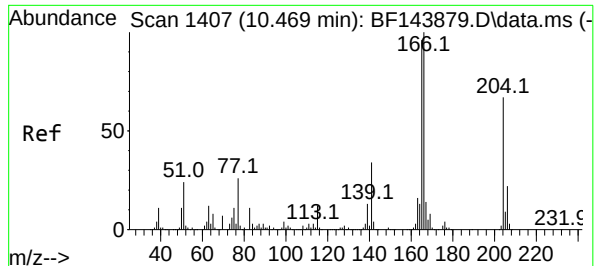


#60
Diethylphthalate
Concen: 10.860 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



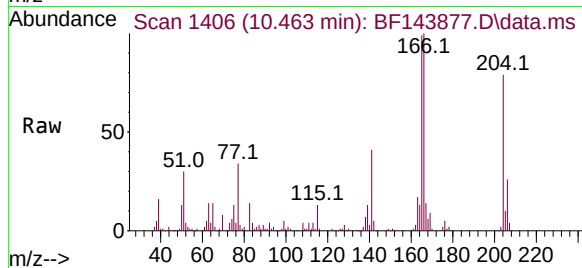
Tgt Ion:149 Resp: 181846
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 11.8 9.8 14.8





#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

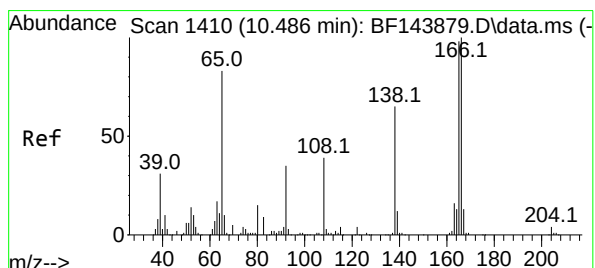
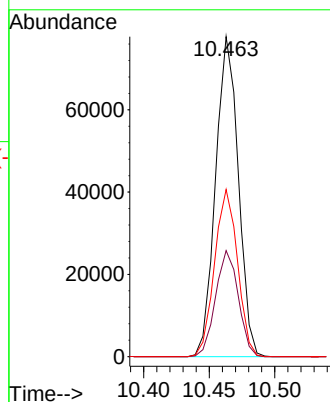
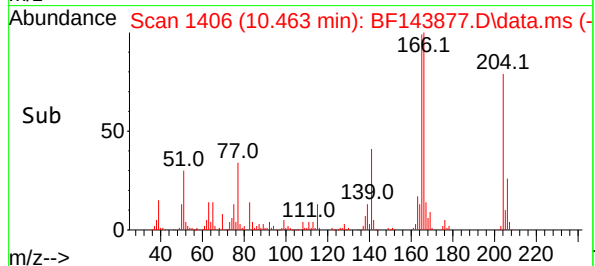
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:204 Resp: 94000
Ion Ratio Lower Upper
204 100
206 33.1 26.6 40.0
141 52.2 40.4 60.6

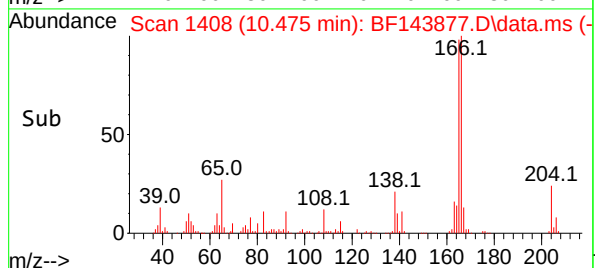
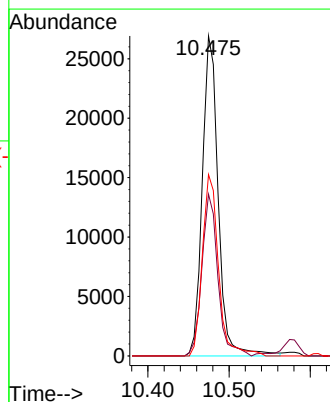
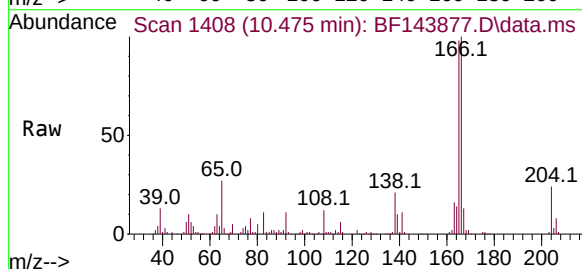
Manual Integrations
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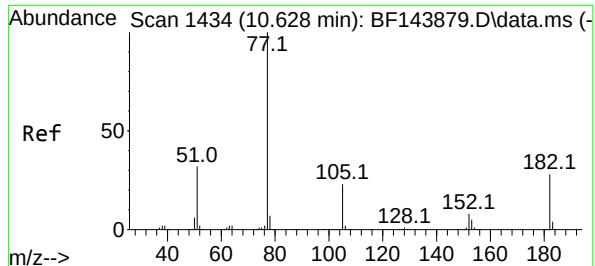
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

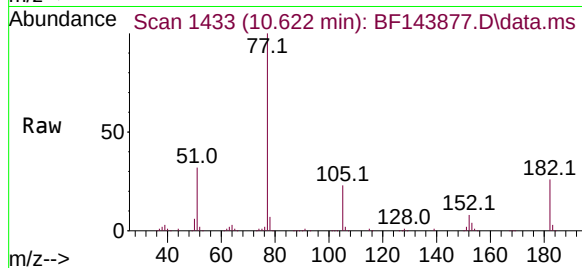
Tgt Ion:138 Resp: 36684
Ion Ratio Lower Upper
138 100
92 50.5 33.9 73.9
108 56.7 40.2 80.2





#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

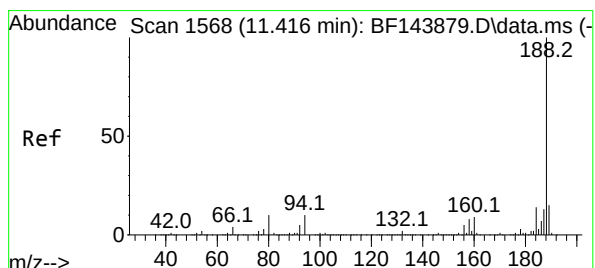
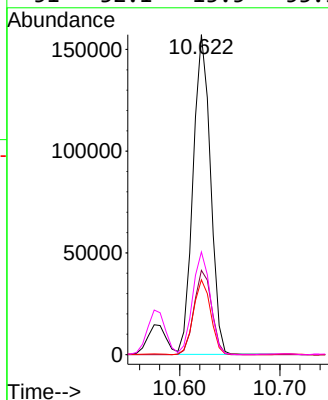
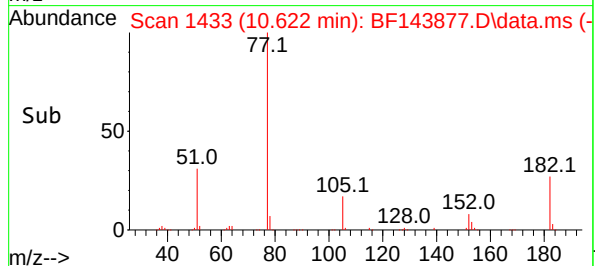
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

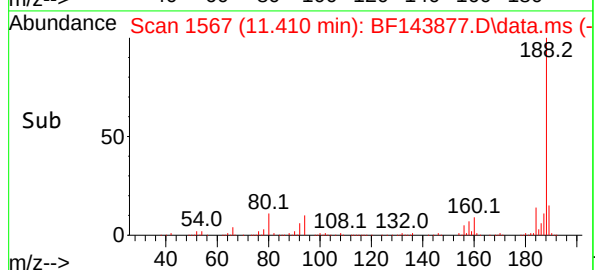
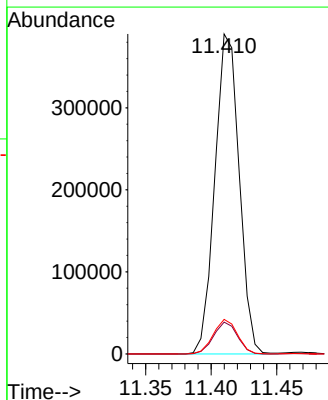
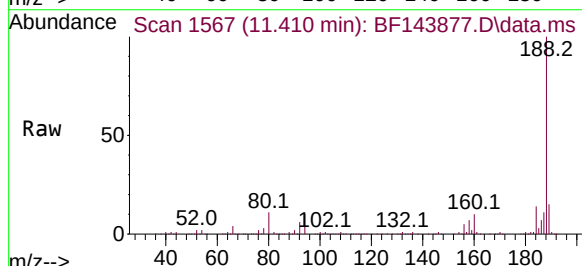
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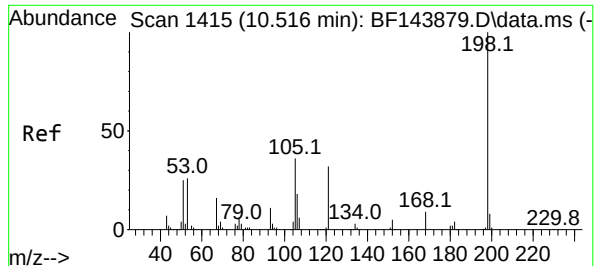
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

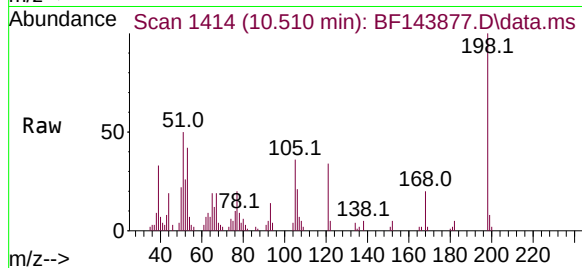
Tgt Ion:188 Resp: 504357
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.8 7.9 11.9





#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

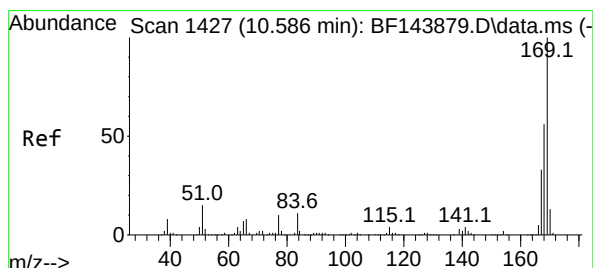
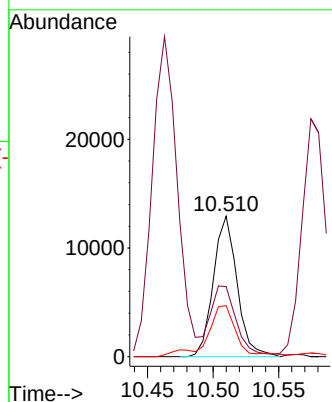
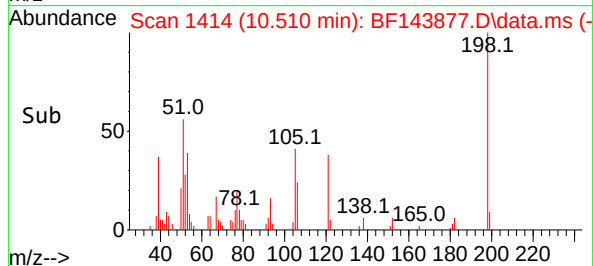
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

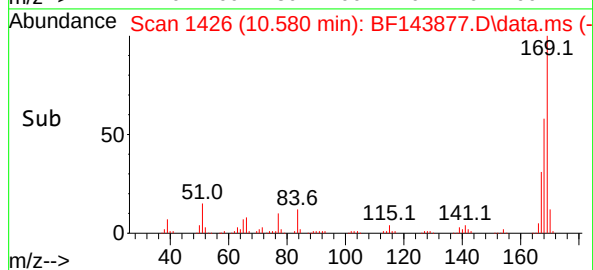
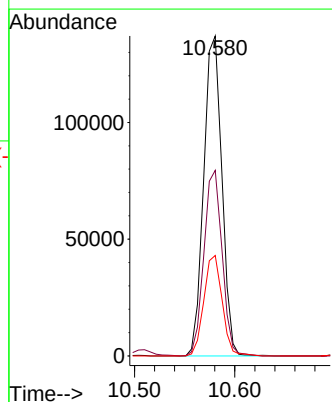
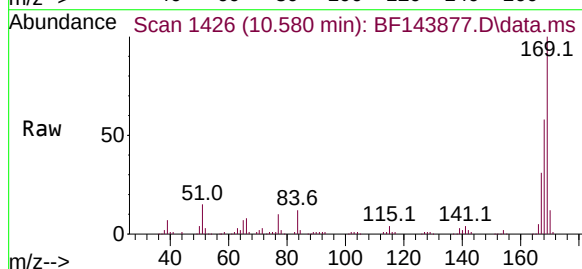
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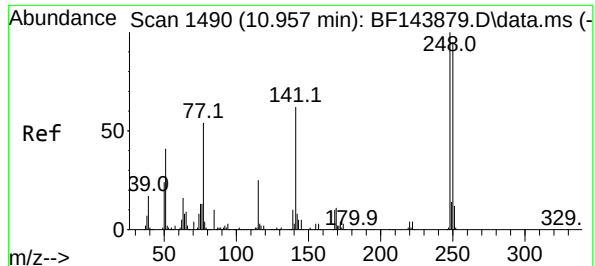
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

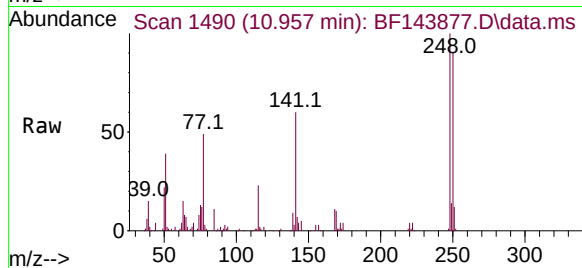
Tgt Ion:169 Resp: 172118
Ion Ratio Lower Upper
169 100
168 58.0 44.9 67.3
167 31.4 26.3 39.5





#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

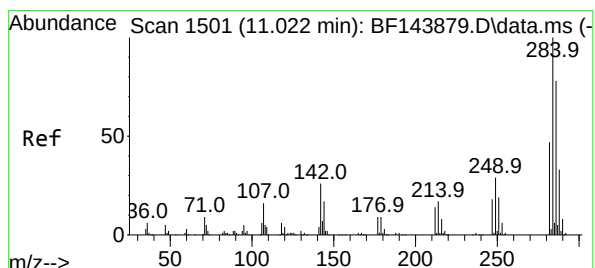
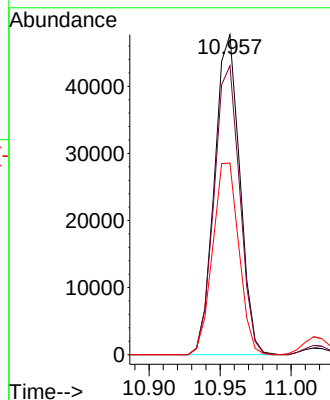
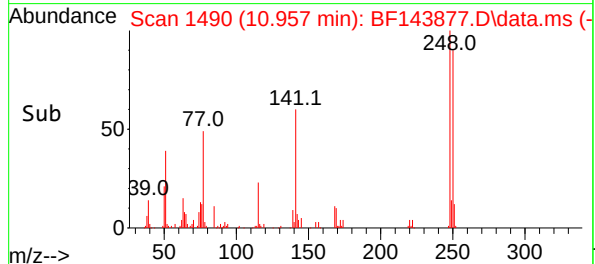
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



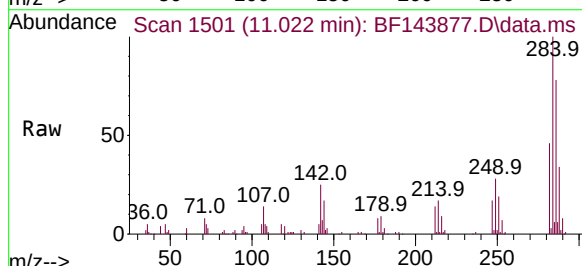
Tgt Ion:248 Resp: 58980
Ion Ratio Lower Upper
248 100
250 90.3 76.3 114.5
141 59.9 49.7 74.5

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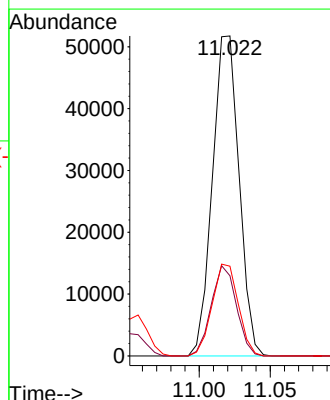
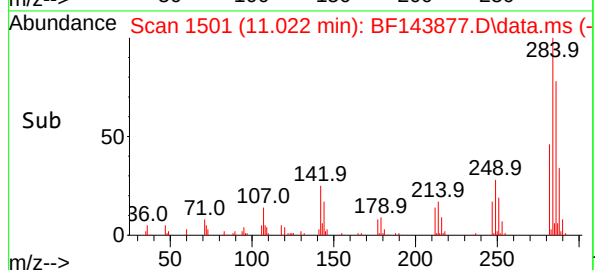
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

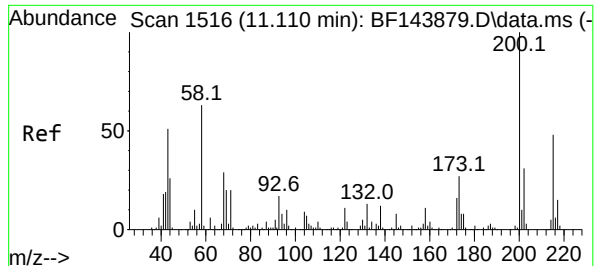


#68
Hexachlorobenzene
Concen: 10.459 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143877.D
Acq: 06 Oct 2025 10:57



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# 1515

Delta R.T. -0.018 min

Lab File: BF143877.D

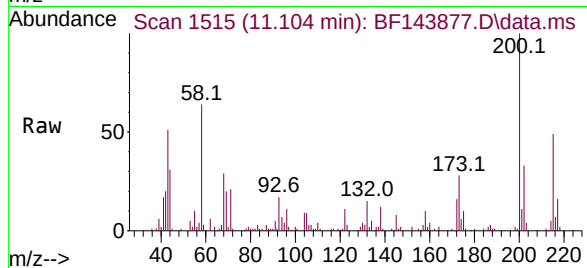
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



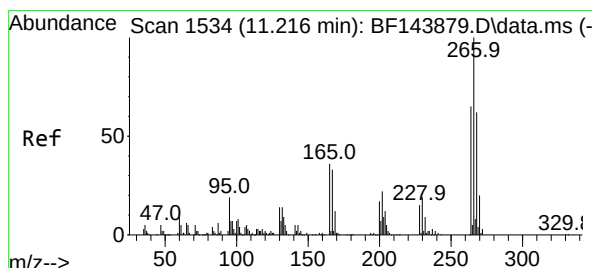
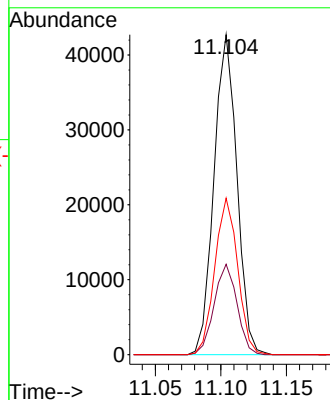
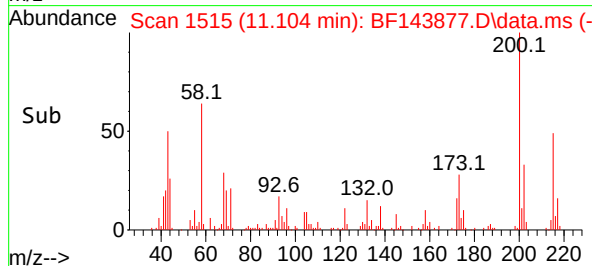
Tgt Ion:	200	Resp:	52016
Ion Ratio	Lower	Upper	
200	100		
173	28.2	7.0	47.0
215	48.9	27.8	67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#70

Pentachlorophenol

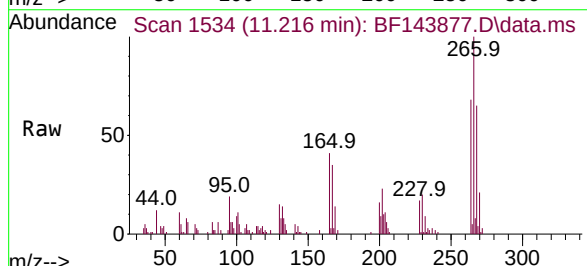
Concen: 7.989 ng

RT: 11.216 min Scan# 1534

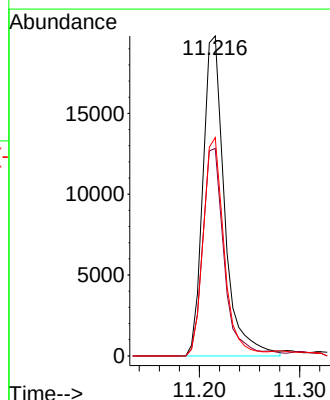
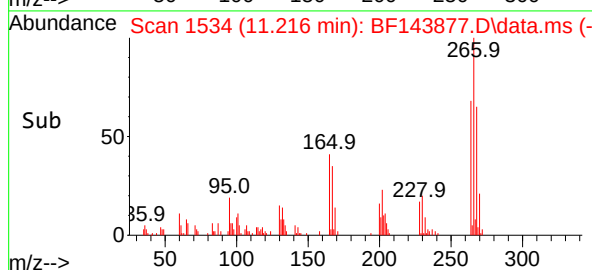
Delta R.T. -0.006 min

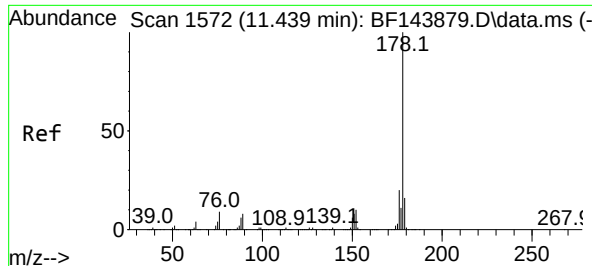
Lab File: BF143877.D

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 :

SSTDICC010

Tgt Ion:178 Resp: 275484

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

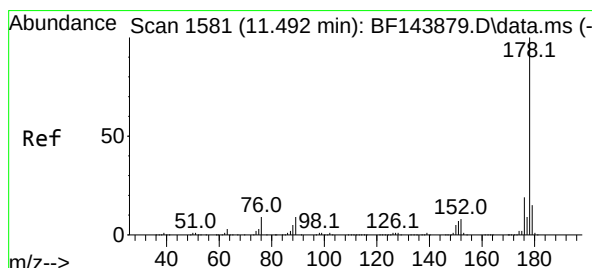
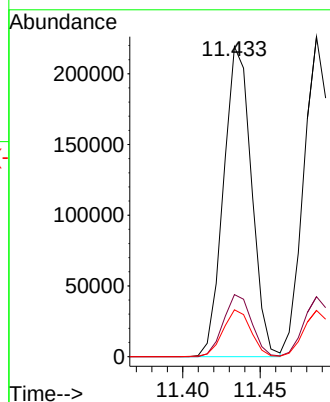
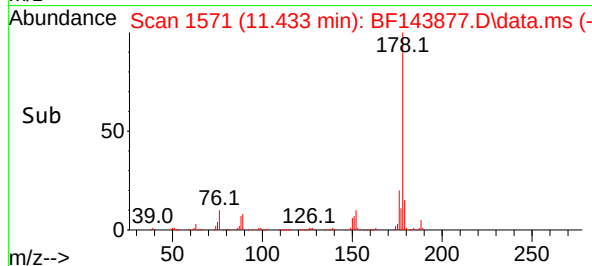
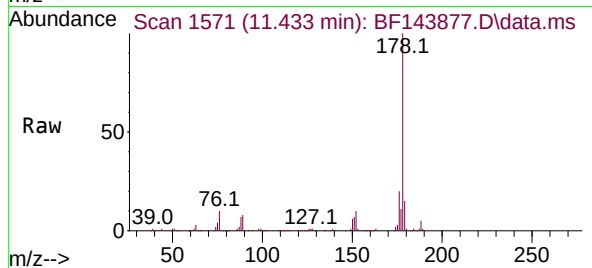
179 15.1 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

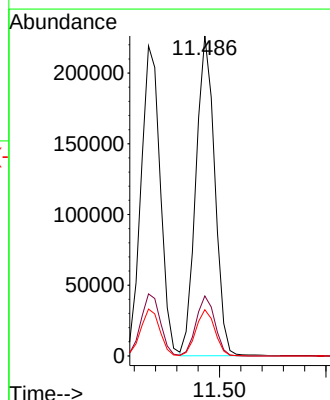
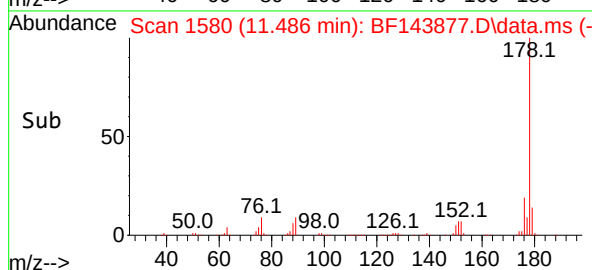
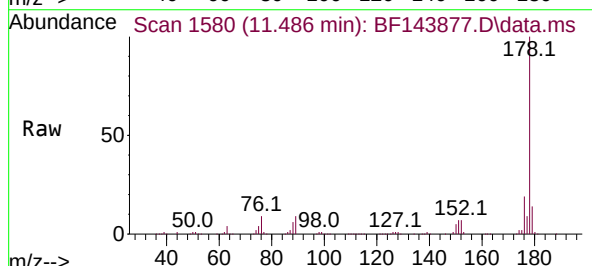
Tgt Ion:178 Resp: 276694

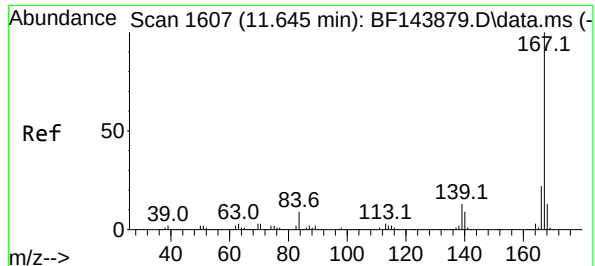
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

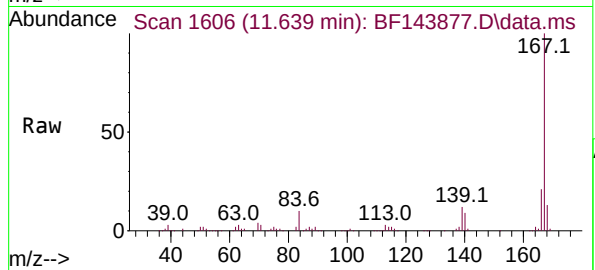
179 14.4 12.2 18.2





#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

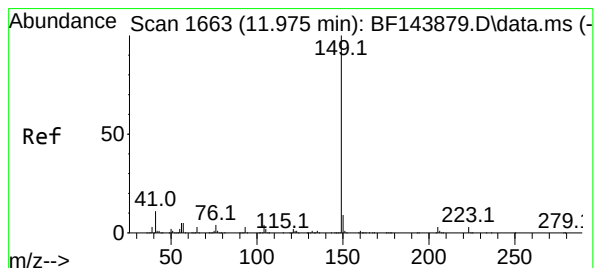
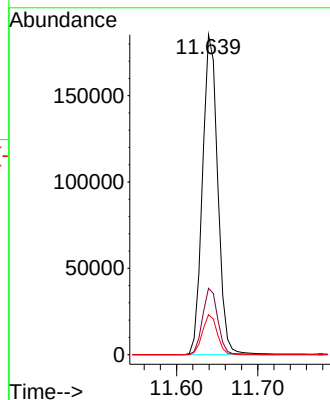
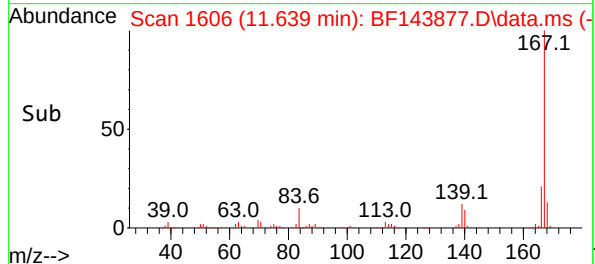
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

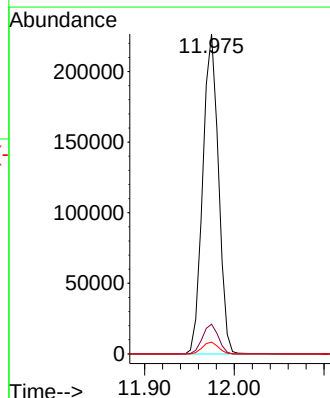
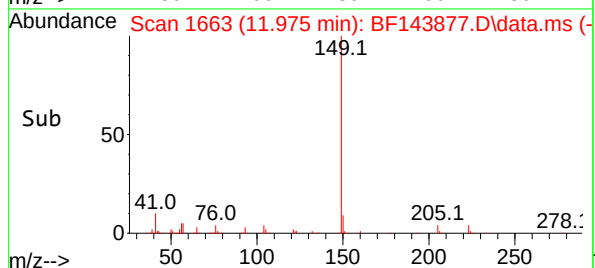
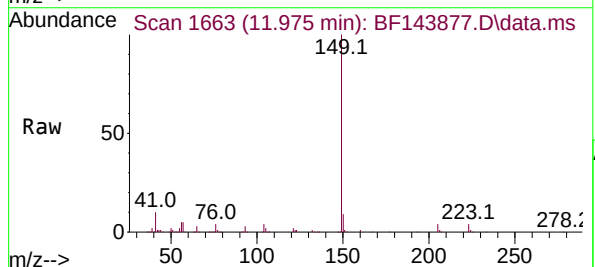
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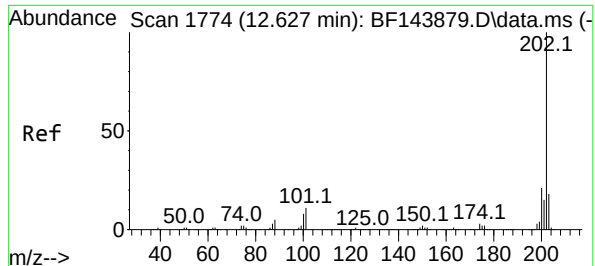
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

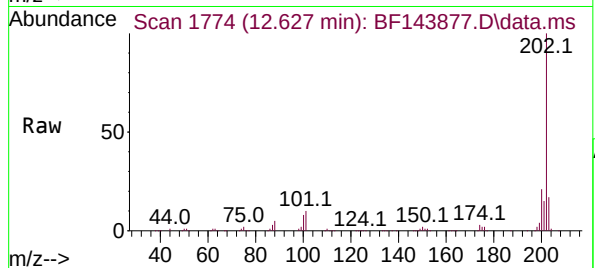
Tgt Ion:149 Resp: 275838
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 3.7 3.4 5.2





#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

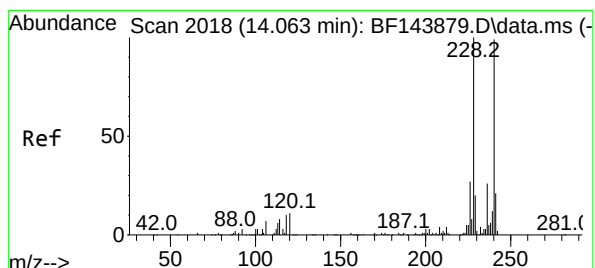
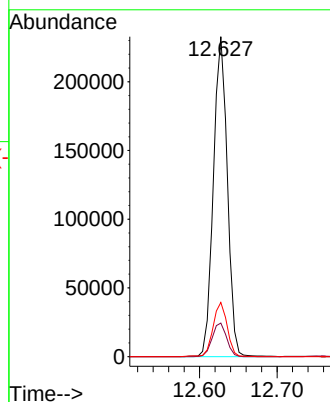
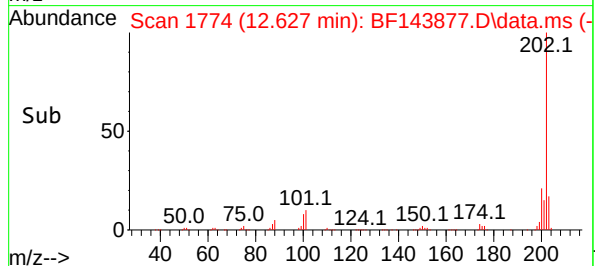
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:202 Resp: 290713
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.7
203 16.9 0.0 37.8

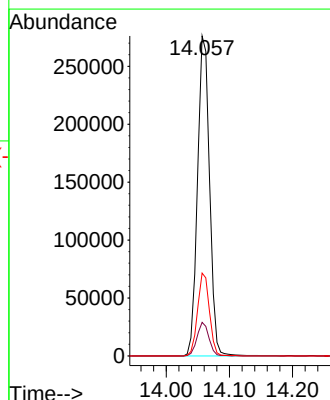
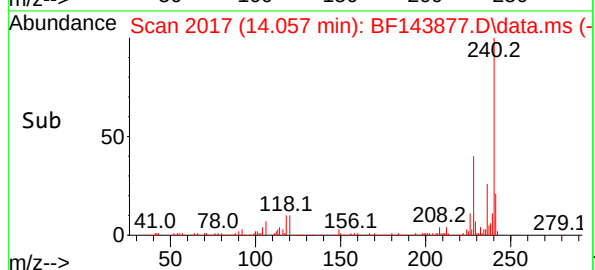
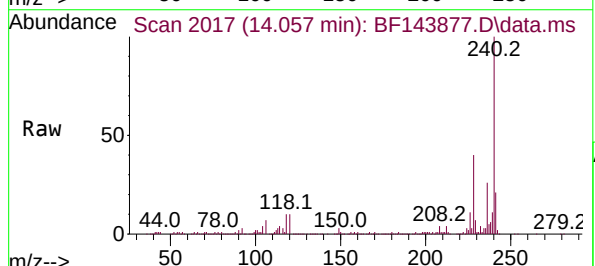
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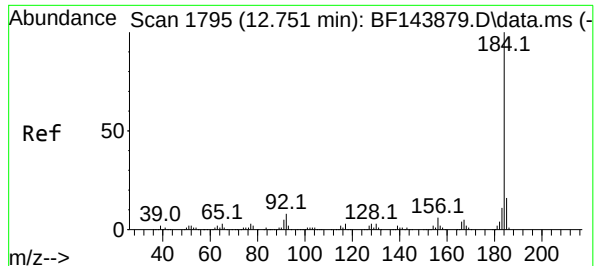
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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:240 Resp: 366499
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

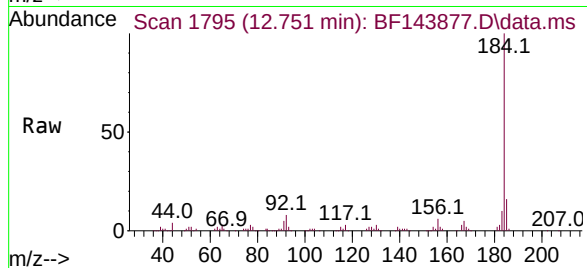
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:184 Resp: 128424

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

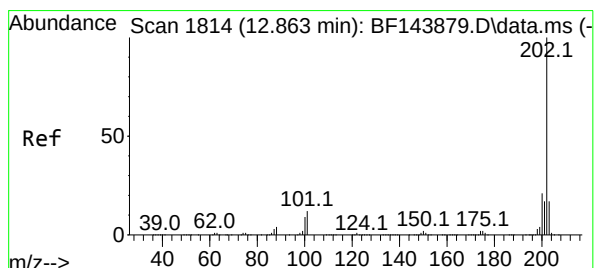
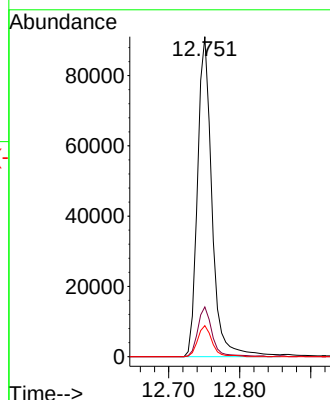
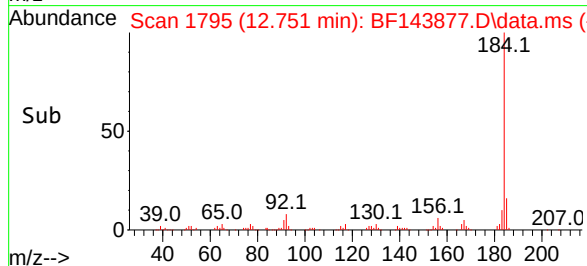
183 9.7 8.8 13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#78

Pyrene

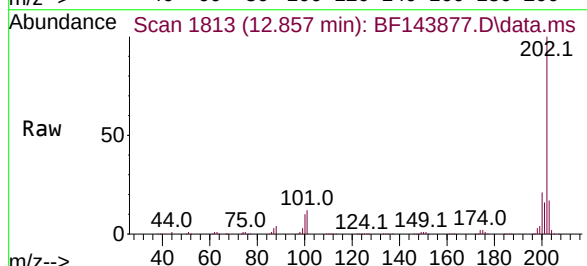
Concen: 9.975 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



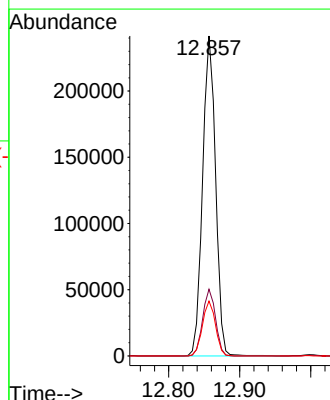
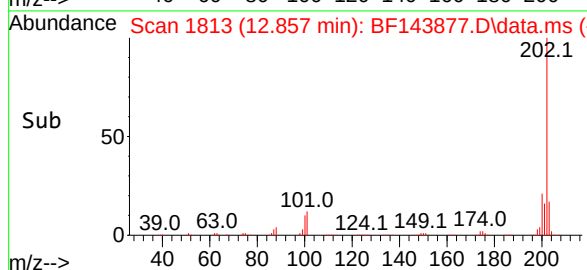
Tgt Ion:202 Resp: 304789

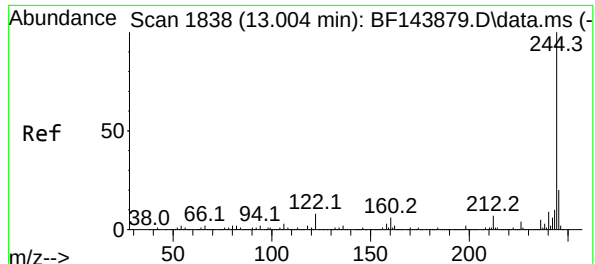
Ion Ratio Lower Upper

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# 1838

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

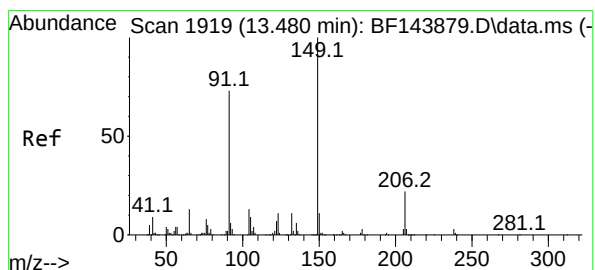
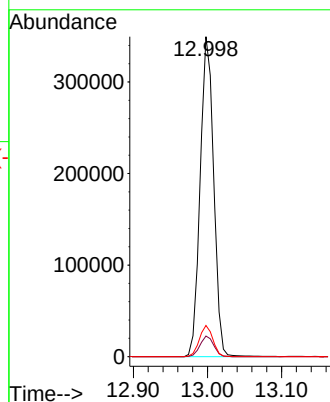
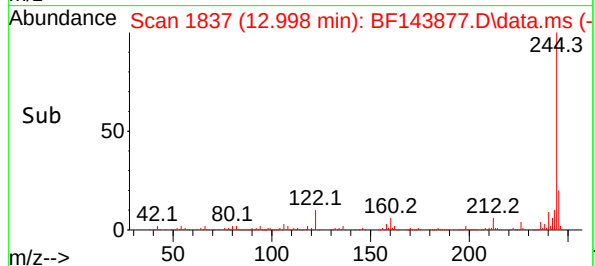
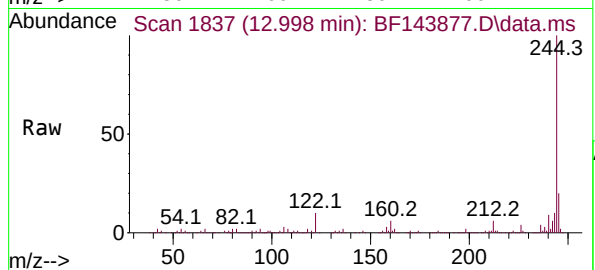
122 9.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

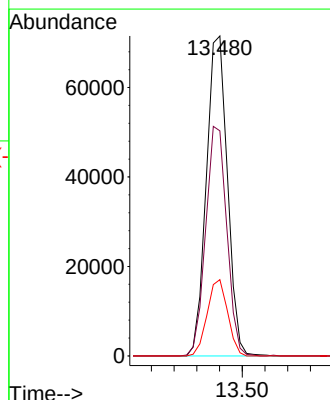
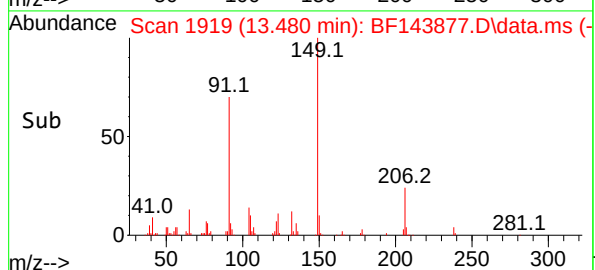
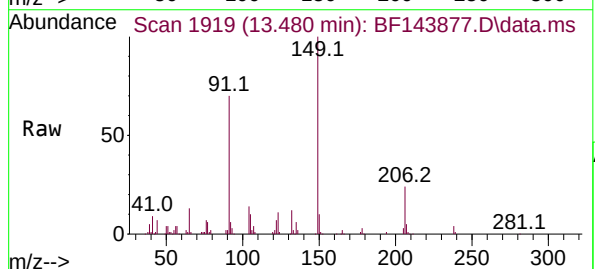
Tgt Ion:149 Resp: 92241

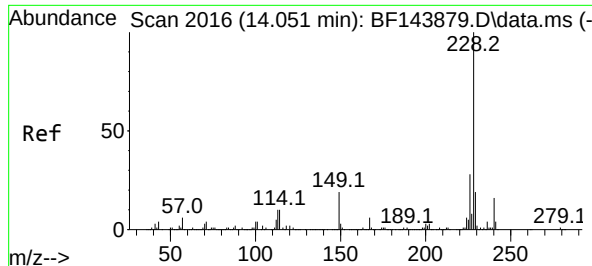
Ion Ratio Lower Upper

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

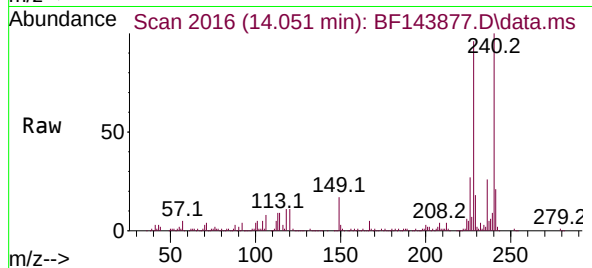
Acq: 06 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



Tgt Ion:228 Resp: 24687

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

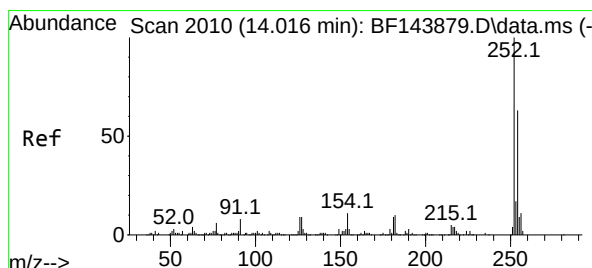
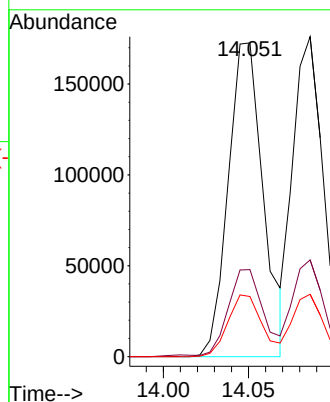
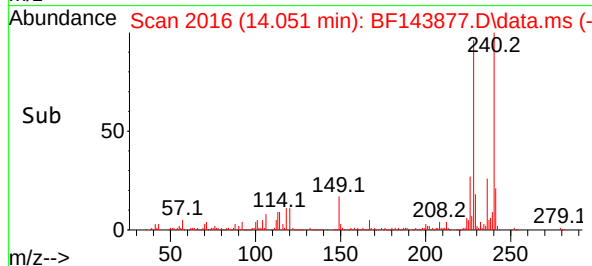
229 19.1 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#82

3,3'-Dichlorobenzidine

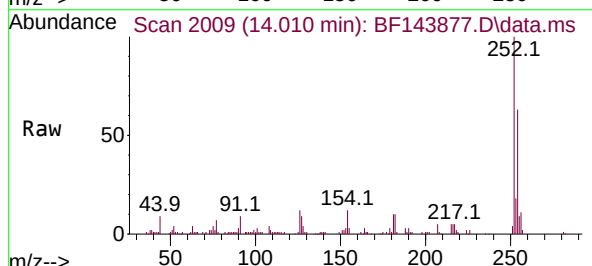
Concen: 9.129 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF143877.D

Acq: 06 Oct 2025 10:57



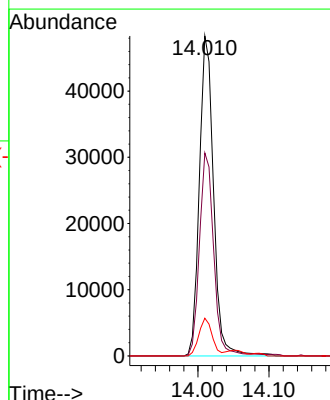
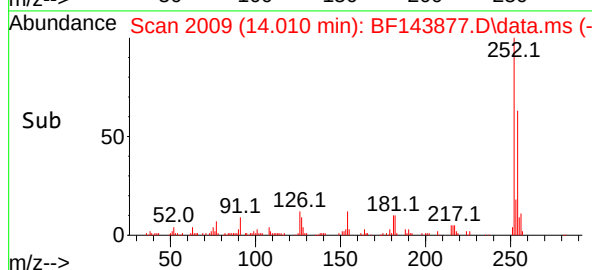
Tgt Ion:252 Resp: 66722

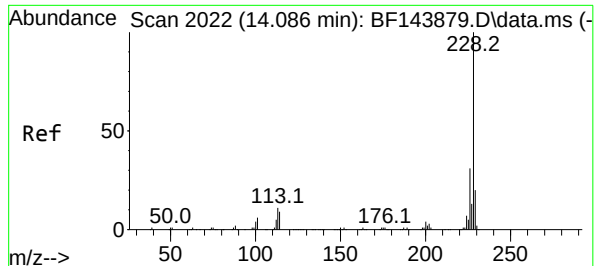
Ion Ratio Lower Upper

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: 21774

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

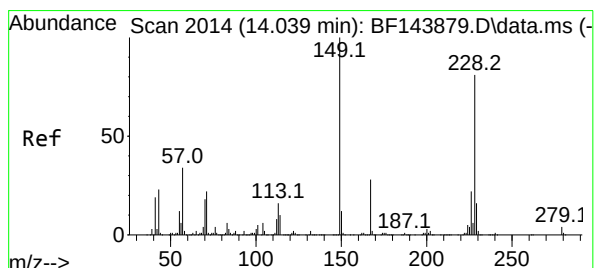
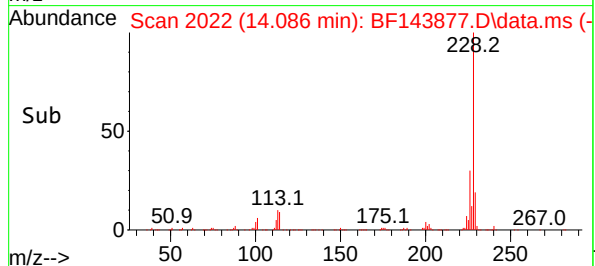
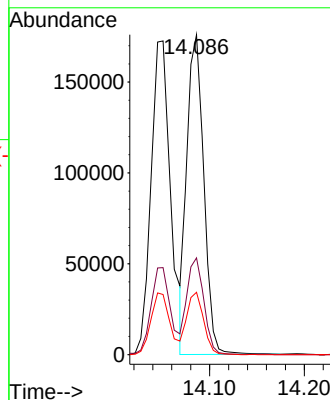
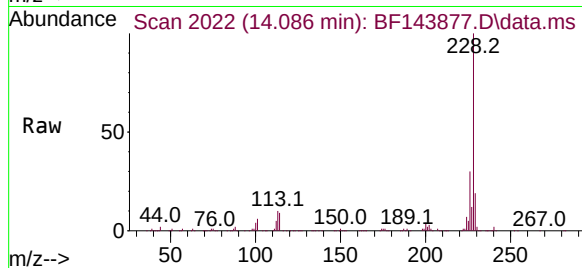
229 19.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

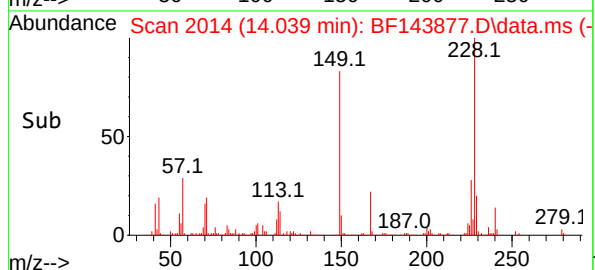
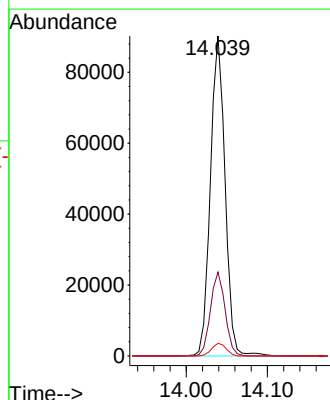
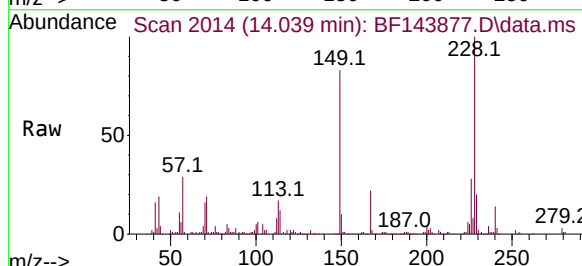
Tgt Ion:149 Resp: 113431

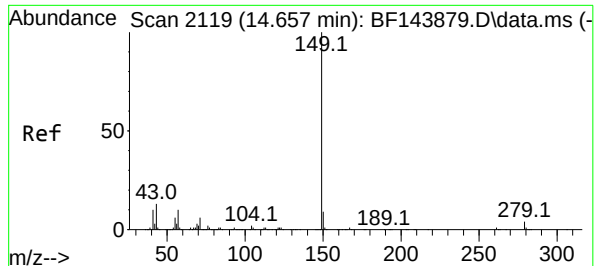
Ion Ratio Lower Upper

149 100

167 26.2 22.2 33.4

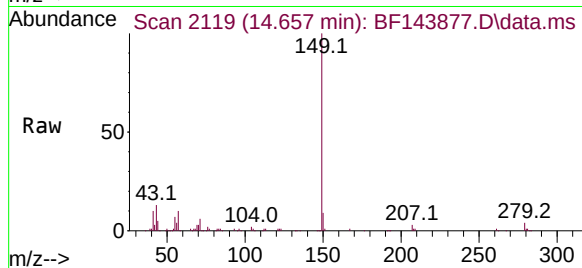
279 3.9 3.1 4.7





#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

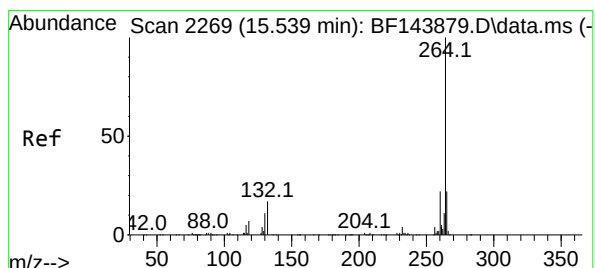
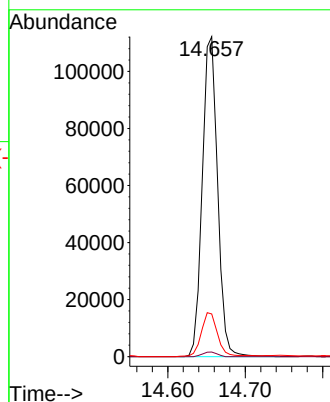
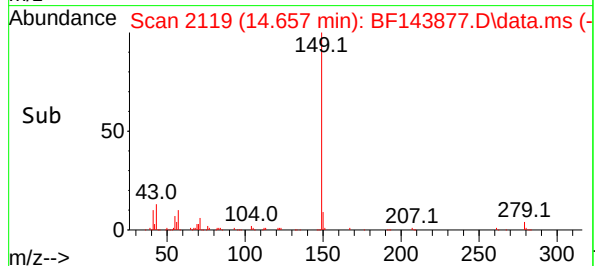
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



Tgt Ion:149 Resp: 153434
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 14.8 11.0 16.4

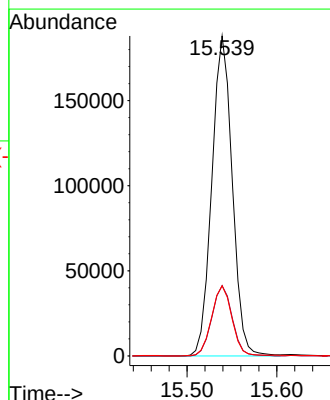
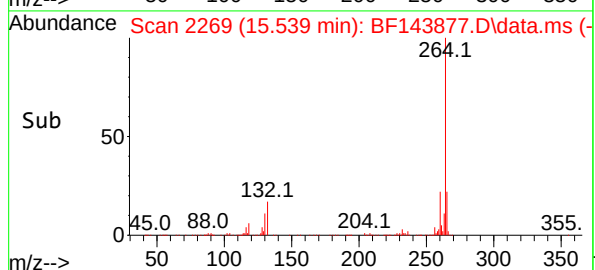
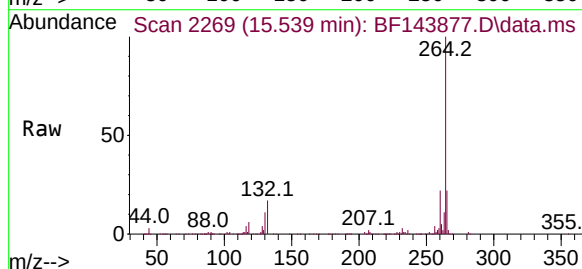
Manual Integrations
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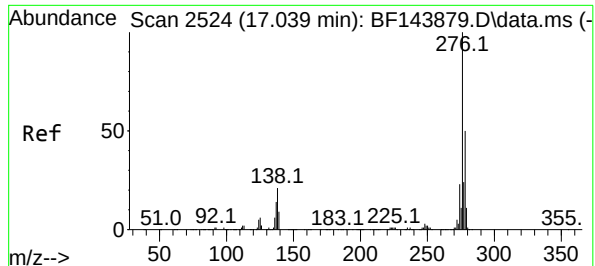
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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:264 Resp: 297391
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

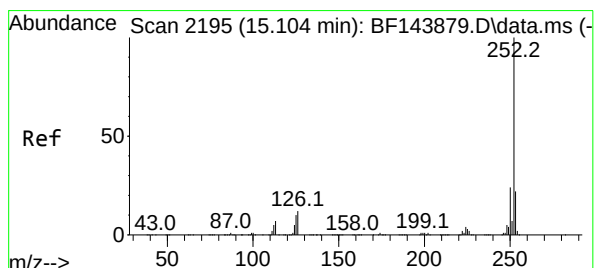
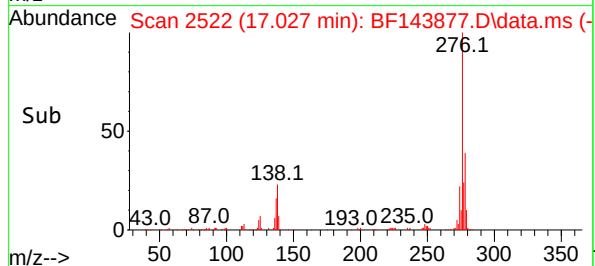
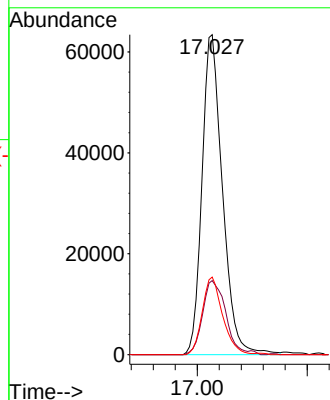
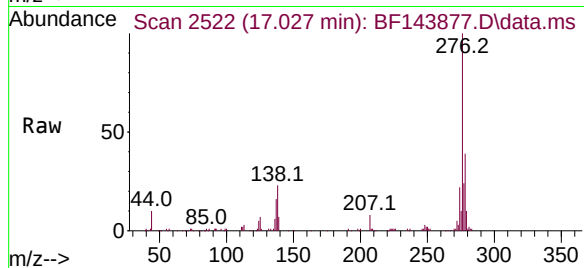
277 24.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

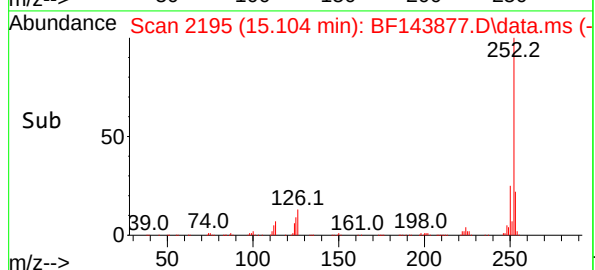
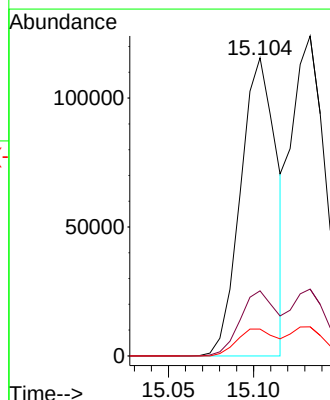
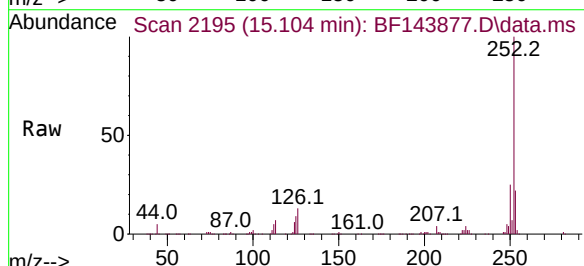
Tgt Ion:252 Resp: 169146

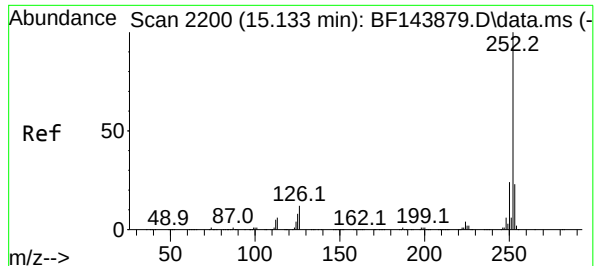
Ion Ratio Lower Upper

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

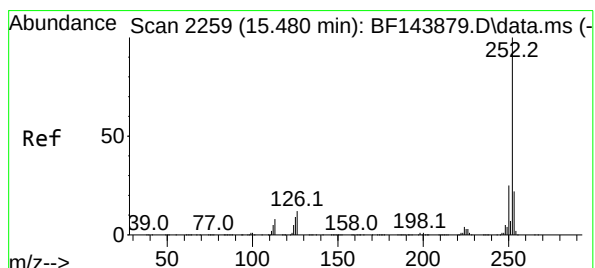
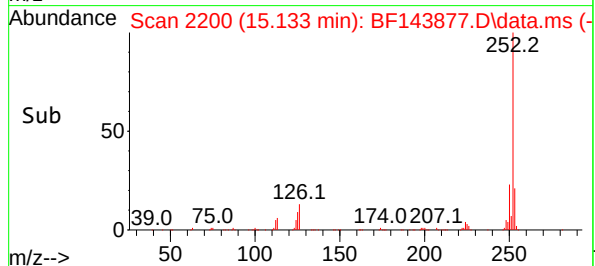
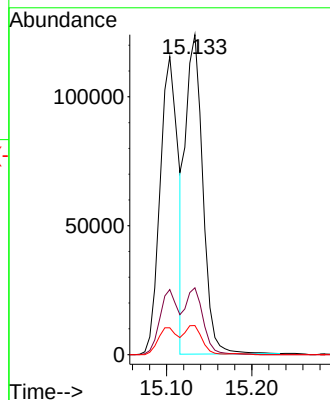
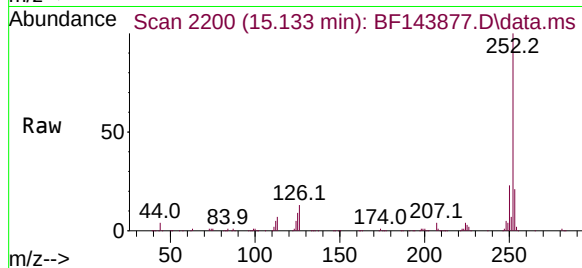
125 9.1 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

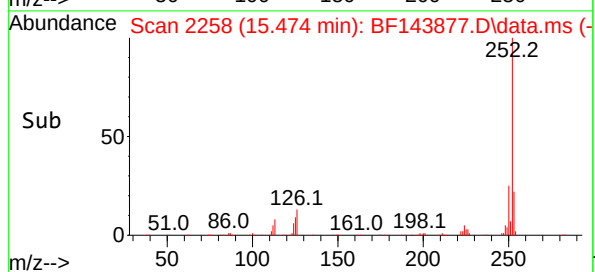
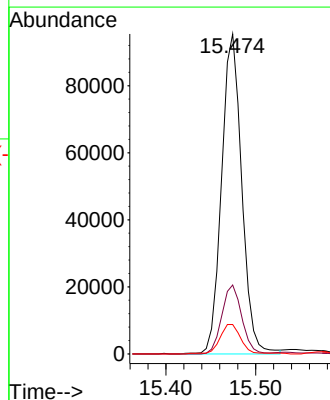
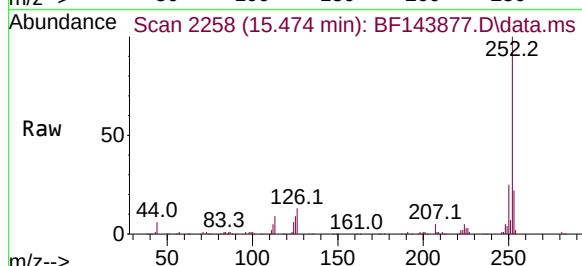
Tgt Ion:252 Resp: 149543

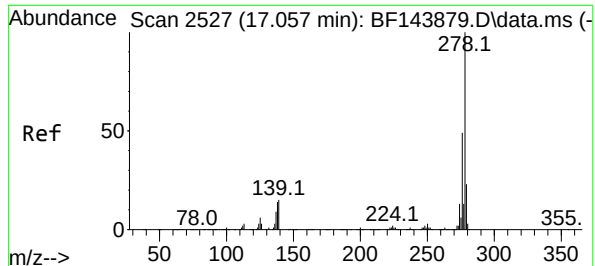
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

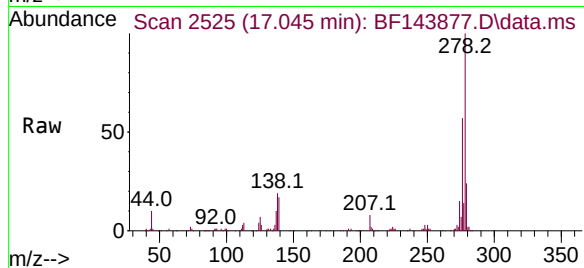
125 9.2 7.0 10.4





#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

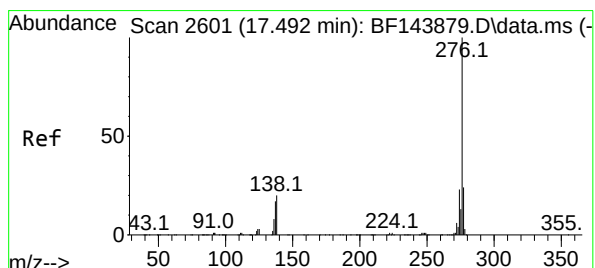
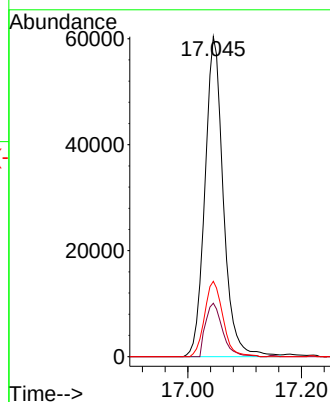
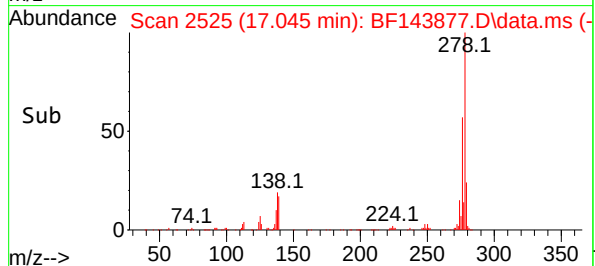
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



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

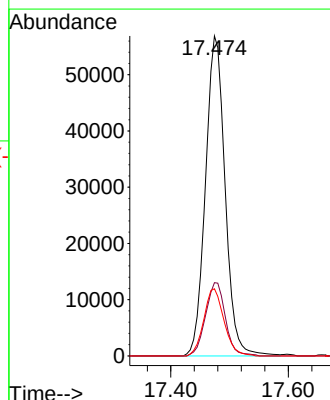
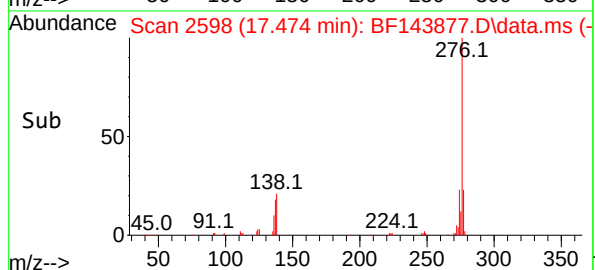
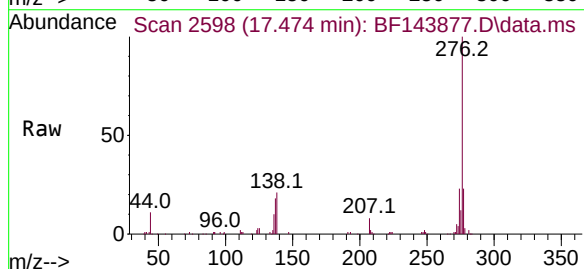
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

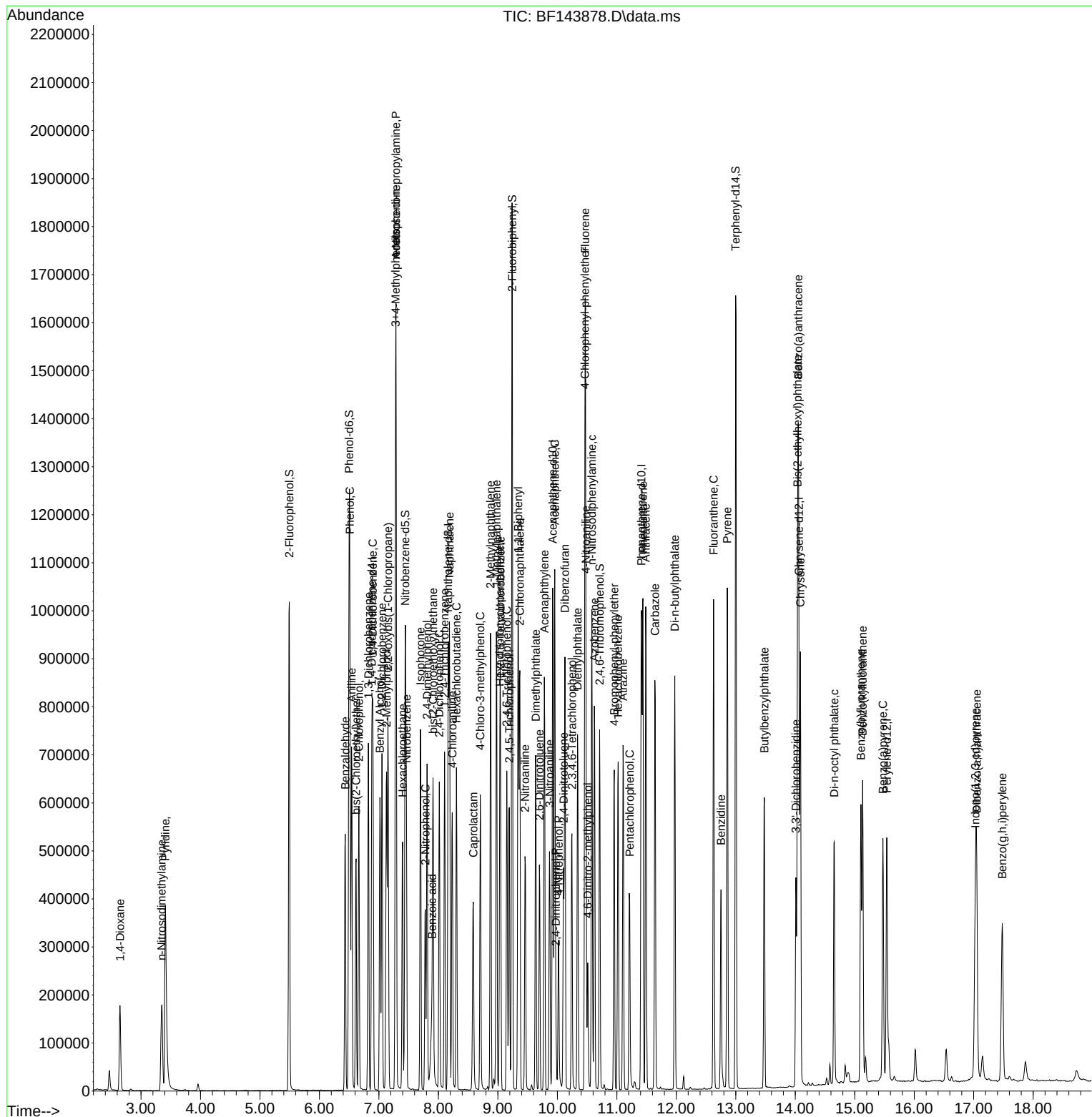
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143878.D
 Acq On : 06 Oct 2025 11:56
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

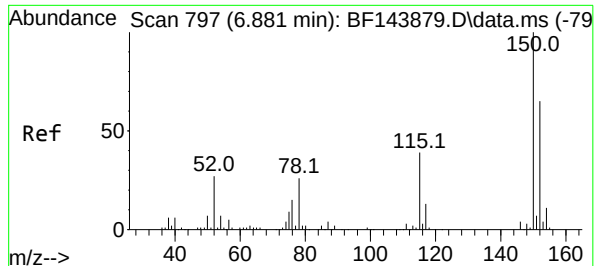
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

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

Manual Integrations APPROVED

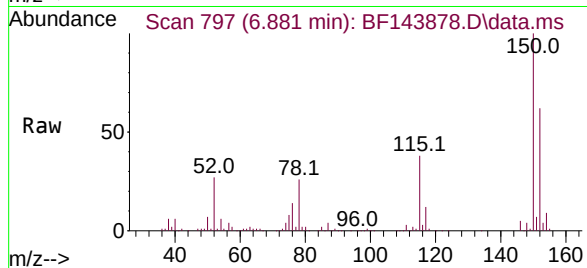
Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025





#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

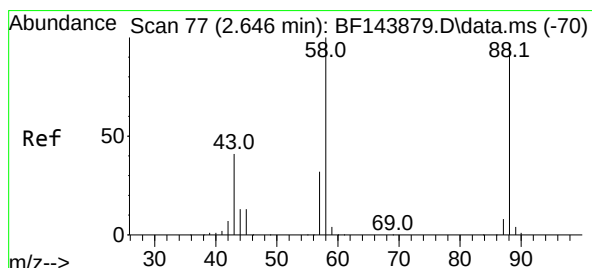
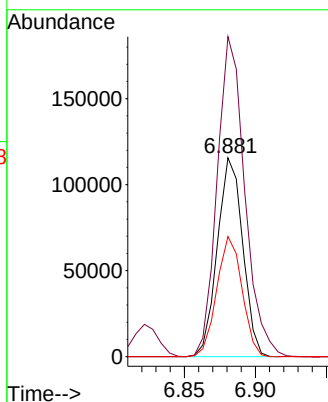
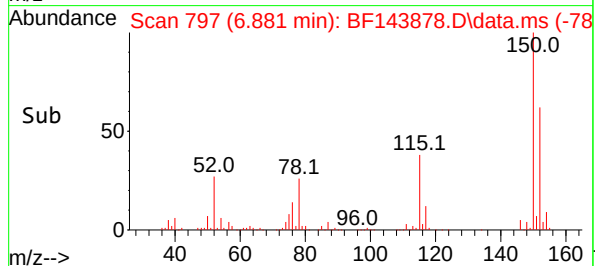
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

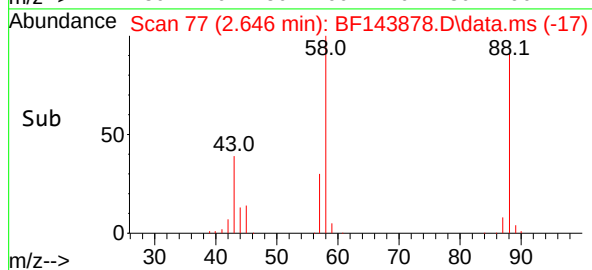
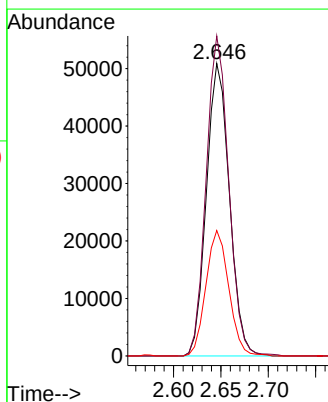
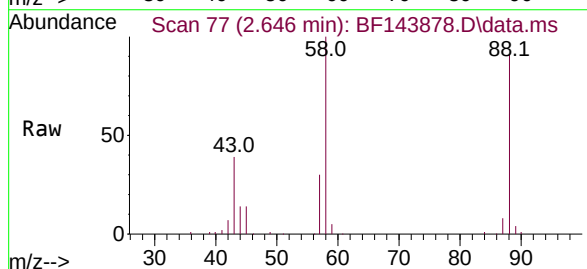
Manual Integrations
APPROVED

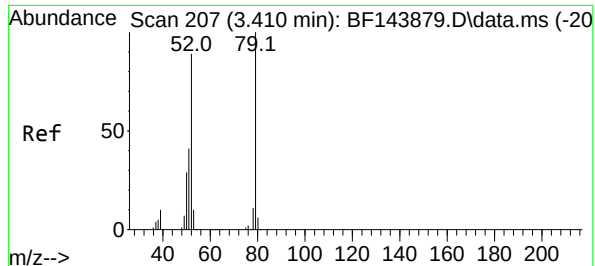
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

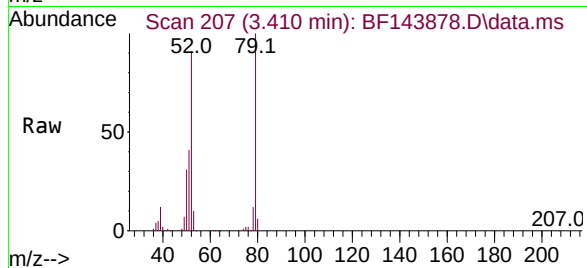
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion: 79 Resp: 251988

Ion Ratio Lower Upper

79 100

52 90.7 71.5 107.3

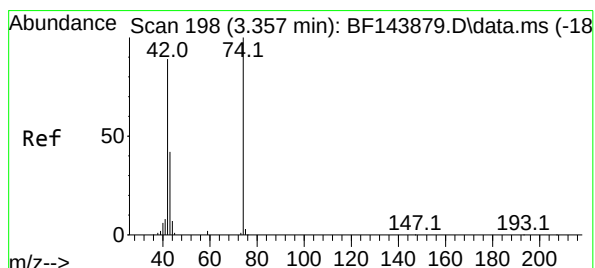
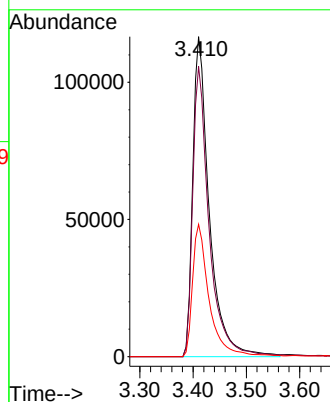
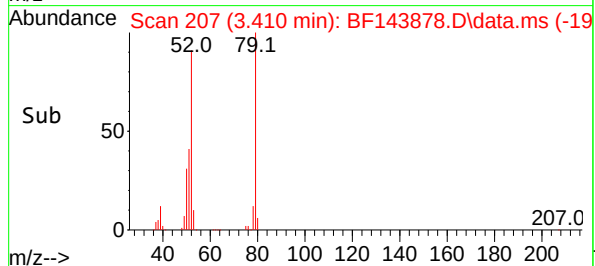
51 41.3 32.9 49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

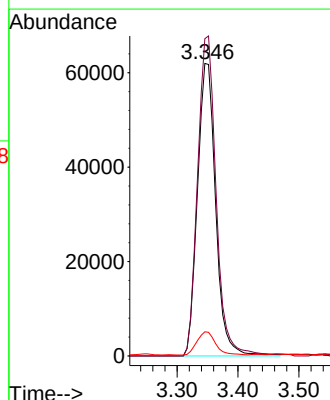
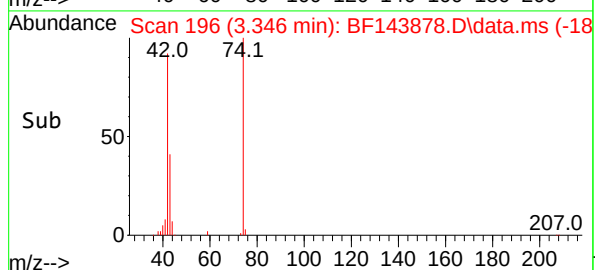
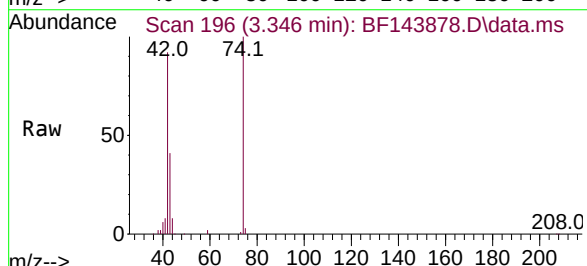
Tgt Ion: 42 Resp: 128915

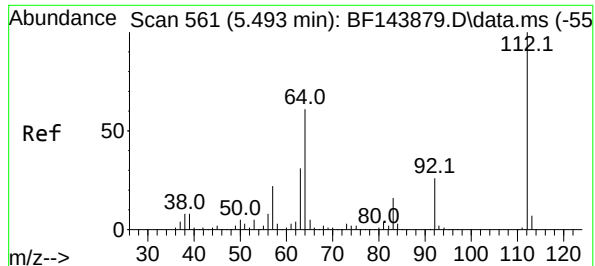
Ion Ratio Lower Upper

42 100

74 108.5 90.0 135.0

44 8.2 6.2 9.2





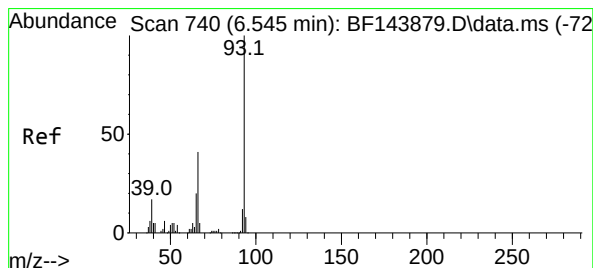
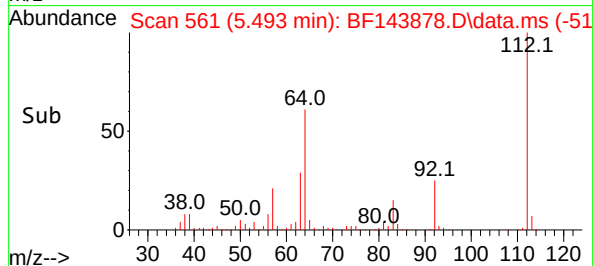
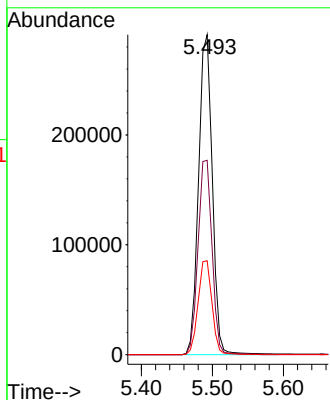
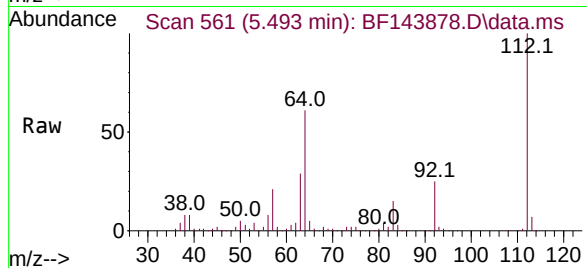
#5
2-Fluorophenol
Concen: 42.947 ng
RT: 5.493 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:112 Resp: 38964
Ion Ratio Lower Upper
112 100
64 60.7 49.1 73.7
63 29.3 24.5 36.7

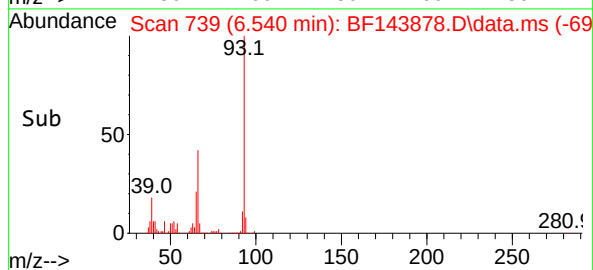
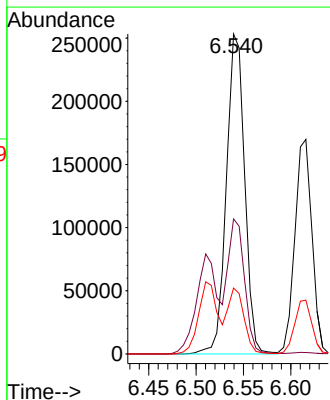
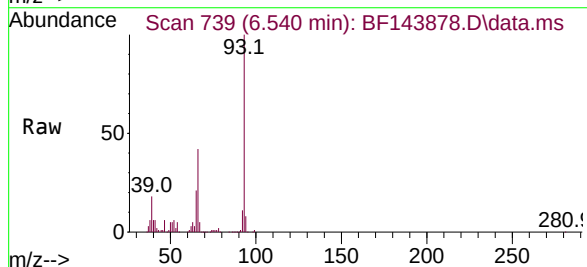
Manual Integrations
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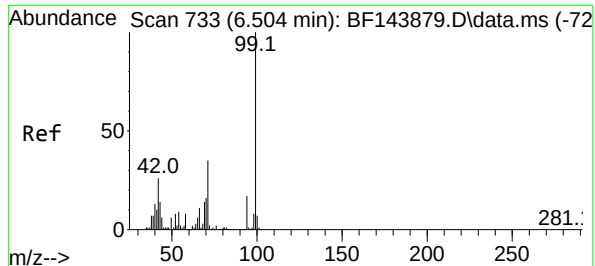
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

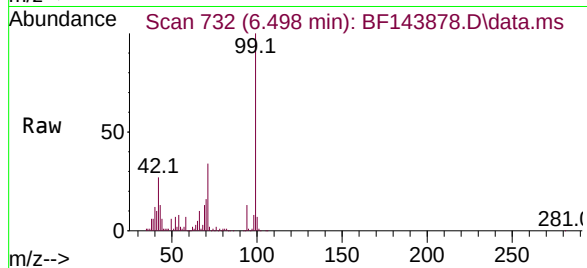
Tgt Ion: 93 Resp: 340202
Ion Ratio Lower Upper
93 100
66 42.2 33.0 49.6
65 20.6 15.8 23.8





#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

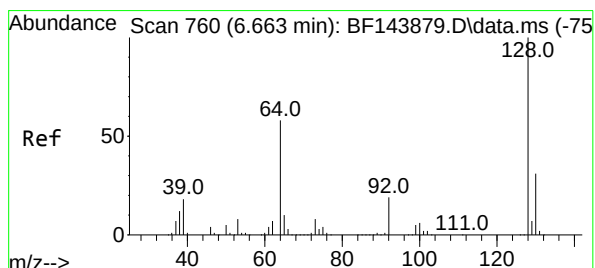
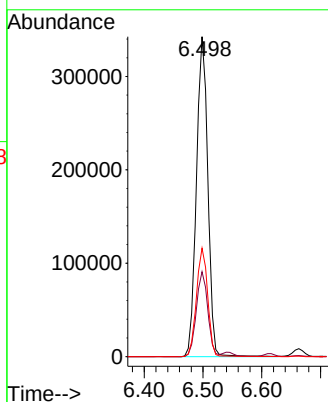
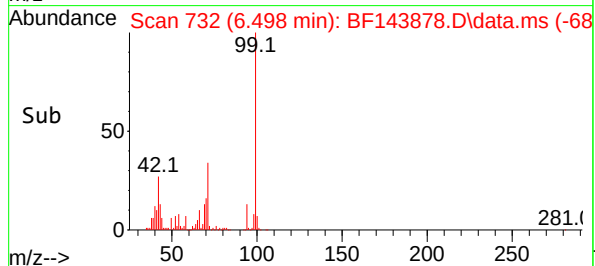
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



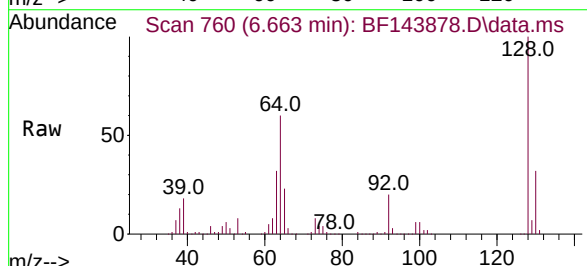
Tgt Ion: 99 Resp: 461437
Ion Ratio Lower Upper
99 100
42 26.5 21.0 31.4
71 33.9 27.8 41.8

Manual Integrations
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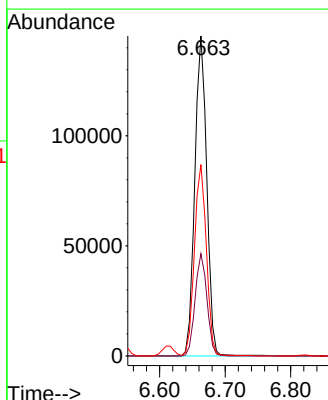
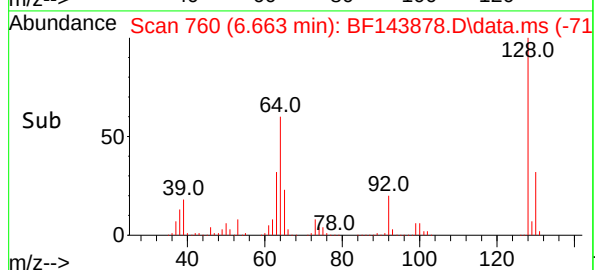
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

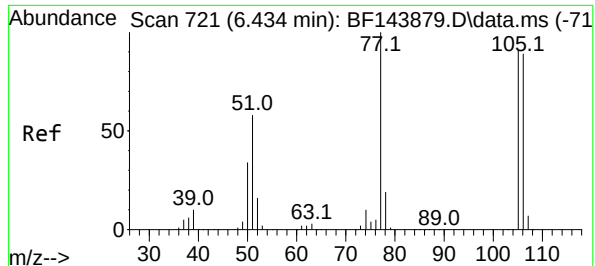


#8
2-Chlorophenol
Concen: 20.704 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



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: 14778

Ion Ratio Lower Upper

77 100

105 91.2 70.9 110.9

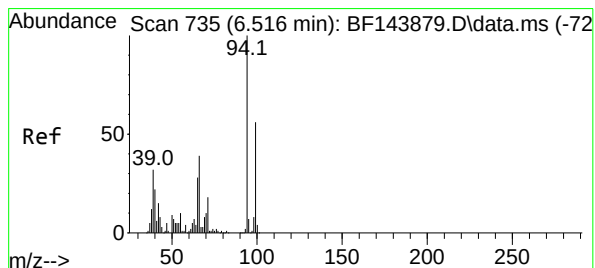
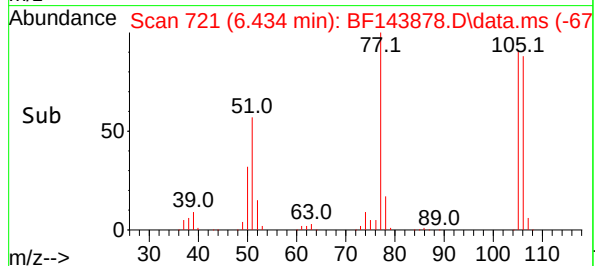
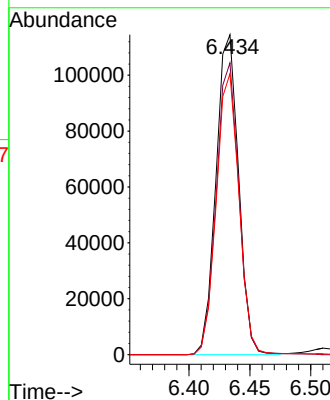
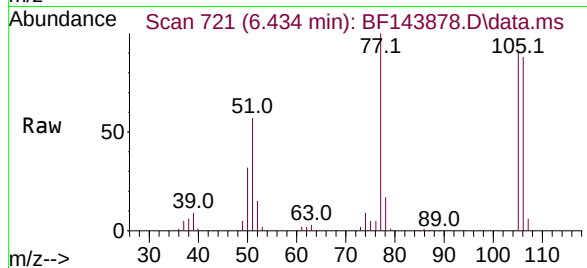
106 87.8 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

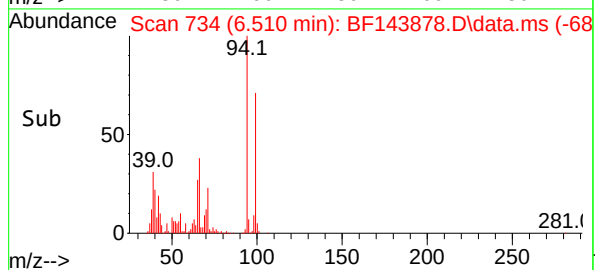
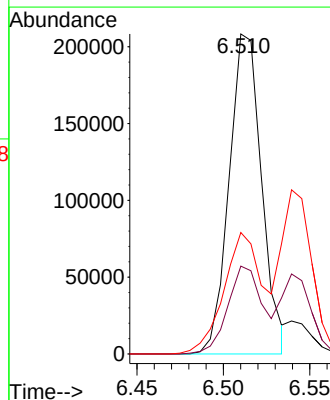
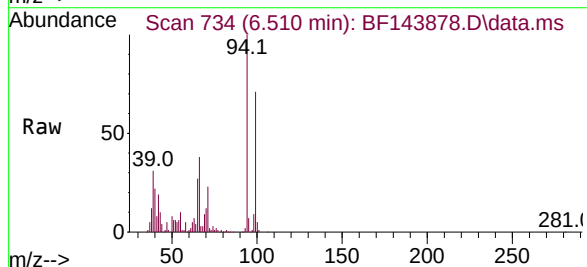
Tgt Ion: 94 Resp: 272100

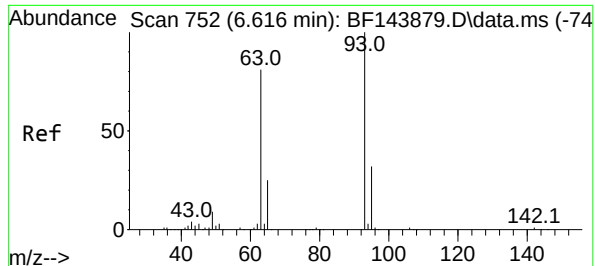
Ion Ratio Lower Upper

94 100

65 27.4 8.5 48.5

66 37.9 19.9 59.9





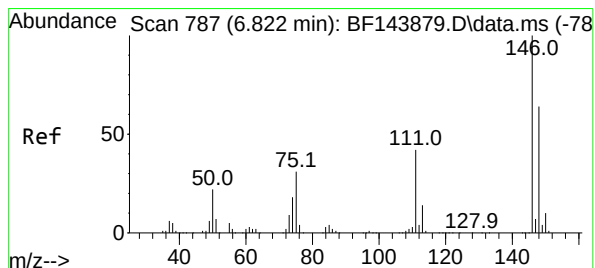
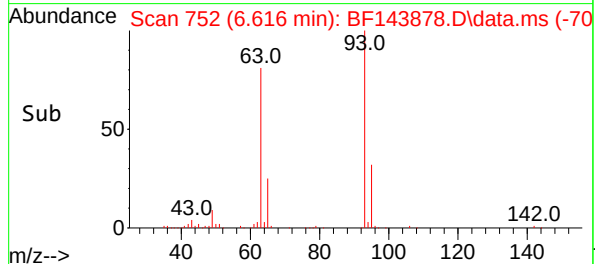
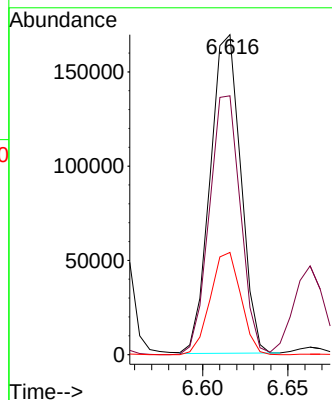
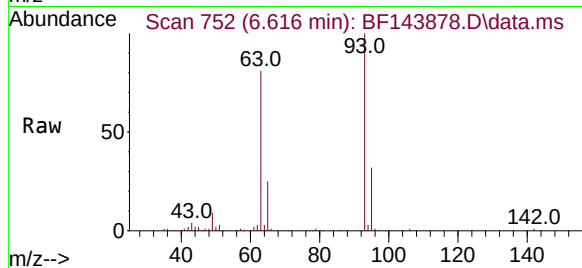
#11
bis(2-Chloroethyl)ether
Concen: 21.157 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

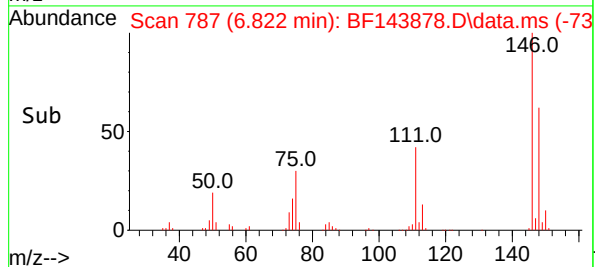
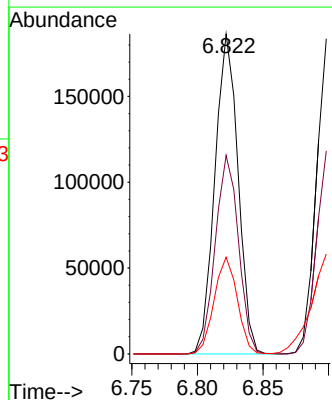
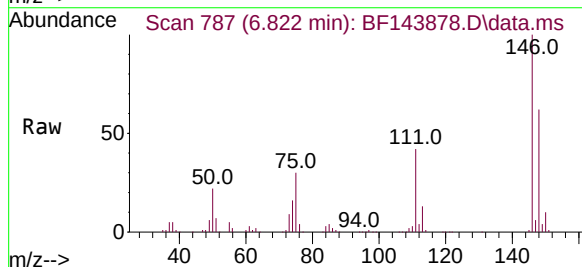
Manual Integrations
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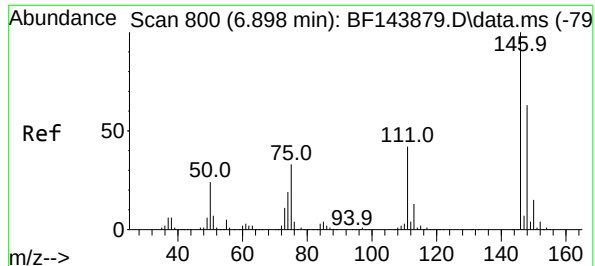
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

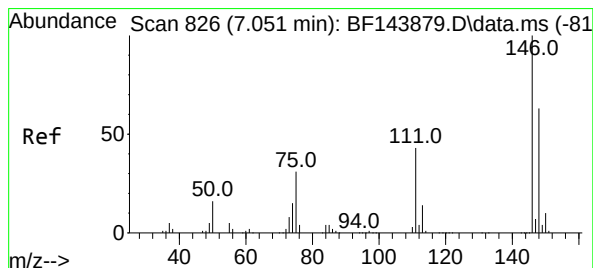
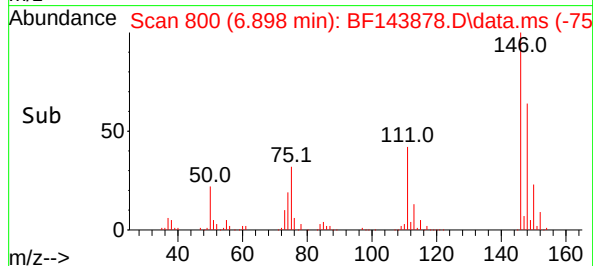
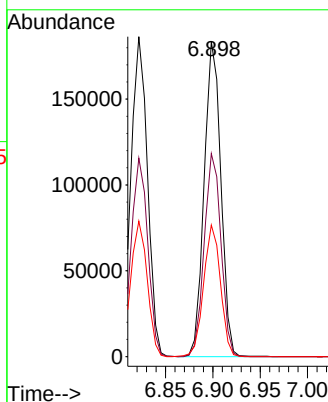
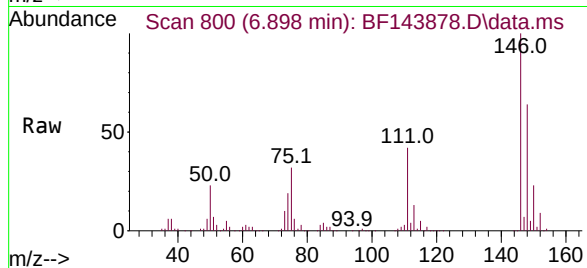
111 41.8 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

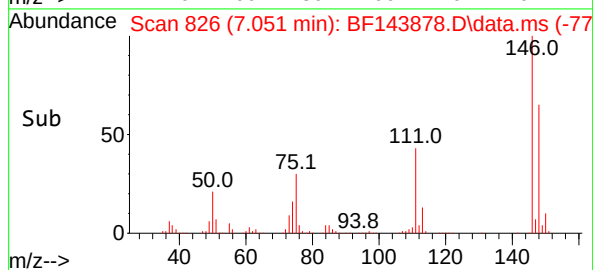
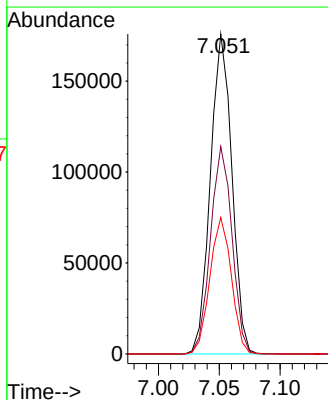
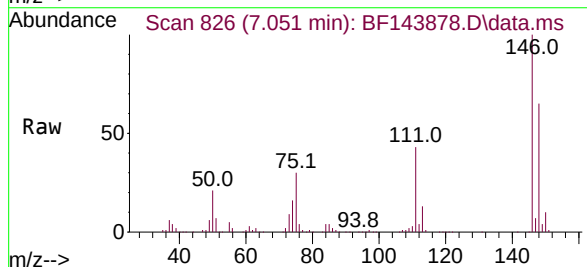
Tgt Ion:146 Resp: 216196

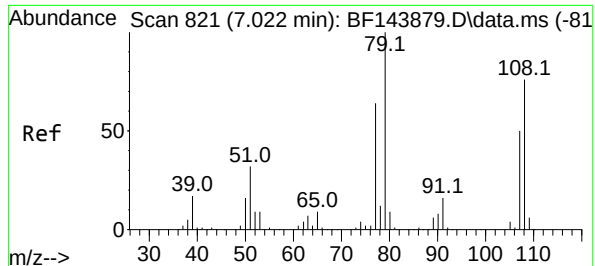
Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

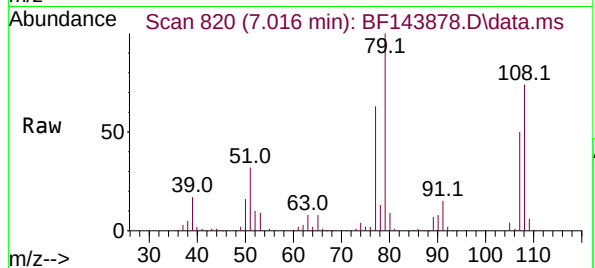
111 42.6 34.6 51.8





#15
Benzyl Alcohol
Concen: 20.241 ng
RT: 7.016 min Scan# 821
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

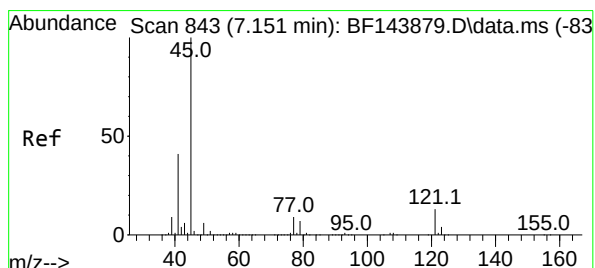
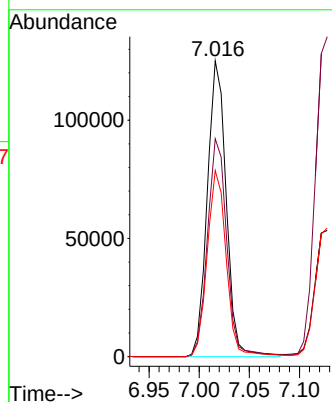
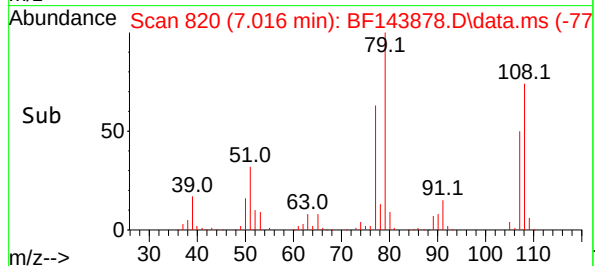
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



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

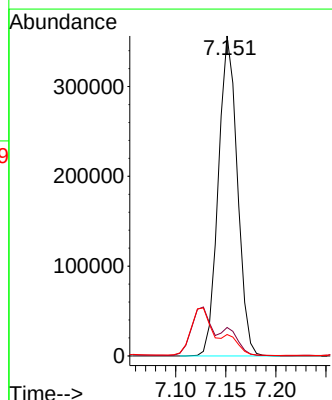
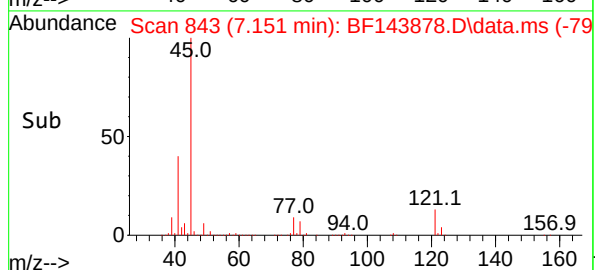
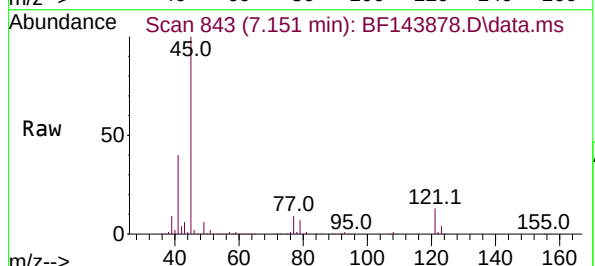
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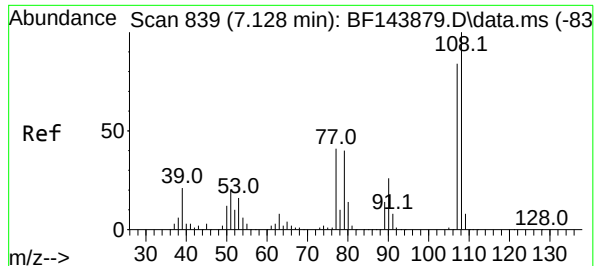
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

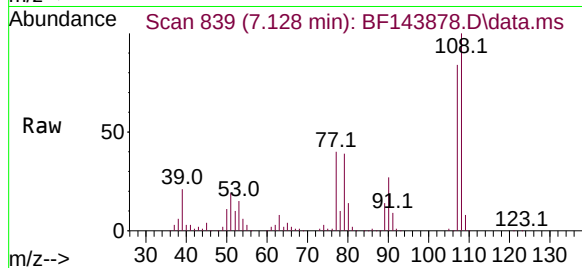
Tgt Ion: 45 Resp: 471598
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.0
79 6.7 0.0 26.8





#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

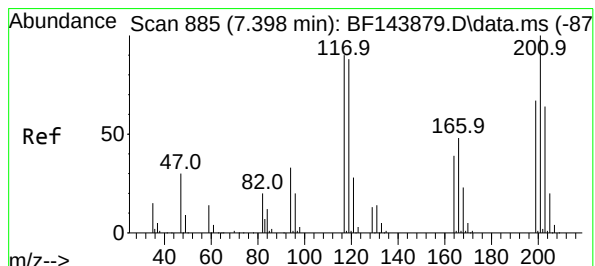
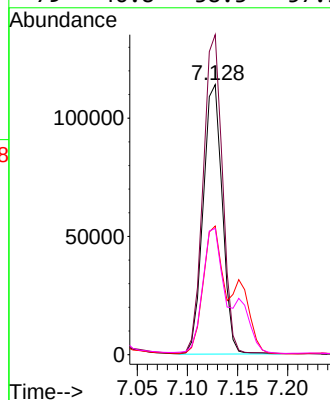
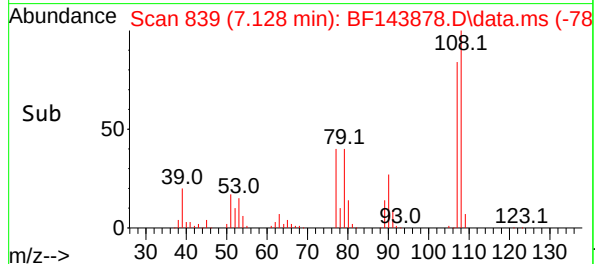
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



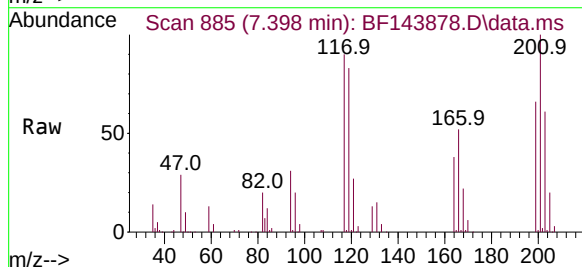
Tgt Ion:107 Resp: 151099
Ion Ratio Lower Upper
107 100
108 118.5 94.7 142.1
77 47.6 38.8 58.2
79 46.8 38.3 57.5

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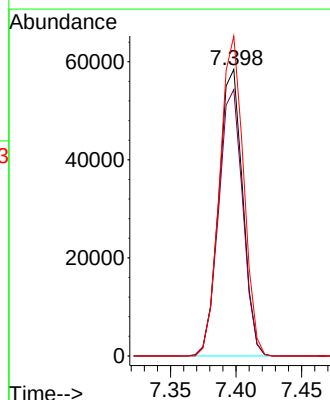
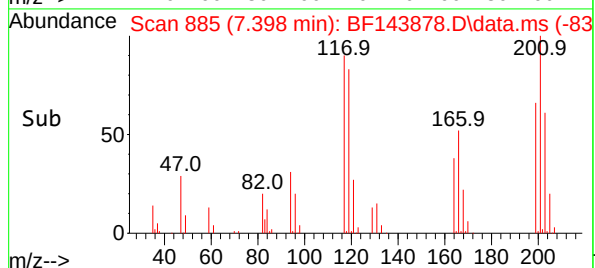
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

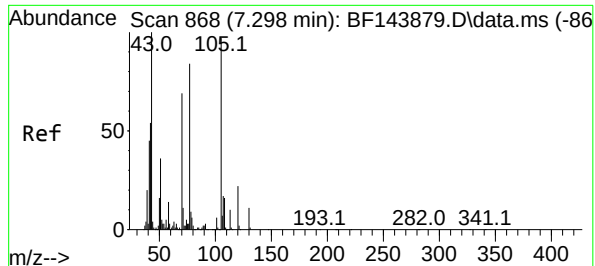


#18
Hexachloroethane
Concen: 21.232 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



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

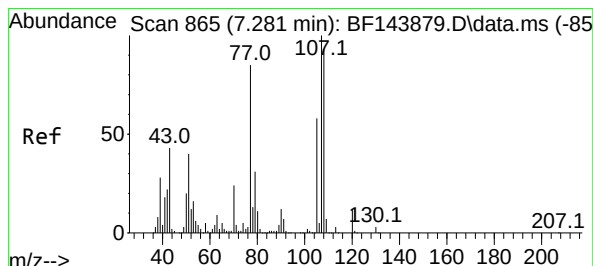
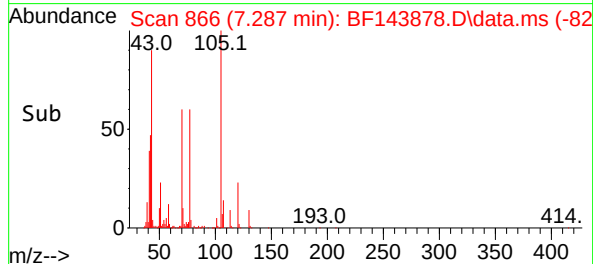
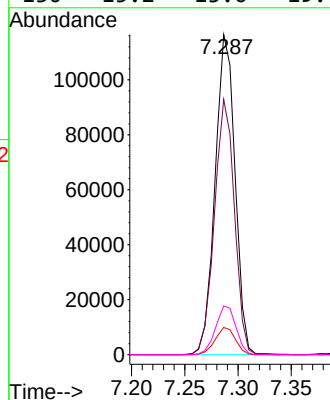
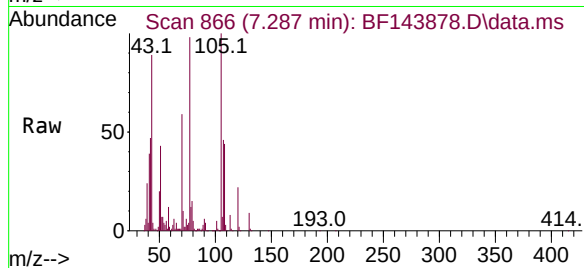
130 15.2 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

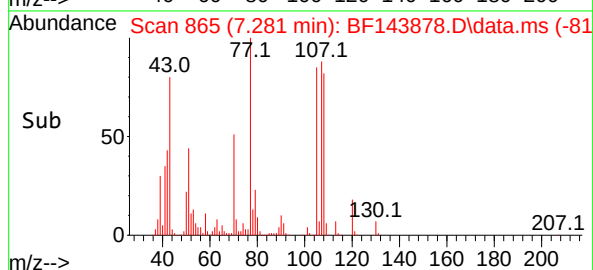
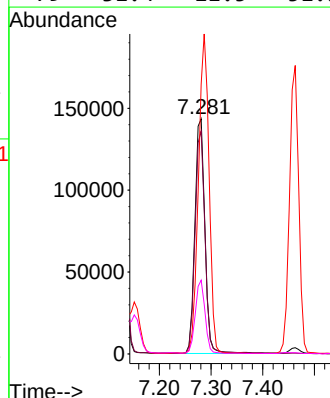
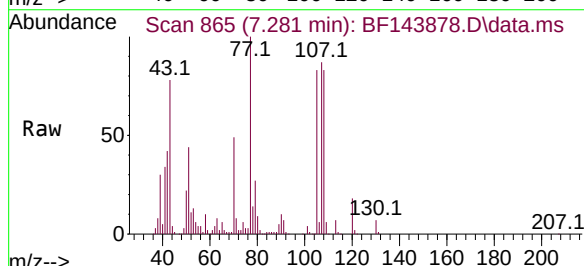
Ion Ratio Lower Upper

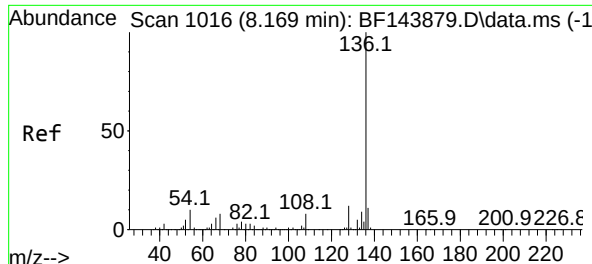
107 100

108 94.8 73.0 113.0

77 114.7 64.6 104.6#

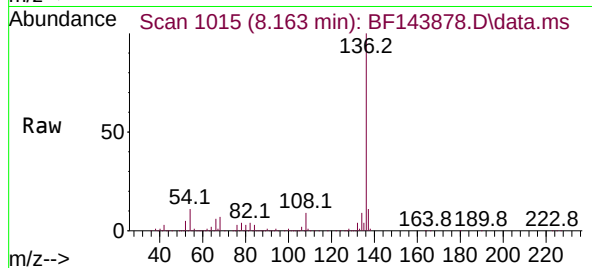
79 31.4 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

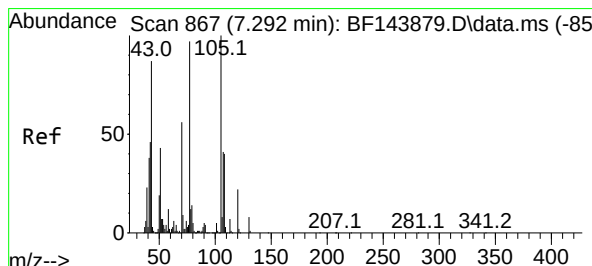
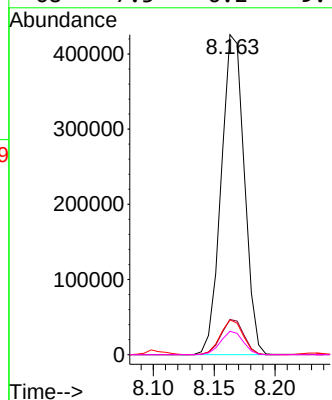
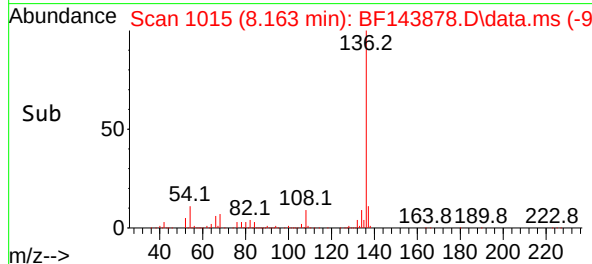
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

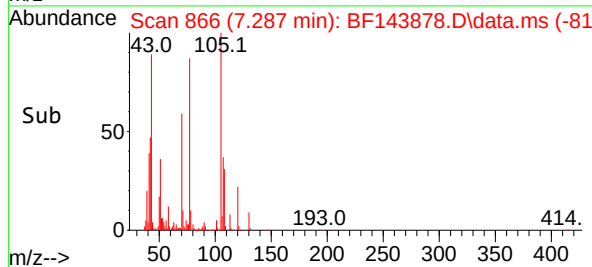
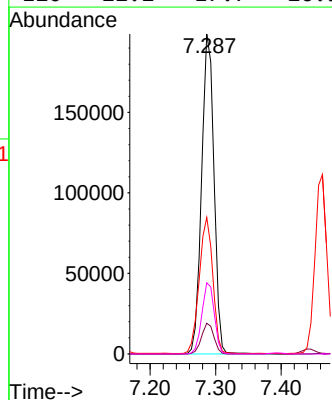
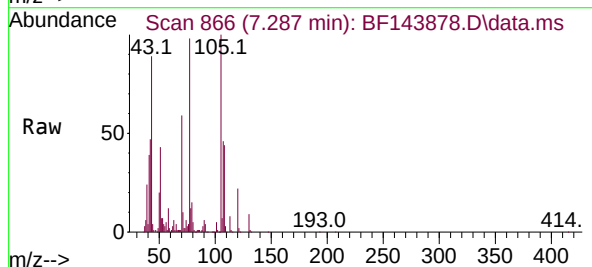
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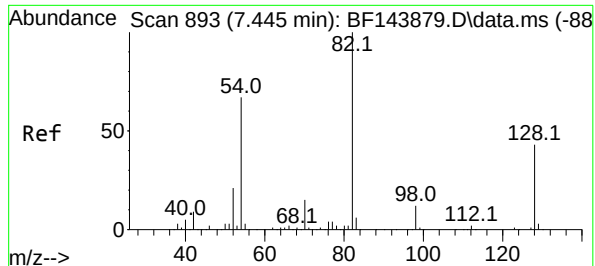
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

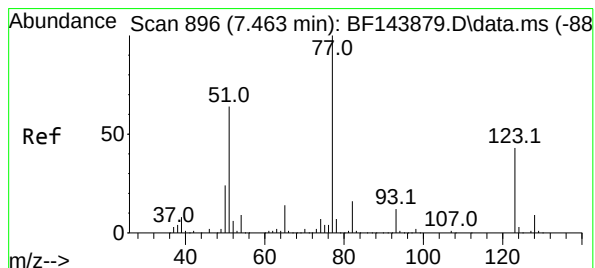
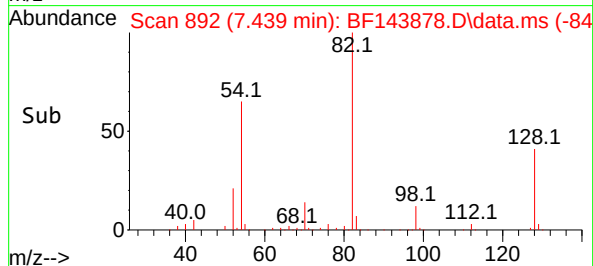
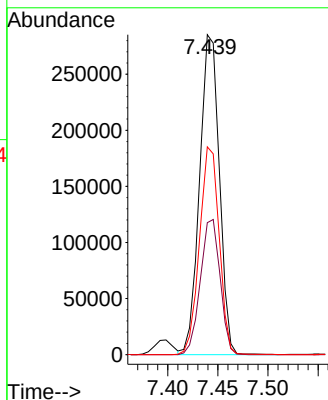
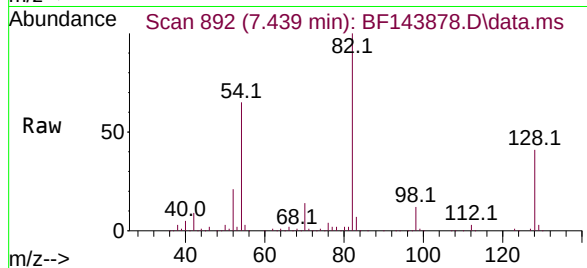
54 64.9 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

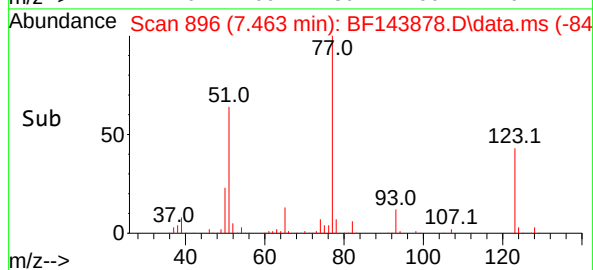
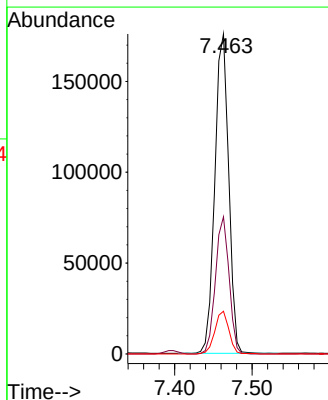
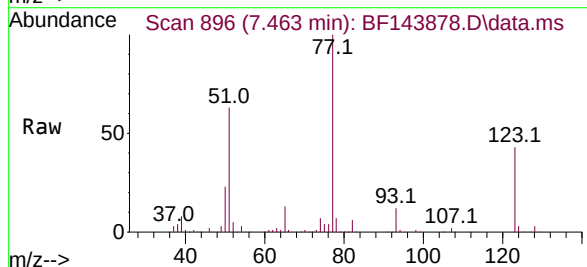
Tgt Ion: 77 Resp: 218497

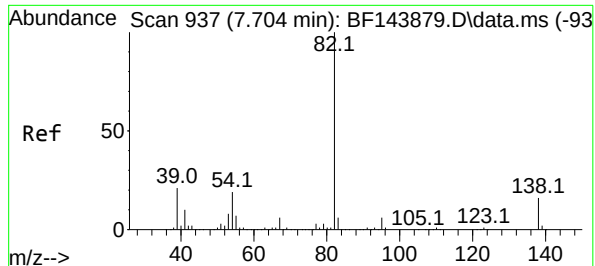
Ion Ratio Lower Upper

77 100

123 42.8 34.2 51.4

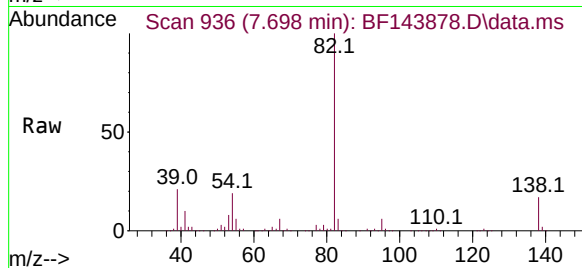
65 13.3 11.0 16.6





#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

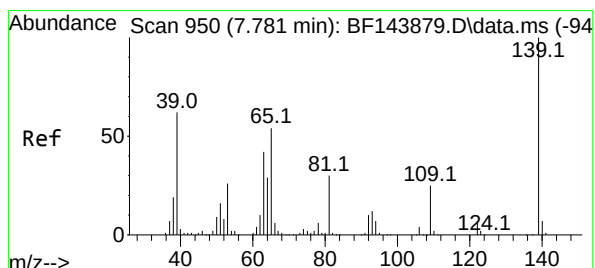
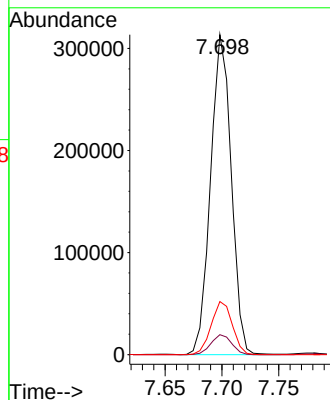
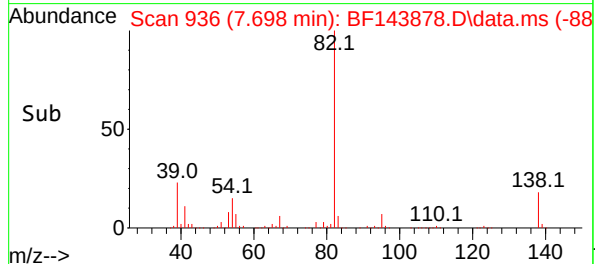
Instrument :
BNA_F
Client Sample Id :
SSTDICC020



Tgt Ion: 82 Resp: 397600
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.6 12.9 19.3

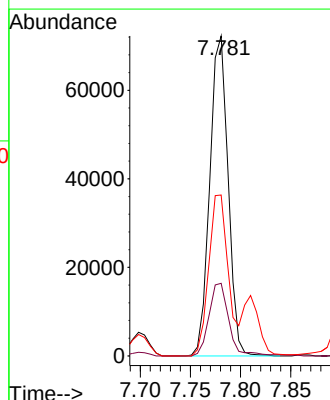
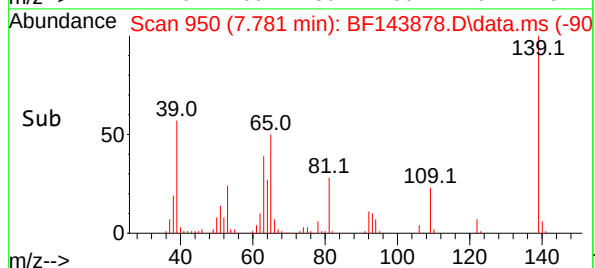
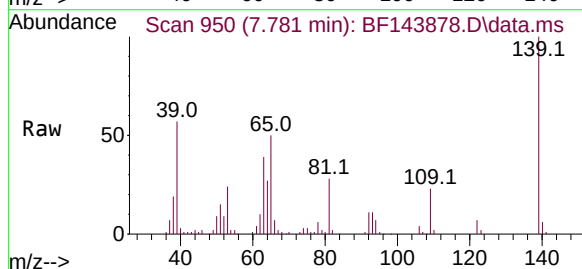
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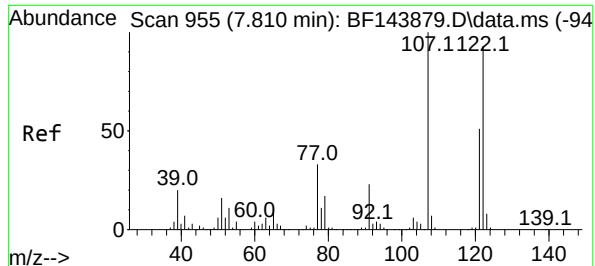
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





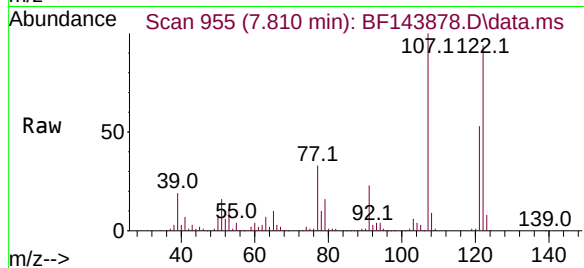
#27
2,4-Dimethylphenol
Concen: 20.682 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

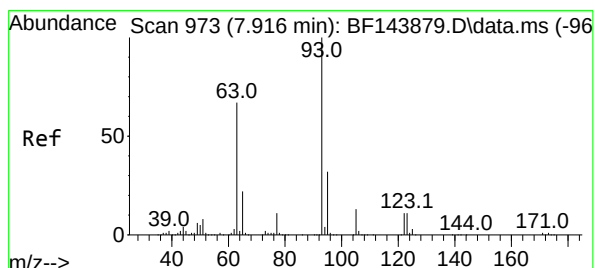
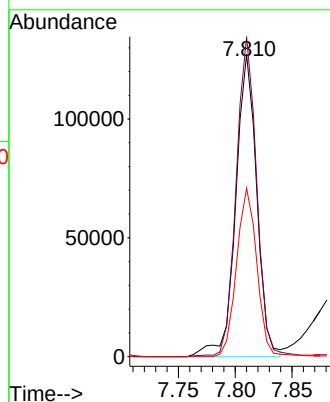
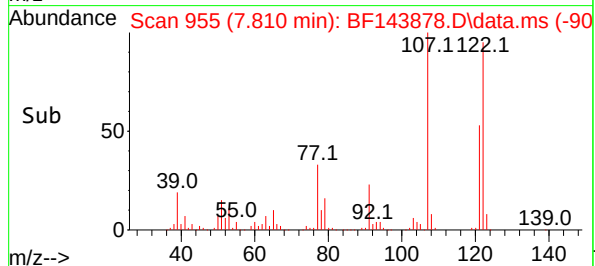


Tgt Ion:122 Resp: 163783
Ion Ratio Lower Upper
122 100
107 105.9 86.1 129.1
121 55.8 43.8 65.6

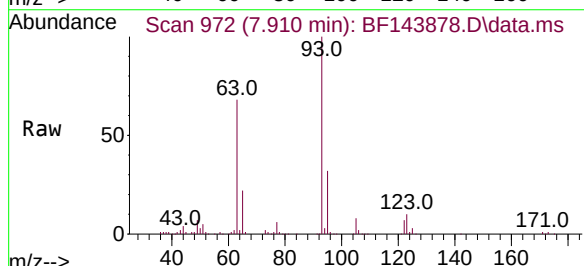
Manual Integrations

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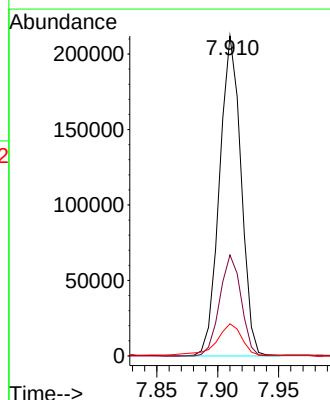
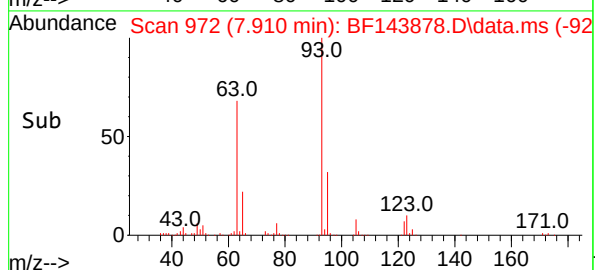
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

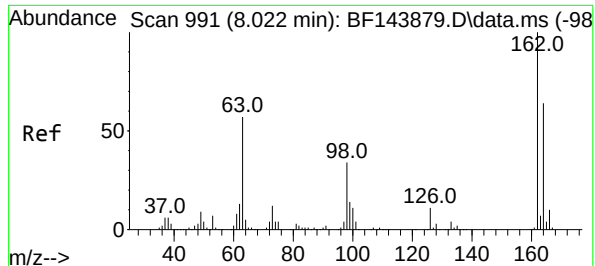


#28
bis(2-Chloroethoxy)methane
Concen: 21.131 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



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

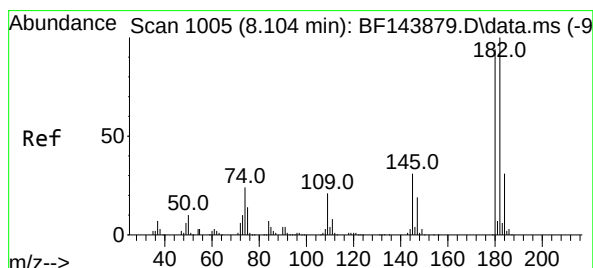
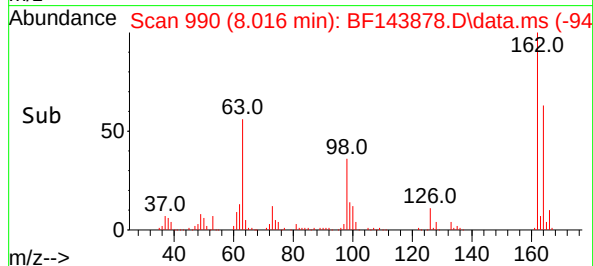
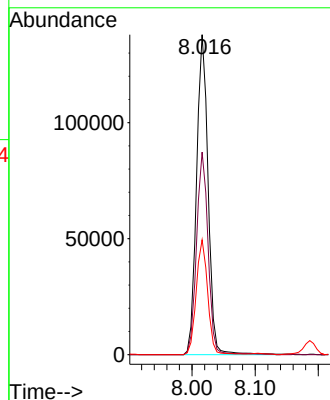
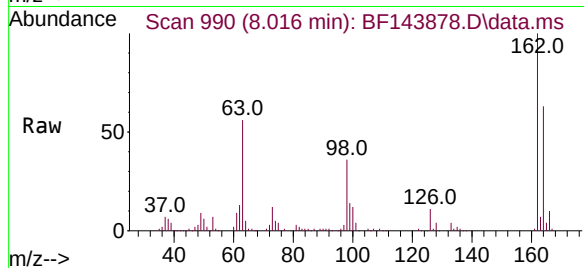
98 35.9 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

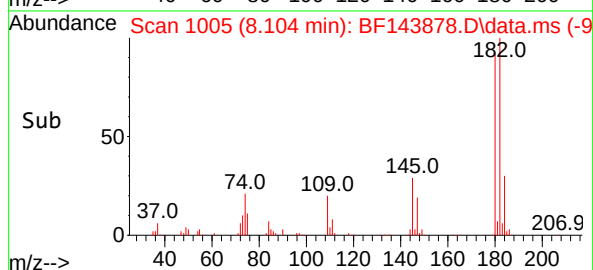
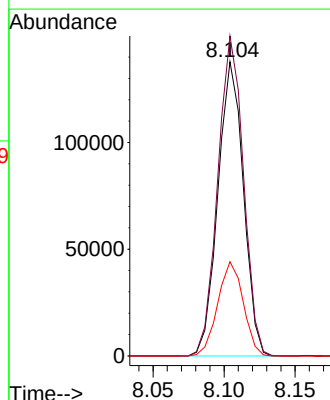
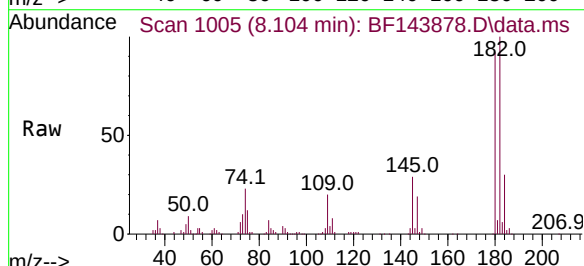
Tgt Ion:180 Resp: 172265

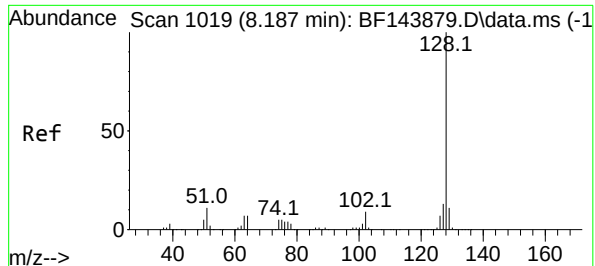
Ion Ratio Lower Upper

180 100

182 108.8 85.4 128.0

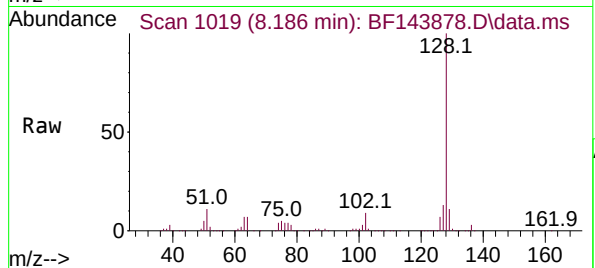
145 32.0 26.3 39.5





#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

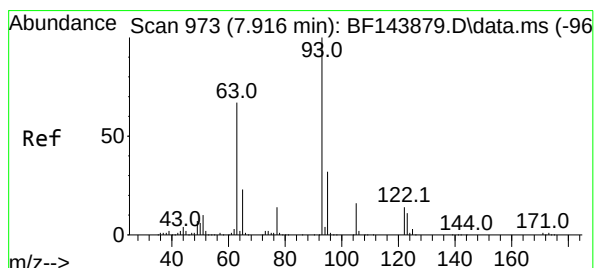
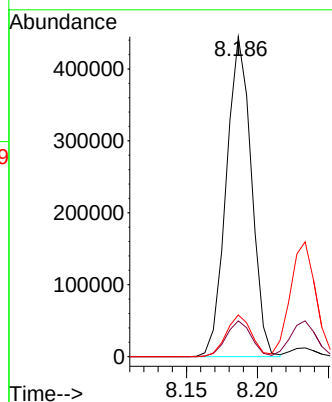
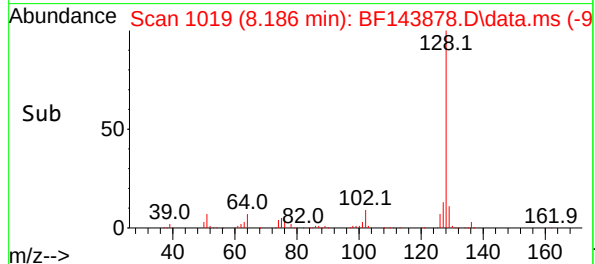
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:128 Resp: 545972
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.1 10.0 15.0

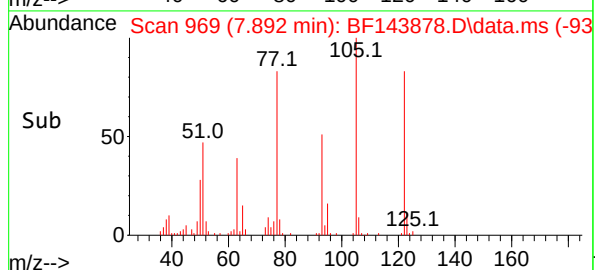
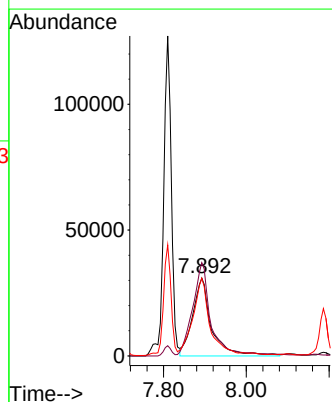
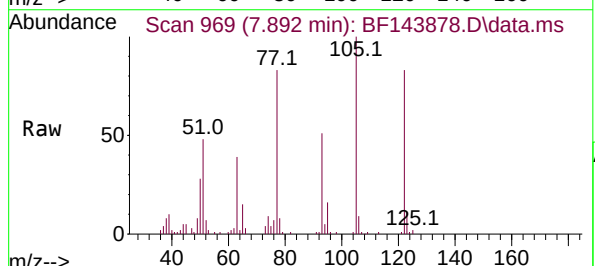
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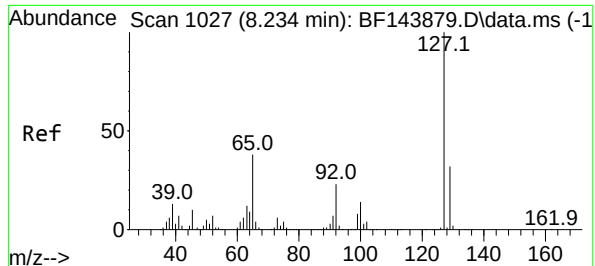
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

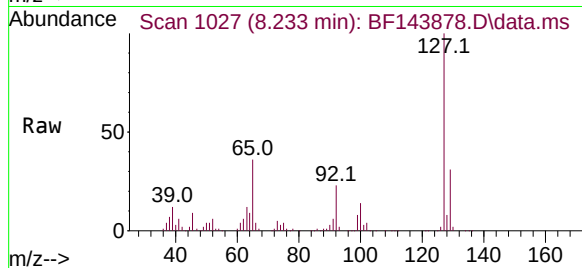
Tgt Ion:122 Resp: 98172
Ion Ratio Lower Upper
122 100
105 120.1 93.5 133.5
77 100.0 76.3 116.3





#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

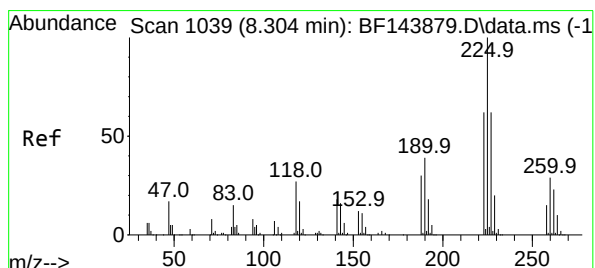
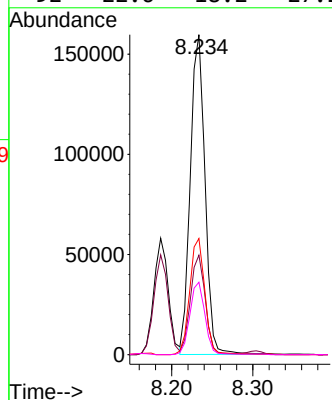
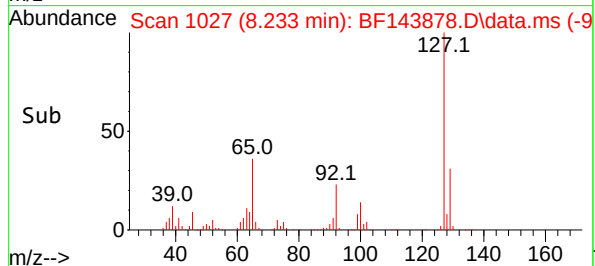
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

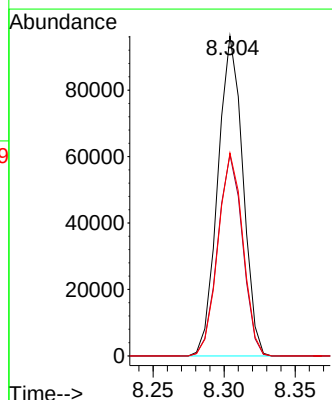
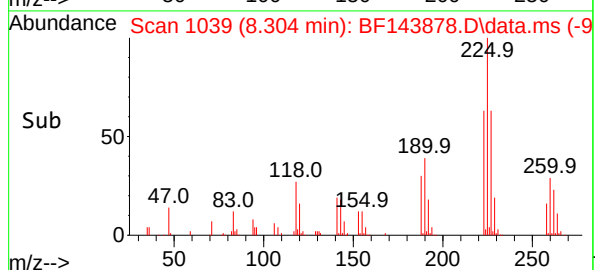
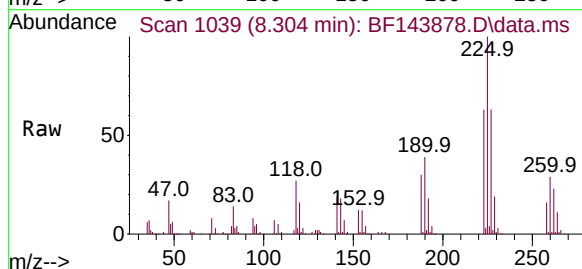
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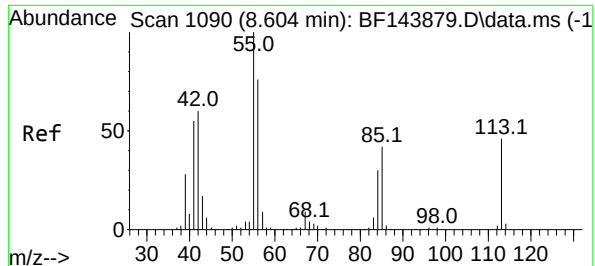
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





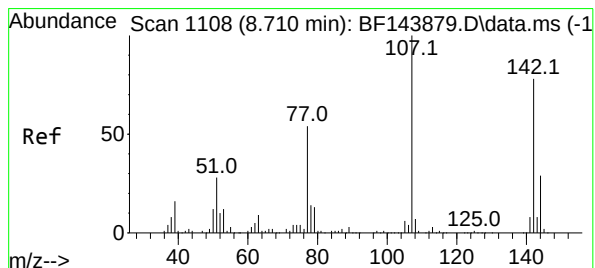
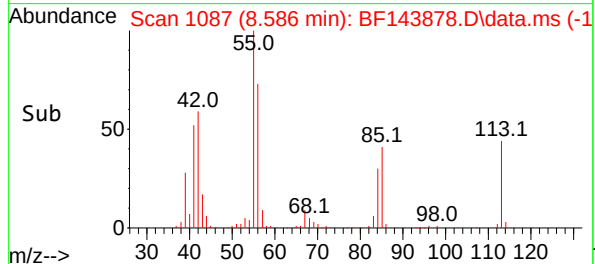
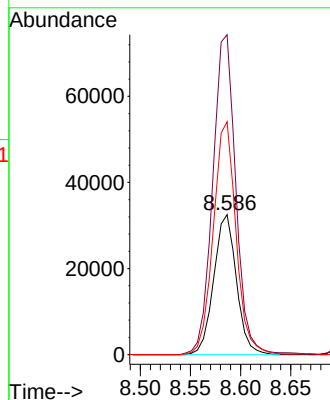
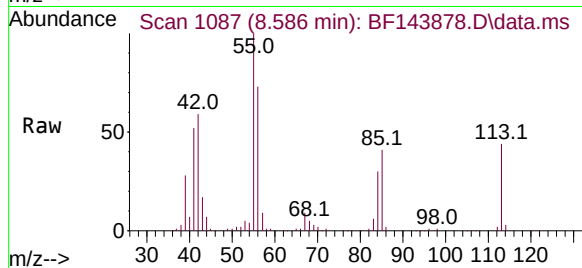
#35
Caprolactam
Concen: 19.505 ng
RT: 8.586 min Scan# 1090
Delta R.T. -0.059 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:113 Resp: 51159
Ion Ratio Lower Upper
113 100
55 228.6 199.6 239.6
56 166.4 146.0 186.0

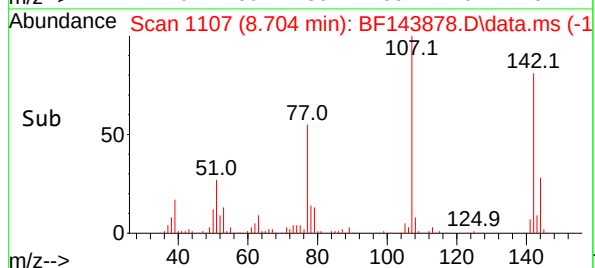
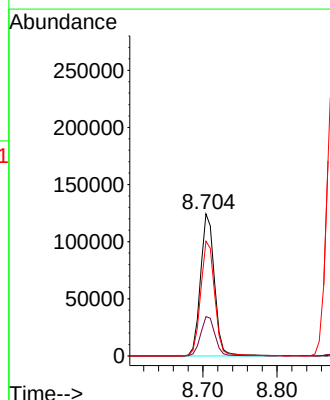
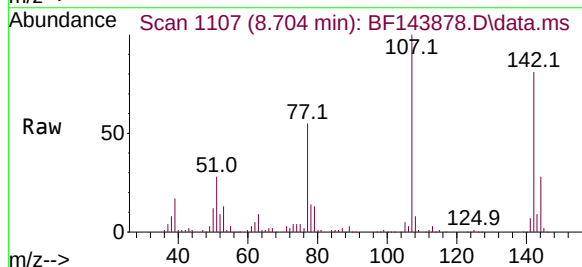
Manual Integrations
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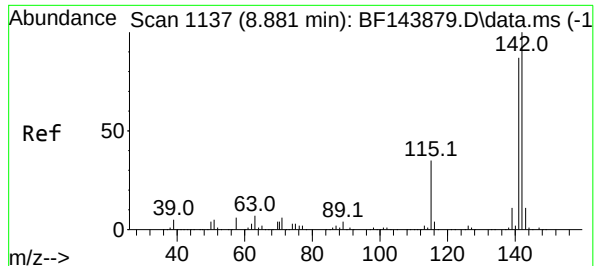
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

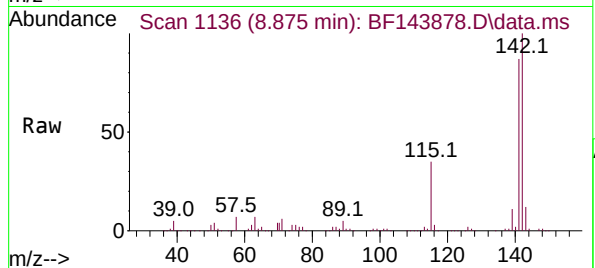
Tgt Ion:107 Resp: 162629
Ion Ratio Lower Upper
107 100
144 27.7 23.1 34.7
142 80.8 62.6 94.0





#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

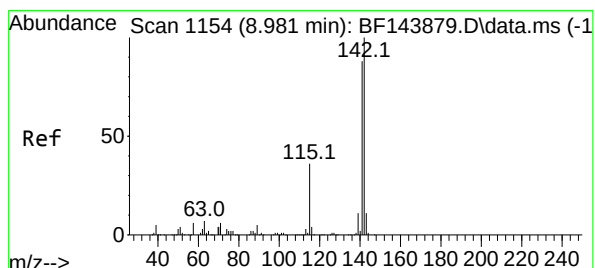
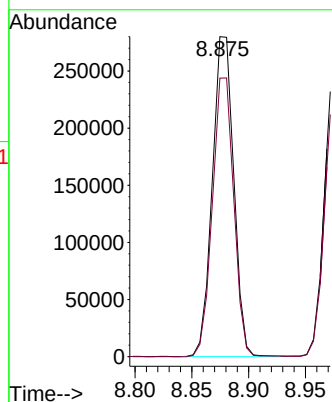
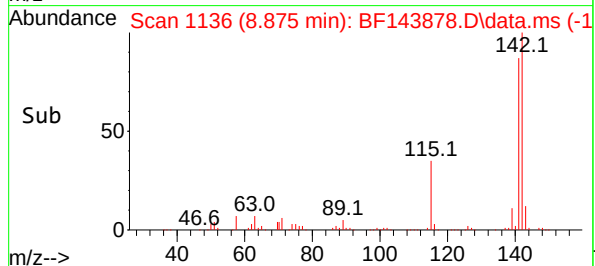
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:142 Resp: 367401
Ion Ratio Lower Upper
142 100
141 87.0 69.2 103.8

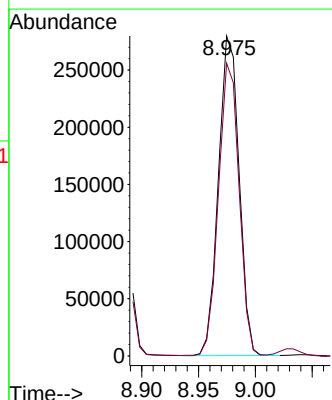
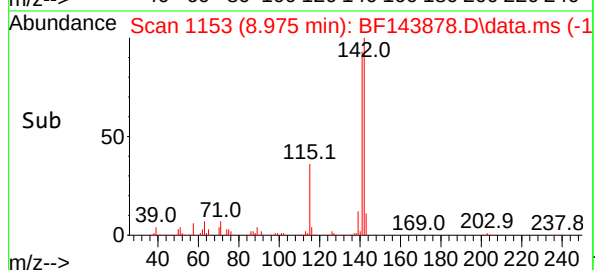
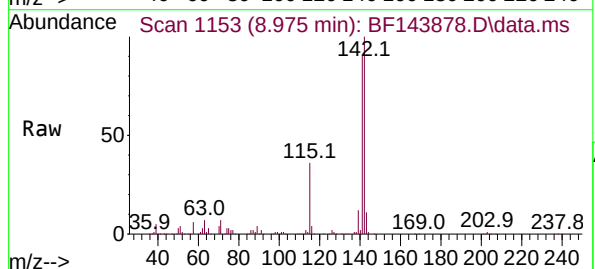
Manual Integrations
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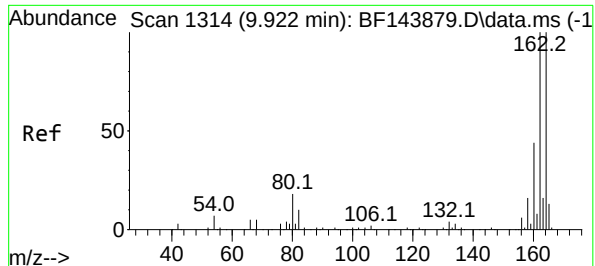
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

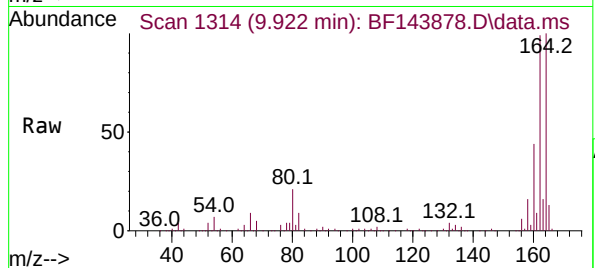
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:164 Resp: 311297

Ion Ratio Lower Upper

164 100

162 98.6 80.2 120.2

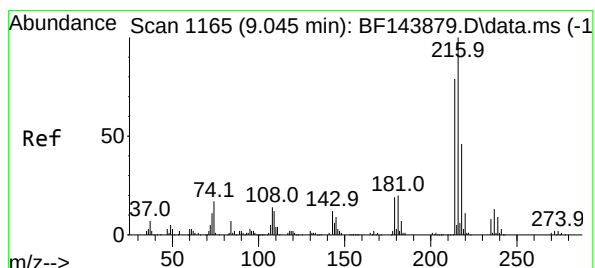
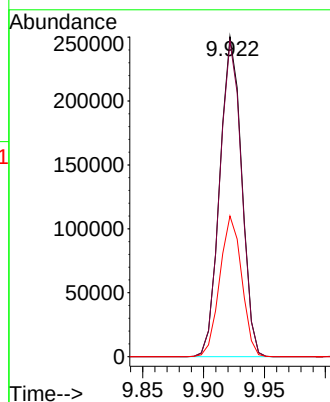
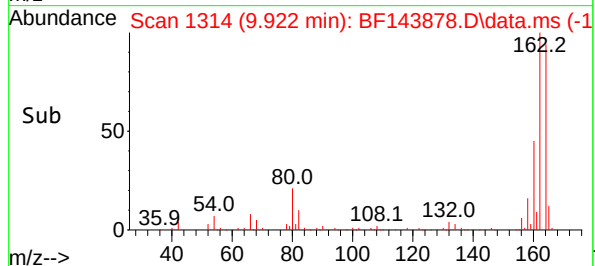
160 43.9 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

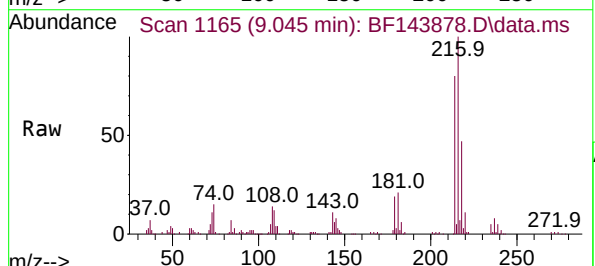
Concen: 21.523 ng

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

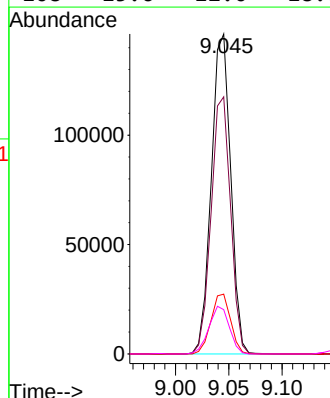
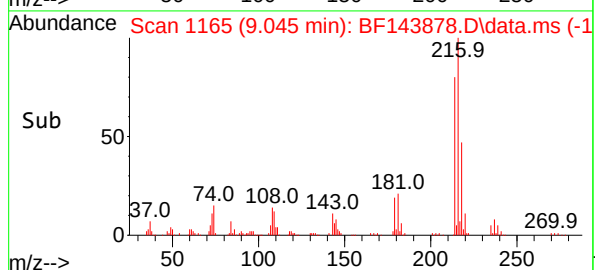
Ion Ratio Lower Upper

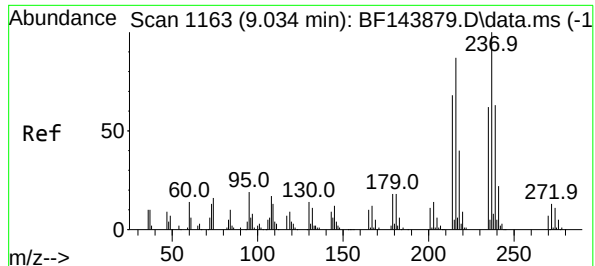
216 100

214 80.8 62.6 94.0

179 18.9 15.4 23.0

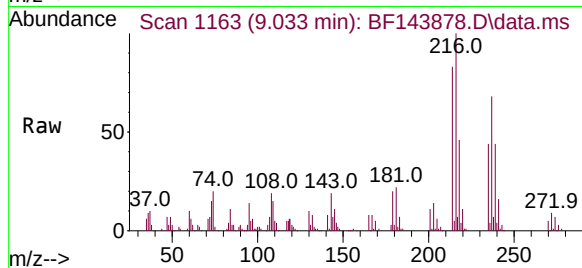
108 15.6 12.0 18.0





#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

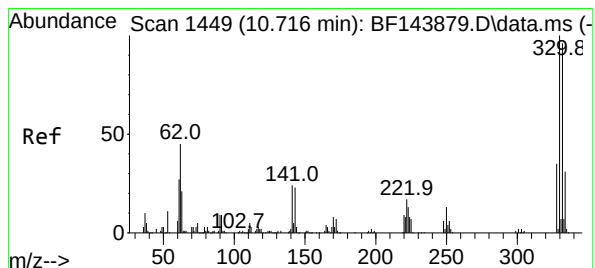
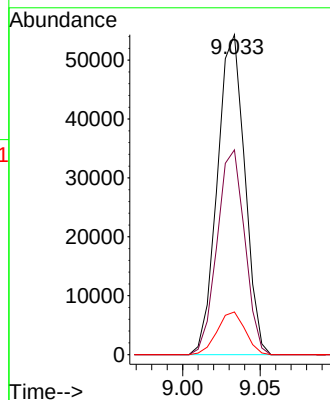
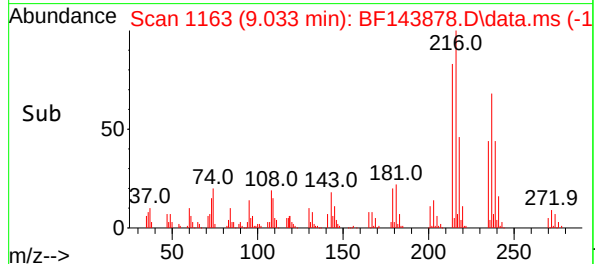
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



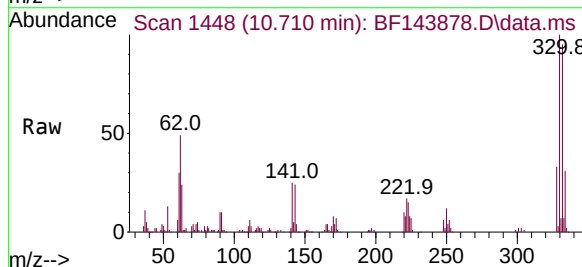
Tgt Ion: 237 Resp: 67128
Ion Ratio Lower Upper
237 100
235 64.0 42.3 82.3
272 13.4 0.0 33.1

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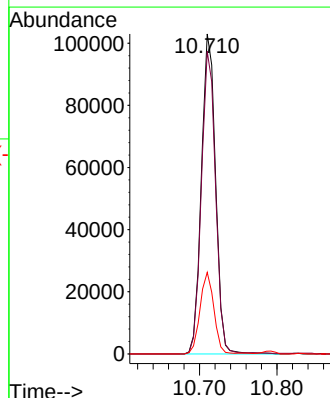
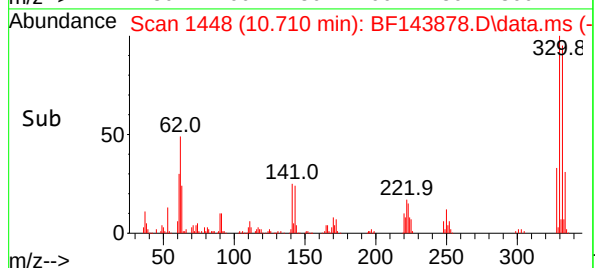
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

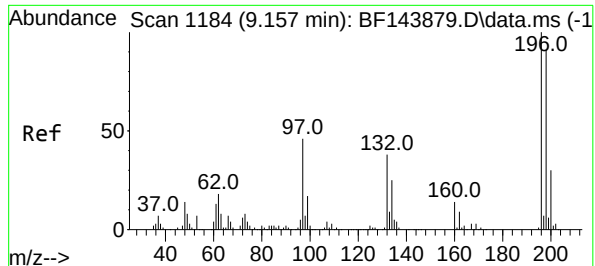


#42
2,4,6-Tribromophenol
Concen: 42.114 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



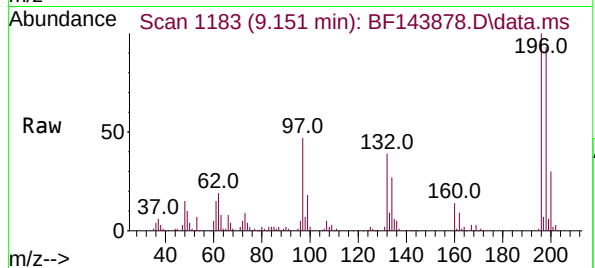
Tgt Ion: 330 Resp: 130577
Ion Ratio Lower Upper
330 100
332 94.8 76.9 115.3
141 24.8 20.2 30.4





#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

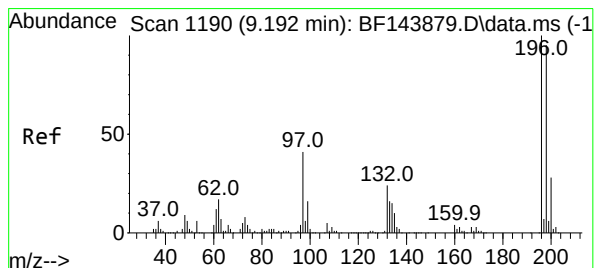
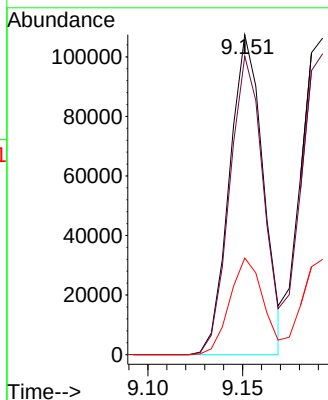
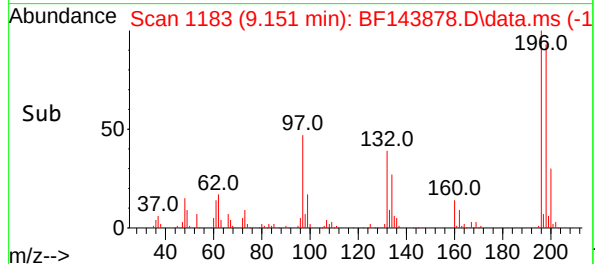
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:196 Resp: 13274
Ion Ratio Lower Upper
196 100
198 93.3 72.8 109.2
200 30.2 24.0 36.0

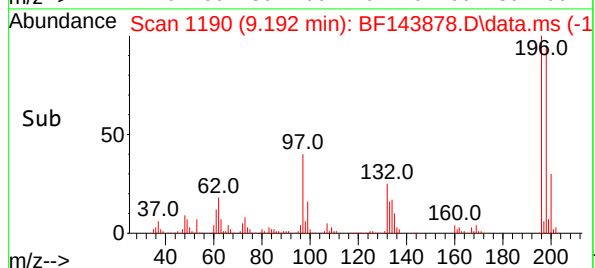
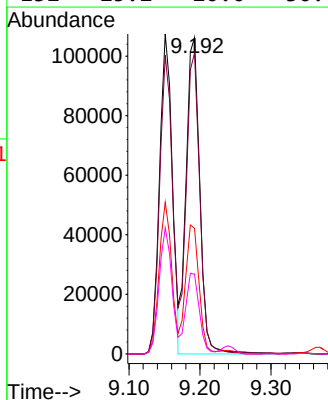
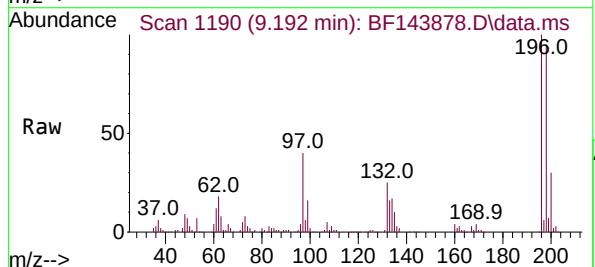
Manual Integrations
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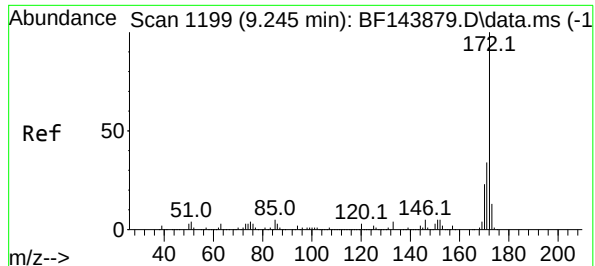
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

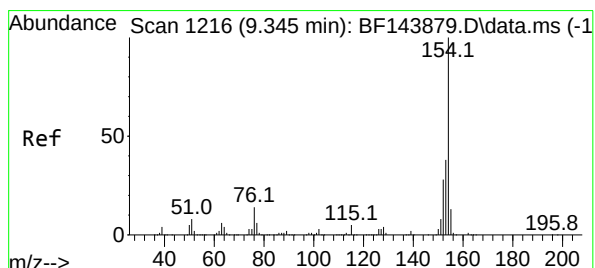
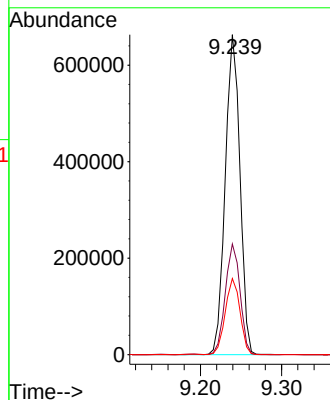
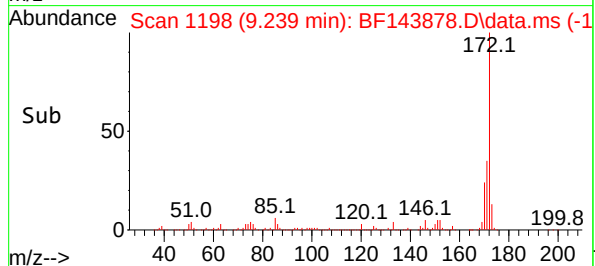
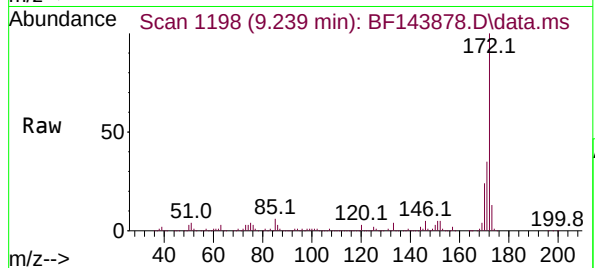
170 23.8 18.6 28.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

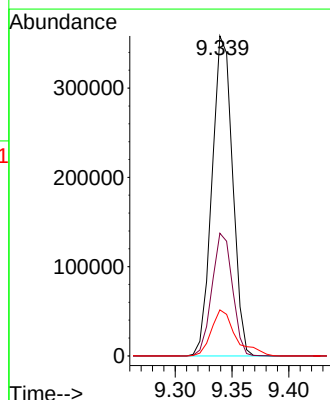
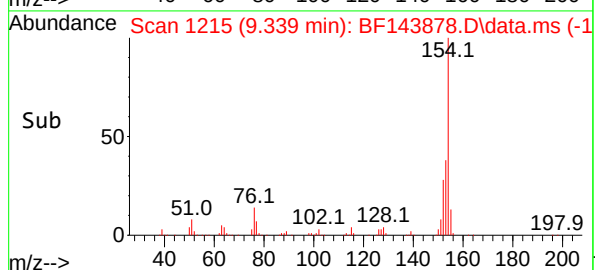
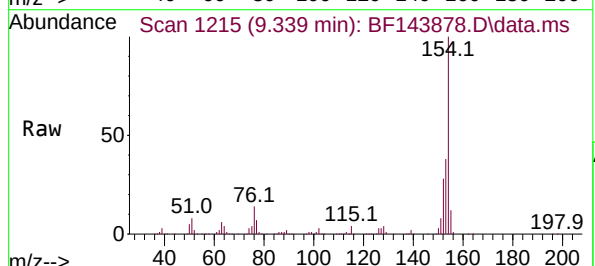
Tgt Ion:154 Resp: 450706

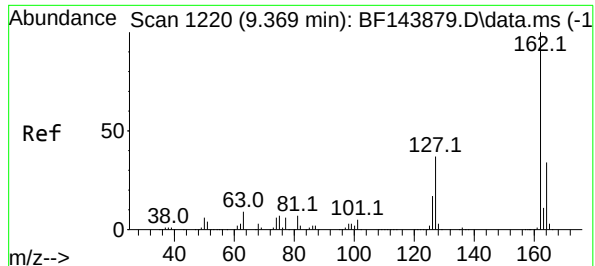
Ion Ratio Lower Upper

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# 1220

Delta R.T. -0.006 min

Lab File: BF143878.D

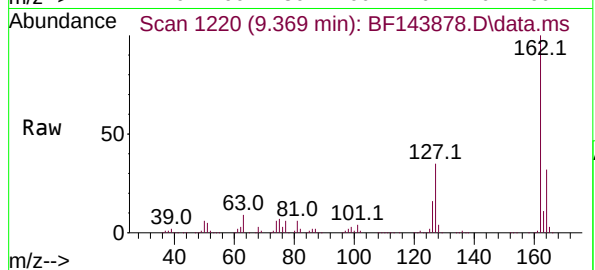
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:162 Resp: 372531

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

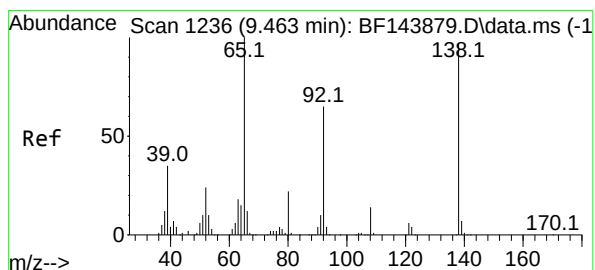
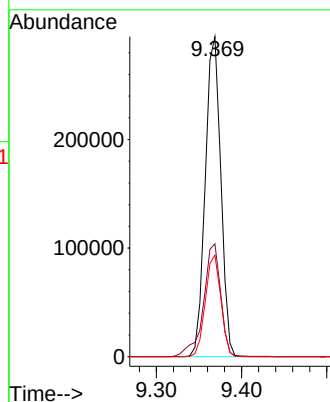
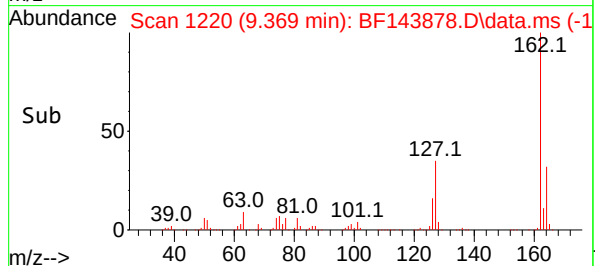
164 31.7 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#48

2-Nitroaniline

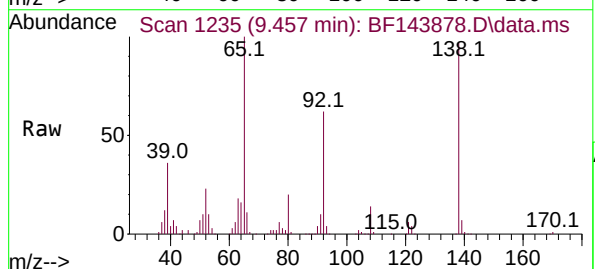
Concen: 21.263 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



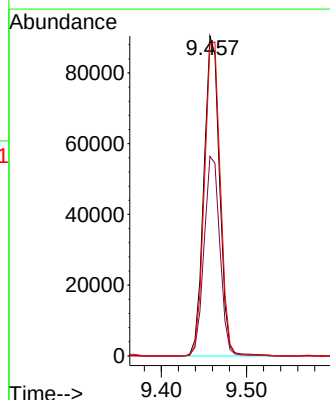
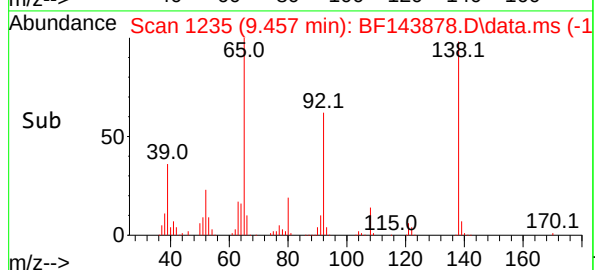
Tgt Ion: 65 Resp: 115519

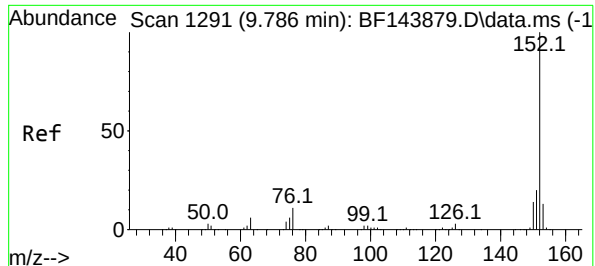
Ion Ratio Lower Upper

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

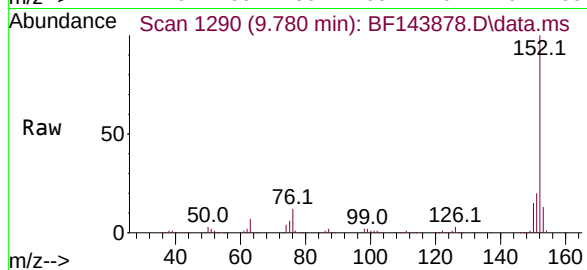
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



Tgt Ion:152 Resp: 512980

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

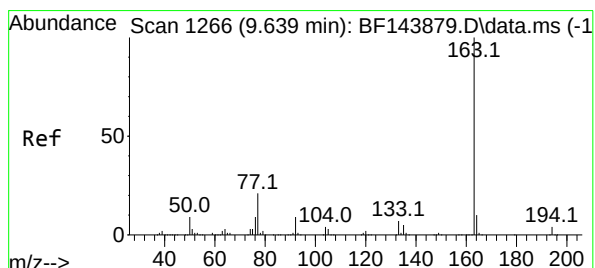
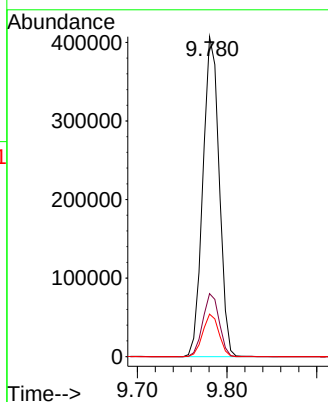
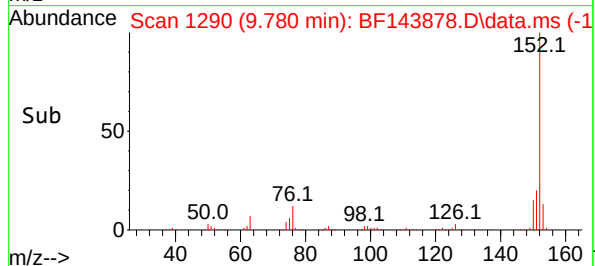
153 13.3 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

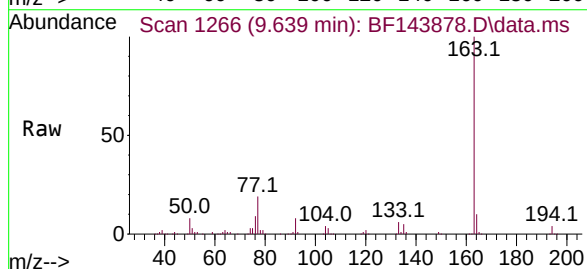
Concen: 21.011 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



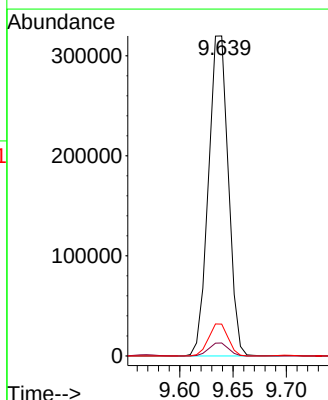
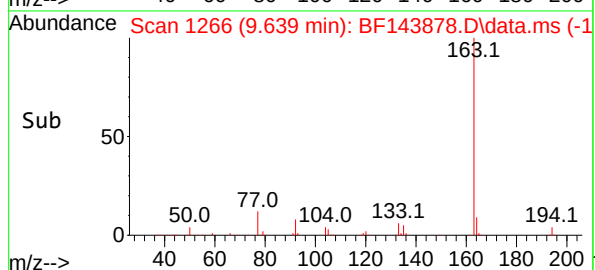
Tgt Ion:163 Resp: 415359

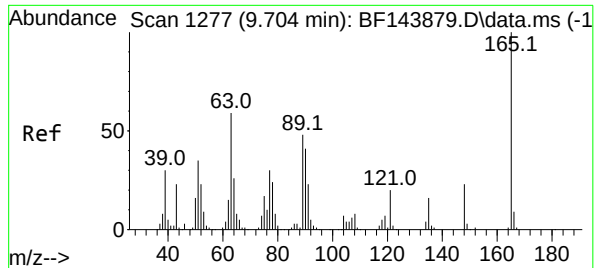
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

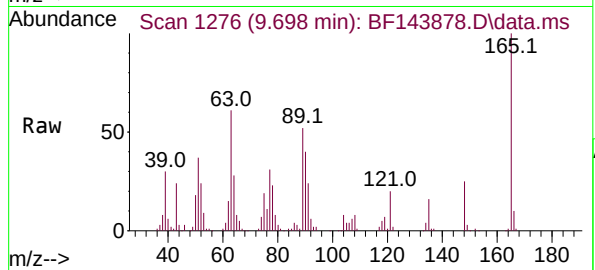
164 9.9 8.1 12.1





#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

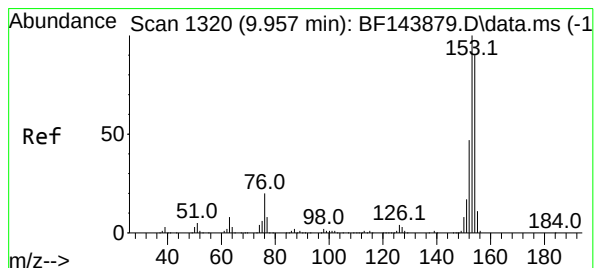
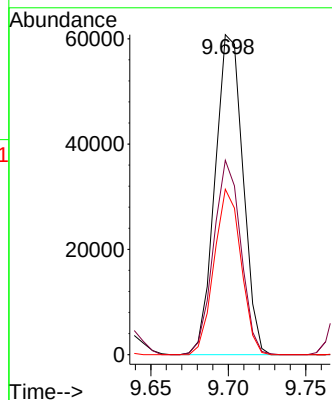
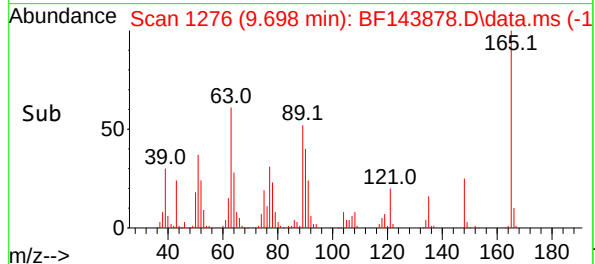
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

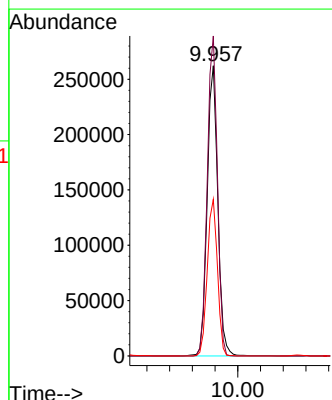
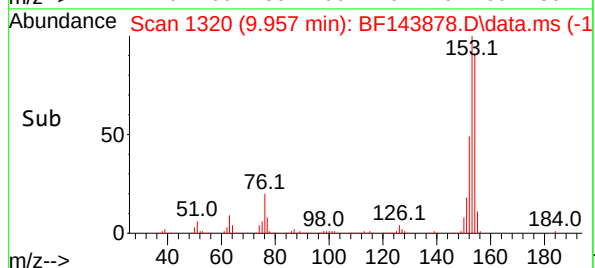
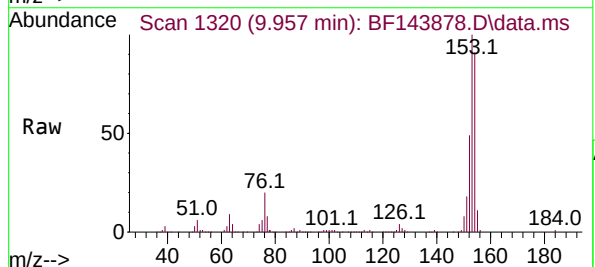
Manual Integrations
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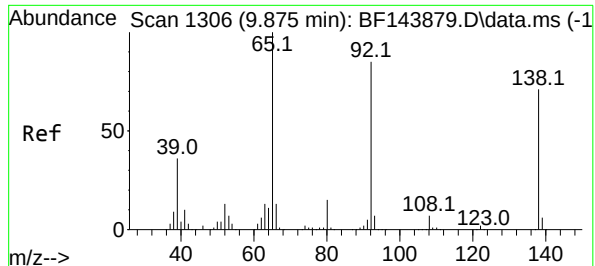
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





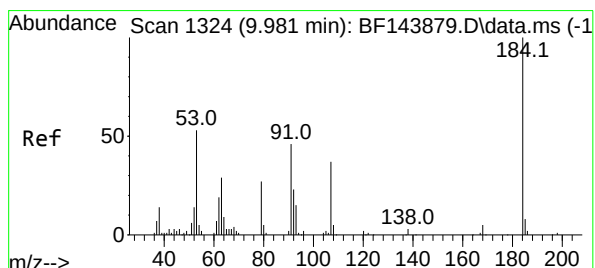
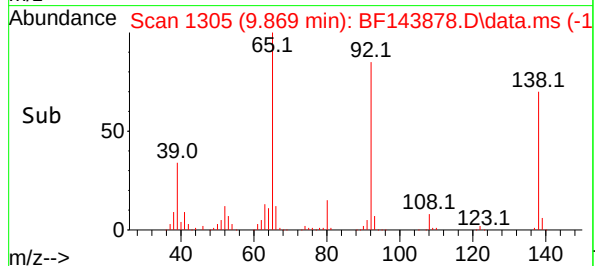
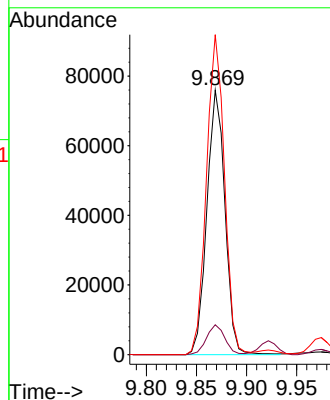
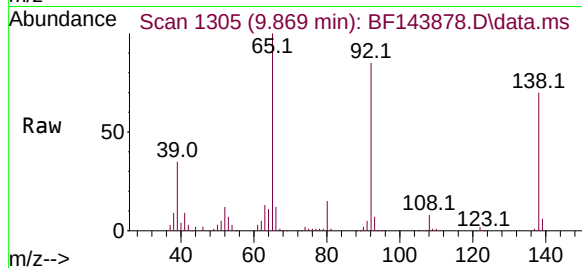
#53
3-Nitroaniline
Concen: 21.194 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

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

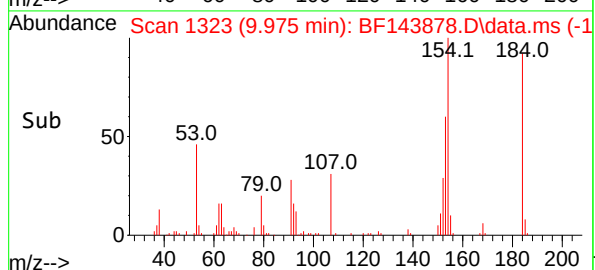
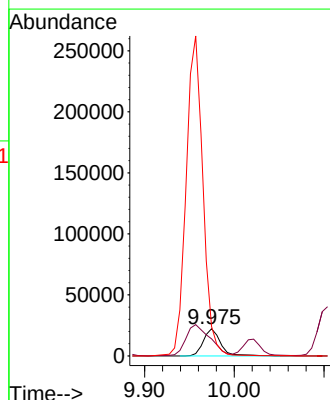
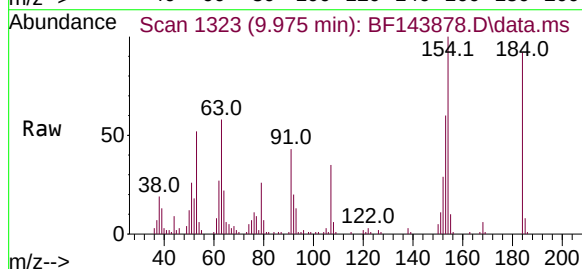
Manual Integrations
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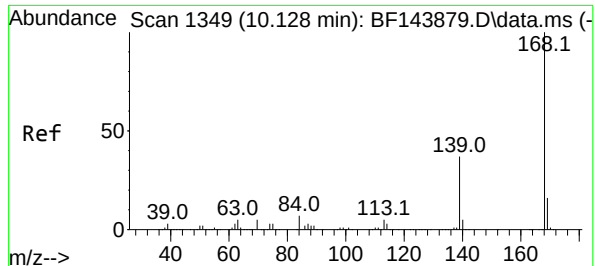
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

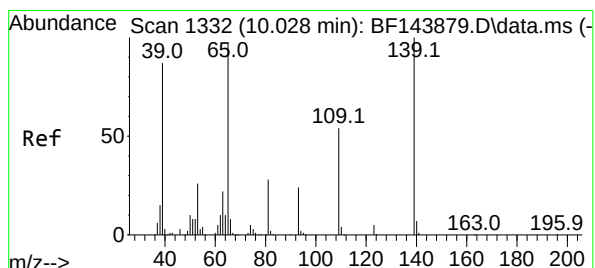
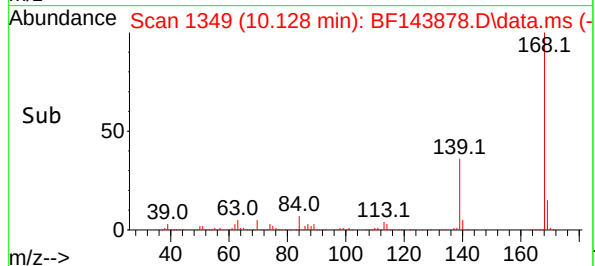
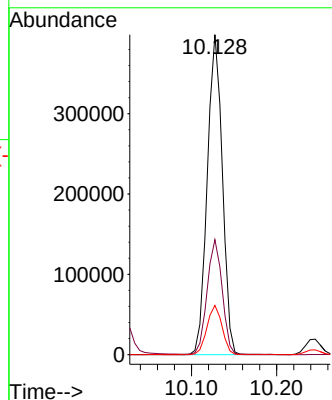
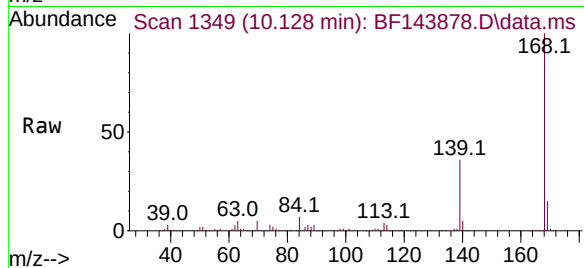
169 15.4 12.8 19.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

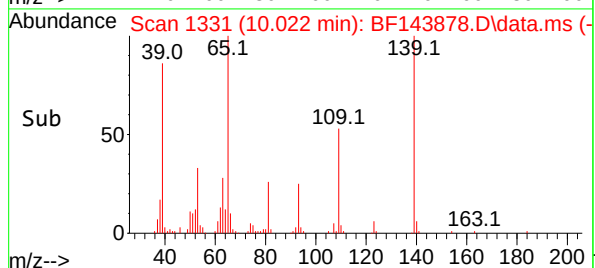
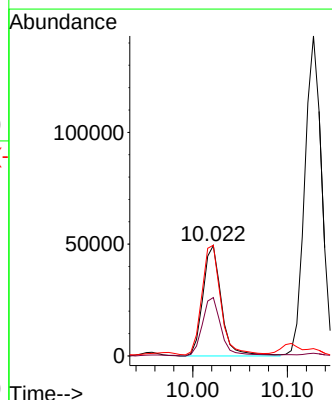
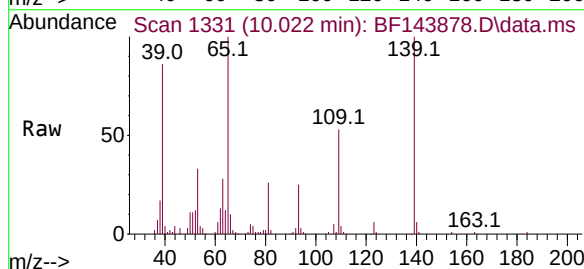
Tgt Ion:139 Resp: 66930

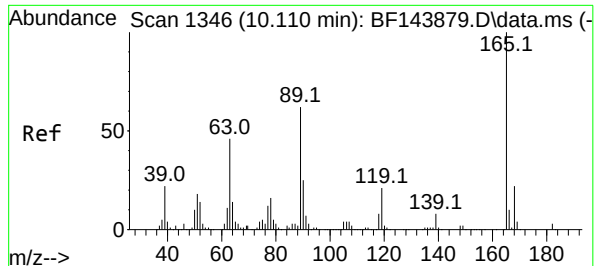
Ion Ratio Lower Upper

139 100

109 52.9 34.5 74.5

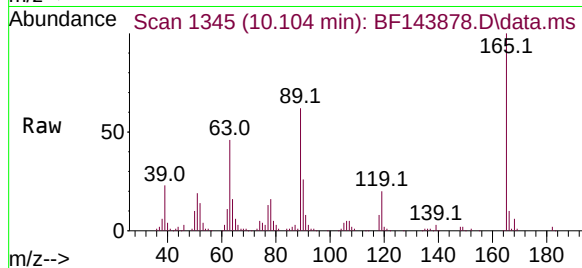
65 100.3 77.6 117.6





#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

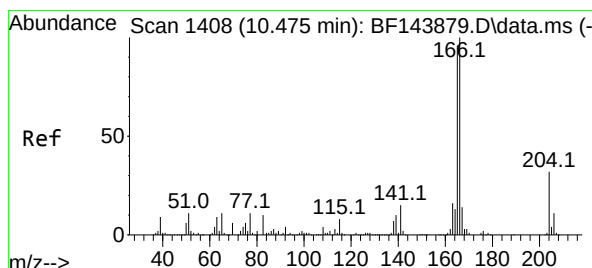
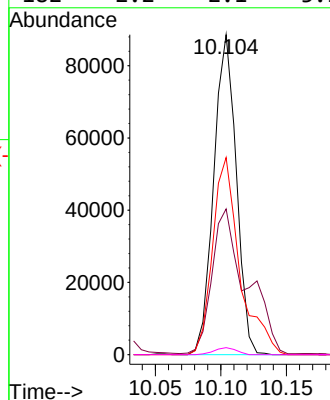
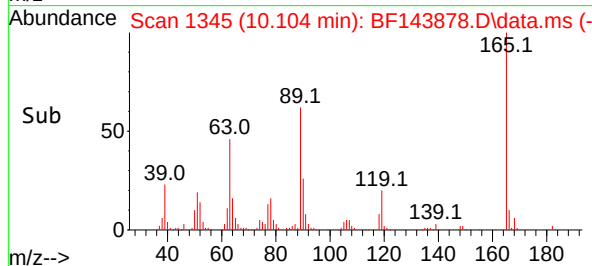
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

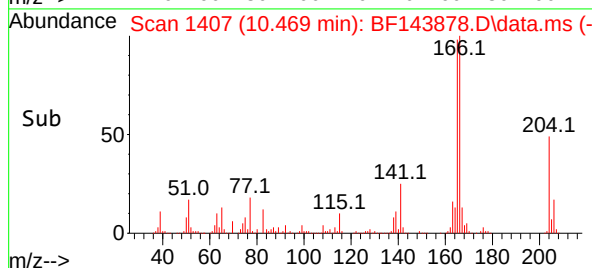
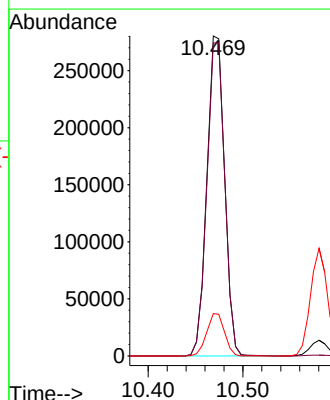
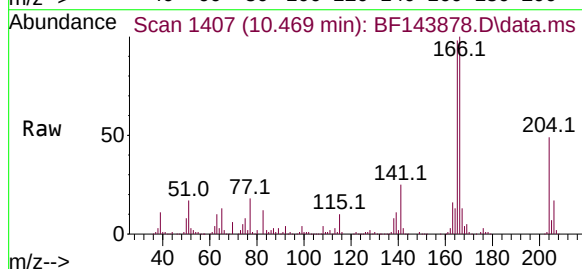
Manual Integrations
APPROVED

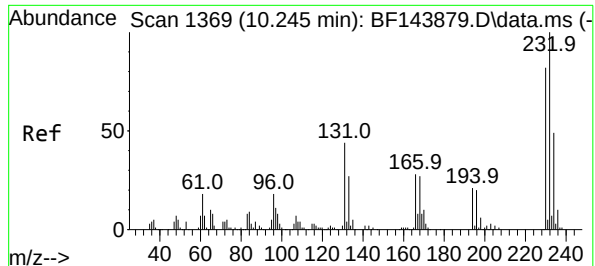
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

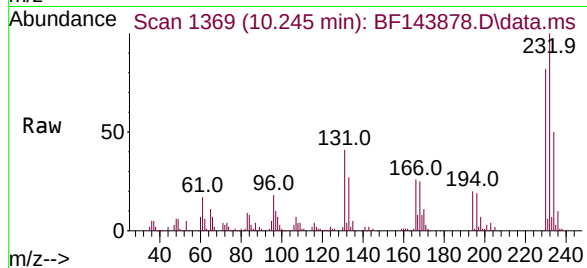
Tgt Ion:166 Resp: 365206
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.6
167 13.2 11.1 16.7





#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

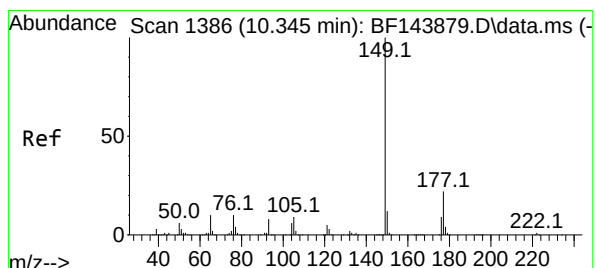
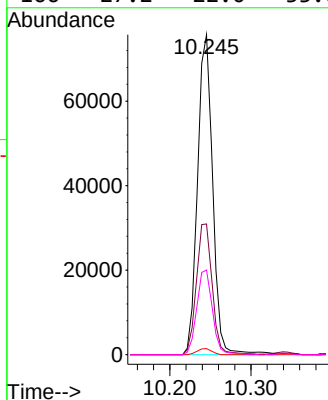
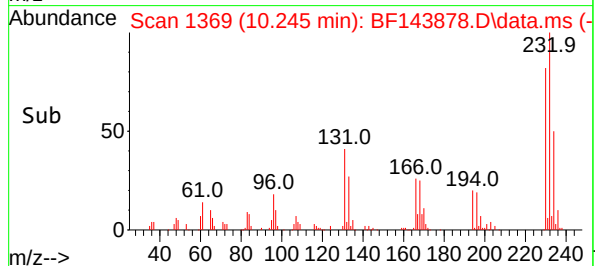
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



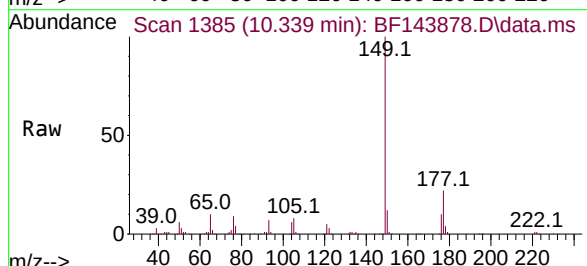
Tgt Ion:232 Resp: 98138
Ion Ratio Lower Upper
232 100
131 42.6 34.9 52.3
130 1.8 1.6 2.4
166 27.2 22.0 33.0

Manual Integrations
APPROVED

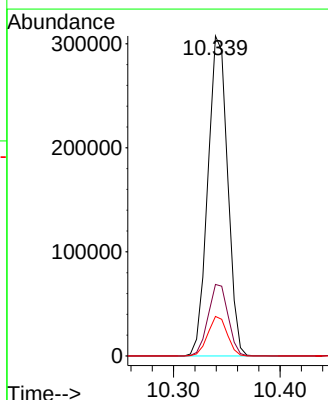
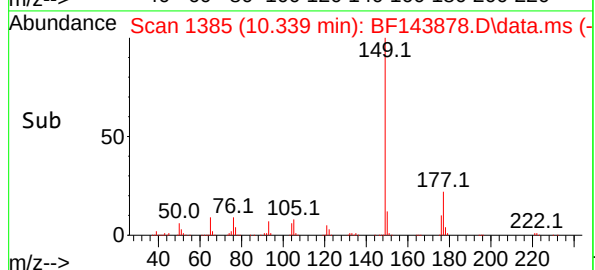
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

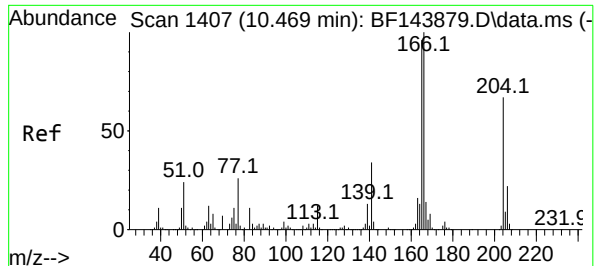


#60
Diethylphthalate
Concen: 21.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



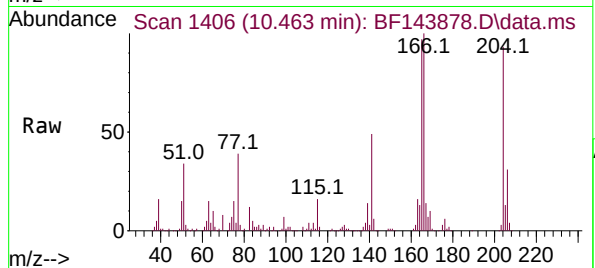
Tgt Ion:149 Resp: 396233
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.3 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 21.860 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

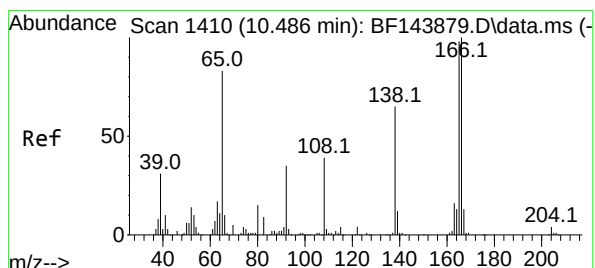
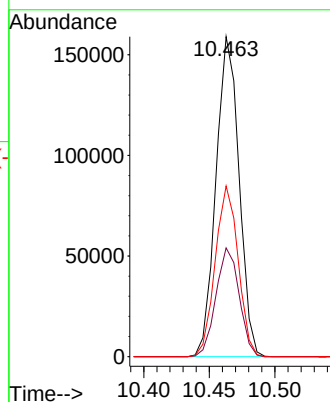
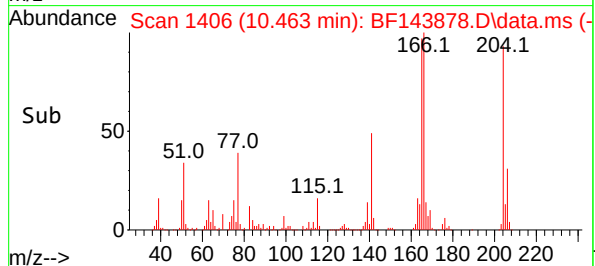
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

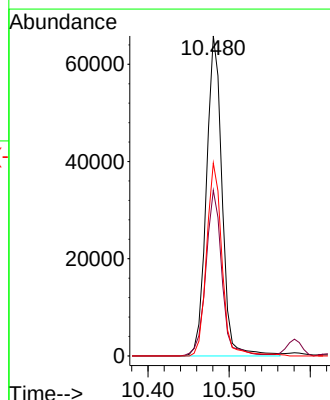
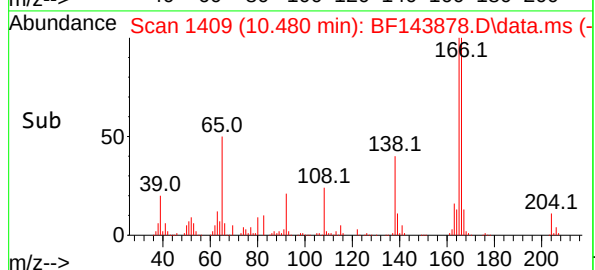
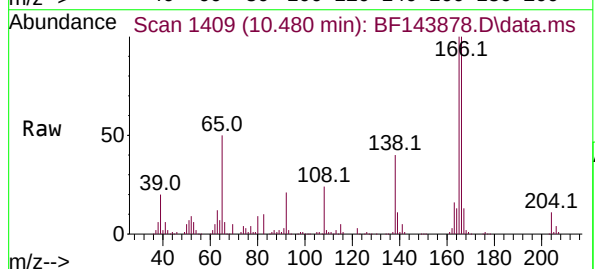
Manual Integrations
APPROVED

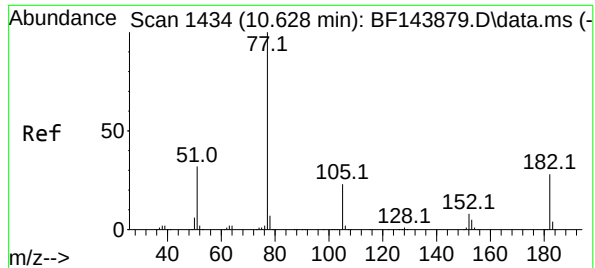
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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 :

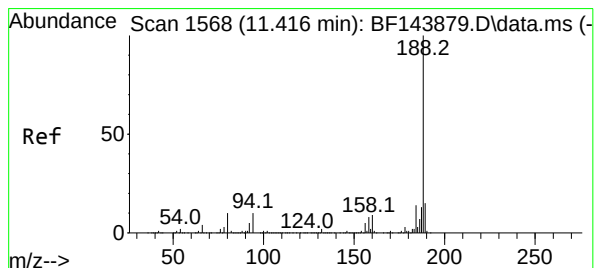
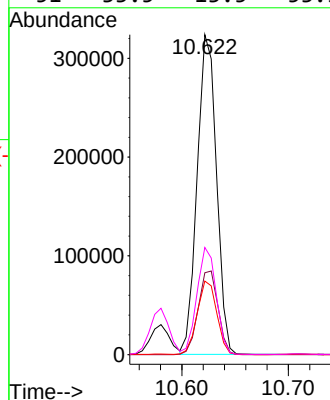
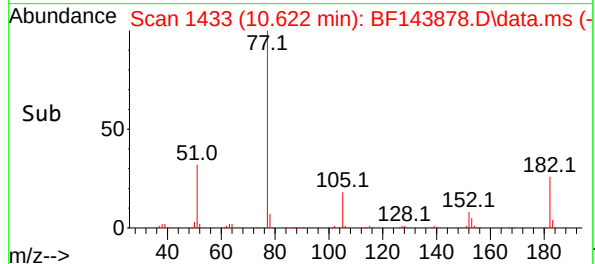
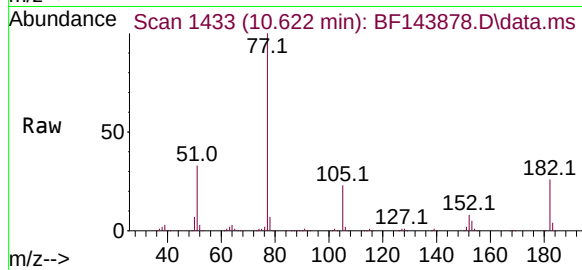
SSTDICC020

Tgt Ion: 77 Resp: 407261
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

Manual Integrations

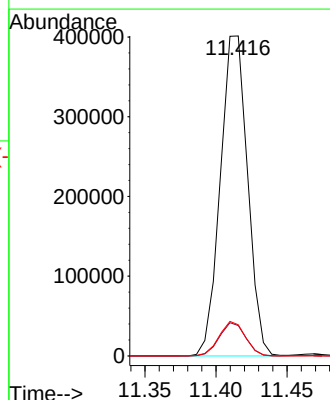
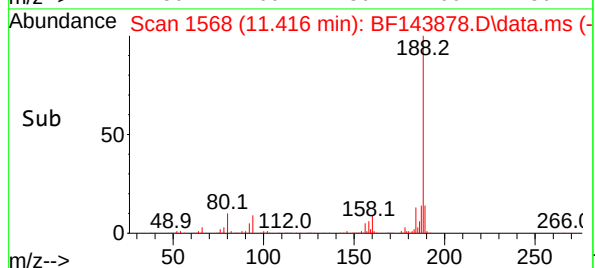
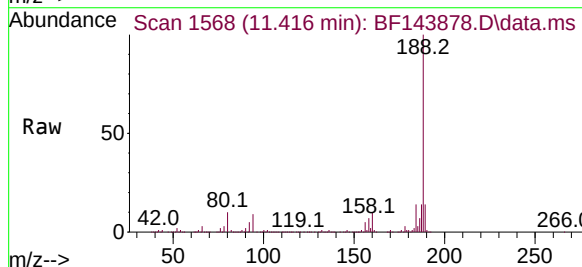
APPROVED

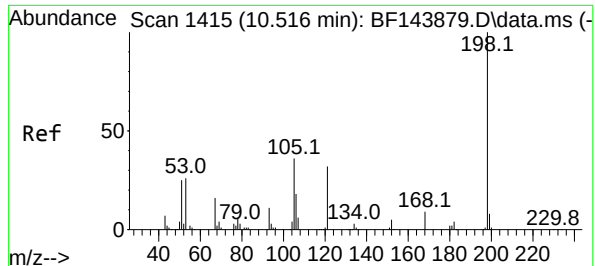
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

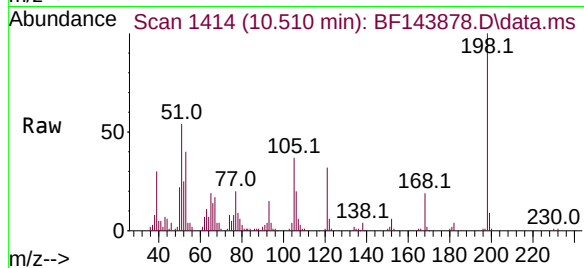
Tgt Ion:188 Resp: 536961
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 9.7 7.9 11.9





#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

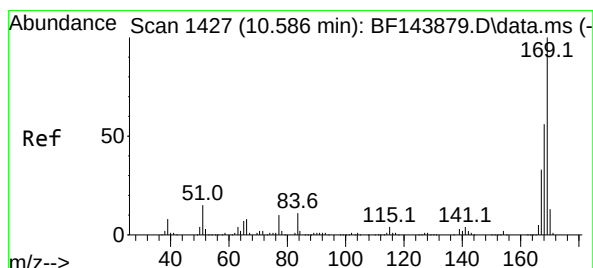
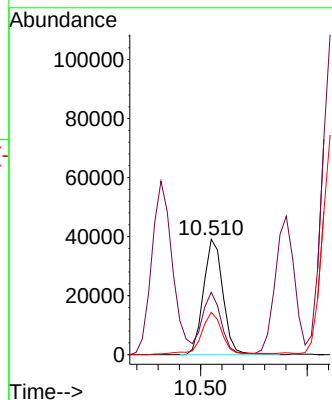
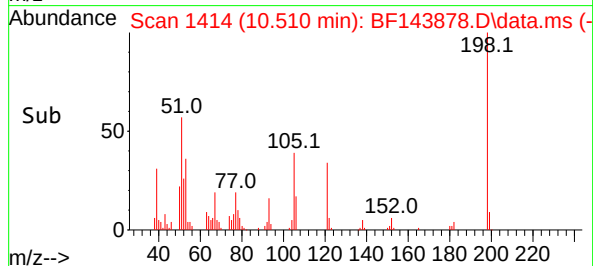
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:198 Resp: 49405
Ion Ratio Lower Upper
198 100
51 54.1 33.8 73.8
105 36.7 17.0 57.0

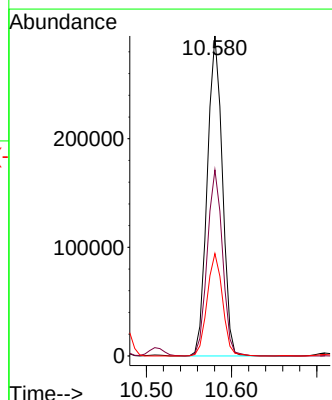
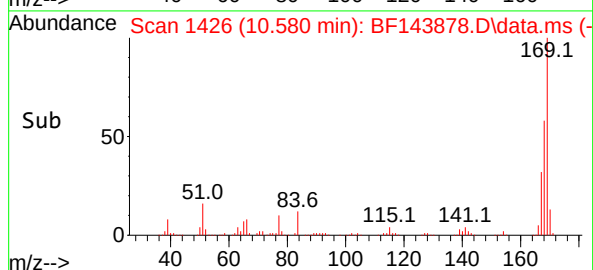
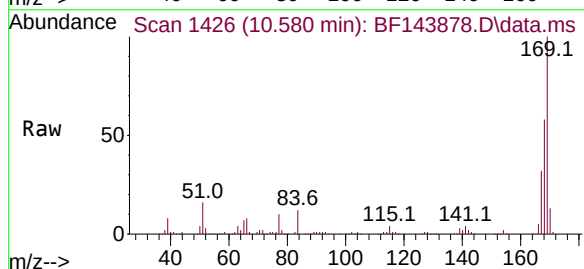
Manual Integrations
APPROVED

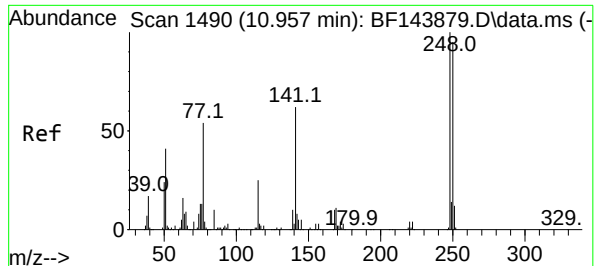
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

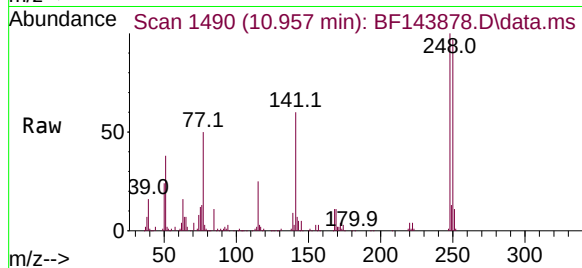
Tgt Ion:169 Resp: 362217
Ion Ratio Lower Upper
169 100
168 58.1 44.9 67.3
167 32.0 26.3 39.5





#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

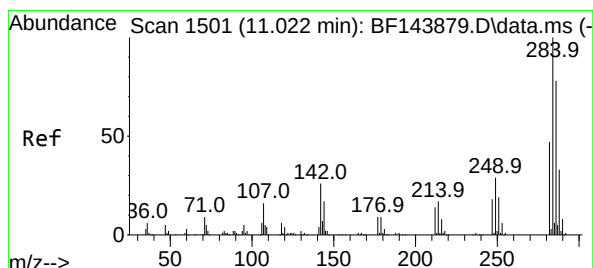
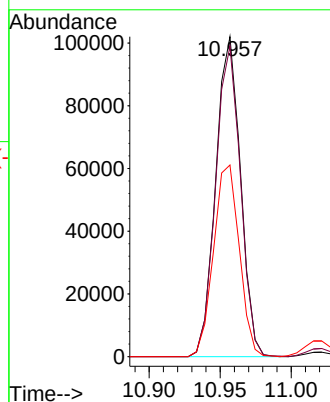
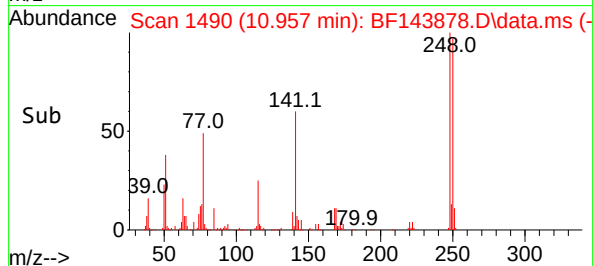
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

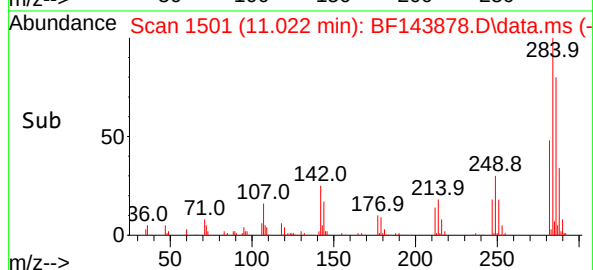
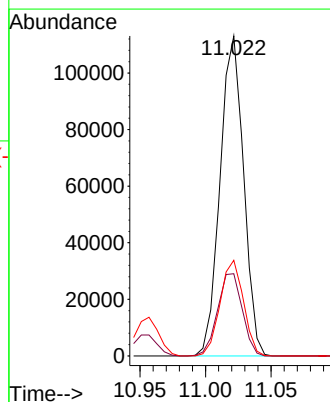
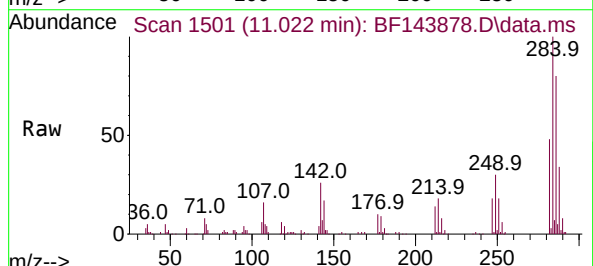
Manual Integrations
APPROVED

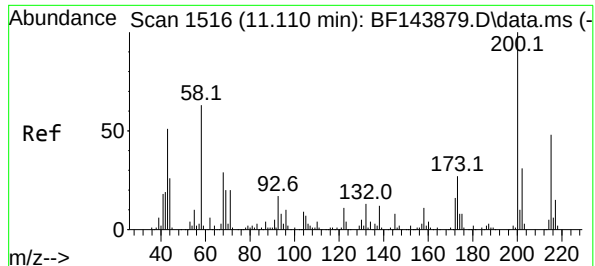
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

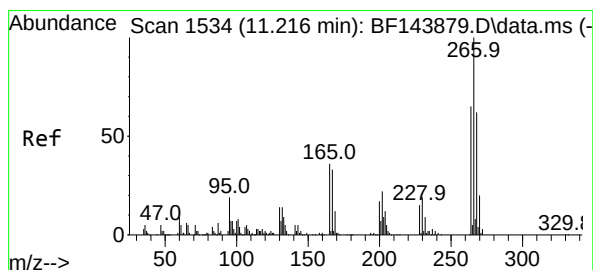
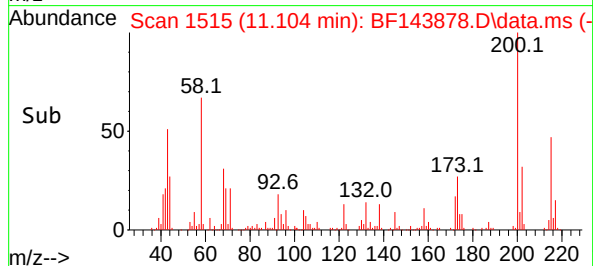
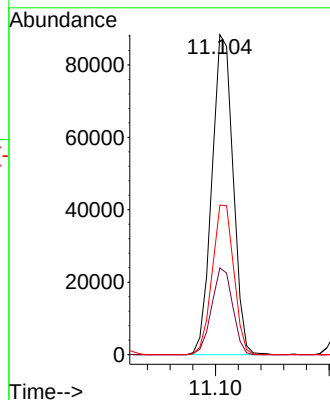
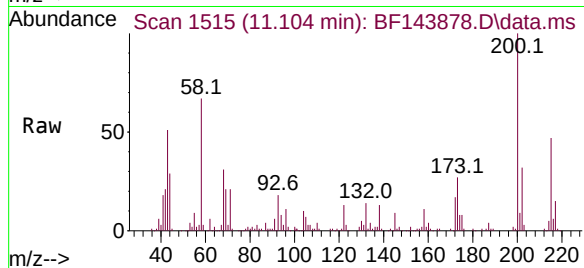
215 46.7 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

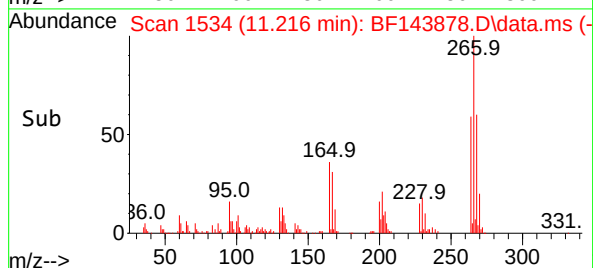
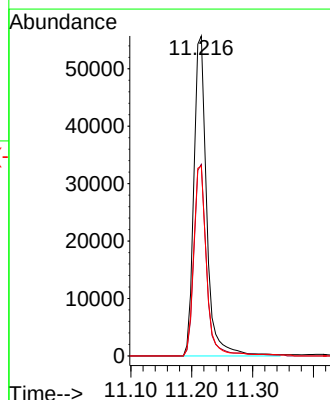
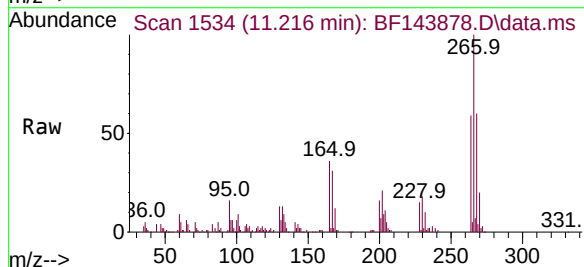
Tgt Ion:266 Resp: 81624

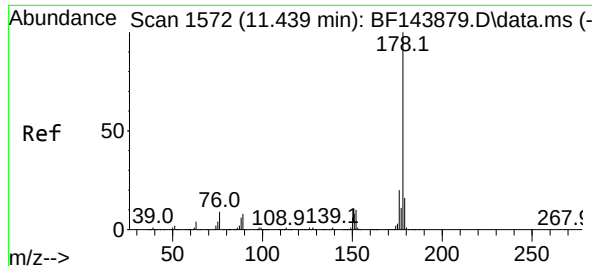
Ion Ratio Lower Upper

266 100

268 59.8 49.4 74.0

264 59.4 51.8 77.6





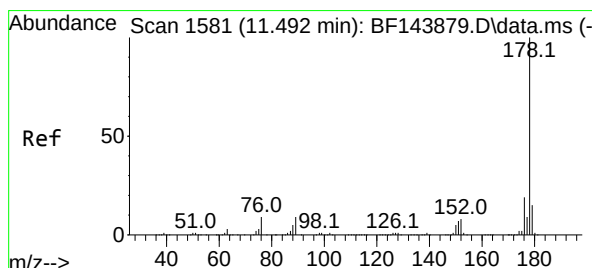
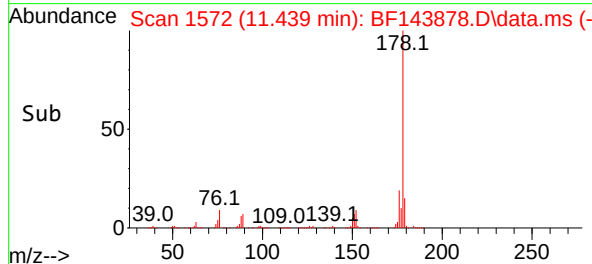
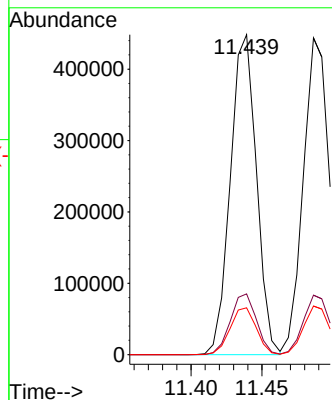
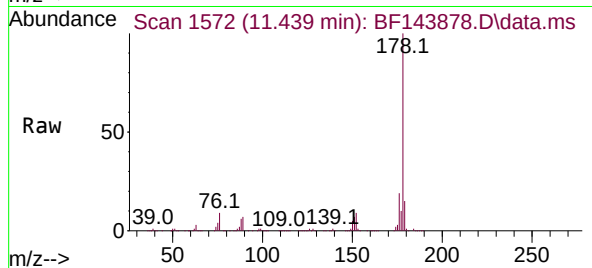
#71
Phenanthrene
Concen: 21.979 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:178 Resp: 57215
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.6 12.4 18.6

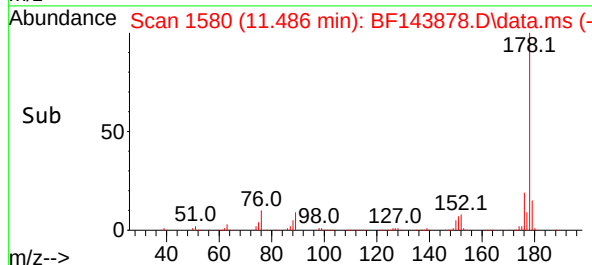
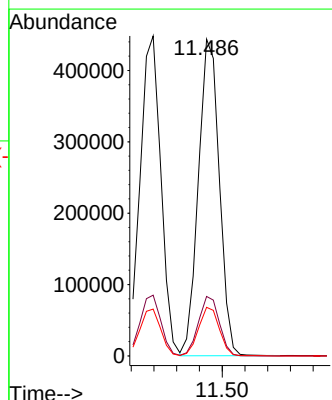
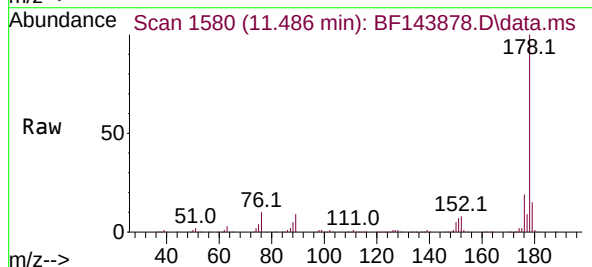
Manual Integrations
APPROVED

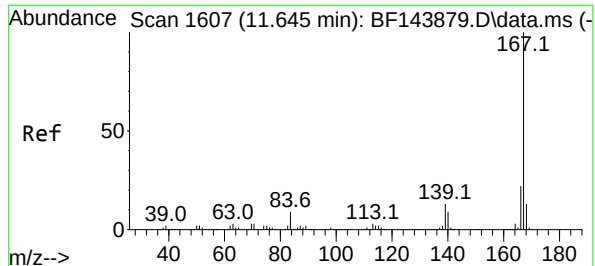
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

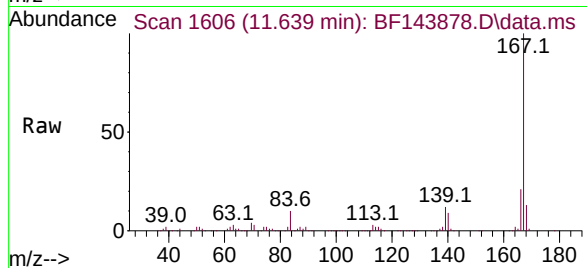
Tgt Ion:178 Resp: 567724
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.3 12.2 18.2





#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

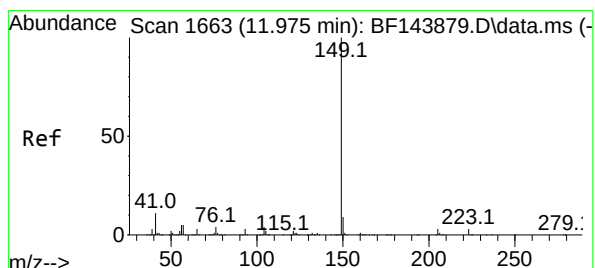
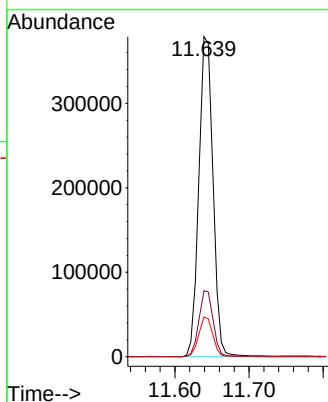
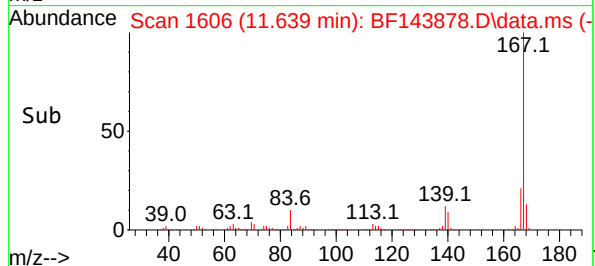
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



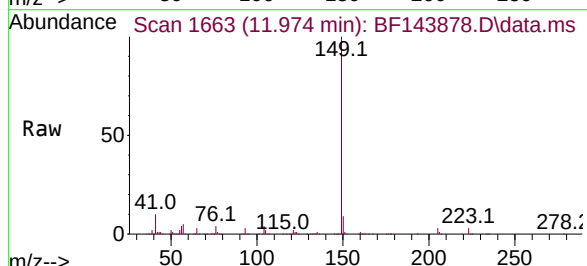
Tgt Ion:167 Resp: 504282
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 12.4 10.1 15.1

Manual Integrations
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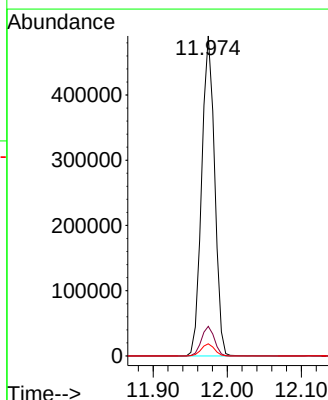
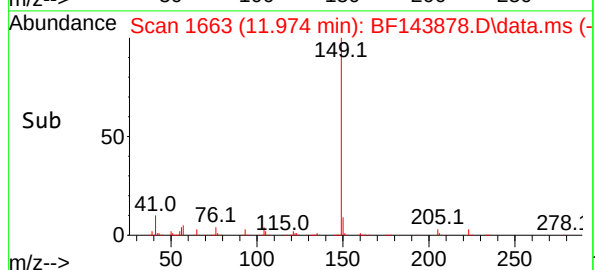
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

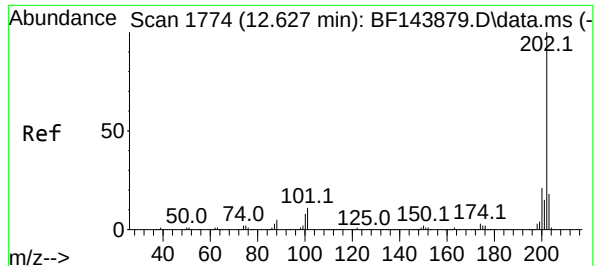


#74
Di-n-butylphthalate
Concen: 22.047 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



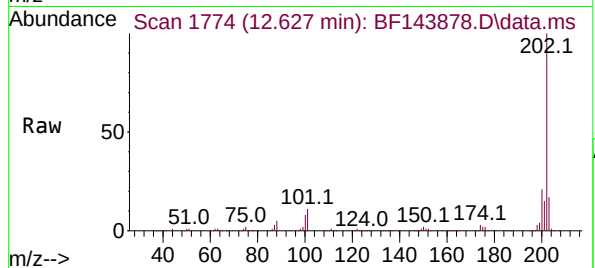
Tgt Ion:149 Resp: 595140
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 3.8 3.4 5.2





#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

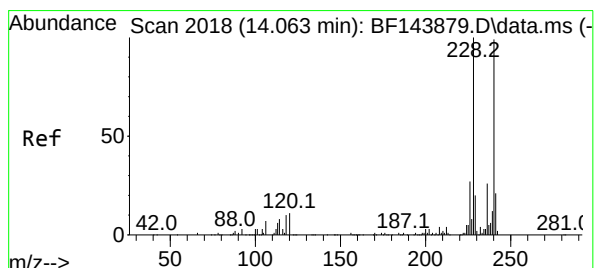
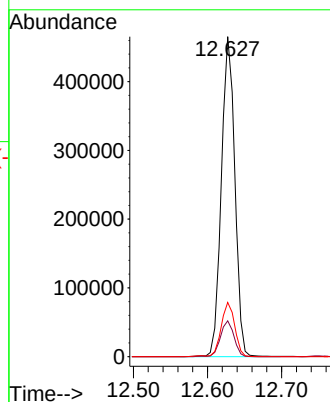
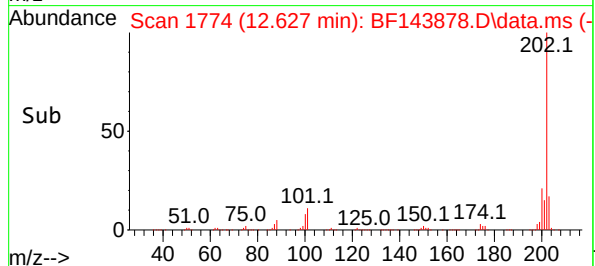
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



Tgt Ion:202 Resp: 587348
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 16.9 0.0 37.8

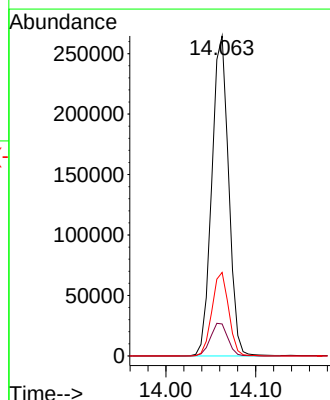
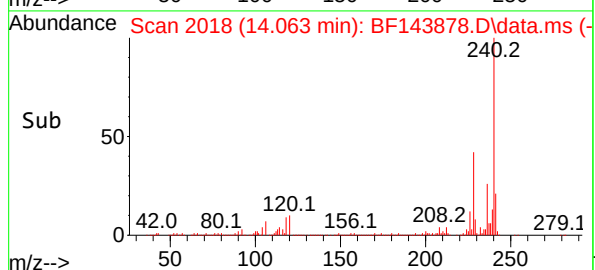
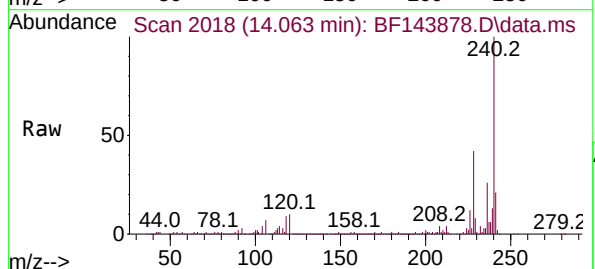
Manual Integrations
APPROVED

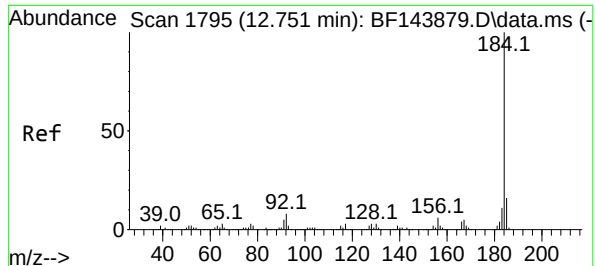
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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:240 Resp: 346764
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

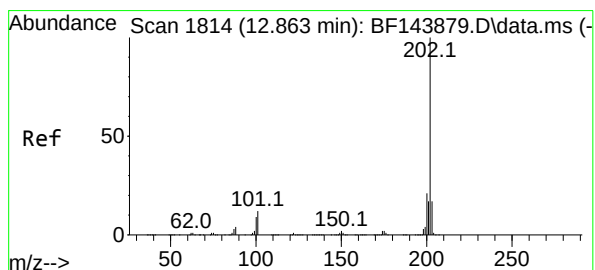
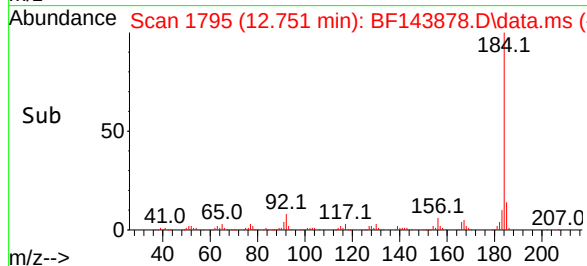
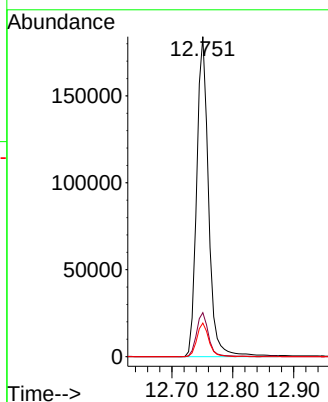
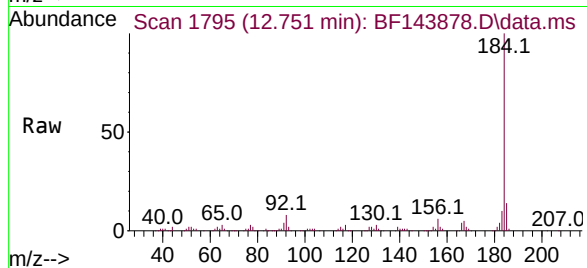
183 10.5 8.8 13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

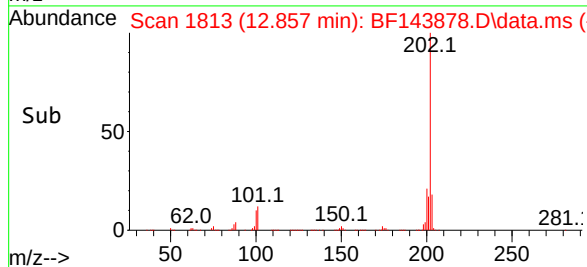
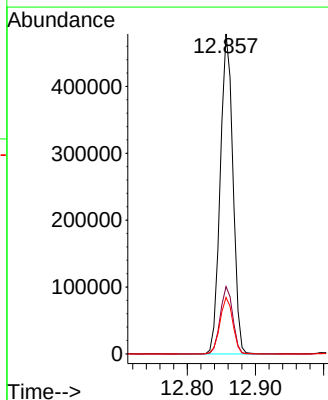
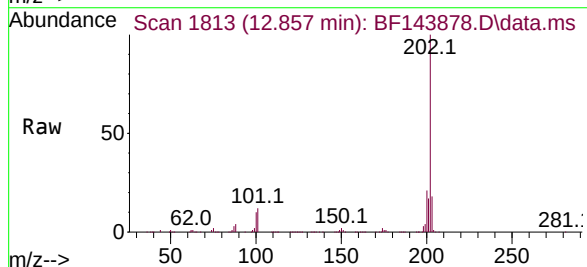
Tgt Ion:202 Resp: 613300

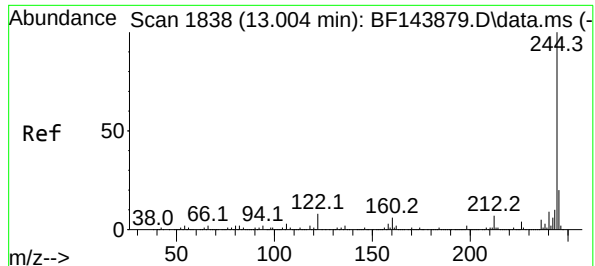
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

203 17.6 13.8 20.6





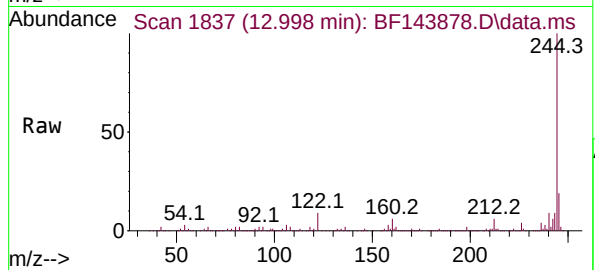
#79
Terphenyl-d14
Concen: 43.445 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

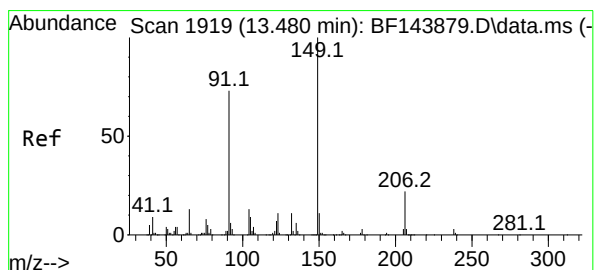
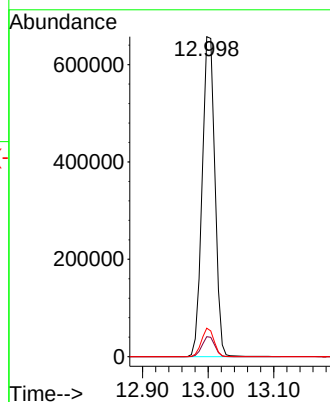
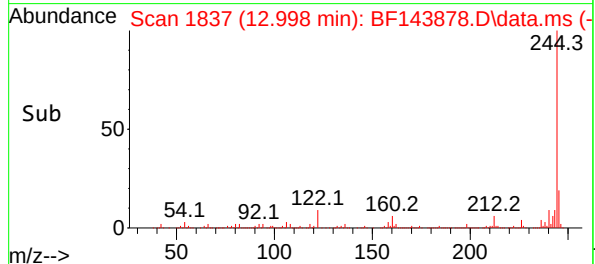


Tgt Ion:244 Resp: 881486
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 8.9 6.4 9.6

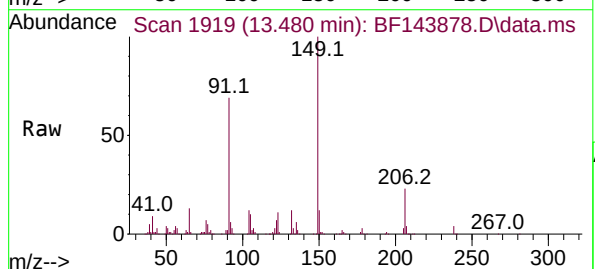
Manual Integrations

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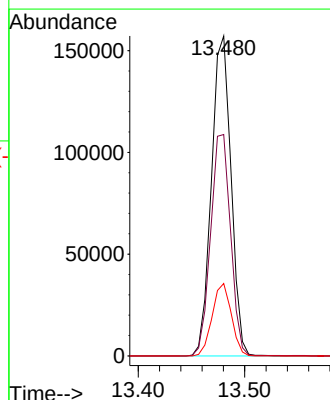
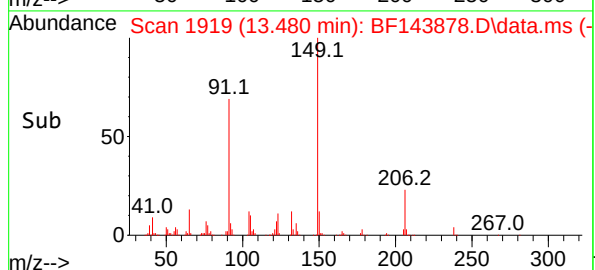
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

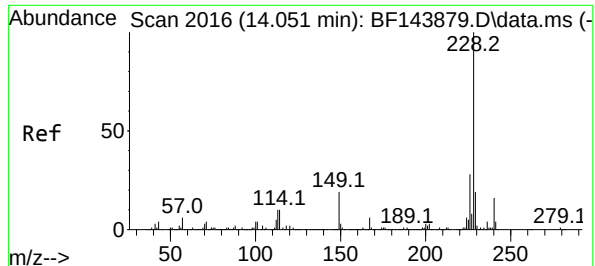


#80
Butylbenzylphthalate
Concen: 21.391 ng
RT: 13.480 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



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

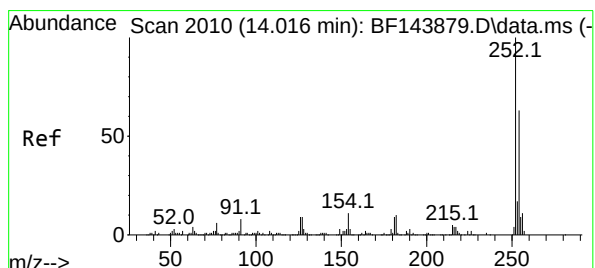
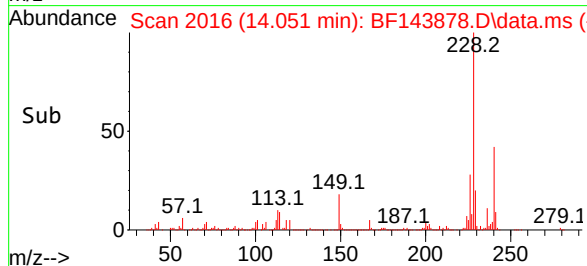
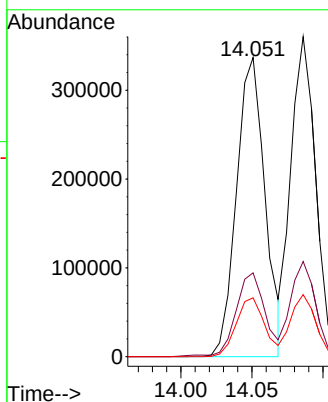
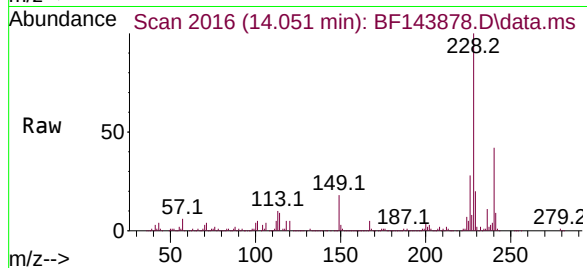
229 19.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

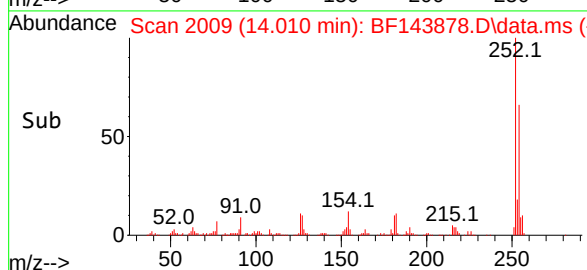
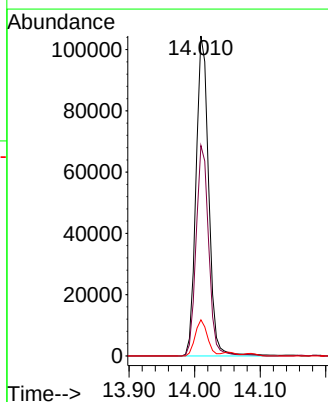
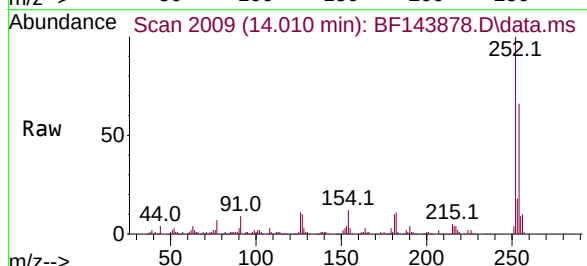
Tgt Ion:252 Resp: 139822

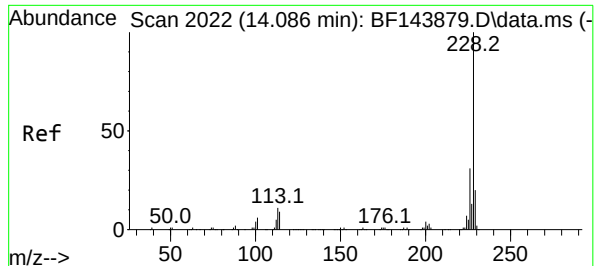
Ion Ratio Lower Upper

252 100

254 65.7 50.6 76.0

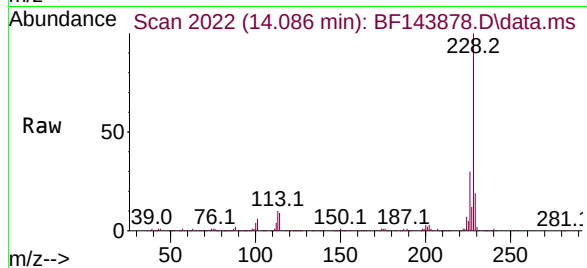
126 11.3 7.0 10.6#





#83
Chrysene
Concen: 20.920 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

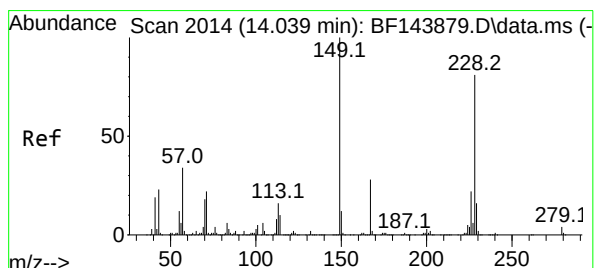
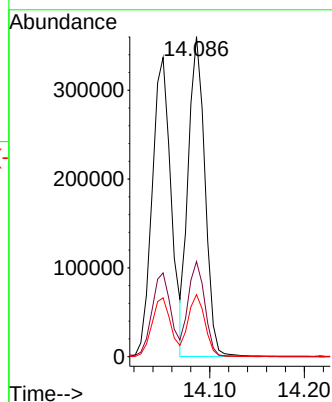
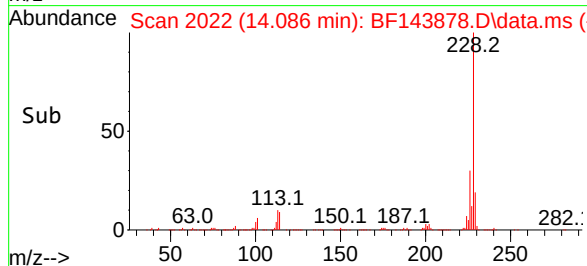
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



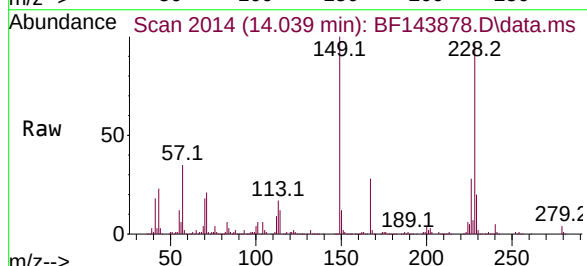
Tgt Ion:228 Resp: 439378
Ion Ratio Lower Upper
228 100
226 29.7 24.4 36.6
229 19.4 15.9 23.9

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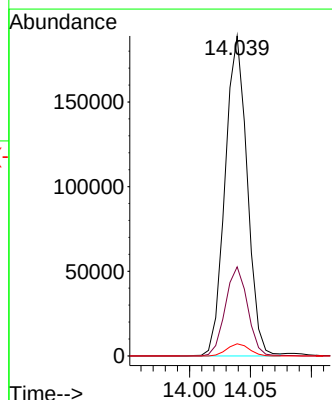
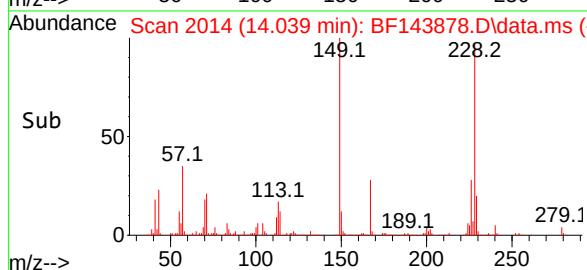
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

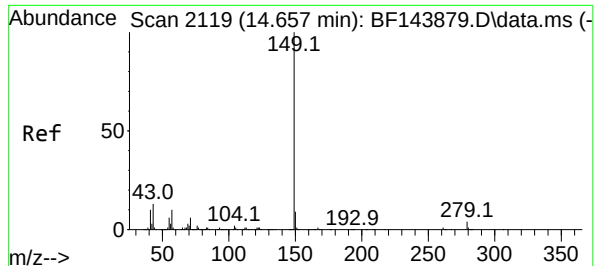


#84
Bis(2-ethylhexyl)phthalate
Concen: 21.041 ng
RT: 14.039 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



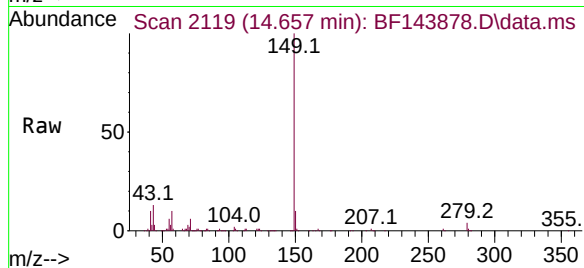
Tgt Ion:149 Resp: 238132
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.4
279 3.8 3.1 4.7





#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

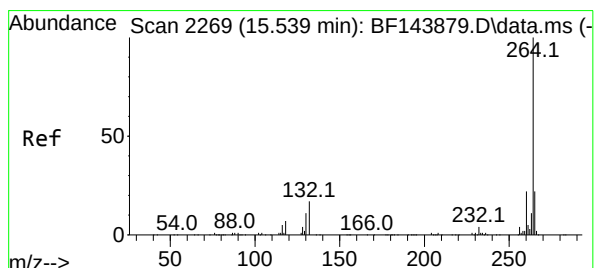
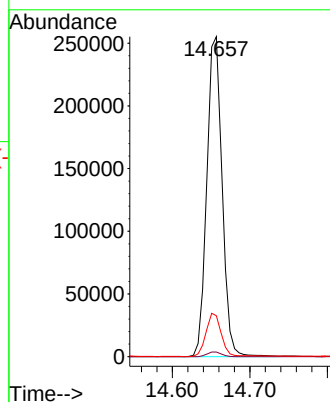
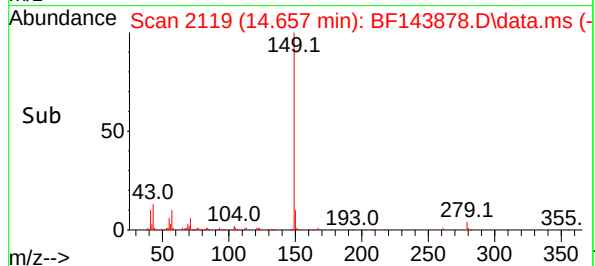
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



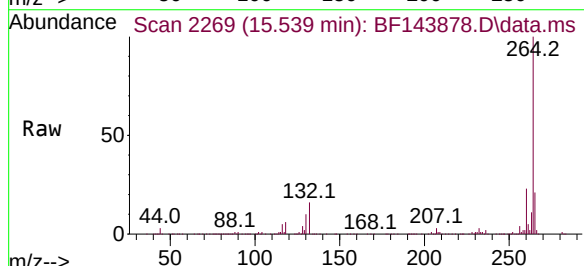
Tgt Ion:149 Resp: 349721
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.8 11.0 16.4

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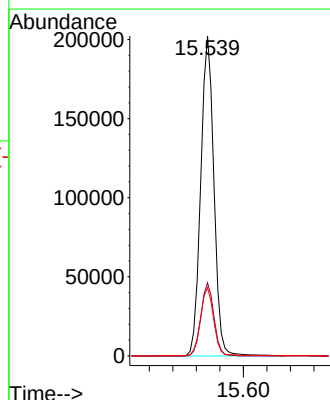
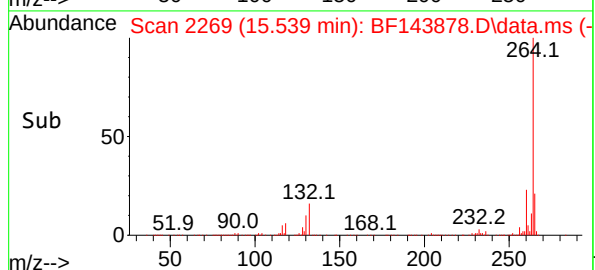
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

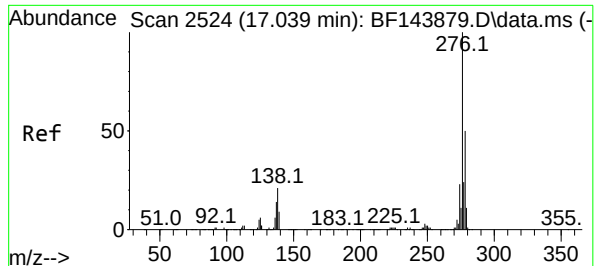


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



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: 38444

Ion Ratio Lower Upper

276 100

138 25.5 18.2 27.2

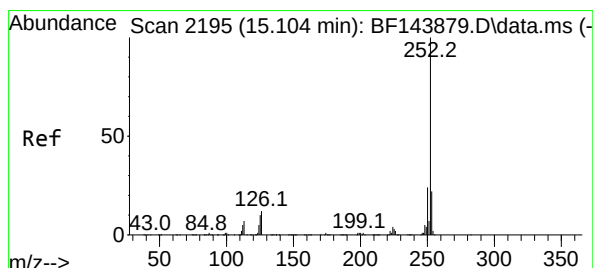
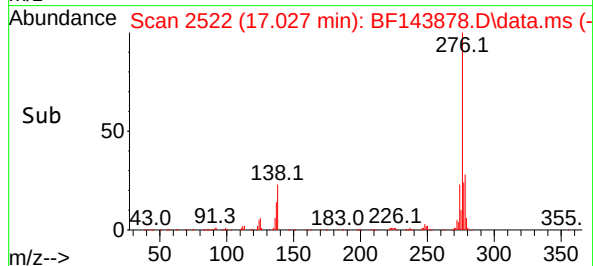
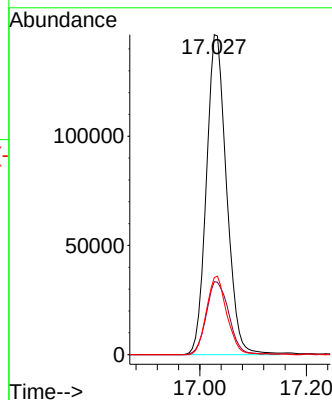
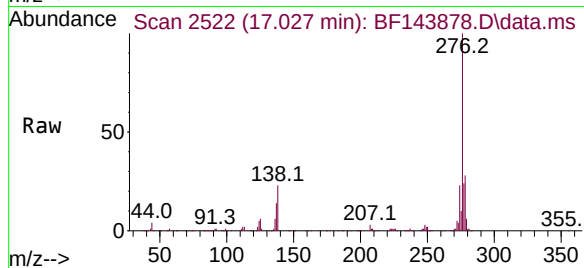
277 25.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

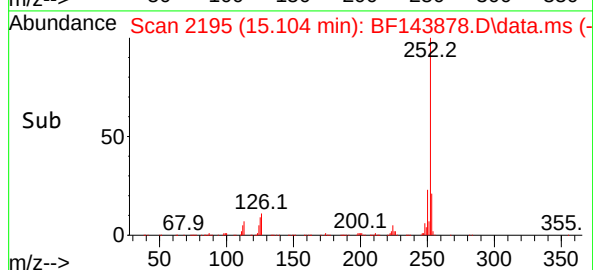
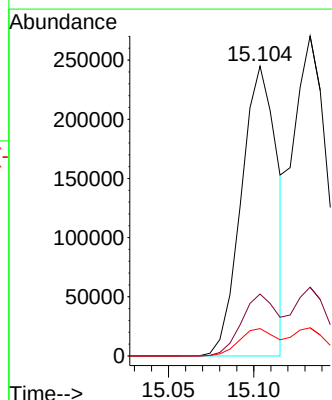
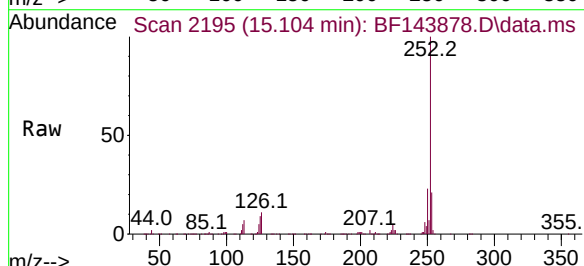
Tgt Ion:252 Resp: 355882

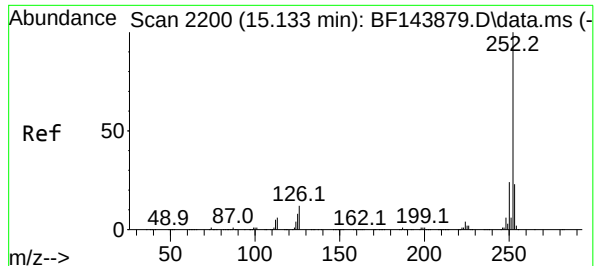
Ion Ratio Lower Upper

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

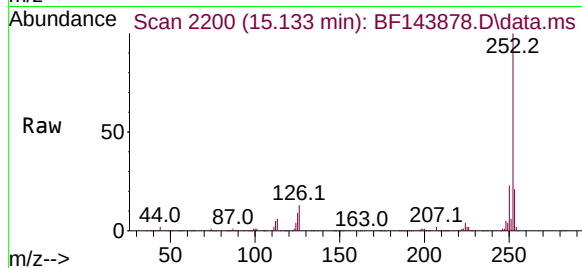
Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



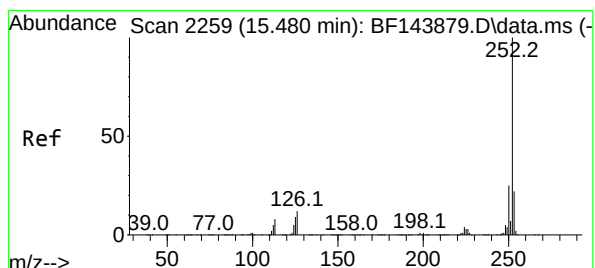
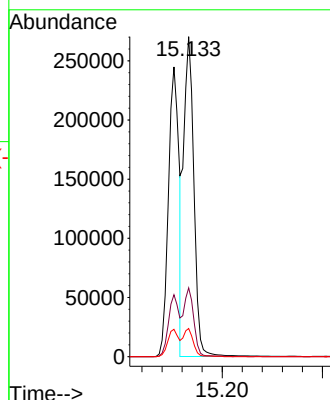
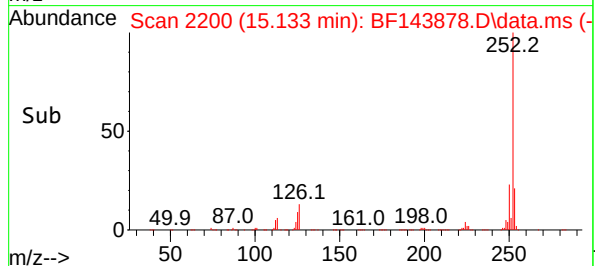
Tgt Ion:252 Resp: 386399
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 8.8 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#90

Benzo(a)pyrene

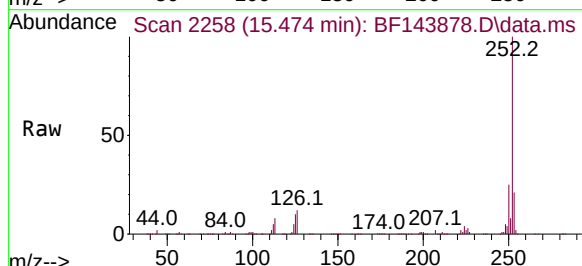
Concen: 20.822 ng

RT: 15.474 min Scan# 2258

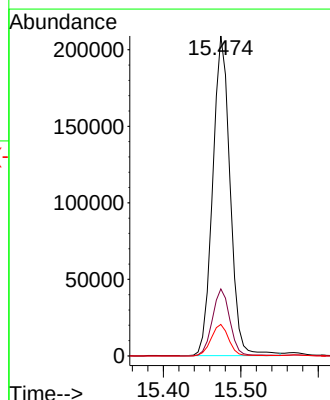
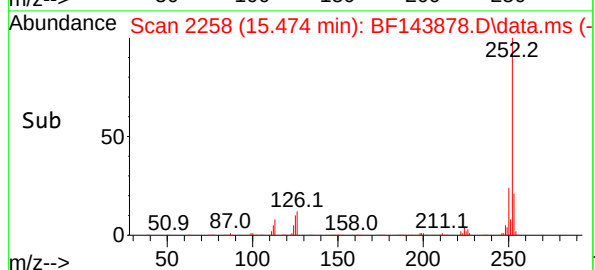
Delta R.T. -0.012 min

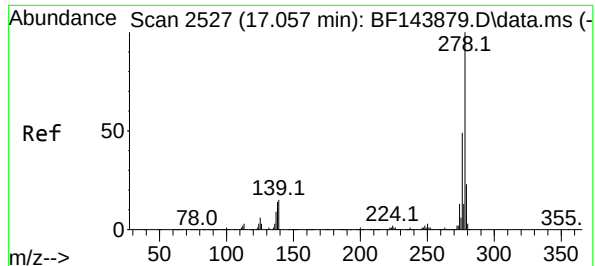
Lab File: BF143878.D

Acq: 06 Oct 2025 11:56



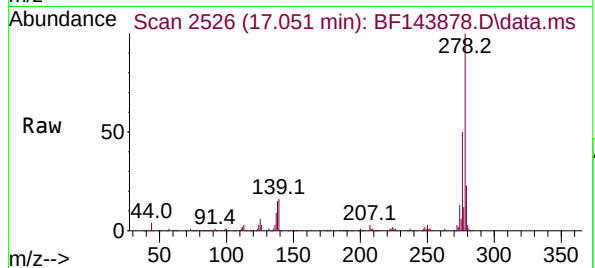
Tgt Ion:252 Resp: 326291
Ion Ratio Lower Upper
252 100
253 20.9 17.3 25.9
125 9.8 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 20.589 ng
RT: 17.051 min Scan# 2527
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

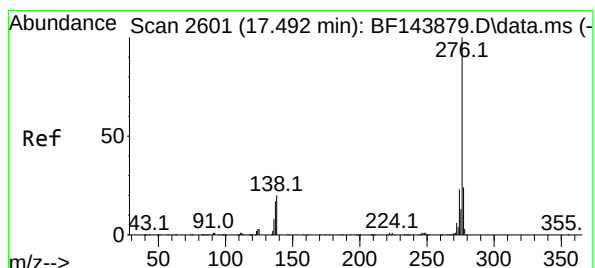
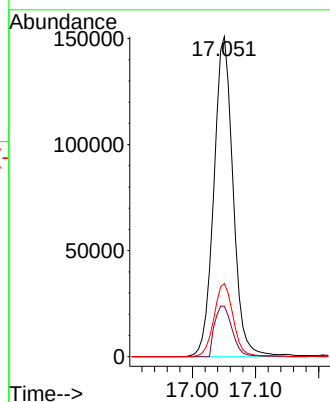
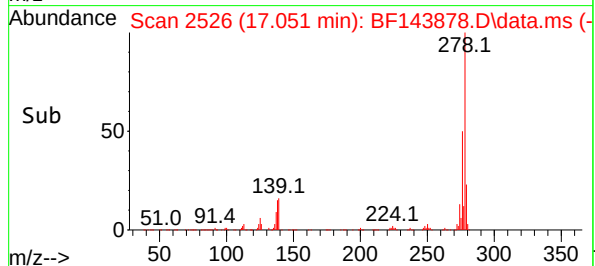
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



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

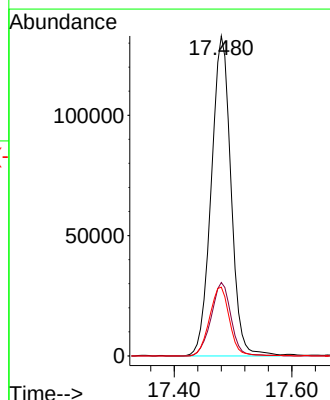
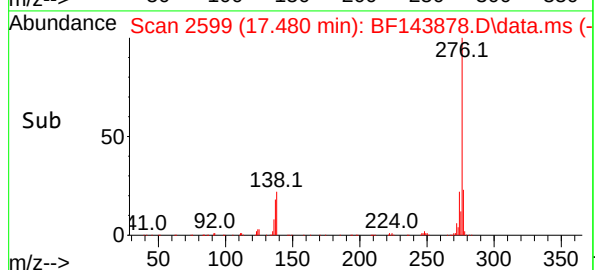
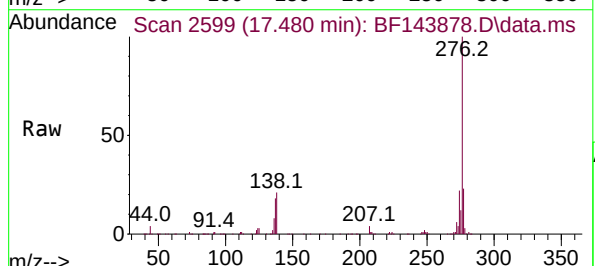
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

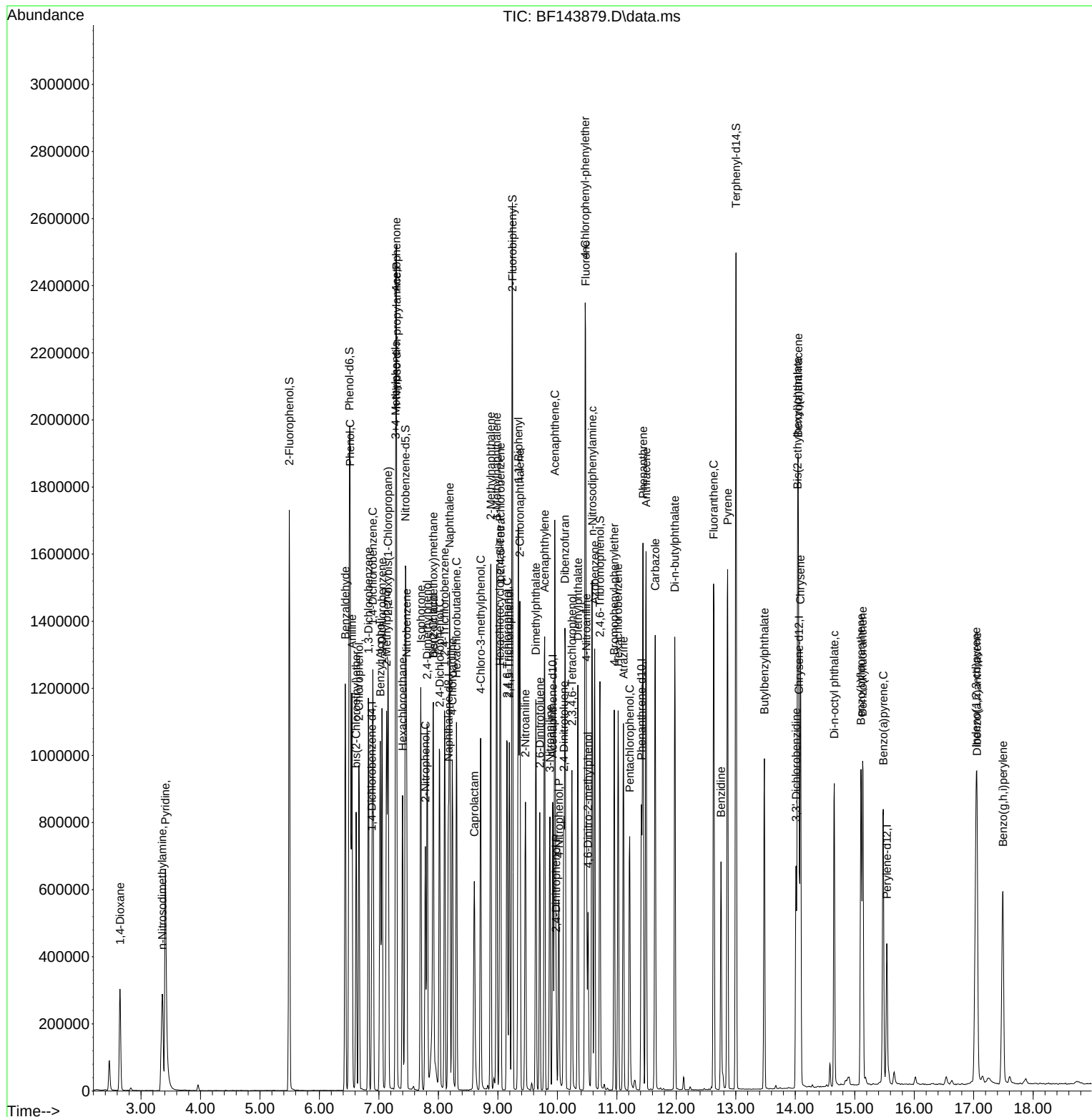
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	237161	42.739	ng	100
46) 1,1'-Biphenyl	9.345	154	714293	41.490	ng	100
47) 2-Chloronaphthalene	9.369	162	591442	41.204	ng	100
48) 2-Nitroaniline	9.463	65	203733	44.894	ng	100
49) Acenaphthylene	9.786	152	844067	41.828	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

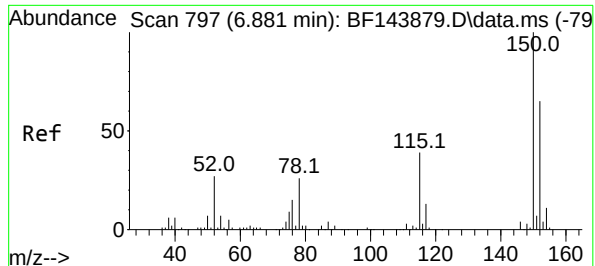
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

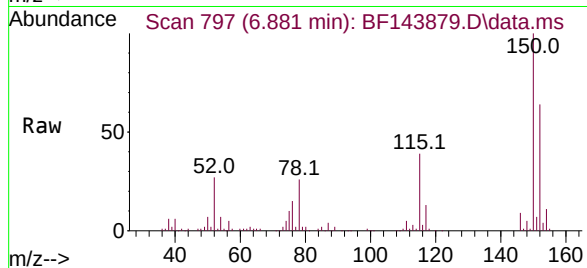
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025





#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

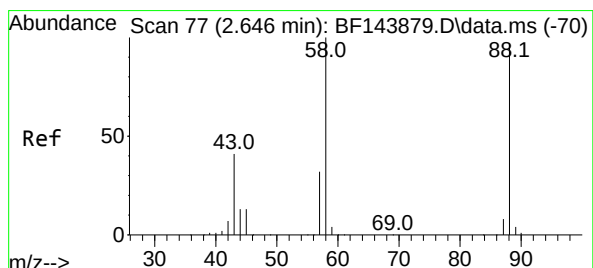
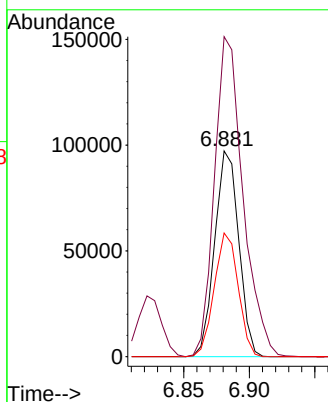
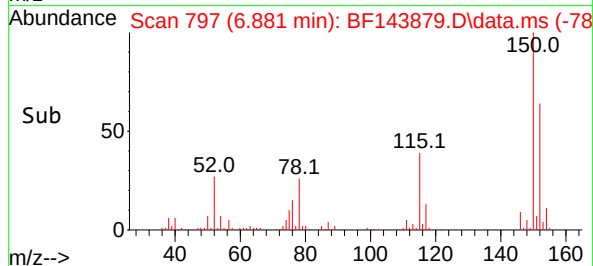
Instrument :
BNA_F
Client SampleId :
SSTDICCC040



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

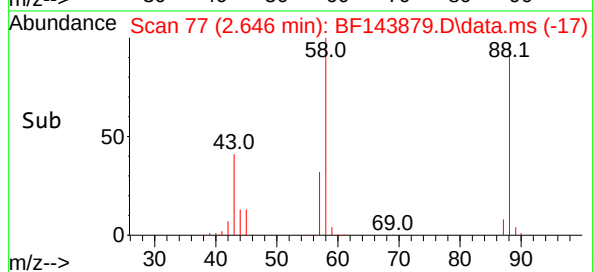
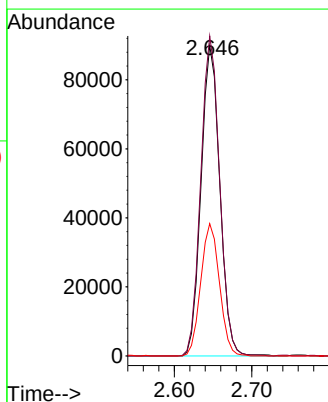
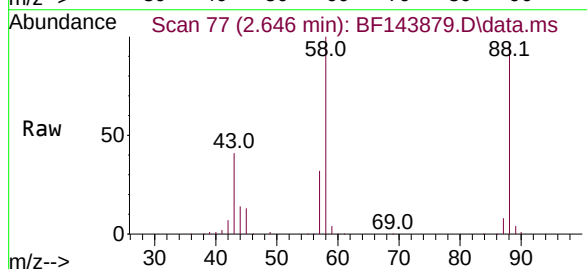
Manual Integrations
APPROVED

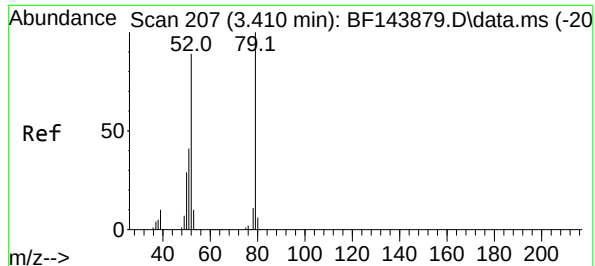
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

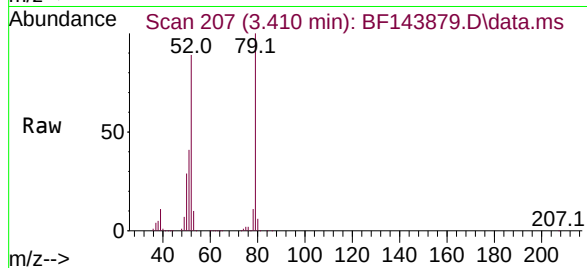
Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



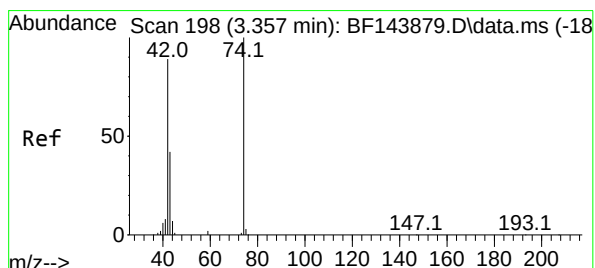
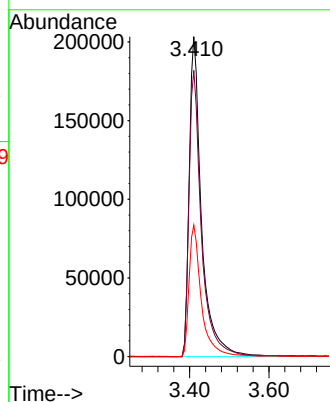
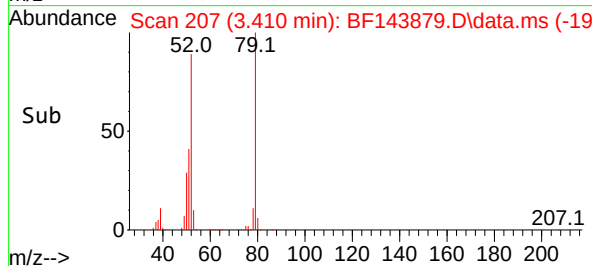
Tgt Ion	Ratio	Lower	Upper
79	100		
52	89.4	71.5	107.3
51	41.1	32.9	49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

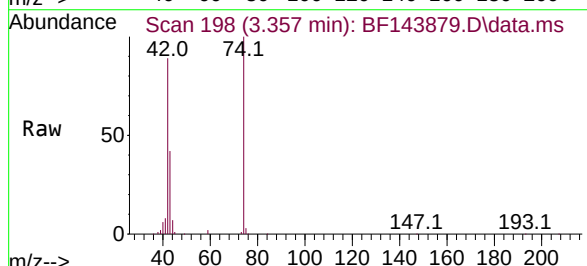
Concen: 40.760 ng

RT: 3.357 min Scan# 198

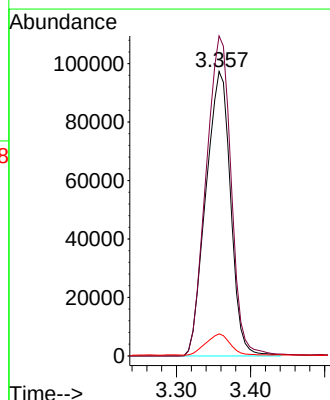
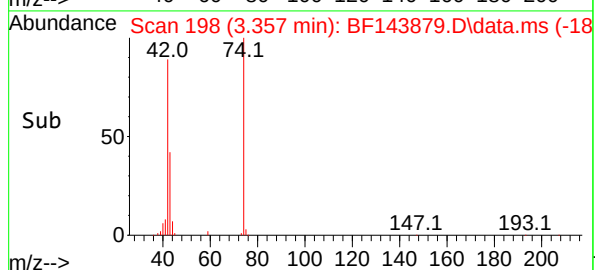
Delta R.T. -0.029 min

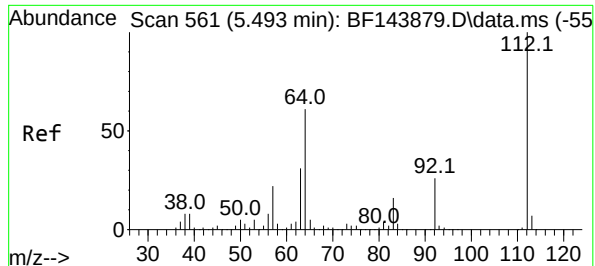
Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.5	90.0	135.0
44	7.7	6.2	9.2





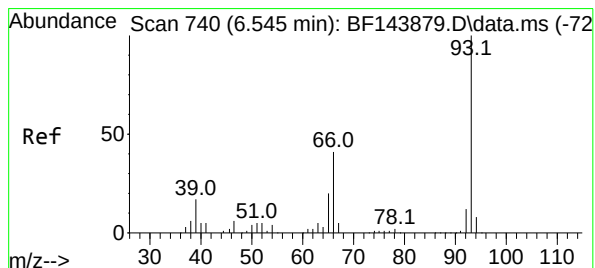
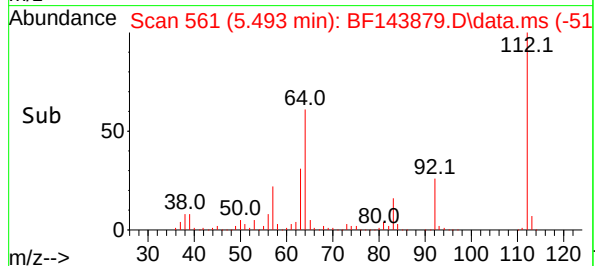
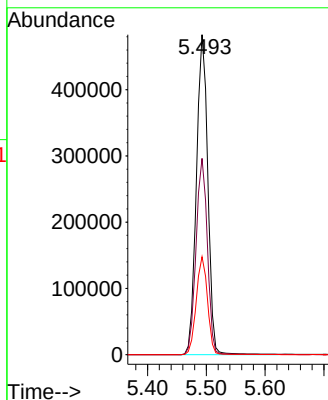
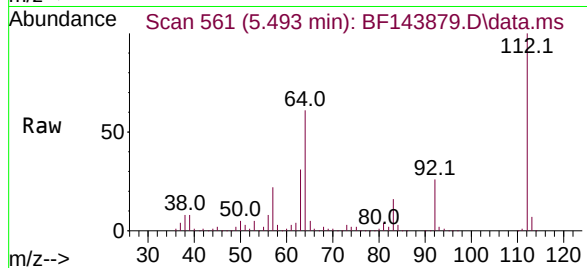
#5
2-Fluorophenol
Concen: 83.027 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:112 Resp: 64912
Ion Ratio Lower Upper
112 100
64 61.4 49.1 73.7
63 30.6 24.5 36.7

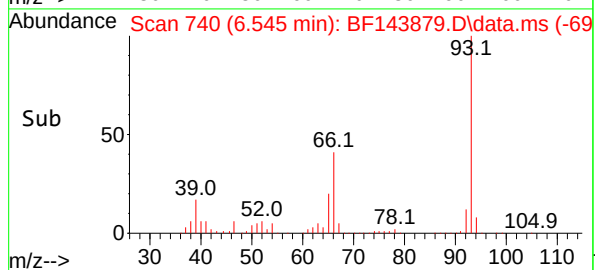
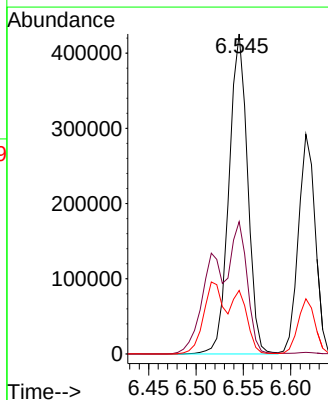
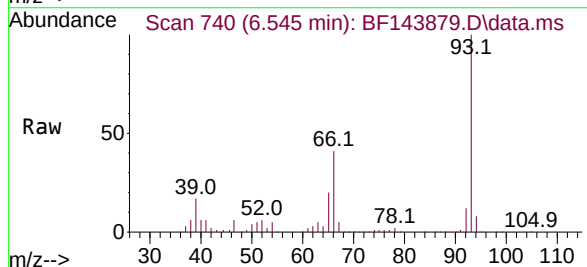
Manual Integrations
APPROVED

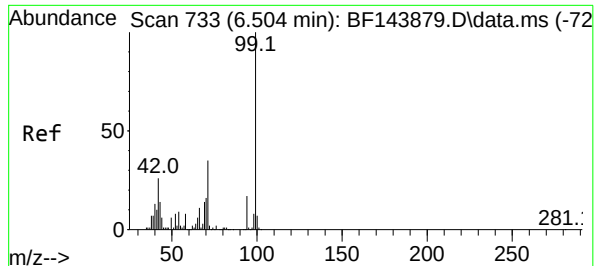
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

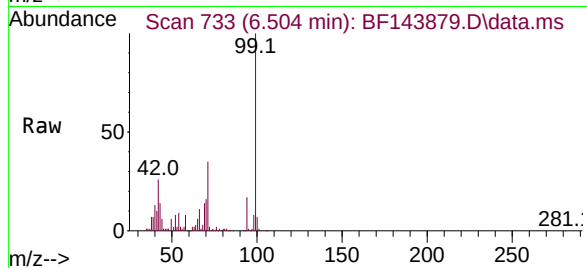
Tgt Ion: 93 Resp: 581779
Ion Ratio Lower Upper
93 100
66 41.3 33.0 49.6
65 19.8 15.8 23.8





#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

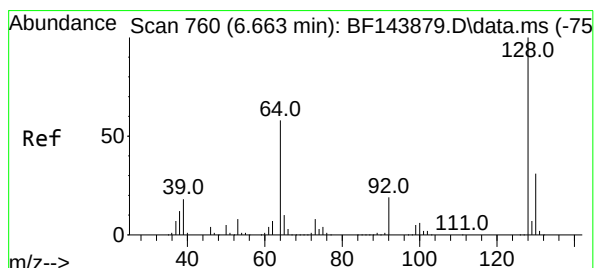
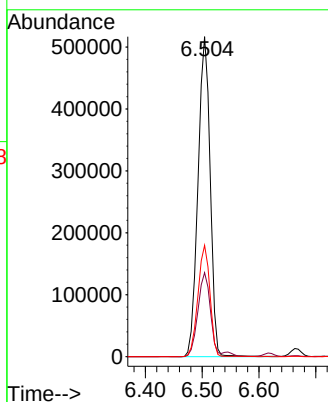
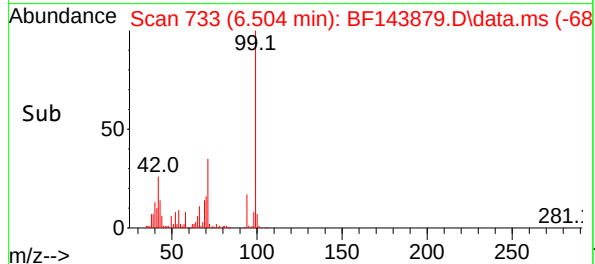
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



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

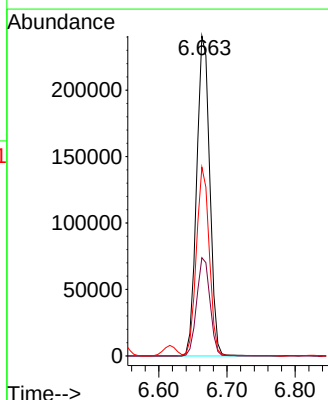
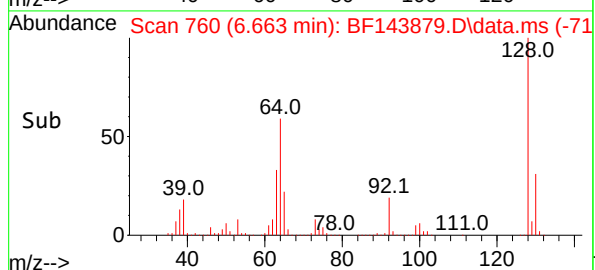
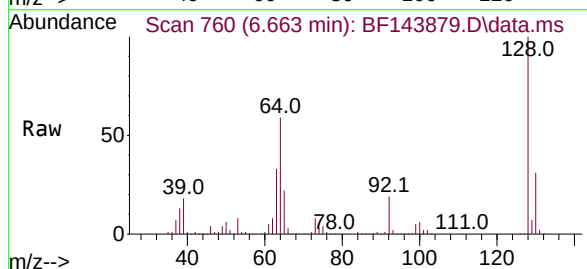
Manual Integrations
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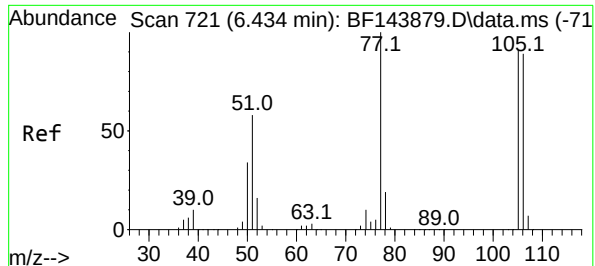
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

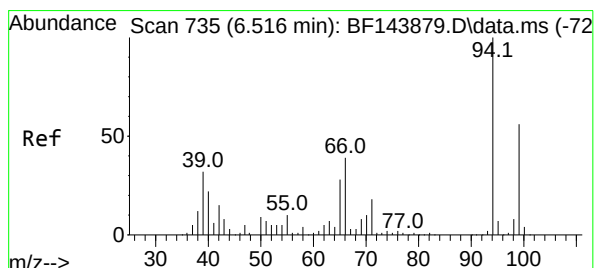
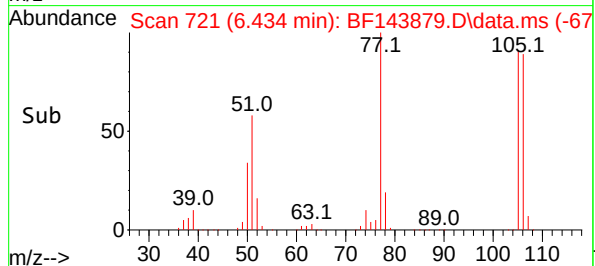
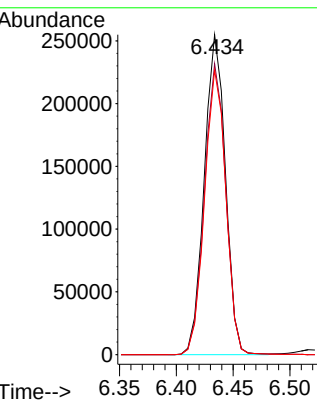
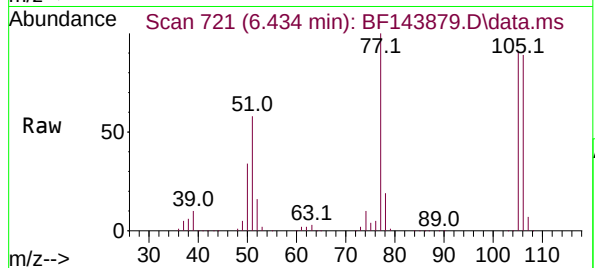
106 88.9 68.9 108.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

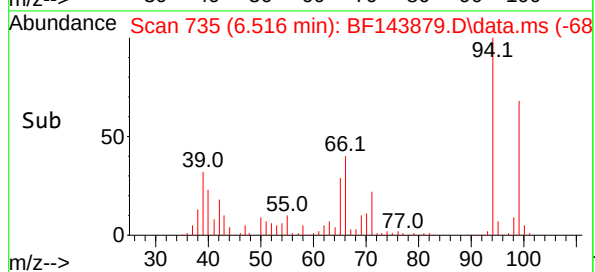
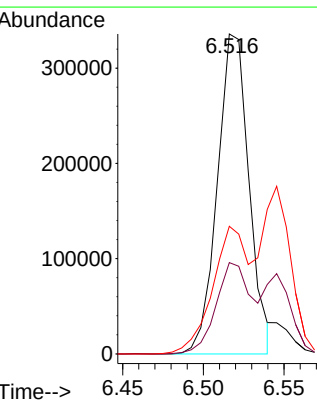
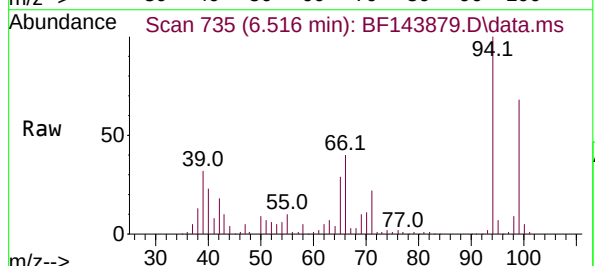
Tgt Ion: 94 Resp: 457250

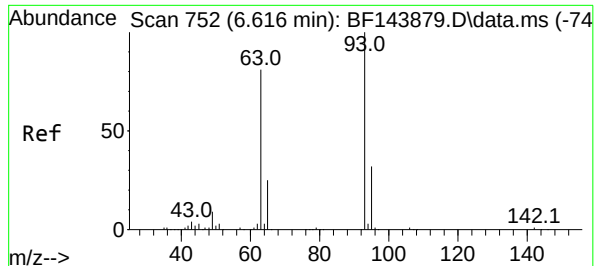
Ion Ratio Lower Upper

94 100

65 28.5 8.5 48.5

66 39.9 19.9 59.9





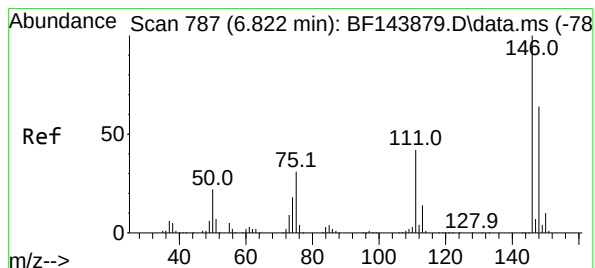
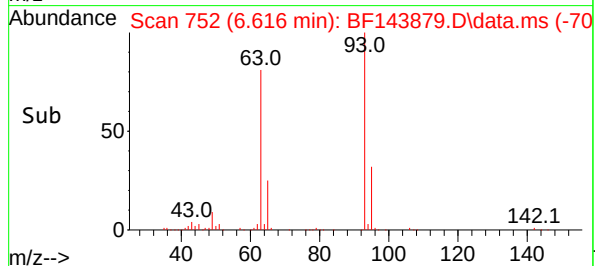
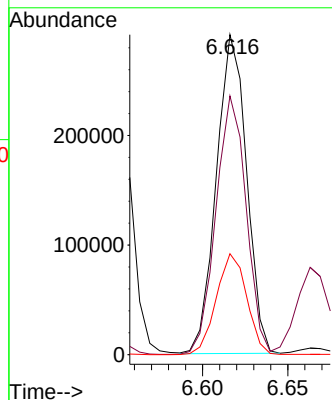
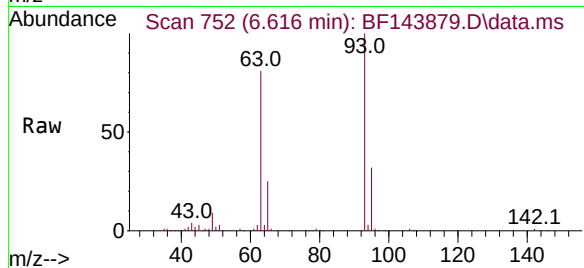
#11
bis(2-Chloroethyl)ether
Concen: 41.712 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

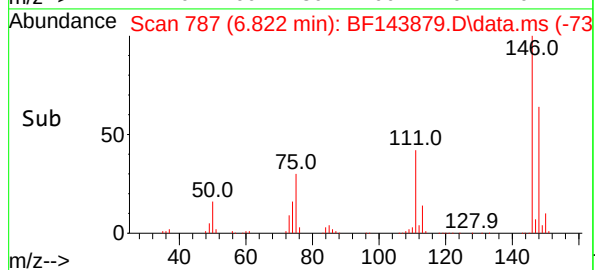
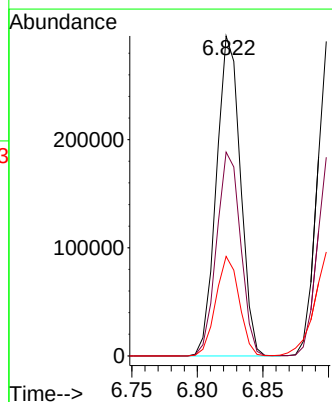
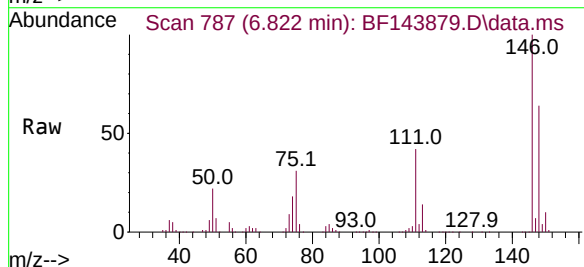
Manual Integrations
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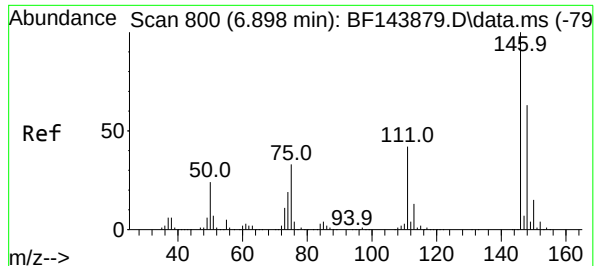
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

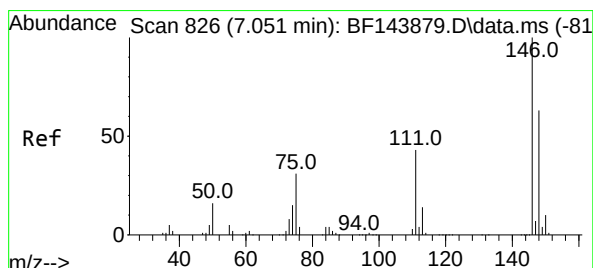
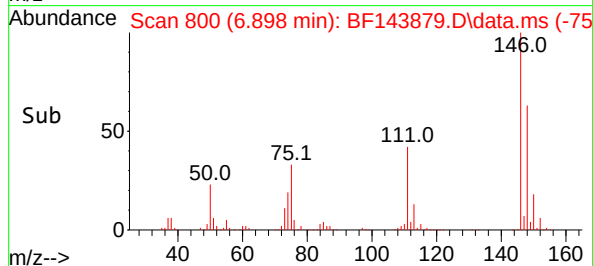
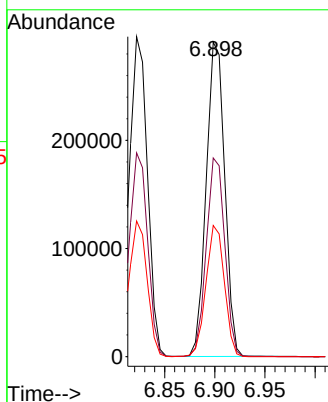
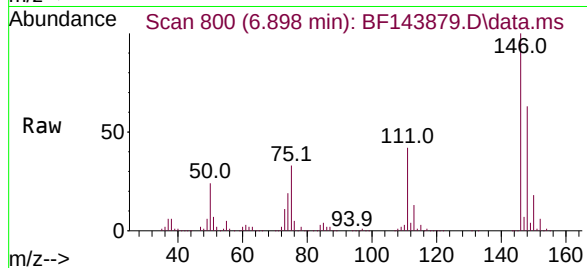
111 41.7 33.4 50.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

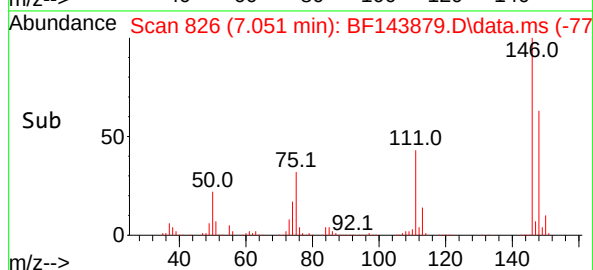
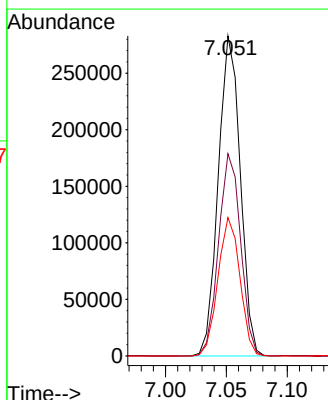
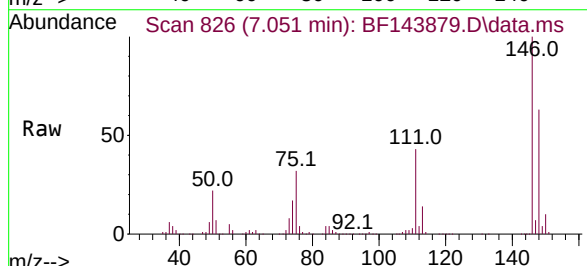
Tgt Ion:146 Resp: 356137

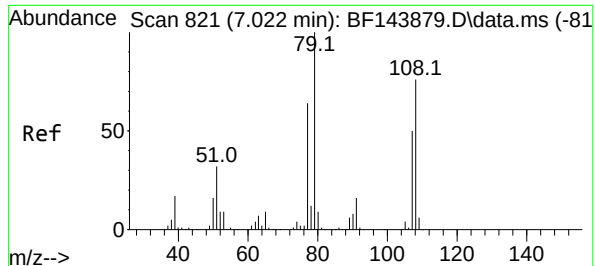
Ion Ratio Lower Upper

146 100

148 63.2 50.6 75.8

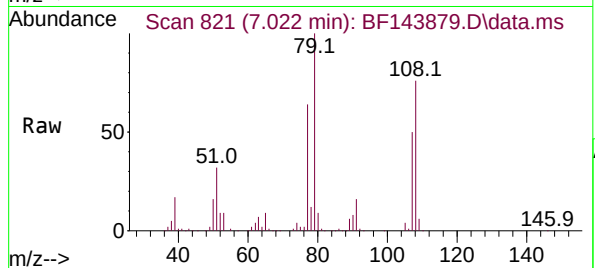
111 43.2 34.6 51.8





#15
Benzyl Alcohol
Concen: 41.707 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

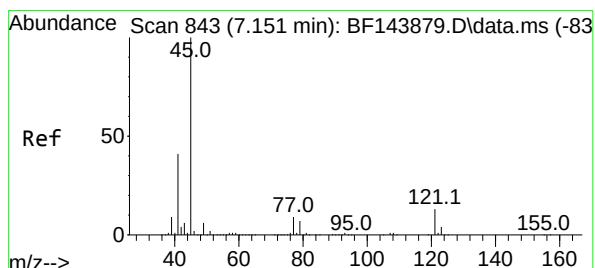
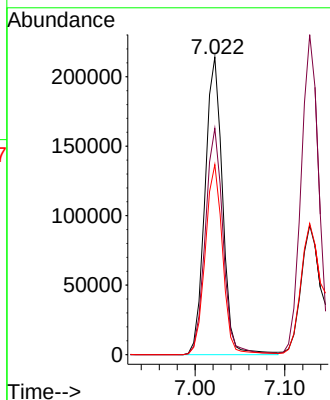
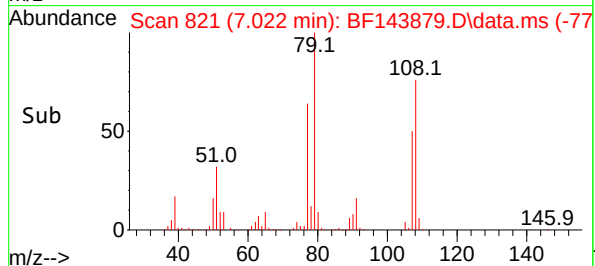
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

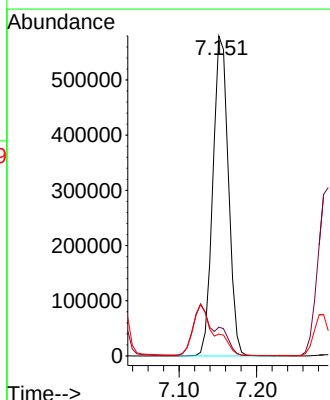
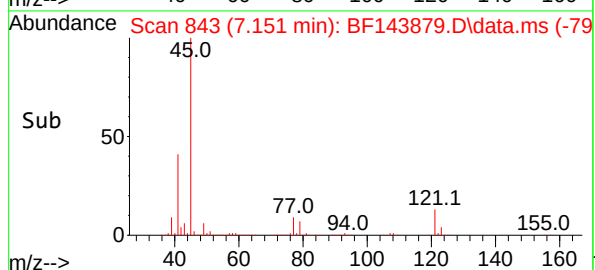
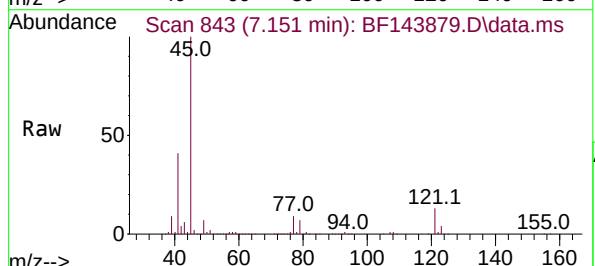
Manual Integrations
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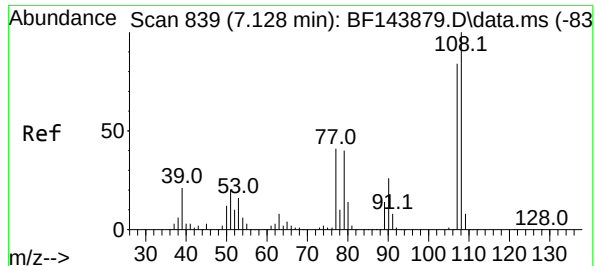
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

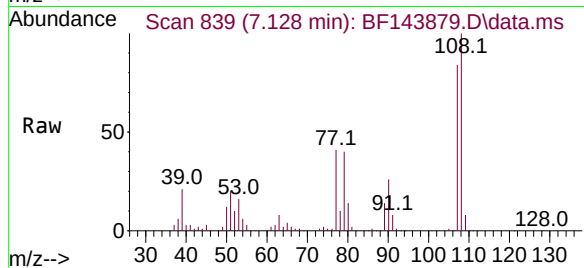
Tgt Ion: 45 Resp: 804199
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.8 0.0 26.8





#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

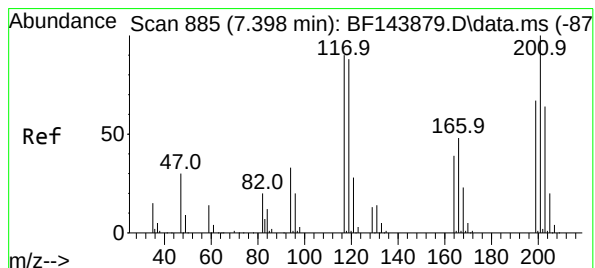
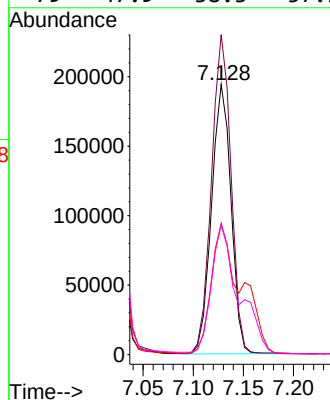
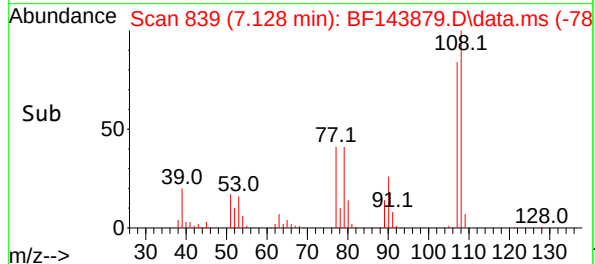
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

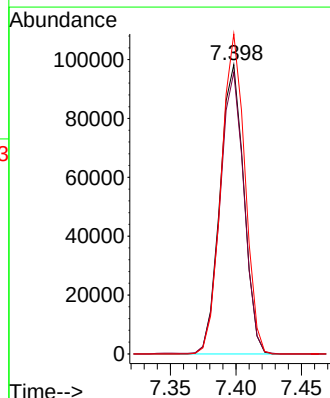
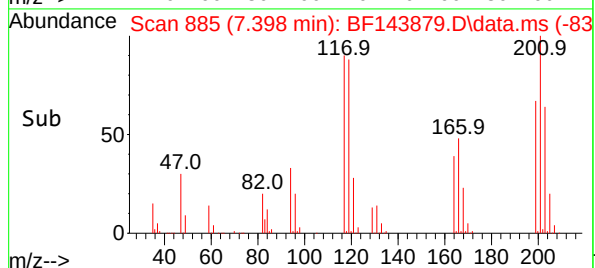
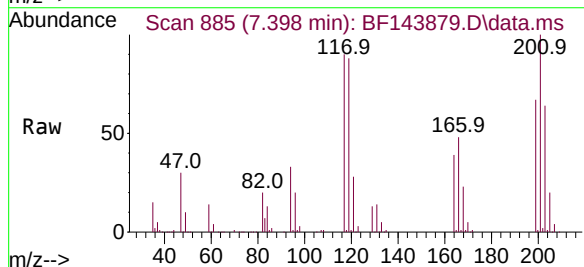
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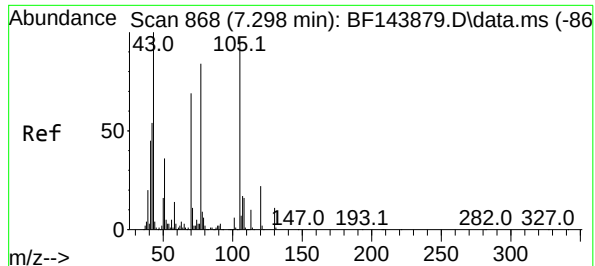
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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: 25470

Ion Ratio Lower Upper

70 100

42 78.5 62.8 94.2

101 8.4 6.7 10.1

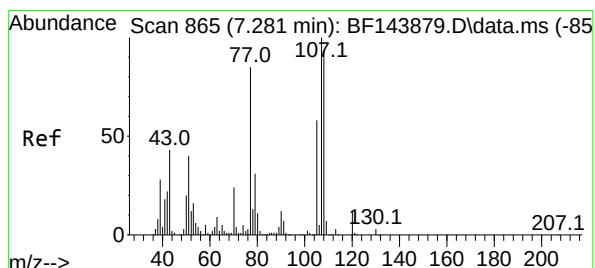
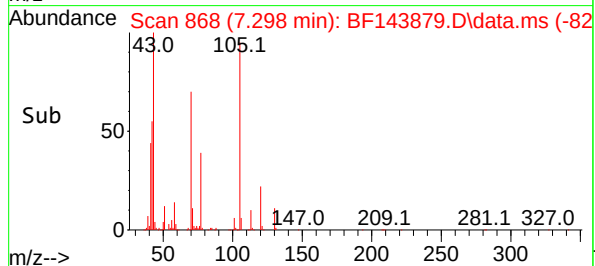
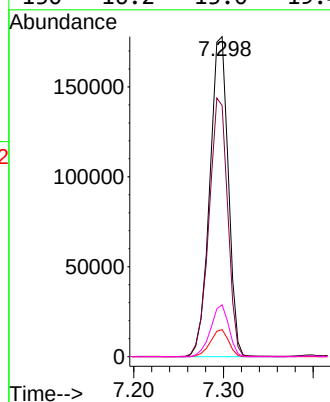
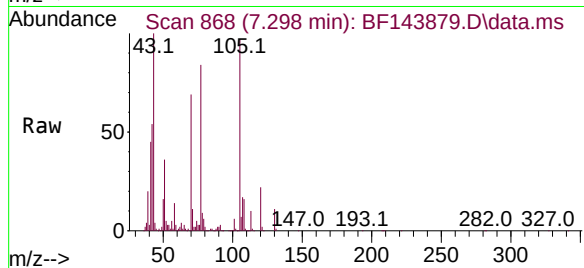
130 16.2 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

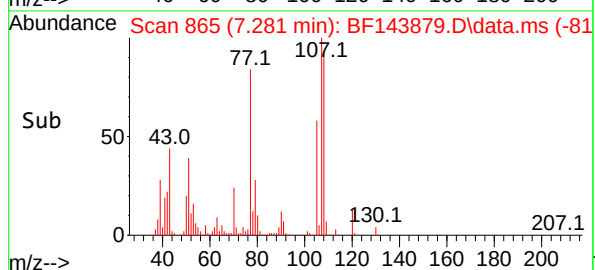
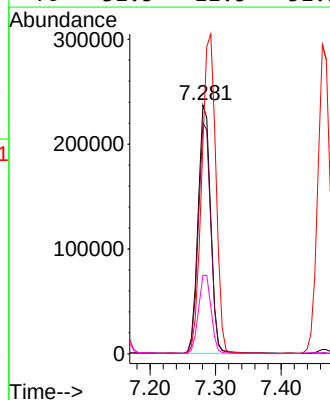
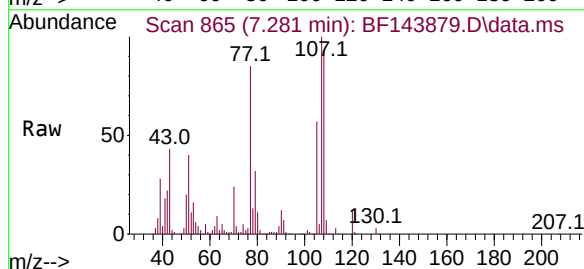
Ion Ratio Lower Upper

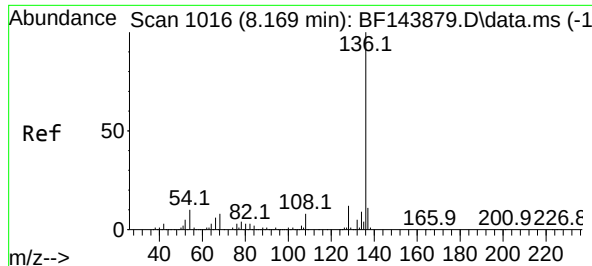
107 100

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

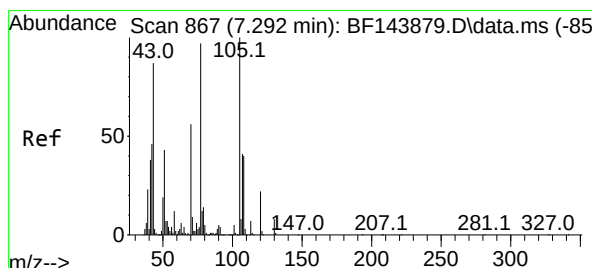
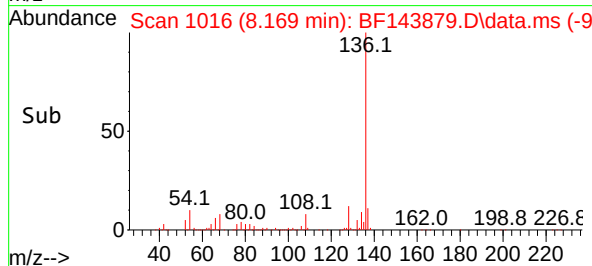
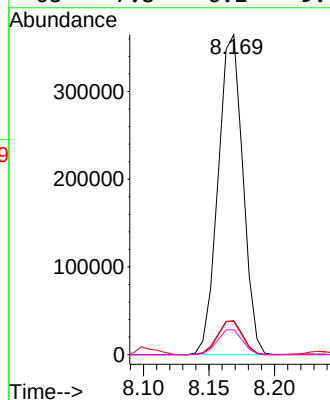
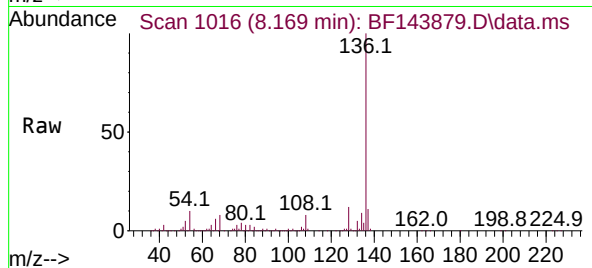
68 7.8 6.2 9.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

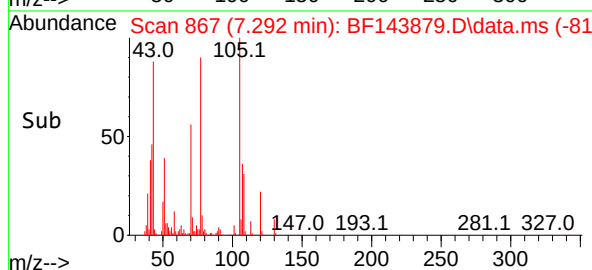
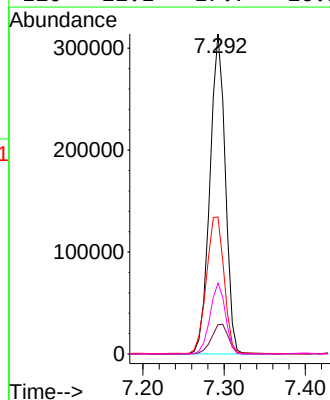
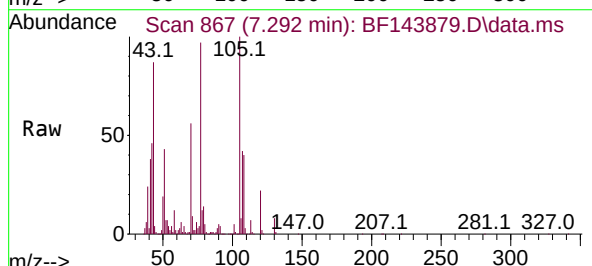
Ion Ratio Lower Upper

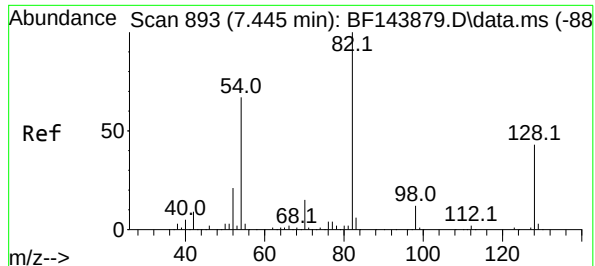
105 100

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

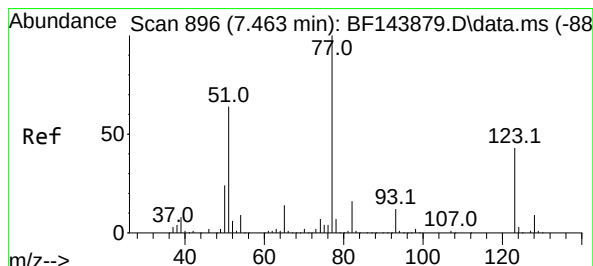
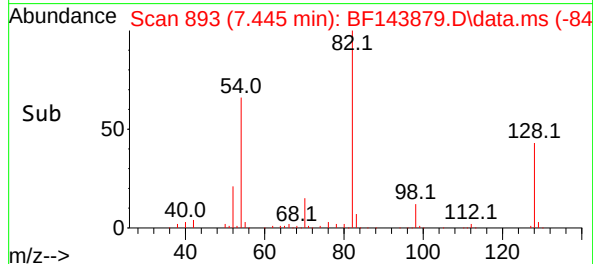
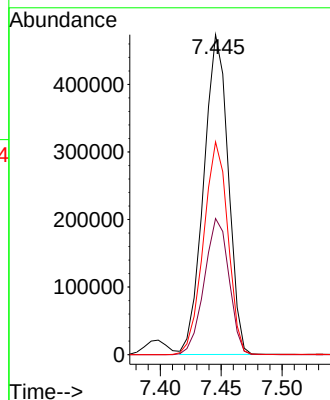
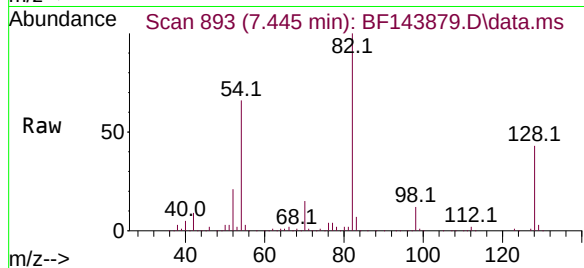
54 66.5 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

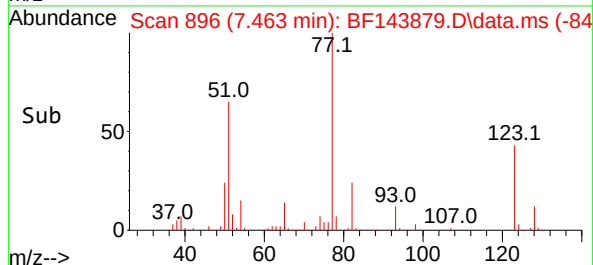
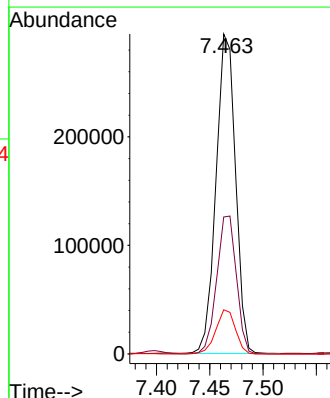
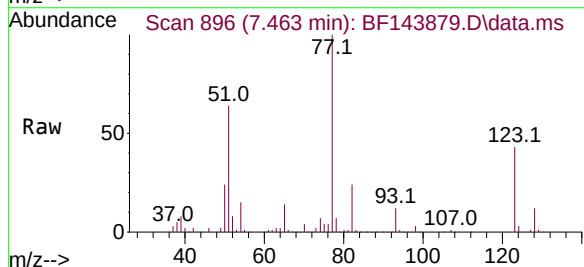
Tgt Ion: 77 Resp: 375708

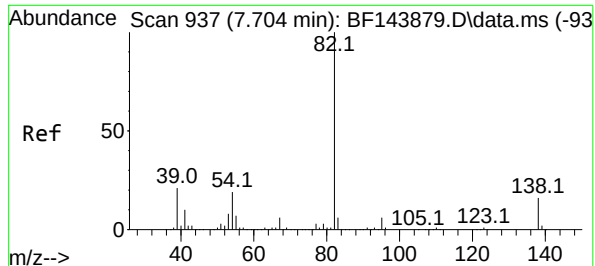
Ion Ratio Lower Upper

77 100

123 42.8 34.2 51.4

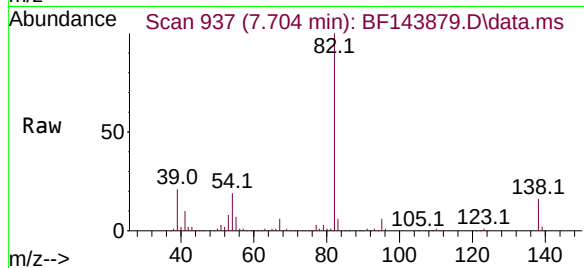
65 13.8 11.0 16.6





#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

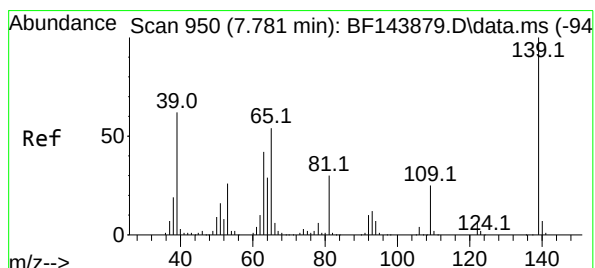
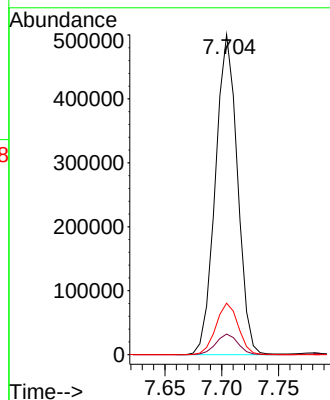
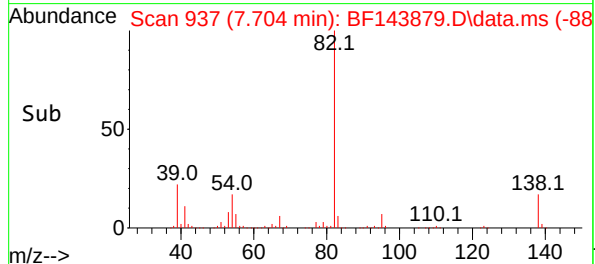
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



Tgt Ion: 82 Resp: 67700
Ion Ratio Lower Upper
82 100
95 6.4 5.1 7.7
138 16.1 12.9 19.3

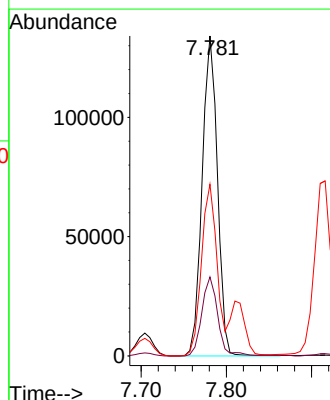
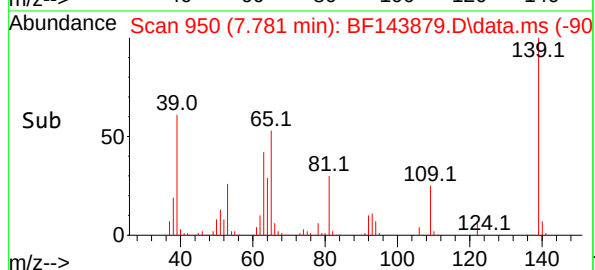
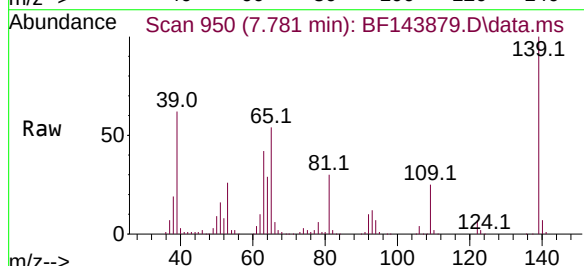
Manual Integrations
APPROVED

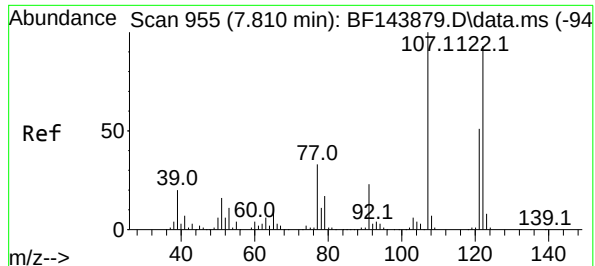
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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# 955

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

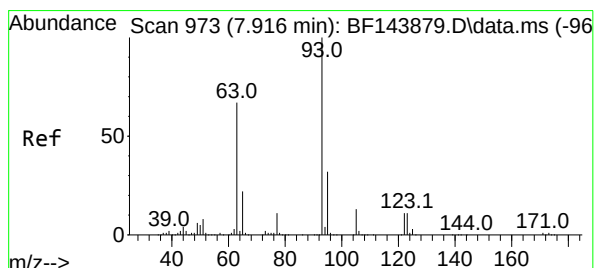
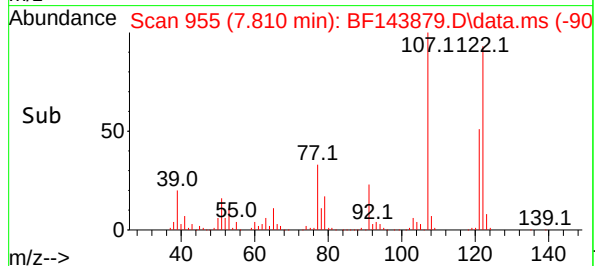
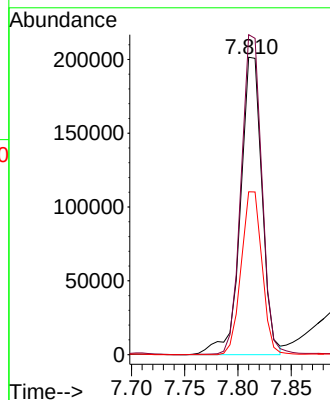
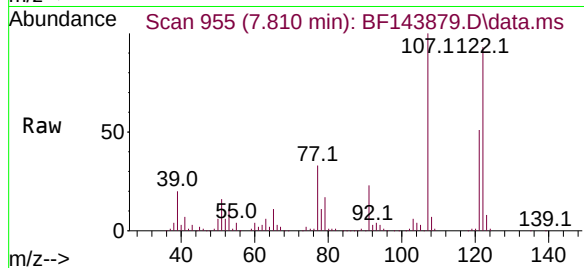
Ion	Ratio	Lower	Upper
122	100		
107	107.6	86.1	129.1
121	54.7	43.8	65.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#28

bis(2-Chloroethoxy)methane

Concen: 40.486 ng

RT: 7.916 min Scan# 973

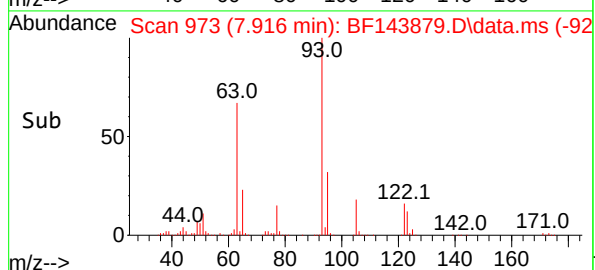
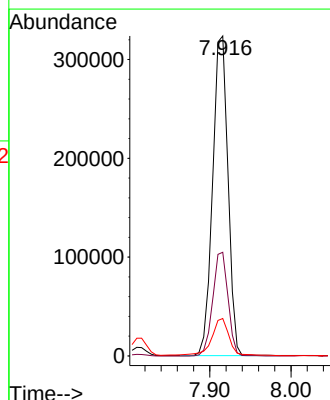
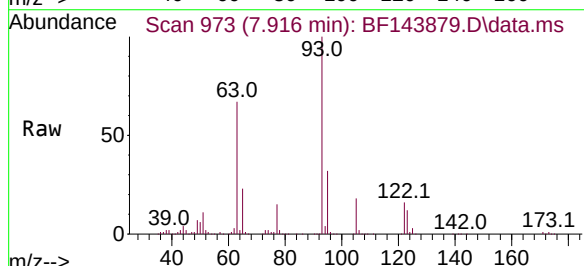
Delta R.T. -0.006 min

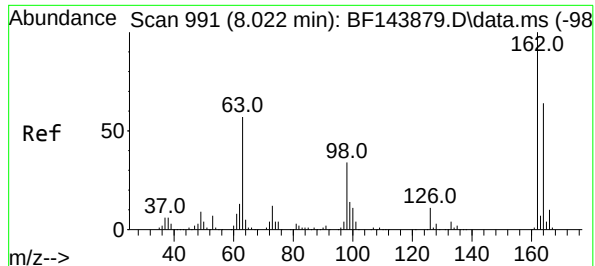
Lab File: BF143879.D

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 :

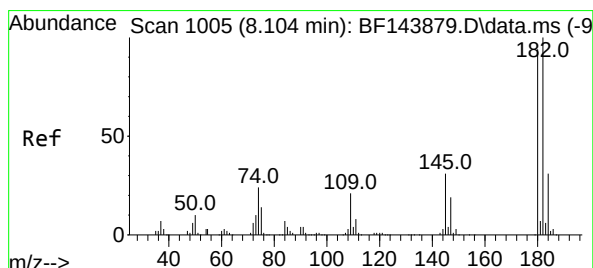
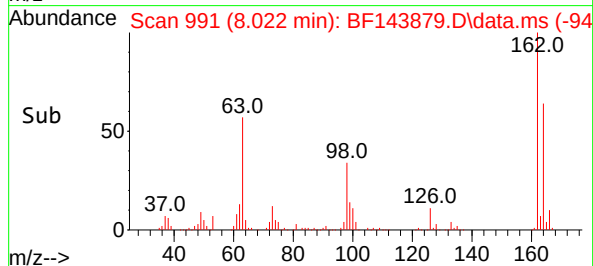
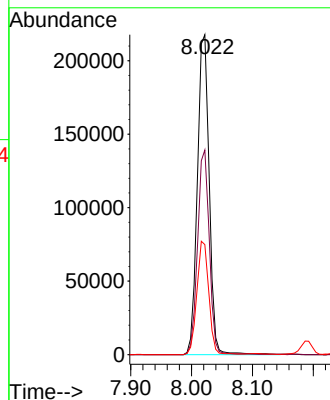
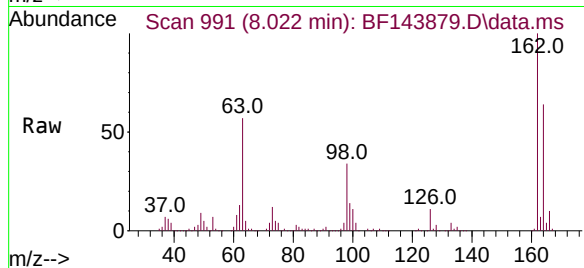
SSTDICCC040

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

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#30

1,2,4-Trichlorobenzene

Concen: 41.312 ng

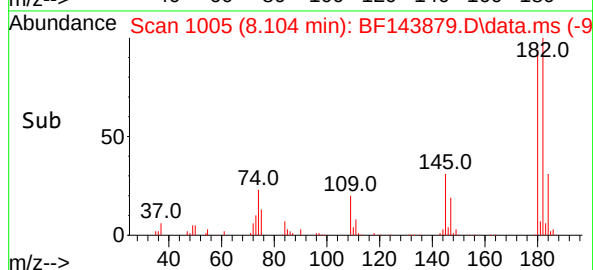
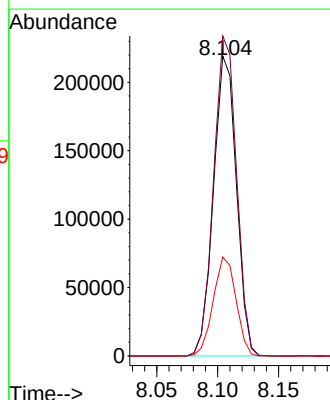
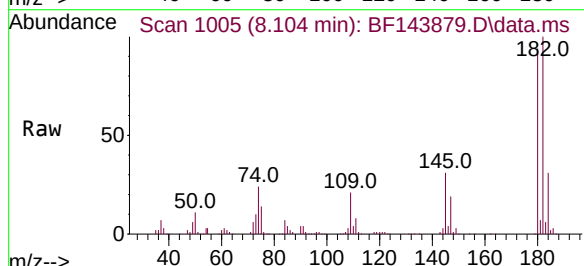
RT: 8.104 min Scan# 1005

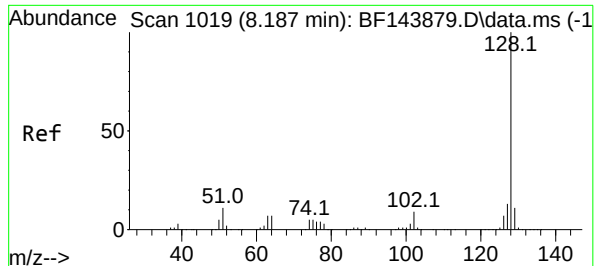
Delta R.T. -0.006 min

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

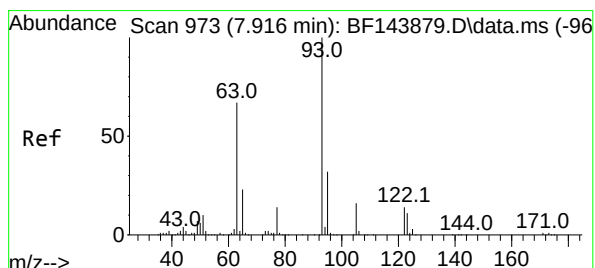
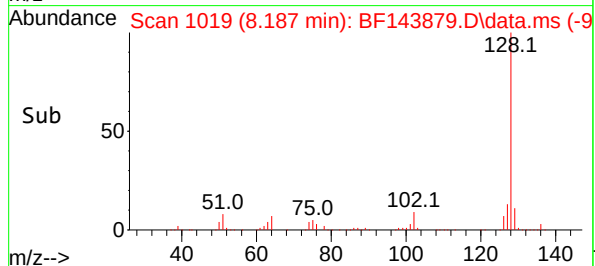
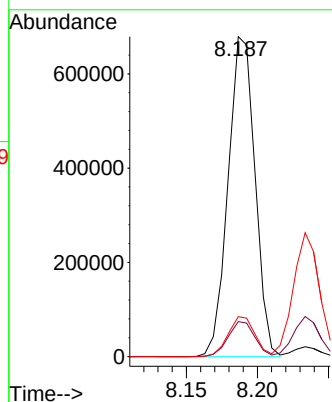
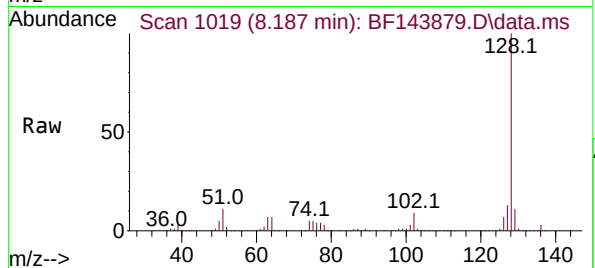
127 12.5 10.0 15.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

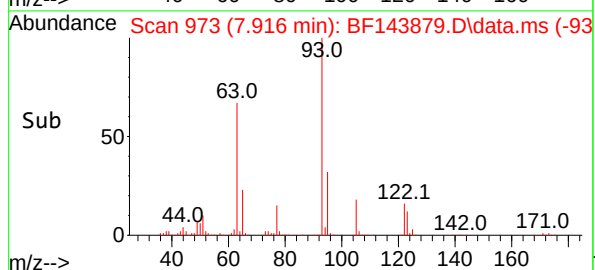
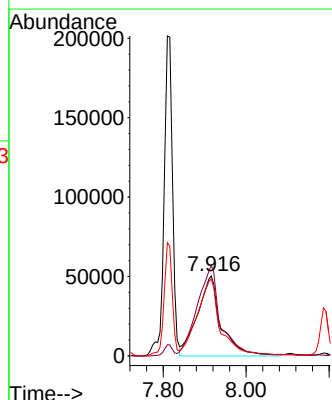
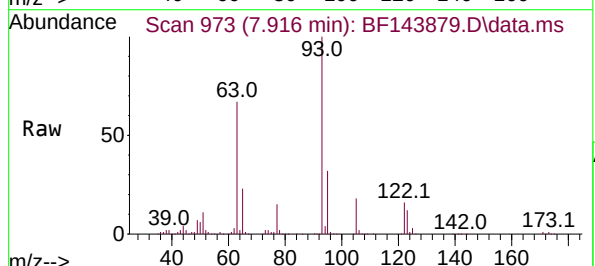
Tgt Ion:122 Resp: 199609

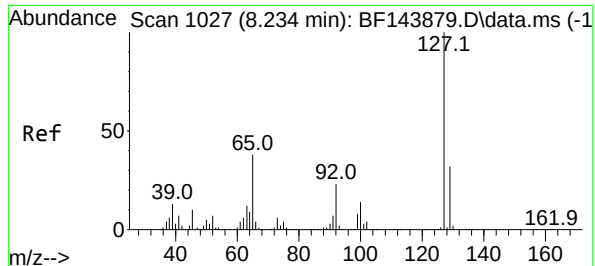
Ion Ratio Lower Upper

122 100

105 113.5 93.5 133.5

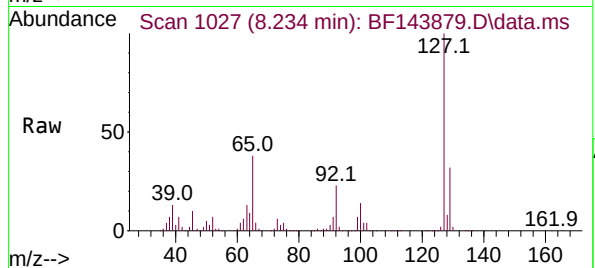
77 96.3 76.3 116.3





#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

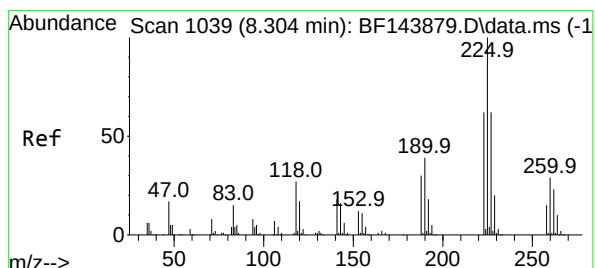
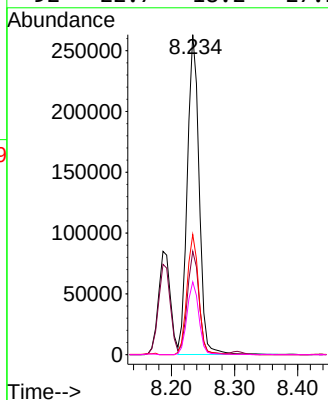
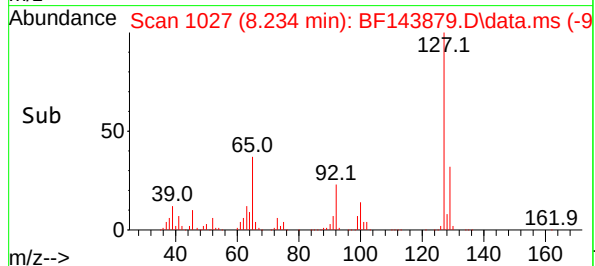
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

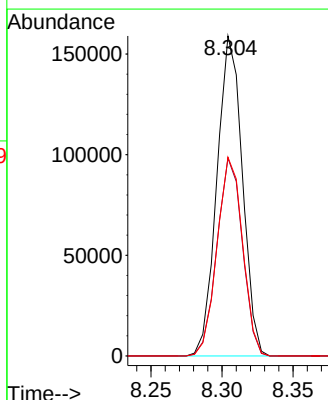
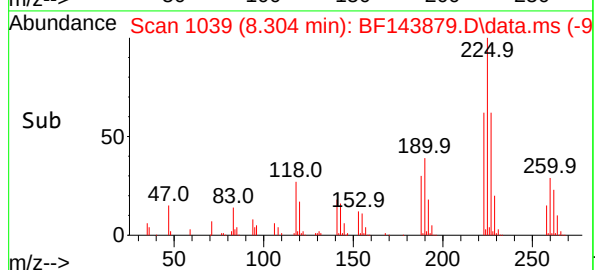
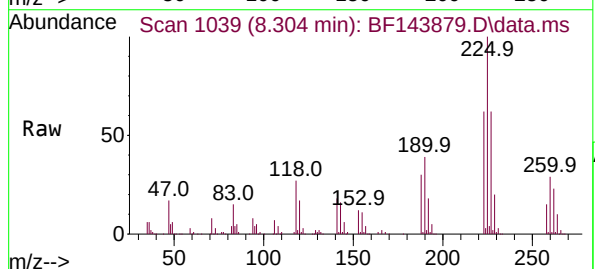
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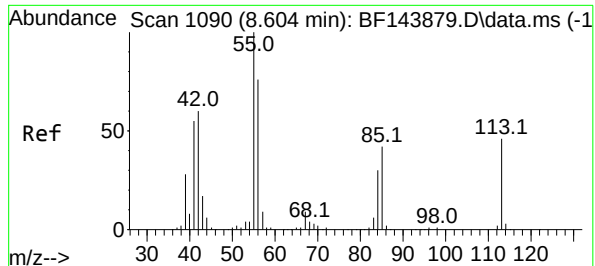
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

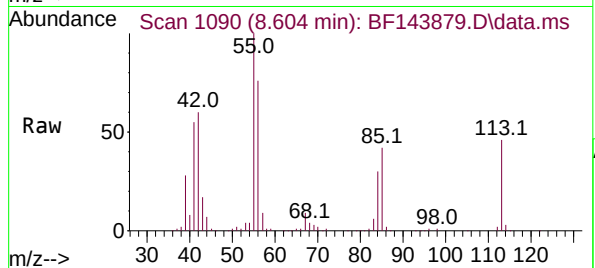
Tgt Ion:225 Resp: 198282
Ion Ratio Lower Upper
225 100
223 61.8 49.4 74.2
227 62.1 49.7 74.5





#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

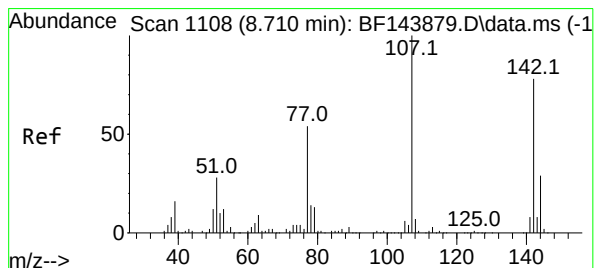
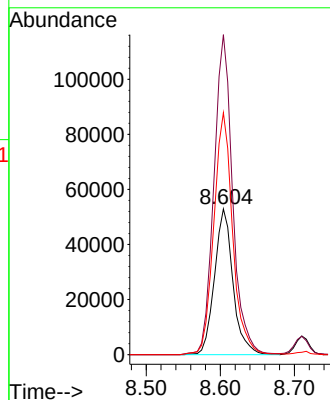
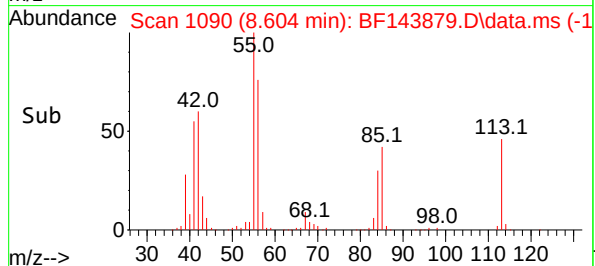
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:113 Resp: 91458
Ion Ratio Lower Upper
113 100
55 219.6 199.6 239.6
56 166.0 146.0 186.0

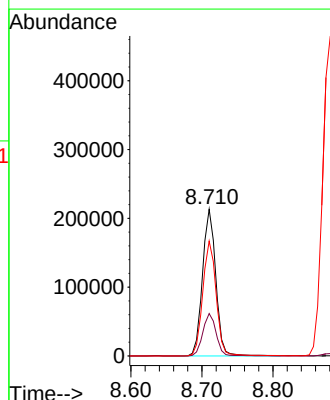
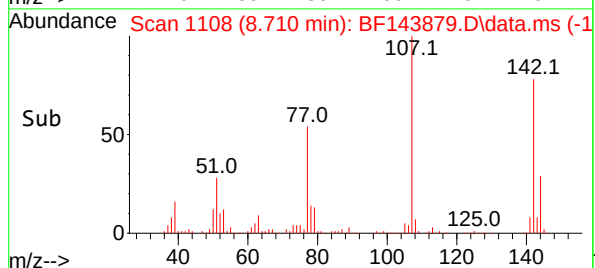
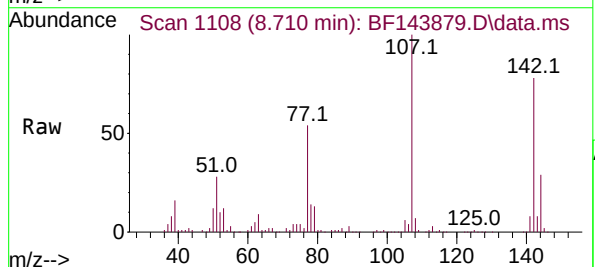
Manual Integrations
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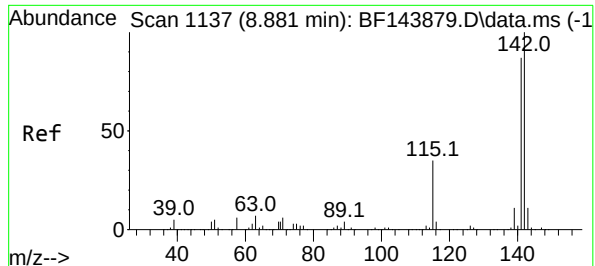
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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:107 Resp: 275908
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

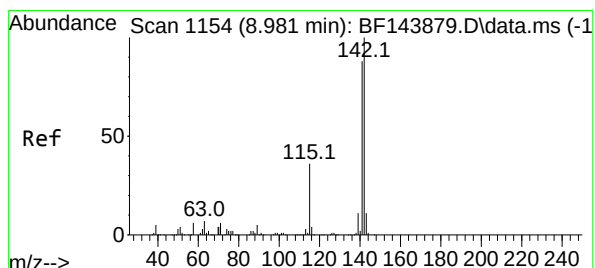
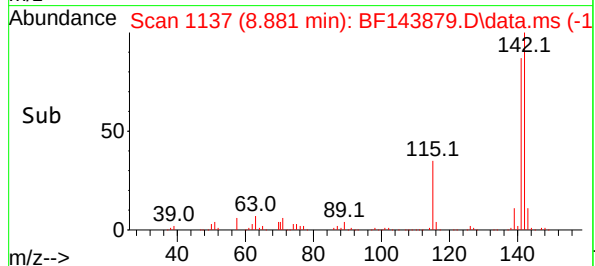
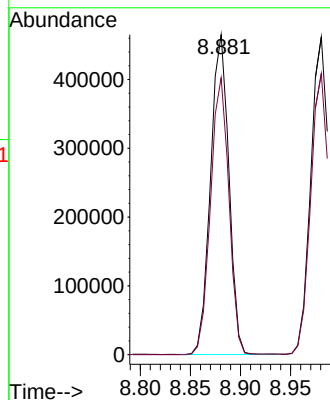
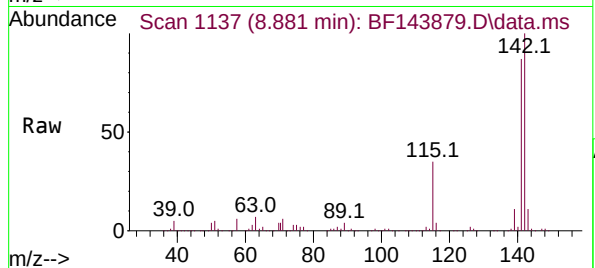
141 86.5 69.2 103.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#38

1-Methylnaphthalene

Concen: 41.196 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143879.D

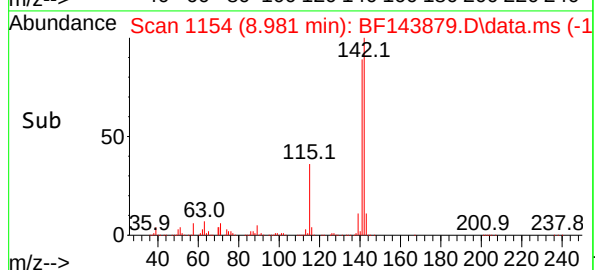
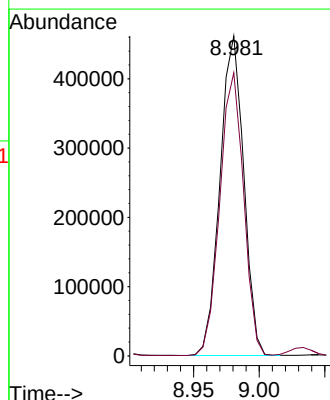
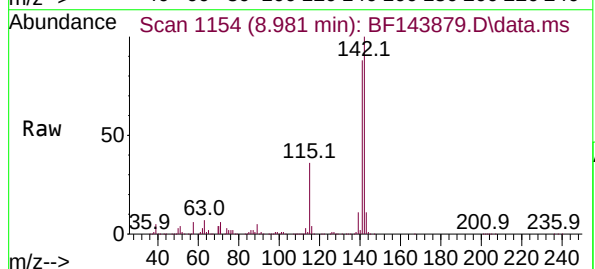
Acq: 06 Oct 2025 12:54

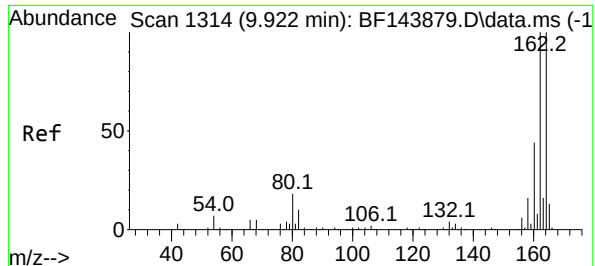
Tgt Ion:142 Resp: 581114

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

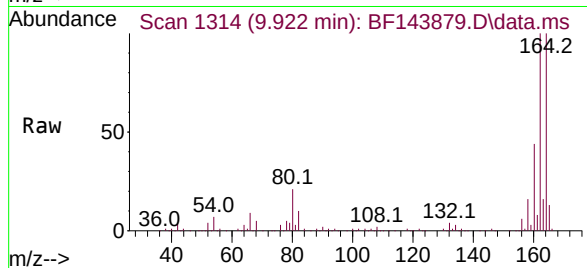
Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:164 Resp: 260024

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

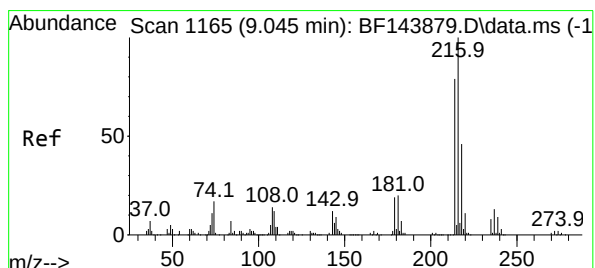
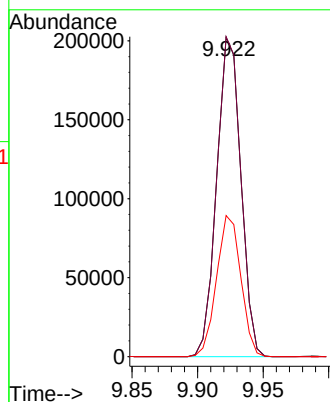
160 44.2 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

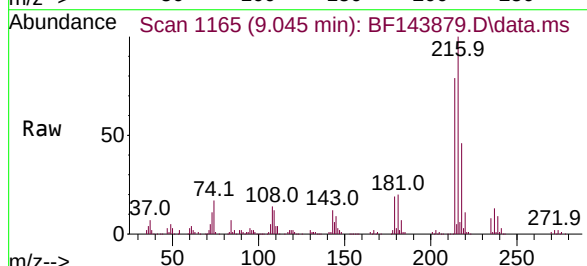
Concen: 42.665 ng

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

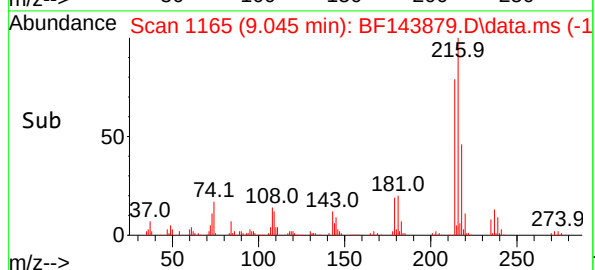
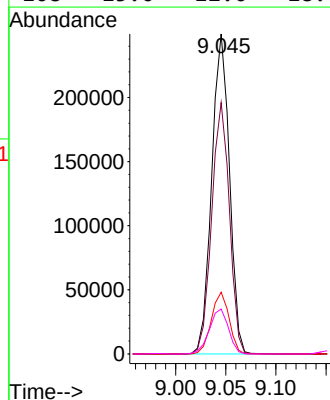
Ion Ratio Lower Upper

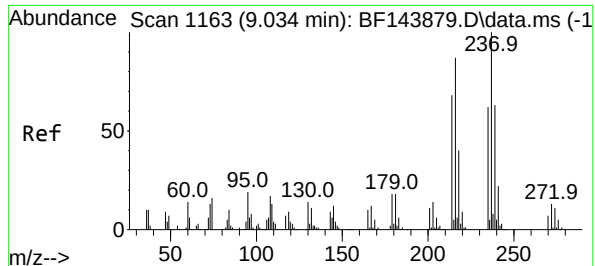
216 100

214 78.3 62.6 94.0

179 19.2 15.4 23.0

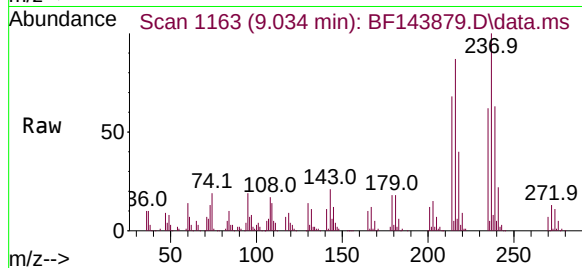
108 15.0 12.0 18.0





#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

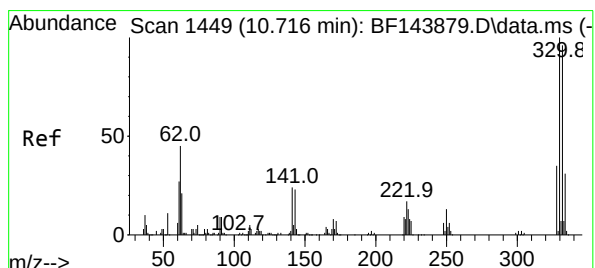
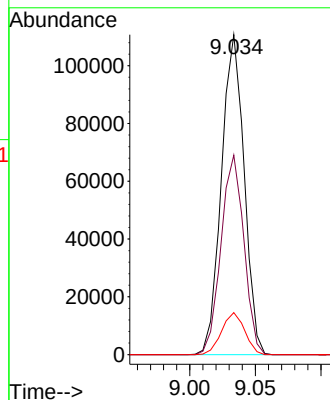
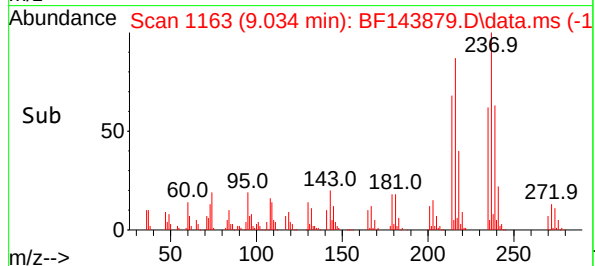
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



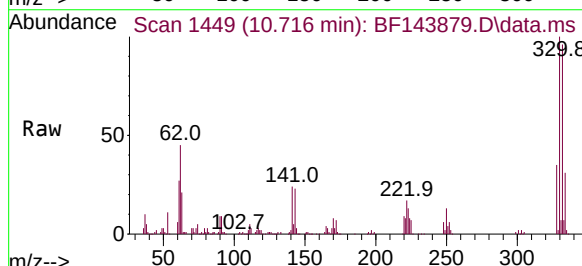
Tgt Ion: 237 Resp: 133694
Ion Ratio Lower Upper
237 100
235 62.3 42.3 82.3
272 13.1 0.0 33.1

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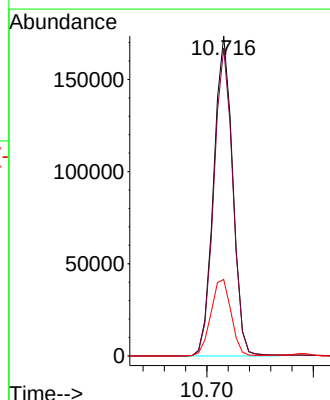
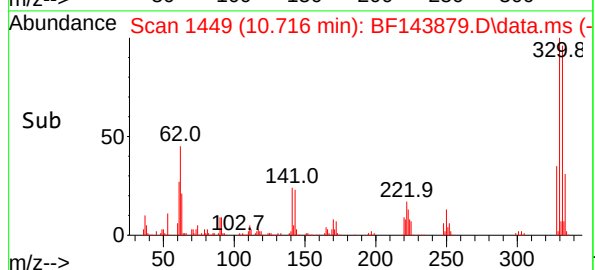
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

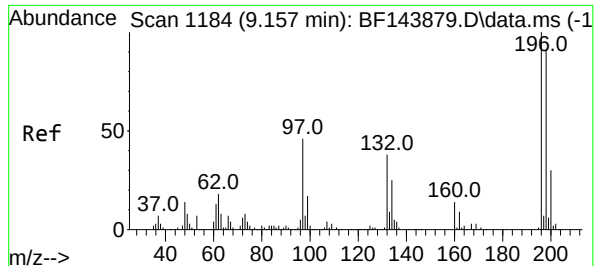


#42
2,4,6-Tribromophenol
Concen: 83.200 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



Tgt Ion: 330 Resp: 215478
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

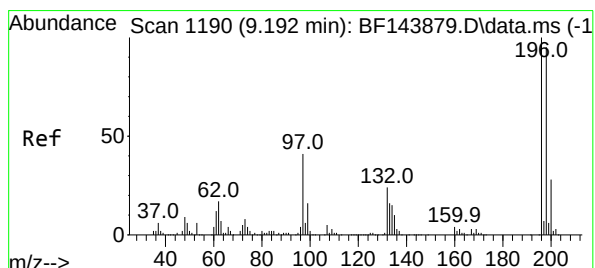
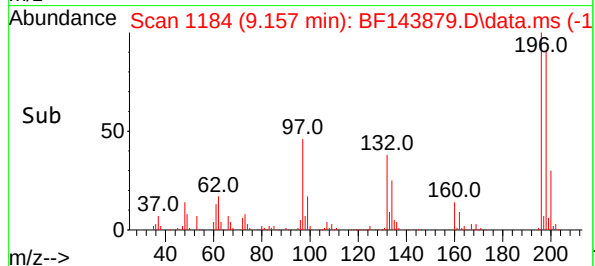
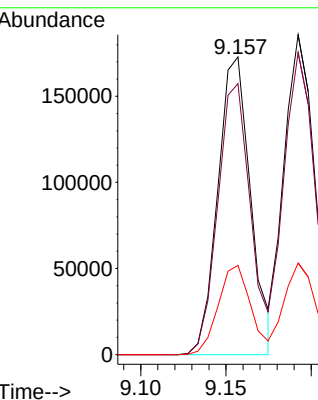
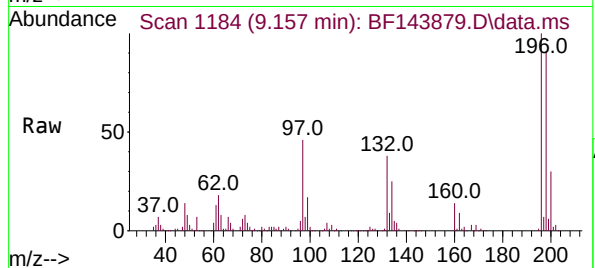
200 30.0 24.0 36.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

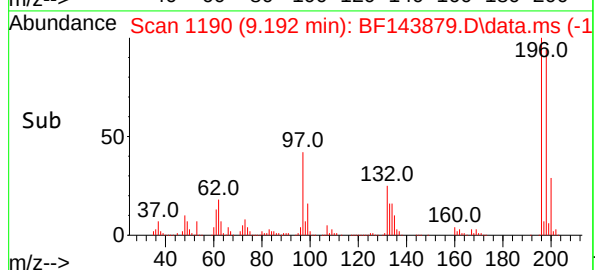
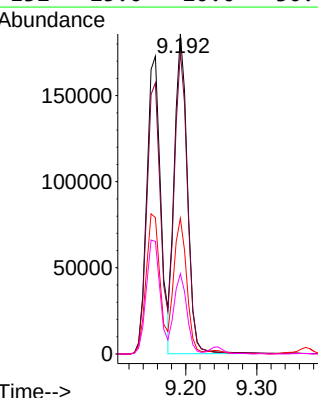
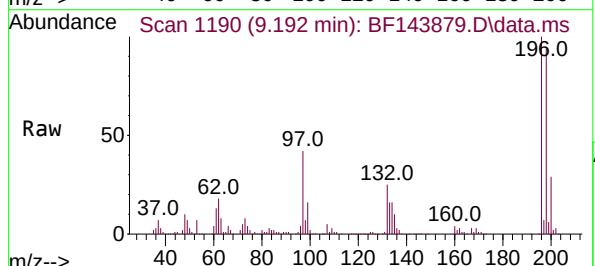
Ion Ratio Lower Upper

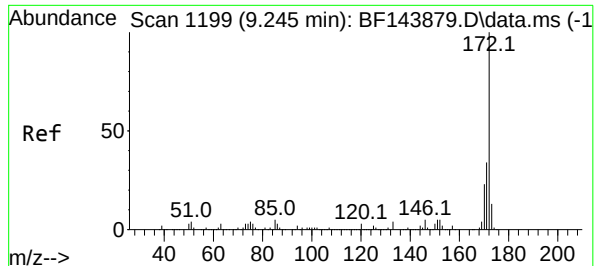
196 100

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

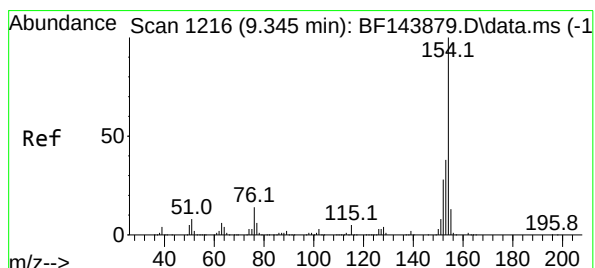
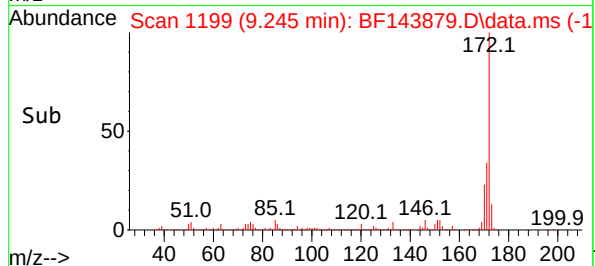
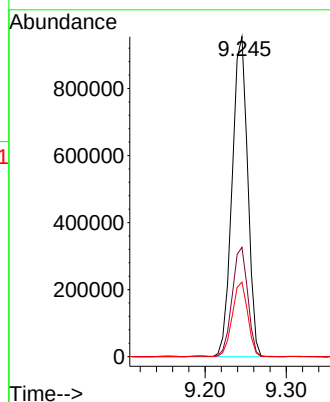
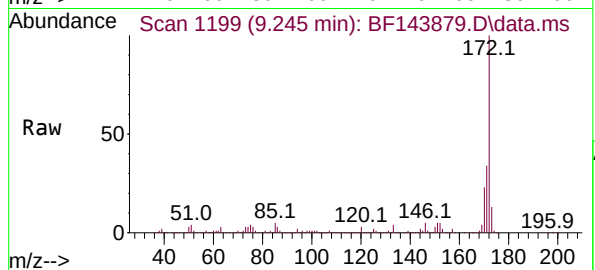
170 23.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

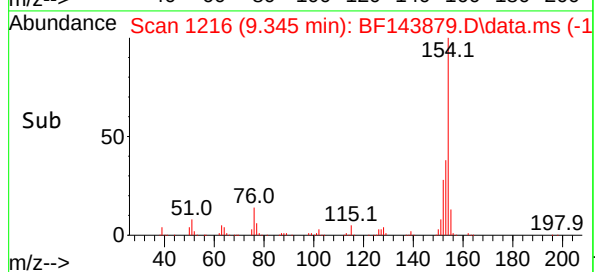
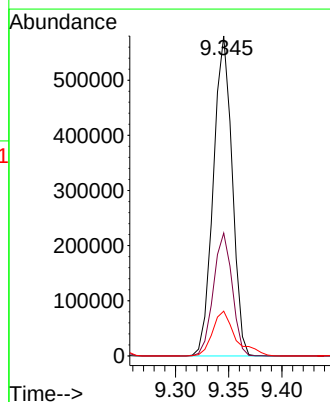
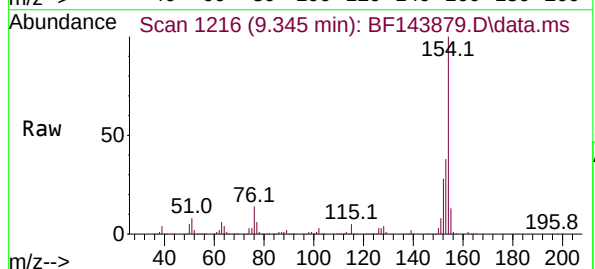
Tgt Ion:154 Resp: 714293

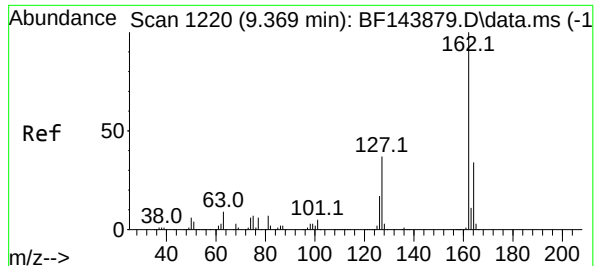
Ion Ratio Lower Upper

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

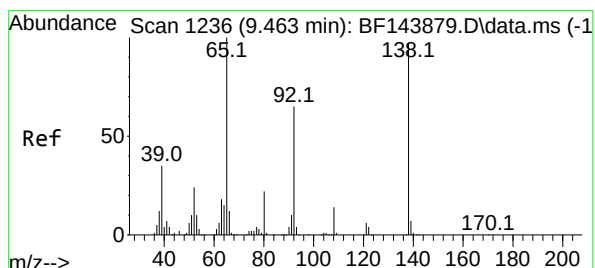
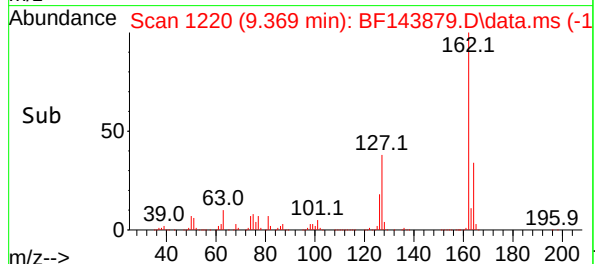
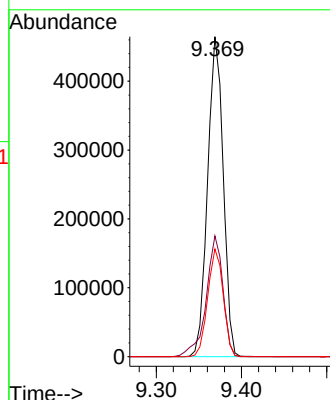
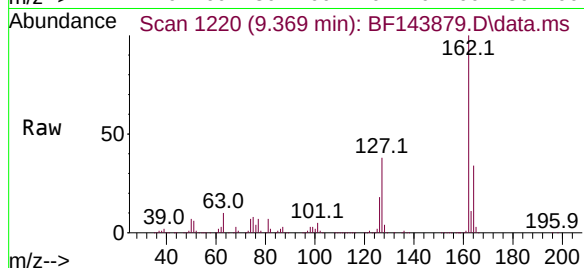
164 33.6 26.9 40.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

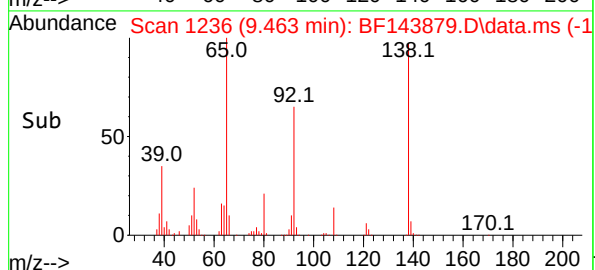
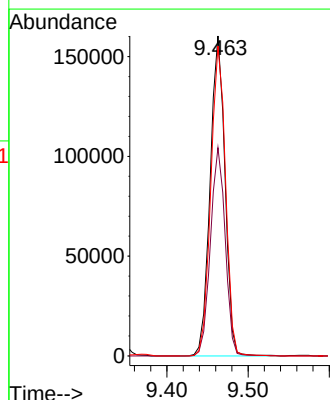
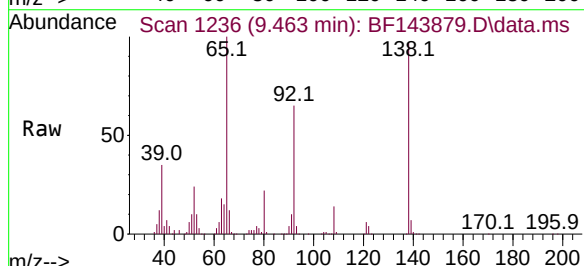
Tgt Ion: 65 Resp: 203733

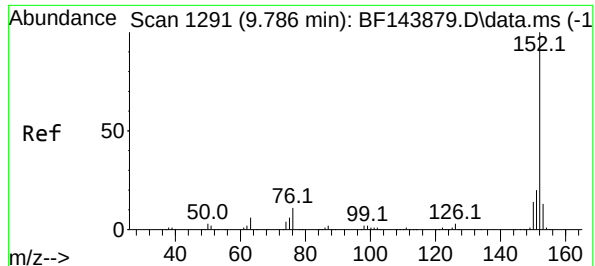
Ion Ratio Lower Upper

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

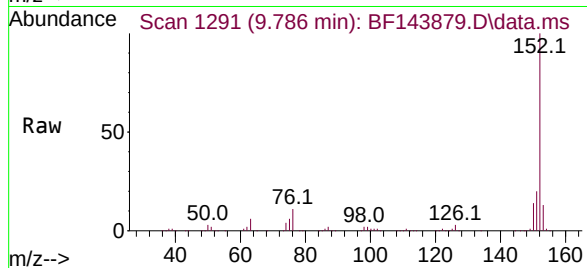
Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:152 Resp: 844062

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

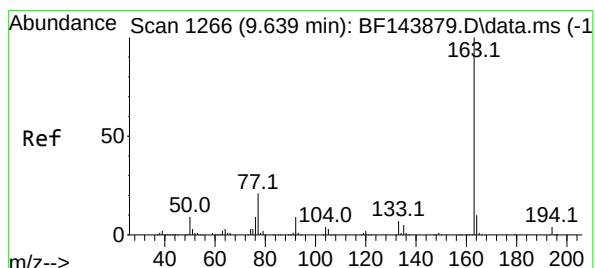
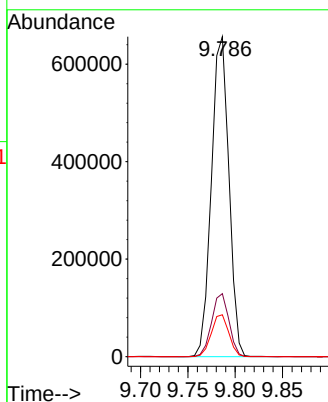
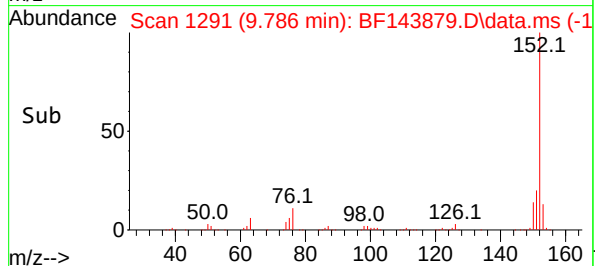
153 13.1 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

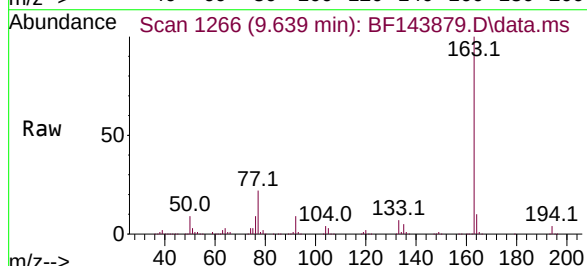
Concen: 40.653 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF143879.D

Acq: 06 Oct 2025 12:54



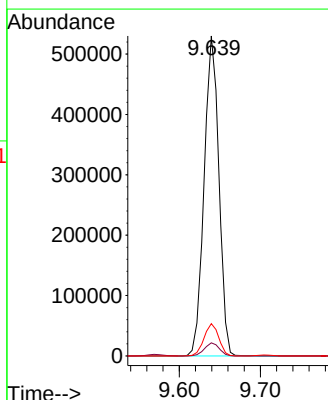
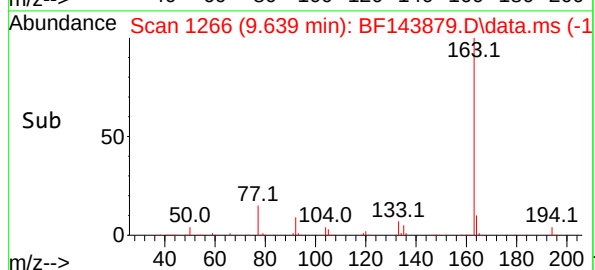
Tgt Ion:163 Resp: 671290

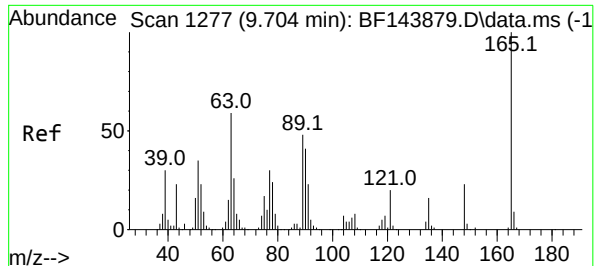
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

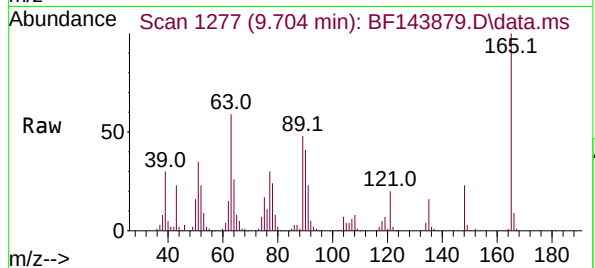
164 10.1 8.1 12.1





#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

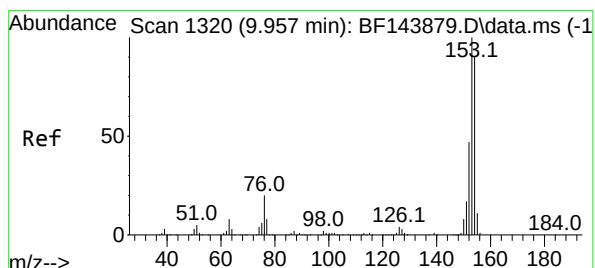
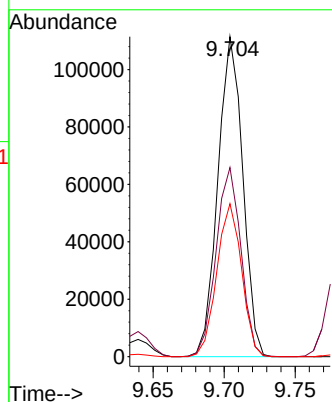
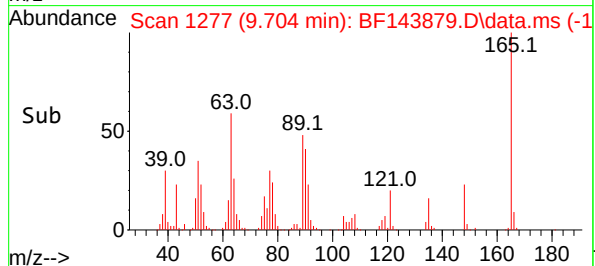
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

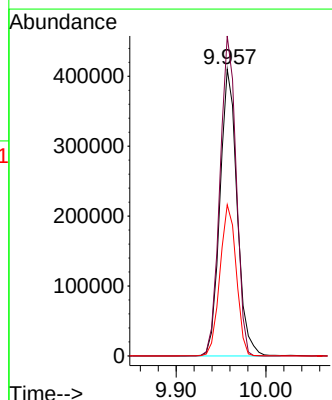
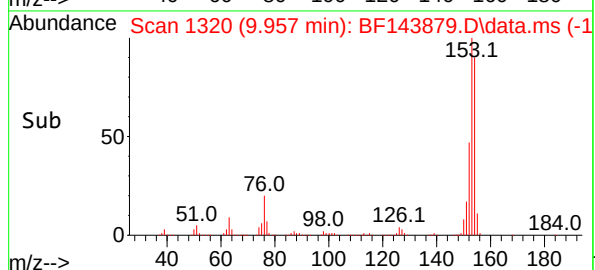
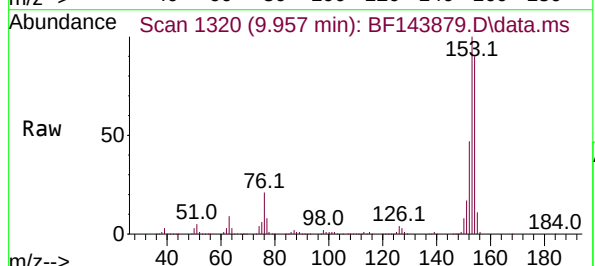
Manual Integrations
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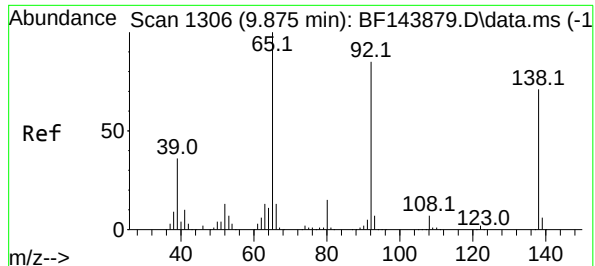
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

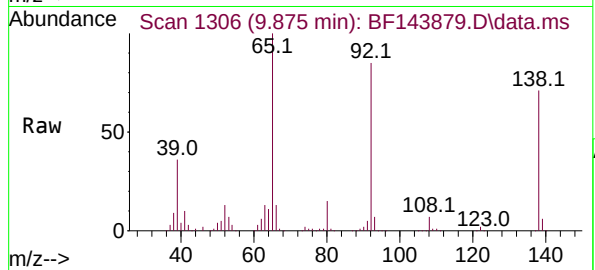
Tgt Ion:154 Resp: 547286
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 52.7 42.2 63.2





#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

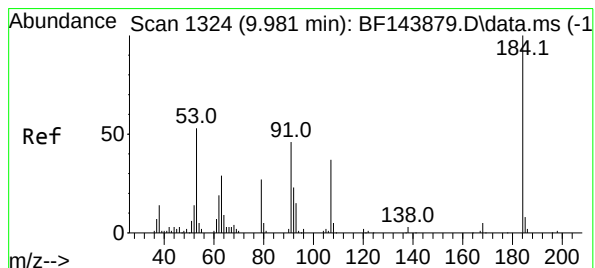
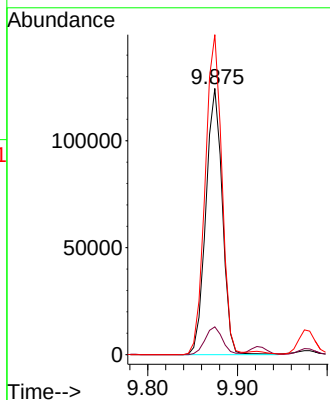
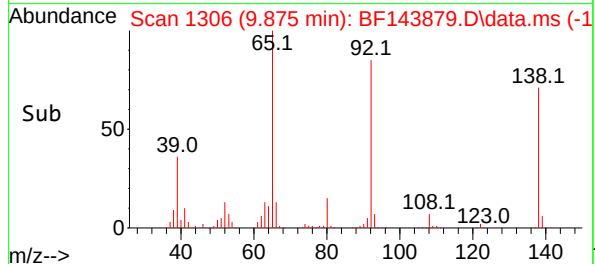
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

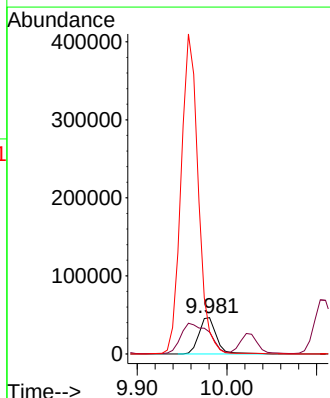
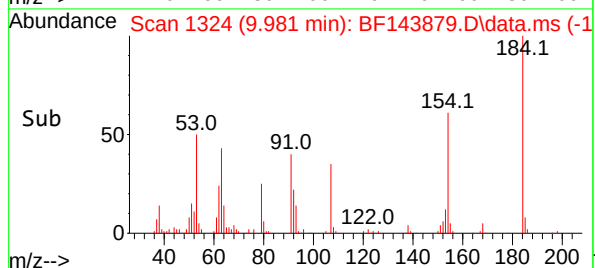
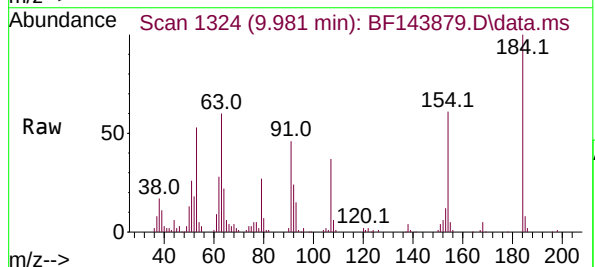
Manual Integrations
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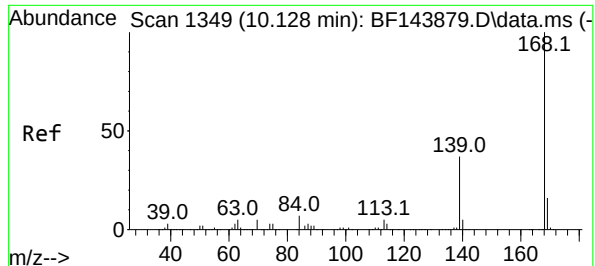
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

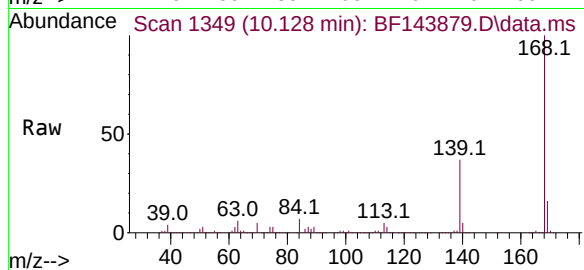
Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:168 Resp: 776950

Ion Ratio Lower Upper

168 100

139 37.3 29.8 44.8

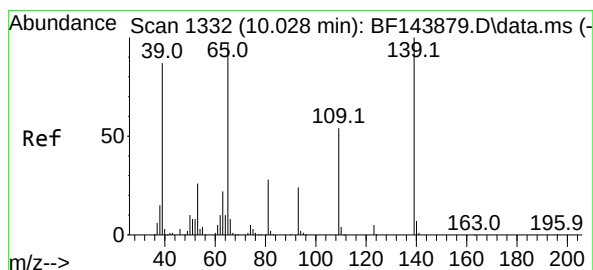
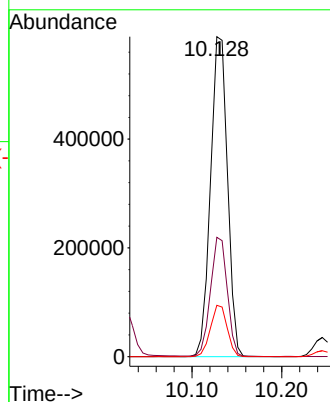
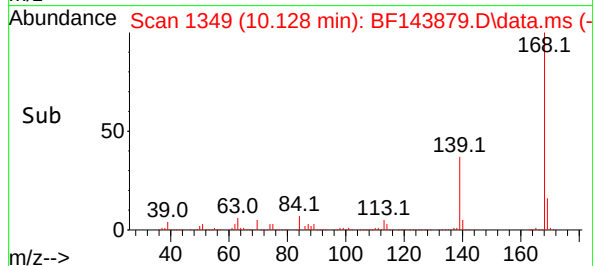
169 16.0 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

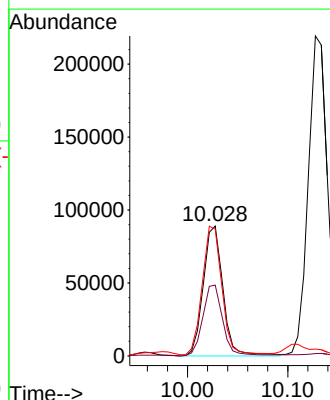
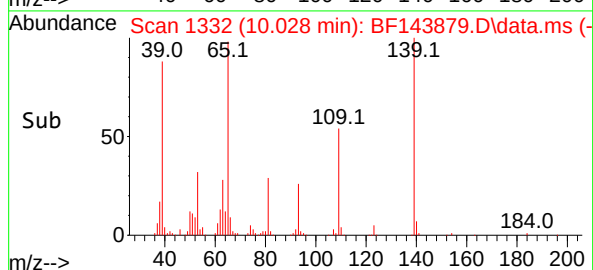
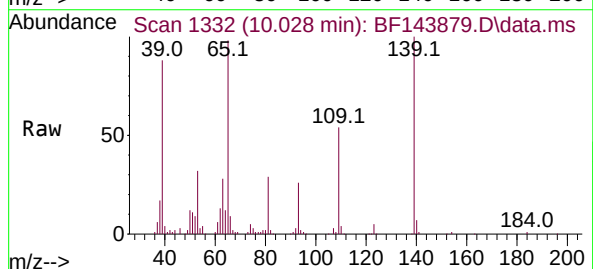
Tgt Ion:139 Resp: 121519

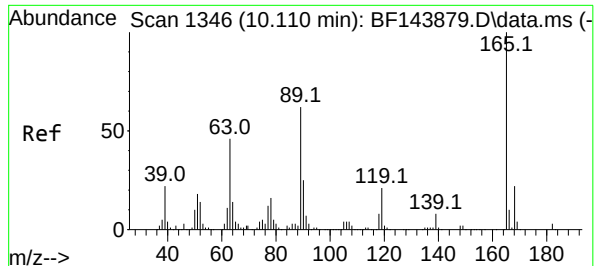
Ion Ratio Lower Upper

139 100

109 54.5 34.5 74.5

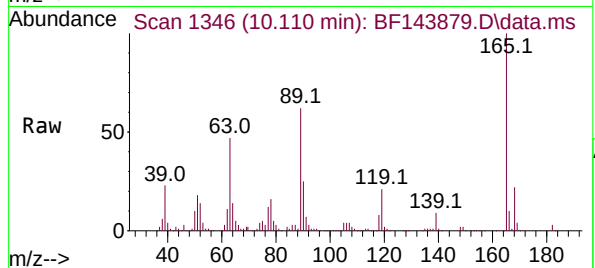
65 97.6 77.6 117.6





#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

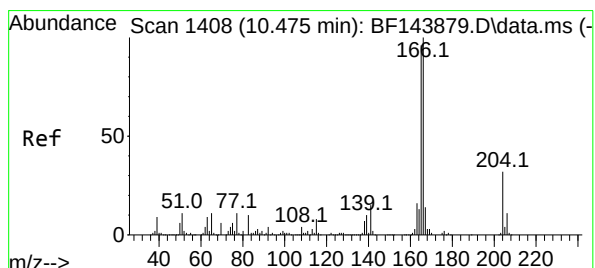
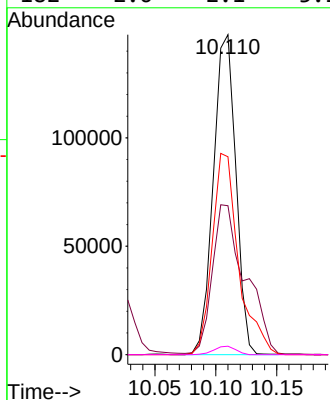
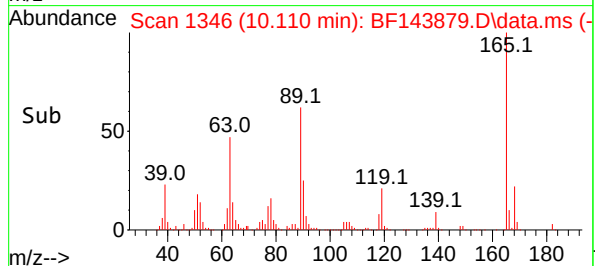
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

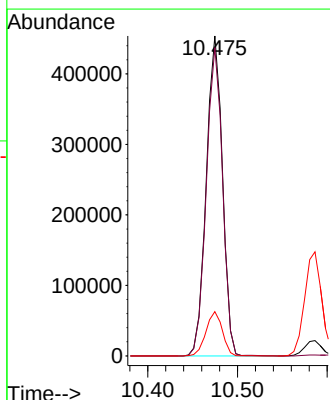
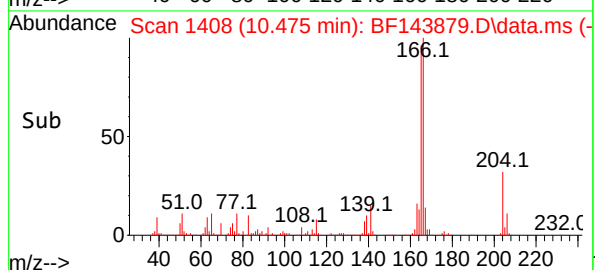
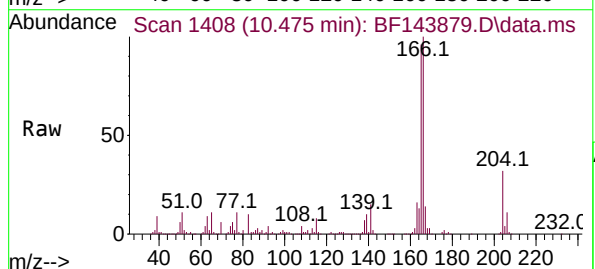
Manual Integrations
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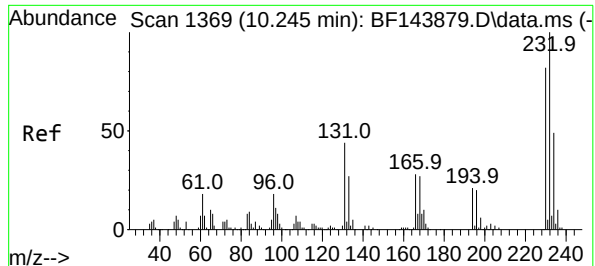
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

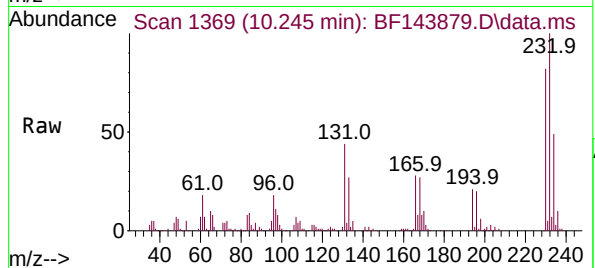
Tgt Ion:166 Resp: 570508
Ion Ratio Lower Upper
166 100
165 96.3 77.0 115.6
167 13.9 11.1 16.7





#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

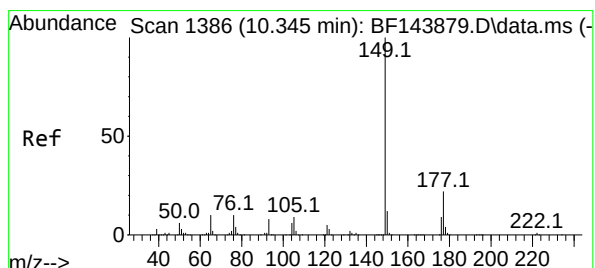
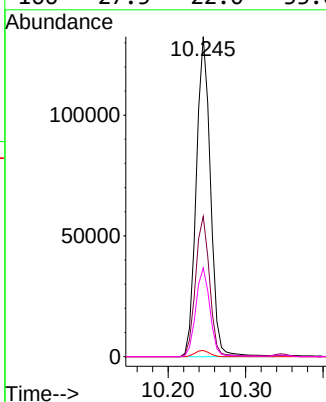
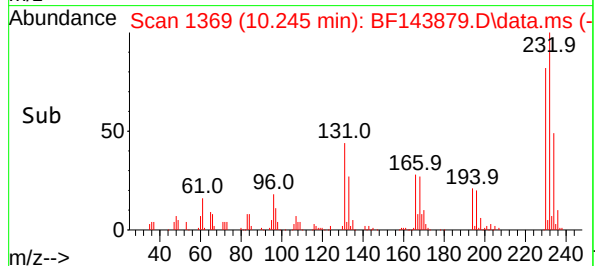
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



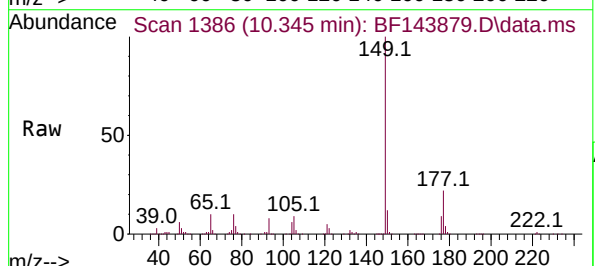
Tgt Ion:232 Resp: 168932
Ion Ratio Lower Upper
232 100
131 43.6 34.9 52.3
130 2.0 1.6 2.4
166 27.5 22.0 33.0

Manual Integrations
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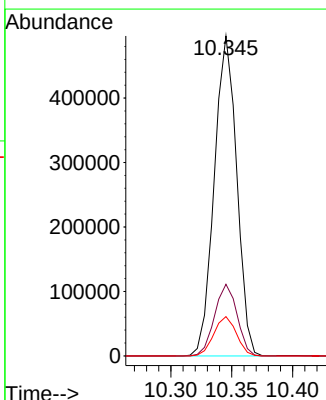
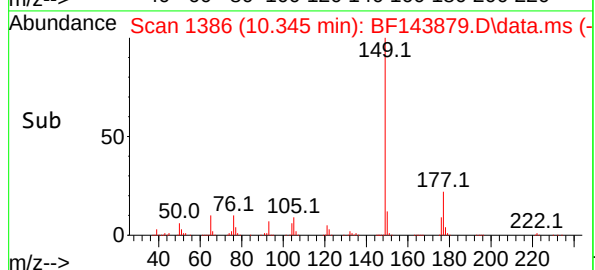
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

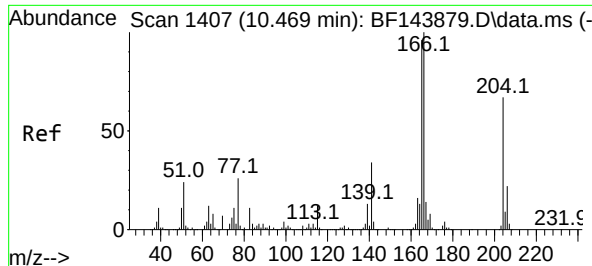


#60
Diethylphthalate
Concen: 41.422 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



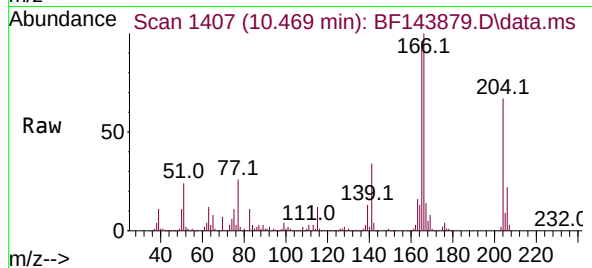
Tgt Ion:149 Resp: 635433
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.3 9.8 14.8





#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

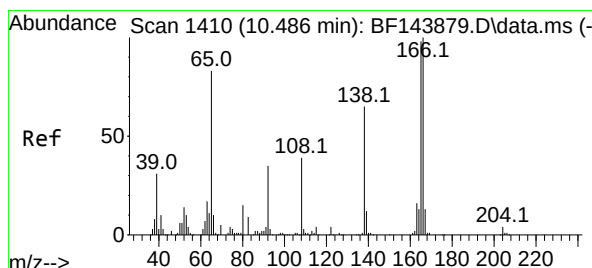
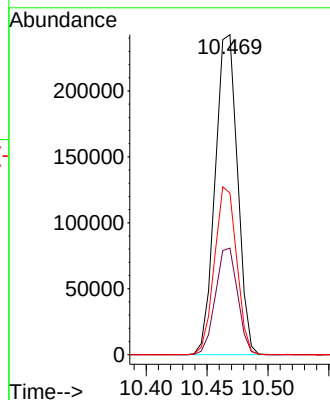
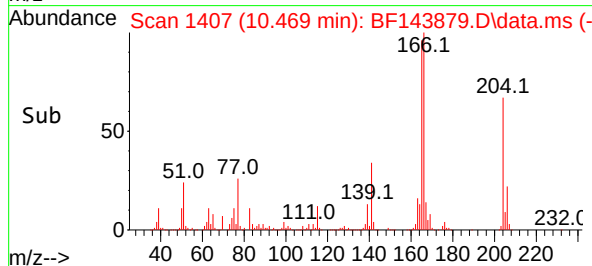
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



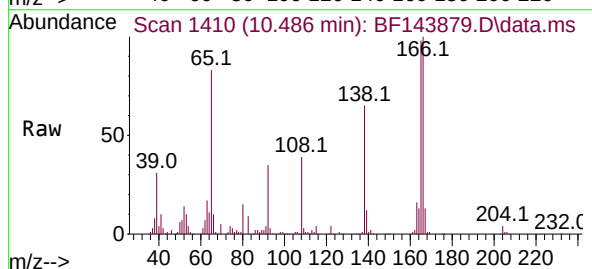
Tgt Ion:204 Resp: 310008
Ion Ratio Lower Upper
204 100
206 33.3 26.6 40.0
141 50.5 40.4 60.6

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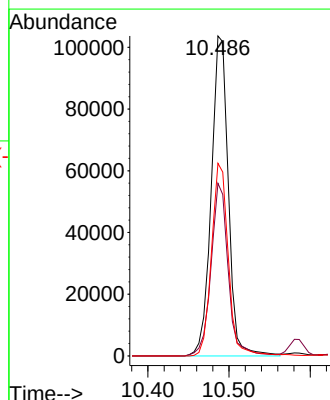
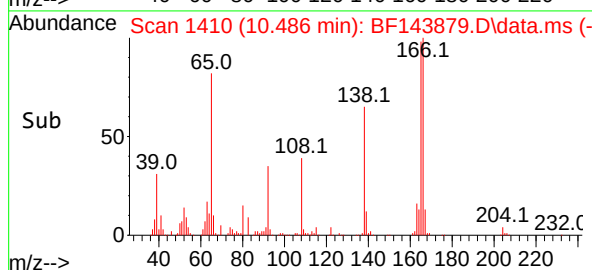
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

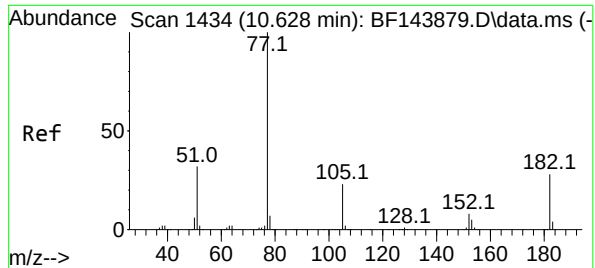


#62
4-Nitroaniline
Concen: 42.123 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



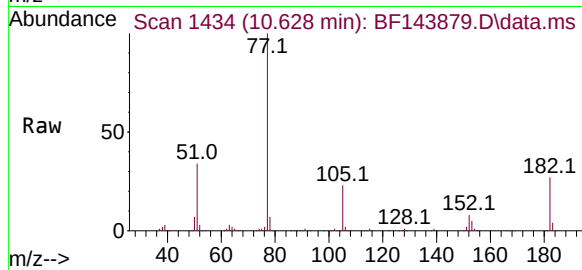
Tgt Ion:138 Resp: 151866
Ion Ratio Lower Upper
138 100
92 53.9 33.9 73.9
108 60.2 40.2 80.2





#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

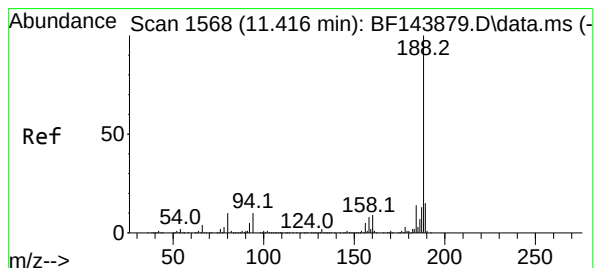
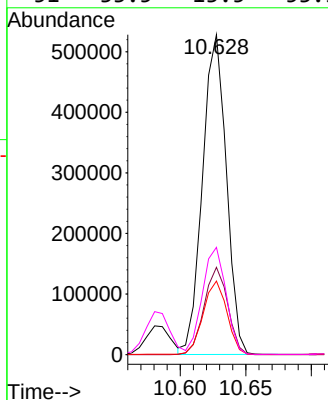
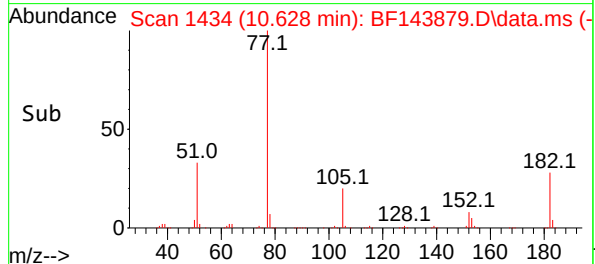
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

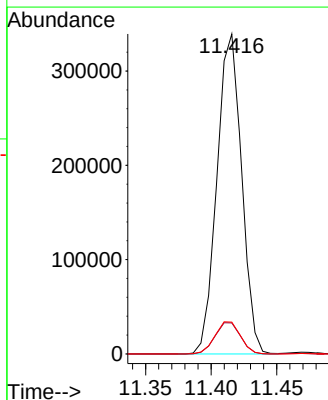
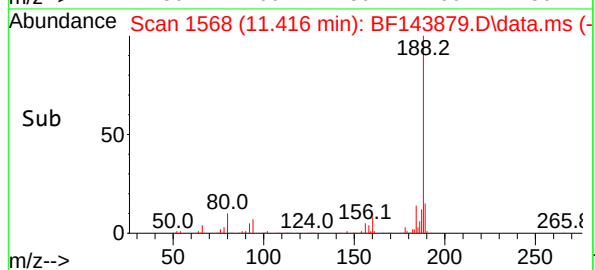
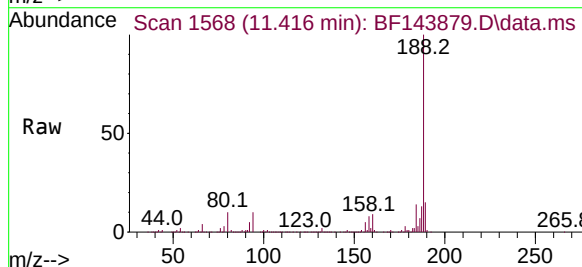
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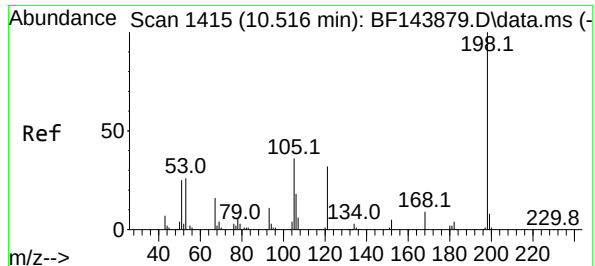
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





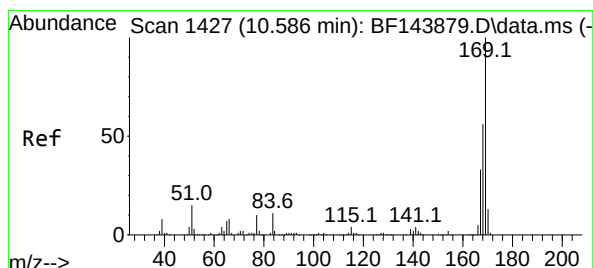
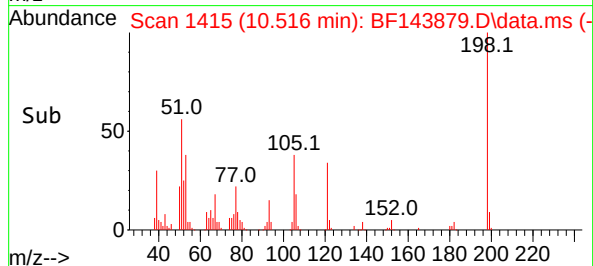
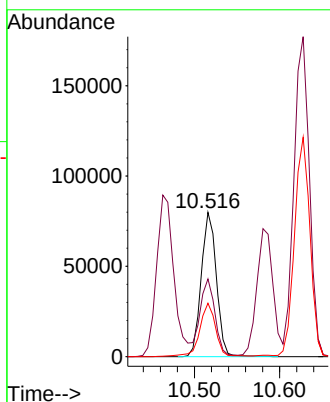
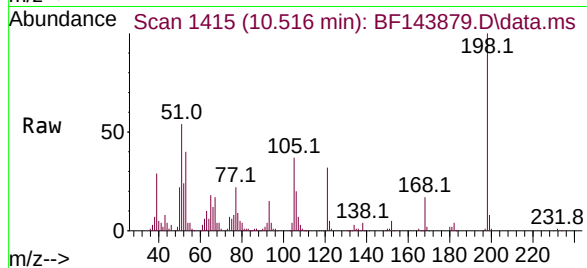
#65
4,6-Dinitro-2-methylphenol
Concen: 44.075 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 98551
Ion Ratio Lower Upper
198 100
51 53.8 33.8 73.8
105 37.0 17.0 57.0

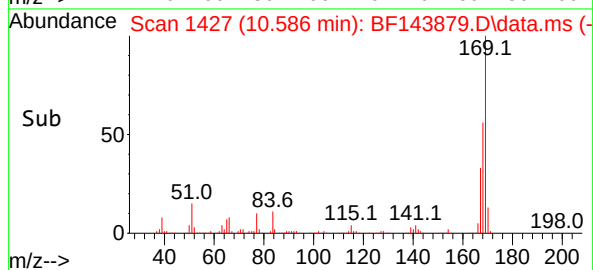
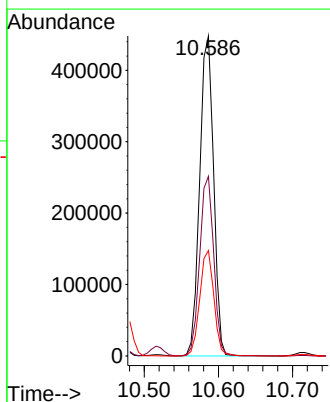
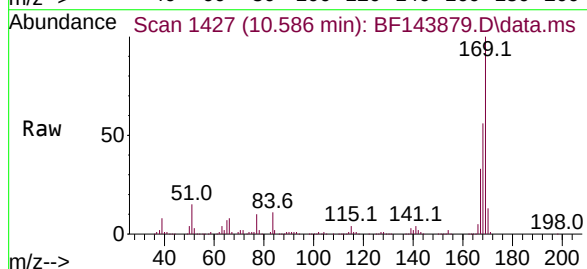
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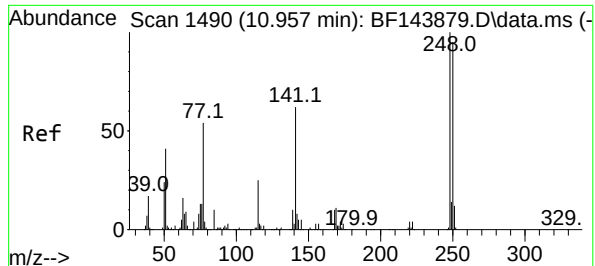
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

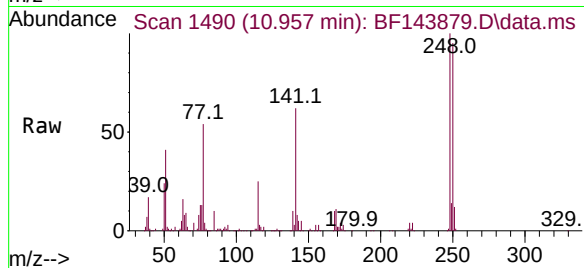
Tgt Ion:169 Resp: 583617
Ion Ratio Lower Upper
169 100
168 56.1 44.9 67.3
167 32.9 26.3 39.5





#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

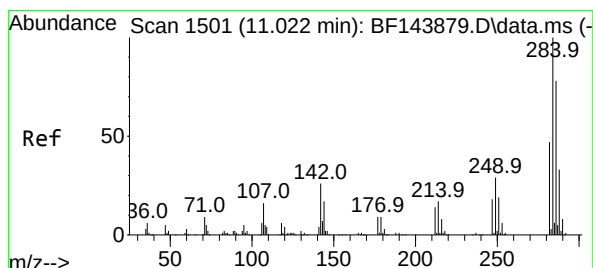
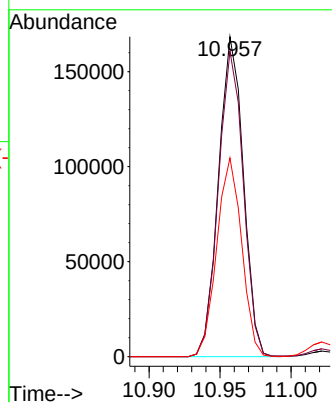
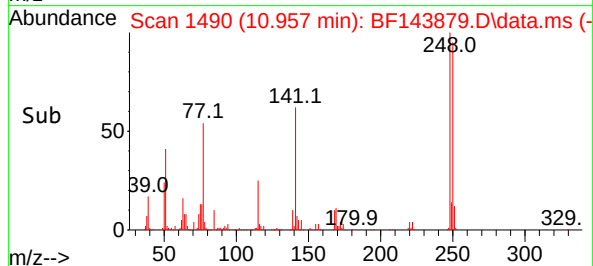
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

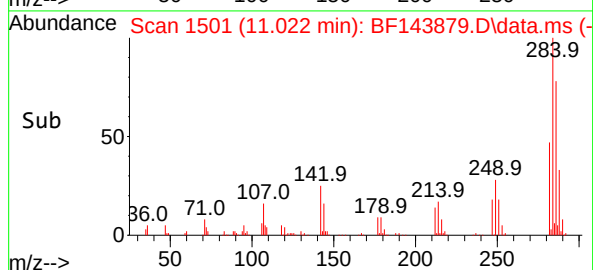
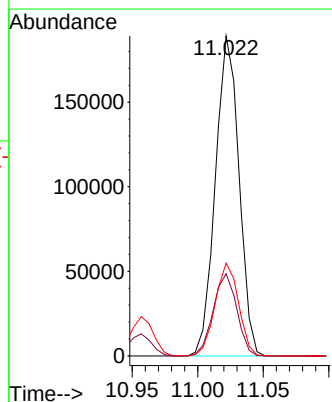
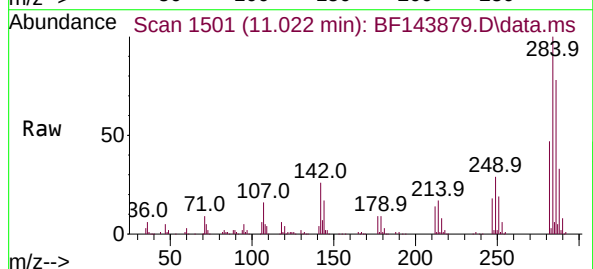
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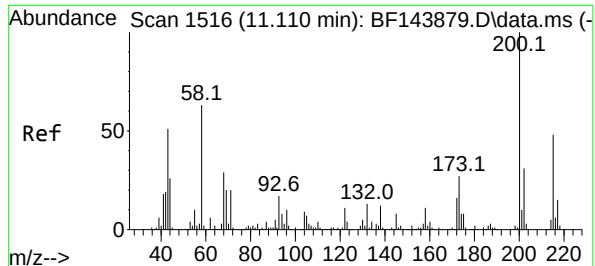
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

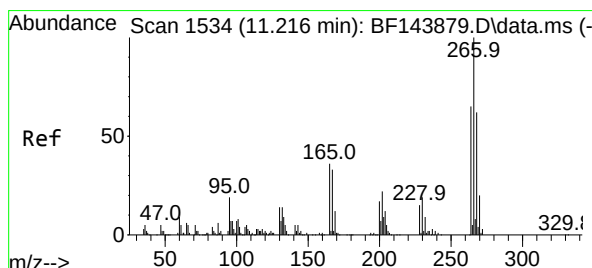
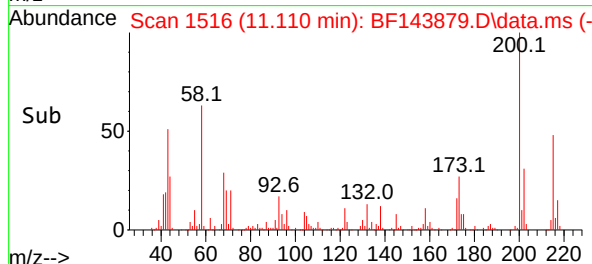
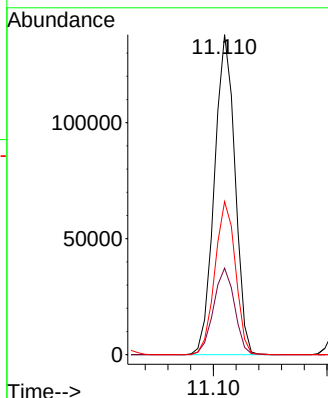
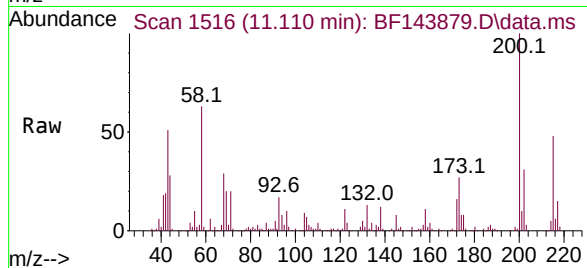
215 47.8 27.8 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

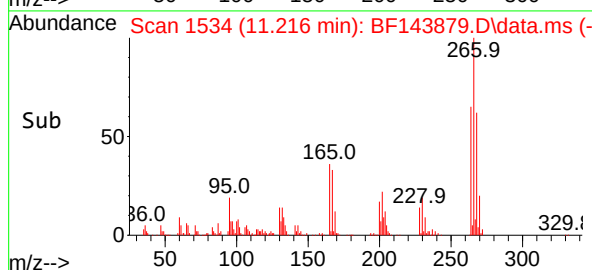
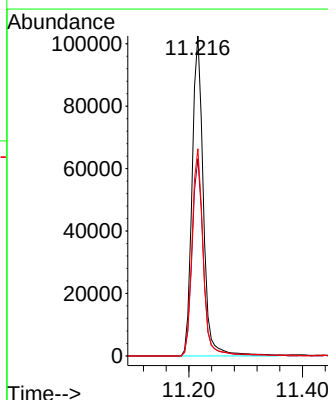
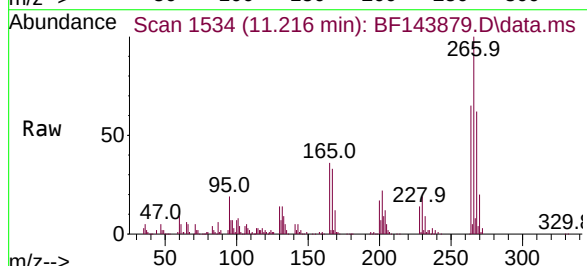
Tgt Ion:266 Resp: 140140

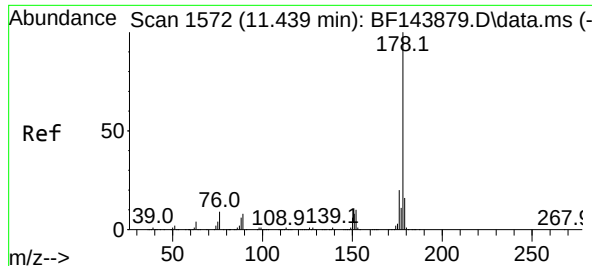
Ion Ratio Lower Upper

266 100

268 61.7 49.4 74.0

264 64.7 51.8 77.6





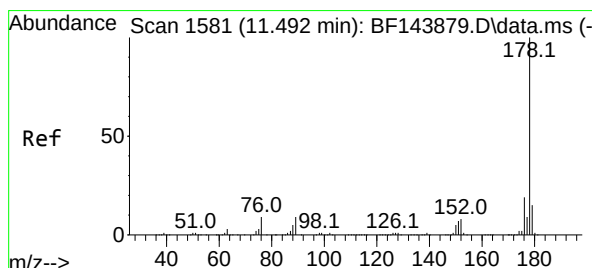
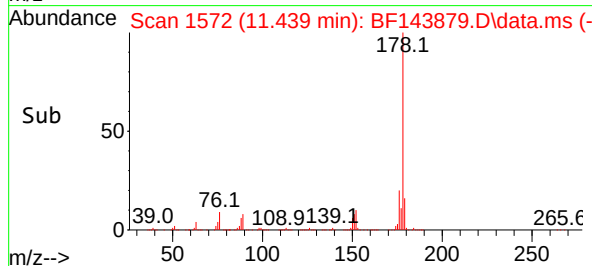
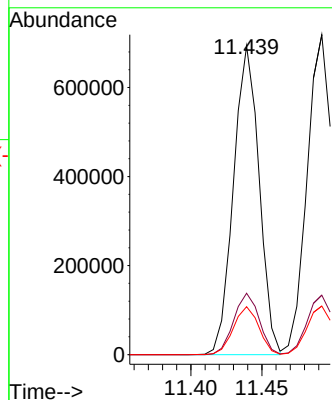
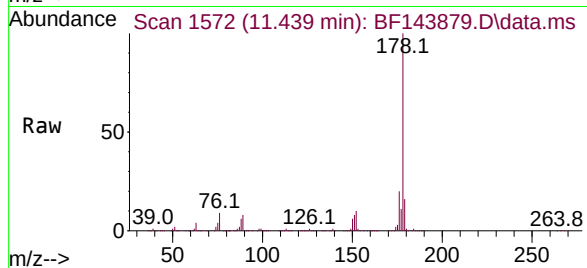
#71
Phenanthrene
Concen: 40.266 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

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

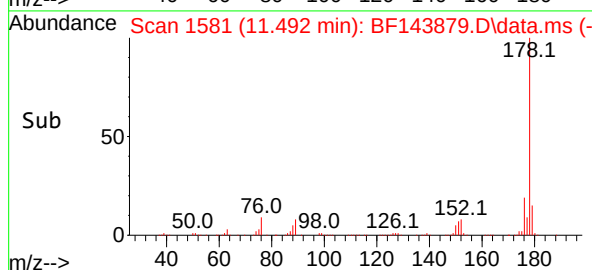
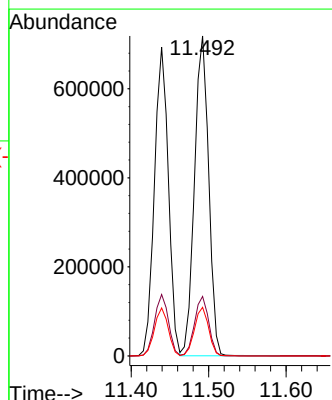
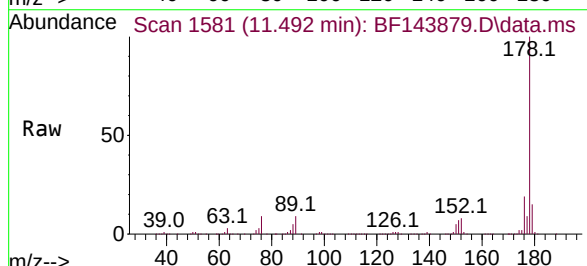
Manual Integrations
APPROVED

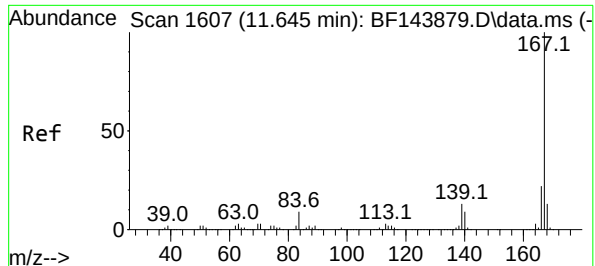
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

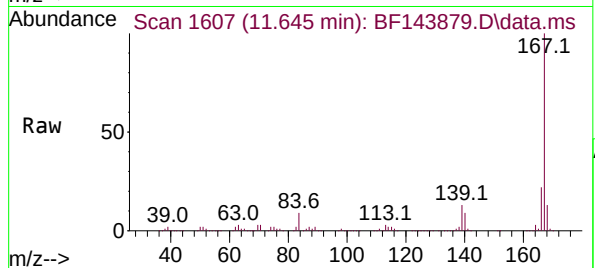
Tgt Ion:178 Resp: 912011
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.2 12.2 18.2





#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

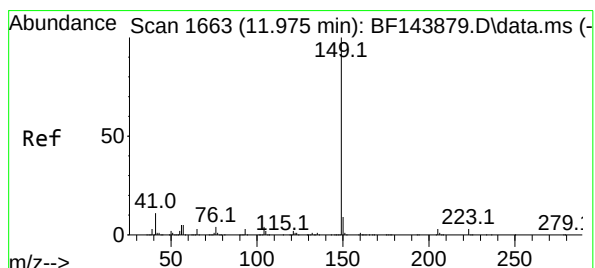
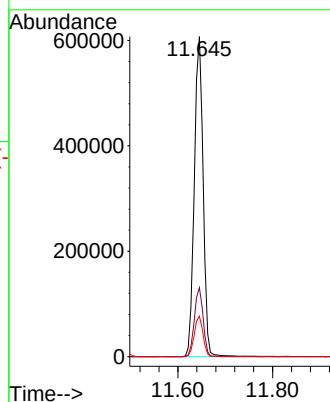
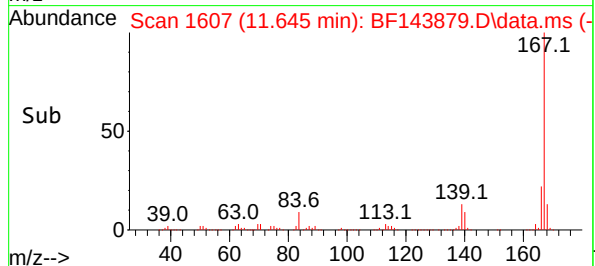
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



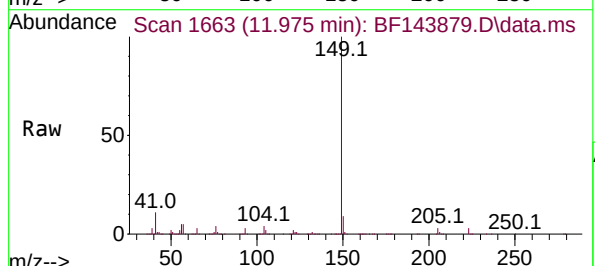
Tgt Ion:167 Resp: 786783
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.6 10.1 15.1

Manual Integrations
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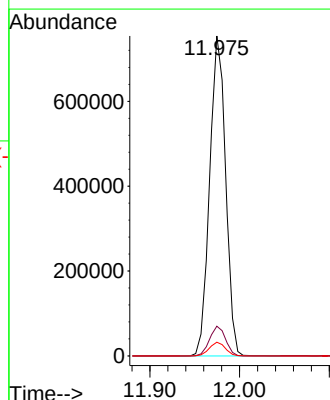
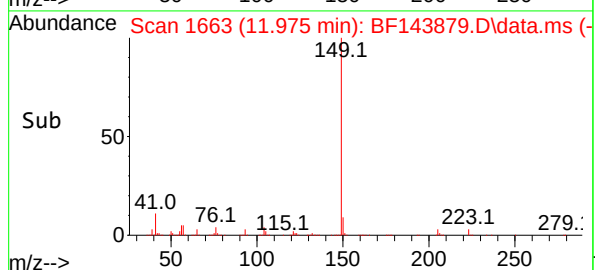
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

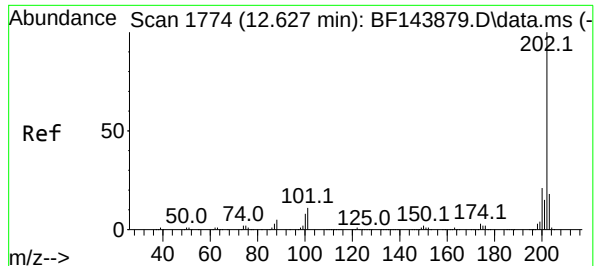


#74
Di-n-butylphthalate
Concen: 41.884 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



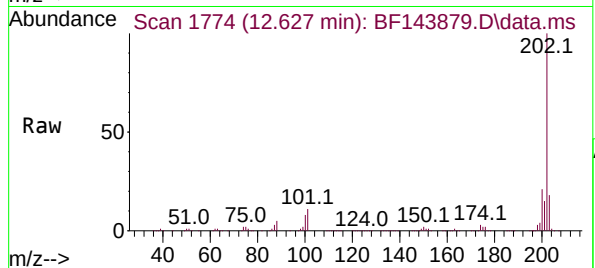
Tgt Ion:149 Resp: 936899
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.3 3.4 5.2





#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

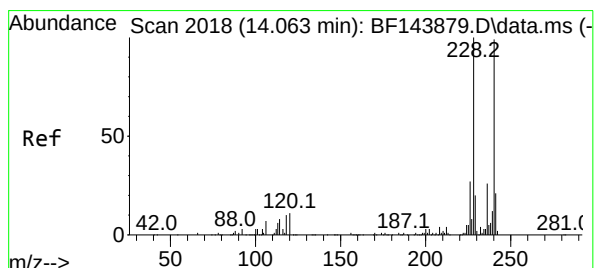
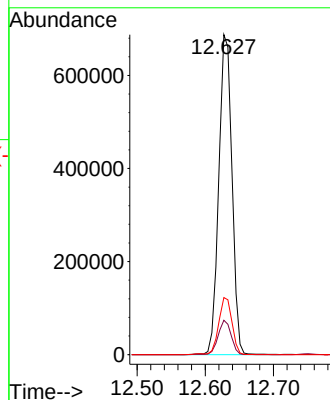
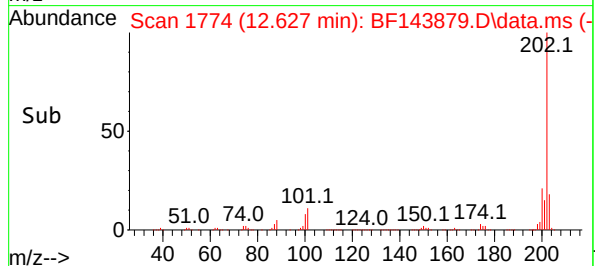
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

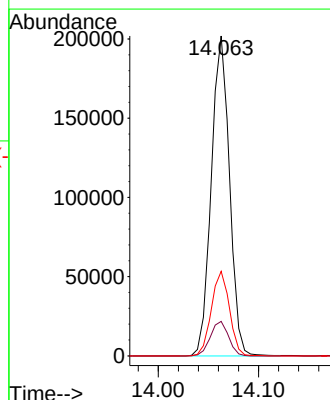
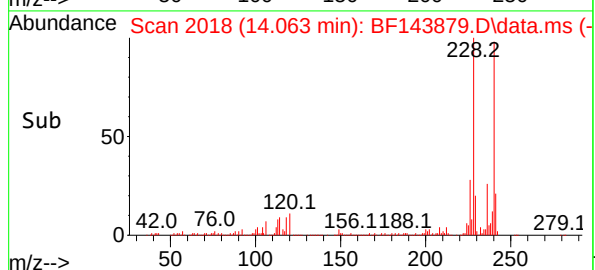
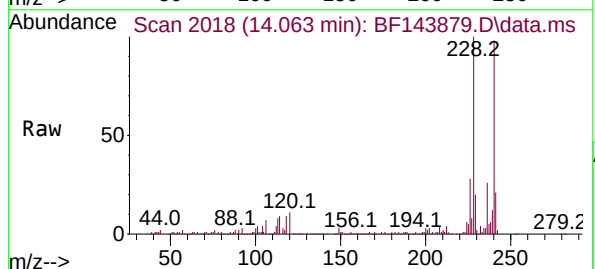
Manual Integrations
APPROVED

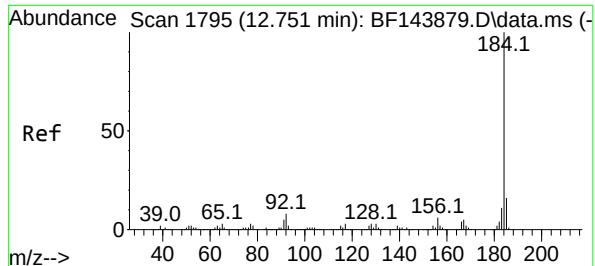
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

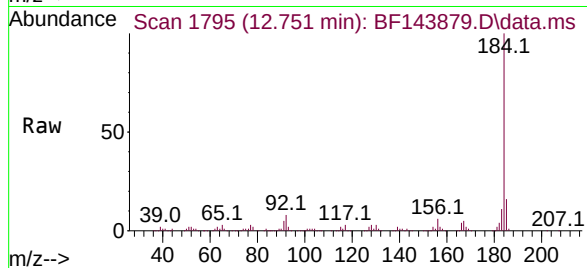
Tgt Ion:240 Resp: 254576
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.4 21.1 31.7





#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

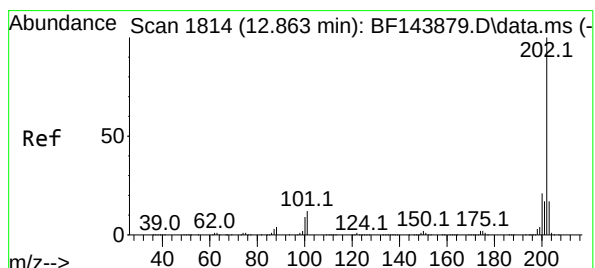
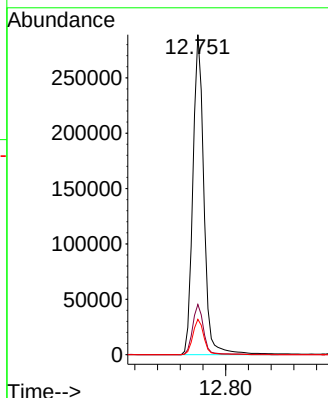
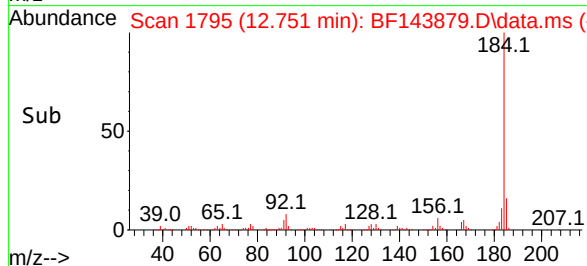
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

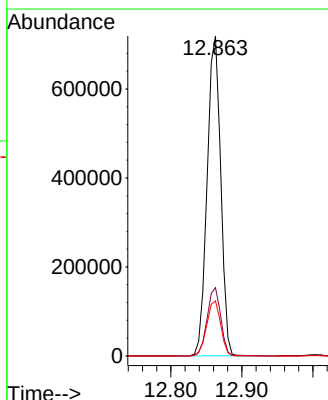
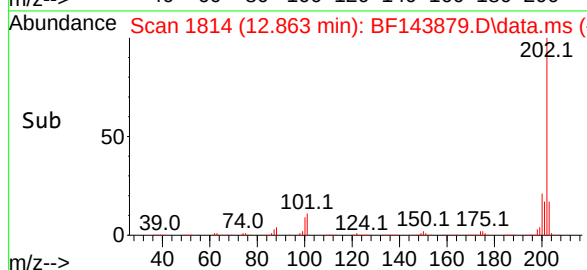
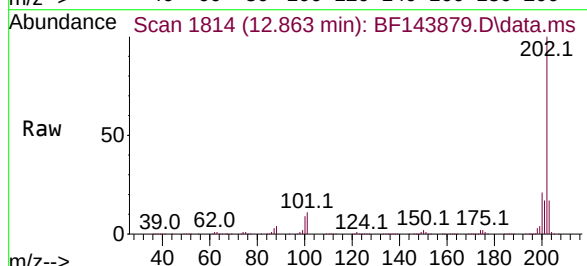
Manual Integrations
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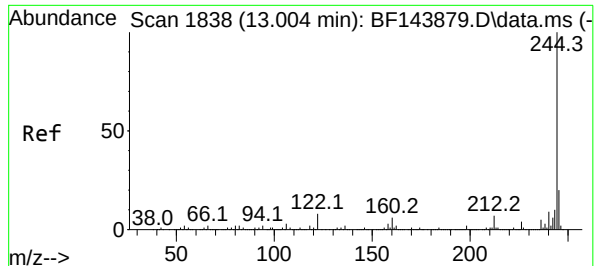
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

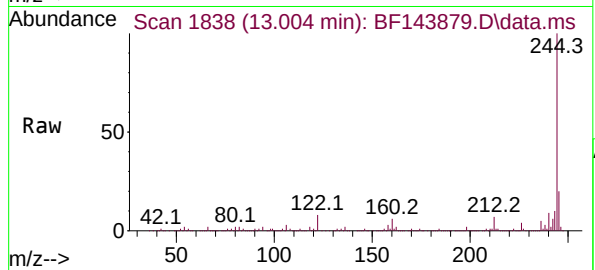
Acq: 06 Oct 2025 12:54

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



Tgt Ion:244 Resp: 1302632

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

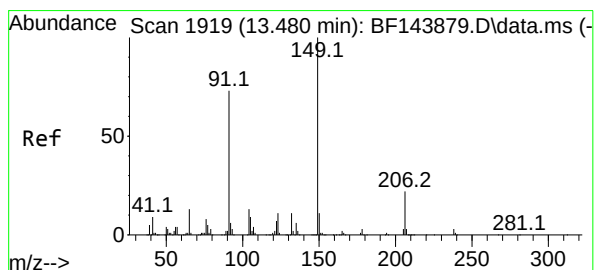
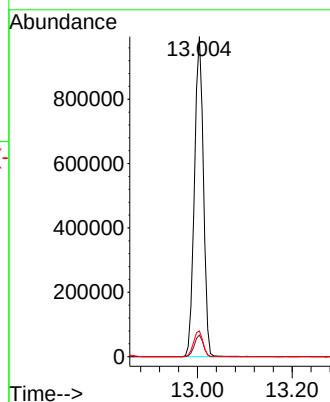
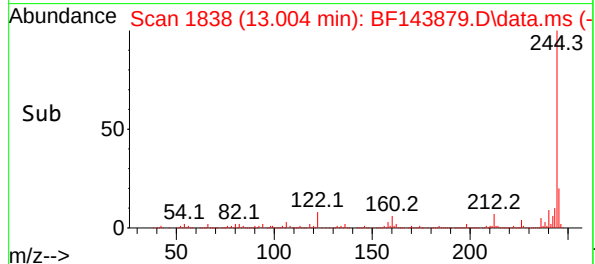
122 8.0 6.4 9.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

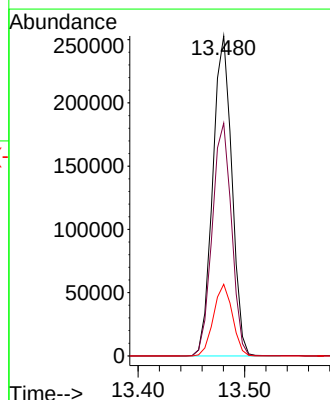
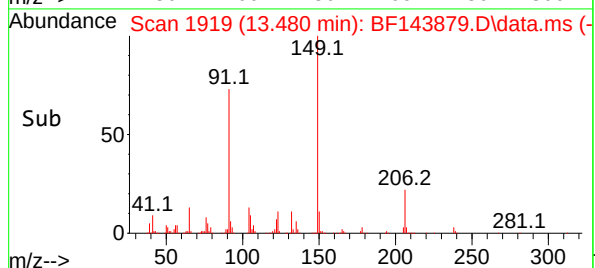
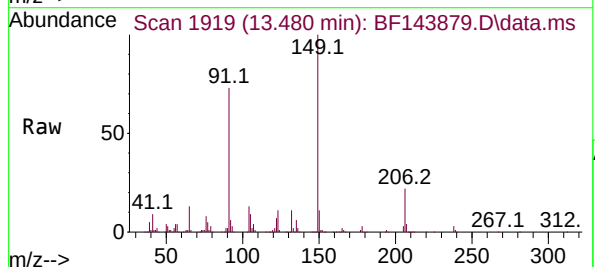
Tgt Ion:149 Resp: 315716

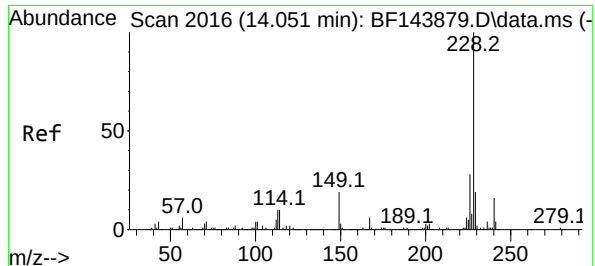
Ion Ratio Lower Upper

149 100

91 72.7 58.2 87.2

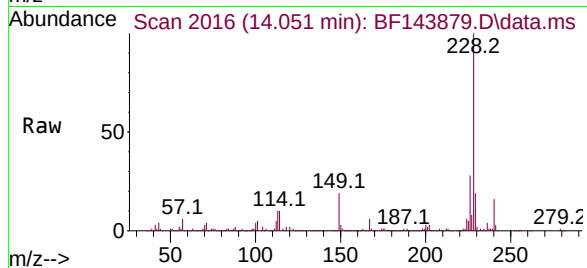
206 22.4 17.9 26.9





#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

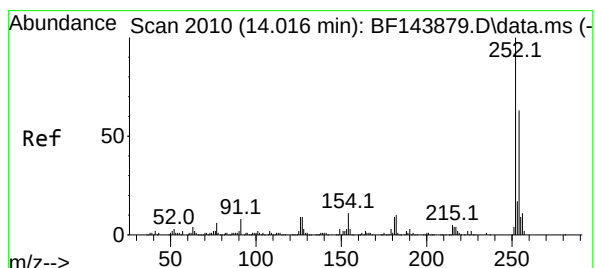
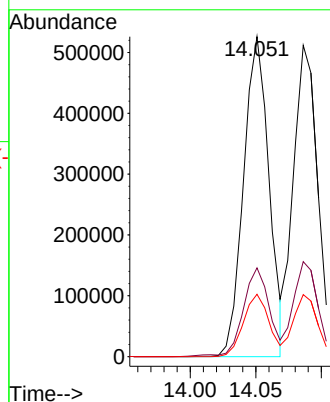
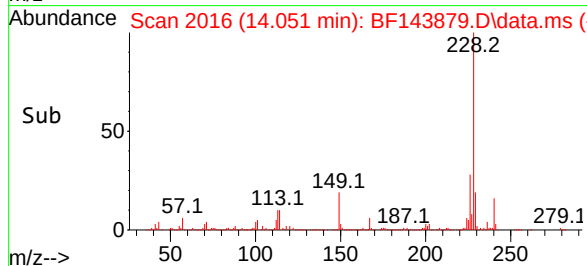
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



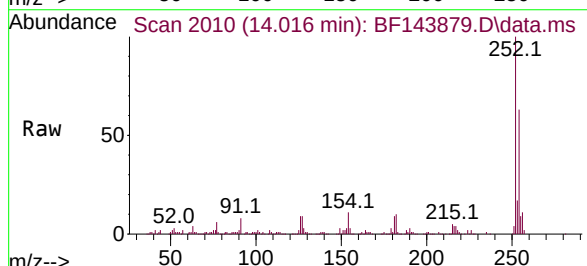
Tgt Ion:228 Resp: 711609
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 19.5 15.6 23.4

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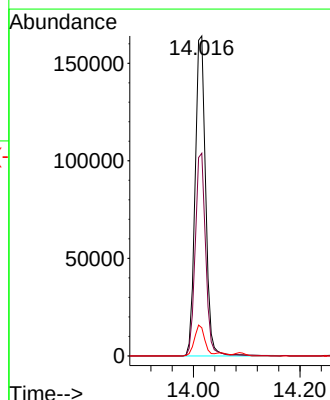
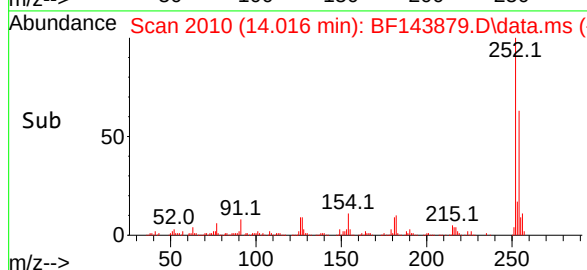
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

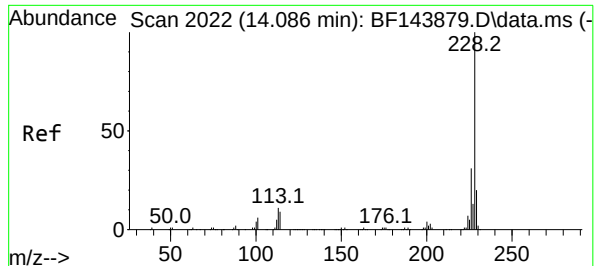


#82
3,3'-Dichlorobenzidine
Concen: 44.135 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54



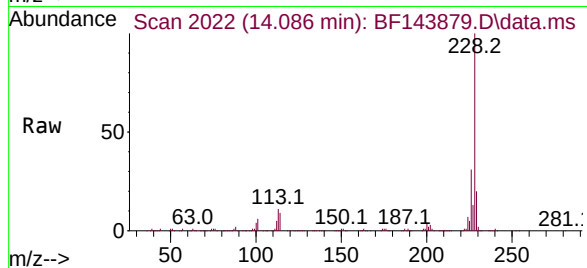
Tgt Ion:252 Resp: 224071
Ion Ratio Lower Upper
252 100
254 63.3 50.6 76.0
126 8.8 7.0 10.6





#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

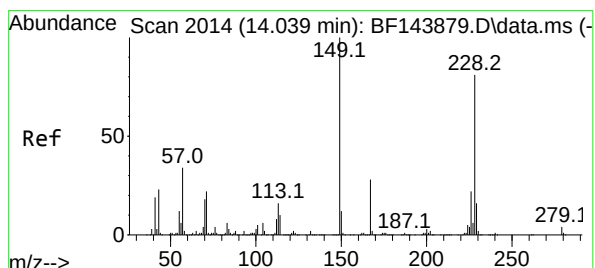
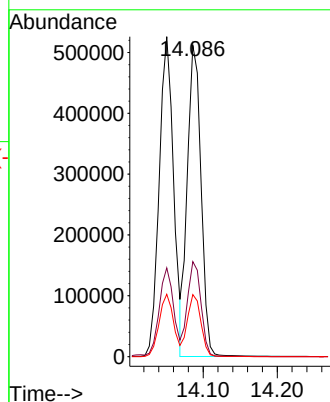
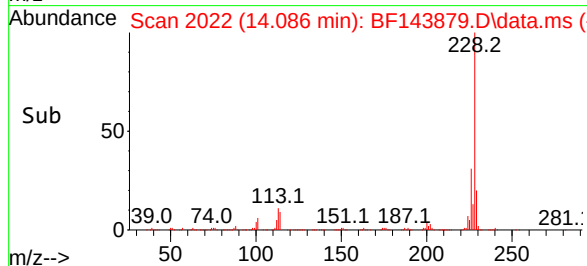
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

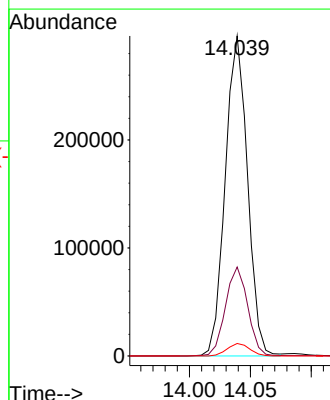
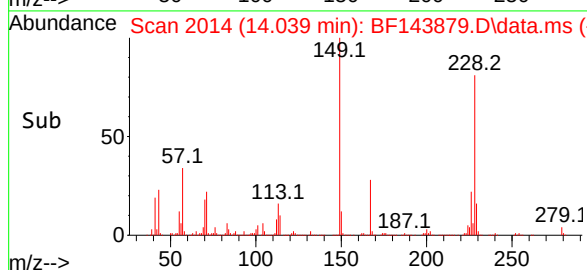
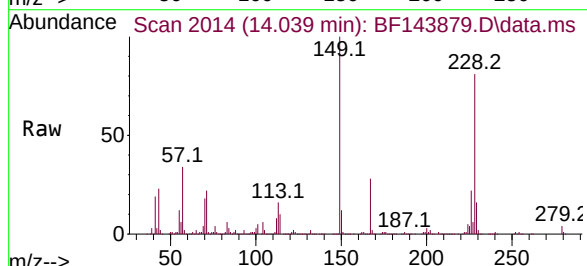
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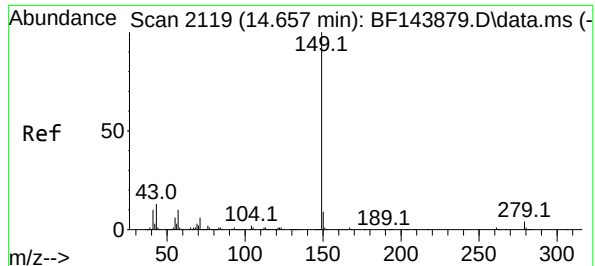
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

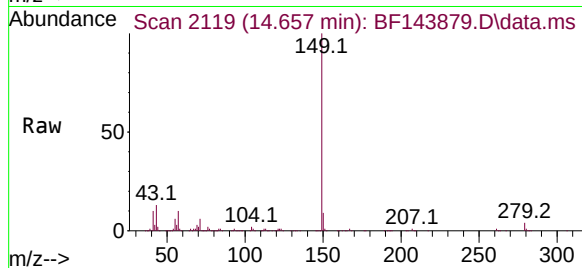
Tgt Ion:149 Resp: 376273
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.4
279 3.9 3.1 4.7





#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

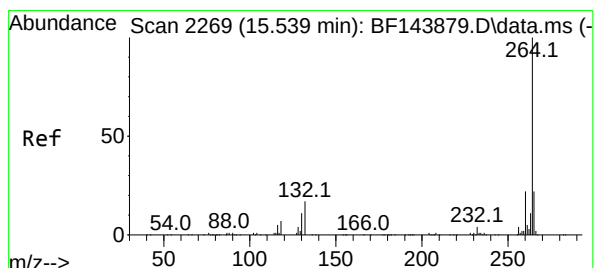
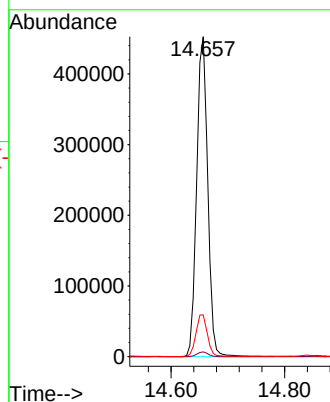
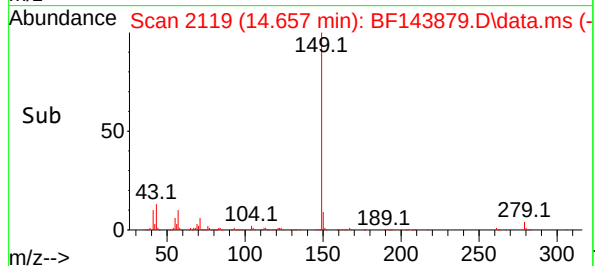
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

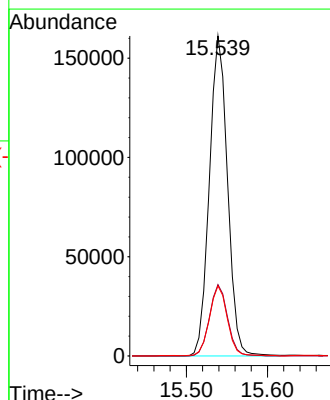
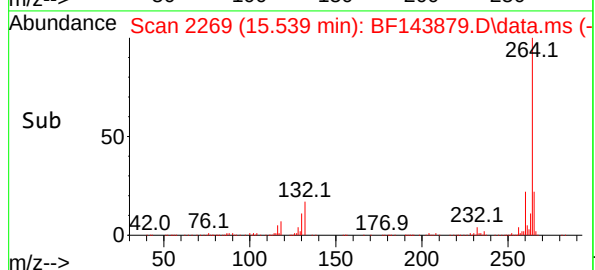
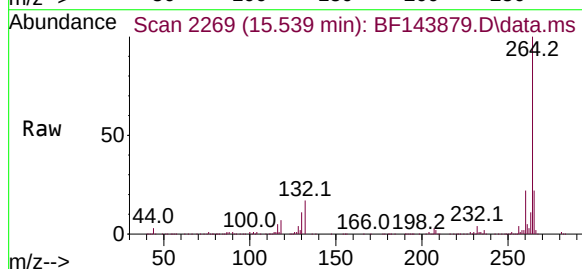
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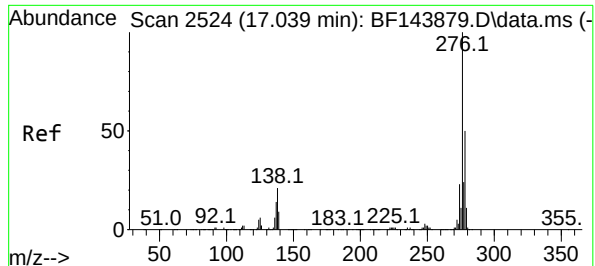
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

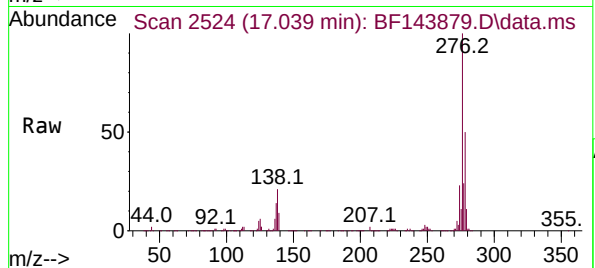
Tgt Ion:264 Resp: 250969
Ion Ratio Lower Upper
264 100
260 22.3 17.8 26.8
265 21.9 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.470 ng
RT: 17.039 min Scan# 2195
Delta R.T. -0.017 min
Lab File: BF143879.D
Acq: 06 Oct 2025 12:54

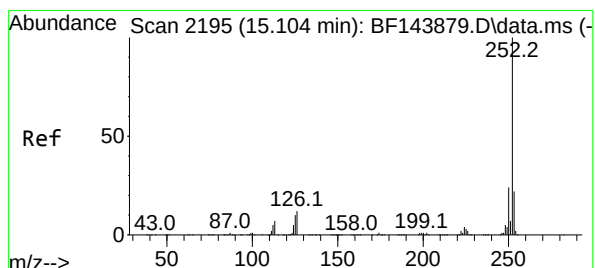
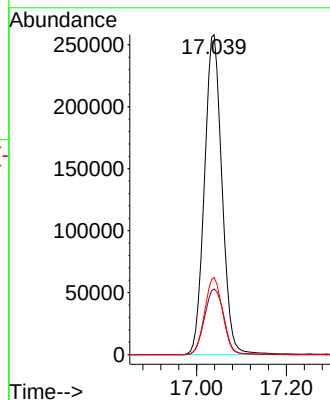
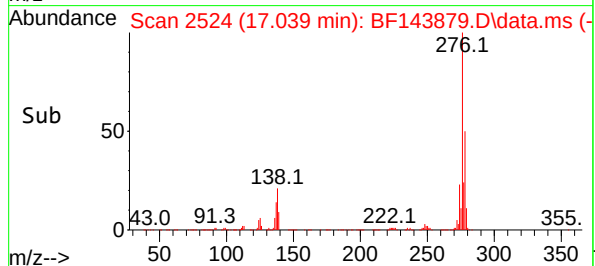
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

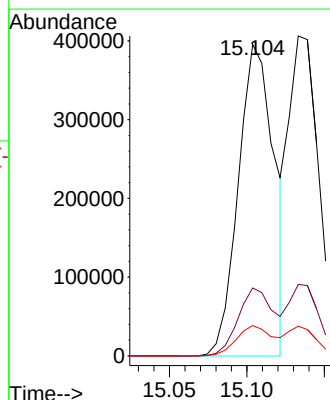
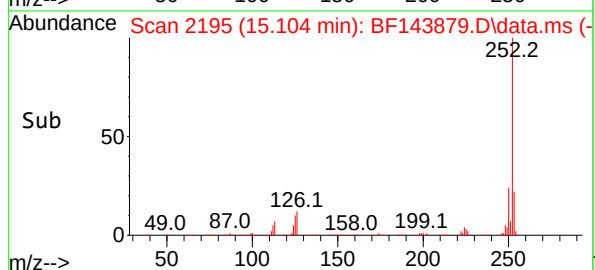
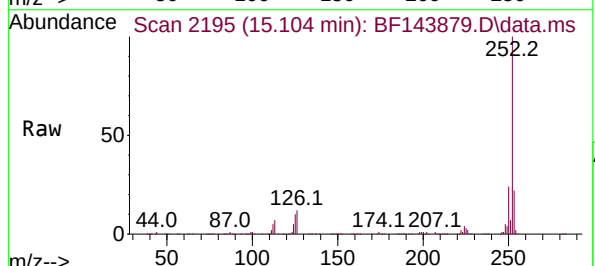
Manual Integrations
APPROVED

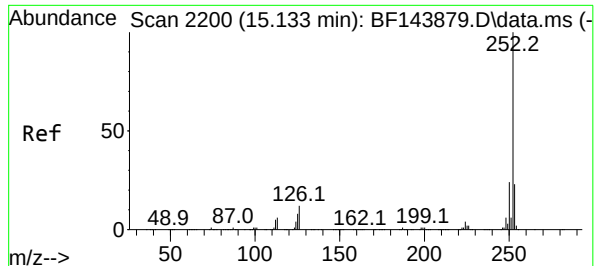
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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: 55611

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

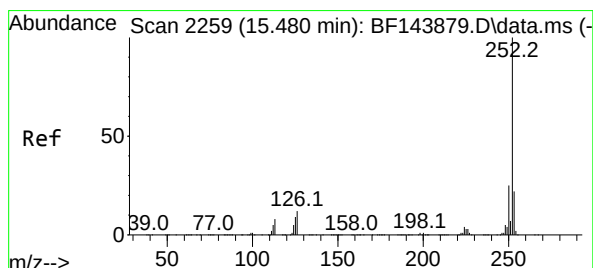
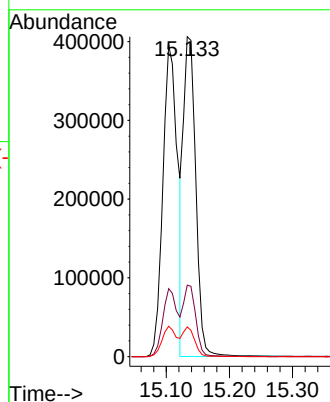
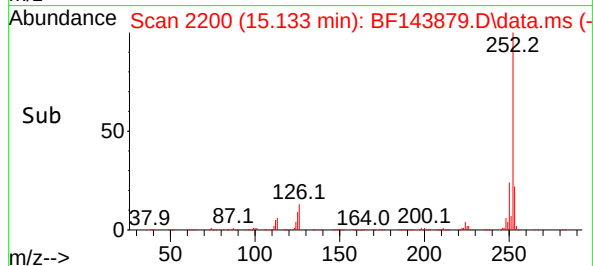
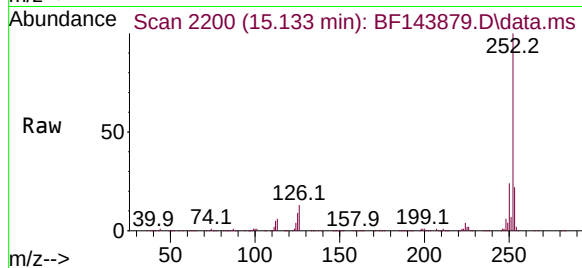
125 9.3 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

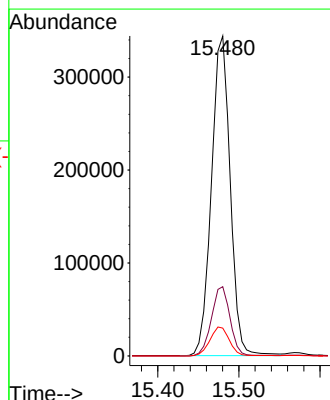
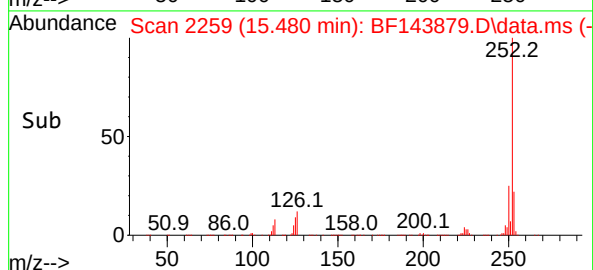
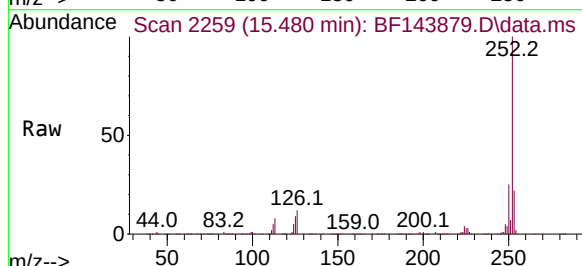
Tgt Ion:252 Resp: 553098

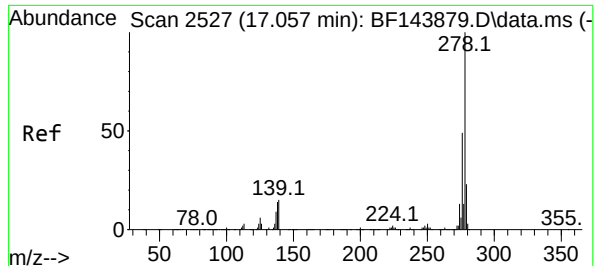
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

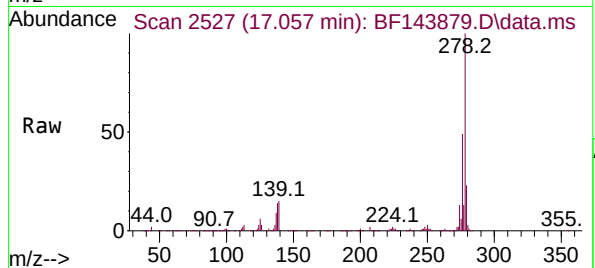
125 8.7 7.0 10.4





#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

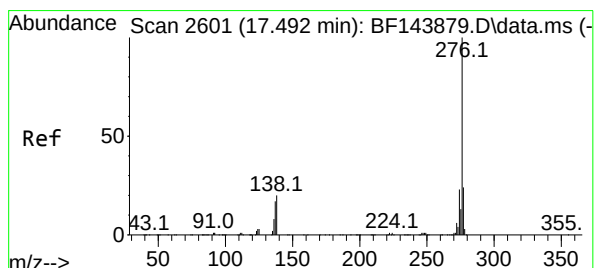
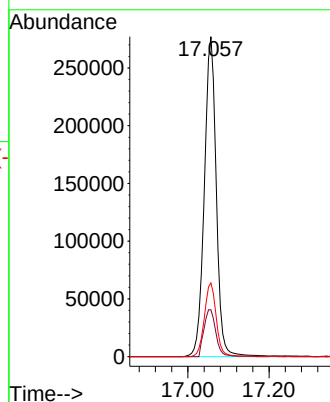
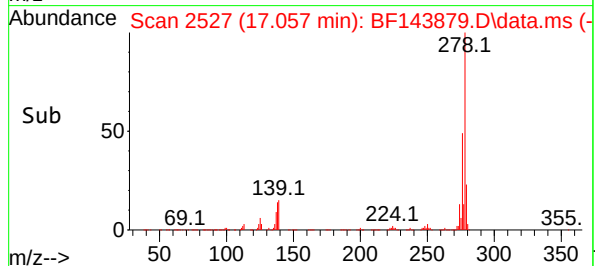
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



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

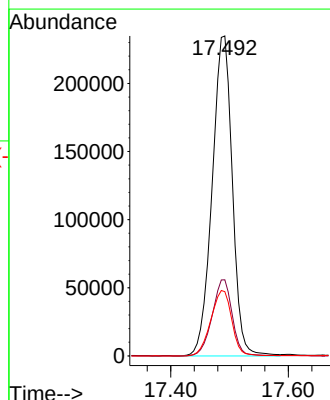
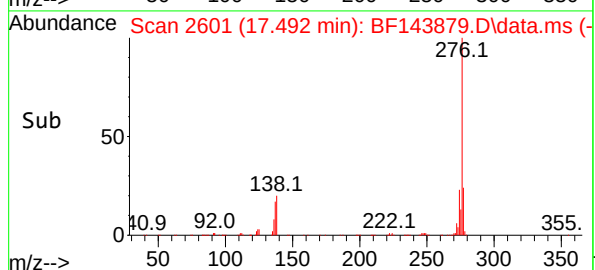
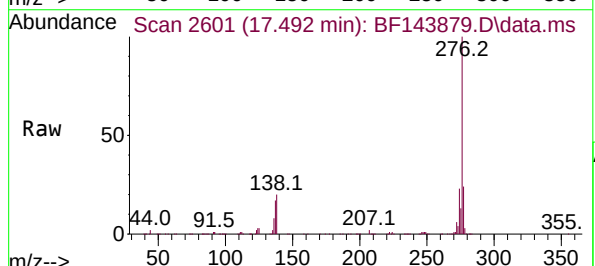
Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

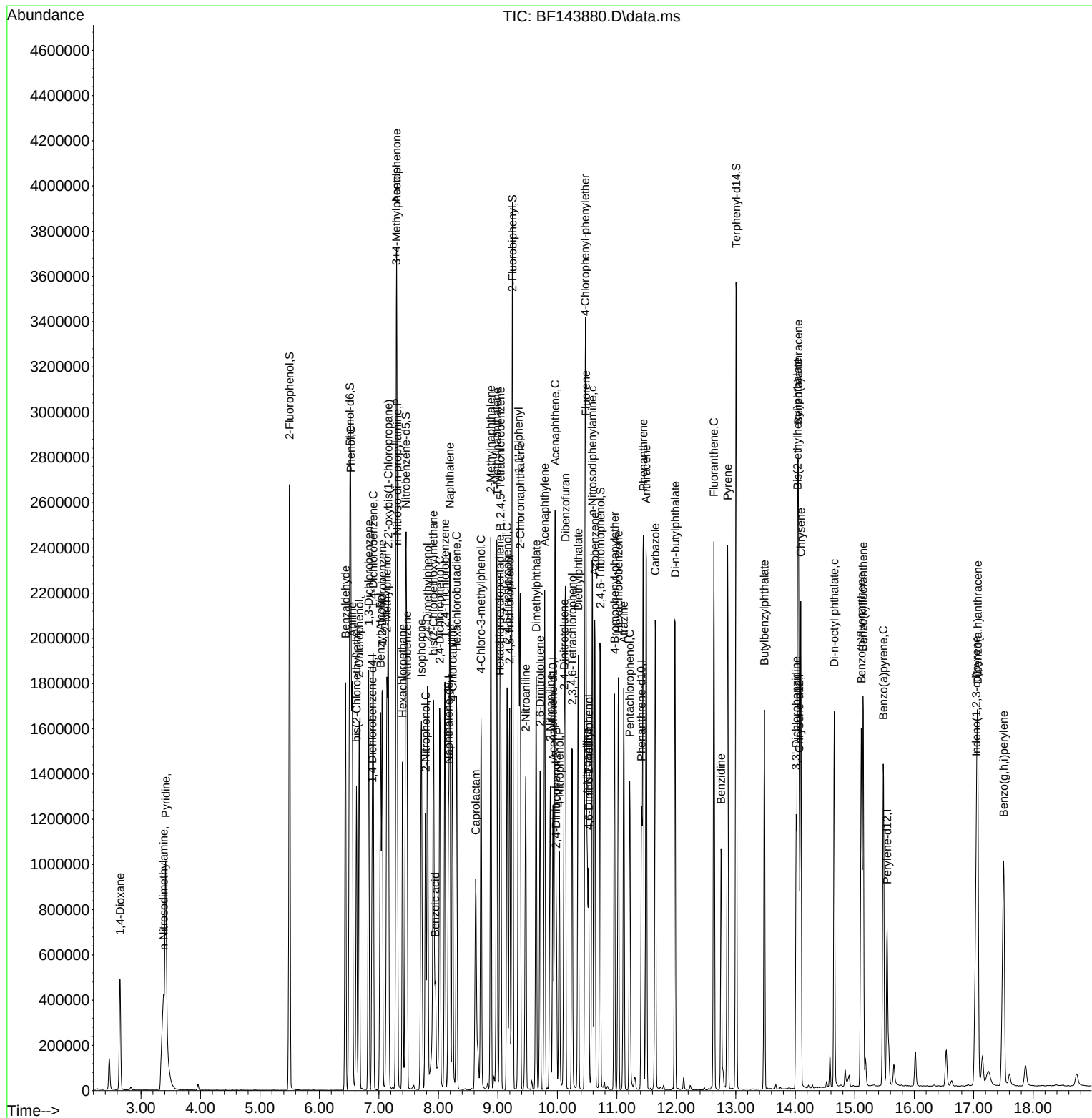
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	395213	47.031	ng	99
46) 1,1'-Biphenyl	9.351	154	1116775	42.837	ng	99
47) 2-Chloronaphthalene	9.375	162	972675	44.748	ng	98
48) 2-Nitroaniline	9.469	65	348179	50.665	ng	96
49) Acenaphthylene	9.786	152	1364193	44.642	ng	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

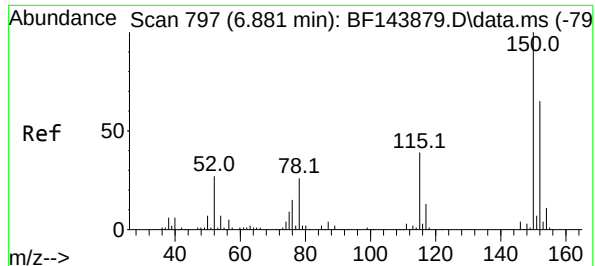
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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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

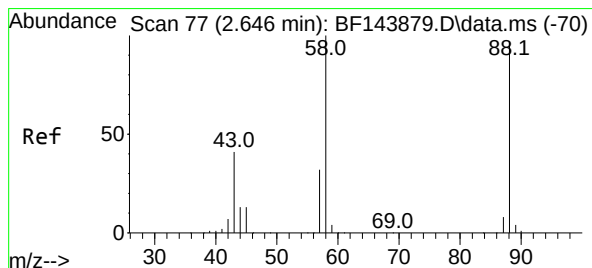
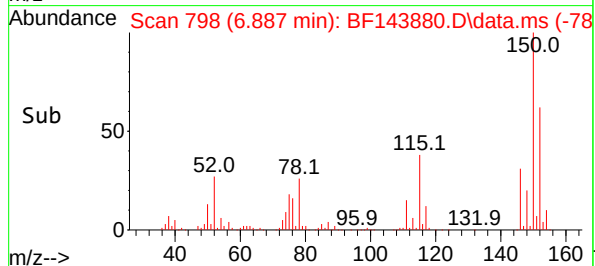
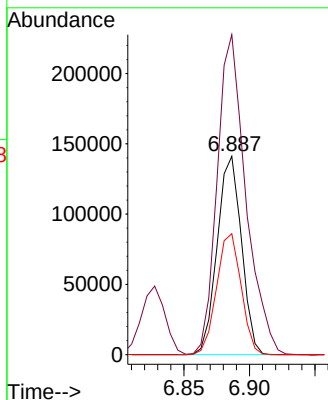
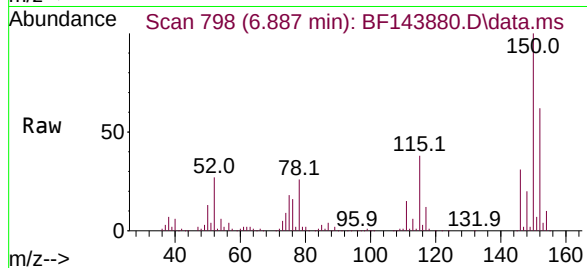




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

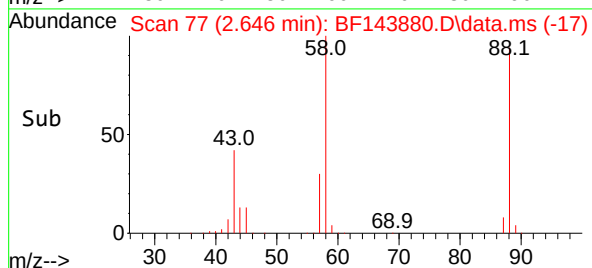
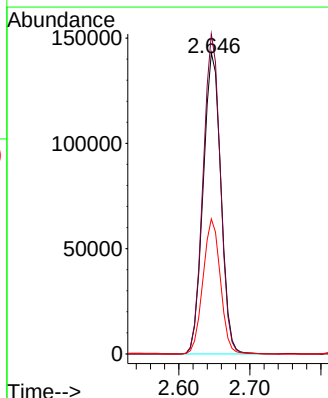
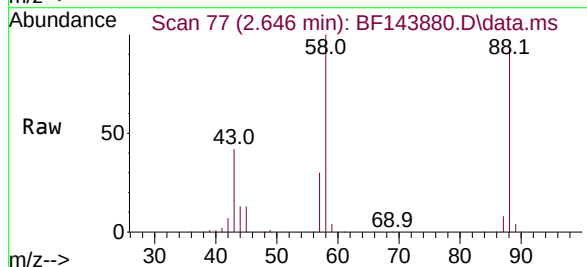
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

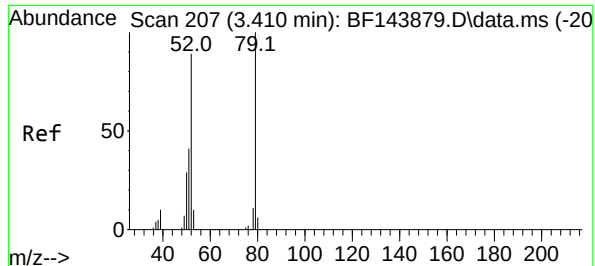
Tgt Ion:152 Resp: 182011
Ion Ratio Lower Upper
152 100
150 161.3 124.4 186.6
115 60.9 48.1 72.1



#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

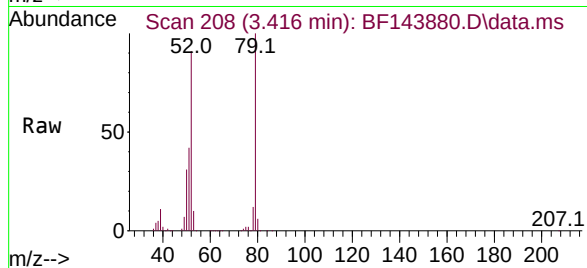
Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



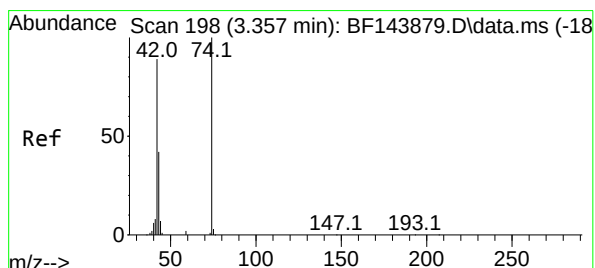
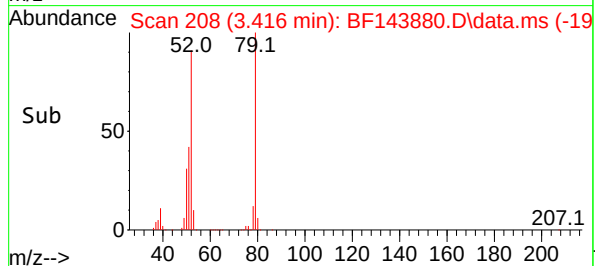
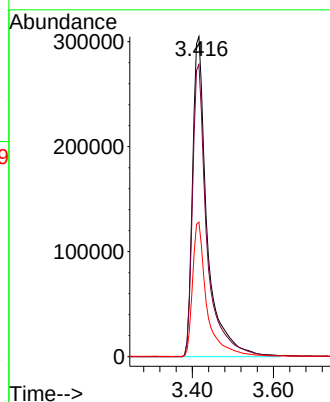
Tgt Ion: 79 Resp: 759117

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

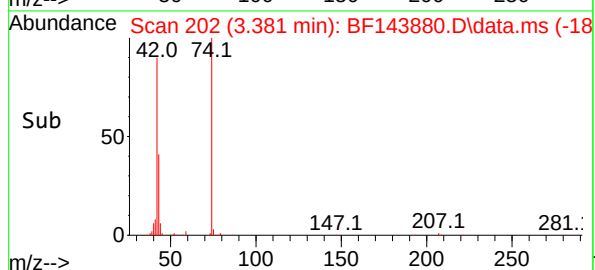
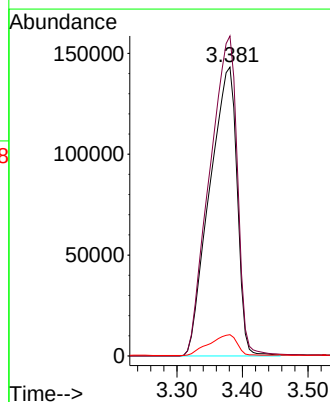
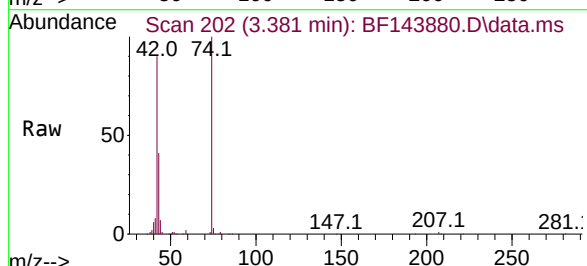
Tgt Ion: 42 Resp: 417134

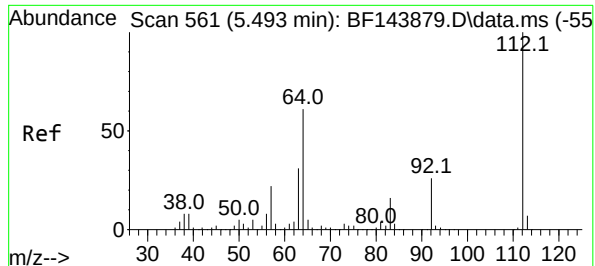
Ion Ratio Lower Upper

42 100

74 110.8 90.0 135.0

44 7.3 6.2 9.2

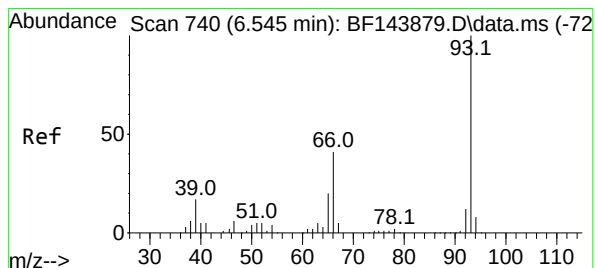
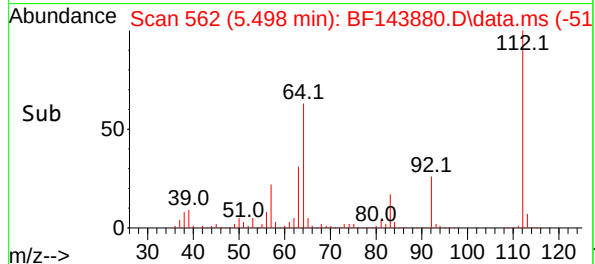
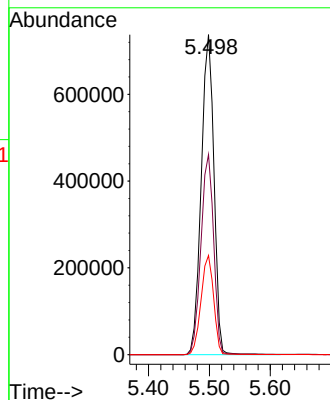
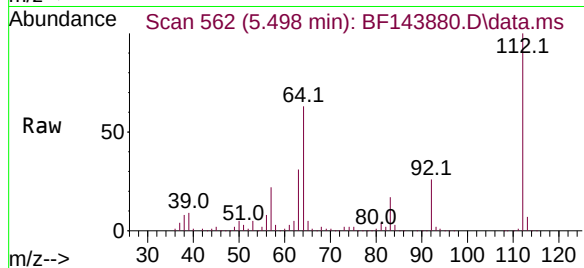




#5
2-Fluorophenol
Concen: 93.138 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

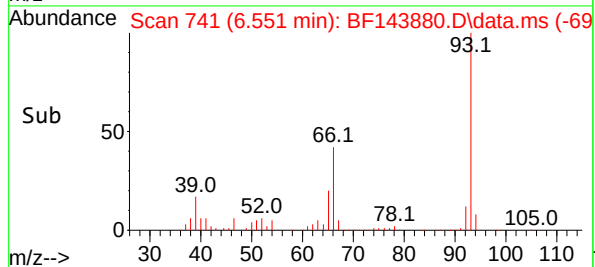
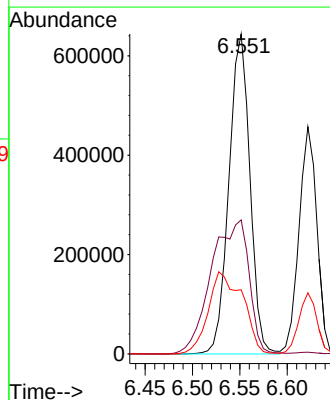
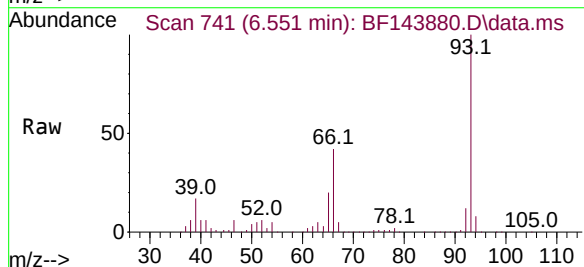
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

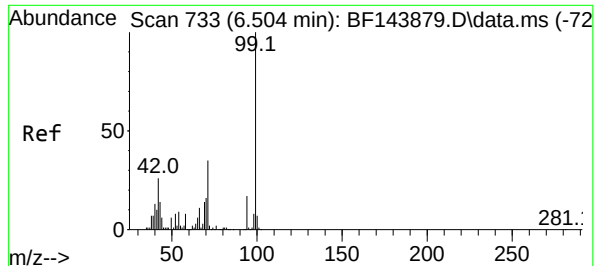
Tgt Ion:112 Resp: 1067519
Ion Ratio Lower Upper
112 100
64 62.5 49.1 73.7
63 31.0 24.5 36.7



#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

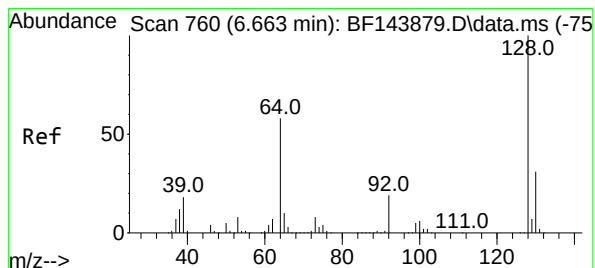
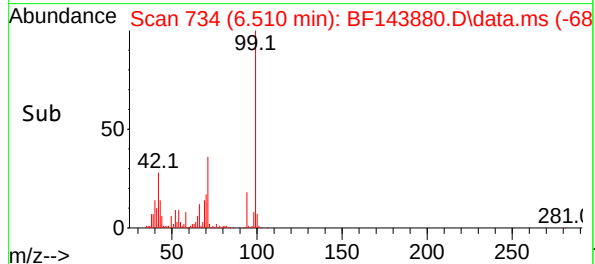
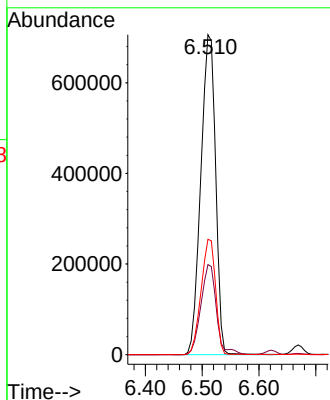
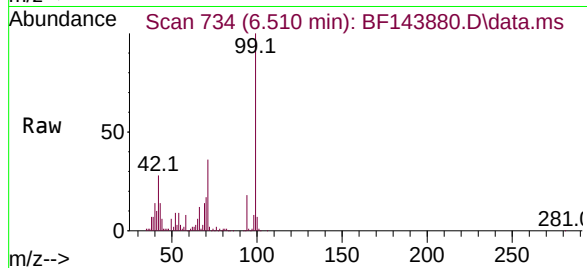




#7
Phenol-d6
Concen: 93.519 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

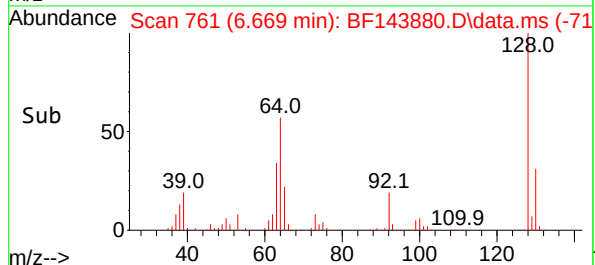
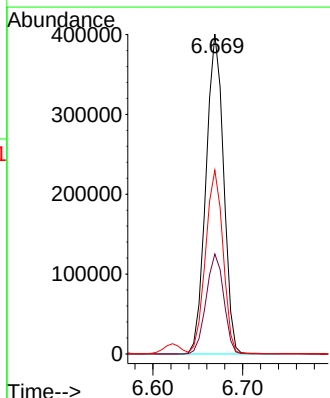
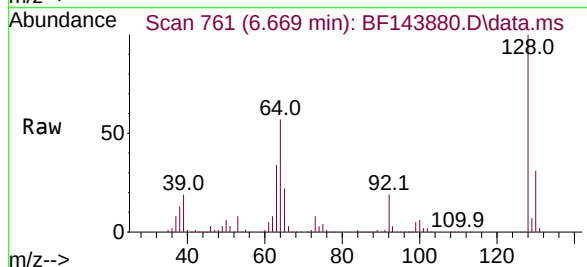
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ClientSampleId :
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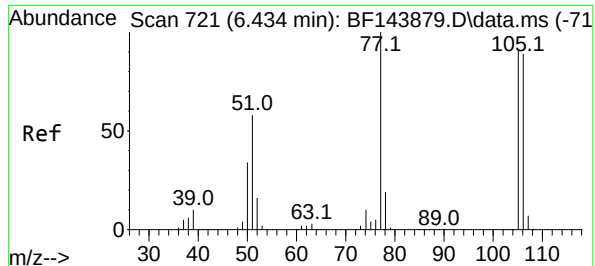
Tgt Ion: 99 Resp: 1277645
Ion Ratio Lower Upper
99 100
42 28.1 21.0 31.4
71 36.0 27.8 41.8



#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

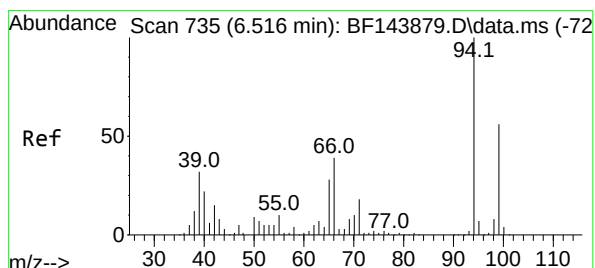
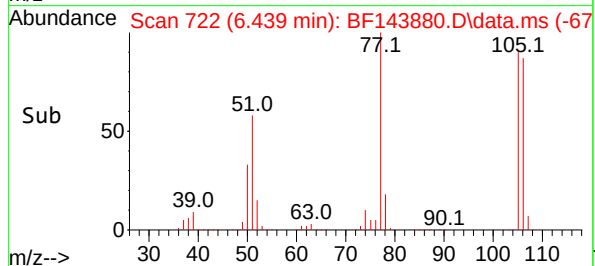
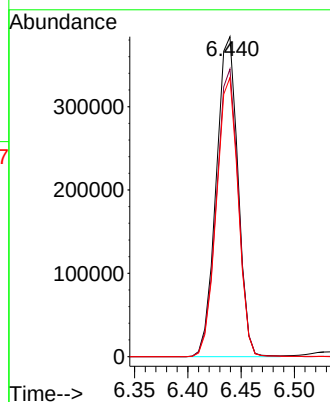
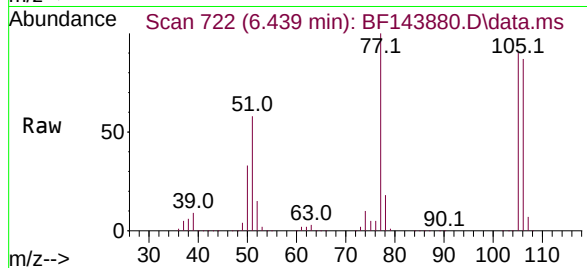
Tgt Ion: 77 Resp: 545259

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

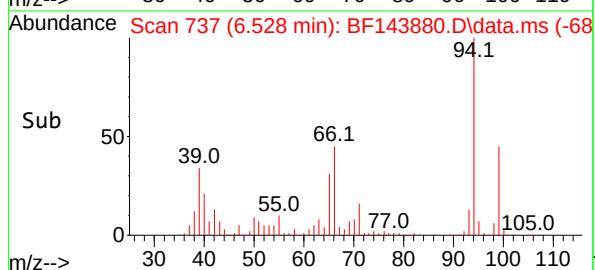
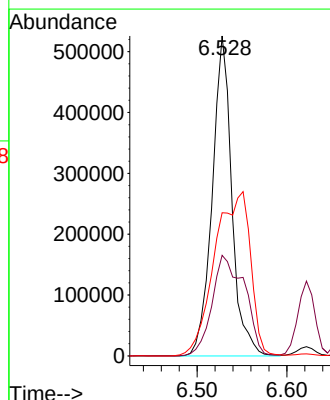
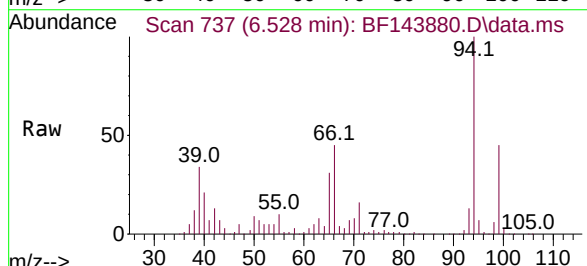
Tgt Ion: 94 Resp: 799210

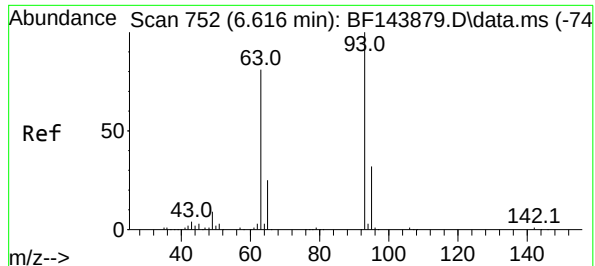
Ion Ratio Lower Upper

94 100

65 31.4 8.5 48.5

66 44.7 19.9 59.9

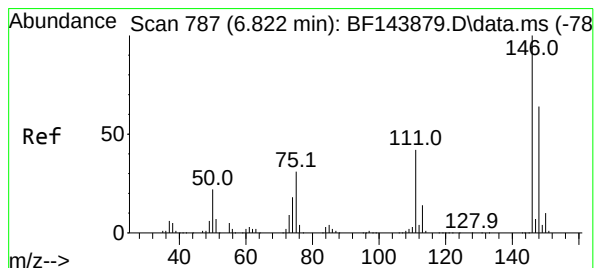
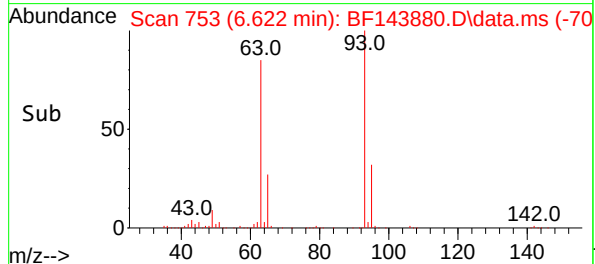
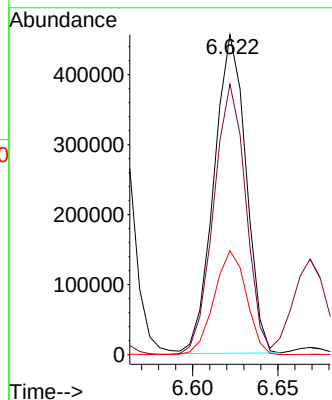
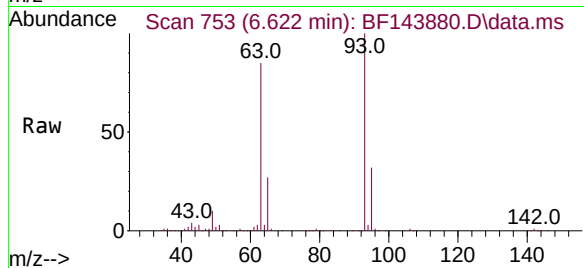




#11
bis(2-Chloroethyl)ether
Concen: 47.169 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

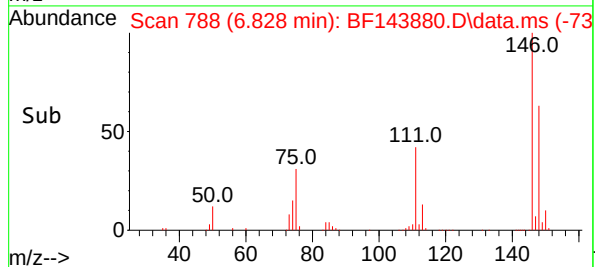
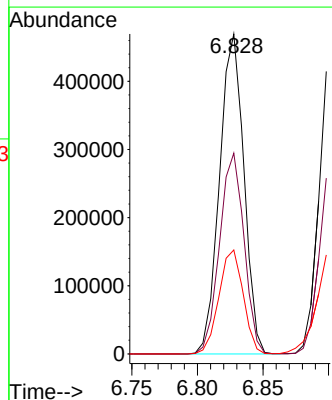
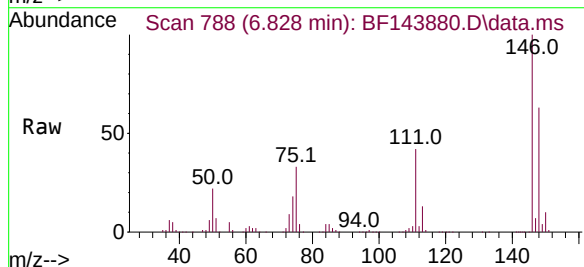
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

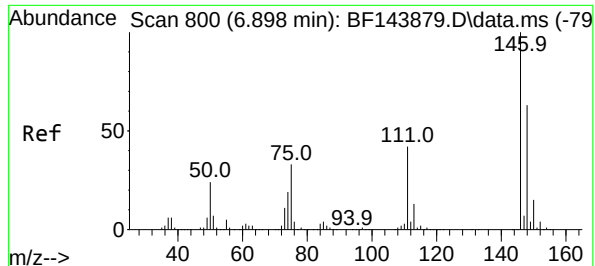
Tgt Ion: 93 Resp: 595127
Ion Ratio Lower Upper
93 100
63 84.5 60.9 100.9
95 32.5 11.5 51.5



#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

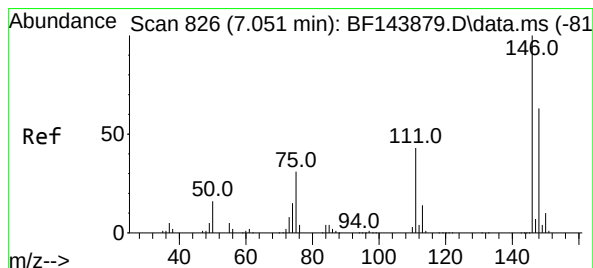
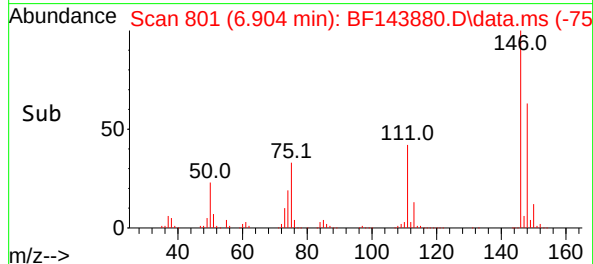
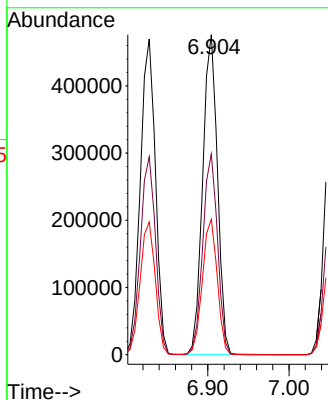
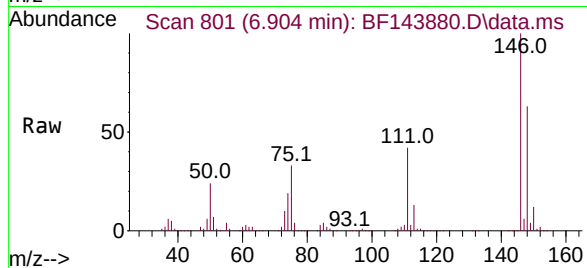
Tgt Ion:146 Resp: 603407

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

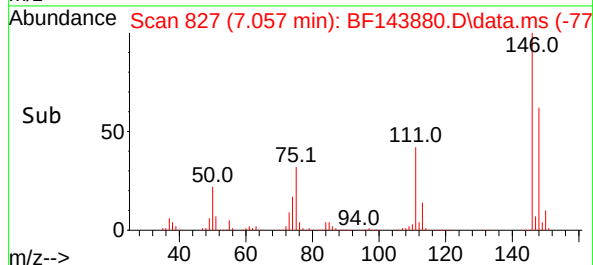
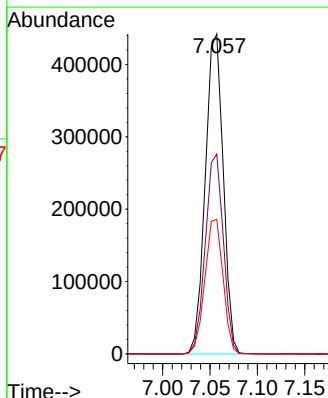
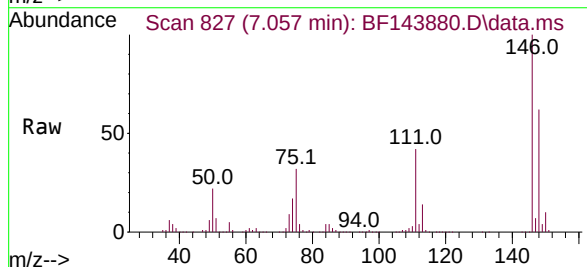
Tgt Ion:146 Resp: 583790

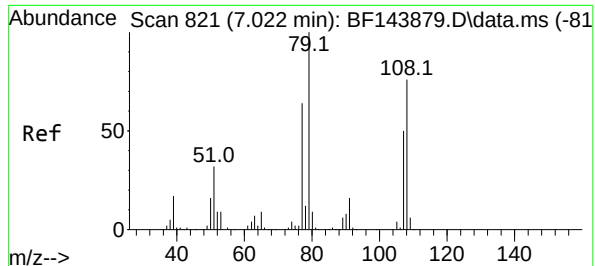
Ion Ratio Lower Upper

146 100

148 62.5 50.6 75.8

111 42.0 34.6 51.8

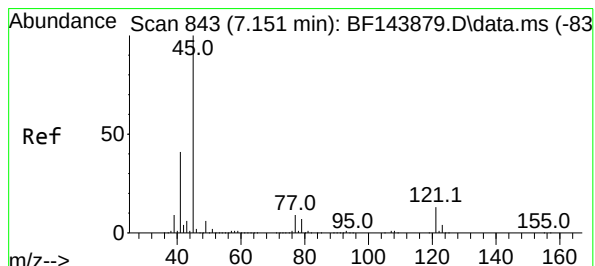
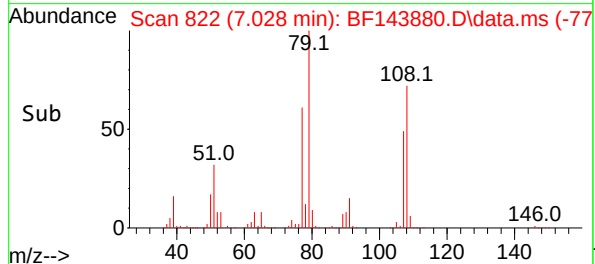
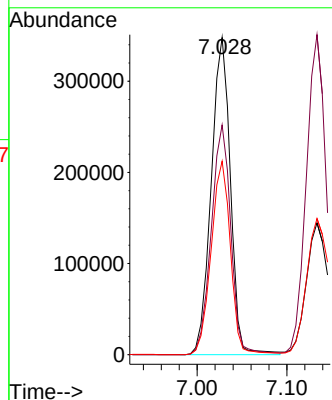
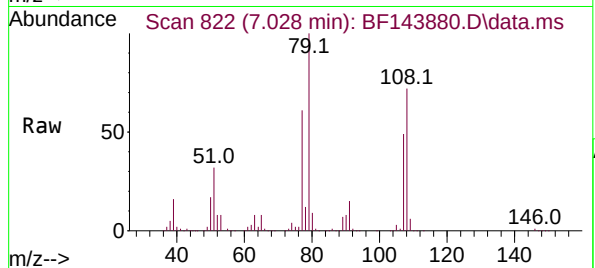




#15
Benzyl Alcohol
Concen: 50.402 ng
RT: 7.028 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

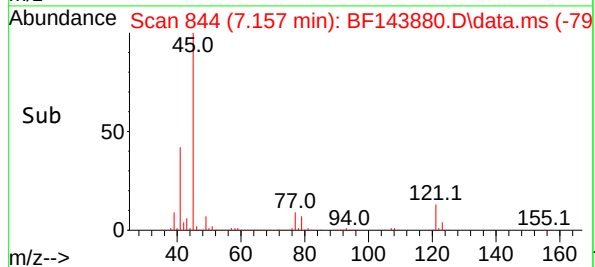
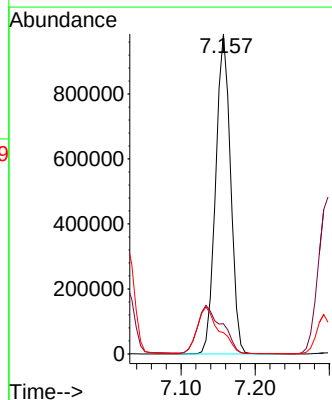
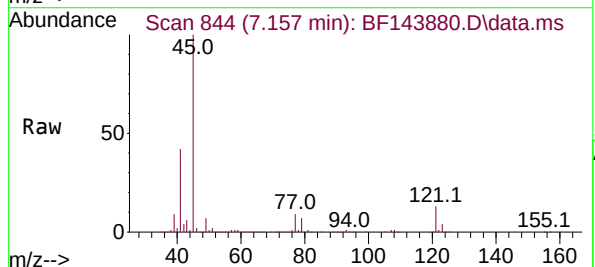
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

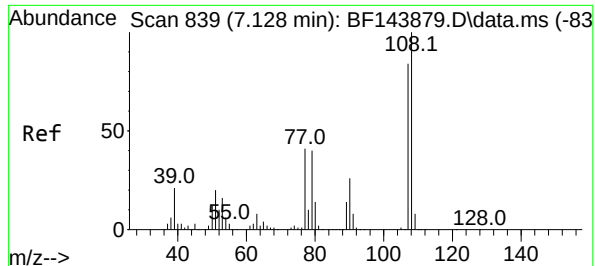
Tgt Ion: 79 Resp: 515929
Ion Ratio Lower Upper
79 100
108 72.4 60.8 91.2
77 61.0 51.0 76.6



#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

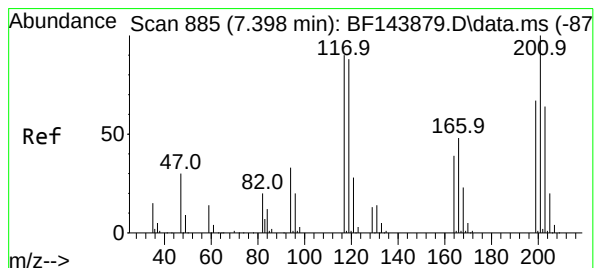
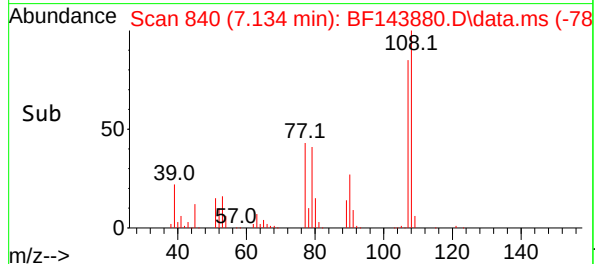
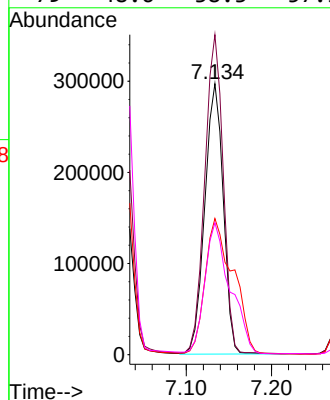
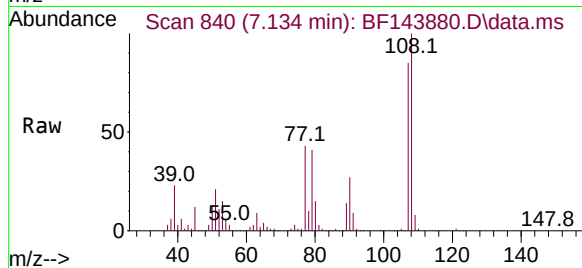




#17
2-Methylphenol
Concen: 48.397 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

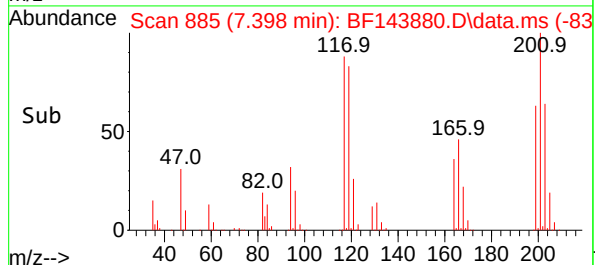
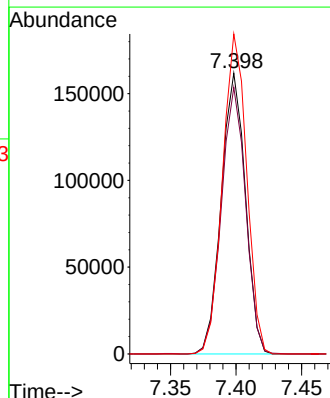
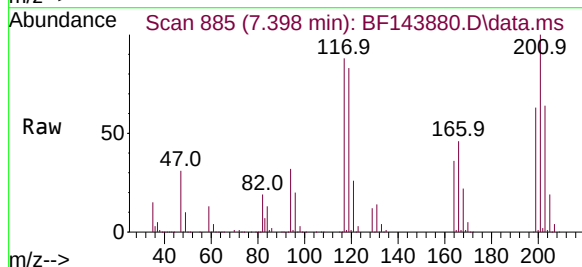
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

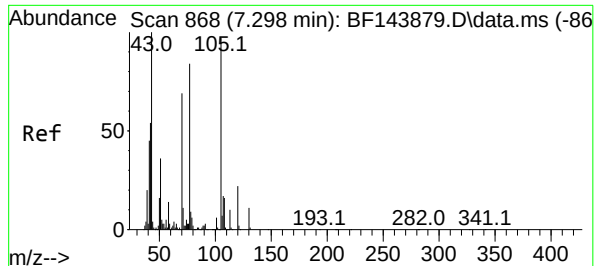
Tgt Ion:107 Resp: 448120
Ion Ratio Lower Upper
107 100
108 118.1 94.7 142.1
77 50.2 38.8 58.2
79 48.6 38.3 57.5



#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

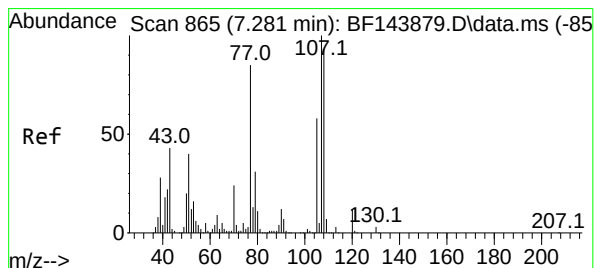
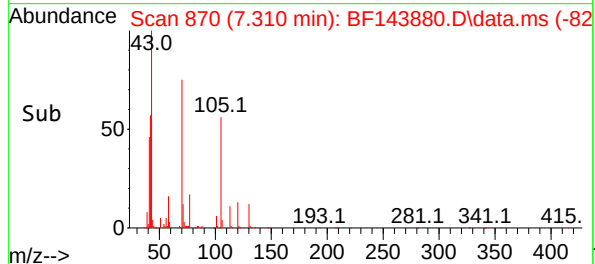
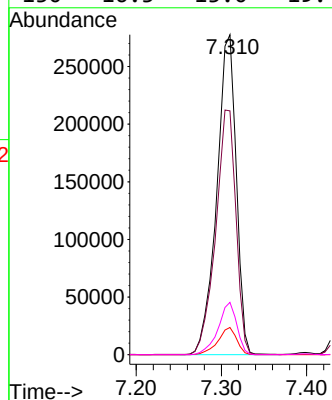
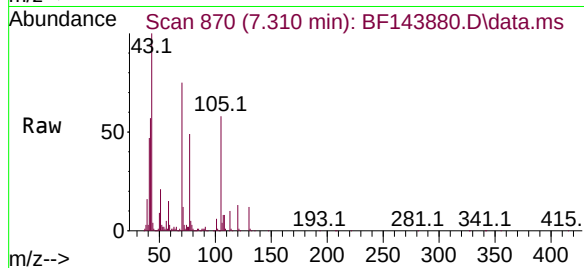
Ion Ratio Lower Upper

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

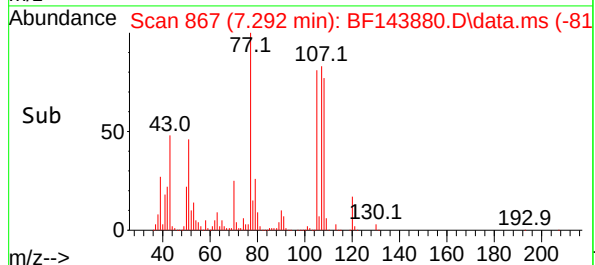
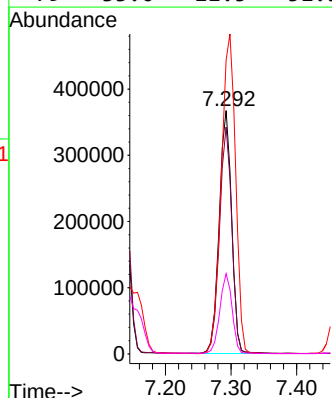
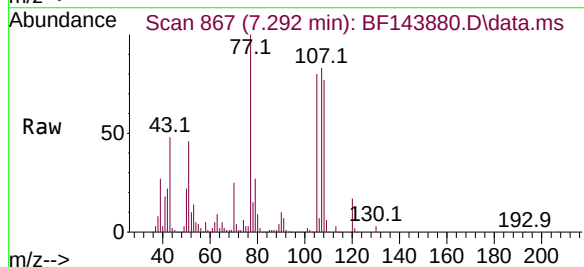
Ion Ratio Lower Upper

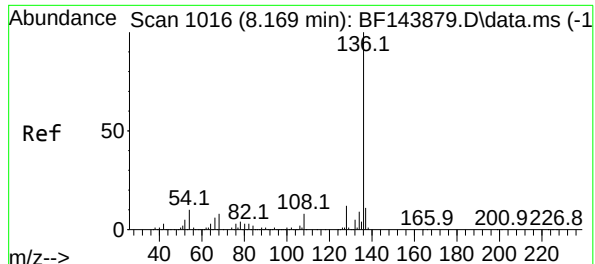
107 100

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

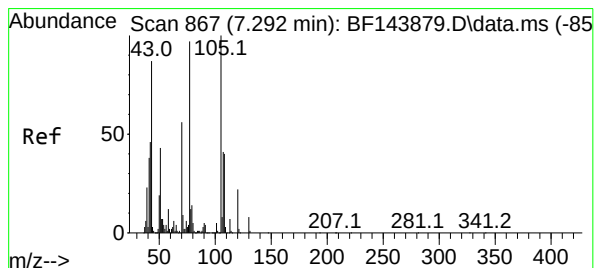
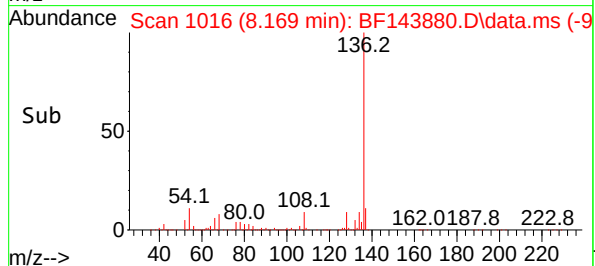
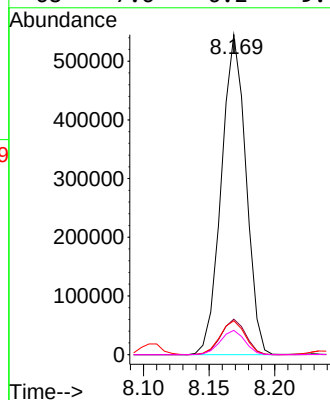
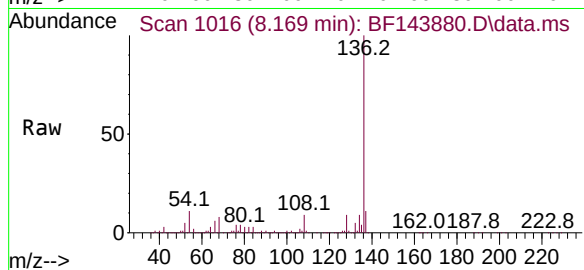
Ion Ratio Lower Upper

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

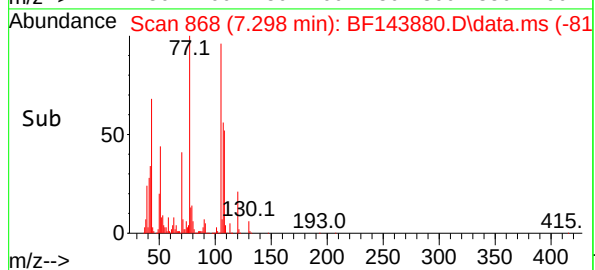
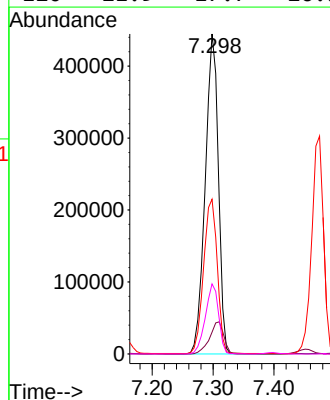
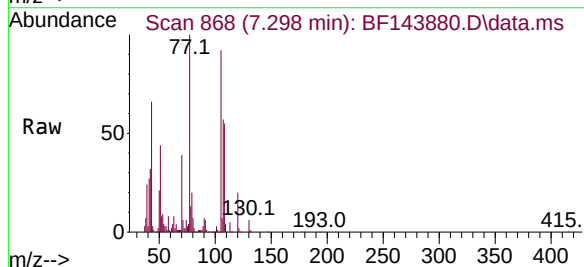
Ion Ratio Lower Upper

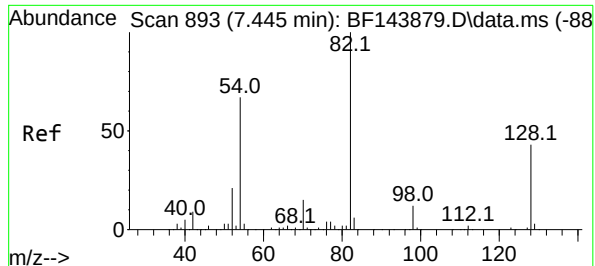
105 100

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 :

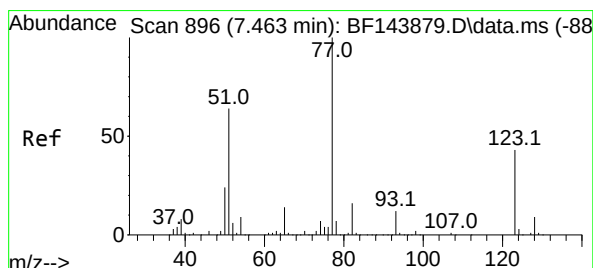
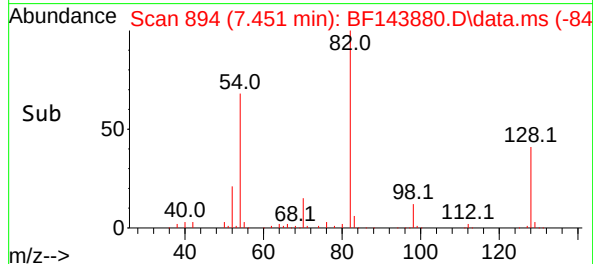
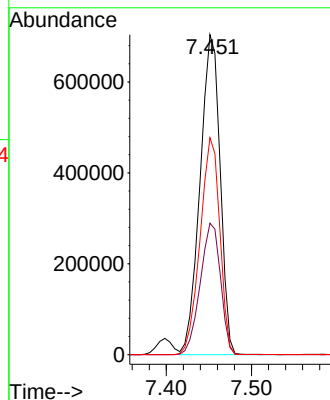
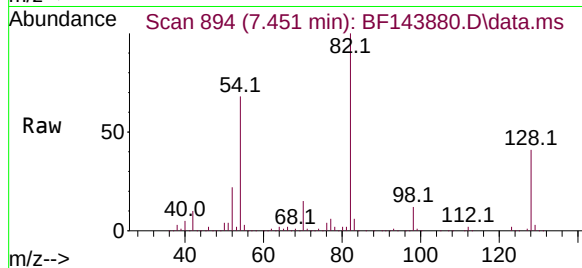
BNA_F

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

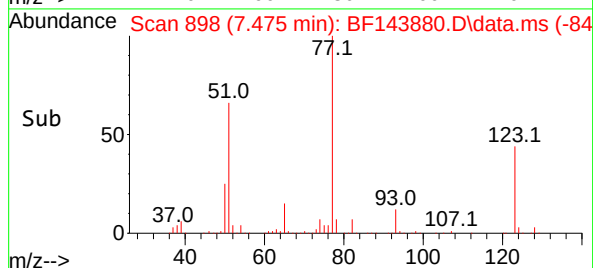
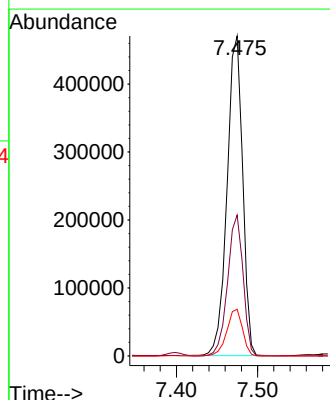
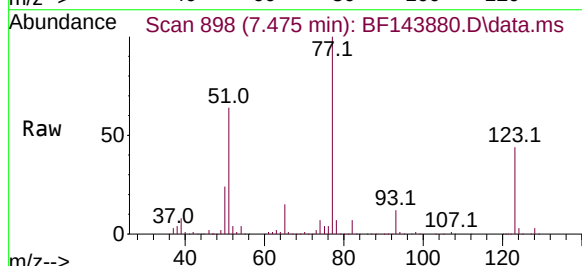
Delta R.T. 0.000 min

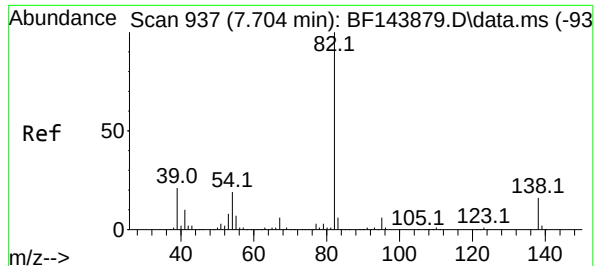
Lab File: BF143880.D

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

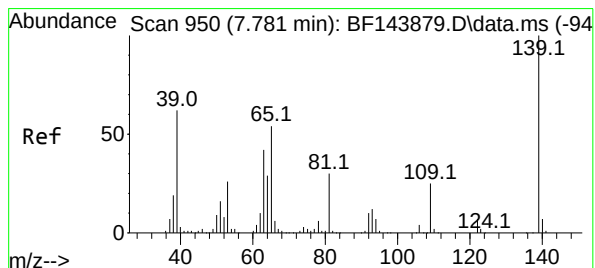
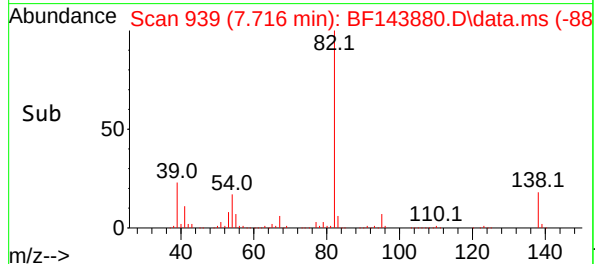
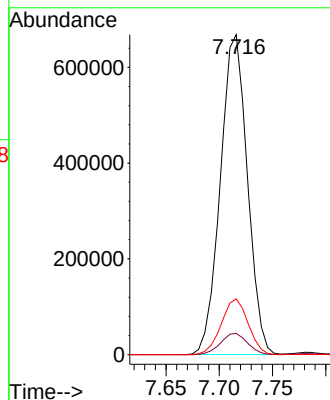
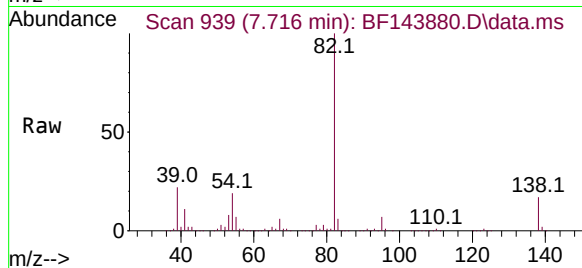




#25
Isophorone
Concen: 47.877 ng
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

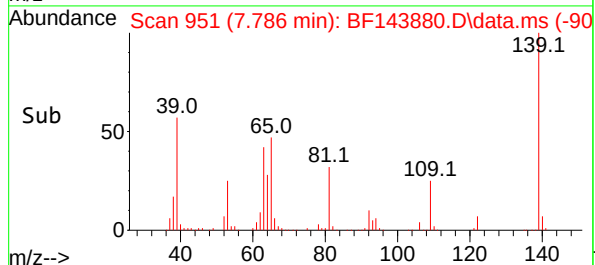
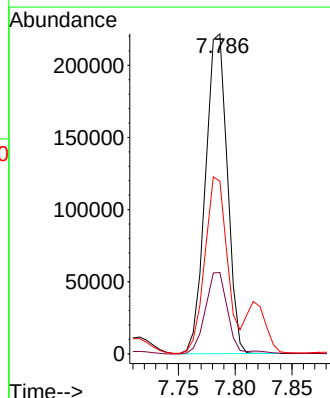
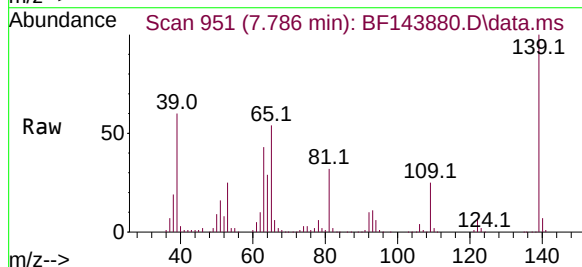
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

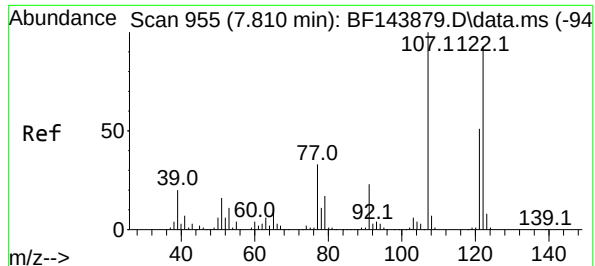
Tgt Ion: 82 Resp: 1181135
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.4 12.9 19.3



#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

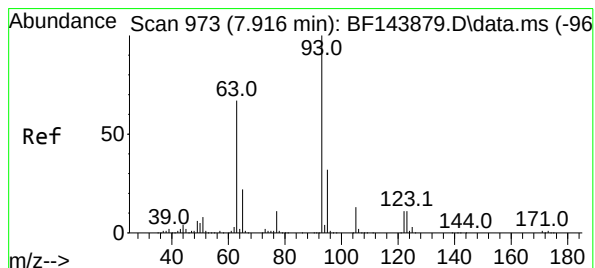
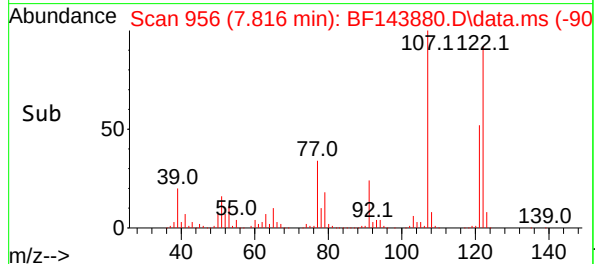
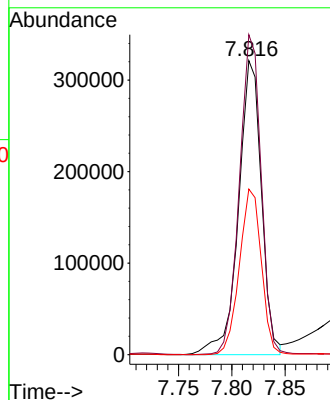
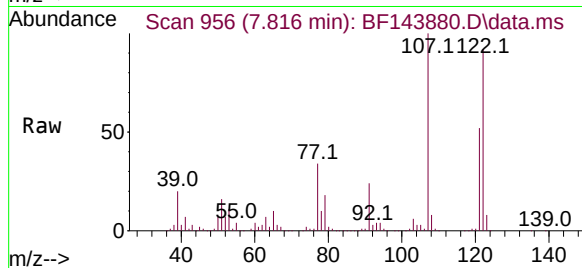
Tgt Ion:122 Resp: 480868

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

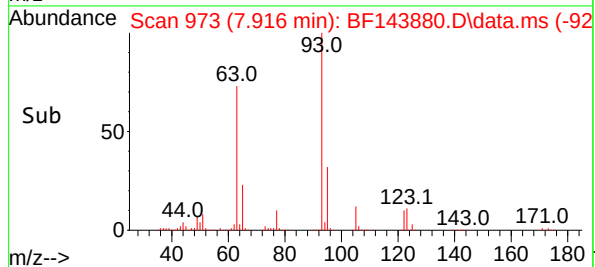
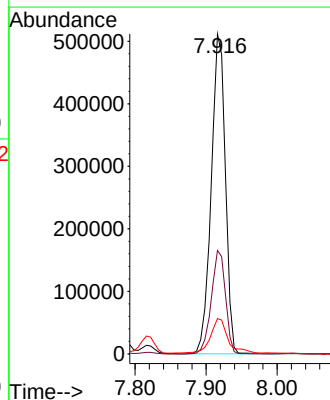
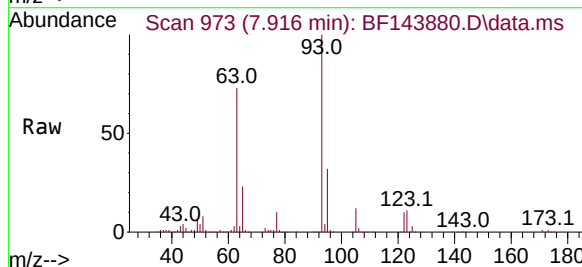
Tgt Ion: 93 Resp: 706471

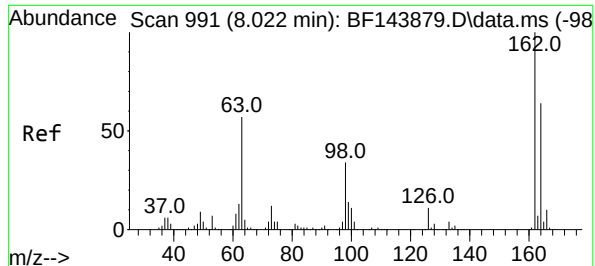
Ion Ratio Lower Upper

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

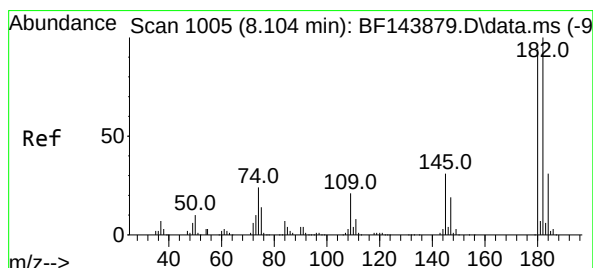
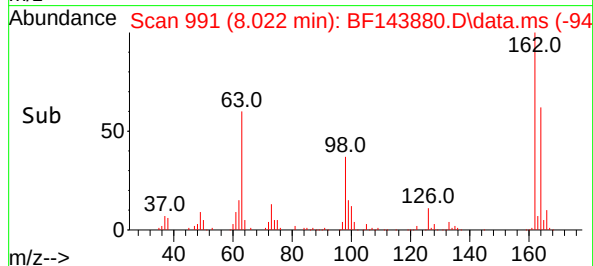
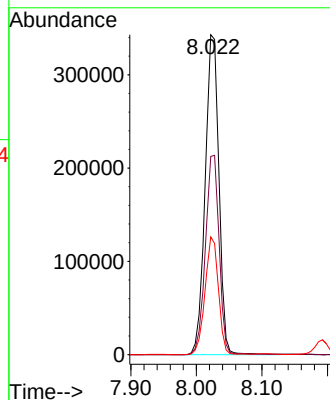
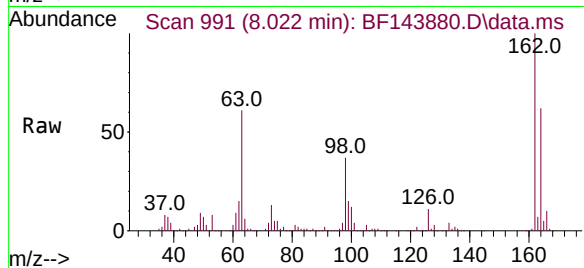
Tgt Ion:162 Resp: 497289

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

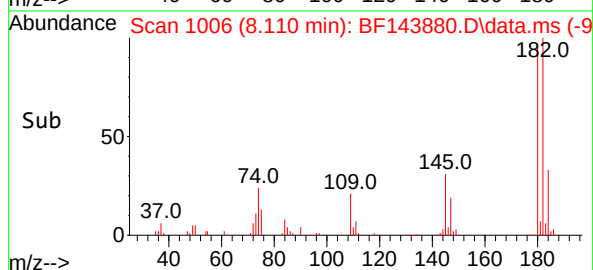
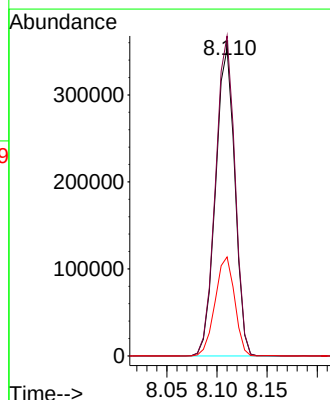
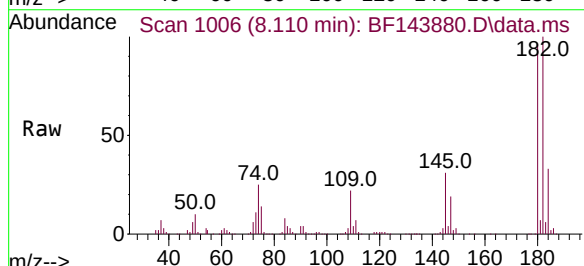
Tgt Ion:180 Resp: 473064

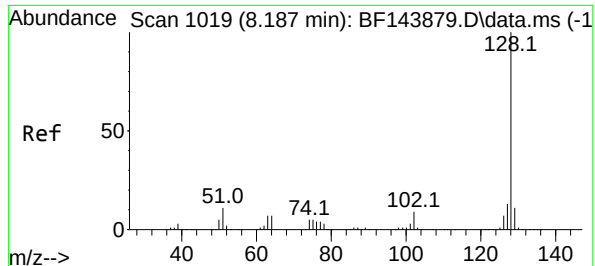
Ion Ratio Lower Upper

180 100

182 104.1 85.4 128.0

145 32.2 26.3 39.5

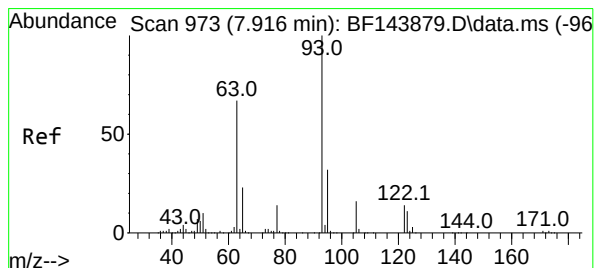
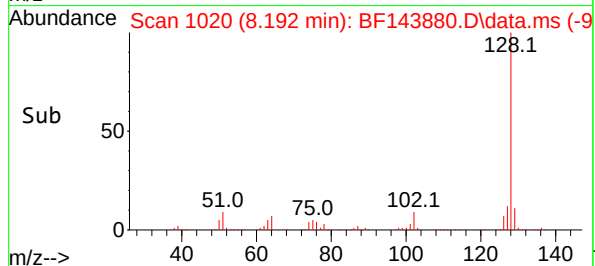
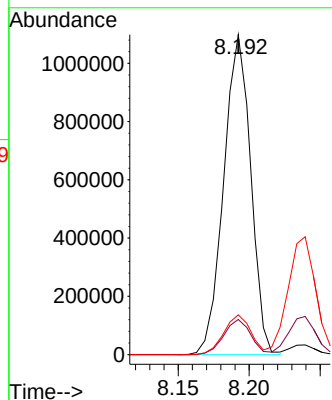
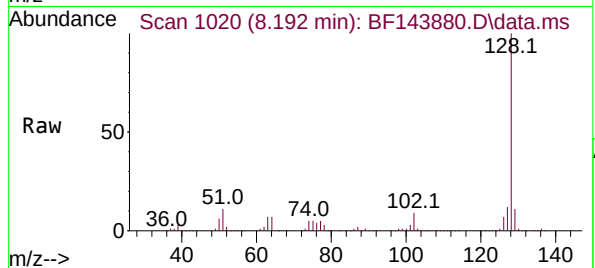




#31
Naphthalene
Concen: 44.890 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

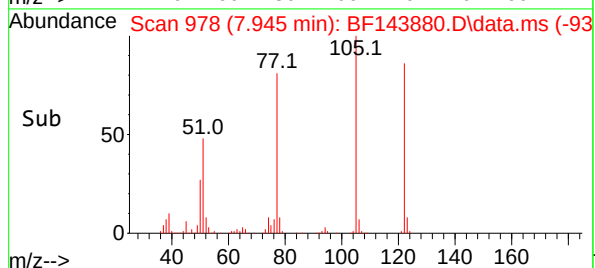
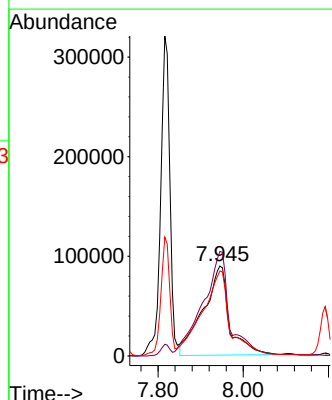
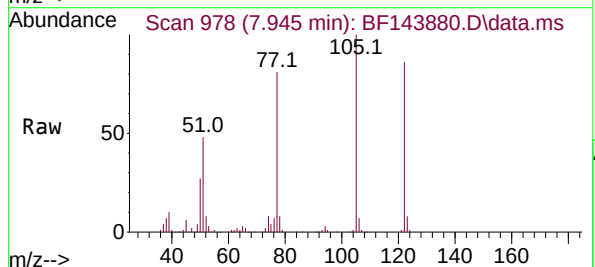
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

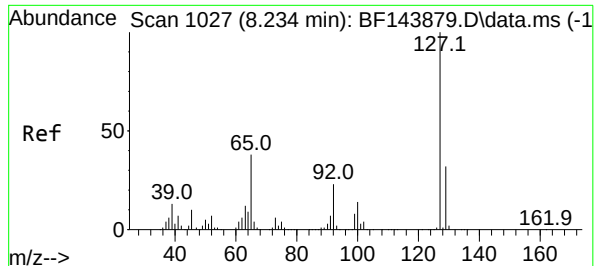
Tgt Ion:128 Resp: 1451547
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.4 10.0 15.0



#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

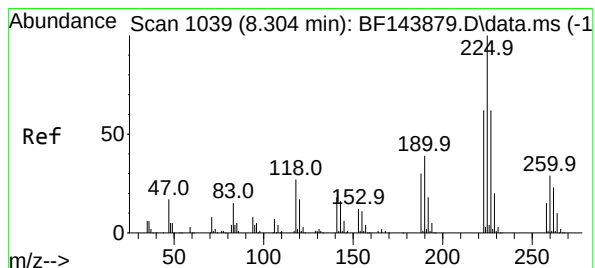
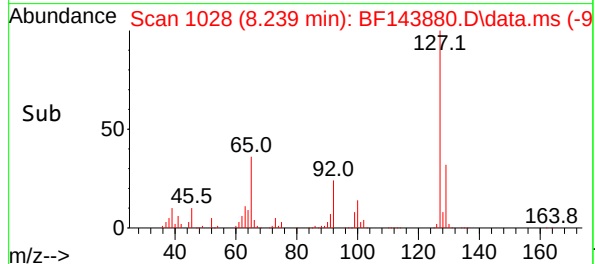
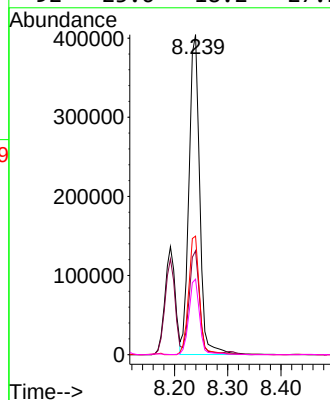
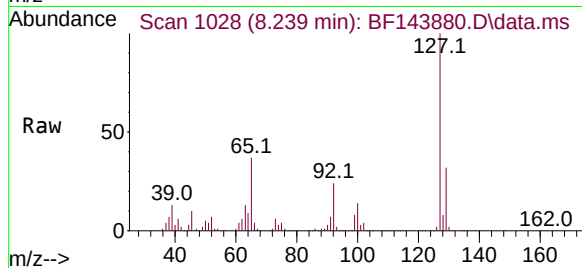




#33
4-Chloroaniline
Concen: 46.813 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

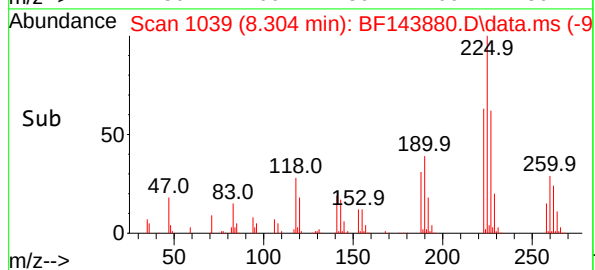
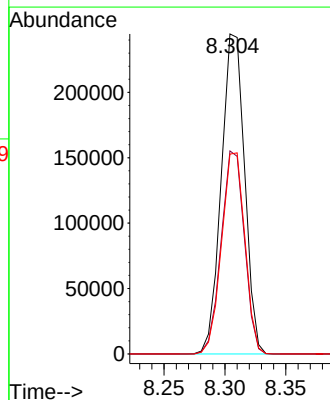
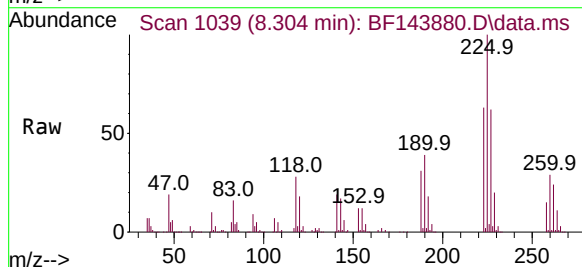
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

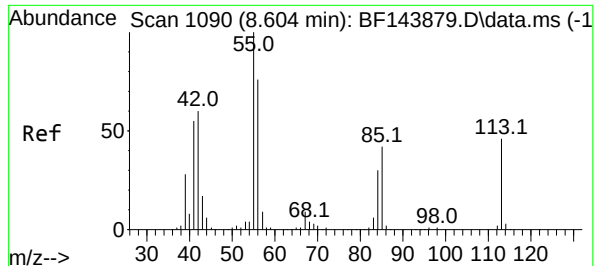
Tgt Ion:	127	Resp:	567726
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.8
65	37.0	30.0	45.0
92	23.6	18.2	27.2



#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

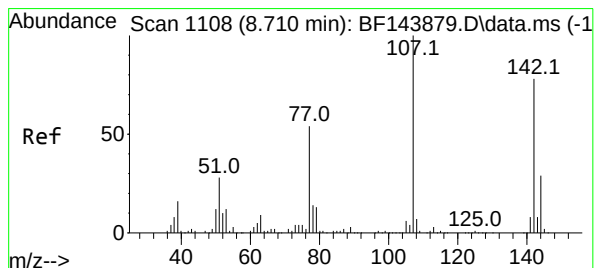
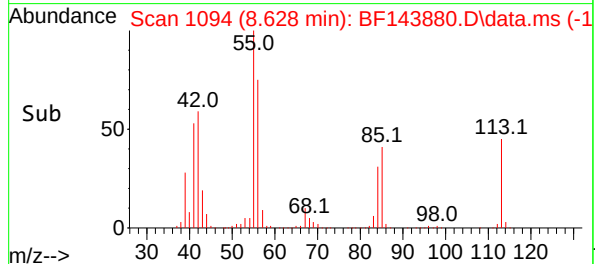
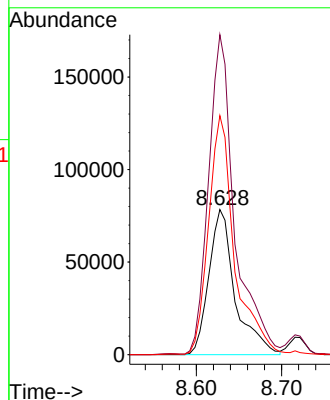
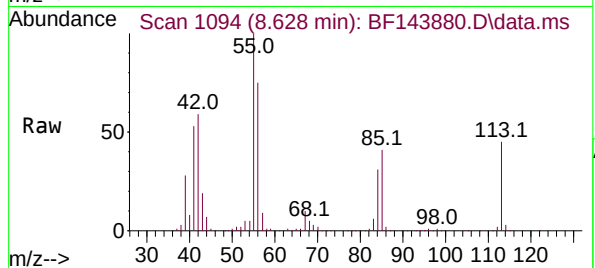




#35
Caprolactam
Concen: 50.565 ng
RT: 8.628 min Scan# 1090
Delta R.T. -0.018 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

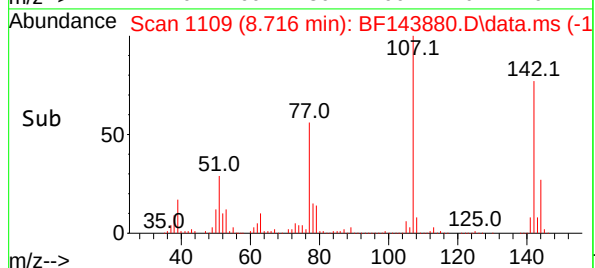
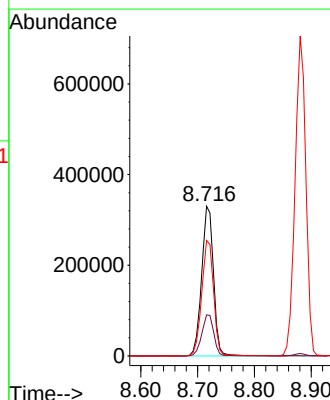
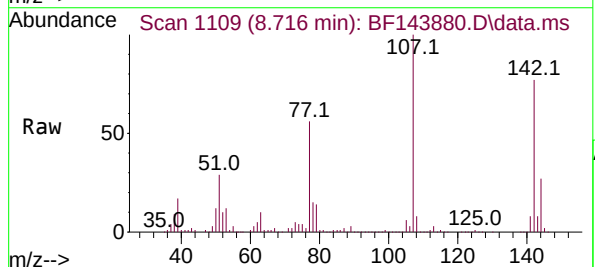
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

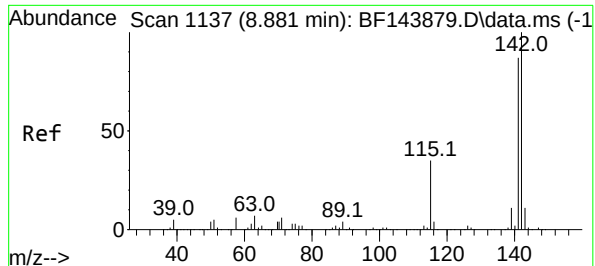
Tgt Ion:113 Resp: 167817
Ion Ratio Lower Upper
113 100
55 220.6 199.6 239.6
56 164.8 146.0 186.0



#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 :

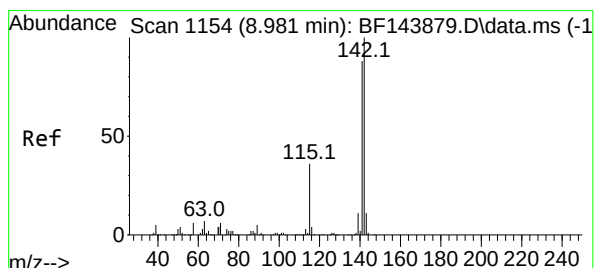
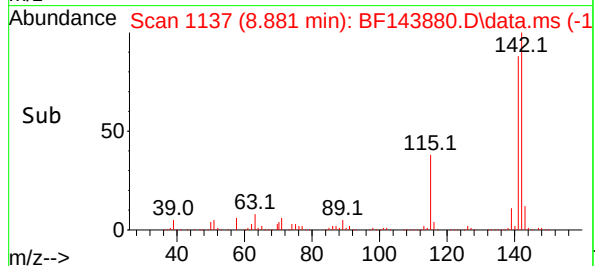
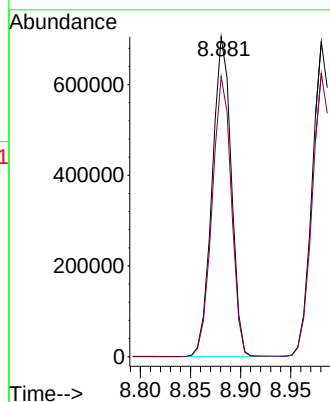
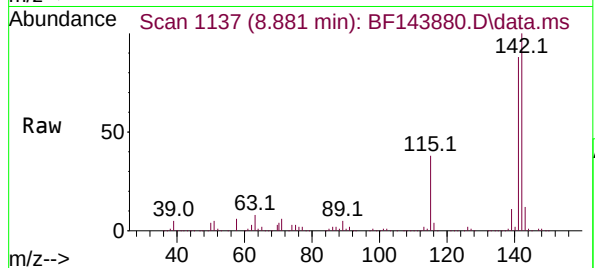
SSTDICC050

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

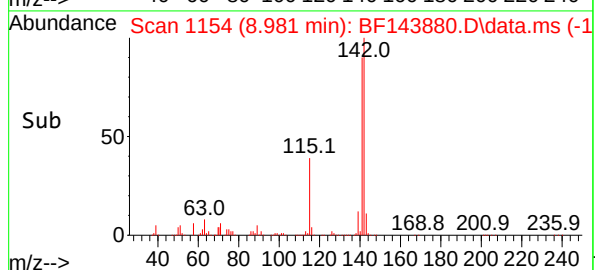
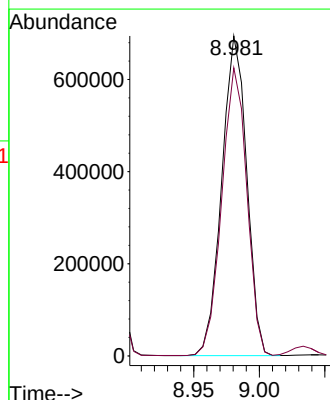
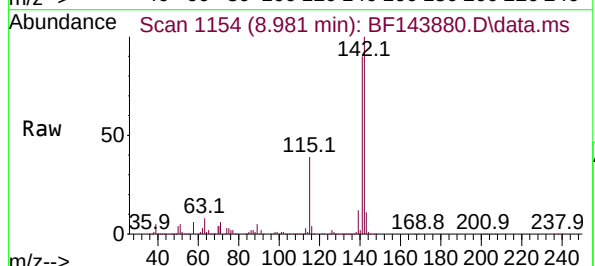
Acq: 06 Oct 2025 13:23

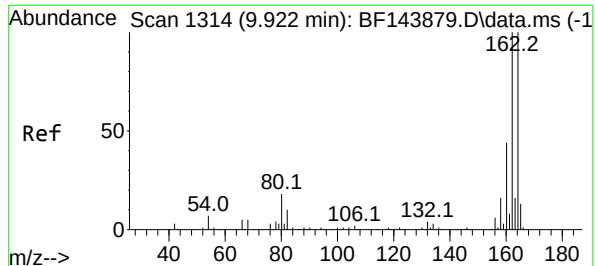
Tgt Ion:142 Resp: 918550

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

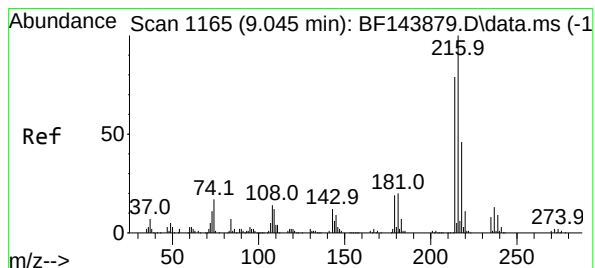
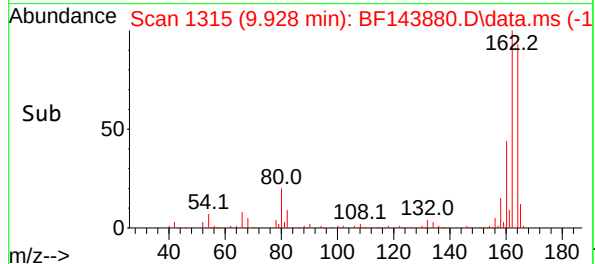
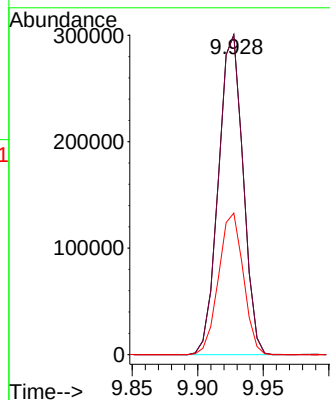
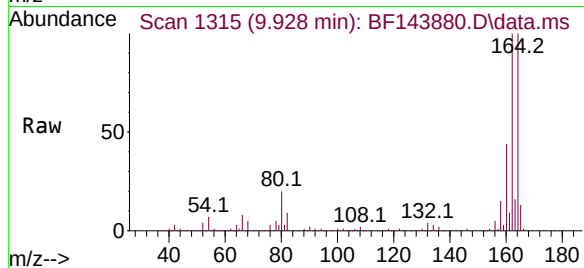
Tgt Ion:164 Resp: 393762

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

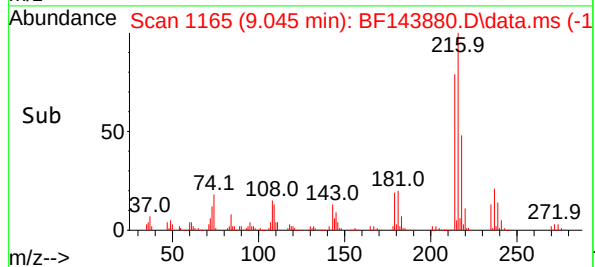
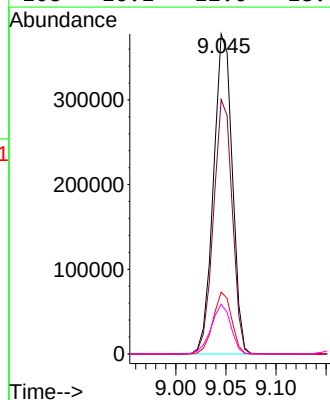
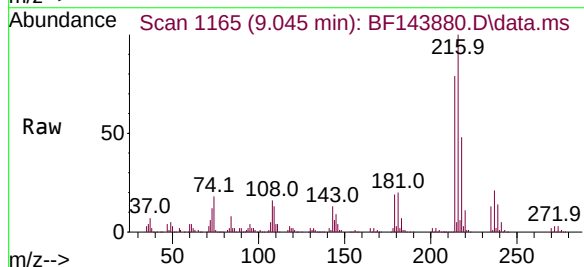
Ion Ratio Lower Upper

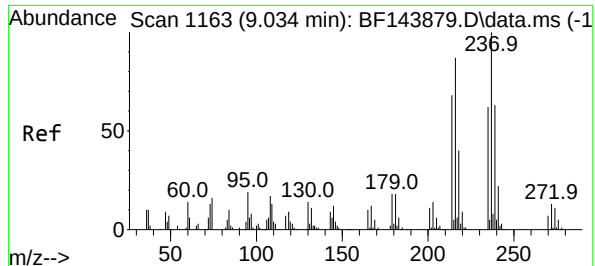
216 100

214 79.2 62.6 94.0

179 19.0 15.4 23.0

108 16.1 12.0 18.0

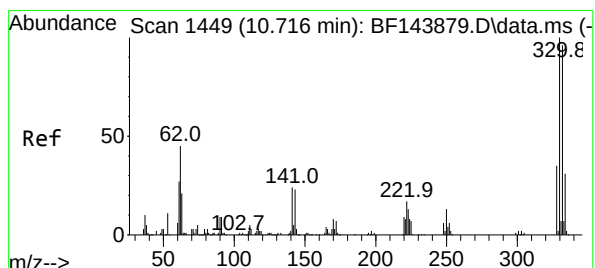
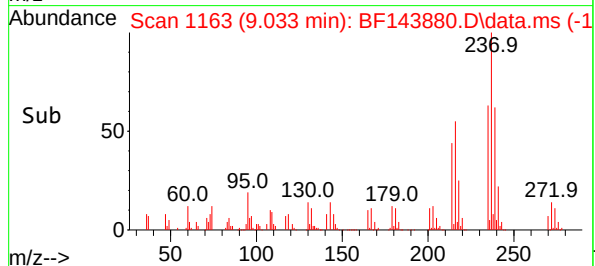
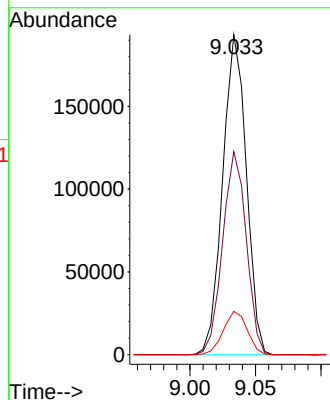
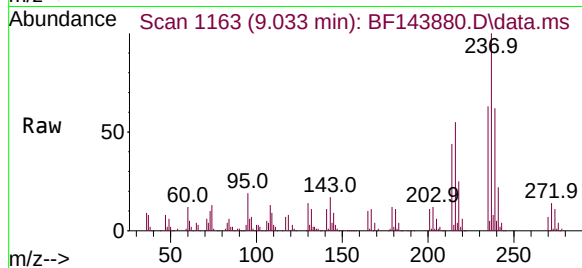




#41
Hexachlorocyclopentadiene
Concen: 53.686 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

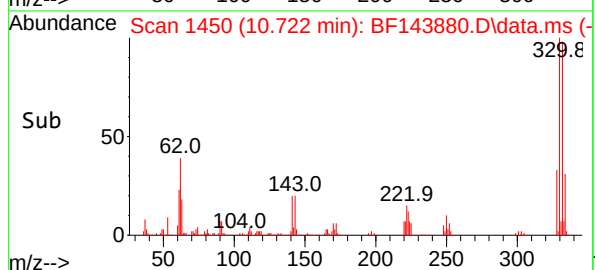
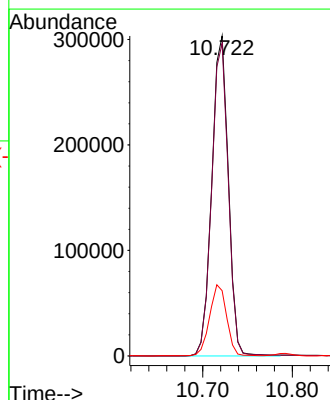
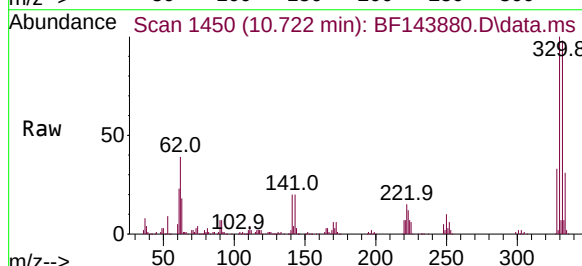
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

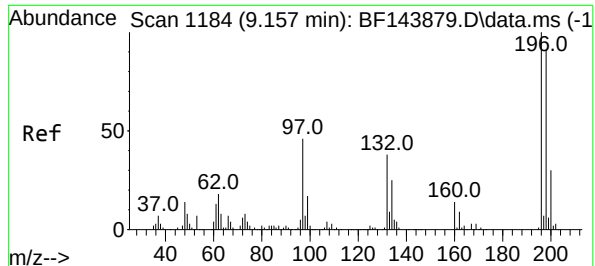
Tgt Ion:237 Resp: 242390
Ion Ratio Lower Upper
237 100
235 63.4 42.3 82.3
272 13.5 0.0 33.1



#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

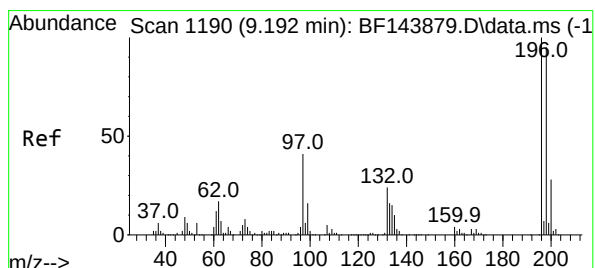
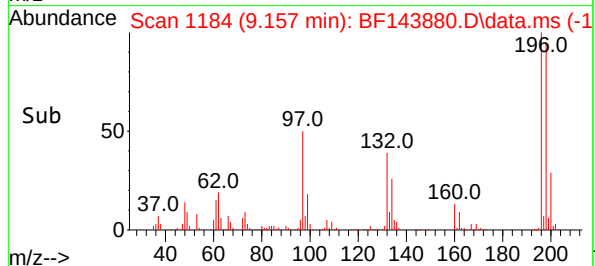
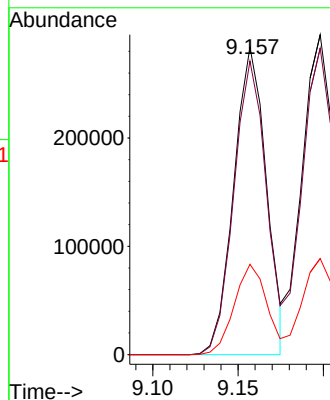
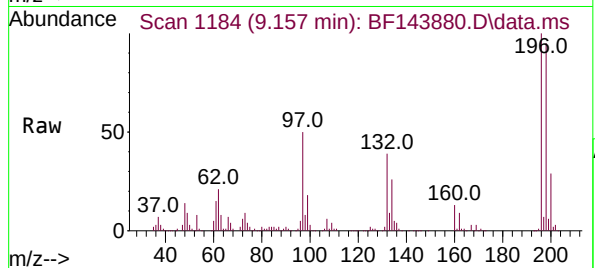
Tgt Ion:196 Resp: 376991

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

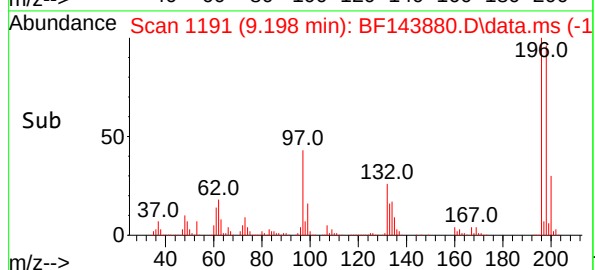
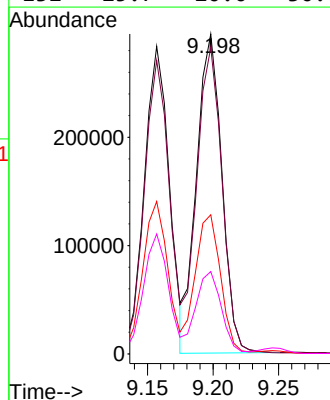
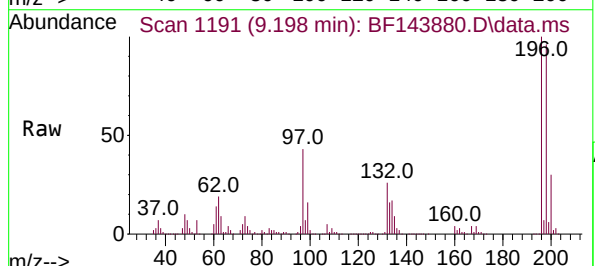
Ion Ratio Lower Upper

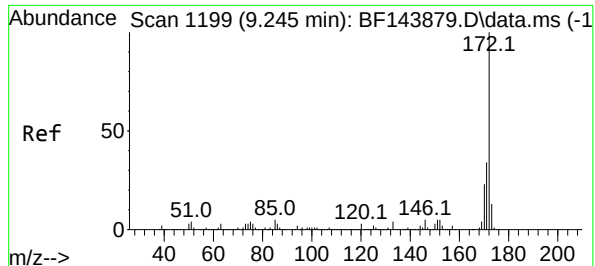
196 100

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

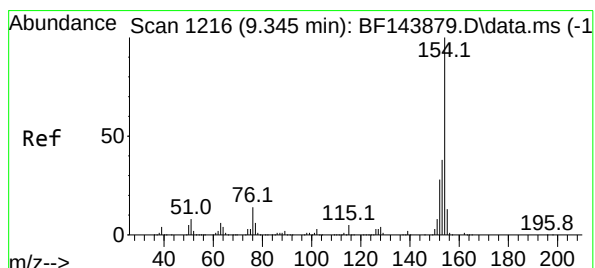
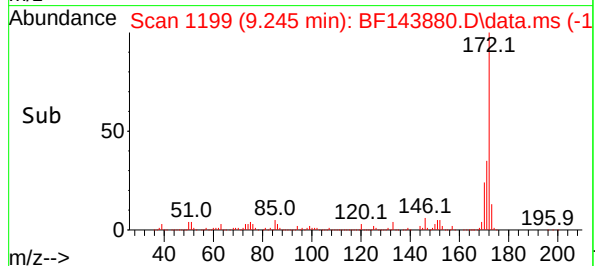
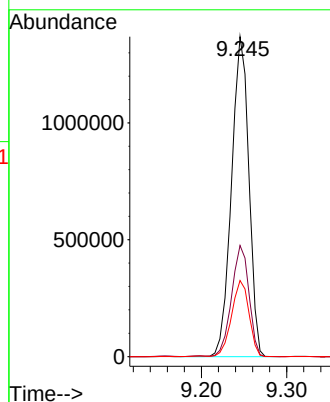
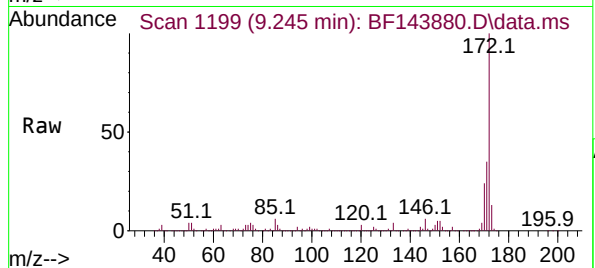
Tgt Ion:172 Resp: 1936883

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

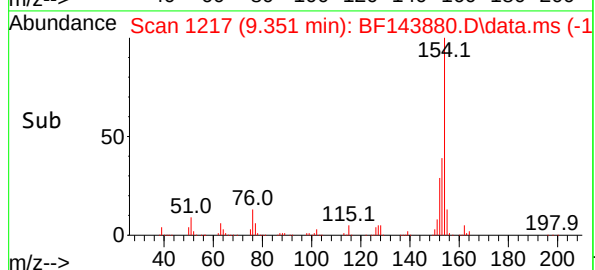
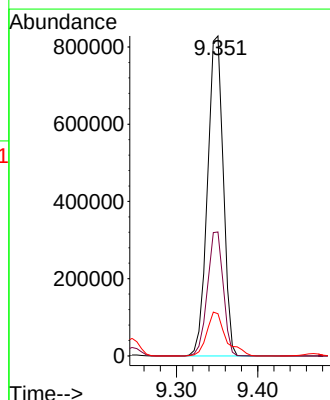
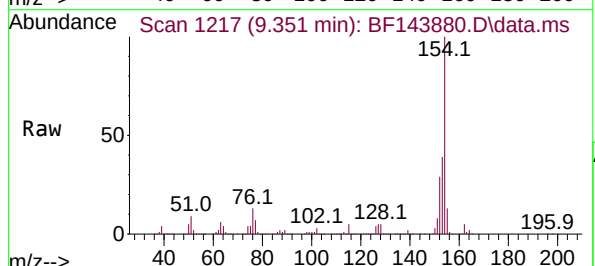
Tgt Ion:154 Resp: 1116775

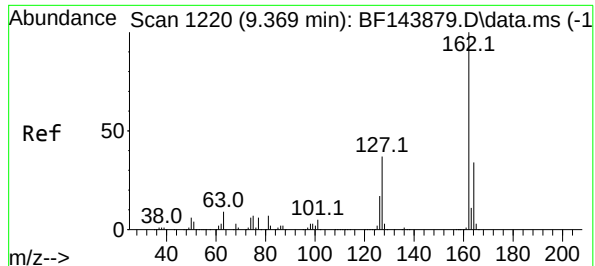
Ion Ratio Lower Upper

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

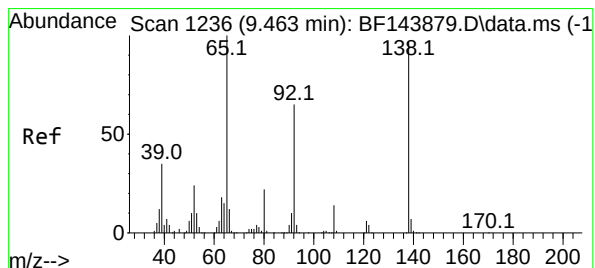
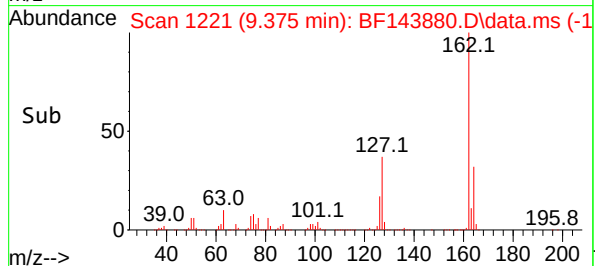
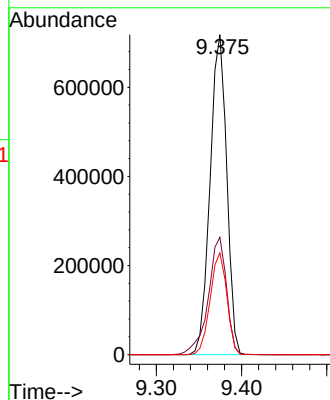
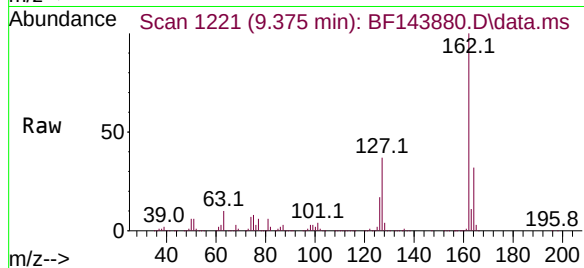
Tgt Ion:162 Resp: 972675

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

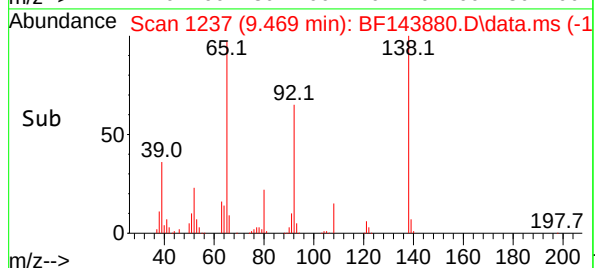
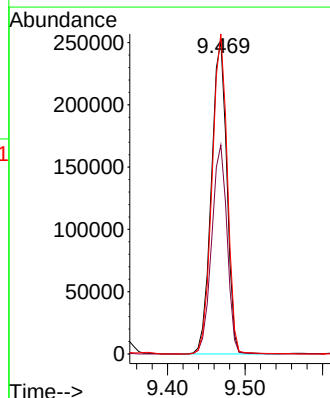
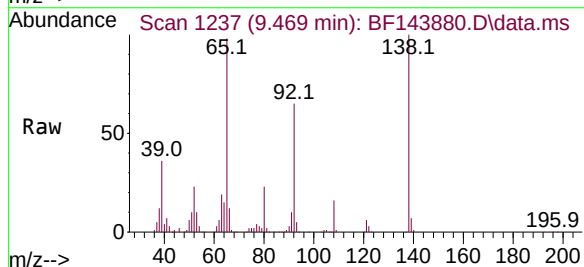
Tgt Ion: 65 Resp: 348179

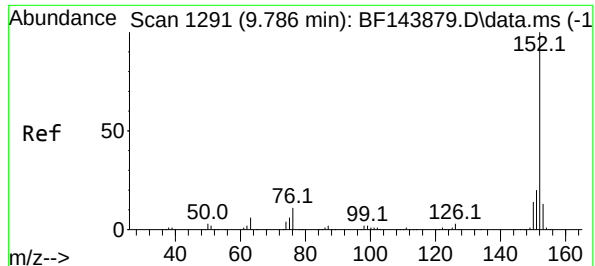
Ion Ratio Lower Upper

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

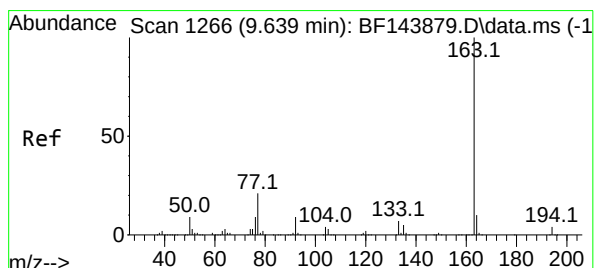
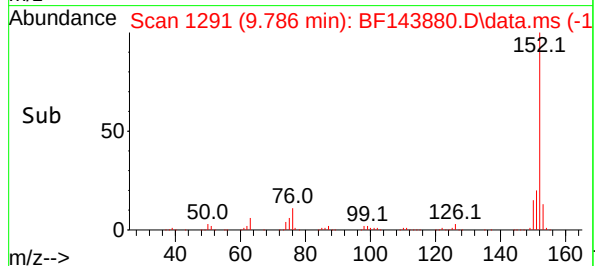
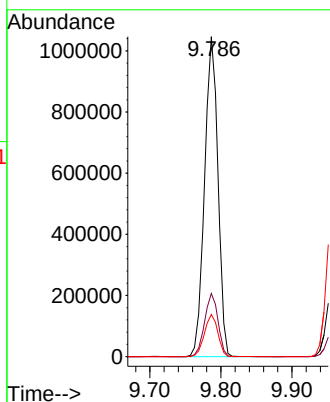
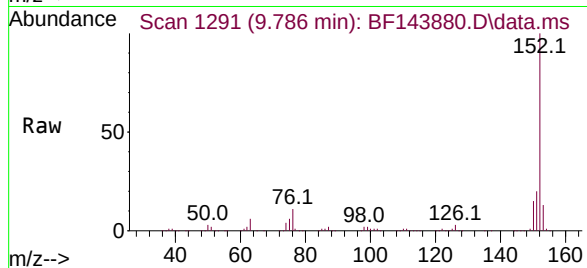
Tgt Ion:152 Resp: 1364193

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

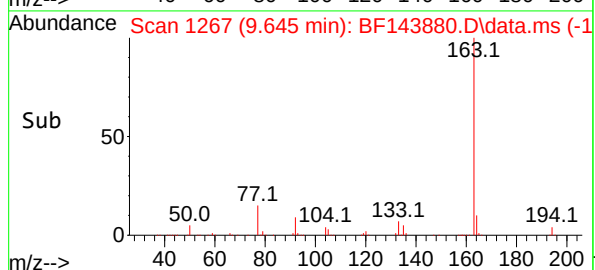
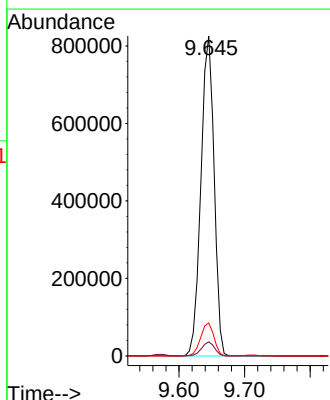
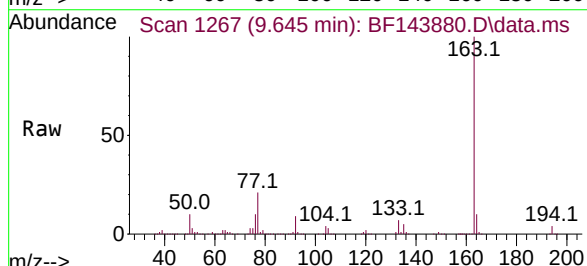
Tgt Ion:163 Resp: 1147448

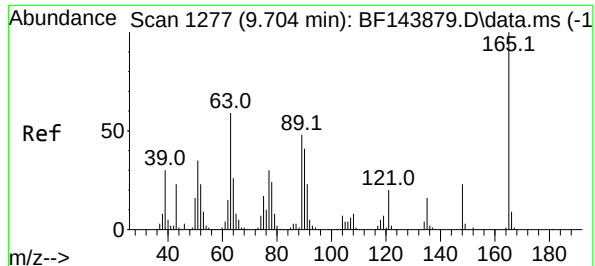
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1

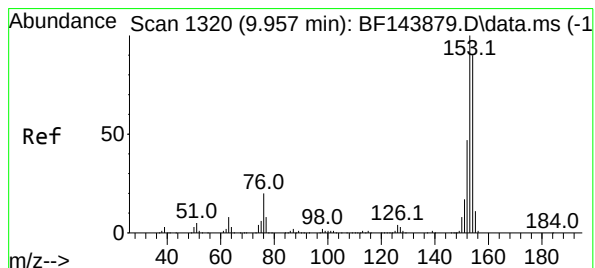
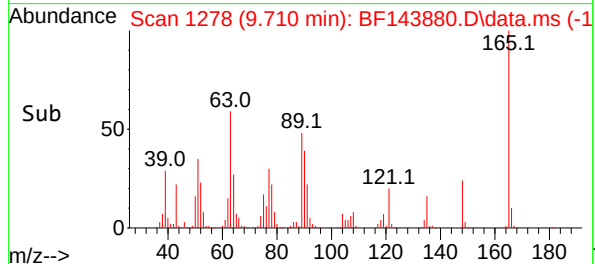
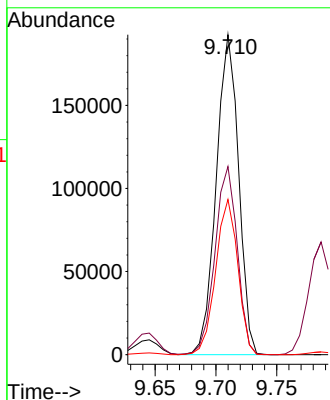
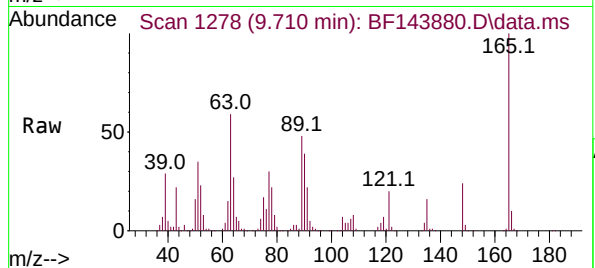




#51
2,6-Dinitrotoluene
Concen: 53.176 ng
RT: 9.710 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

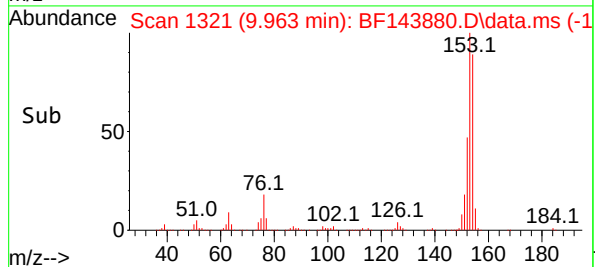
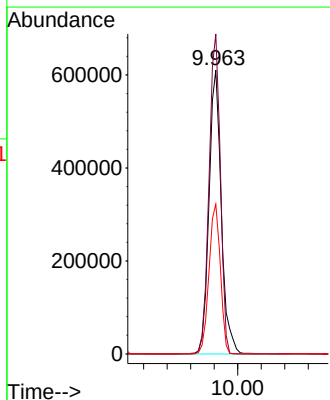
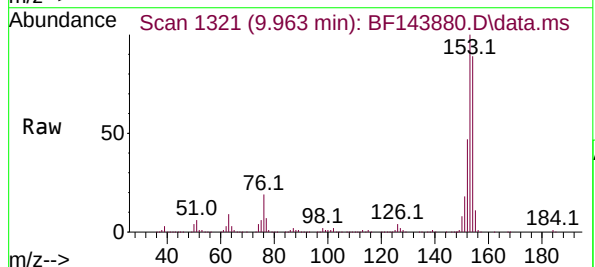
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

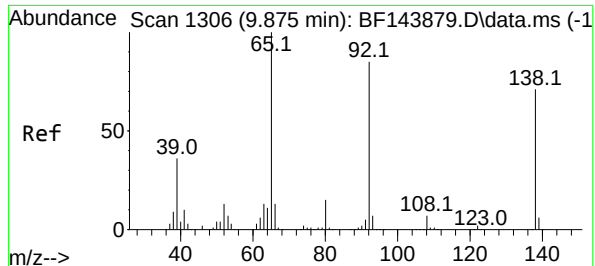
Tgt Ion:165 Resp: 246567
Ion Ratio Lower Upper
165 100
63 58.8 47.3 70.9
89 48.5 38.2 57.4



#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

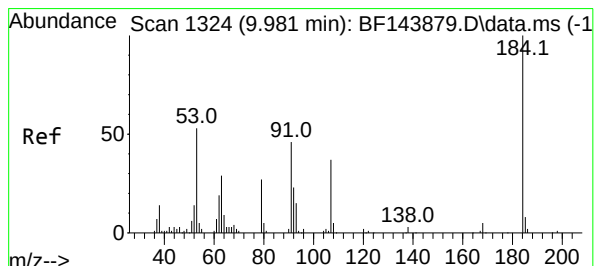
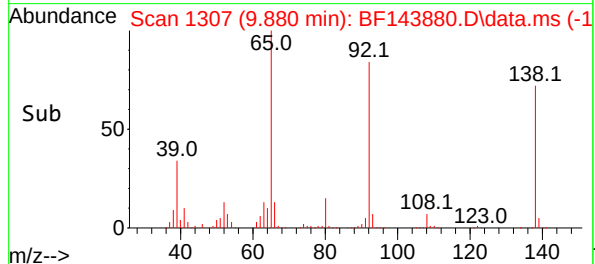
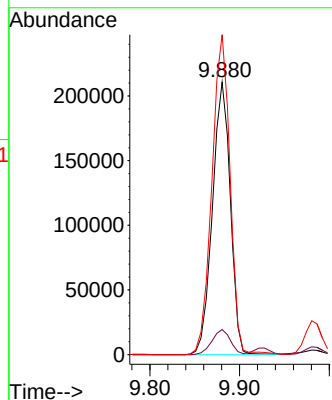
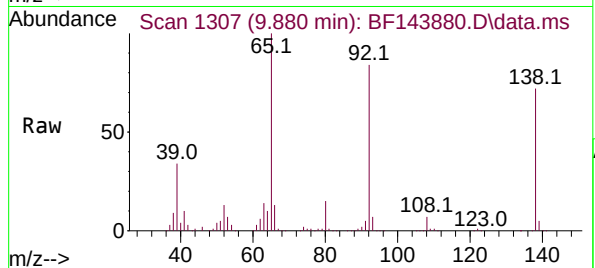




#53
3-Nitroaniline
Concen: 51.366 ng
RT: 9.880 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

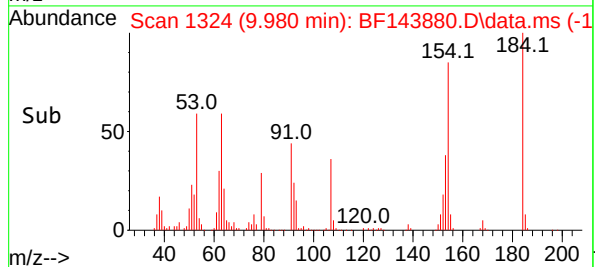
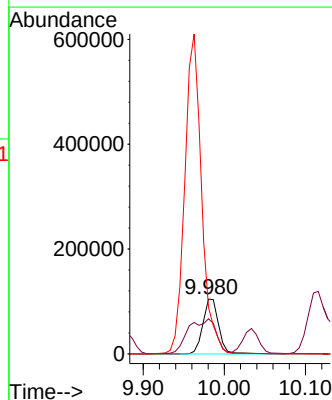
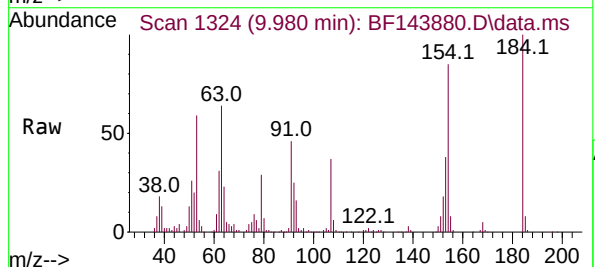
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

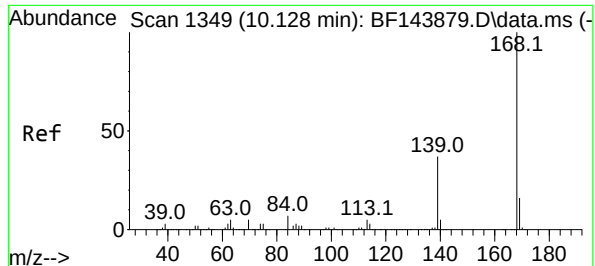
Tgt Ion:138 Resp: 291630
Ion Ratio Lower Upper
138 100
108 9.2 8.3 12.5
92 117.5 96.2 144.2



#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

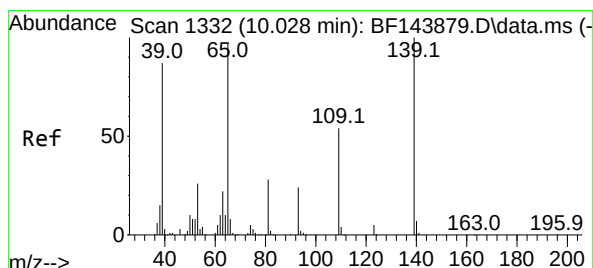
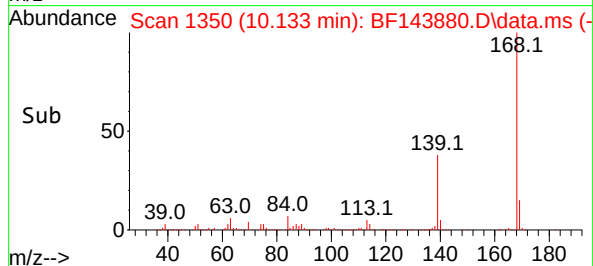
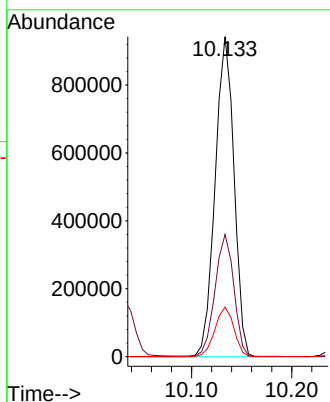
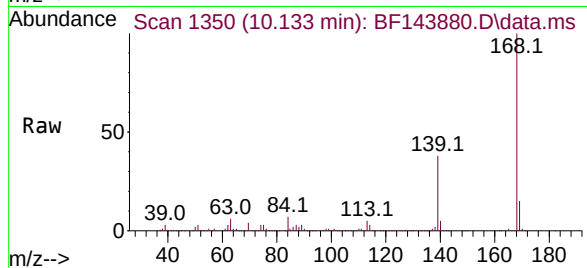
Tgt Ion:168 Resp: 1233091

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

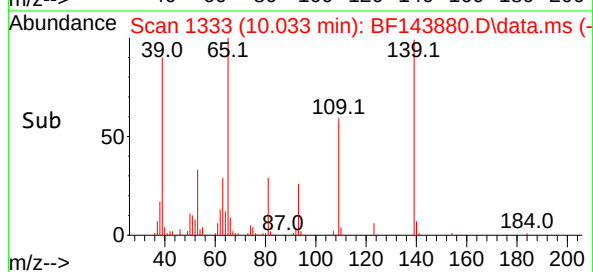
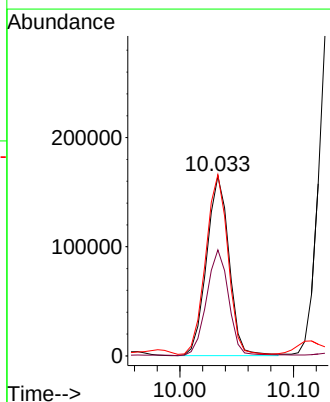
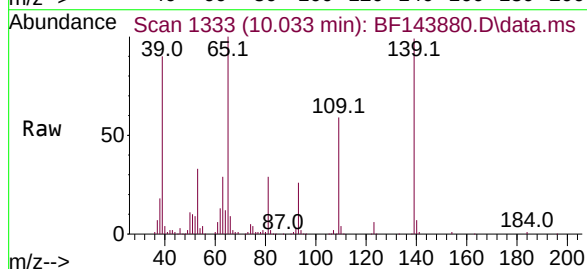
Tgt Ion:139 Resp: 226765

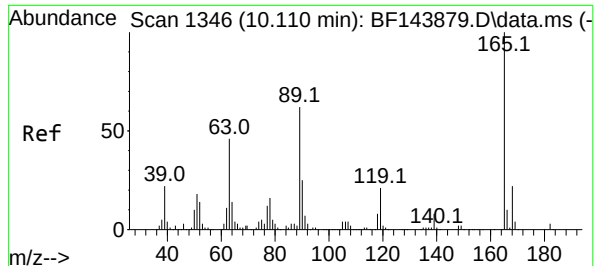
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

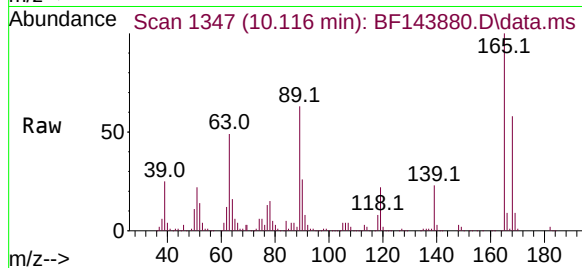
65 100.7 77.6 117.6



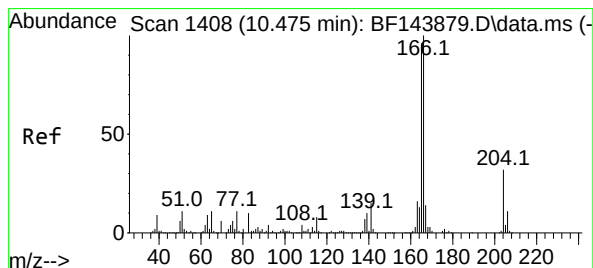
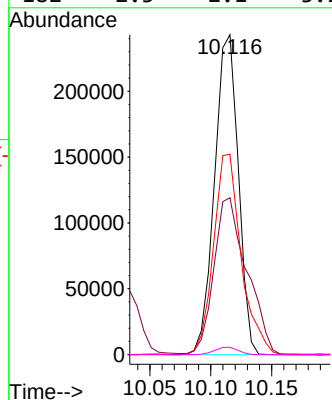
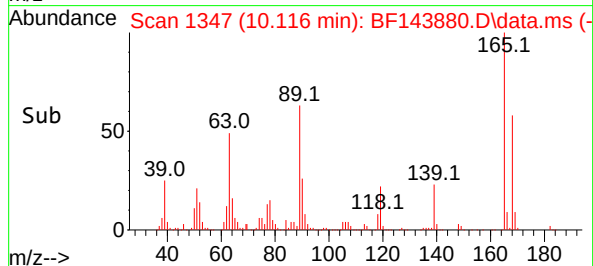


#57
2,4-Dinitrotoluene
Concen: 52.304 ng
RT: 10.116 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

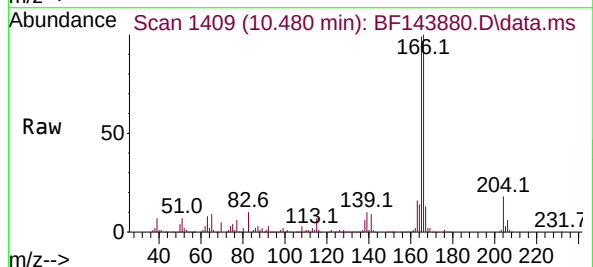
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



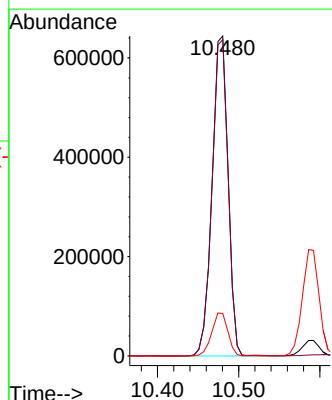
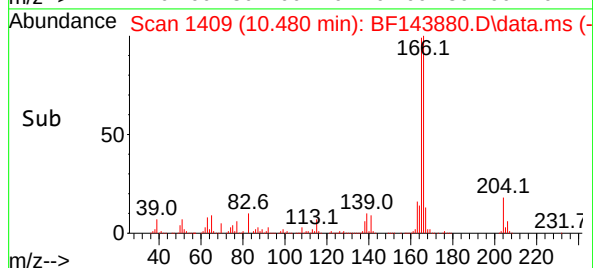
Tgt Ion:165 Resp: 329984
Ion Ratio Lower Upper
165 100
63 49.0 37.2 55.8
89 62.6 49.4 74.2
182 2.3 2.1 3.1

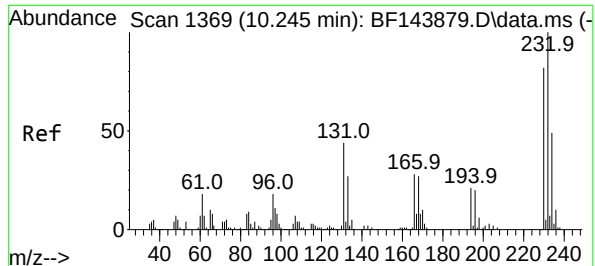


#58
Fluorene
Concen: 41.398 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23



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

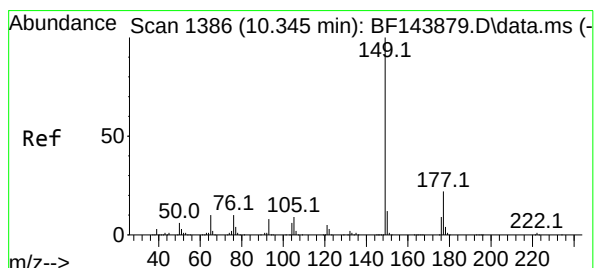
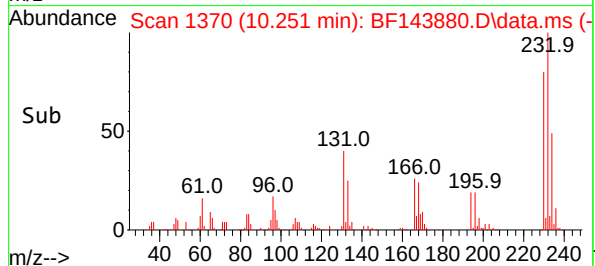
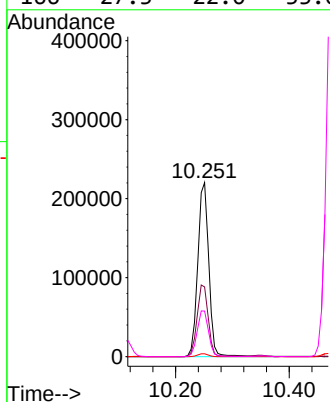
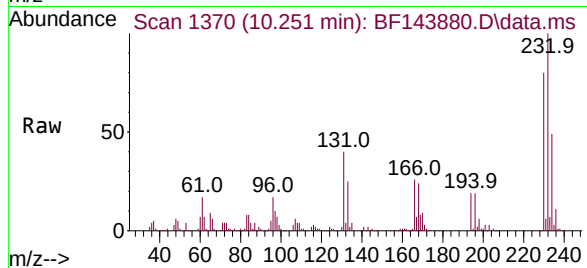




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.591 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

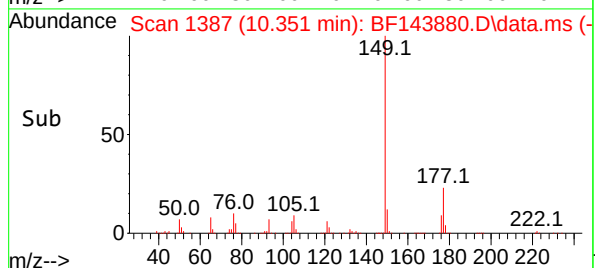
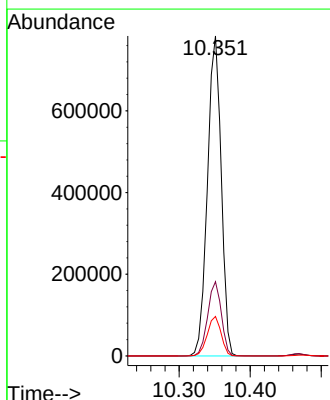
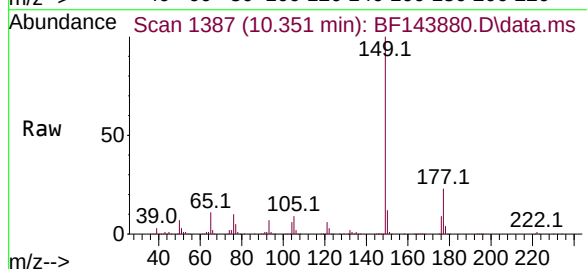
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

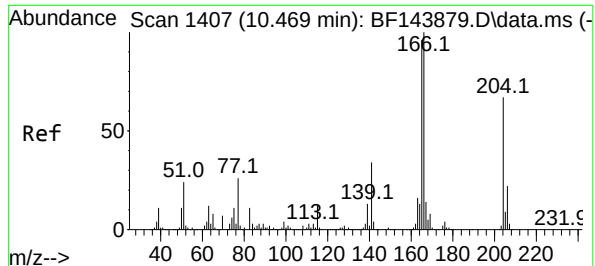
Tgt Ion:232 Resp: 294987
Ion Ratio Lower Upper
232 100
131 41.7 34.9 52.3
130 1.6 1.6 2.4#
166 27.3 22.0 33.0



#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

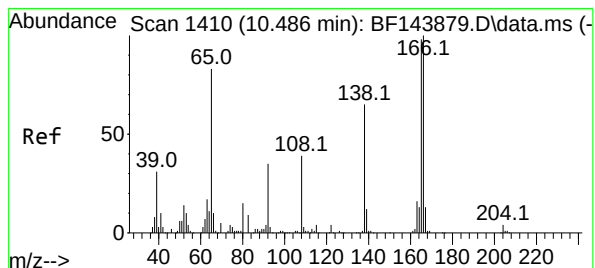
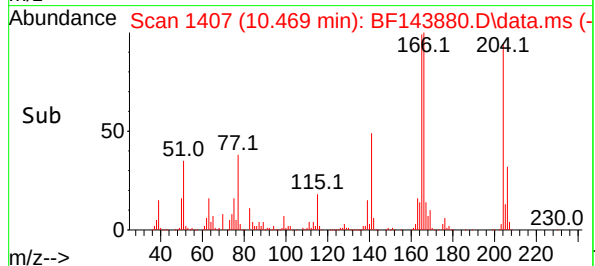
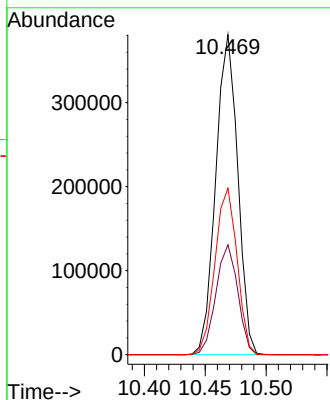
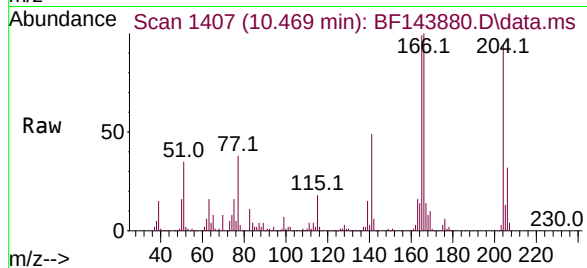




#61
4-Chlorophenyl-phenylether
Concen: 42.311 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

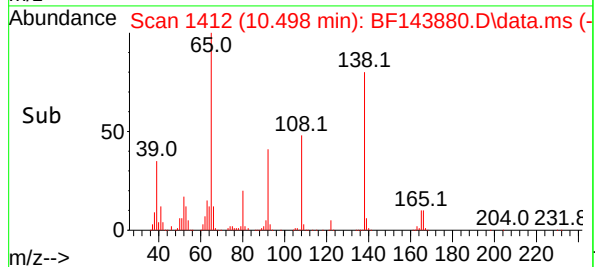
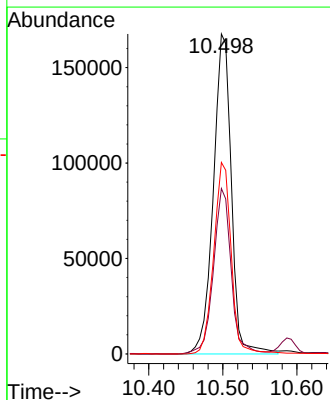
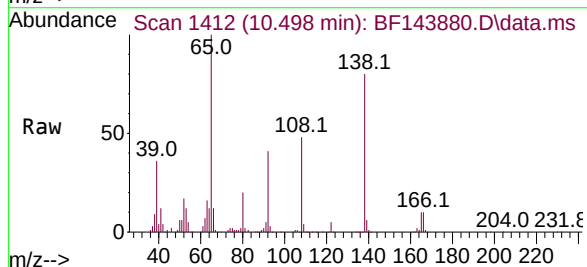
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

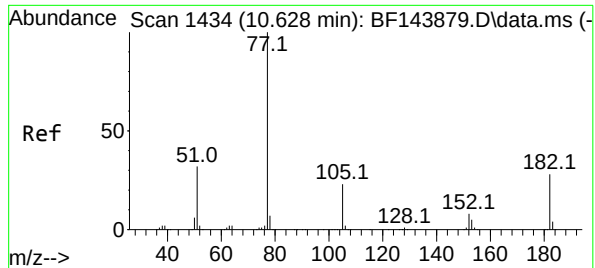
Tgt Ion:204 Resp: 477108
Ion Ratio Lower Upper
204 100
206 34.3 26.6 40.0
141 52.0 40.4 60.6



#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

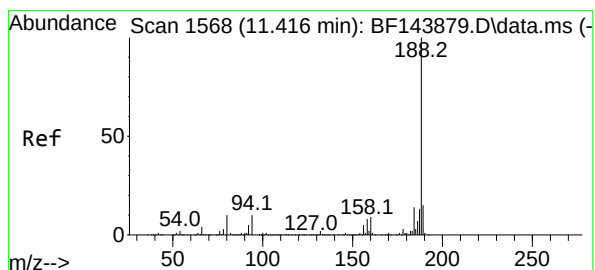
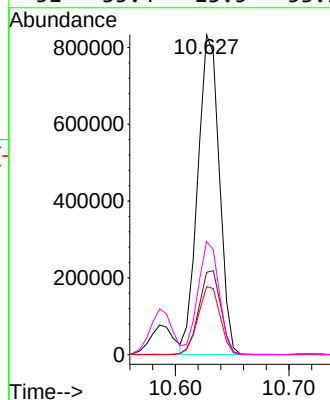
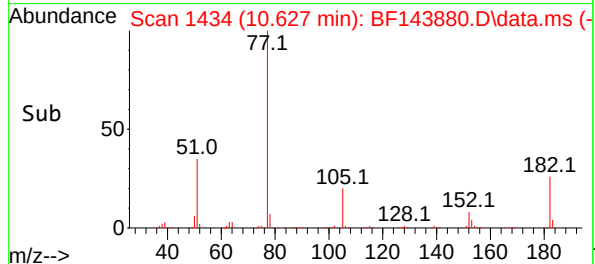
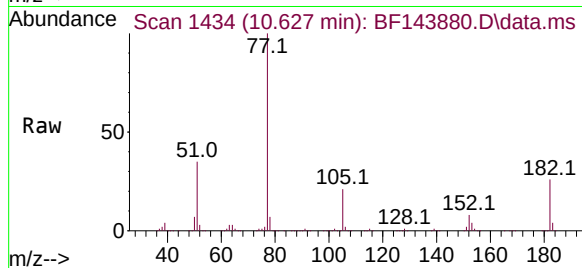




#63
Azobenzene
Concen: 45.178 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

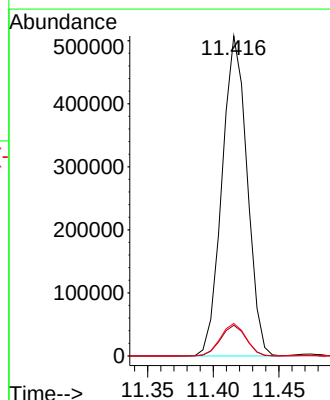
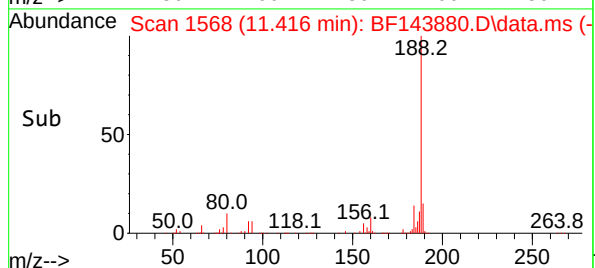
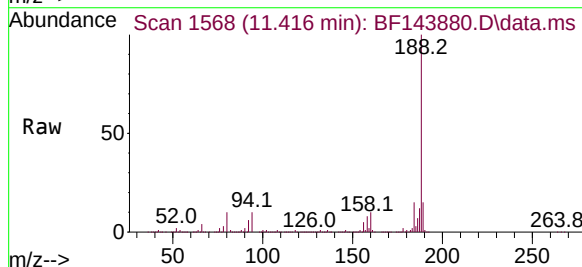
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

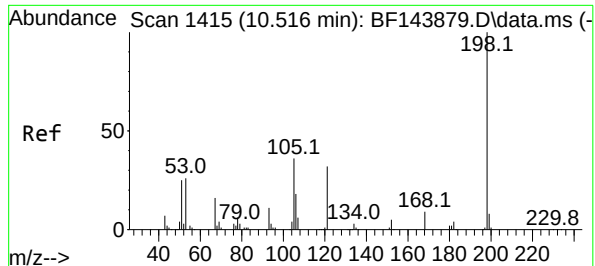
Tgt Ion: 77 Resp: 1096875
Ion Ratio Lower Upper
77 100
182 25.7 7.3 47.3
105 21.2 3.0 43.0
51 35.4 13.5 53.5



#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

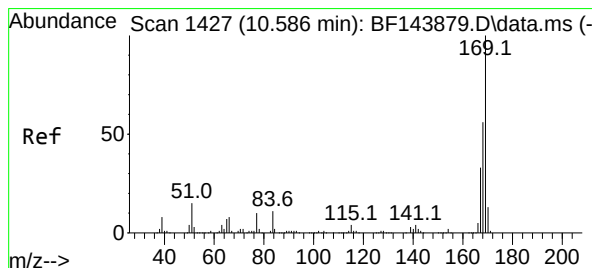
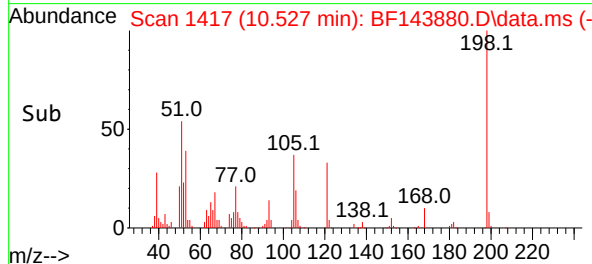
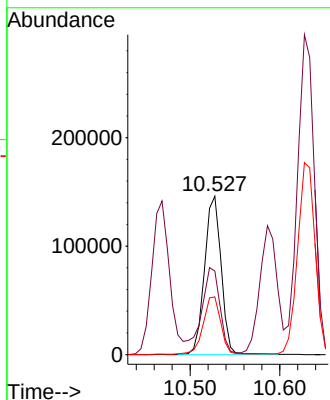
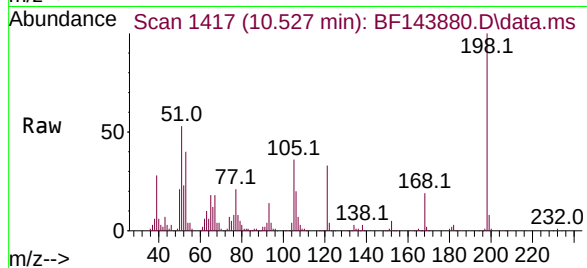




#65
4,6-Dinitro-2-methylphenol
Concen: 55.558 ng
RT: 10.527 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

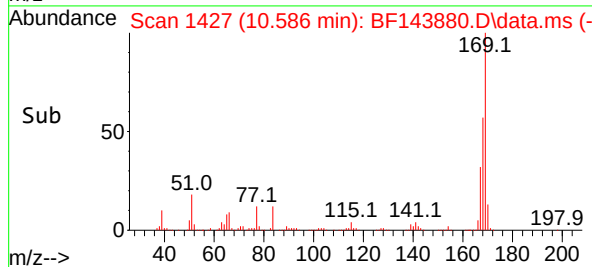
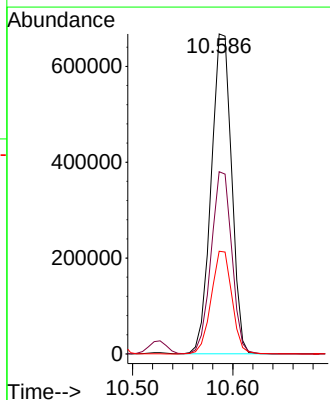
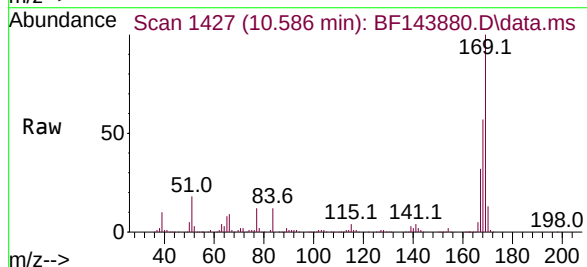
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

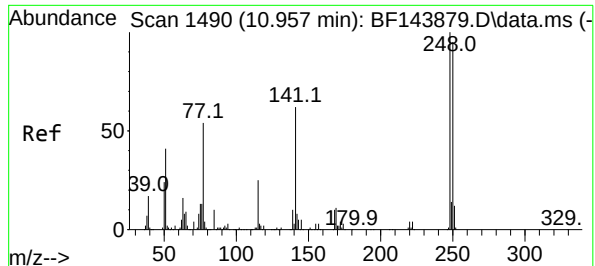
Tgt Ion:198 Resp: 188400
Ion Ratio Lower Upper
198 100
51 52.8 33.8 73.8
105 36.4 17.0 57.0



#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# 1490

Delta R.T. 0.000 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

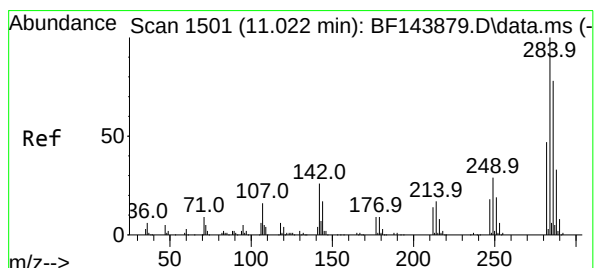
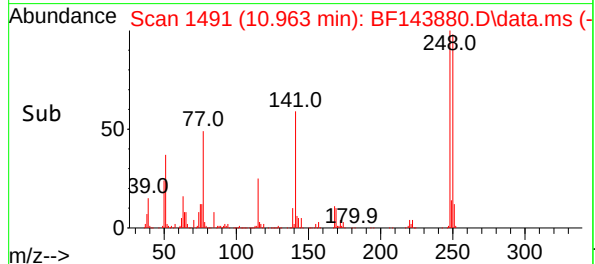
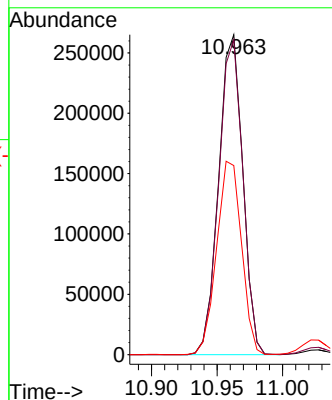
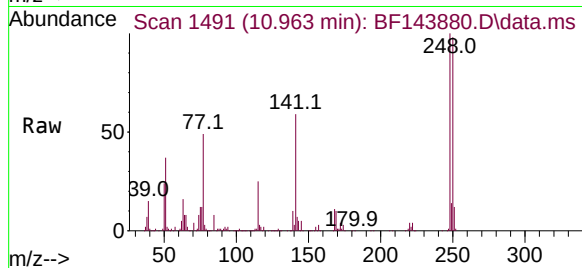
Tgt Ion:248 Resp: 339818

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

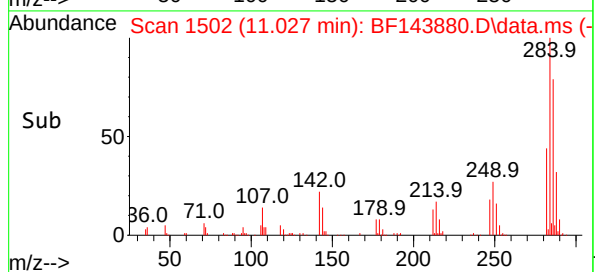
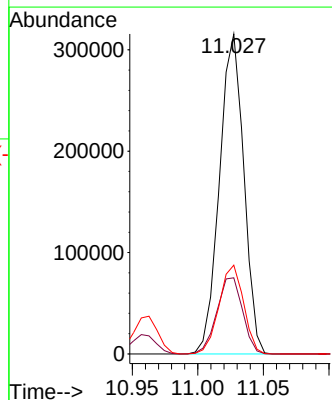
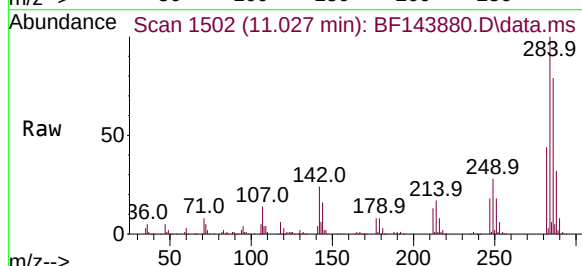
Tgt Ion:284 Resp: 407614

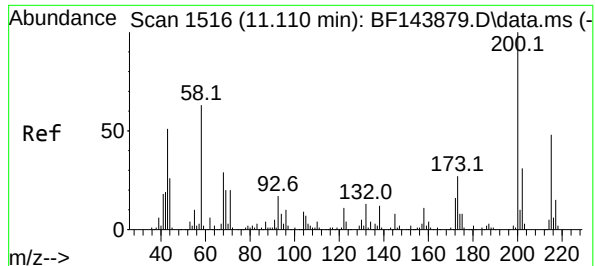
Ion Ratio Lower Upper

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

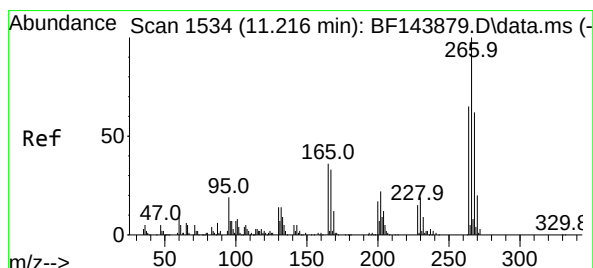
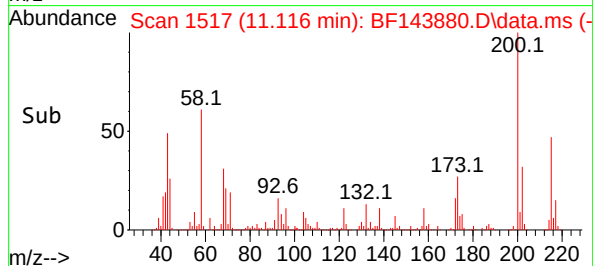
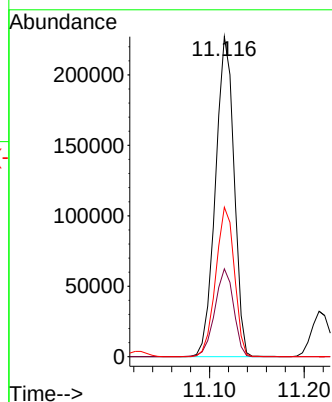
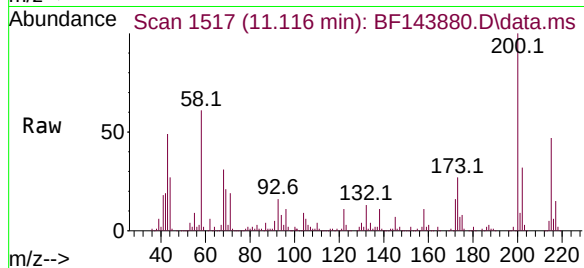
Tgt Ion:200 Resp: 309799

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

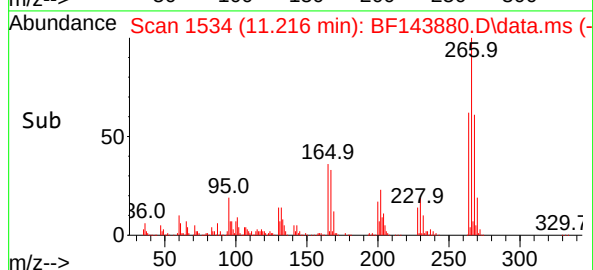
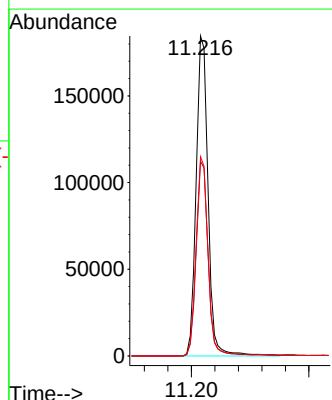
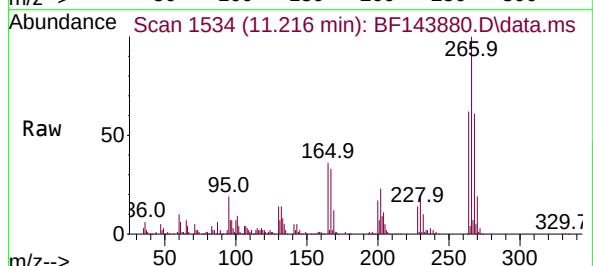
Tgt Ion:266 Resp: 259359

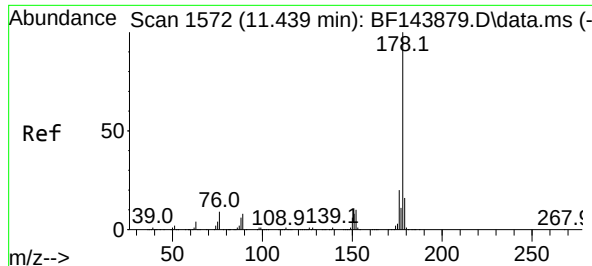
Ion Ratio Lower Upper

266 100

268 60.8 49.4 74.0

264 62.2 51.8 77.6

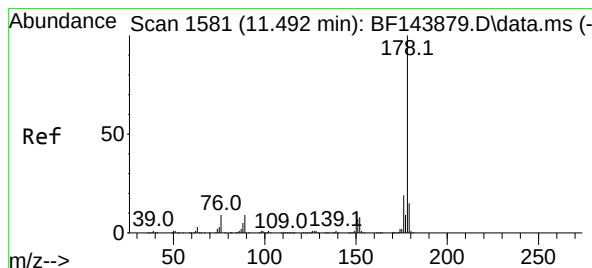
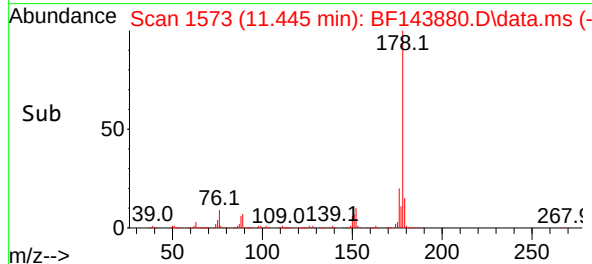
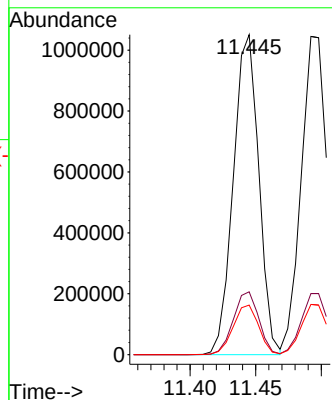
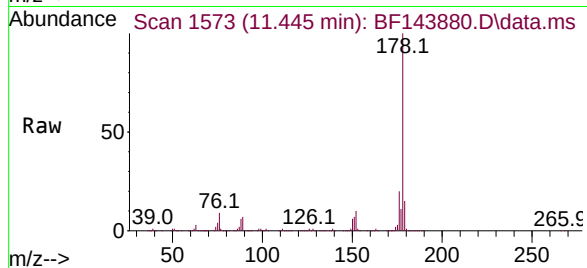




#71
Phenanthrene
Concen: 43.395 ng
RT: 11.445 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

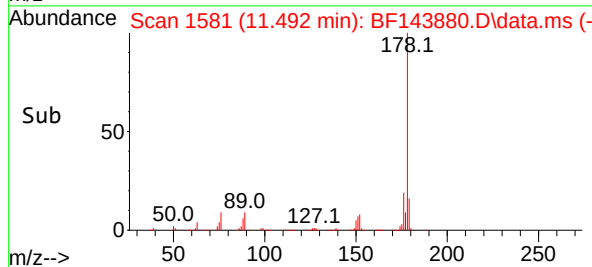
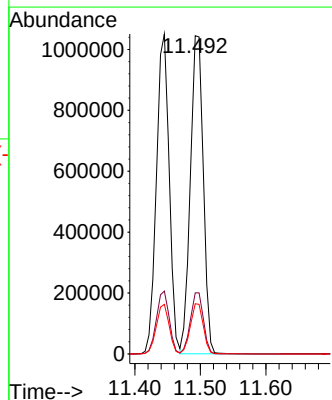
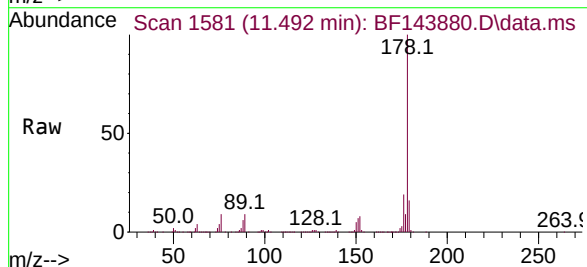
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

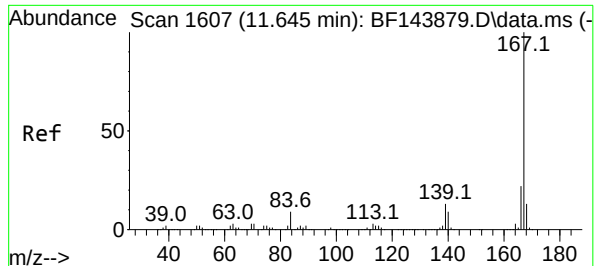
Tgt Ion:178 Resp: 1419666
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.5 12.4 18.6



#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

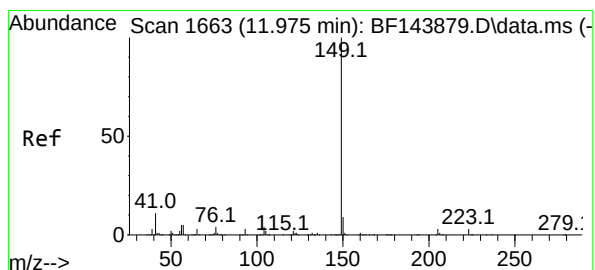
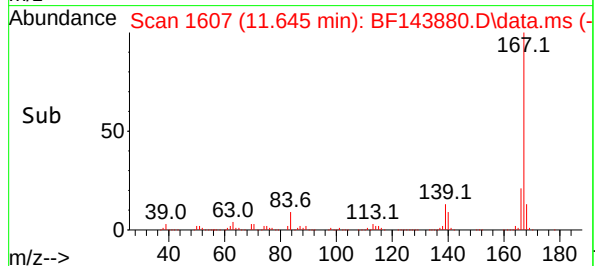
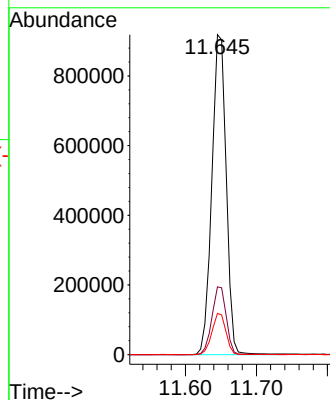
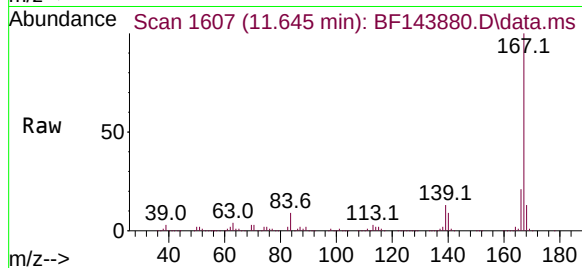




#73
Carbazole
Concen: 44.139 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

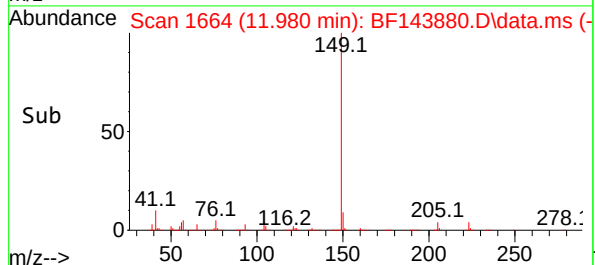
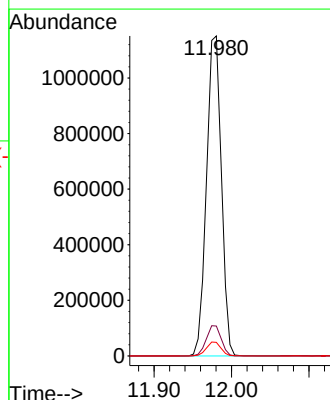
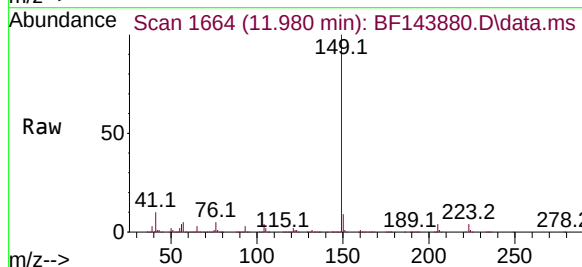
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

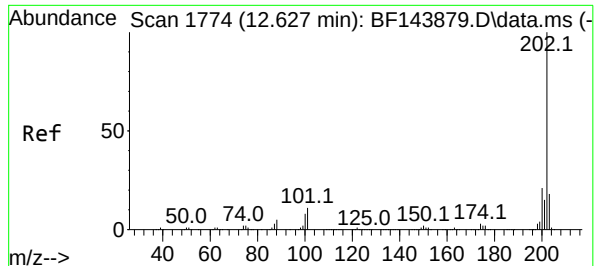
Tgt Ion:167 Resp: 1291982
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.9 10.1 15.1



#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

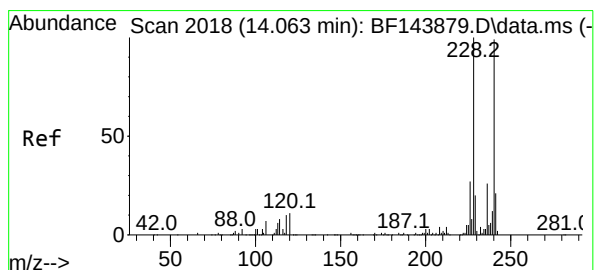
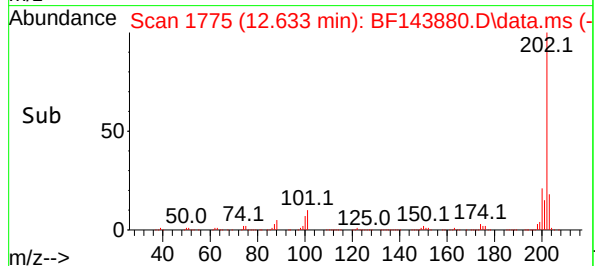
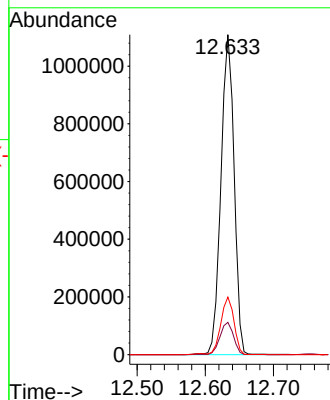
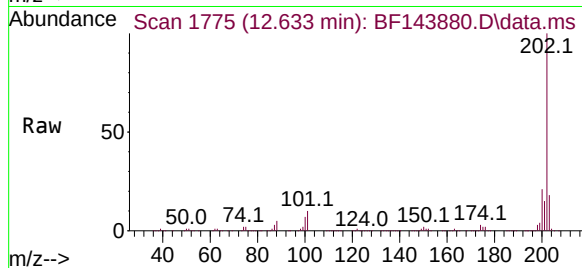




#75
Fluoranthene
Concen: 43.744 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

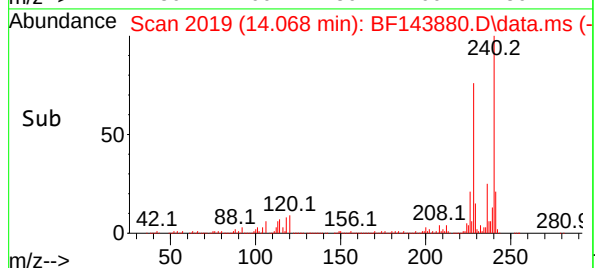
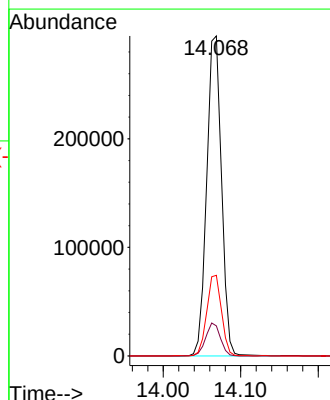
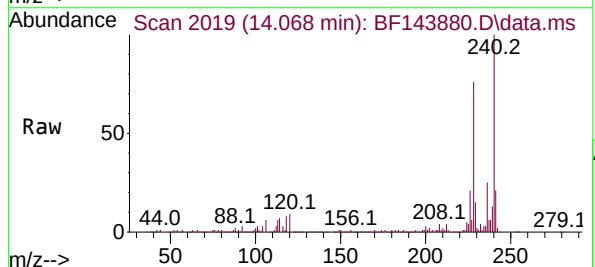
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

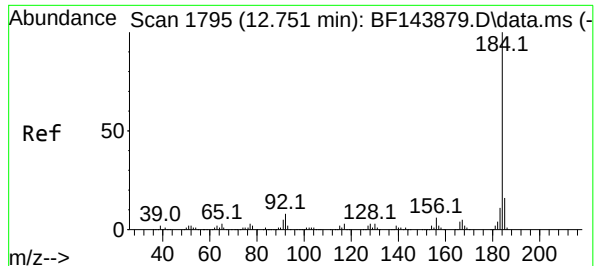
Tgt Ion:202 Resp: 1478181
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.7
203 18.0 0.0 37.8



#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# 1795

Delta R.T. -0.006 min

Lab File: BF143880.D

Acq: 06 Oct 2025 13:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

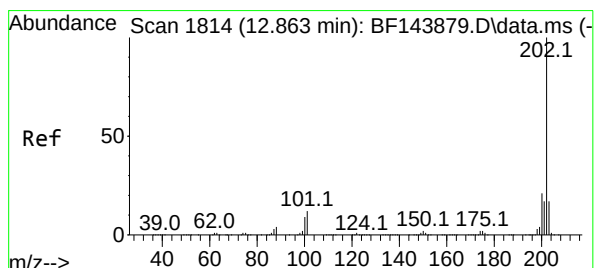
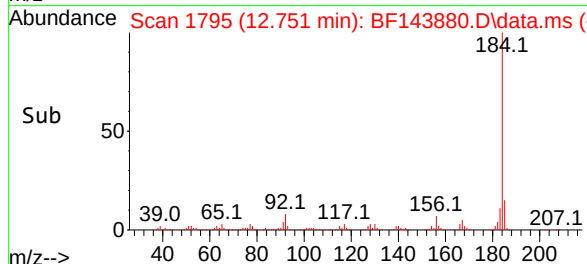
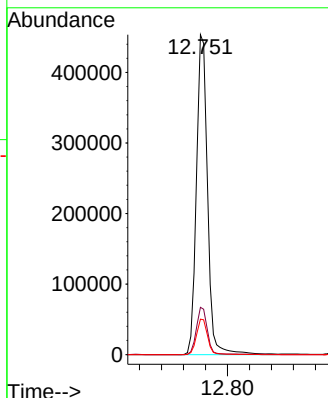
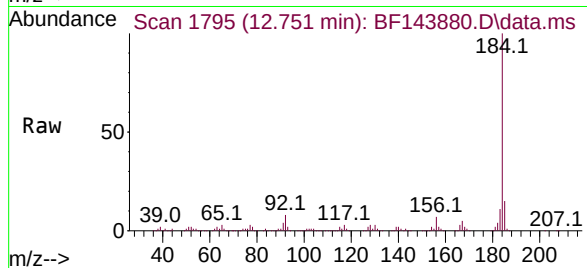
Tgt Ion:184 Resp: 636126

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

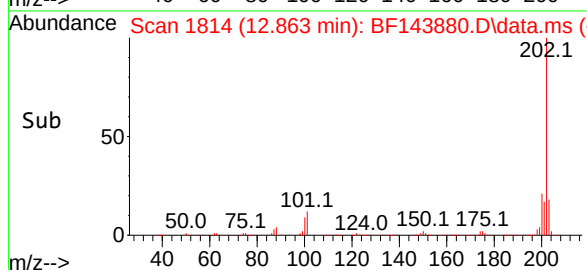
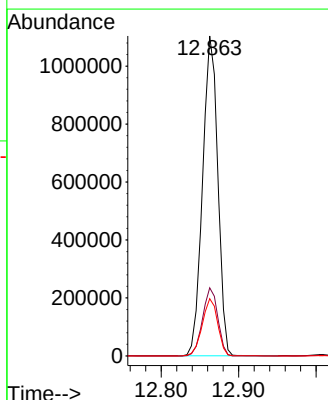
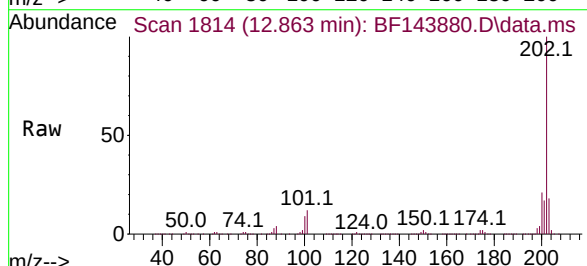
Tgt Ion:202 Resp: 1505326

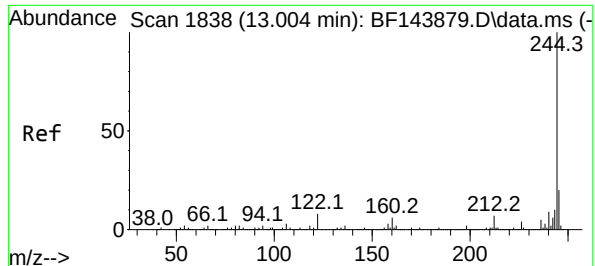
Ion Ratio Lower Upper

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

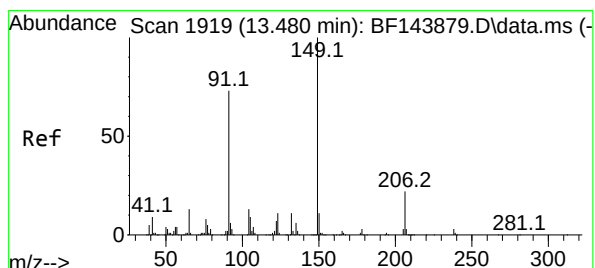
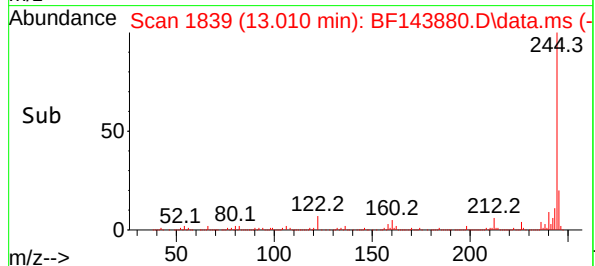
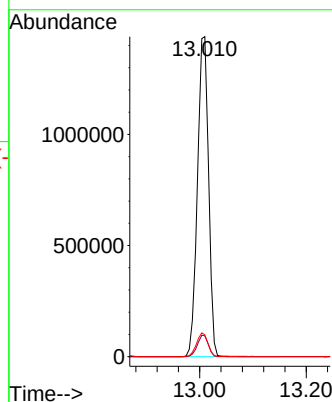
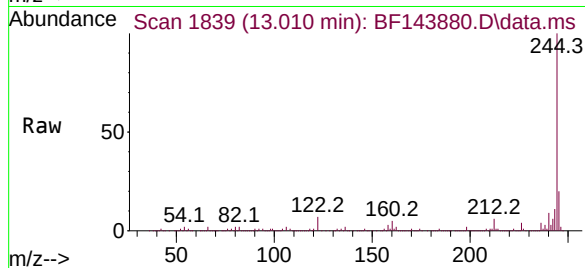
Tgt Ion:244 Resp: 2083463

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

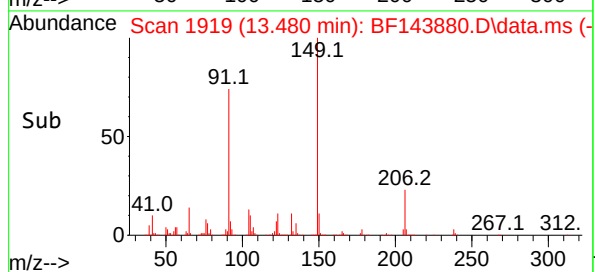
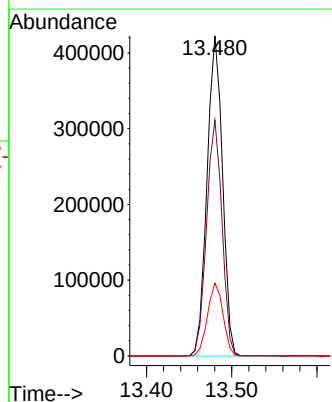
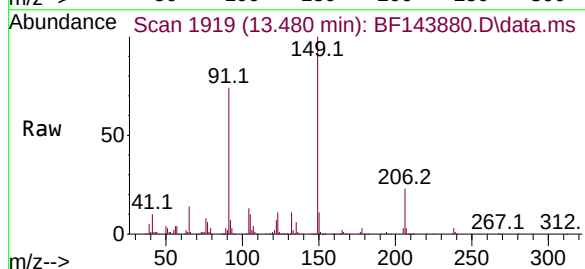
Tgt Ion:149 Resp: 532754

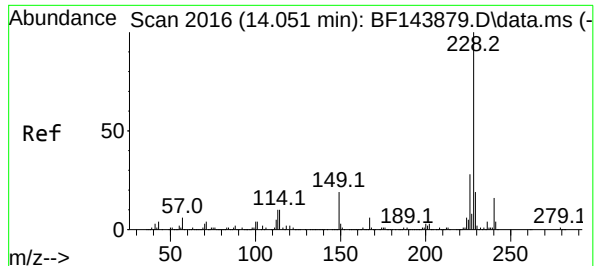
Ion Ratio Lower Upper

149 100

91 73.6 58.2 87.2

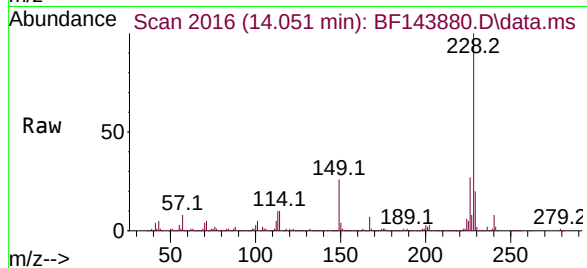
206 22.8 17.9 26.9



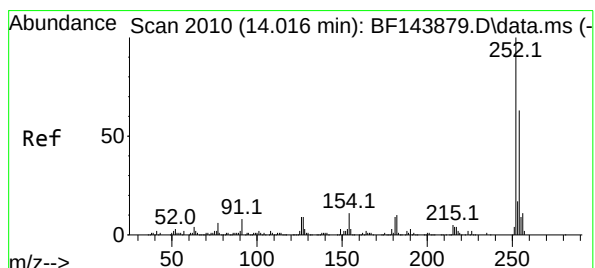
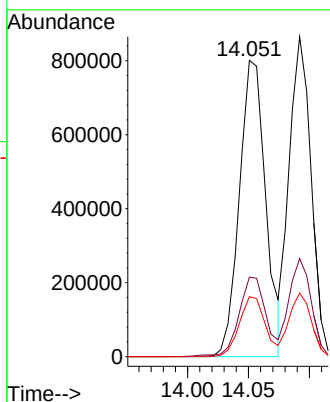
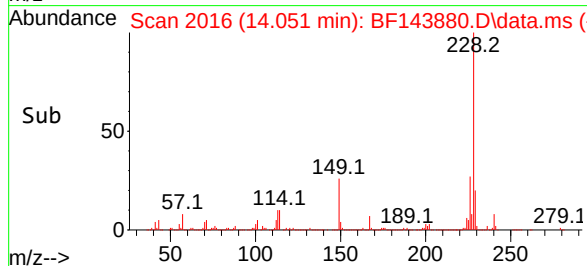


#81
Benzo(a)anthracene
Concen: 47.075 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

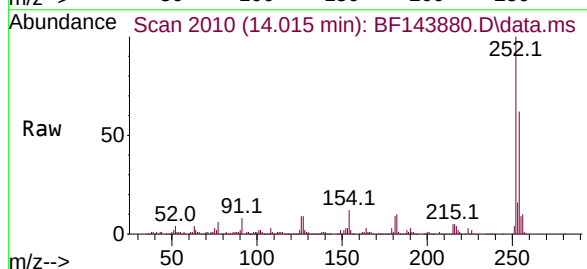
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



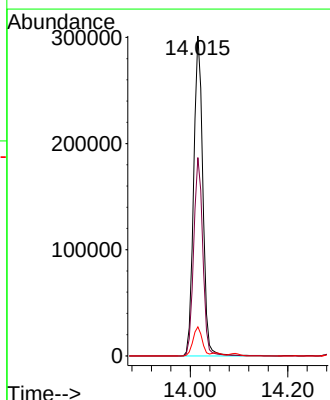
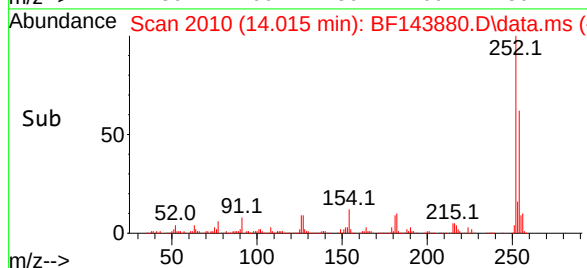
Tgt Ion:228 Resp: 1203843
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.2
229 20.2 15.6 23.4

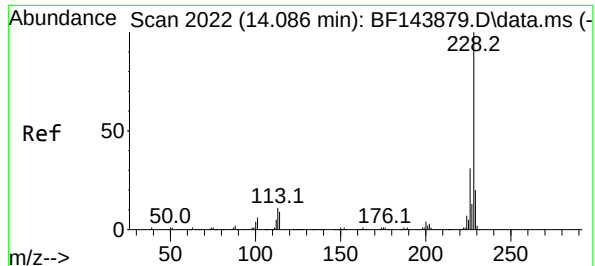


#82
3,3'-Dichlorobenzidine
Concen: 50.214 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23



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

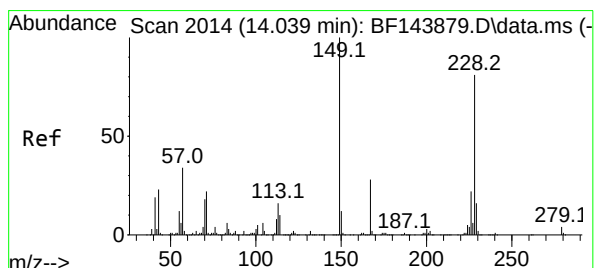
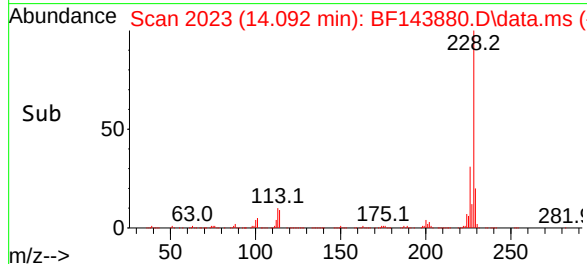
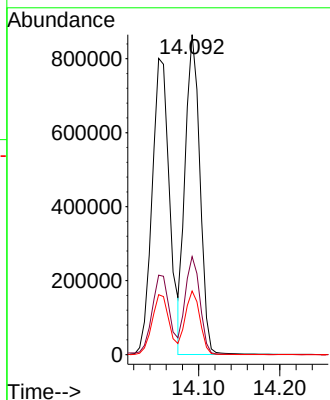
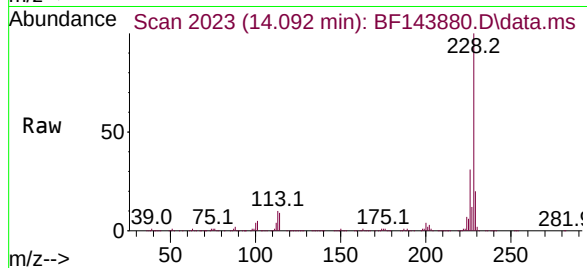




#83
Chrysene
Concen: 46.065 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

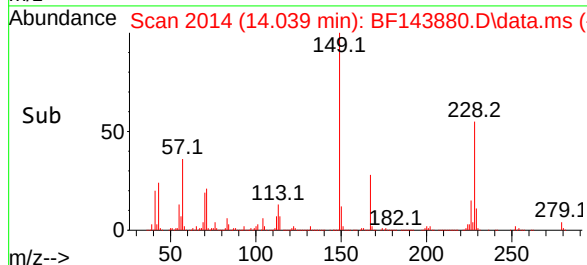
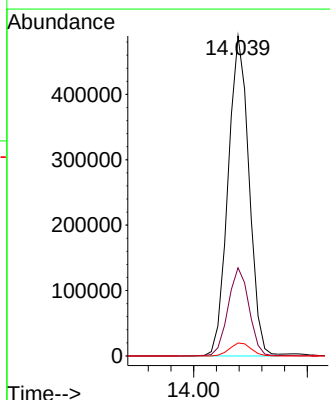
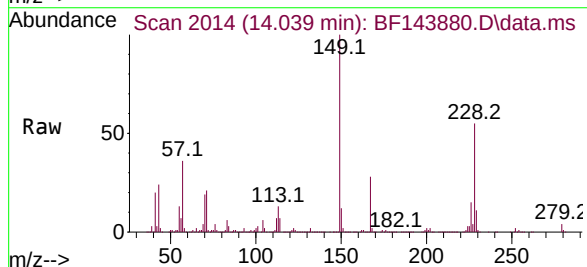
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

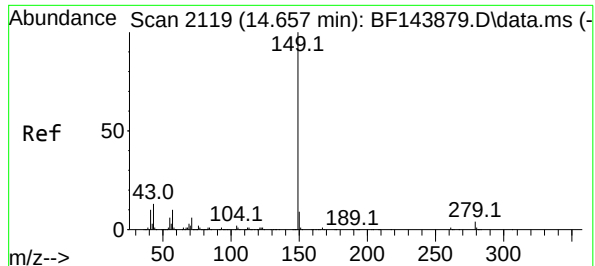
Tgt Ion:228 Resp: 1090275
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.9 15.9 23.9



#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

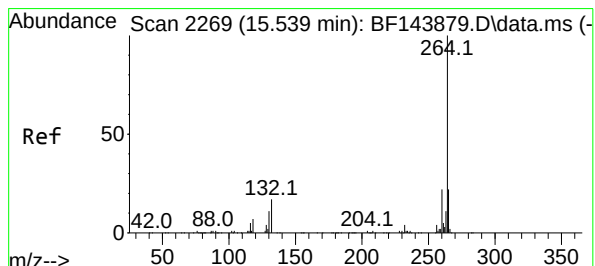
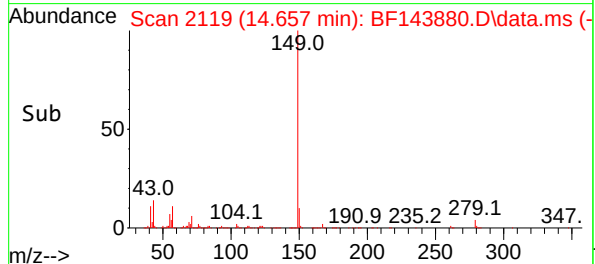
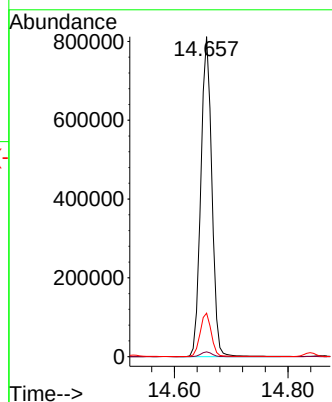
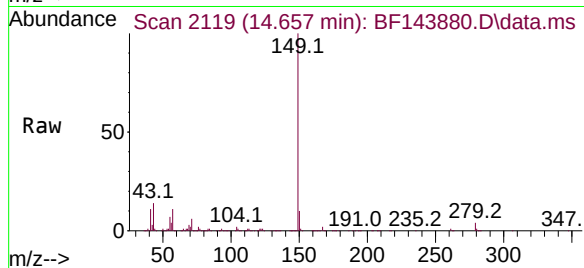




#85
Di-n-octyl phthalate
Concen: 51.691 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

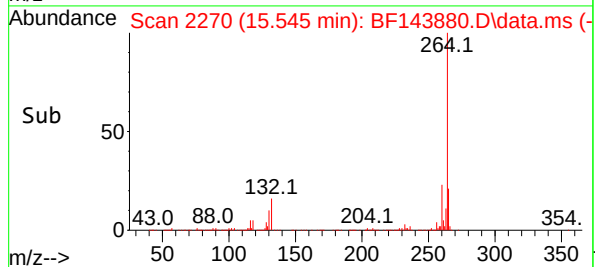
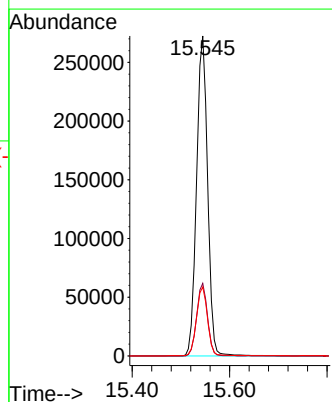
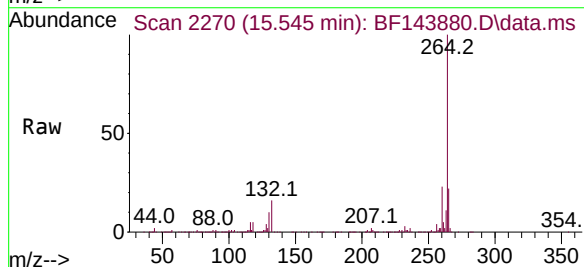
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

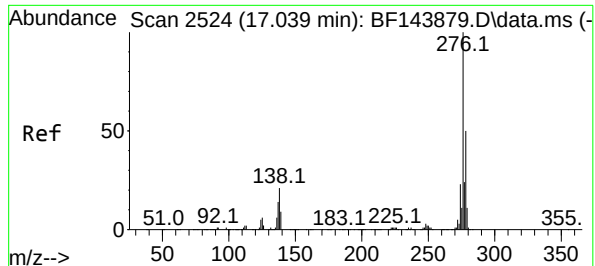
Tgt Ion:149 Resp: 1082833
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.9 11.0 16.4



#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

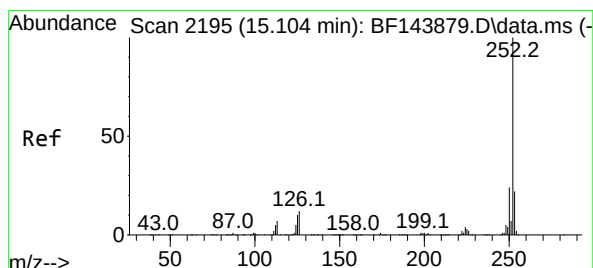
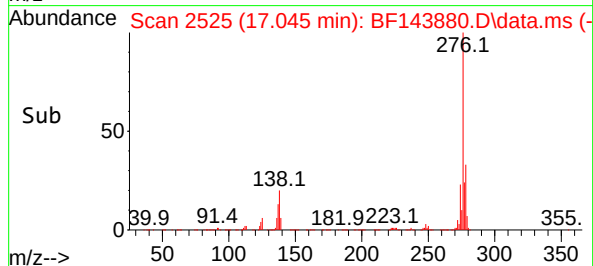
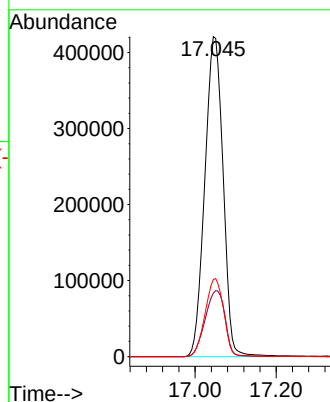
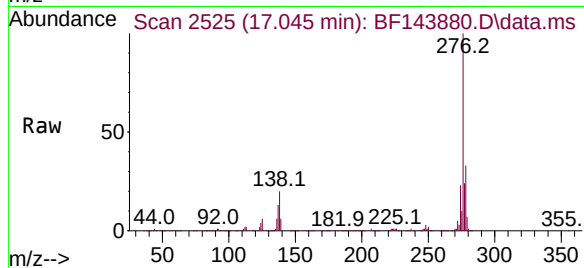
Tgt Ion:276 Resp: 1316167

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

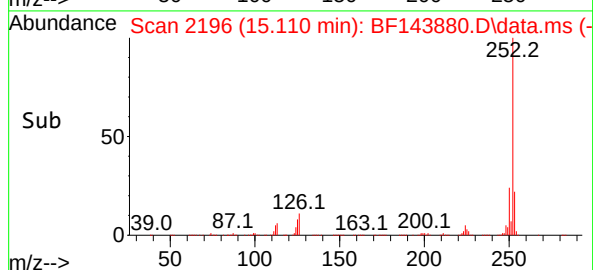
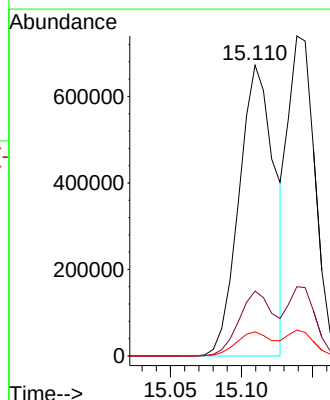
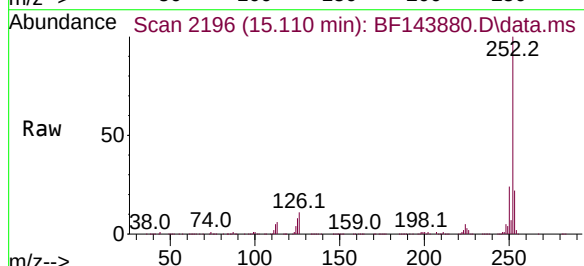
Tgt Ion:252 Resp: 1167220

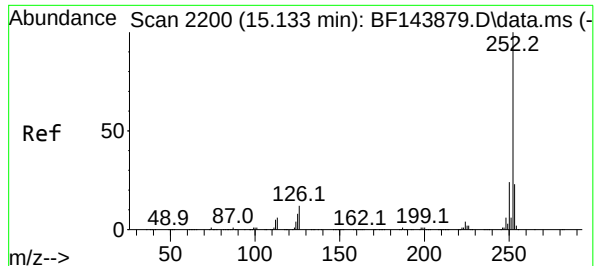
Ion Ratio Lower Upper

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

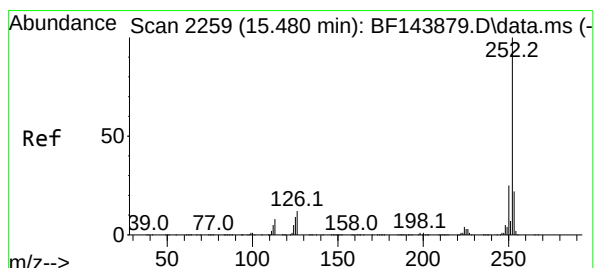
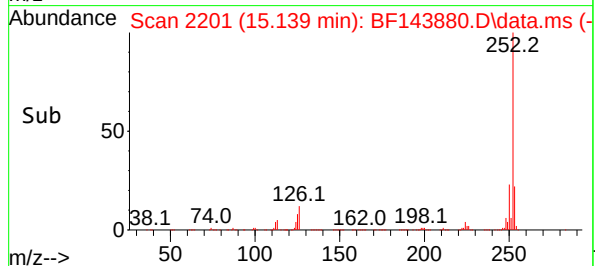
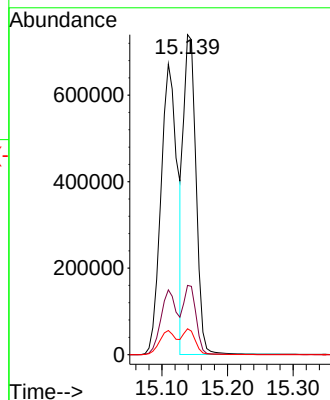
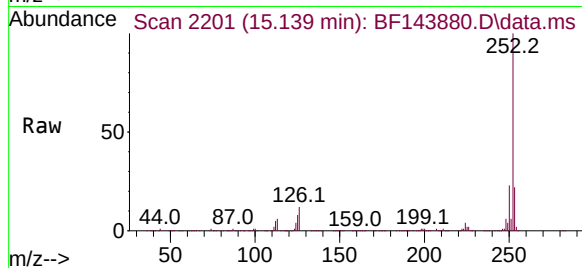
Tgt Ion:252 Resp: 983488

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

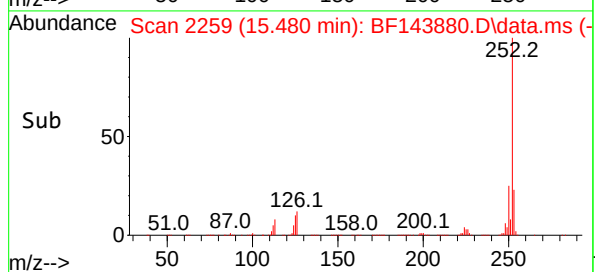
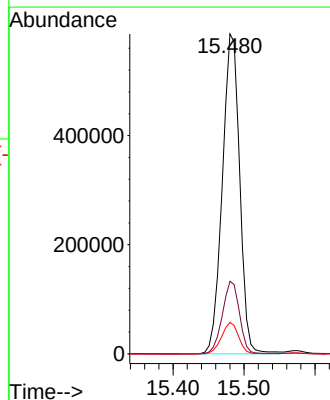
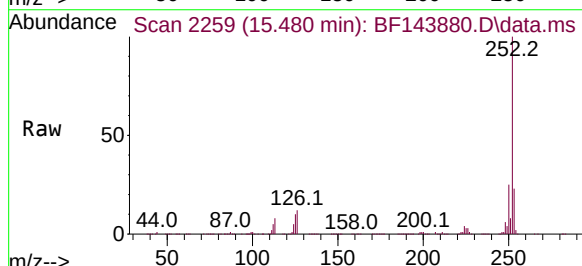
Tgt Ion:252 Resp: 997382

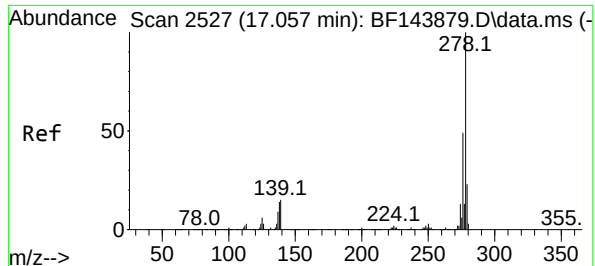
Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 9.8 7.0 10.4

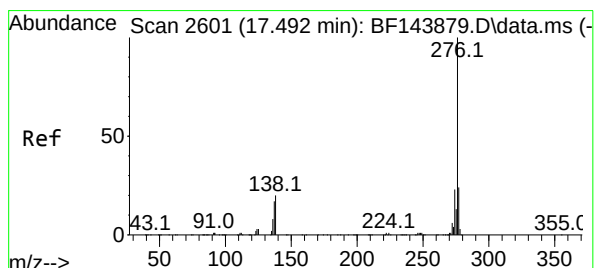
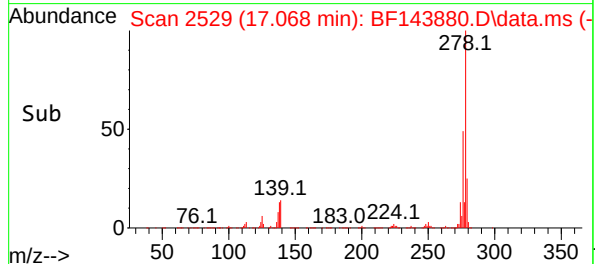
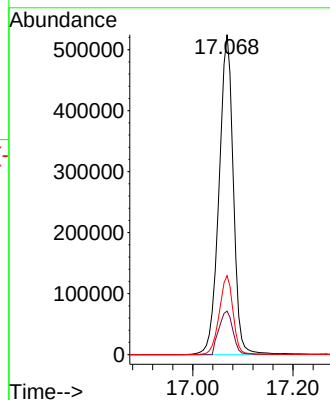
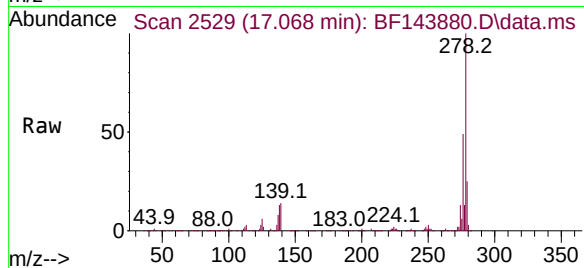




#91
Dibenzo(a,h)anthracene
Concen: 49.457 ng
RT: 17.068 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF143880.D
Acq: 06 Oct 2025 13:23

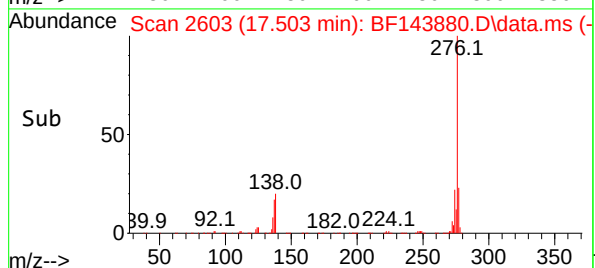
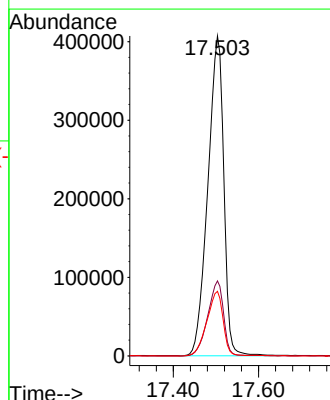
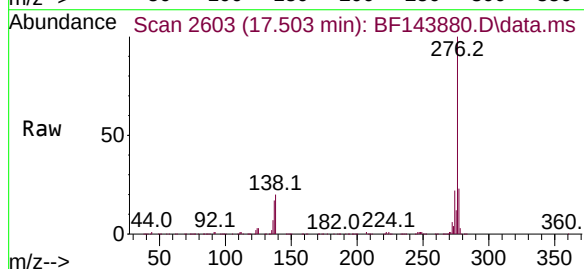
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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

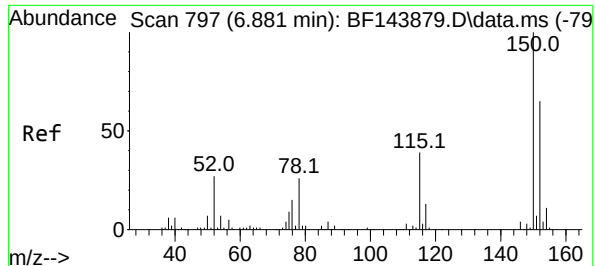
Quant Time: Oct 06 15:38:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

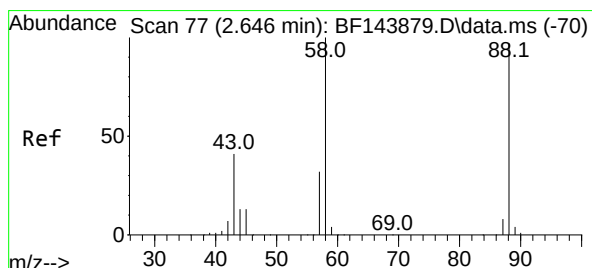
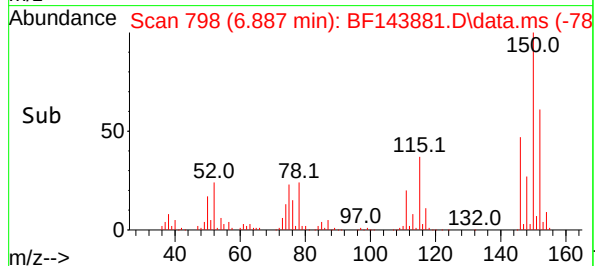
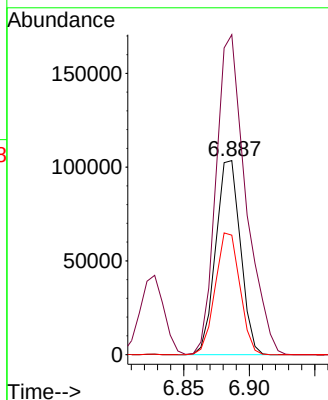
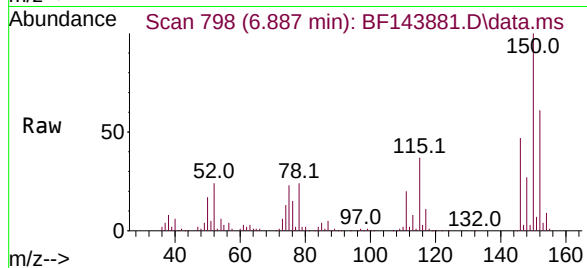
[illegible]



#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

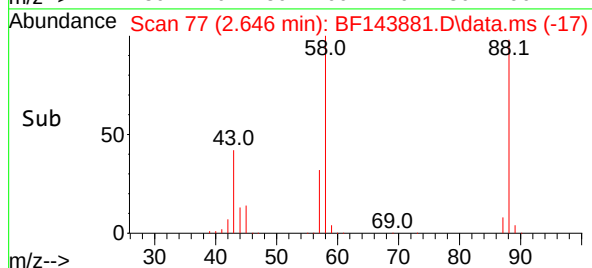
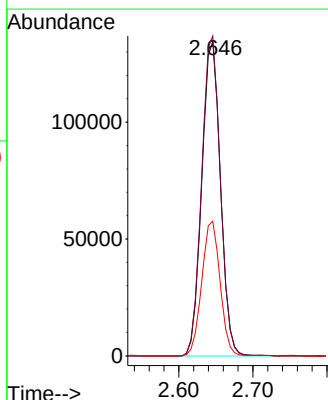
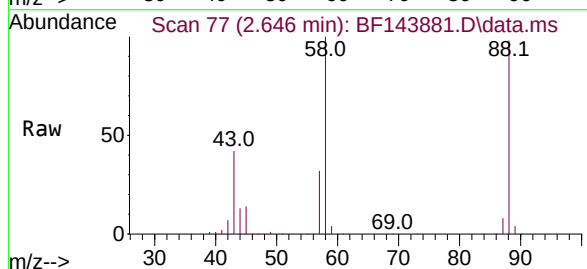
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

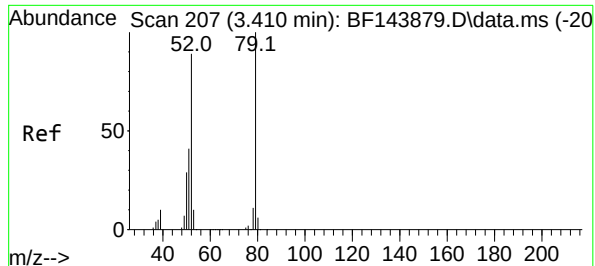
Tgt Ion:152 Resp: 136069
Ion Ratio Lower Upper
152 100
150 165.0 124.4 186.6
115 61.6 48.1 72.1



#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

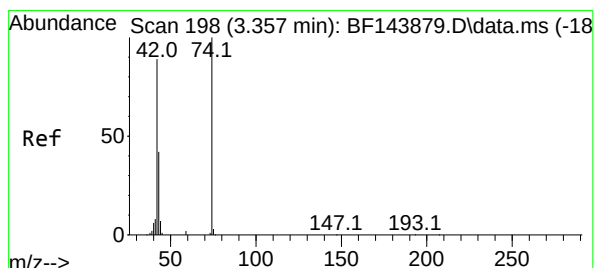
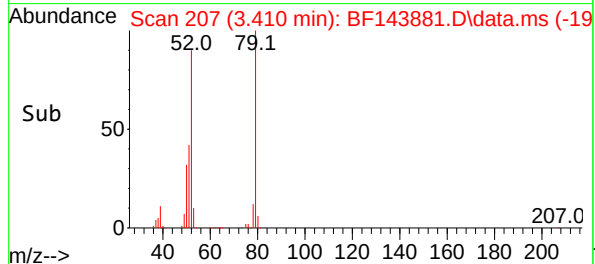
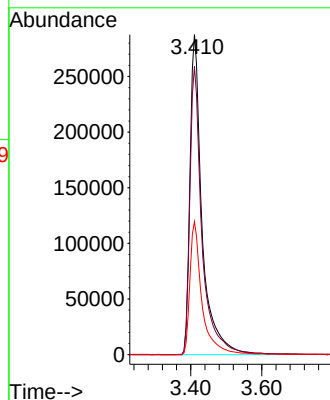
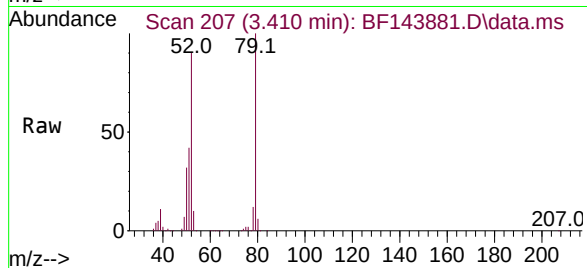
Tgt Ion: 79 Resp: 685786

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

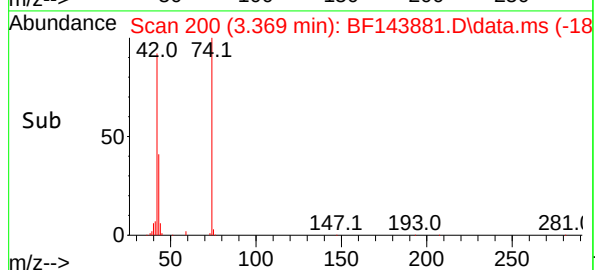
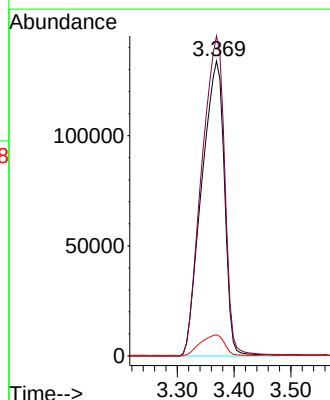
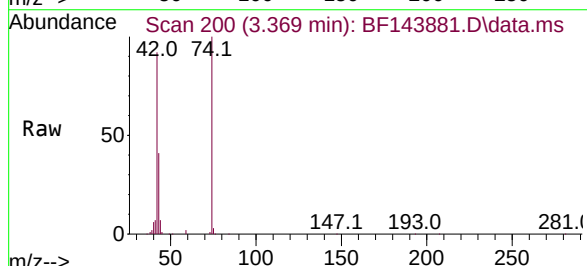
Tgt Ion: 42 Resp: 371223

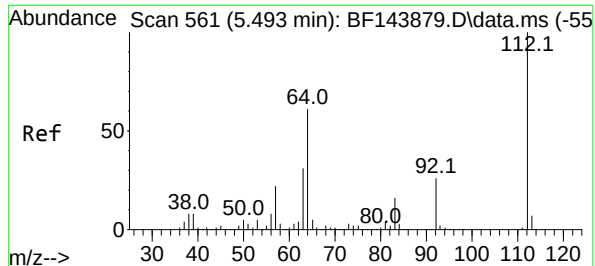
Ion Ratio Lower Upper

42 100

74 108.6 90.0 135.0

44 7.1 6.2 9.2

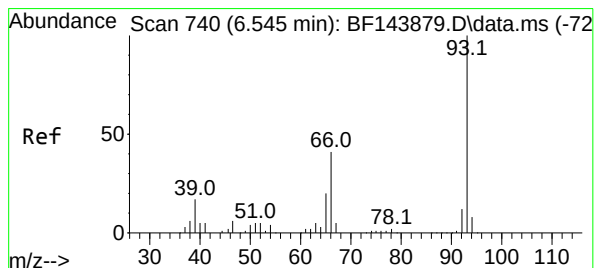
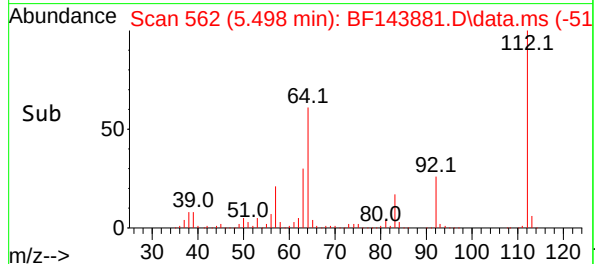
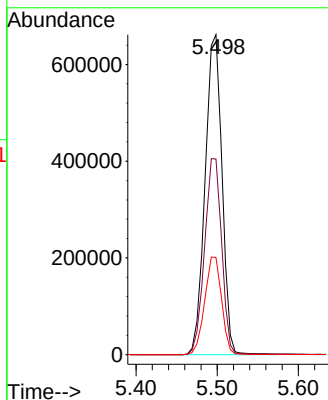
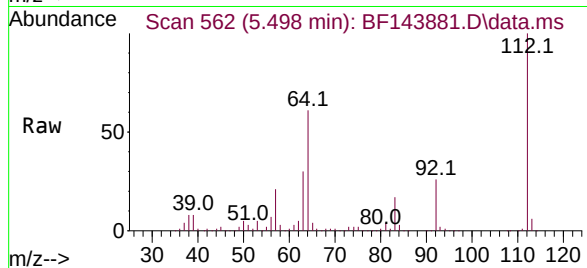




#5
2-Fluorophenol
Concen: 112.181 ng
RT: 5.498 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

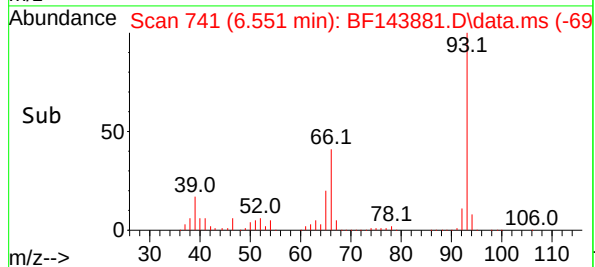
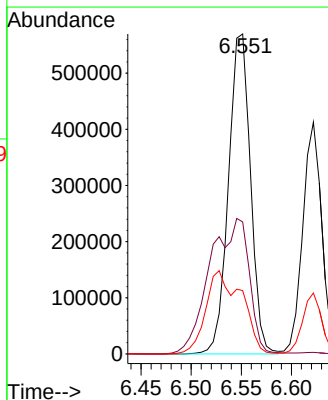
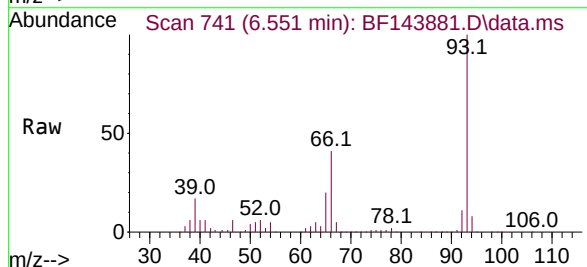
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

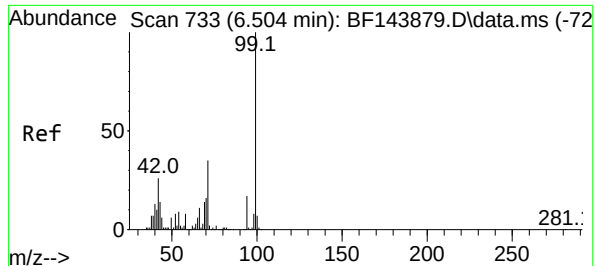
Tgt Ion:112 Resp: 961239
Ion Ratio Lower Upper
112 100
64 61.1 49.1 73.7
63 30.4 24.5 36.7



#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 :

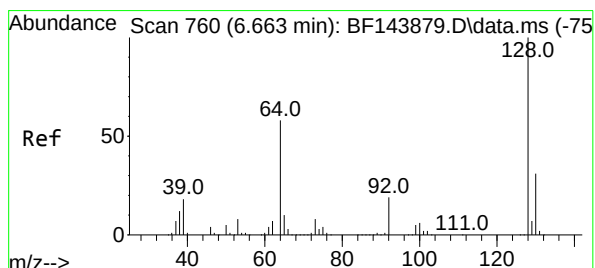
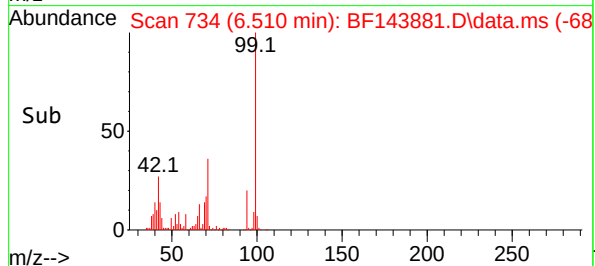
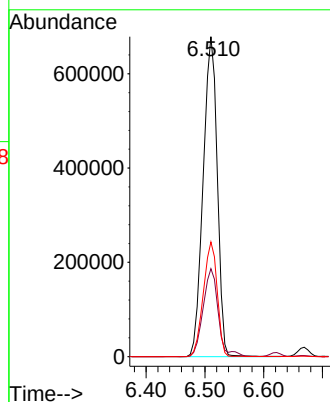
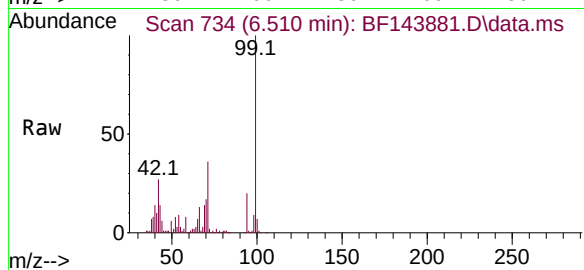
BNA_F

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

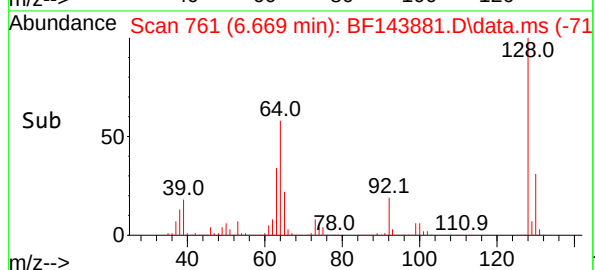
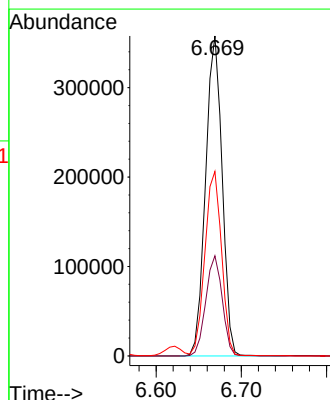
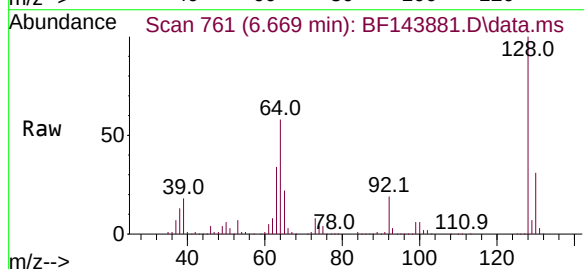
Delta R.T. 0.000 min

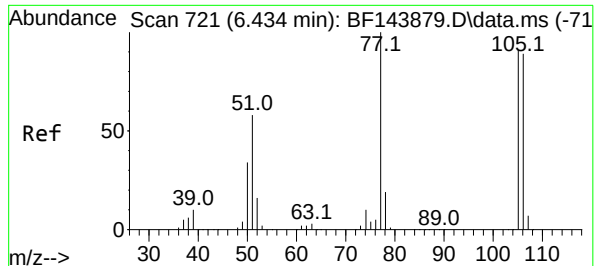
Lab File: BF143881.D

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

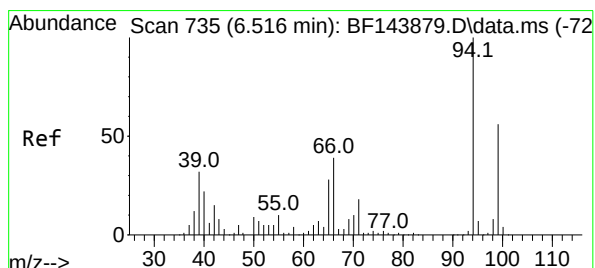
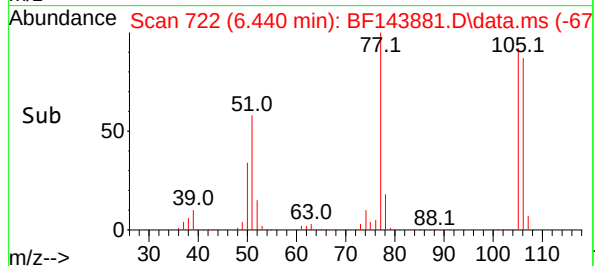
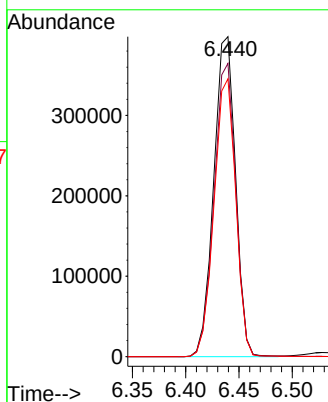
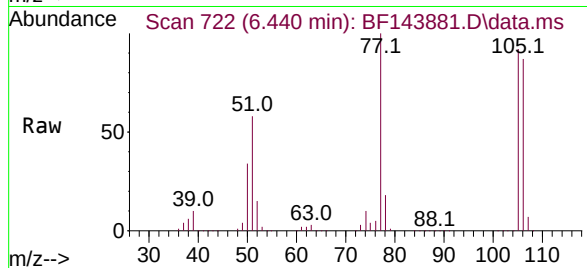
Tgt Ion: 77 Resp: 567228

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

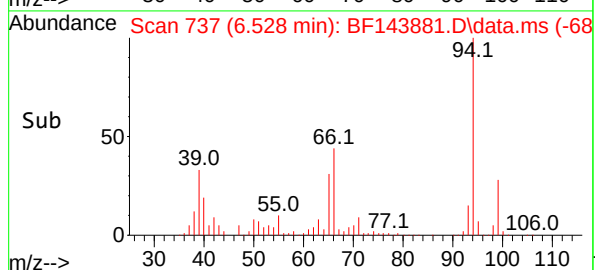
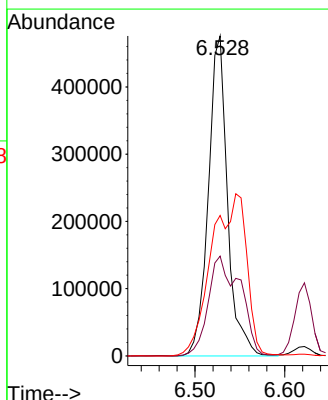
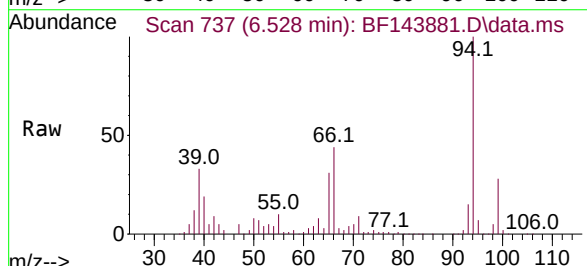
Tgt Ion: 94 Resp: 710019

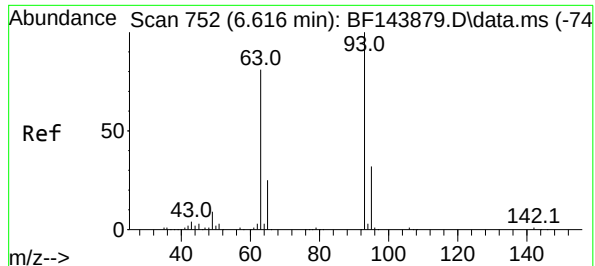
Ion Ratio Lower Upper

94 100

65 31.2 8.5 48.5

66 43.9 19.9 59.9

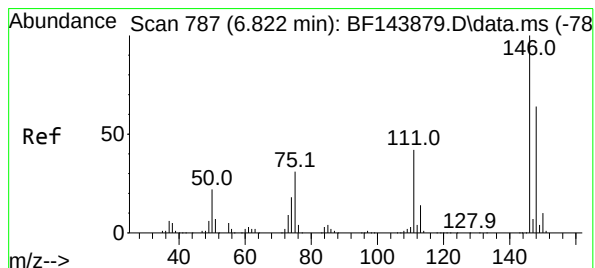
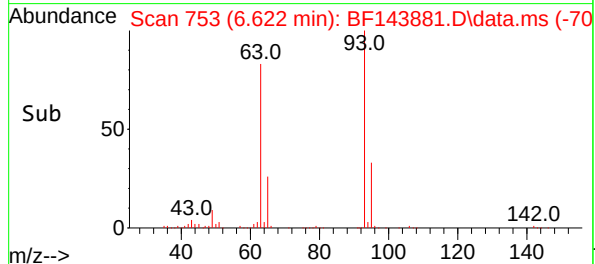
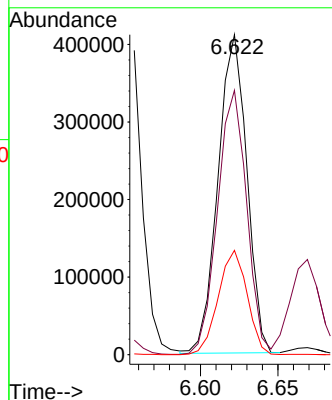
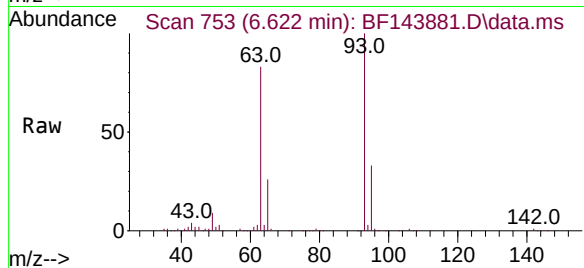




#11
bis(2-Chloroethyl)ether
Concen: 56.337 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

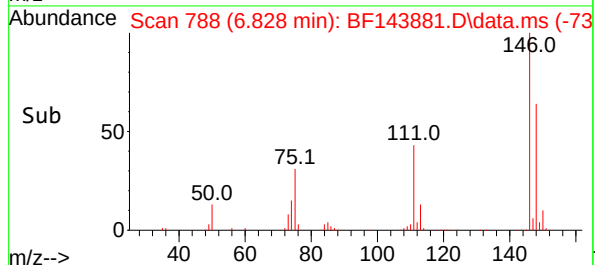
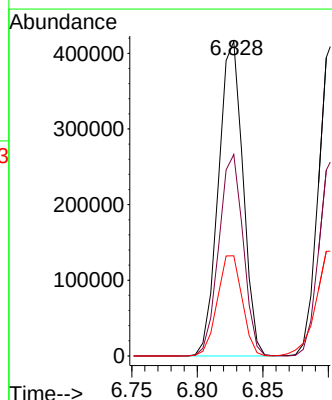
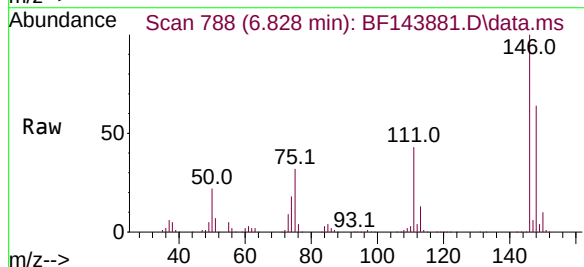
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

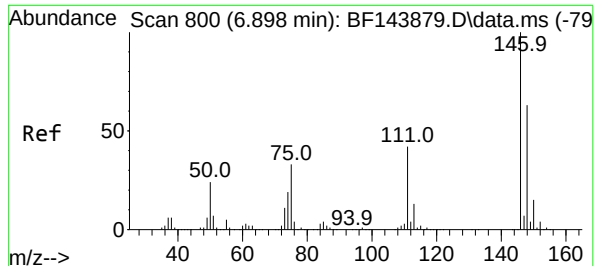
Tgt Ion: 93 Resp: 531386
Ion Ratio Lower Upper
93 100
63 82.6 60.9 100.9
95 32.6 11.5 51.5



#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# 801

Delta R.T. 0.000 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

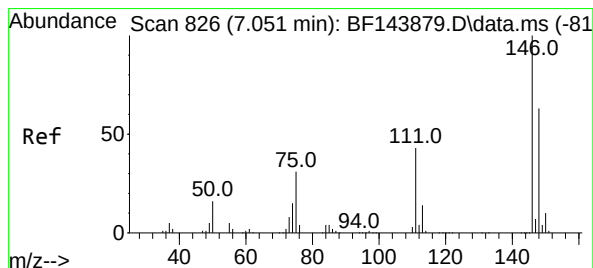
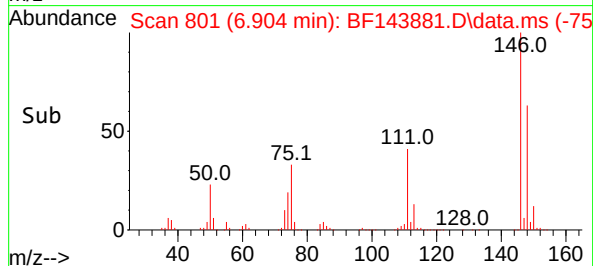
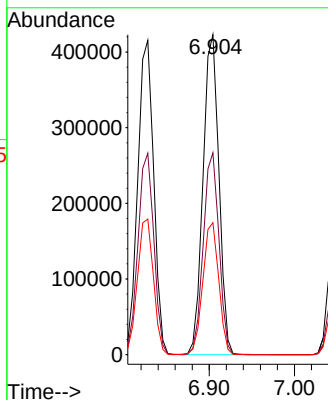
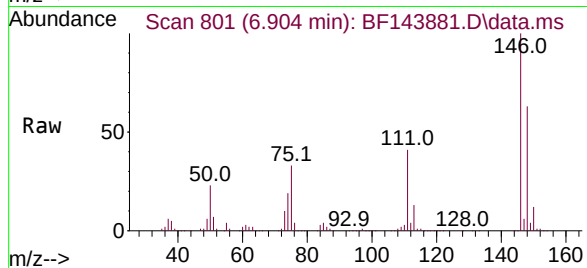
Tgt Ion:146 Resp: 547027

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

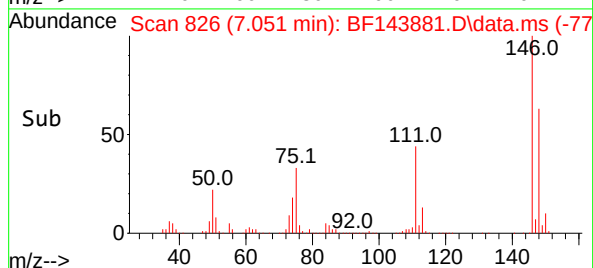
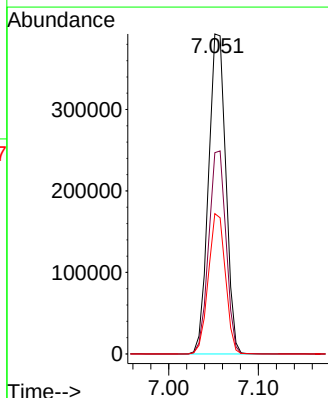
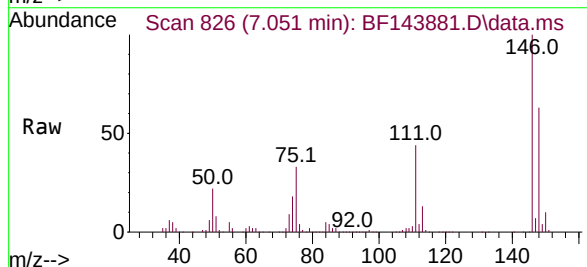
Tgt Ion:146 Resp: 525807

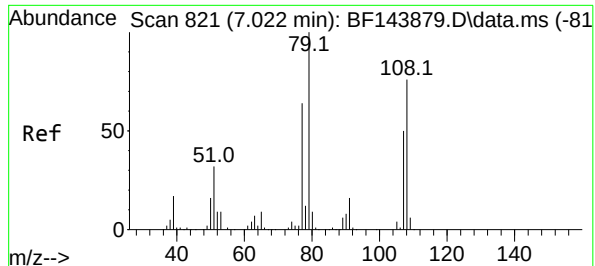
Ion Ratio Lower Upper

146 100

148 62.9 50.6 75.8

111 43.8 34.6 51.8

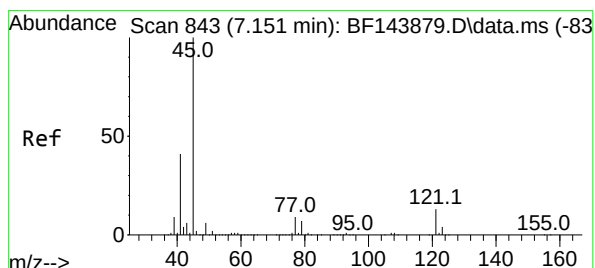
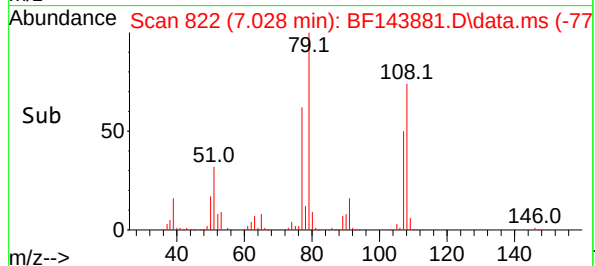
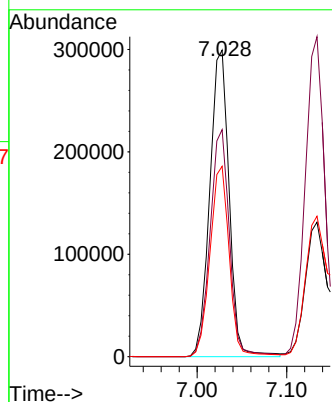
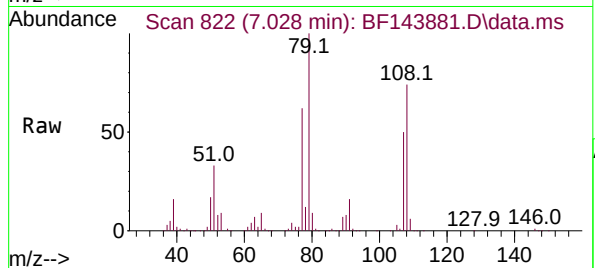




#15
Benzyl Alcohol
Concen: 58.880 ng
RT: 7.028 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

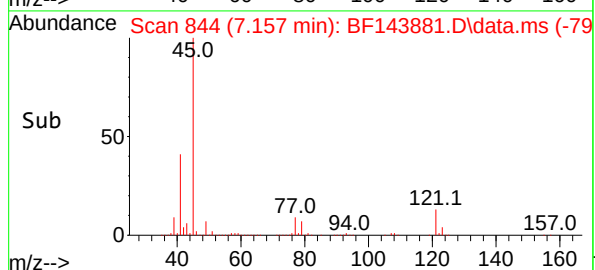
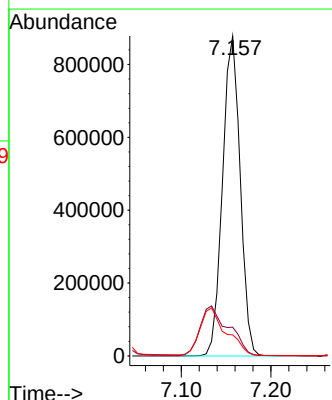
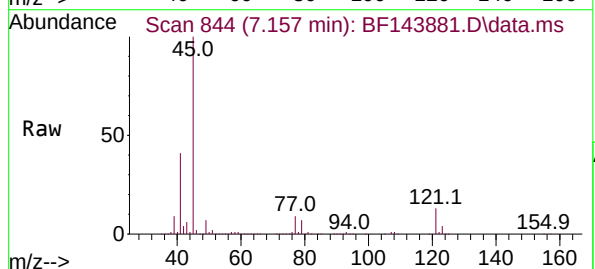
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

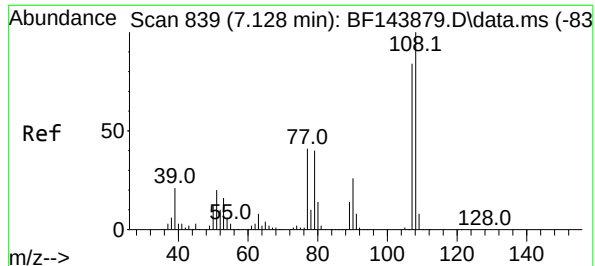
Tgt Ion: 79 Resp: 450578
Ion Ratio Lower Upper
79 100
108 74.1 60.8 91.2
77 62.1 51.0 76.6



#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

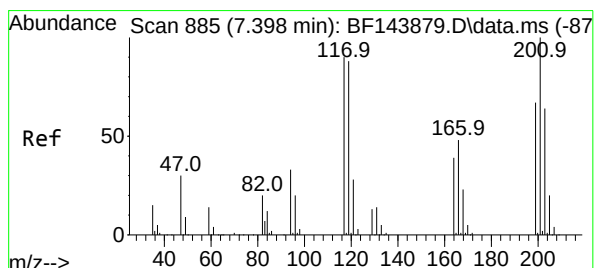
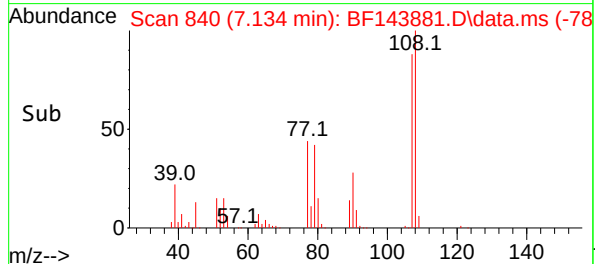
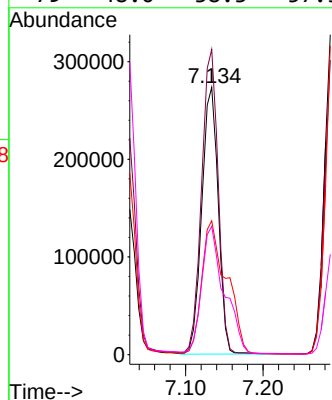
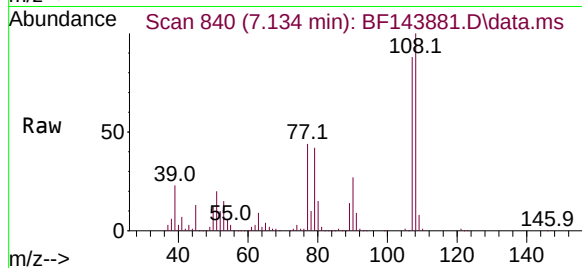




#17
2-Methylphenol
Concen: 58.170 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

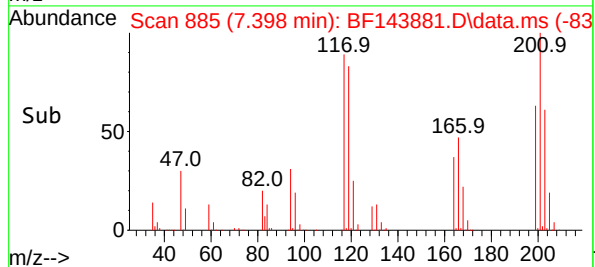
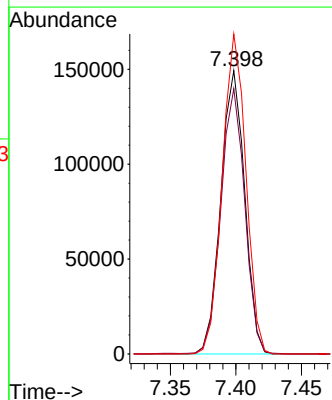
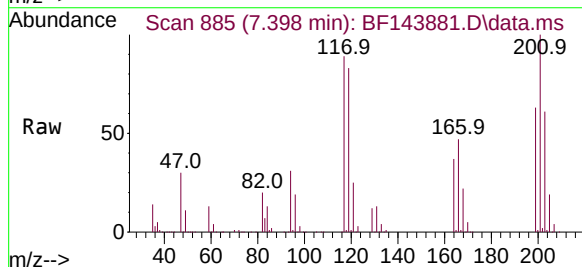
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

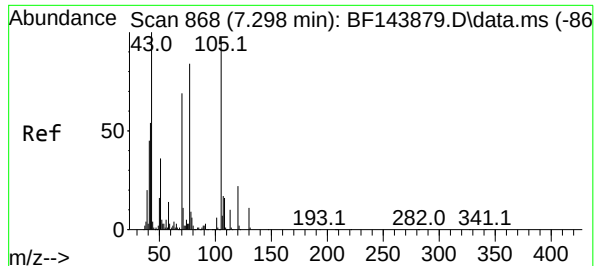
Tgt Ion:107 Resp: 402660
Ion Ratio Lower Upper
107 100
108 114.2 94.7 142.1
77 50.1 38.8 58.2
79 48.0 38.3 57.5



#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

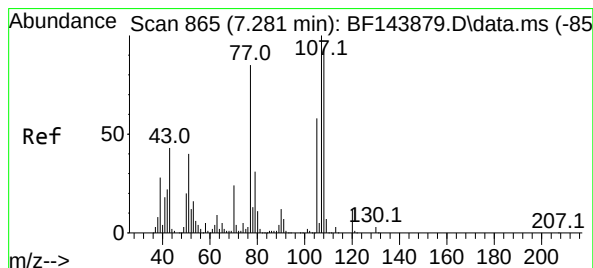
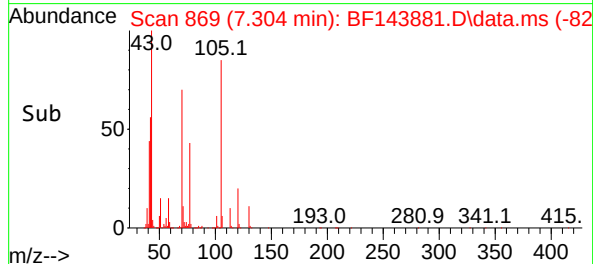
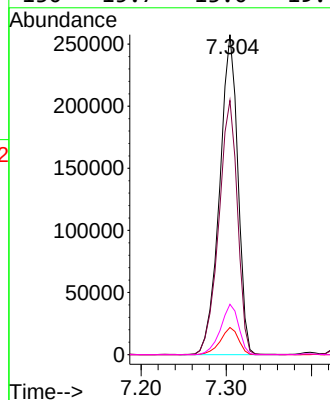
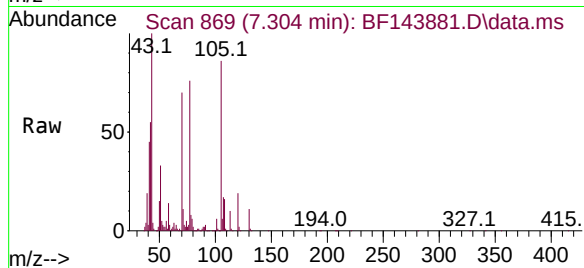
Ion Ratio Lower Upper

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

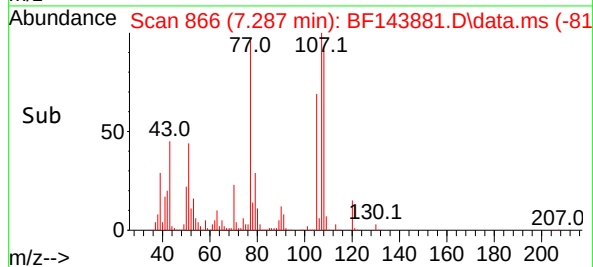
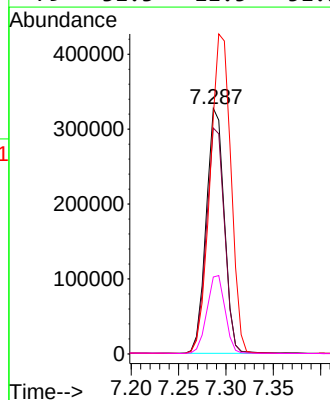
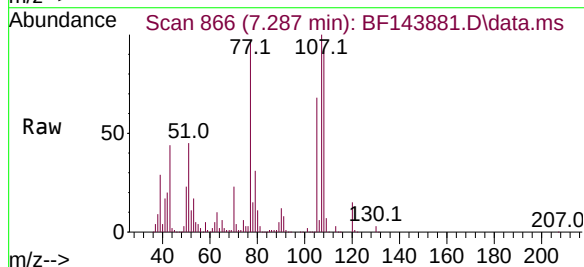
Ion Ratio Lower Upper

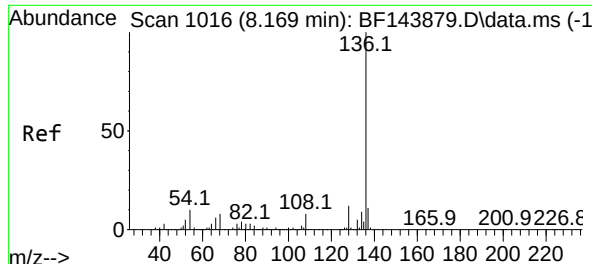
107 100

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

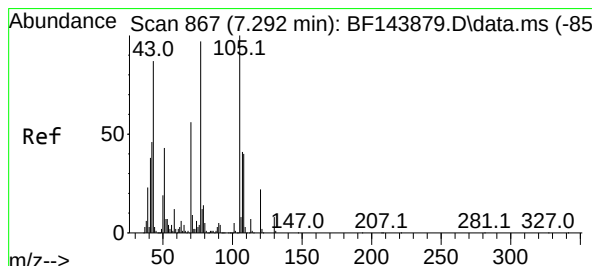
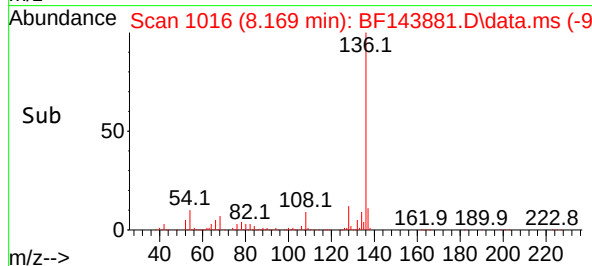
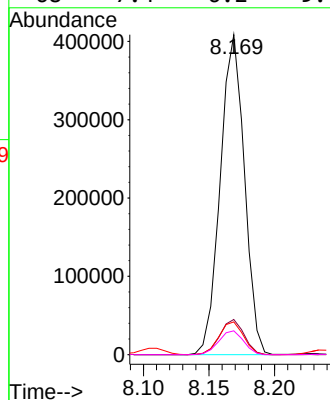
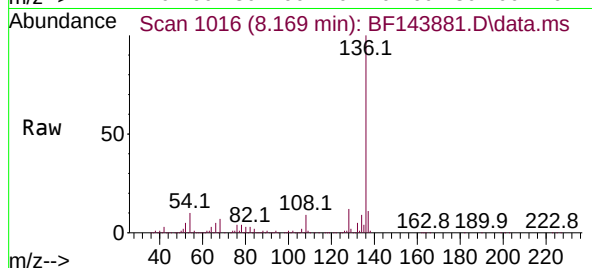
Ion Ratio Lower Upper

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

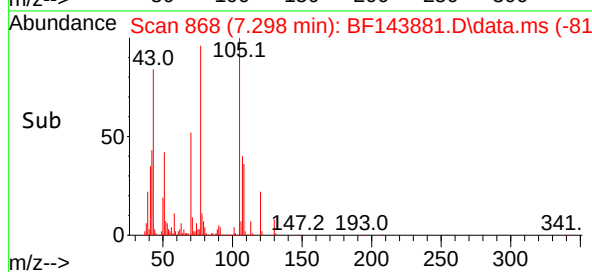
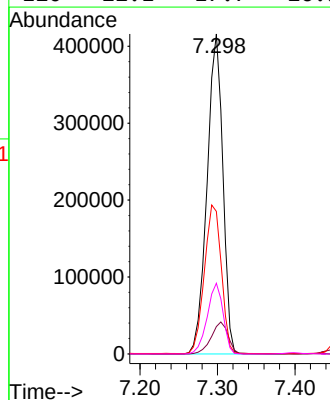
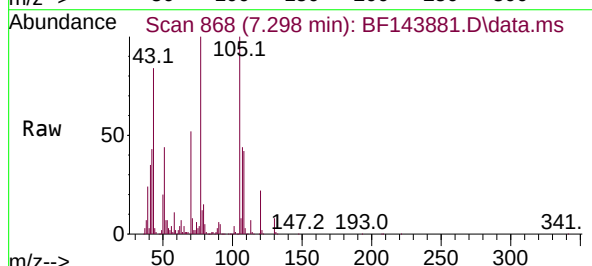
Ion Ratio Lower Upper

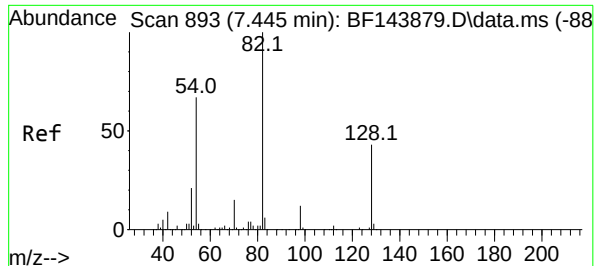
105 100

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 :

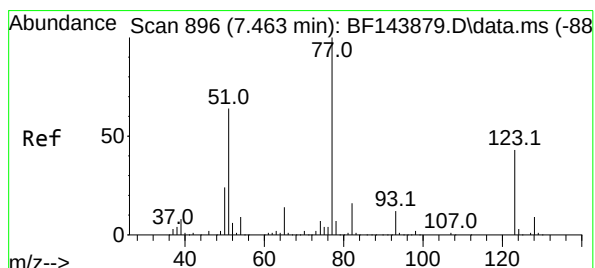
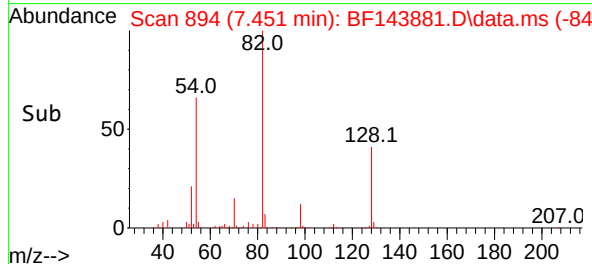
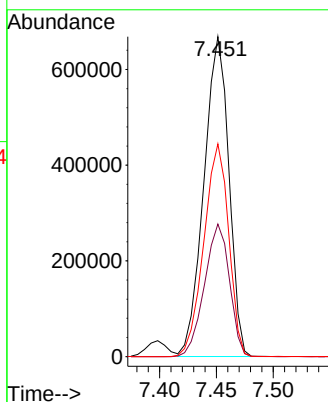
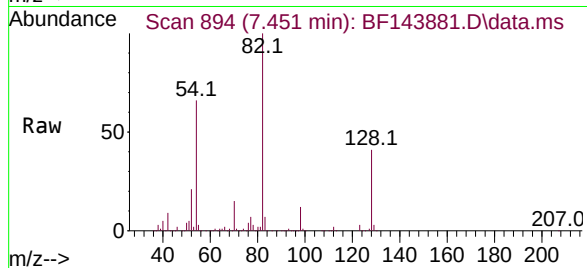
BNA_F

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

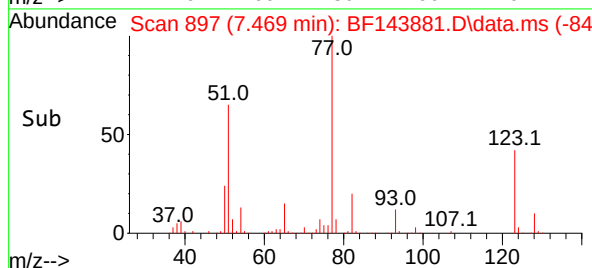
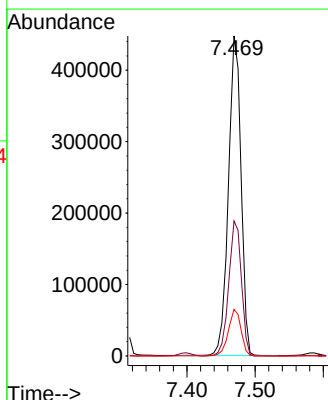
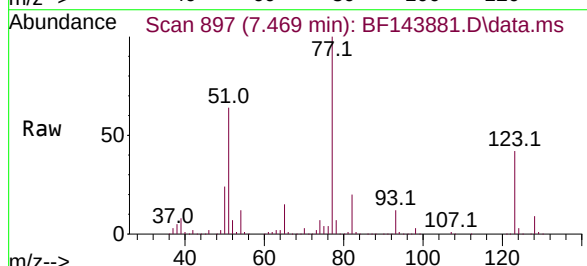
Delta R.T. -0.006 min

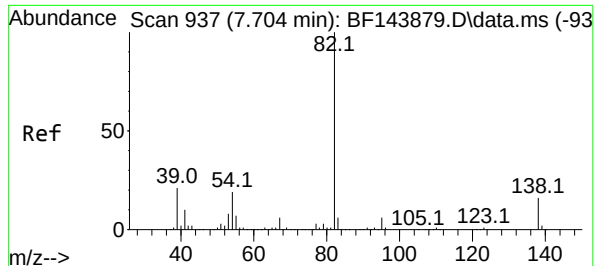
Lab File: BF143881.D

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

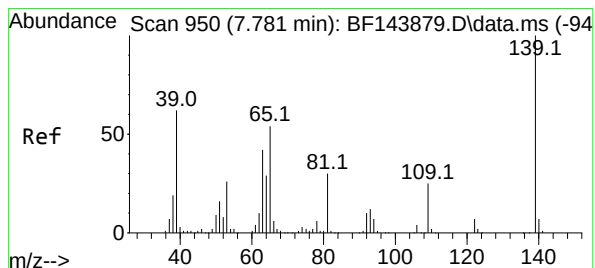
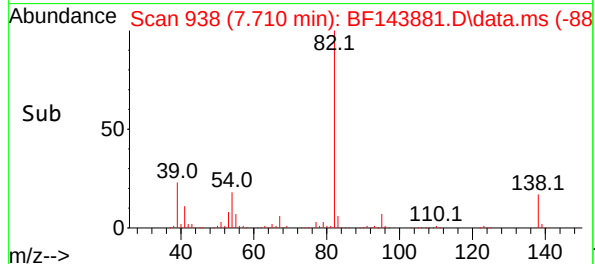
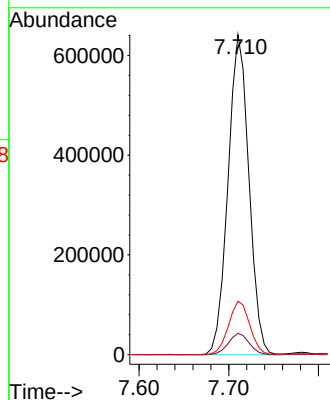
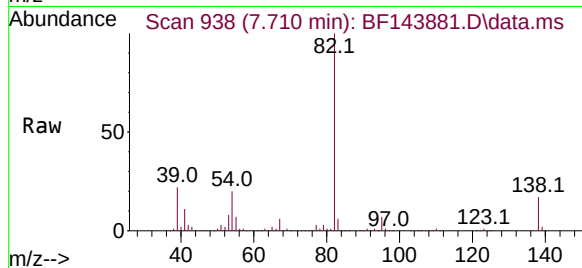




#25
Isophorone
Concen: 57.290 ng
RT: 7.710 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

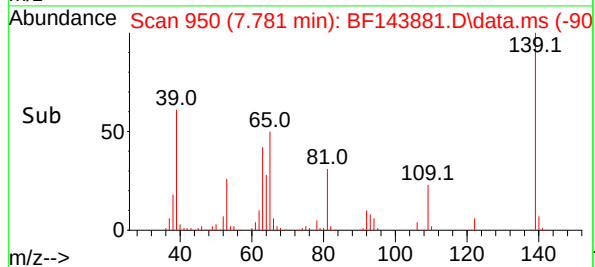
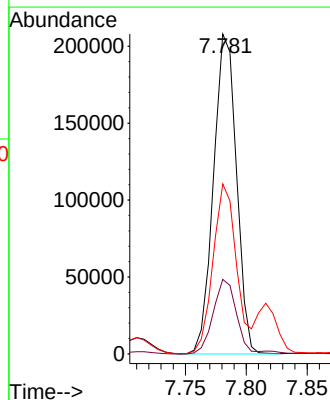
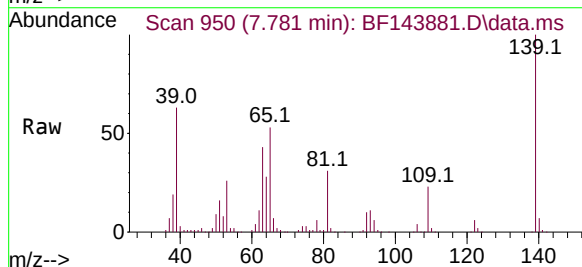
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

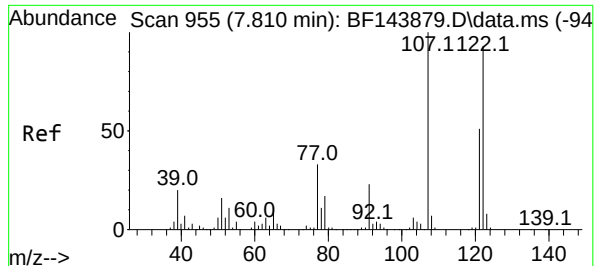
Tgt Ion: 82 Resp: 1042198
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 16.7 12.9 19.3



#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

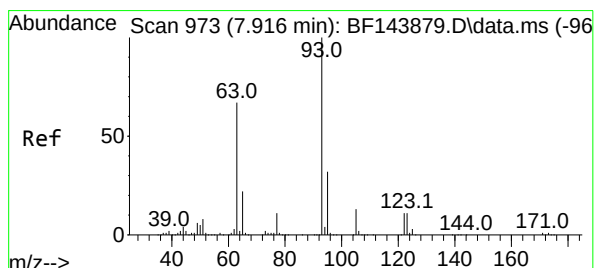
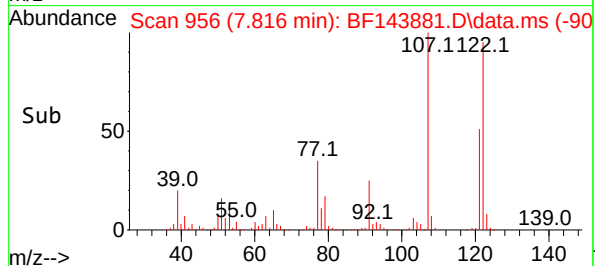
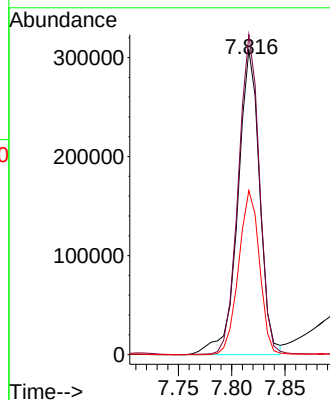
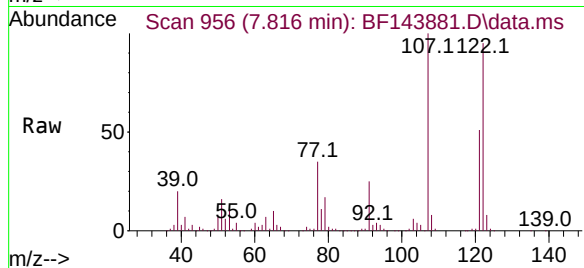
Tgt Ion:122 Resp: 437344

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

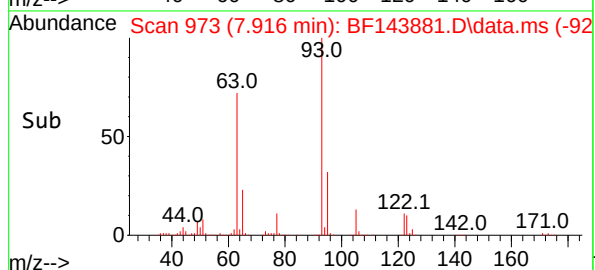
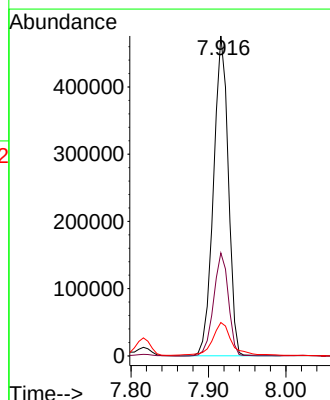
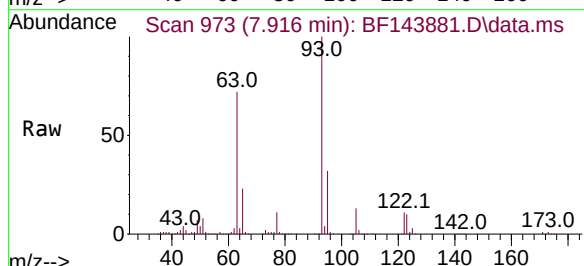
Tgt Ion: 93 Resp: 631066

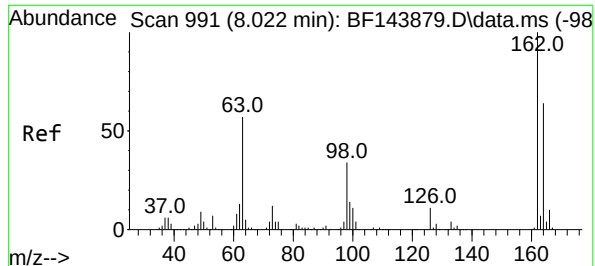
Ion Ratio Lower Upper

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

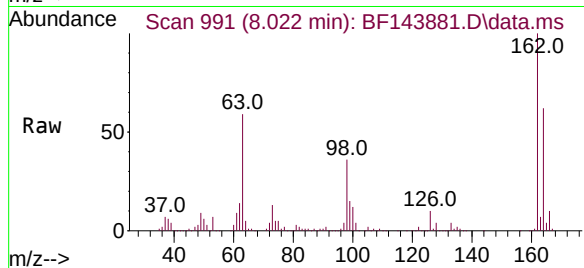
Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDIC060



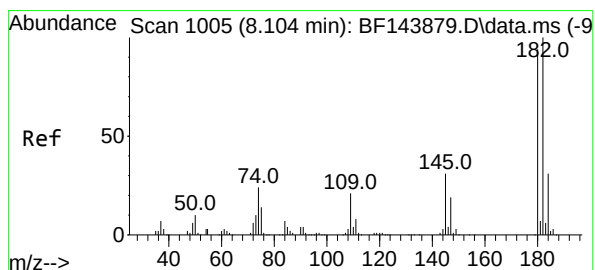
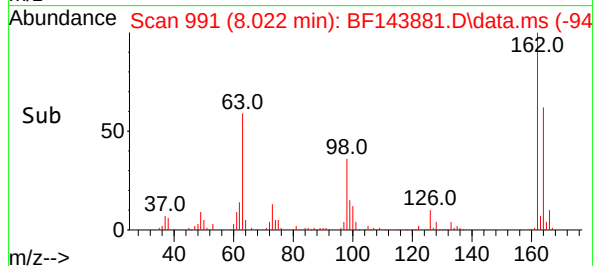
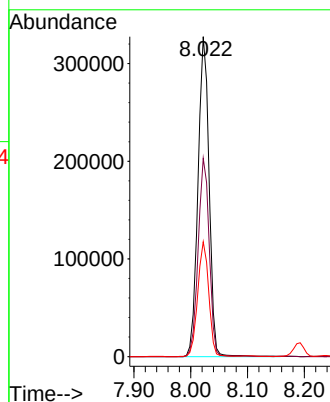
Tgt Ion:162 Resp: 442749

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

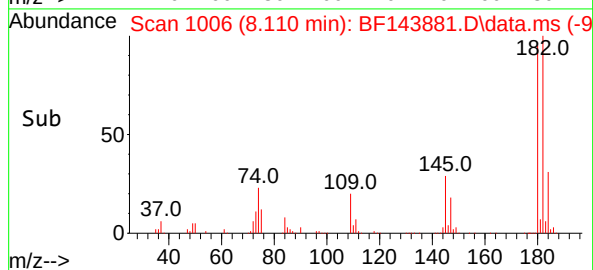
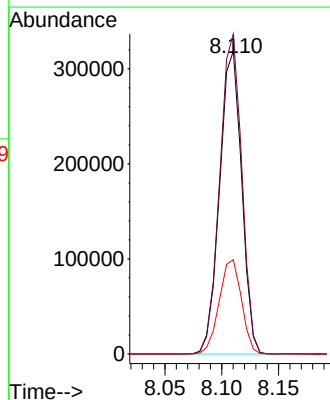
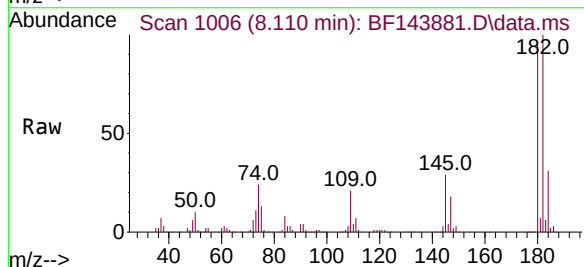
Tgt Ion:180 Resp: 428102

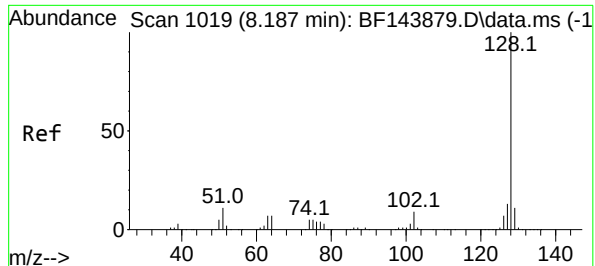
Ion Ratio Lower Upper

180 100

182 105.7 85.4 128.0

145 31.1 26.3 39.5

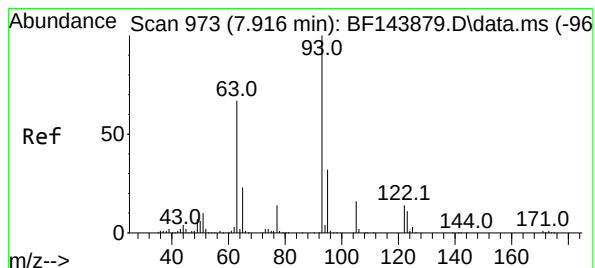
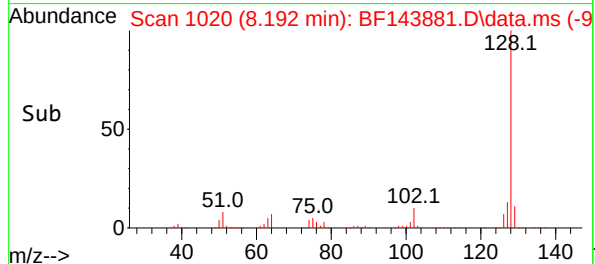
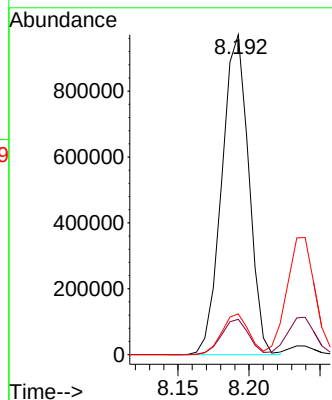
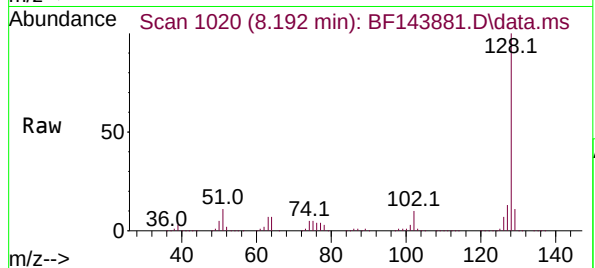




#31
Naphthalene
Concen: 53.874 ng
RT: 8.192 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

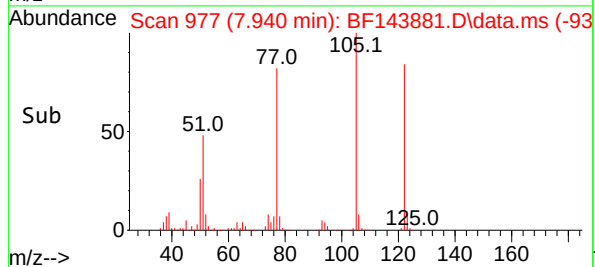
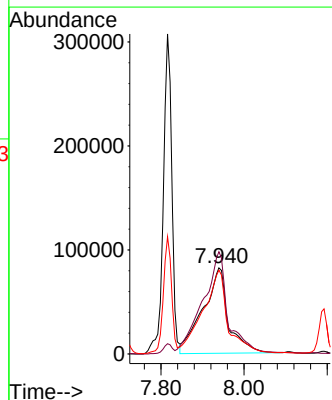
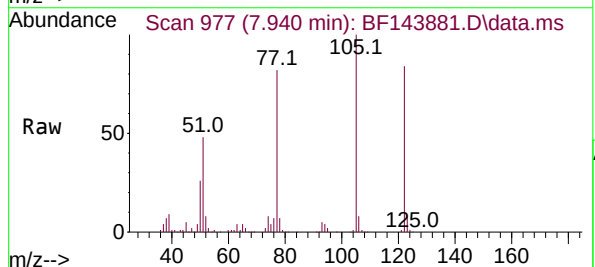
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

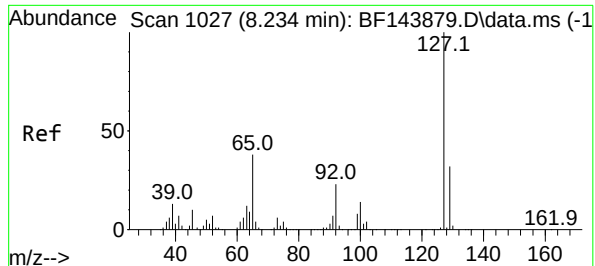
Tgt Ion:128 Resp: 1284573
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.7 10.0 15.0



#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



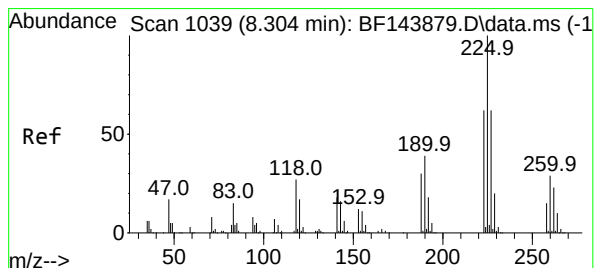
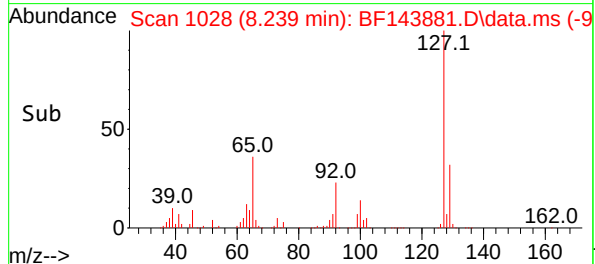
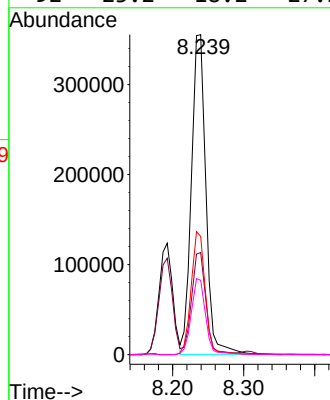
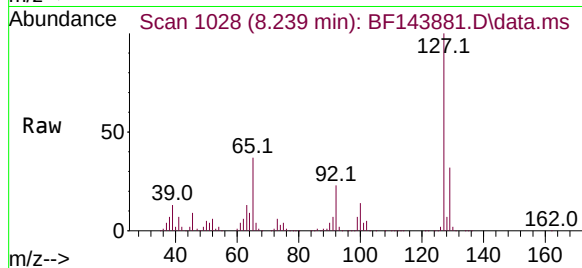


#33
4-Chloroaniline
Concen: 56.451 ng
RT: 8.239 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:127 Resp: 504823

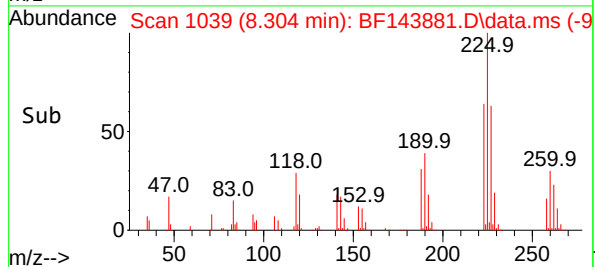
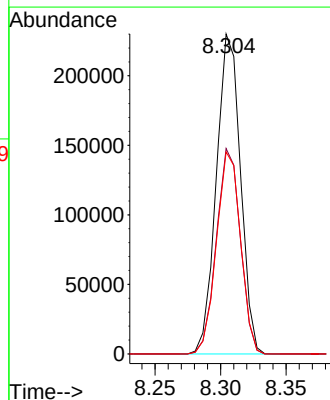
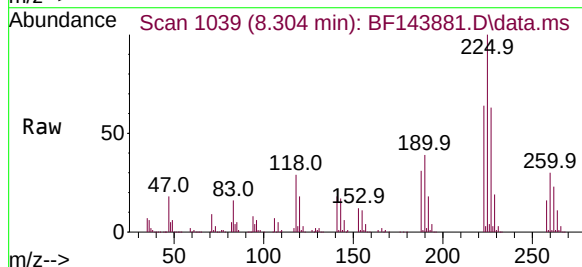
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	36.9	30.0	45.0
92	23.2	18.2	27.2

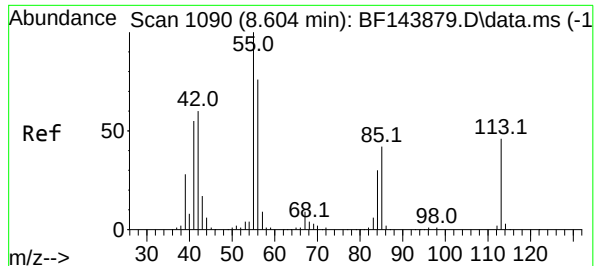


#34
Hexachlorobutadiene
Concen: 55.989 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

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

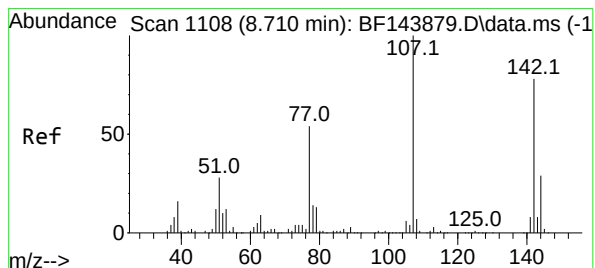
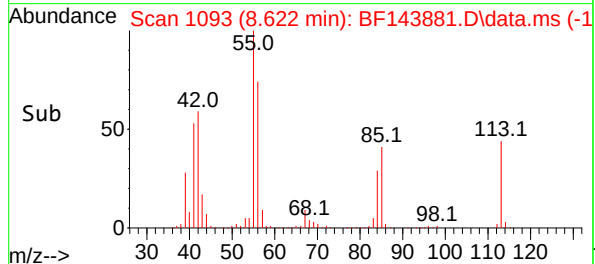
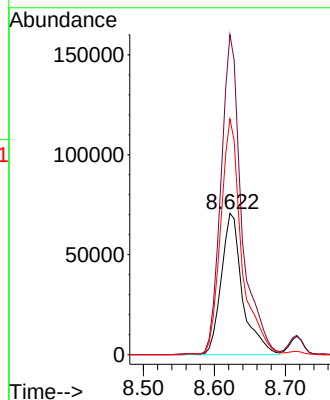
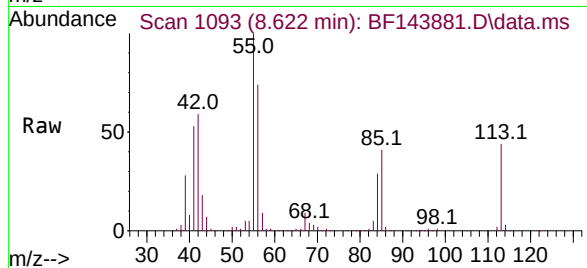
Tgt Ion:113 Resp: 146970

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

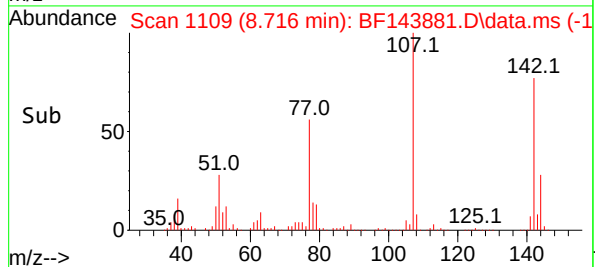
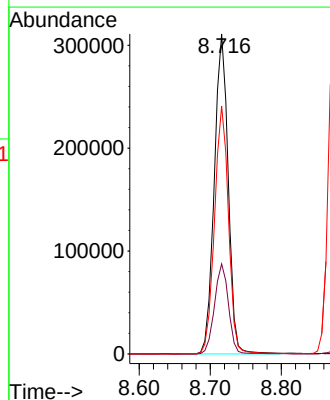
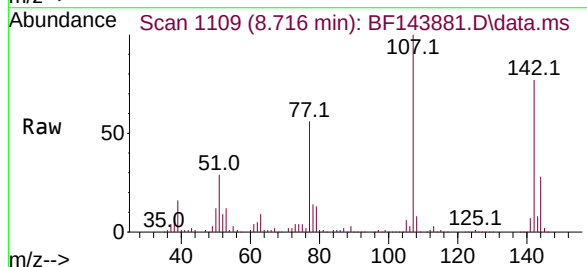
Tgt Ion:107 Resp: 423904

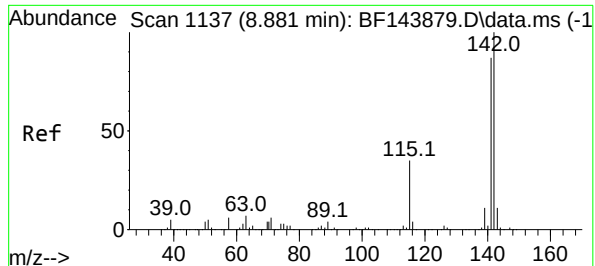
Ion Ratio Lower Upper

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 :

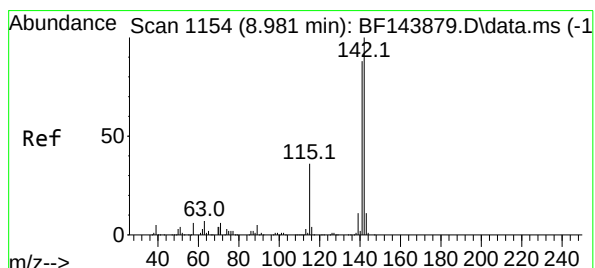
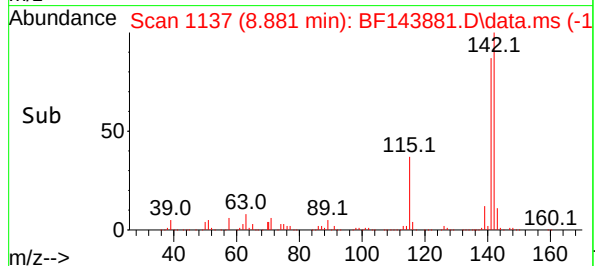
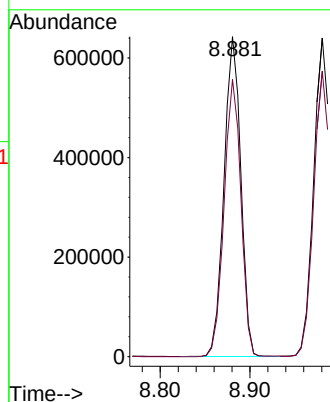
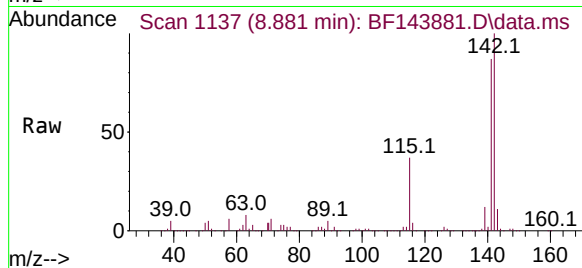
SSTDICC060

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

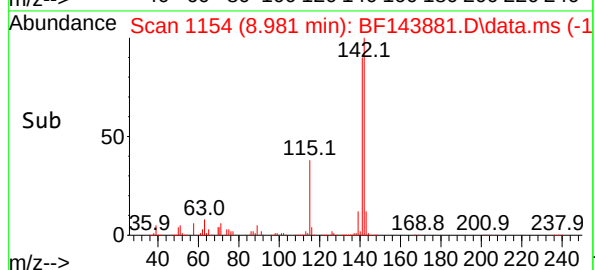
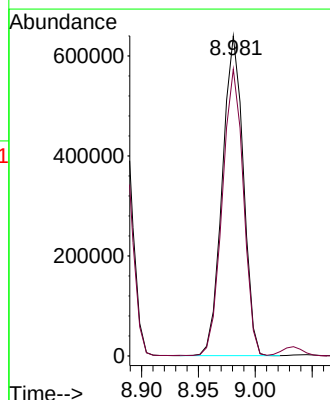
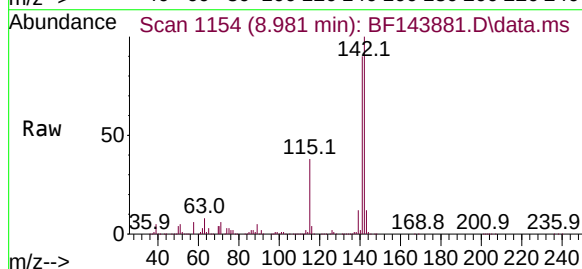
Acq: 06 Oct 2025 13:53

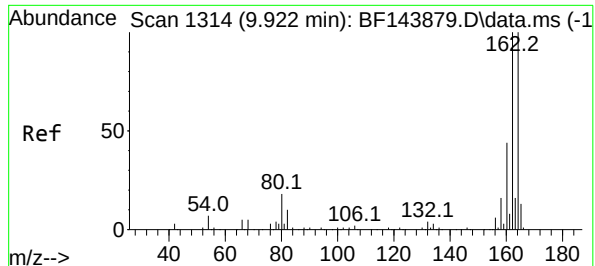
Tgt Ion:142 Resp: 822755

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

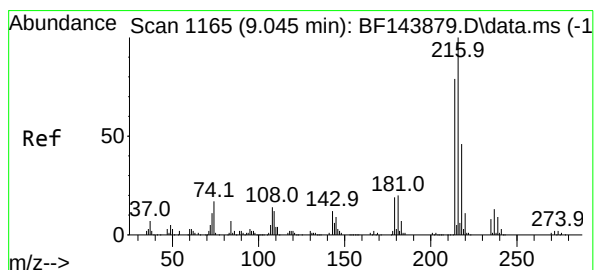
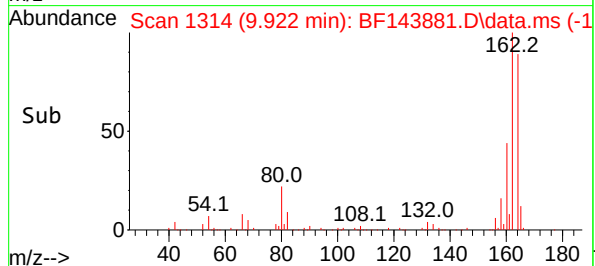
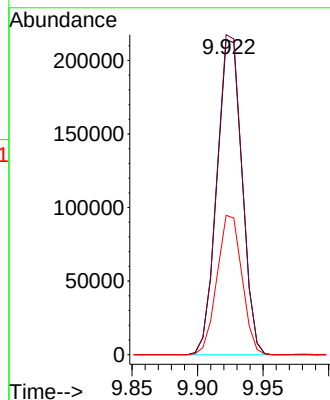
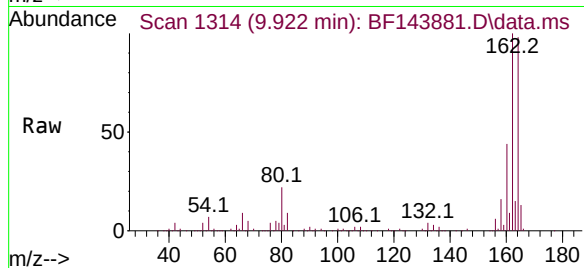
Tgt Ion:164 Resp: 286024

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

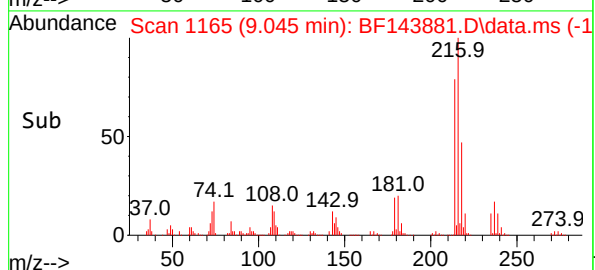
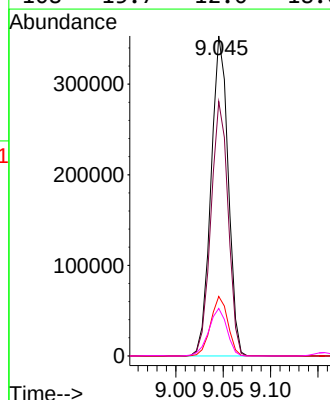
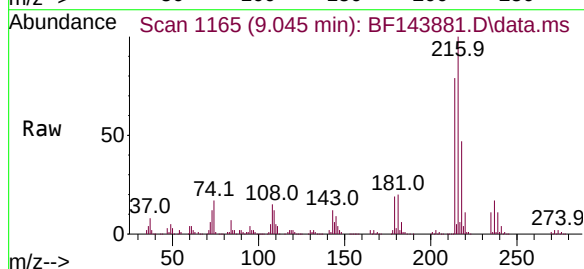
Ion Ratio Lower Upper

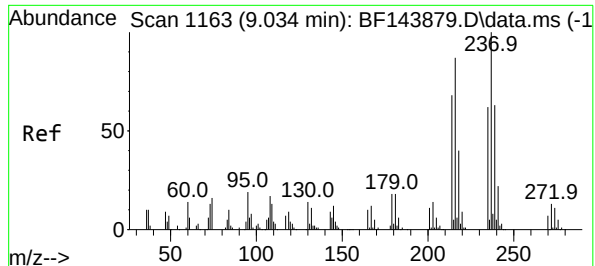
216 100

214 79.6 62.6 94.0

179 18.5 15.4 23.0

108 15.7 12.0 18.0

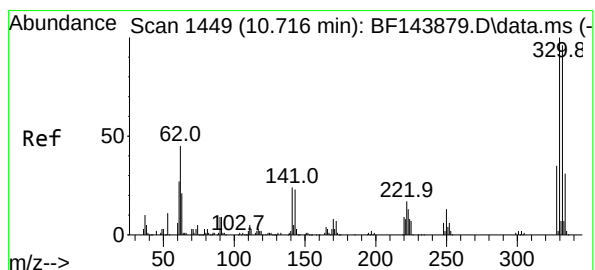
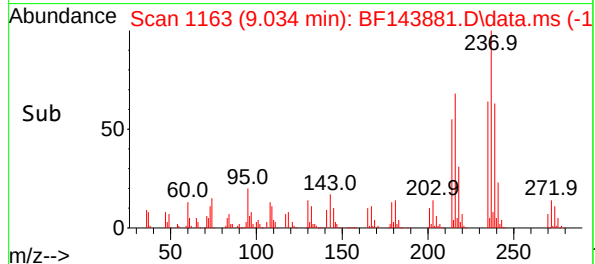
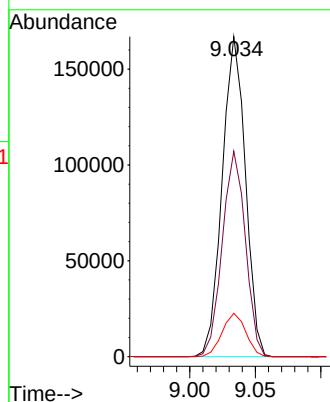
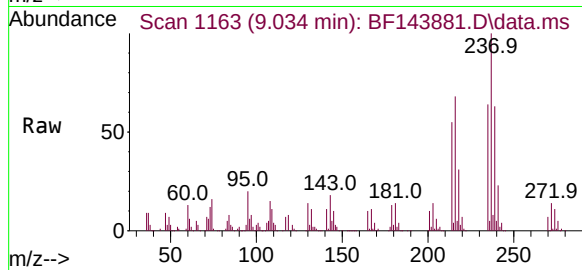




#41
Hexachlorocyclopentadiene
Concen: 62.806 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

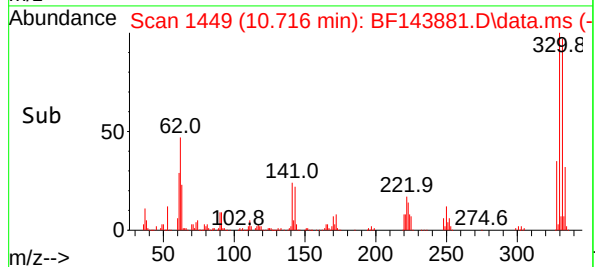
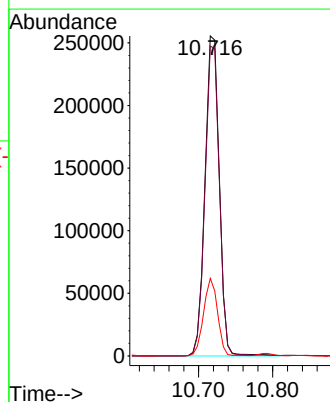
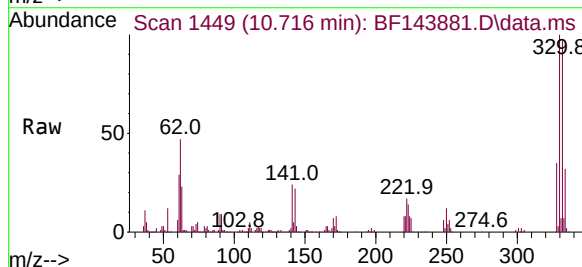
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

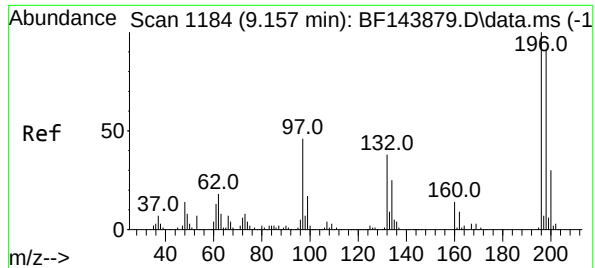
Tgt Ion: 237 Resp: 205978
Ion Ratio Lower Upper
237 100
235 64.2 42.3 82.3
272 13.5 0.0 33.1



#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

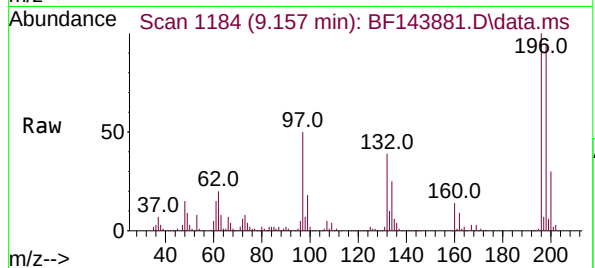
Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



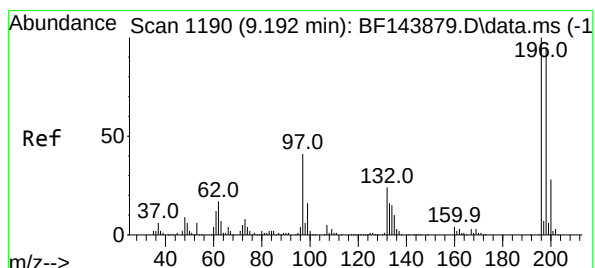
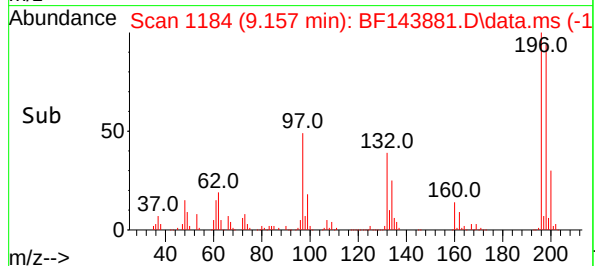
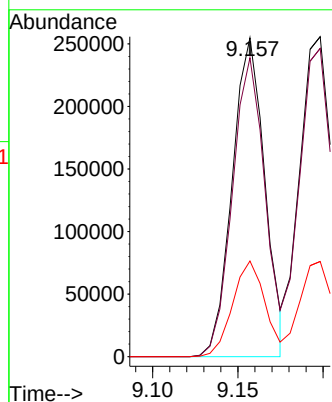
Tgt Ion:196 Resp: 338809

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

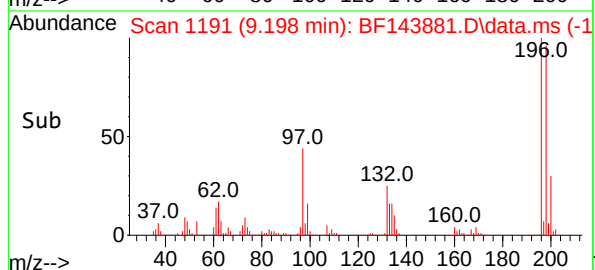
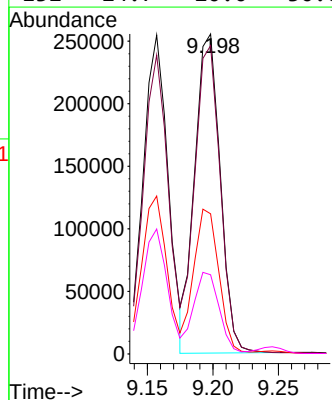
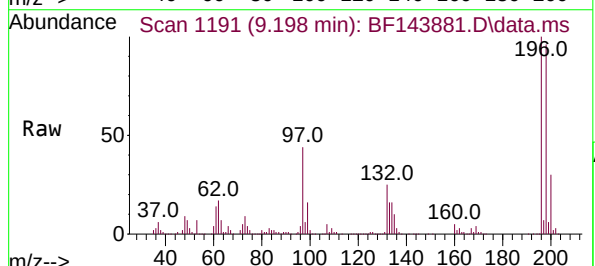
Ion Ratio Lower Upper

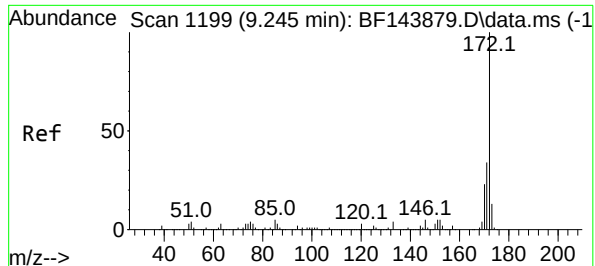
196 100

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

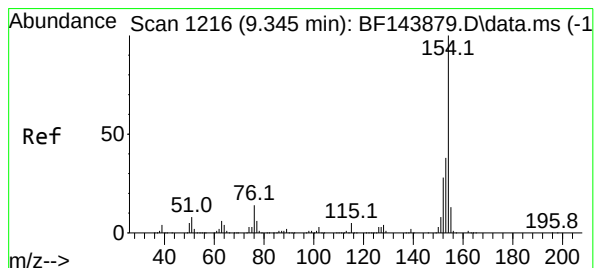
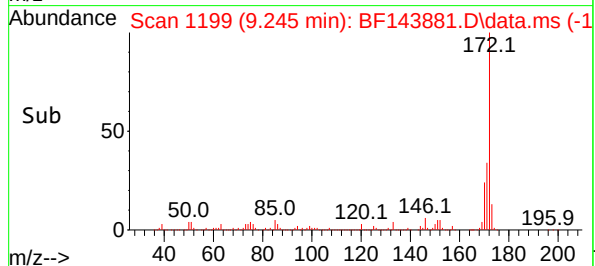
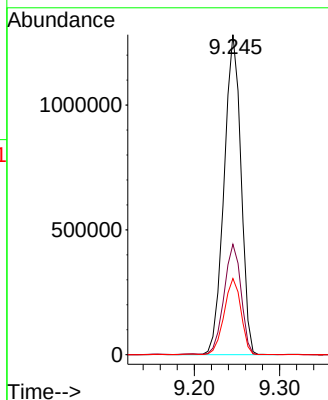
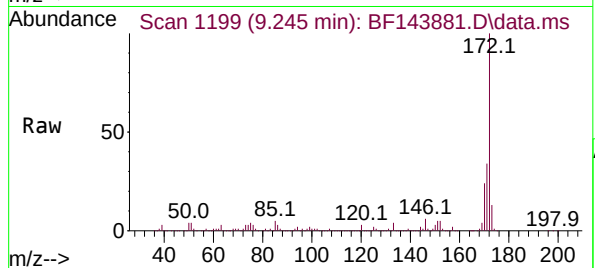
Tgt Ion:172 Resp: 1764203

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

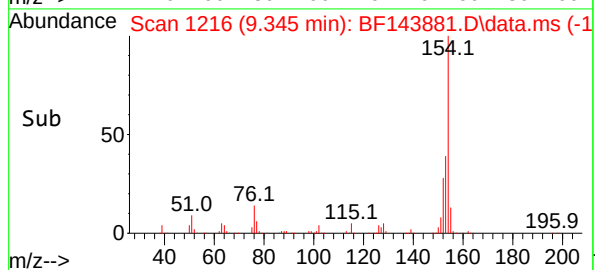
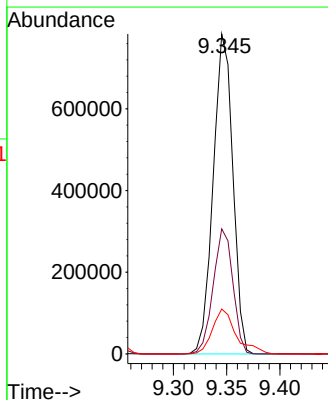
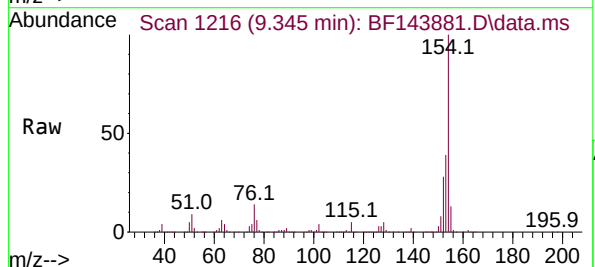
Tgt Ion:154 Resp: 1004440

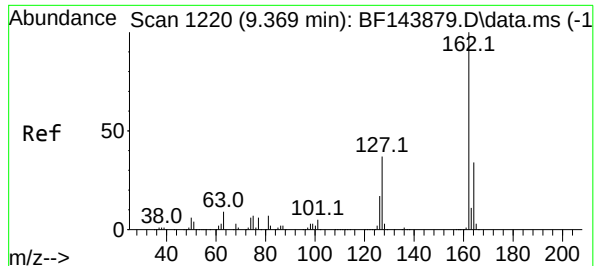
Ion Ratio Lower Upper

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

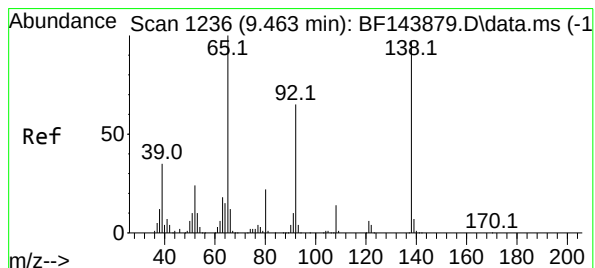
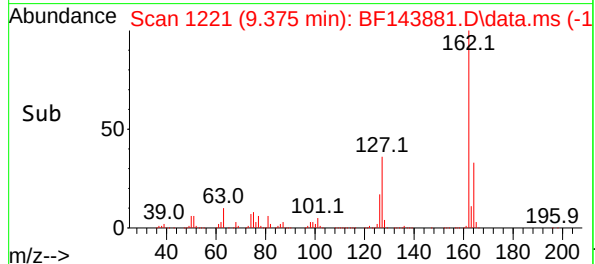
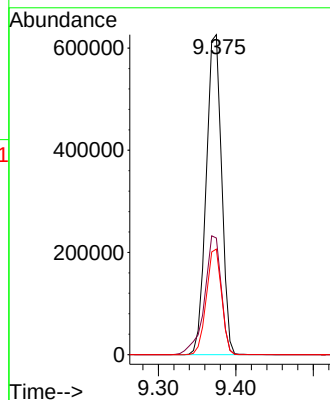
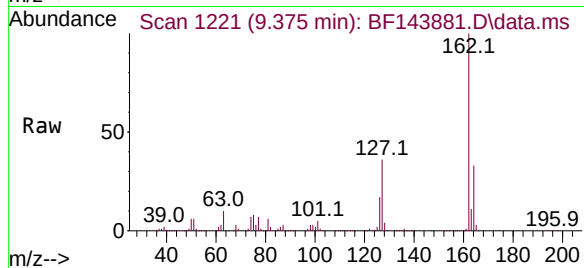
Tgt Ion:162 Resp: 860999

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

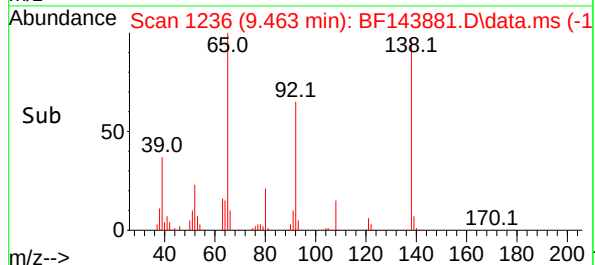
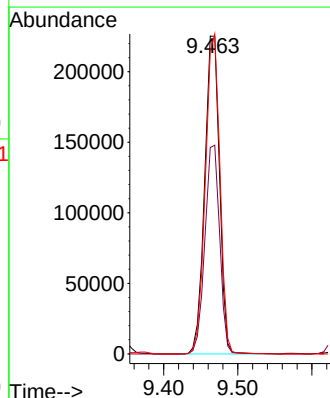
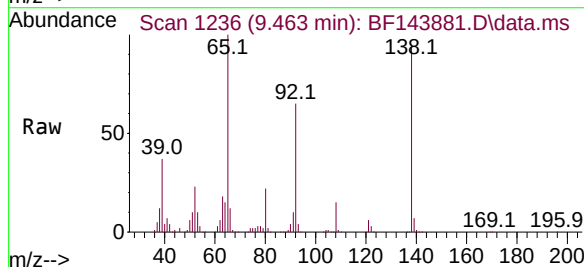
Tgt Ion: 65 Resp: 312884

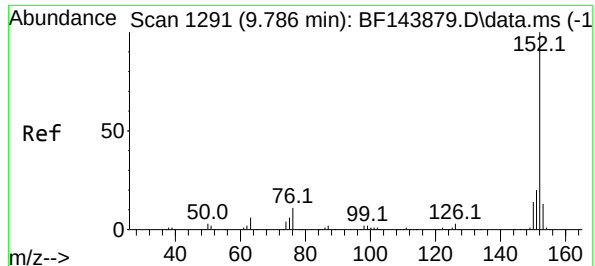
Ion Ratio Lower Upper

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

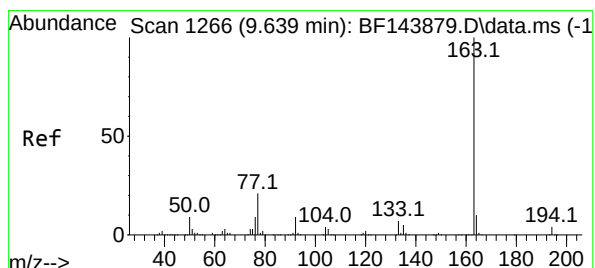
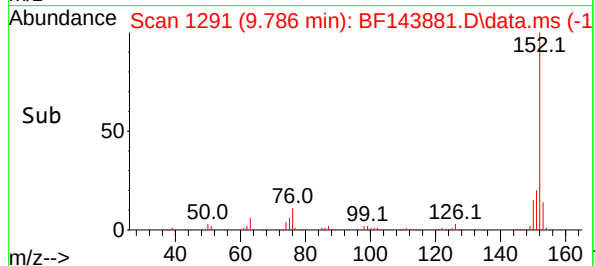
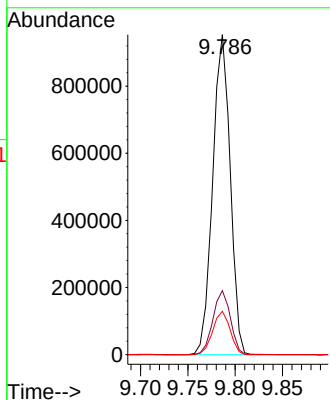
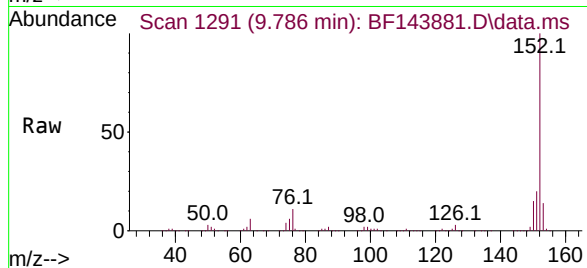
Tgt Ion:152 Resp: 1223951

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

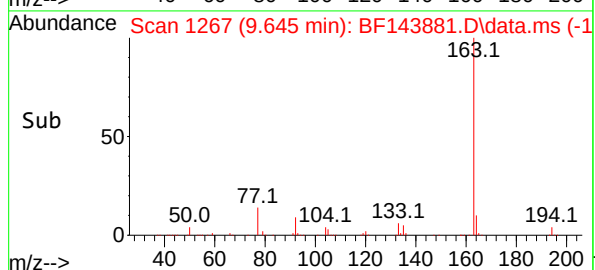
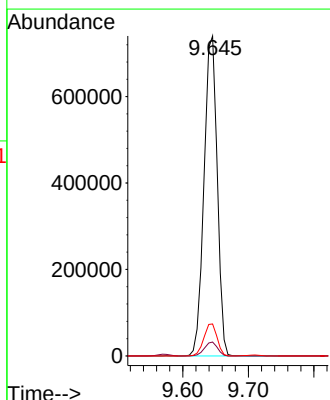
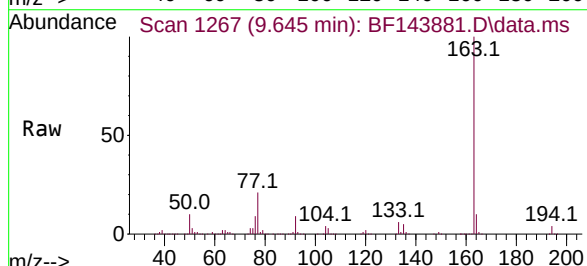
Tgt Ion:163 Resp: 1031391

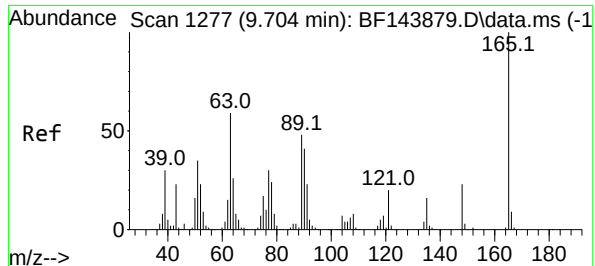
Ion Ratio Lower Upper

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

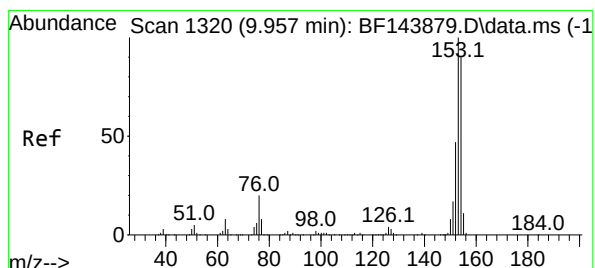
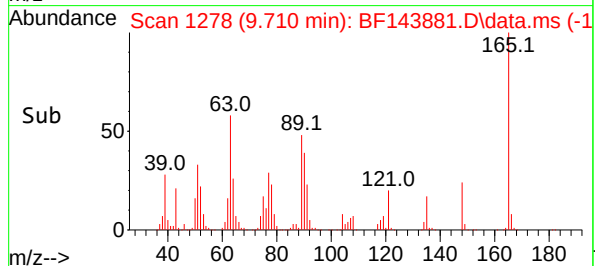
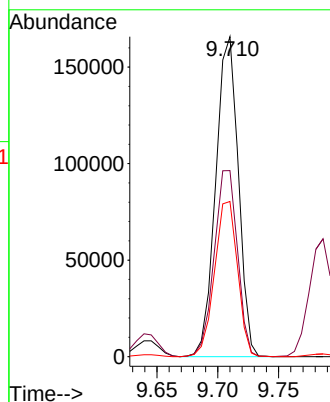
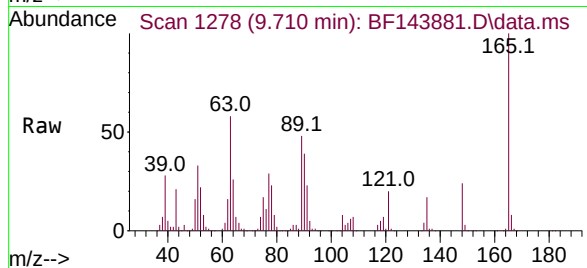
Tgt Ion:165 Resp: 214169

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

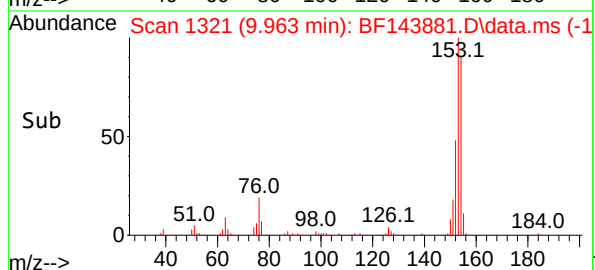
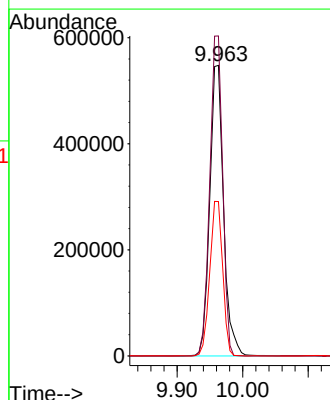
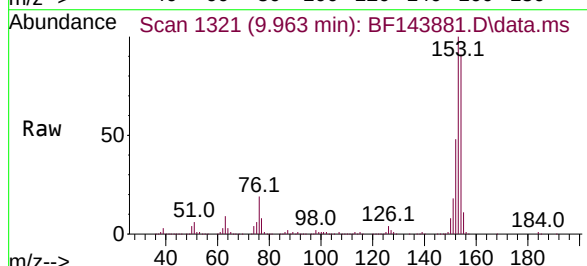
Tgt Ion:154 Resp: 801773

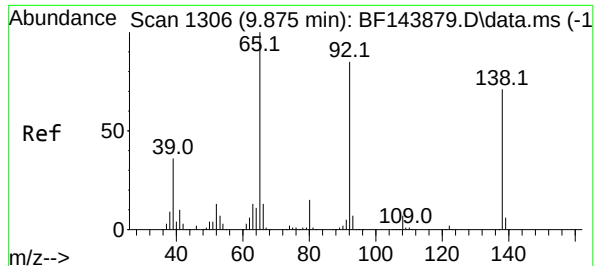
Ion Ratio Lower Upper

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

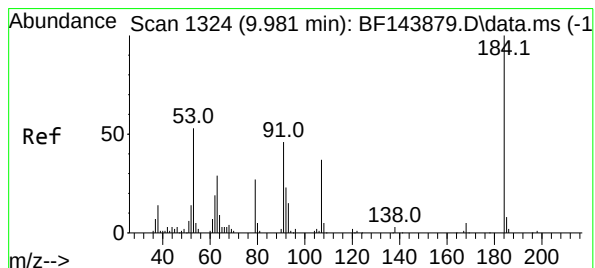
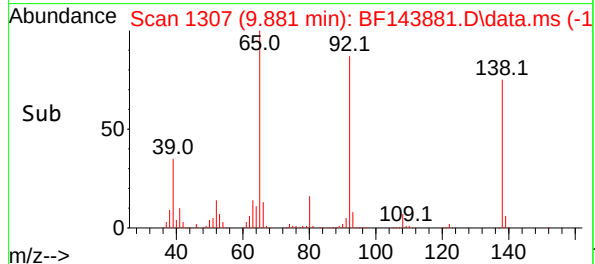
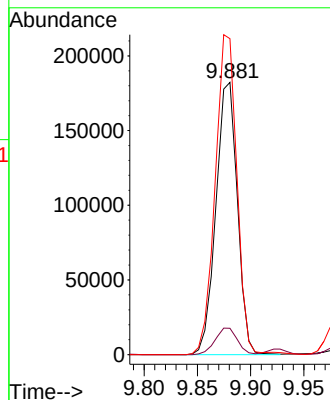
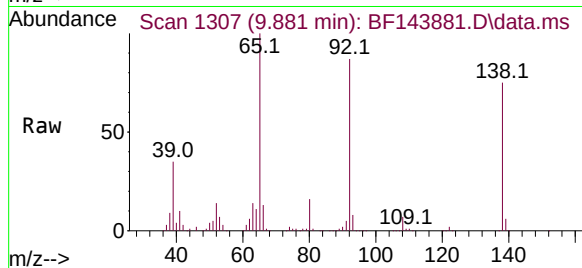
Tgt Ion:138 Resp: 255984

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

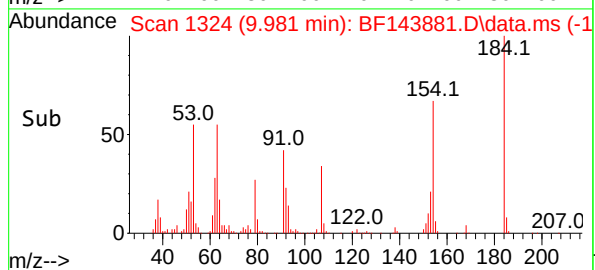
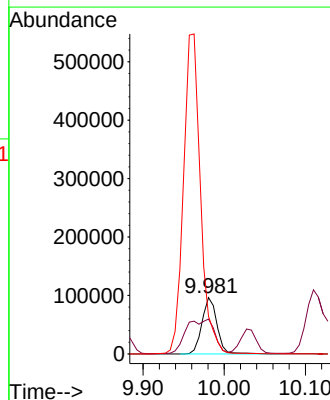
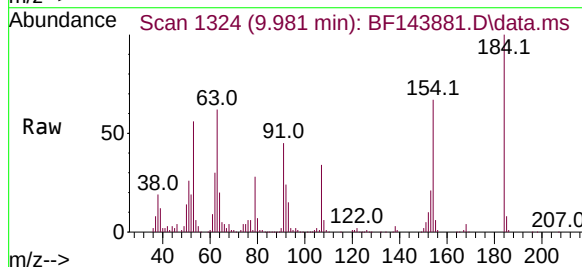
Tgt Ion:184 Resp: 123295

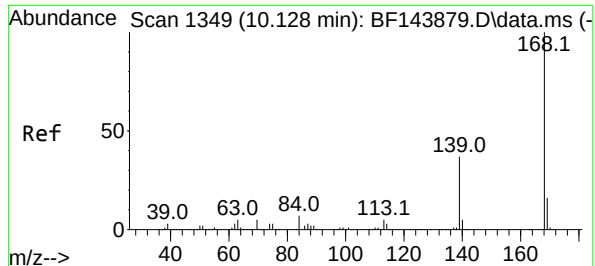
Ion Ratio Lower Upper

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

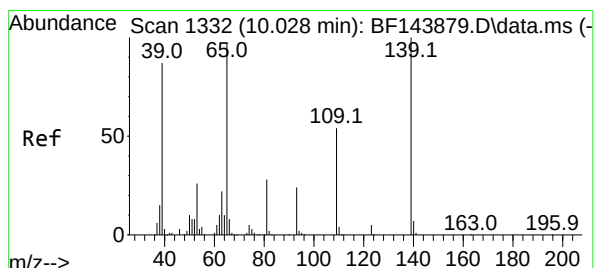
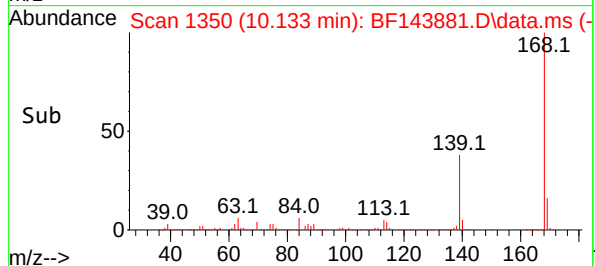
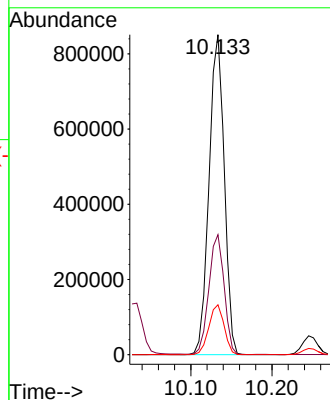
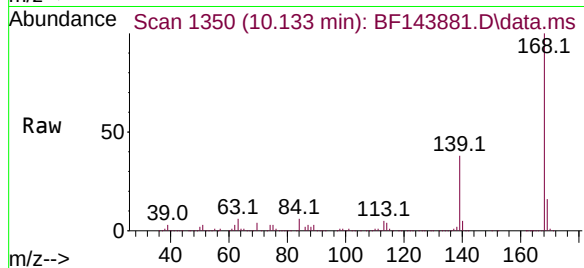
Tgt Ion:168 Resp: 1111183

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

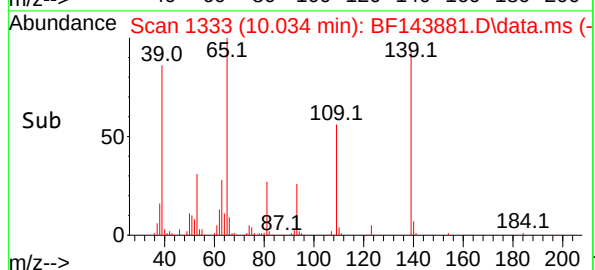
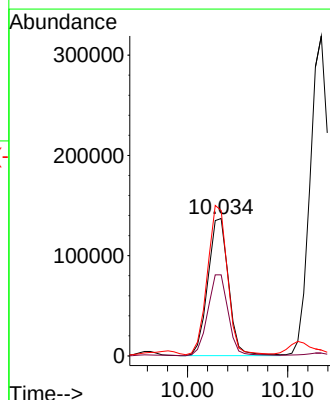
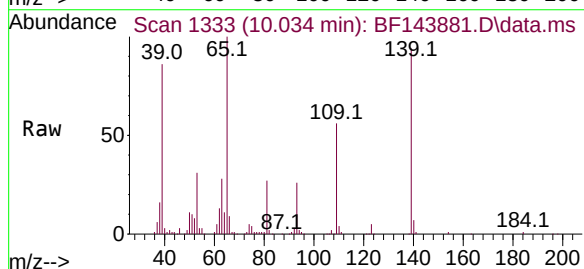
Tgt Ion:139 Resp: 195321

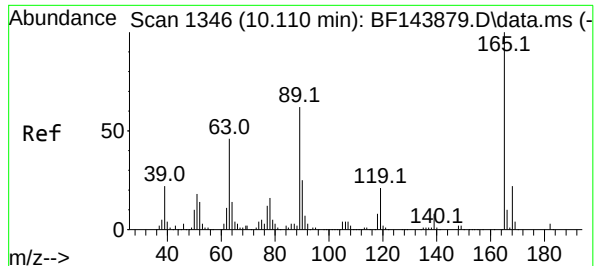
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

65 105.8 77.6 117.6

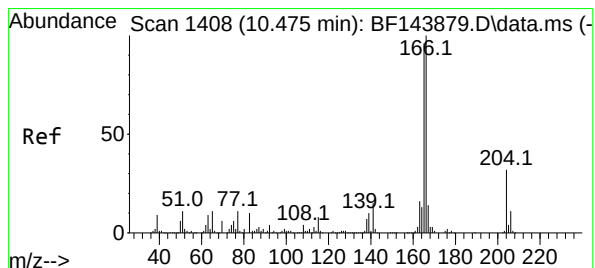
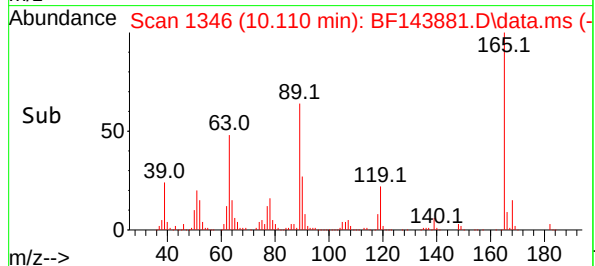
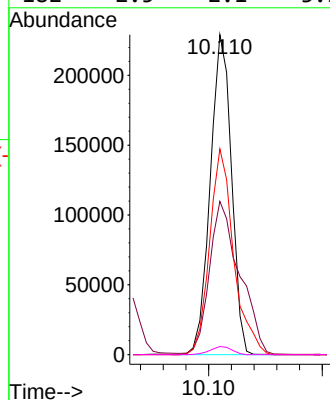
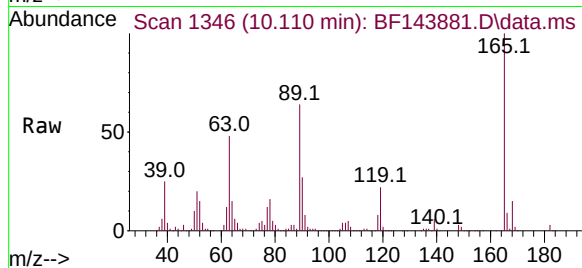




#57
2,4-Dinitrotoluene
Concen: 64.812 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

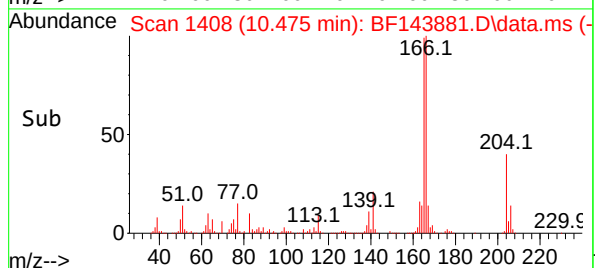
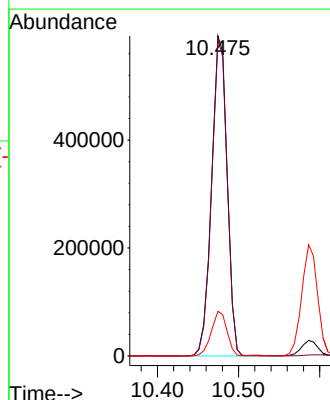
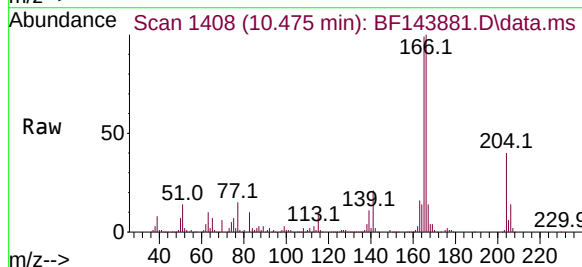
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

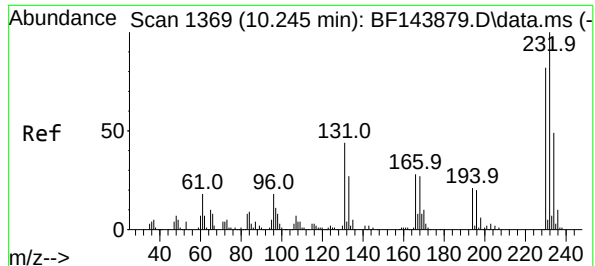
Tgt Ion:165 Resp: 297018
Ion Ratio Lower Upper
165 100
63 47.9 37.2 55.8
89 64.3 49.4 74.2
182 2.5 2.1 3.1



#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

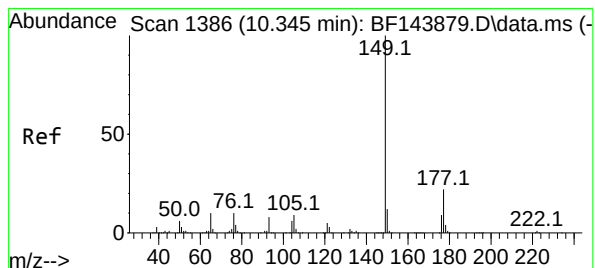
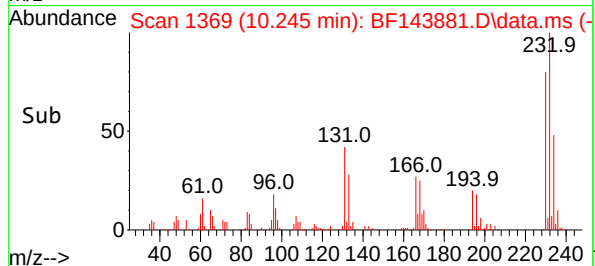
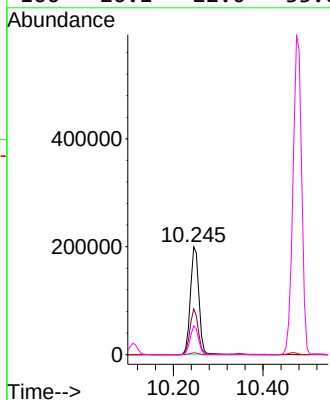
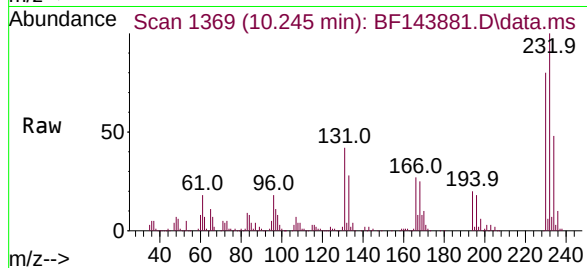




#59
2,3,4,6-Tetrachlorophenol
Concen: 61.283 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

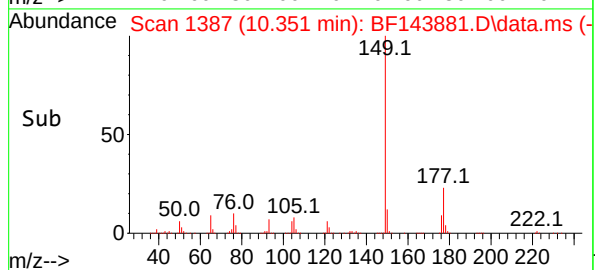
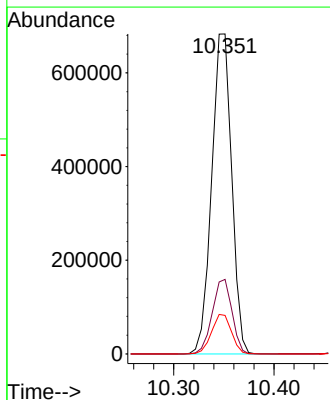
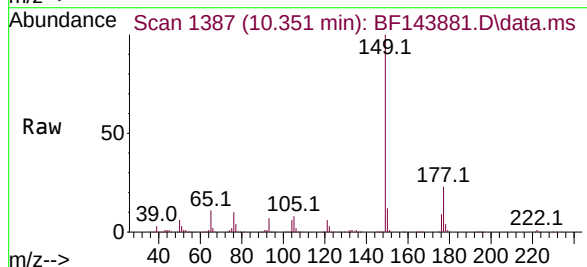
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

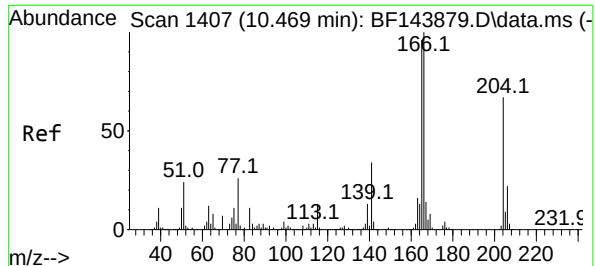
Tgt Ion:232 Resp: 264796
Ion Ratio Lower Upper
232 100
131 41.1 34.9 52.3
130 1.6 1.6 2.4#
166 26.1 22.0 33.0



#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

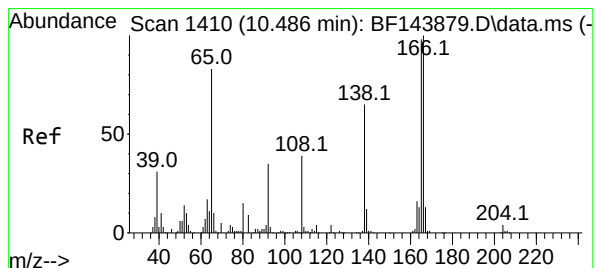
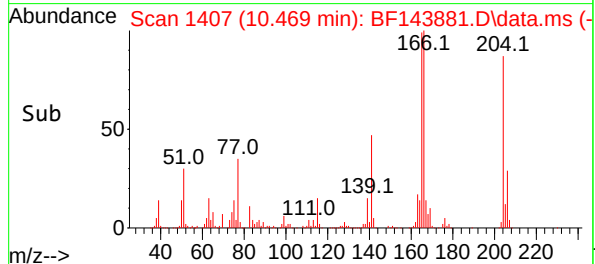
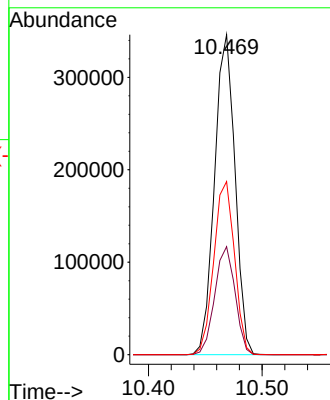
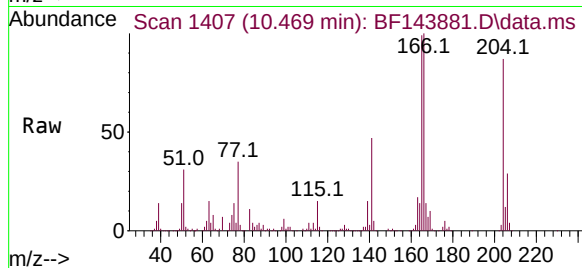




#61
4-Chlorophenyl-phenylether
Concen: 52.905 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

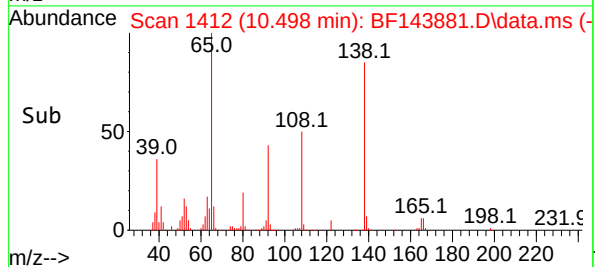
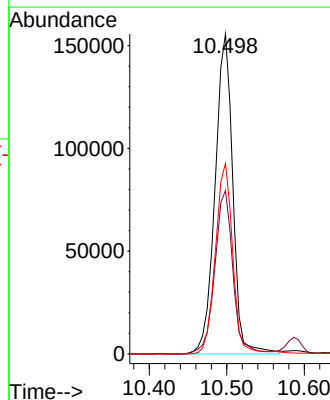
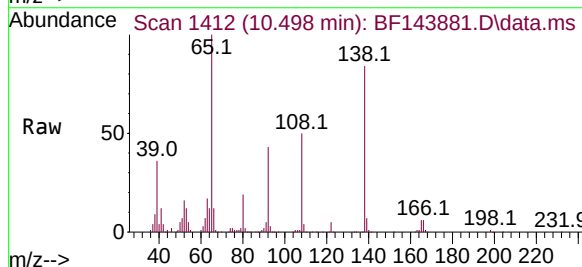
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

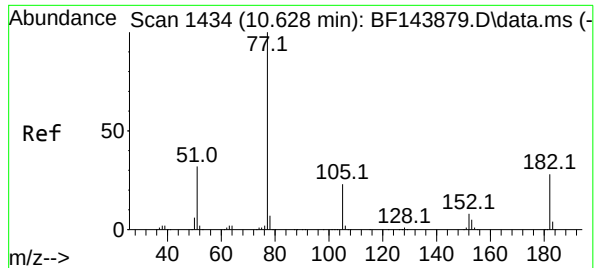
Tgt Ion:204 Resp: 433339
Ion Ratio Lower Upper
204 100
206 33.7 26.6 40.0
141 54.1 40.4 60.6



#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

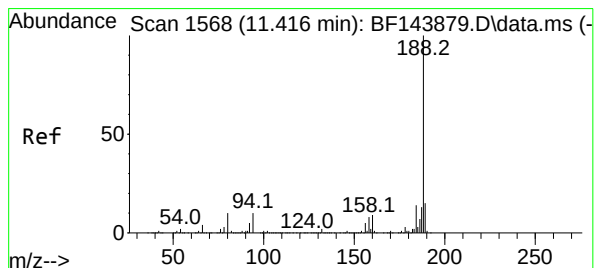
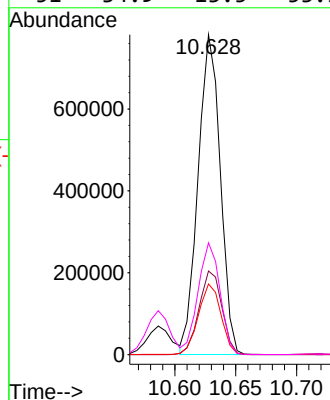
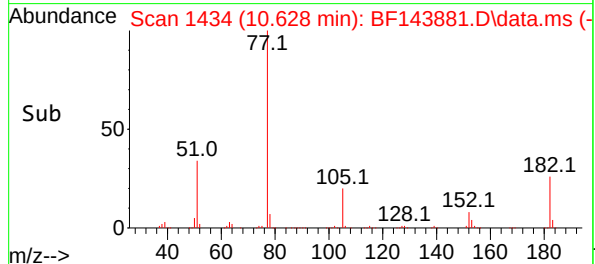
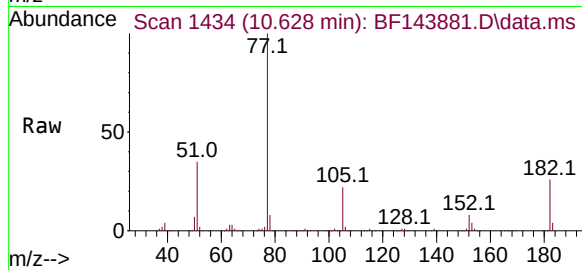




#63
Azobenzene
Concen: 56.252 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

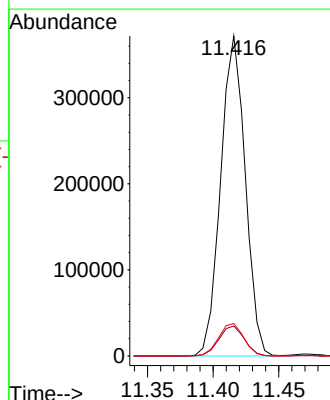
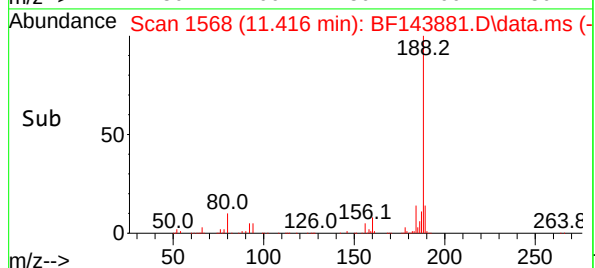
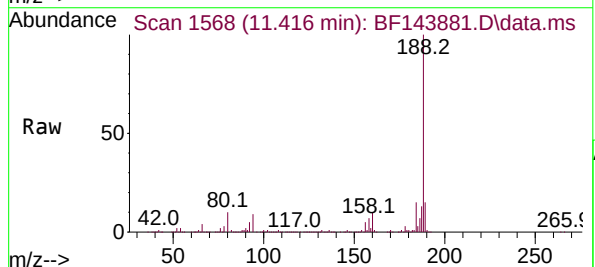
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

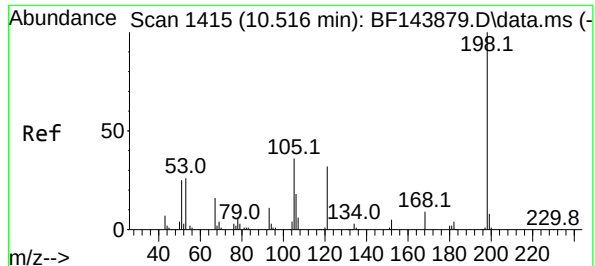
Tgt Ion: 77	Resp: 992054
Ion Ratio	Lower Upper
77	100
182	26.1 7.3 47.3
105	22.1 3.0 43.0
51	34.9 13.5 53.5



#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

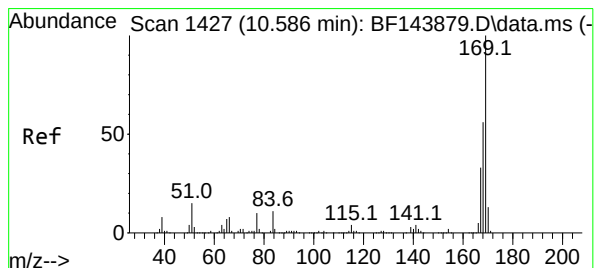
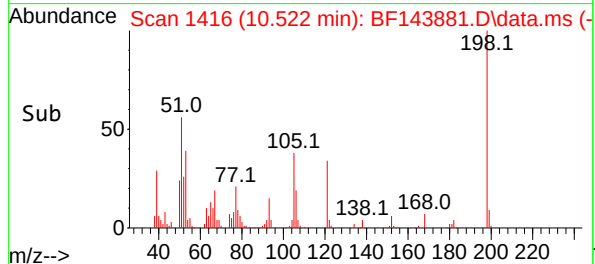
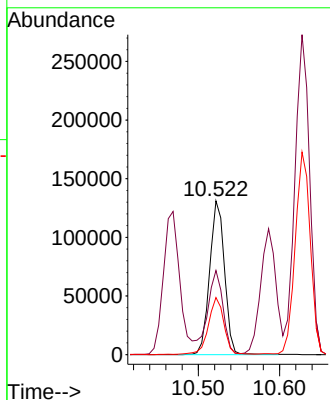
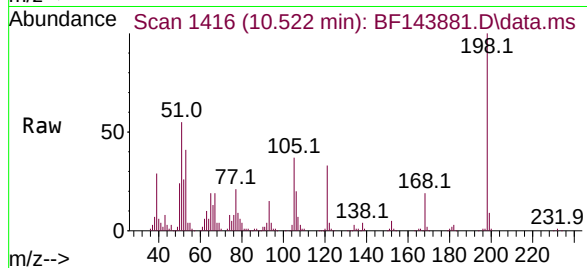




#65
4,6-Dinitro-2-methylphenol
Concen: 68.344 ng
RT: 10.522 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

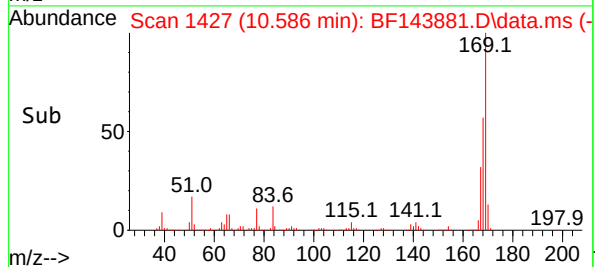
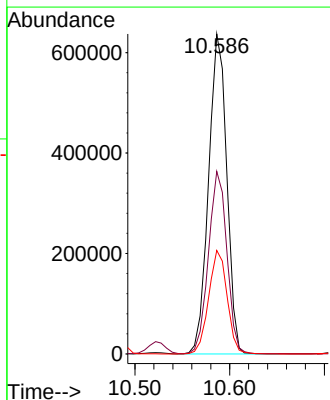
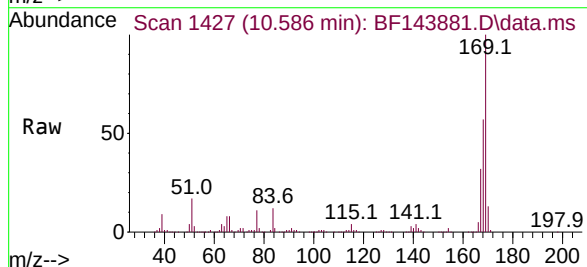
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

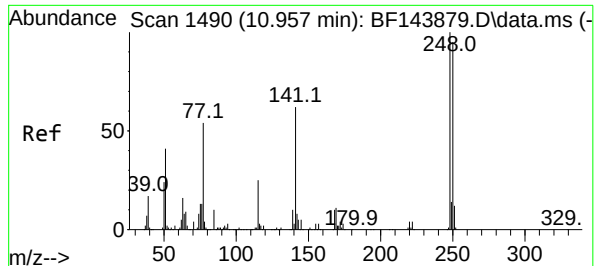
Tgt Ion:198 Resp: 166740
Ion Ratio Lower Upper
198 100
51 54.7 33.8 73.8
105 37.2 17.0 57.0



#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

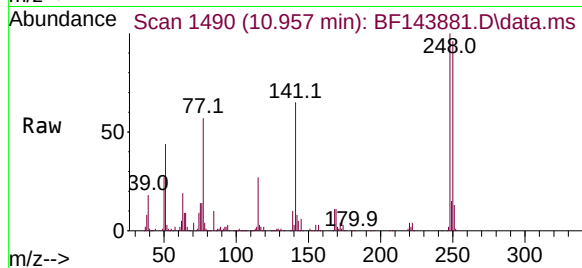
Tgt Ion:169 Resp: 850570
Ion Ratio Lower Upper
169 100
168 57.0 44.9 67.3
167 32.3 26.3 39.5



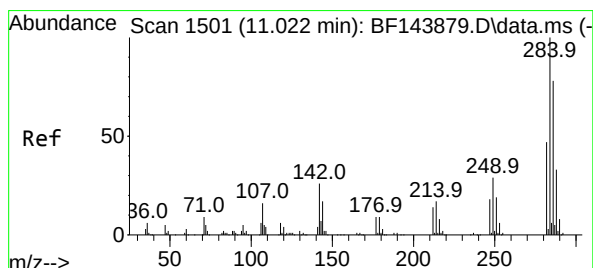
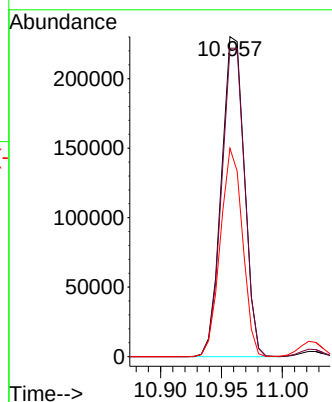
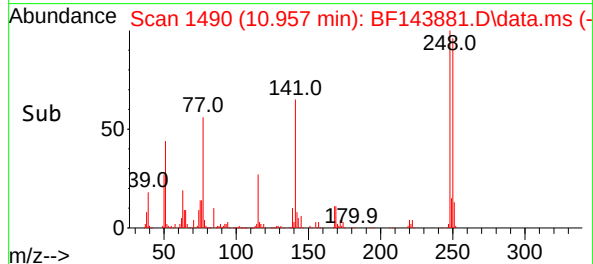


#67
4-Bromophenyl-phenylether
Concen: 56.317 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

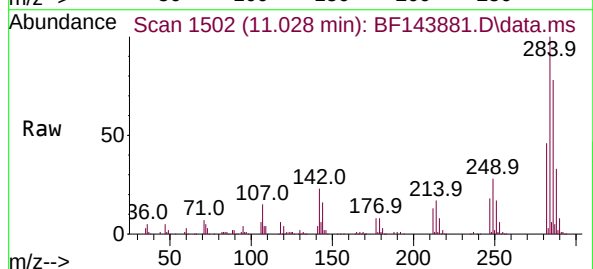
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



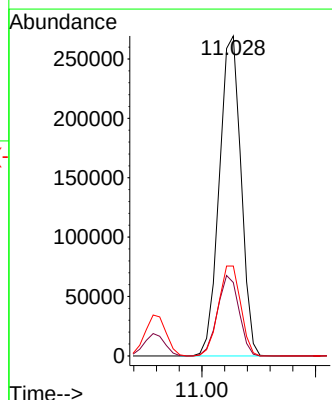
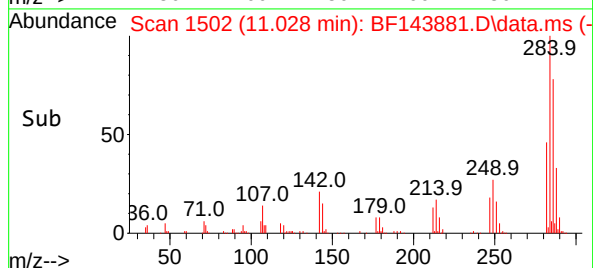
Tgt Ion:248 Resp: 302165
Ion Ratio Lower Upper
248 100
250 96.4 76.3 114.5
141 65.1 49.7 74.5

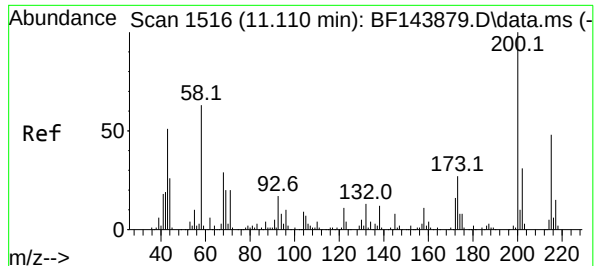


#68
Hexachlorobenzene
Concen: 57.378 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53



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# 1516

Delta R.T. -0.006 min

Lab File: BF143881.D

Acq: 06 Oct 2025 13:53

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

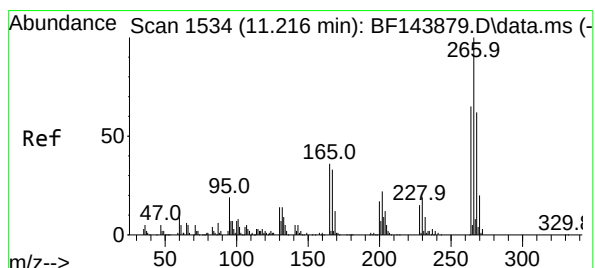
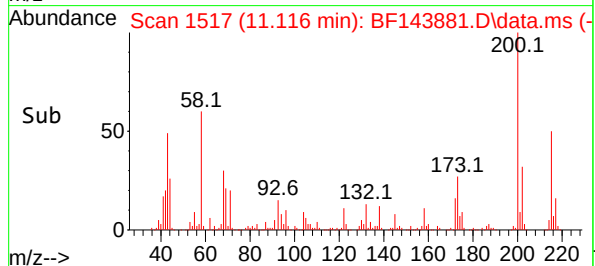
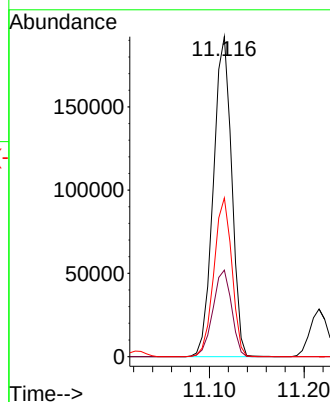
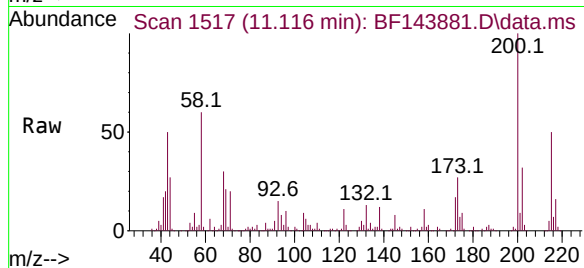
Tgt Ion:200 Resp: 257412

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

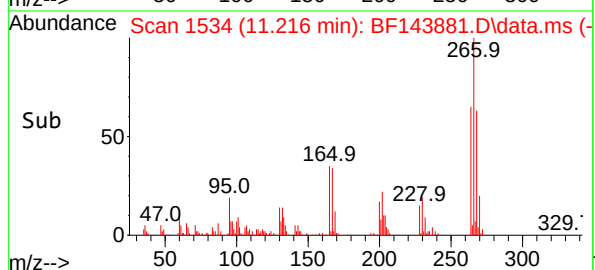
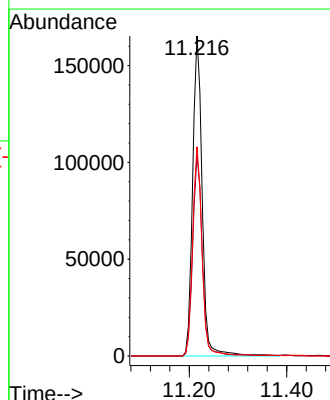
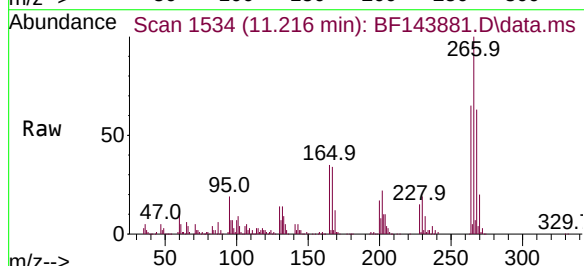
Tgt Ion:266 Resp: 224011

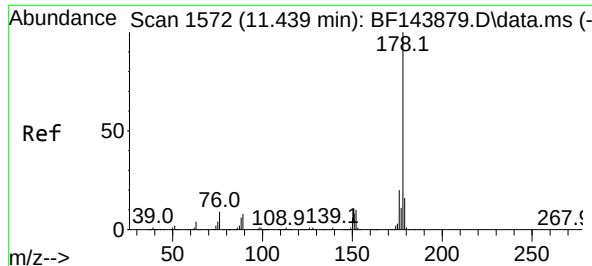
Ion Ratio Lower Upper

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

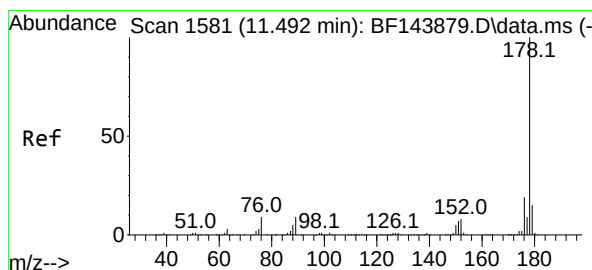
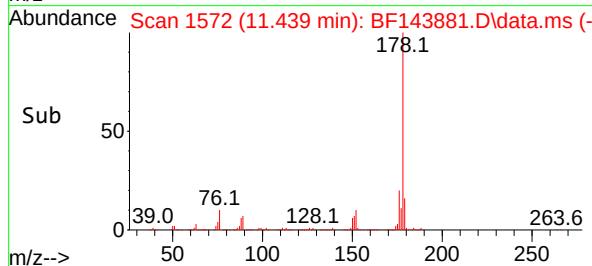
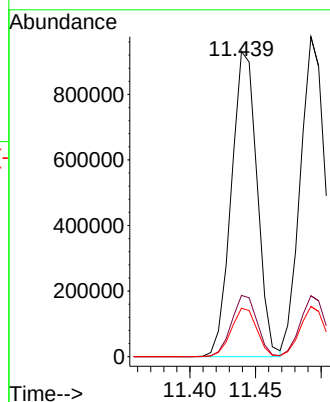
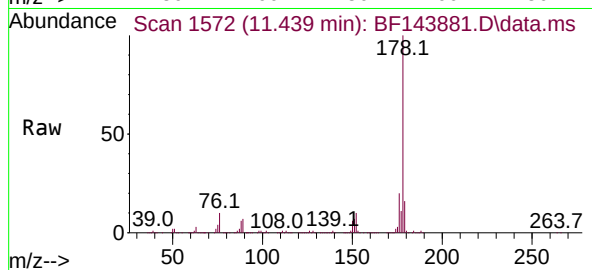
Tgt Ion:178 Resp: 1270063

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

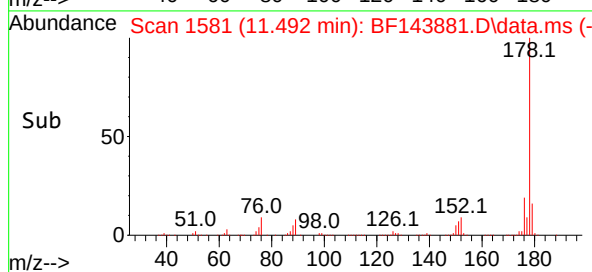
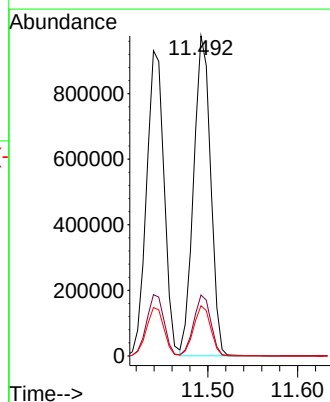
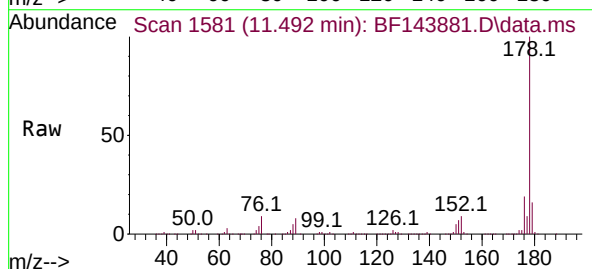
Tgt Ion:178 Resp: 1282940

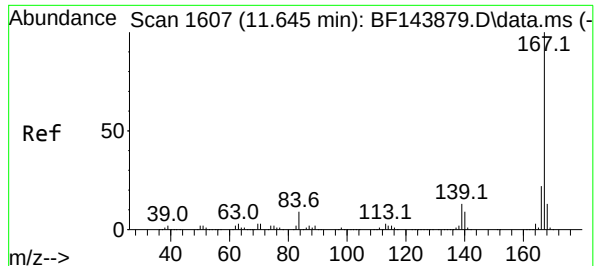
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

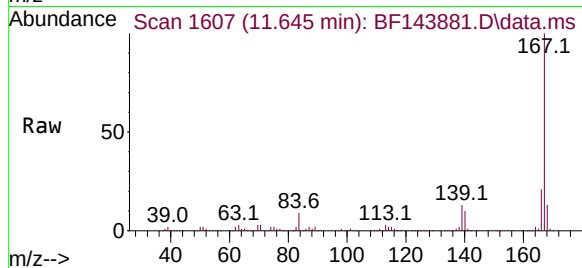
179 15.7 12.2 18.2



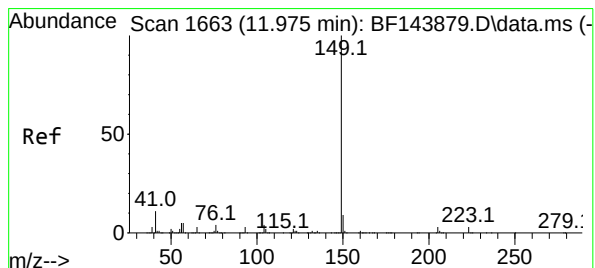
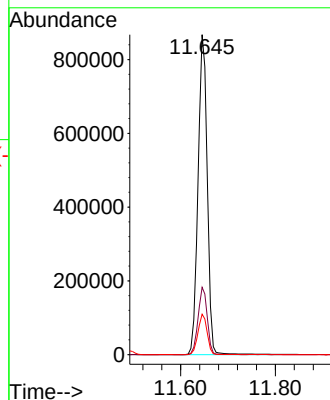
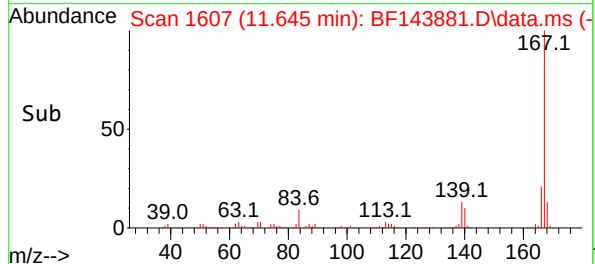


#73
Carbazole
Concen: 55.592 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

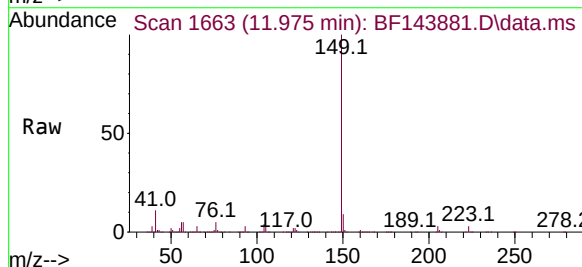
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



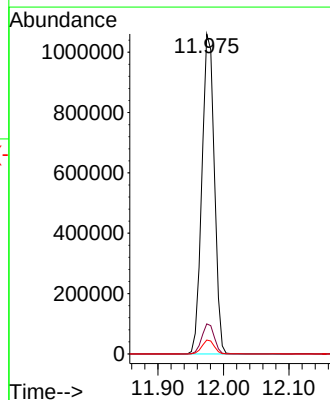
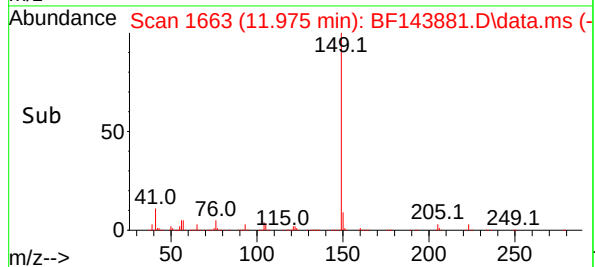
Tgt Ion:167 Resp: 1170717
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 12.6 10.1 15.1

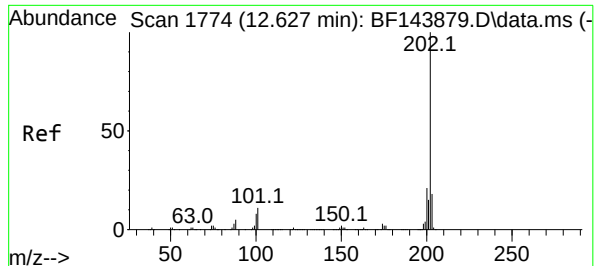


#74
Di-n-butylphthalate
Concen: 56.934 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53



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

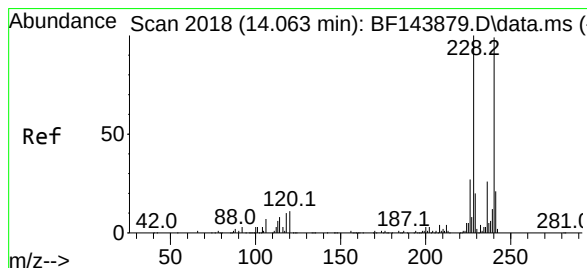
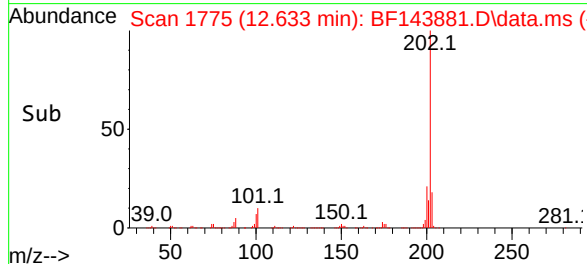
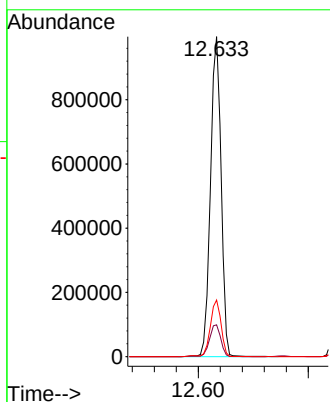
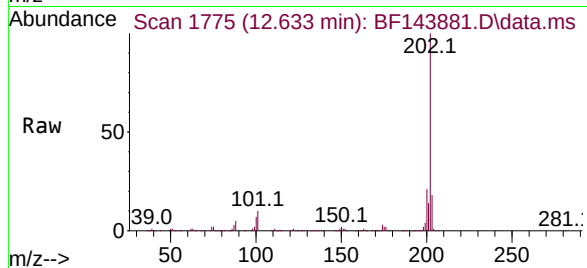




#75
Fluoranthene
Concen: 54.530 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

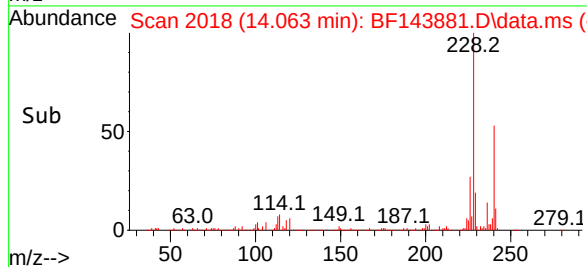
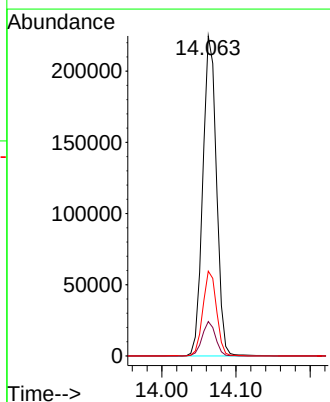
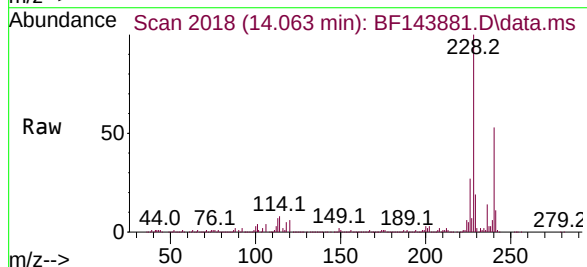
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

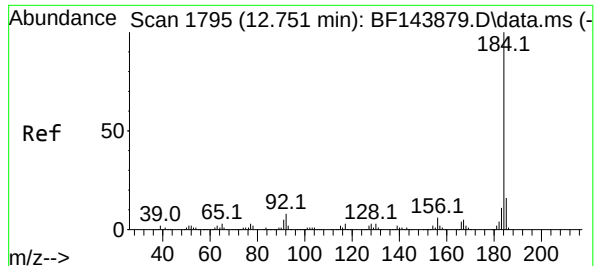
Tgt Ion:202 Resp: 1325716
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.7
203 17.7 0.0 37.8



#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

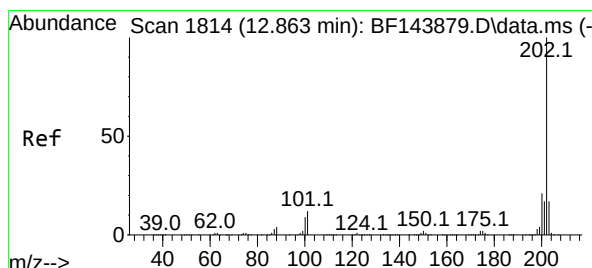
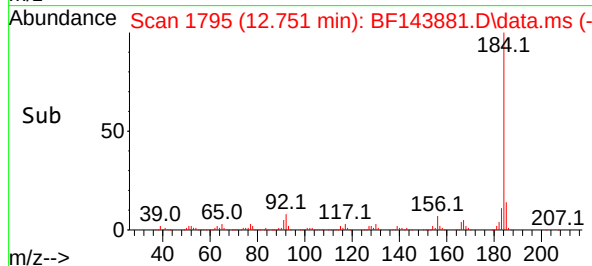
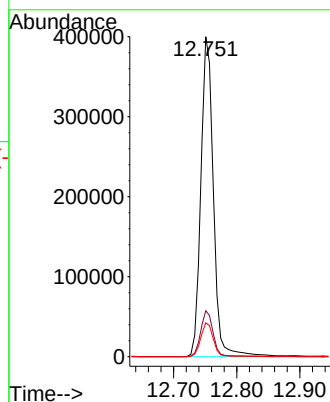
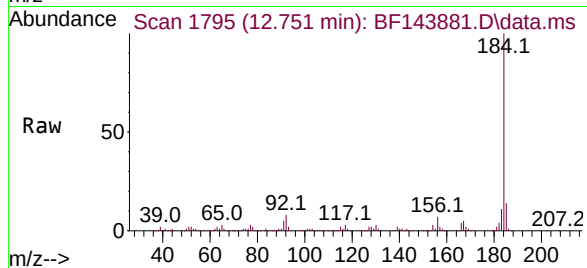
Tgt Ion:184 Resp: 551394

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

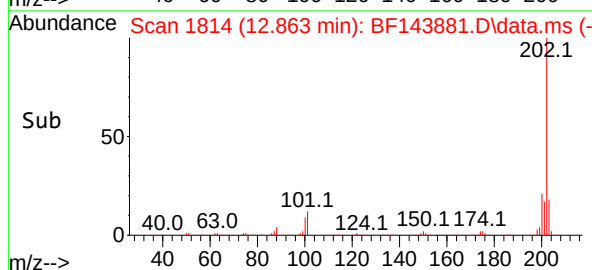
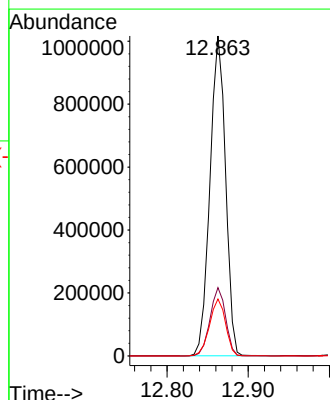
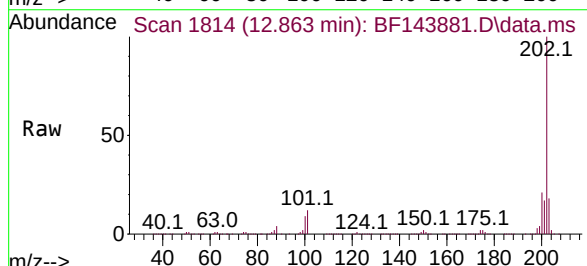
Tgt Ion:202 Resp: 1359513

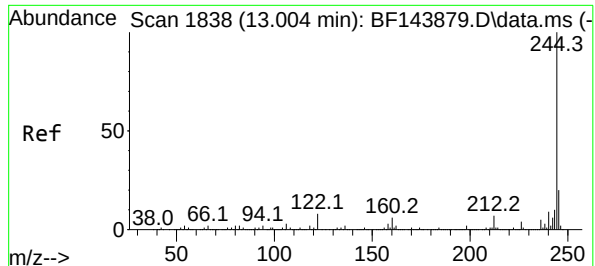
Ion Ratio Lower Upper

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

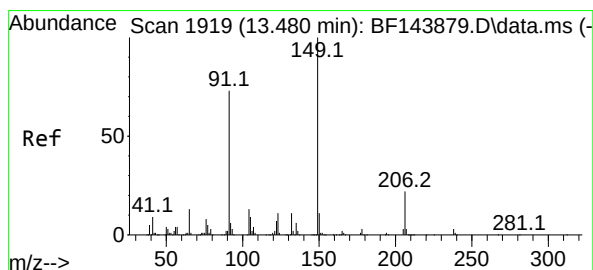
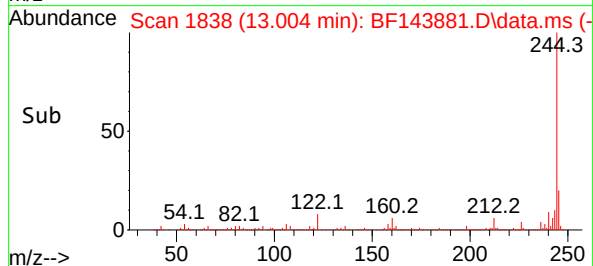
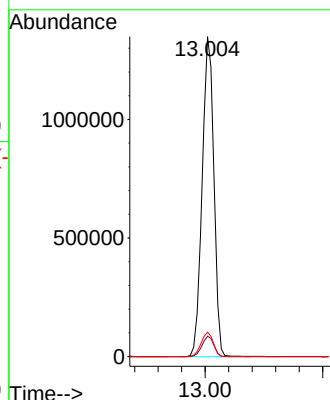
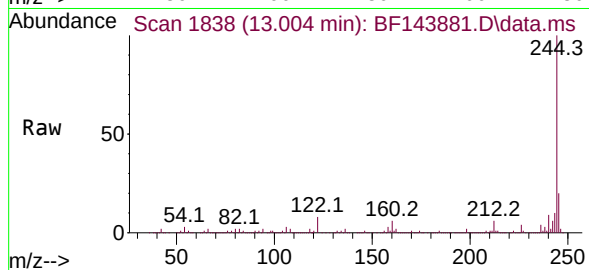
Tgt Ion:244 Resp: 1861234

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

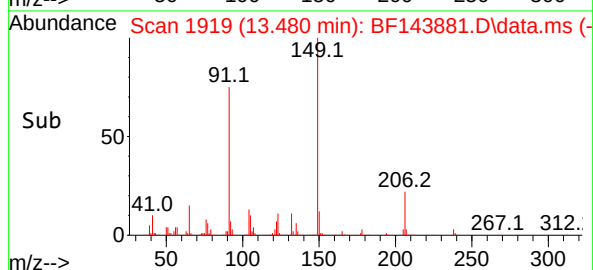
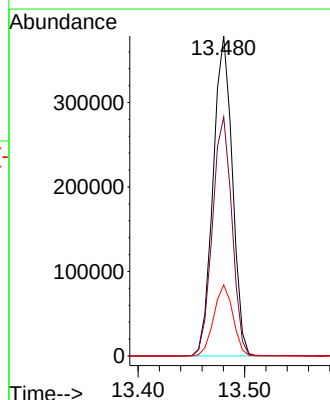
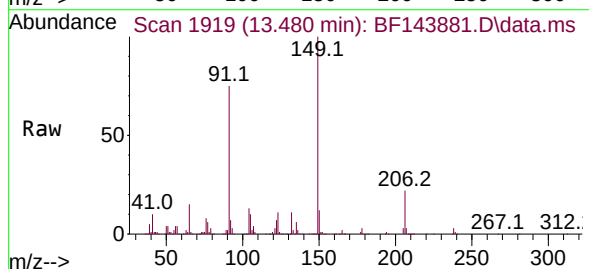
Tgt Ion:149 Resp: 476448

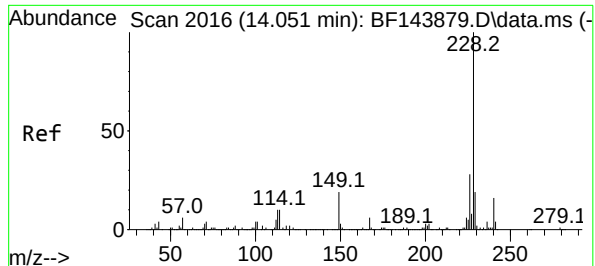
Ion Ratio Lower Upper

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

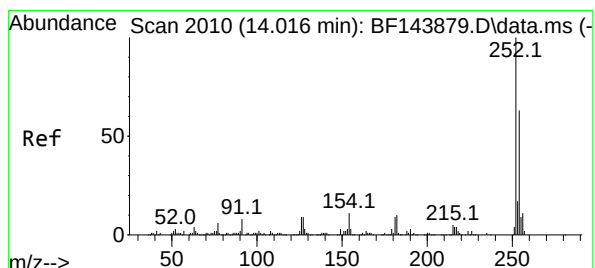
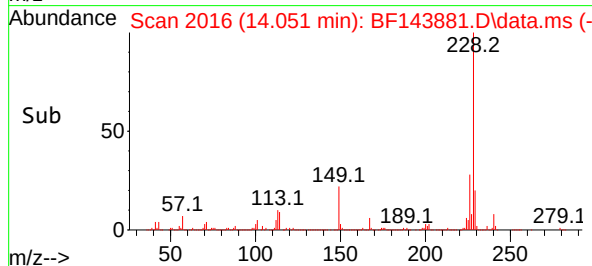
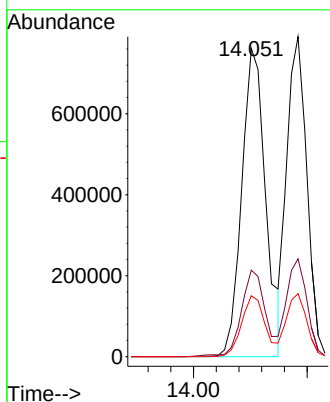
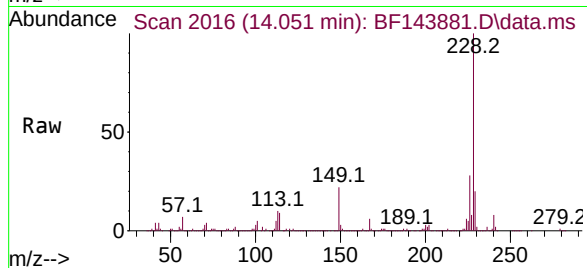
Tgt Ion:228 Resp: 1111626

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

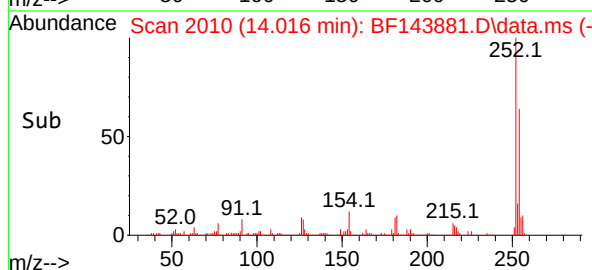
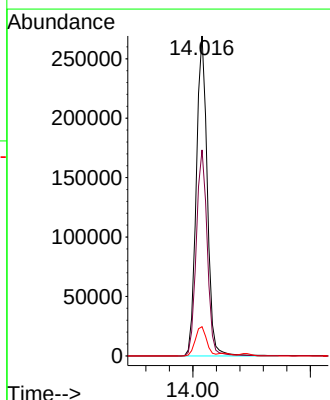
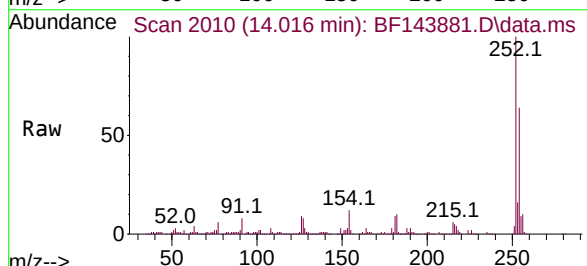
Tgt Ion:252 Resp: 347863

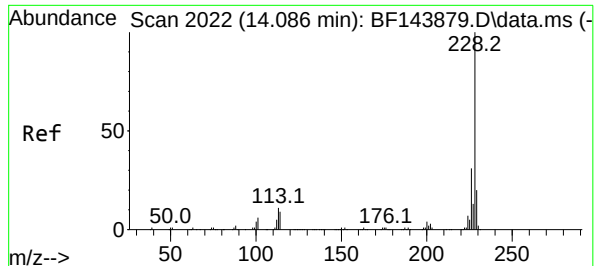
Ion Ratio Lower Upper

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

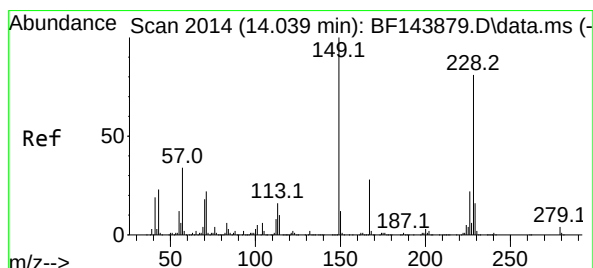
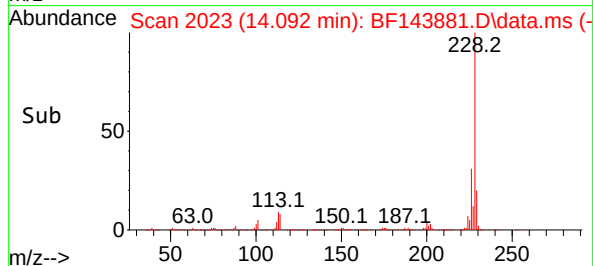
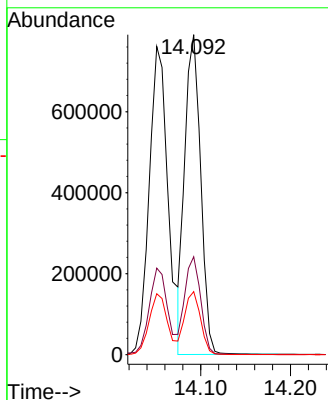
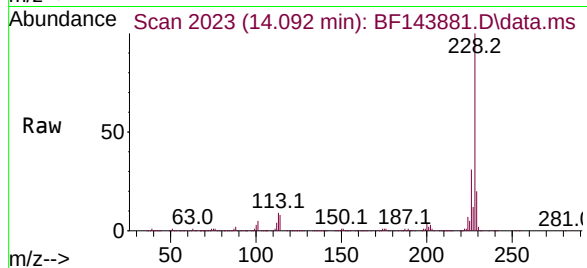
Tgt Ion:228 Resp: 969765

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

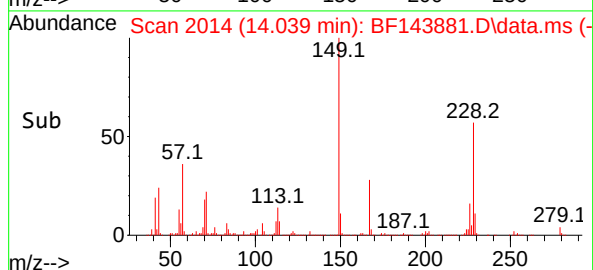
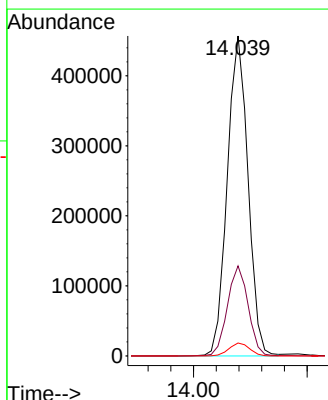
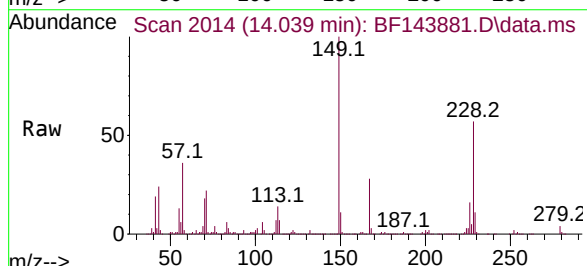
Tgt Ion:149 Resp: 579121

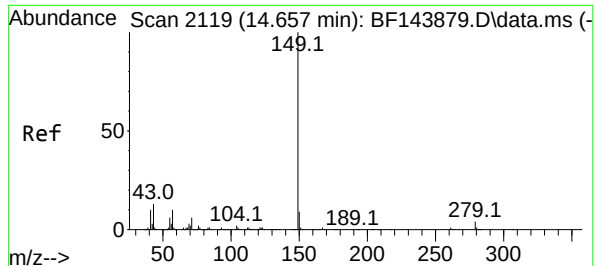
Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

279 4.0 3.1 4.7

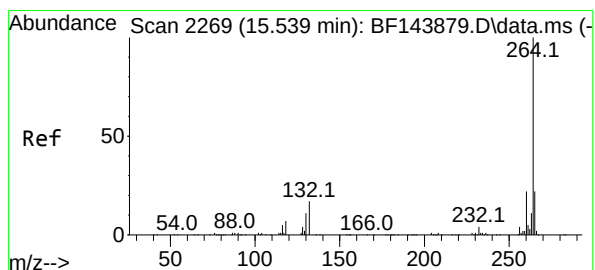
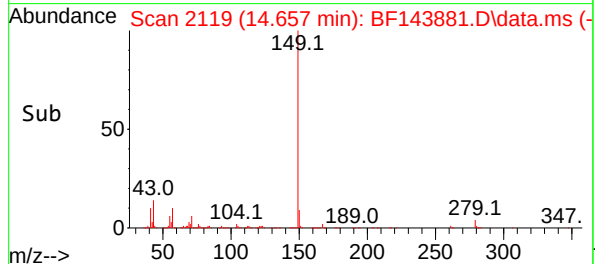
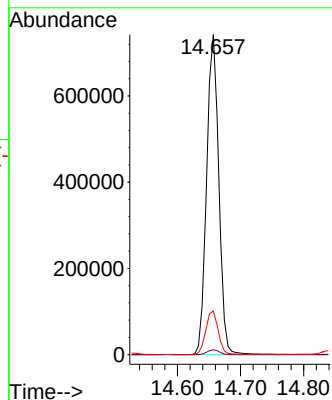
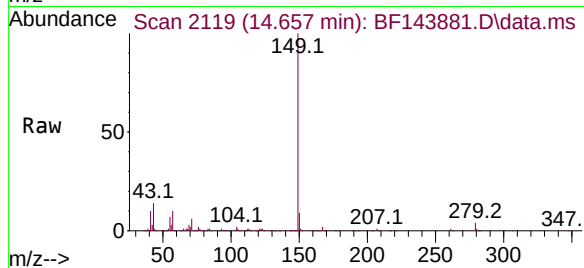




#85
Di-n-octyl phthalate
Concen: 64.431 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

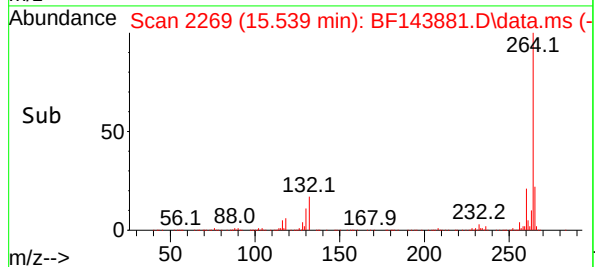
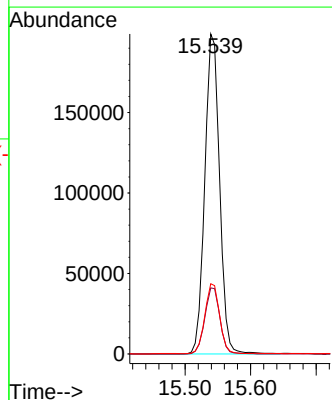
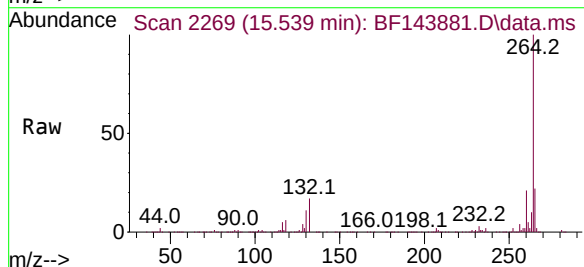
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

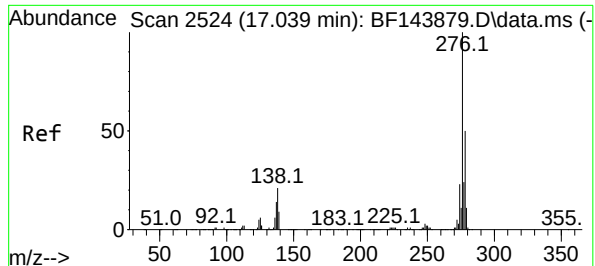
Tgt Ion:149 Resp: 991597
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 14.0 11.0 16.4



#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

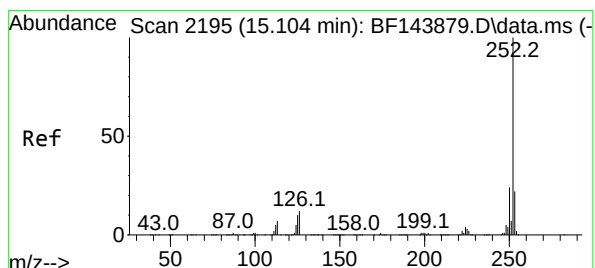
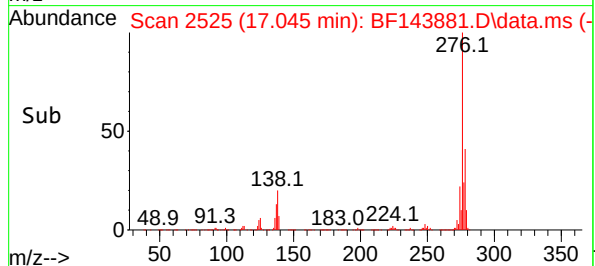
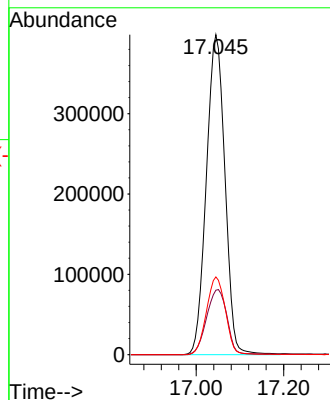
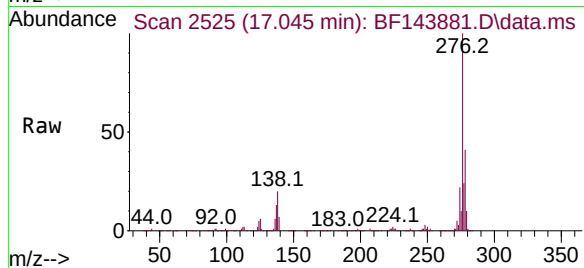
Tgt Ion:276 Resp: 1173726

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

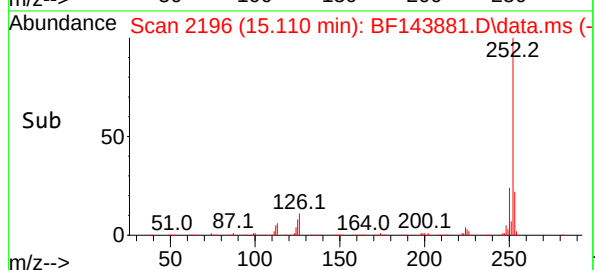
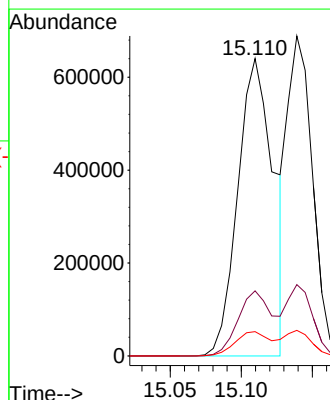
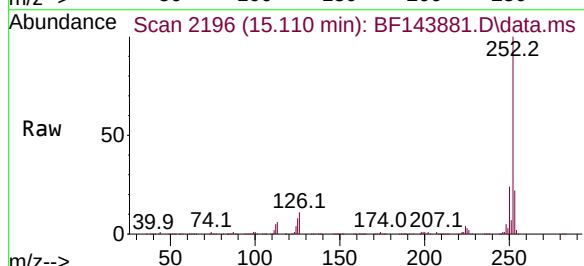
Tgt Ion:252 Resp: 1117484

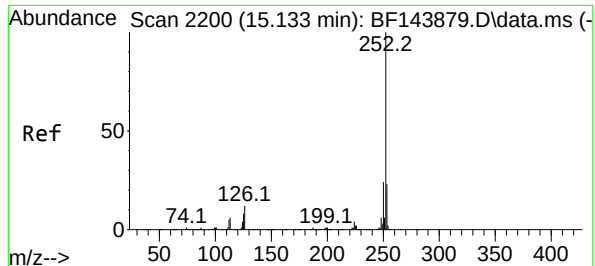
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 8.2 7.8 11.6

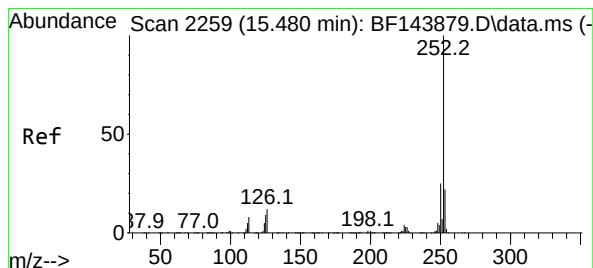
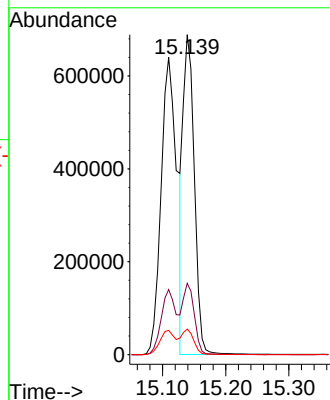
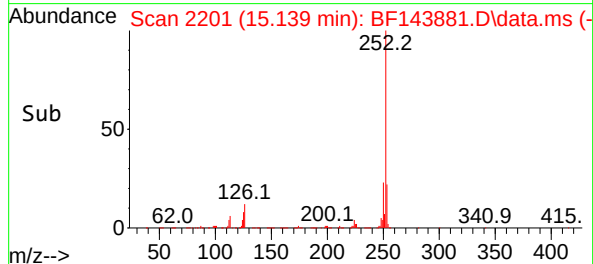
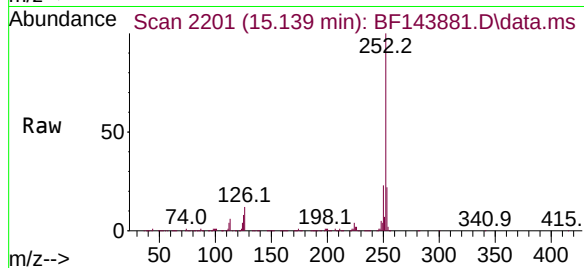




#89
Benzo(k)fluoranthene
Concen: 51.969 ng
RT: 15.139 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

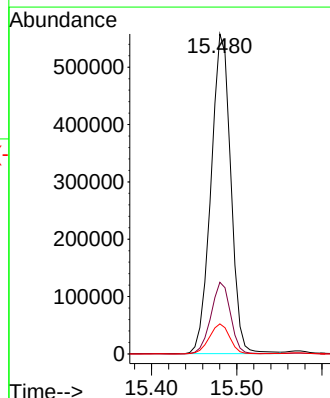
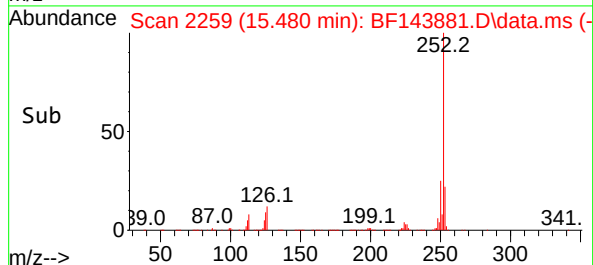
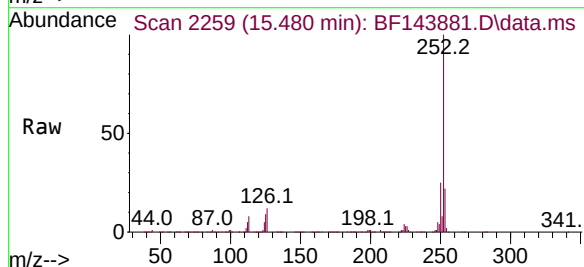
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

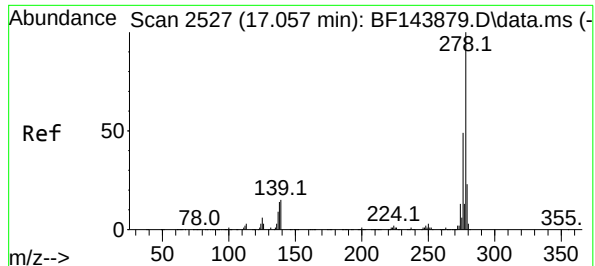
Tgt Ion:252 Resp: 855988
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.0 7.4 11.2



#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

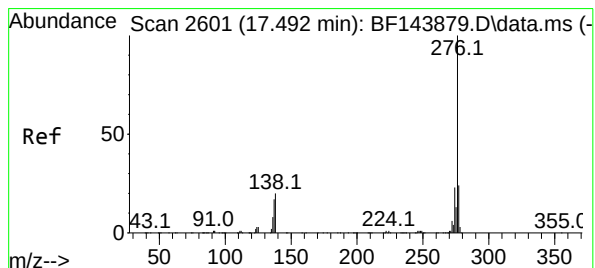
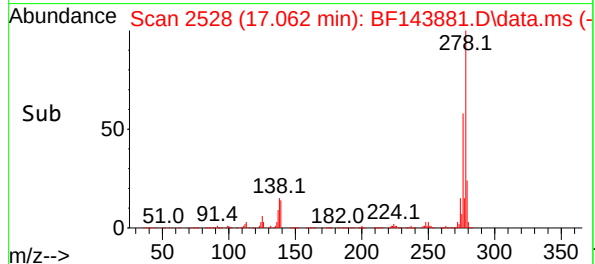
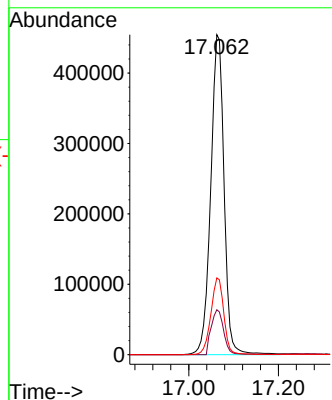
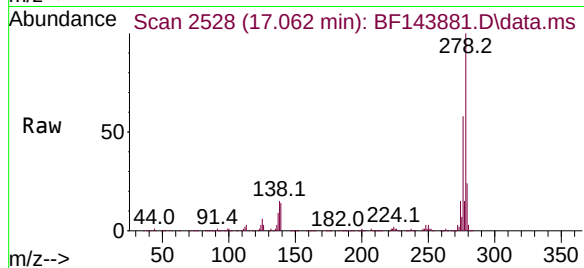




#91
Dibenzo(a,h)anthracene
Concen: 61.291 ng
RT: 17.062 min Scan# 2527
Delta R.T. -0.017 min
Lab File: BF143881.D
Acq: 06 Oct 2025 13:53

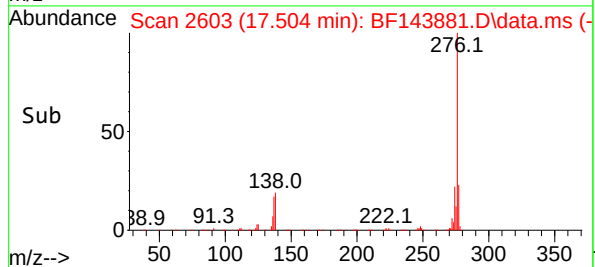
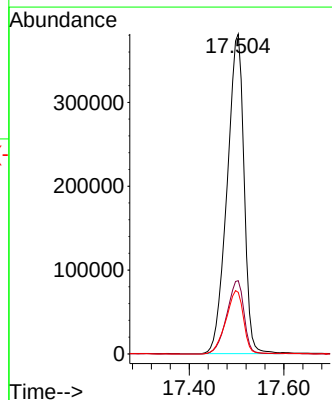
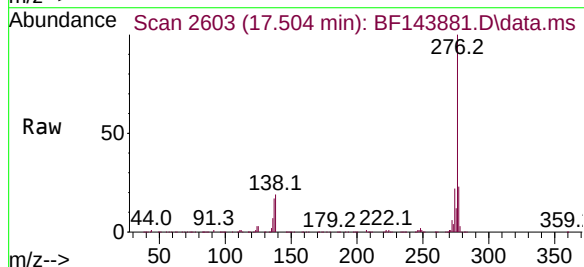
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

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

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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)
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

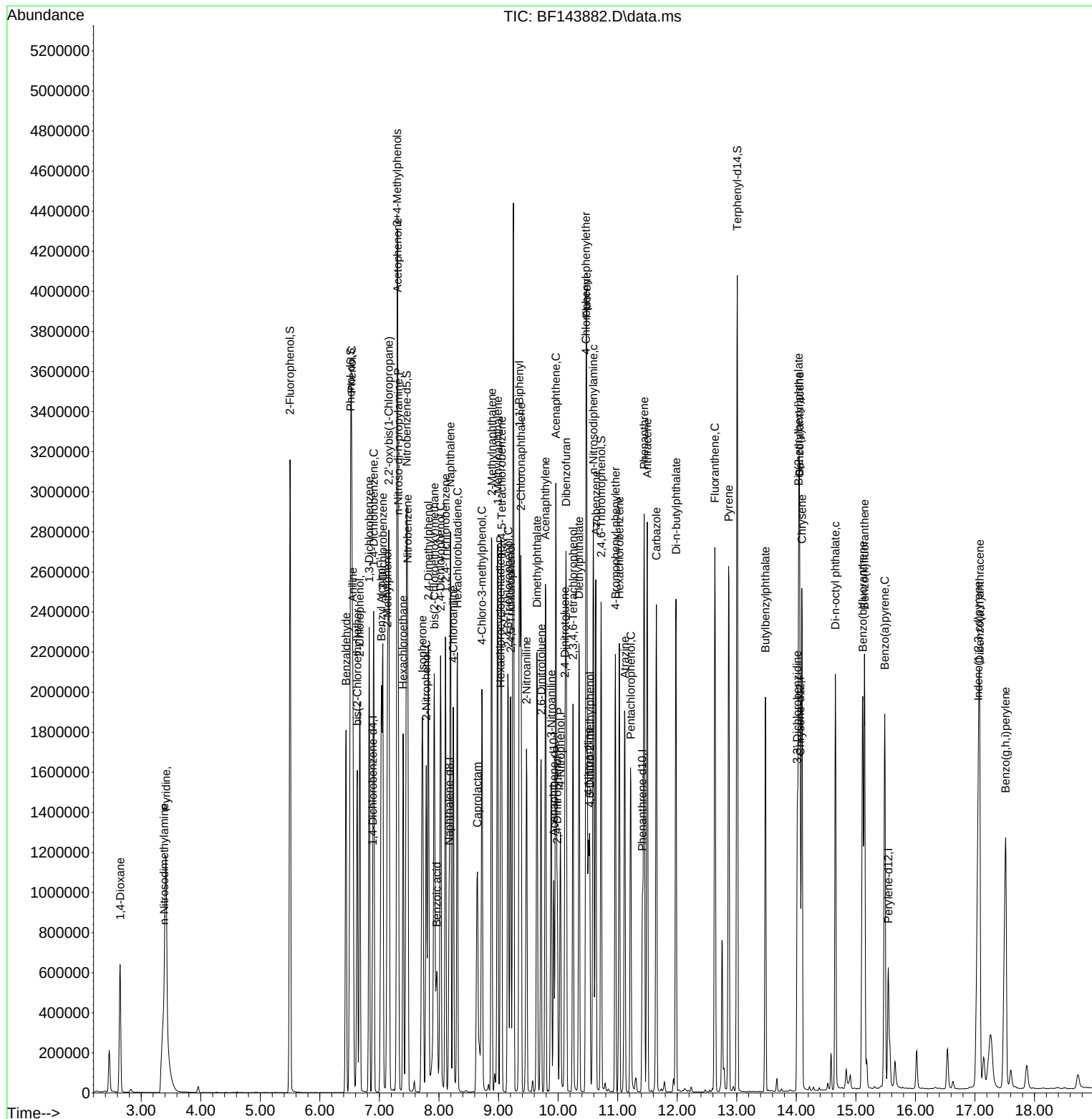
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Data File : BF143882.D
Acq On : 06 Oct 2025 14:22
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

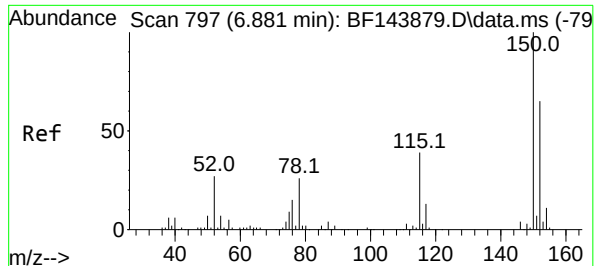
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

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





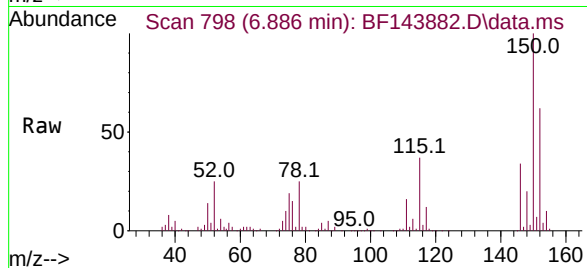
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

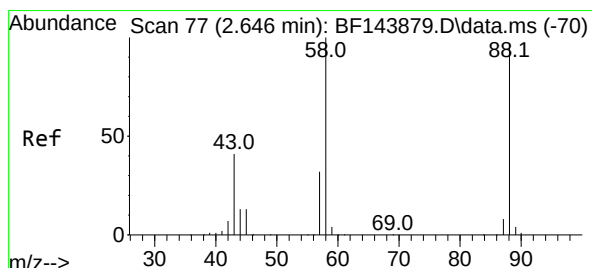
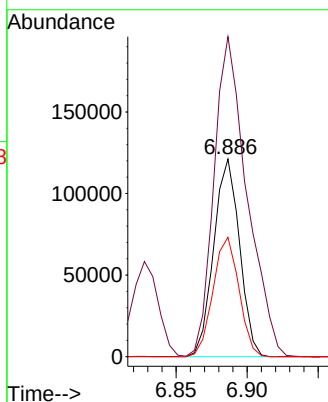
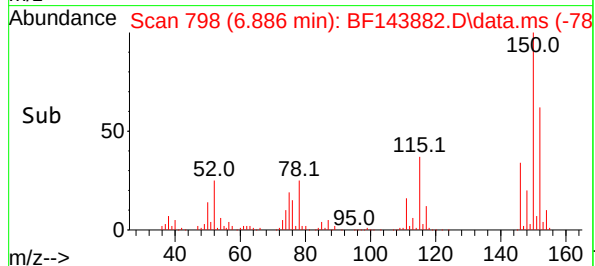


Tgt Ion:152 Resp: 153550
Ion Ratio Lower Upper
152 100
150 162.0 124.4 186.6
115 60.3 48.1 72.1

Manual Integrations

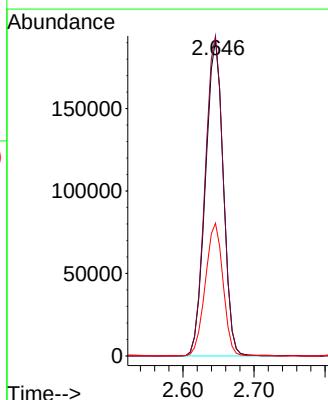
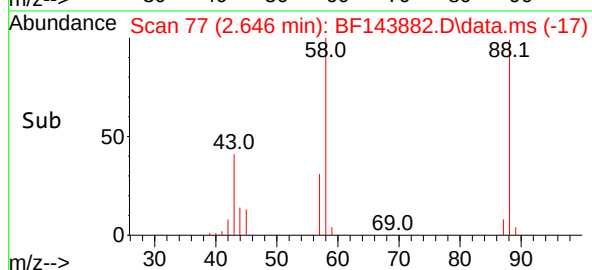
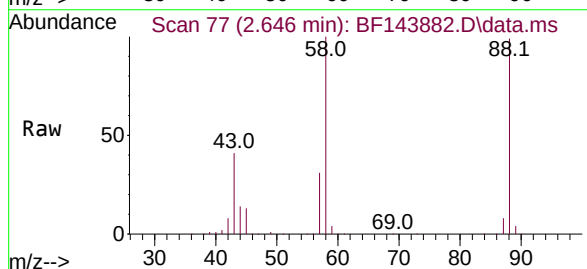
APPROVED

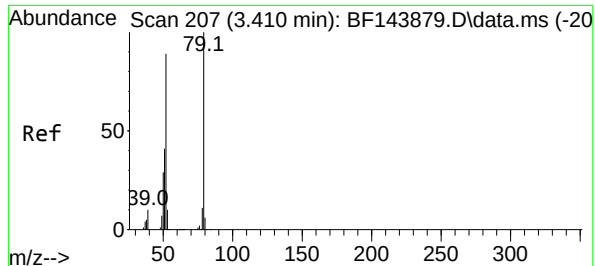
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

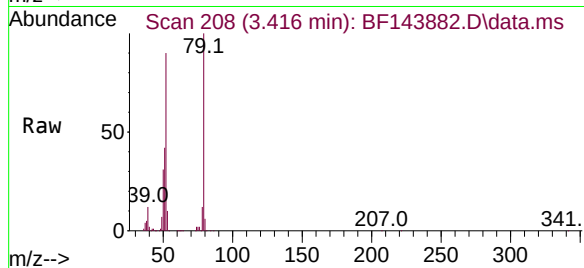
Tgt Ion: 88 Resp: 334123
Ion Ratio Lower Upper
88 100
58 102.1 83.0 124.6
43 41.3 33.9 50.9





#3
Pyridine
Concen: 77.503 ng
RT: 3.416 min Scan# 207
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

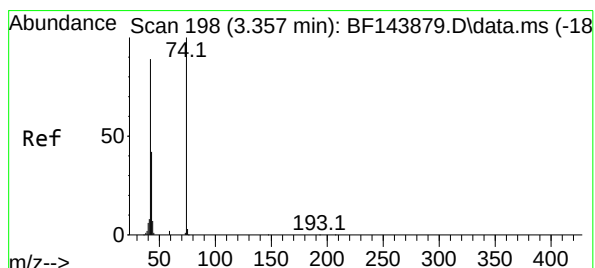
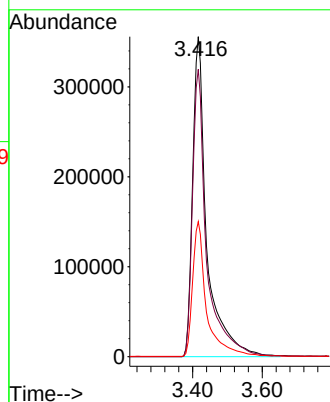
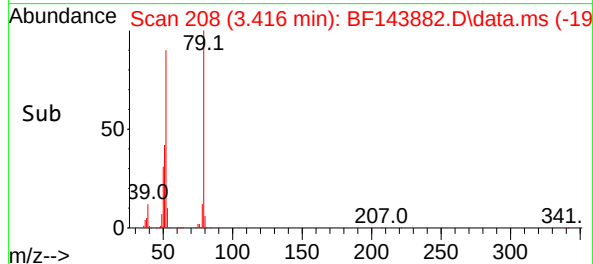
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 79 Resp: 100955
Ion Ratio Lower Upper
79 100
52 89.8 71.5 107.3
51 42.2 32.9 49.3

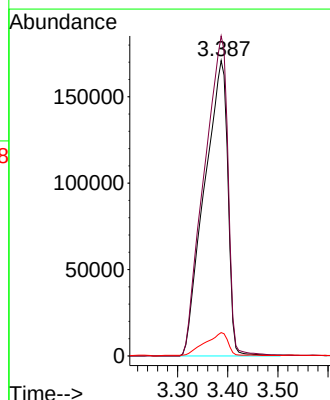
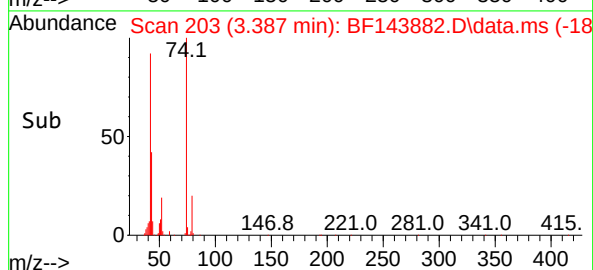
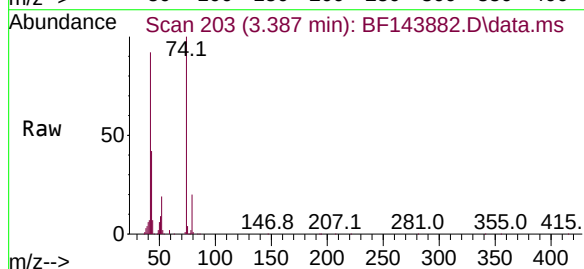
Manual Integrations
APPROVED

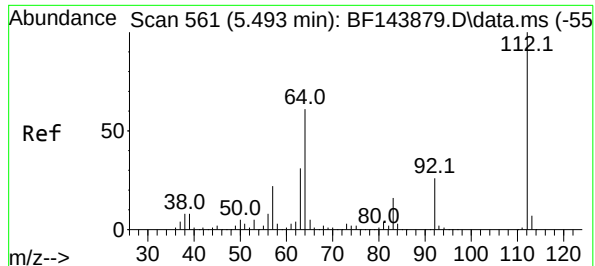
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

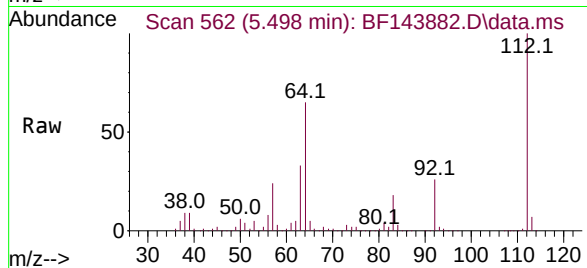
Tgt Ion: 42 Resp: 552664
Ion Ratio Lower Upper
42 100
74 108.4 90.0 135.0
44 7.9 6.2 9.2





#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

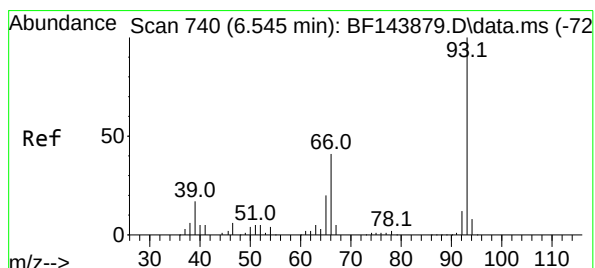
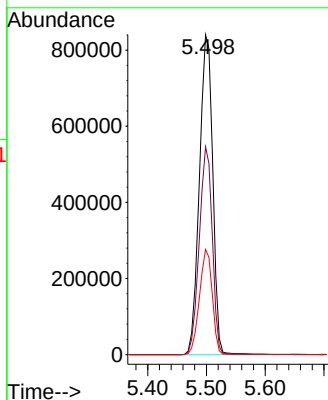
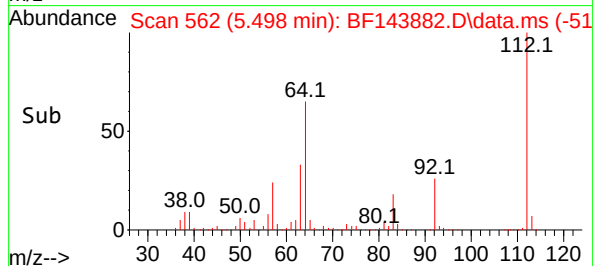
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

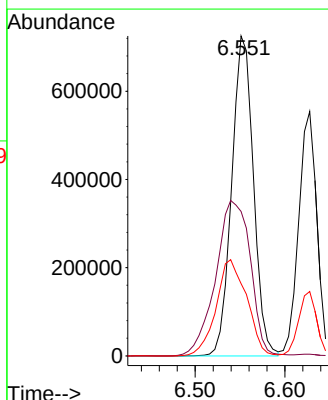
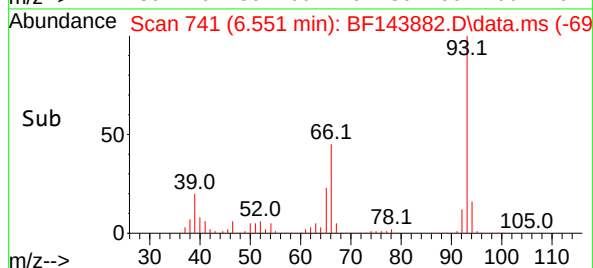
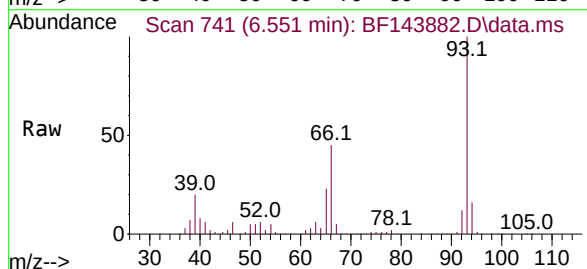
Manual Integrations
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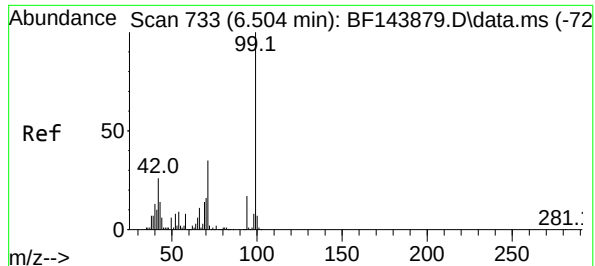
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

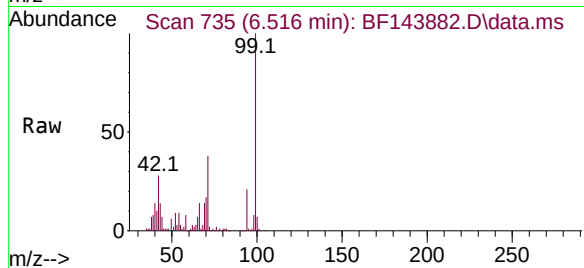
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 99 Resp: 1617892

Ion Ratio Lower Upper

99 100

42 28.0 21.0 31.4

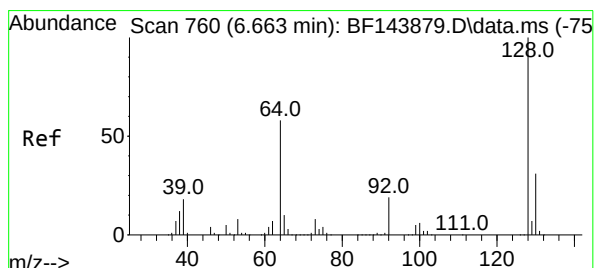
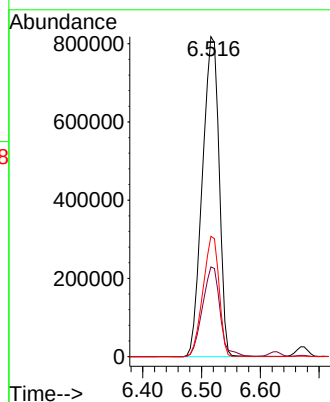
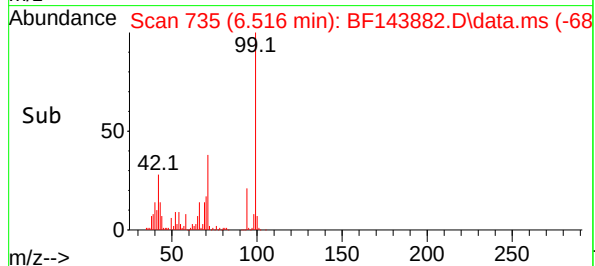
71 37.6 27.8 41.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

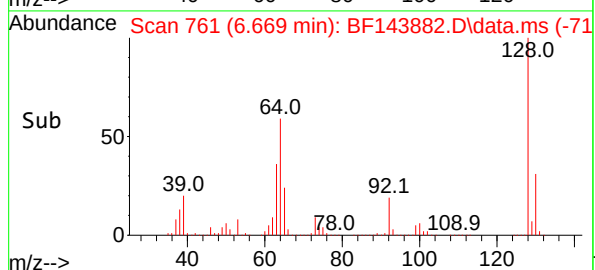
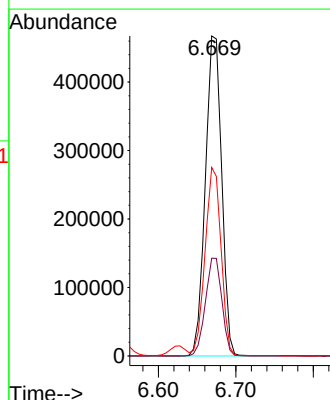
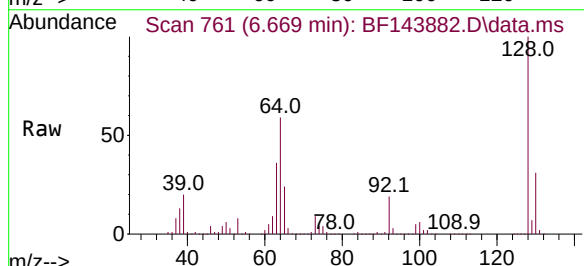
Tgt Ion:128 Resp: 683900

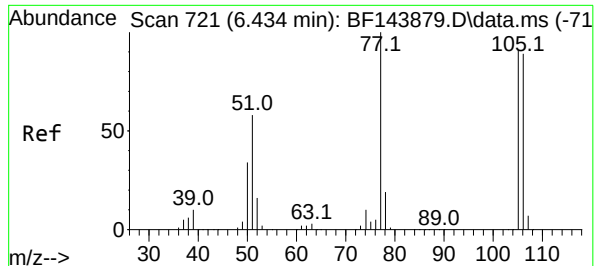
Ion Ratio Lower Upper

128 100

130 30.5 10.7 50.7

64 58.9 39.0 79.0





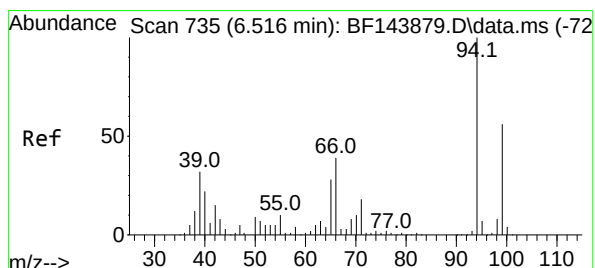
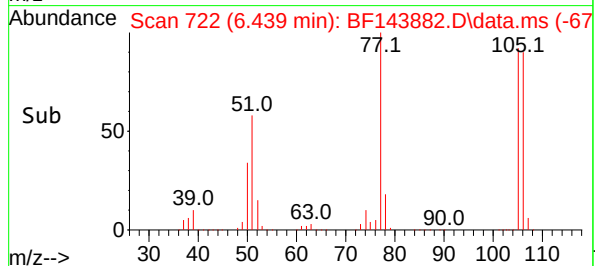
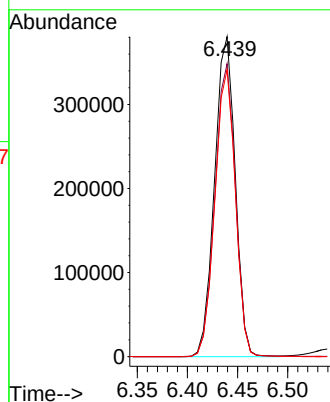
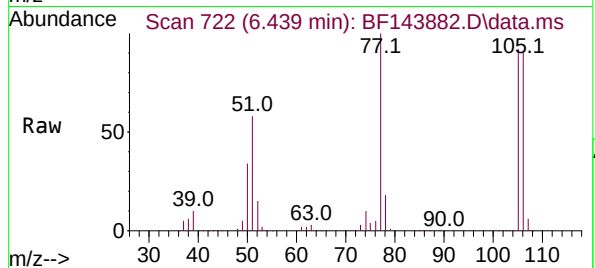
#9
Benzaldehyde
Concen: 61.507 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

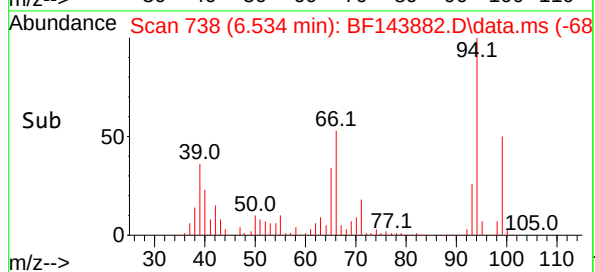
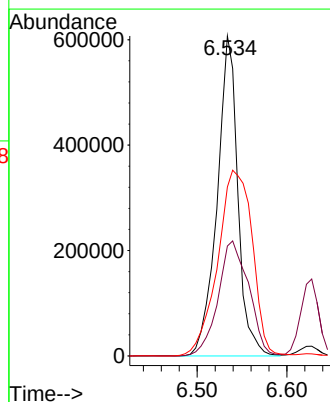
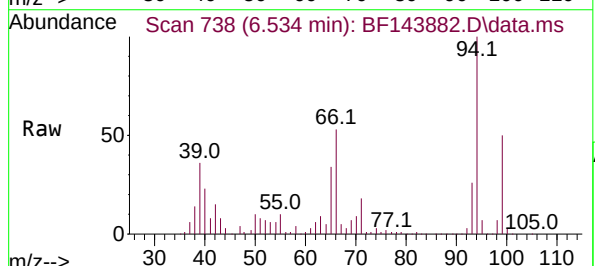
Manual Integrations
APPROVED

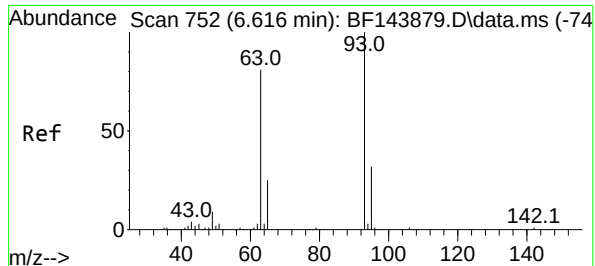
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





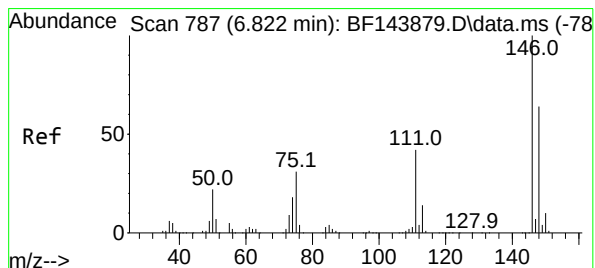
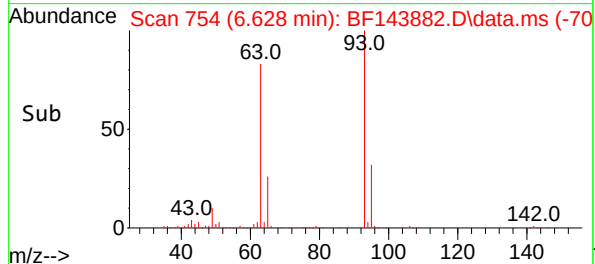
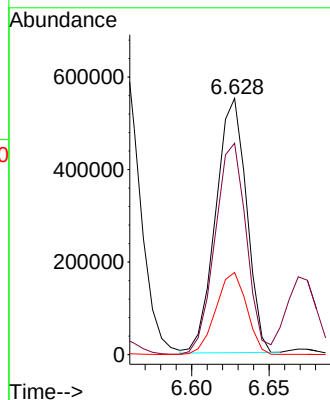
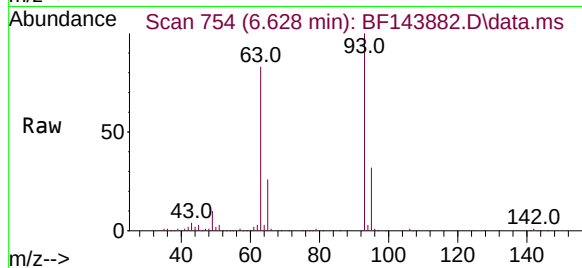
#11
bis(2-Chloroethyl)ether
Concen: 71.438 ng
RT: 6.628 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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

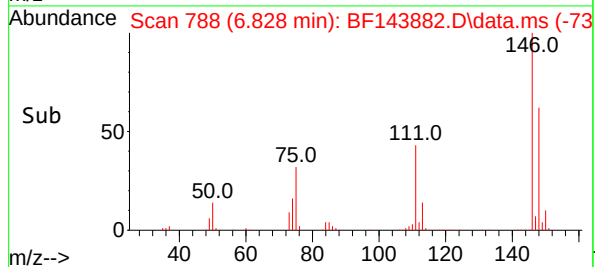
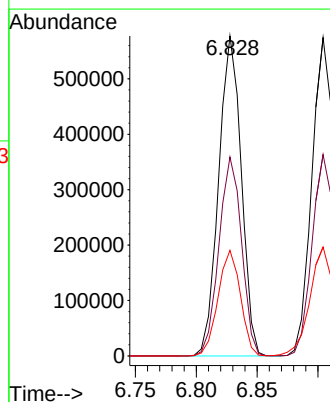
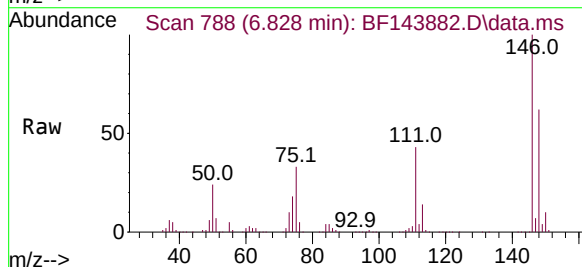
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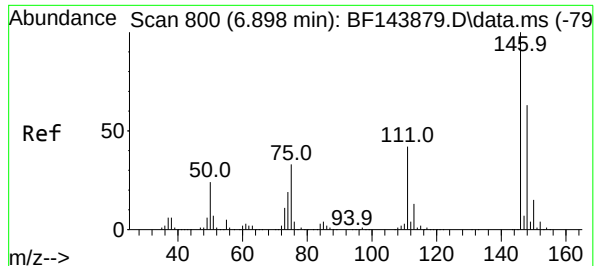
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

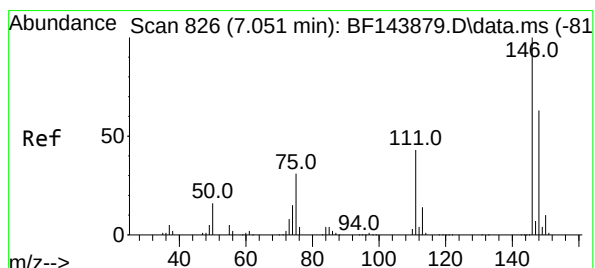
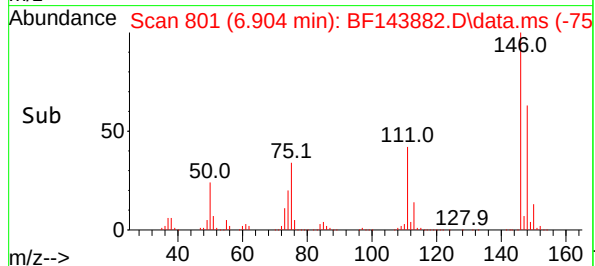
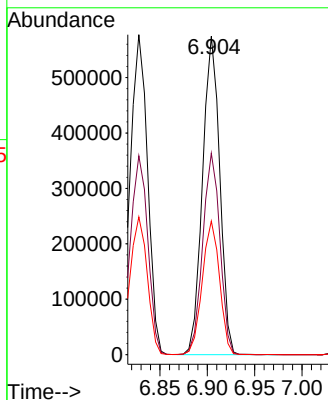
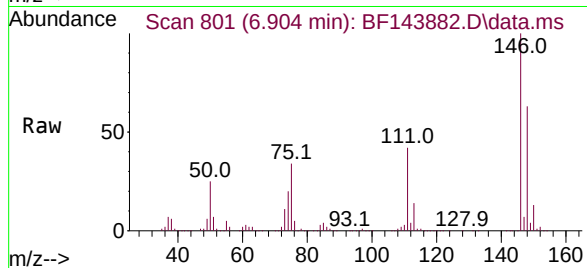
111 42.0 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

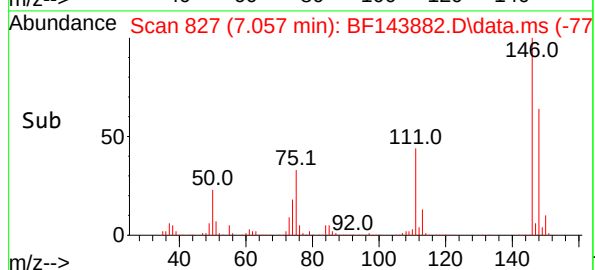
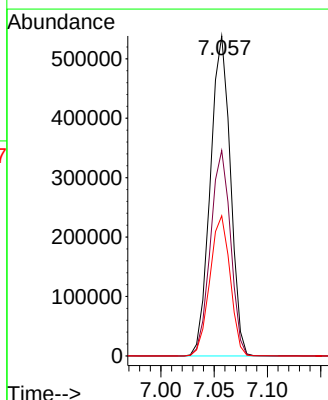
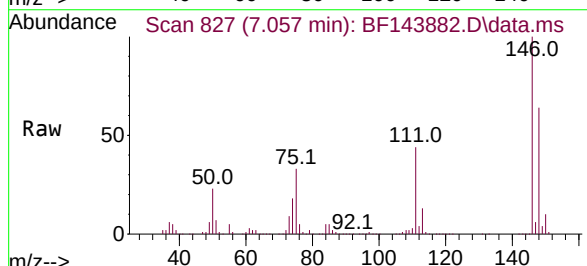
Tgt Ion:146 Resp: 708144

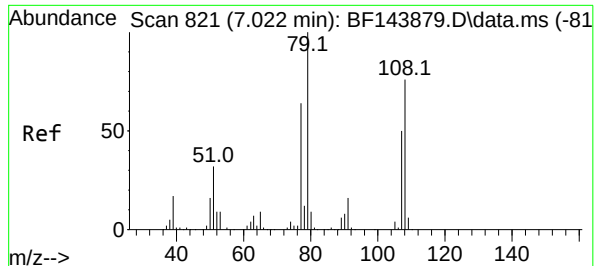
Ion Ratio Lower Upper

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

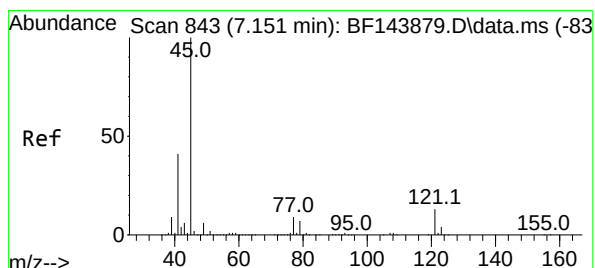
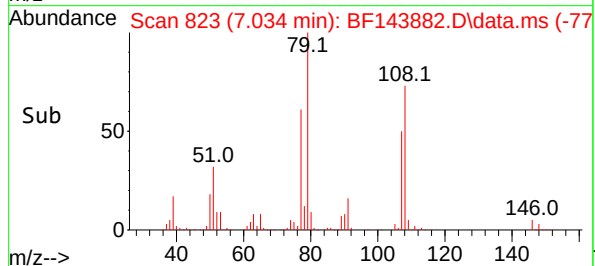
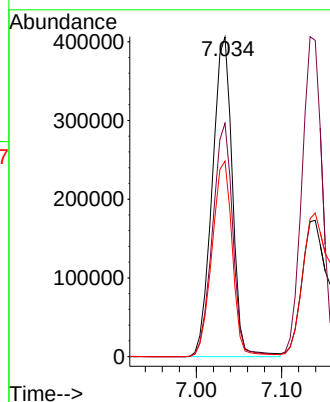
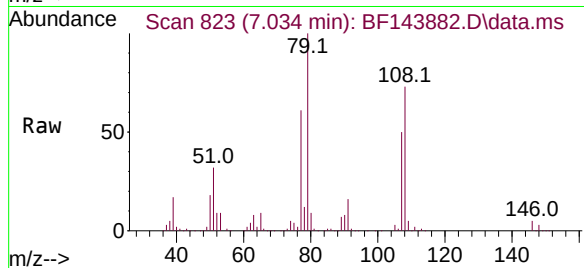
77 61.1 51.0 76.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

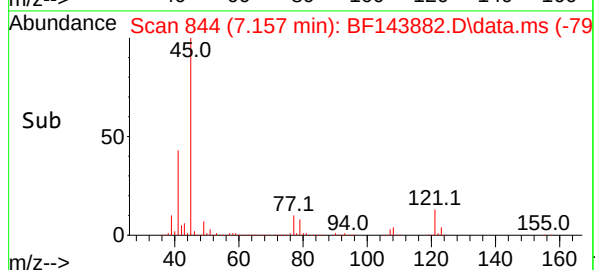
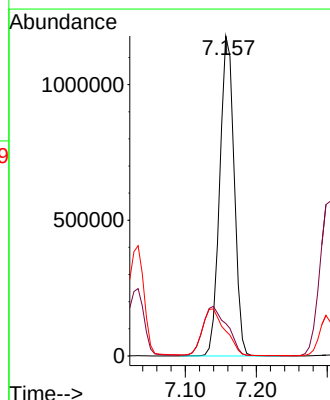
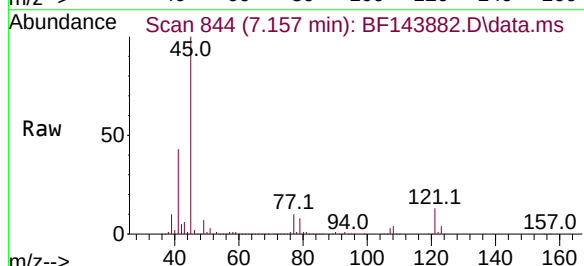
Tgt Ion: 45 Resp: 1670583

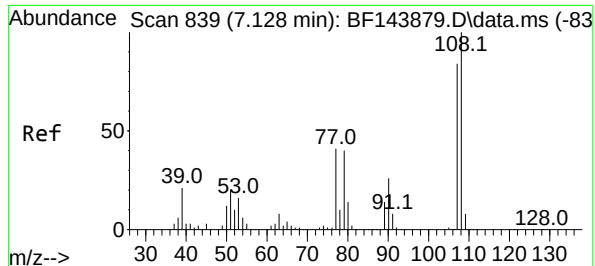
Ion Ratio Lower Upper

45 100

77 10.1 0.0 29.0

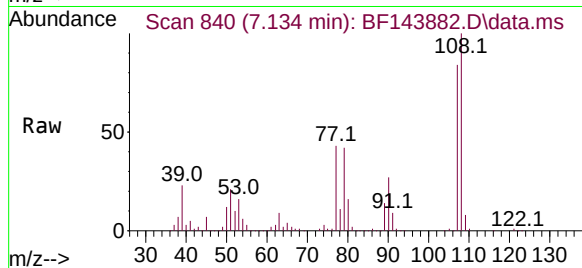
79 7.8 0.0 26.8





#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

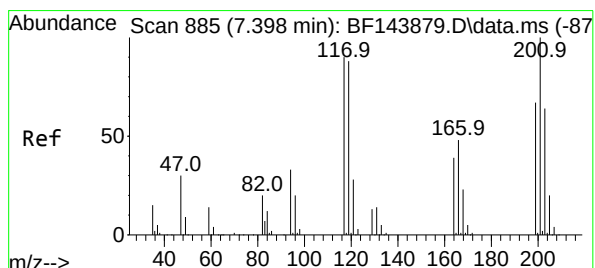
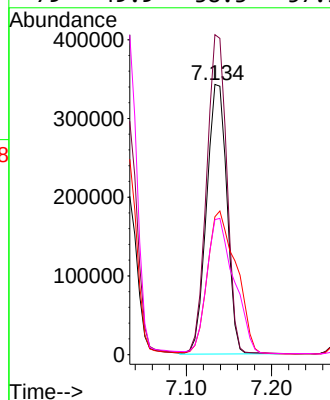
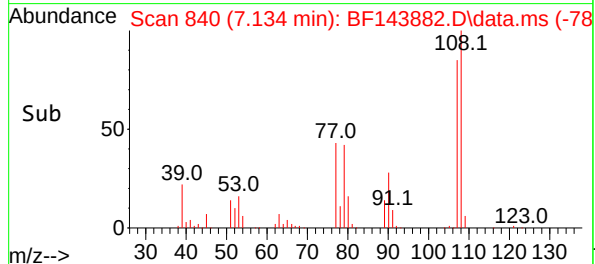
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



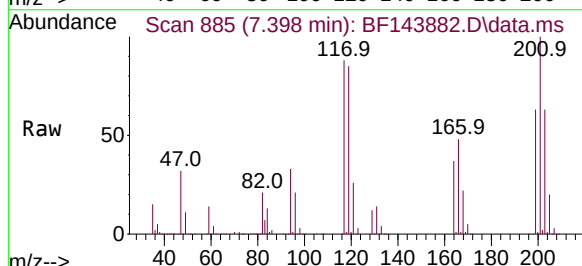
Tgt Ion:107 Resp: 569618
Ion Ratio Lower Upper
107 100
108 118.5 94.7 142.1
77 51.0 38.8 58.2
79 49.9 38.3 57.5

Manual Integrations
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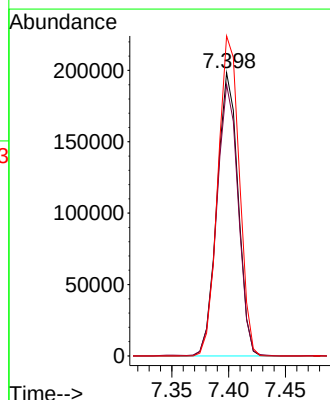
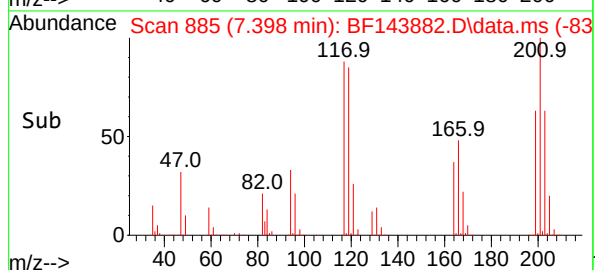
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

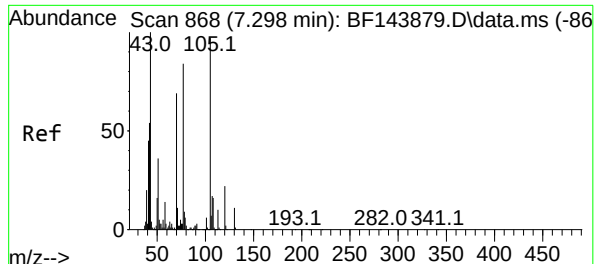


#18
Hexachloroethane
Concen: 68.827 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



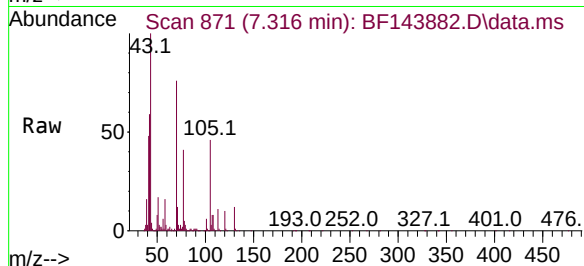
Tgt Ion:117 Resp: 256173
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.8
201 113.0 88.5 132.7





#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

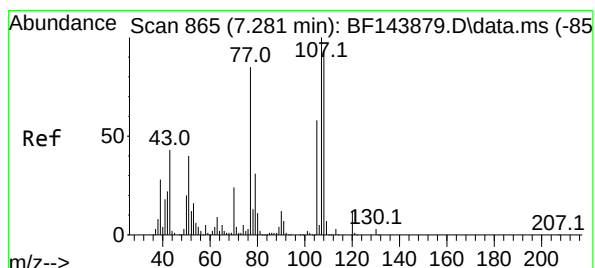
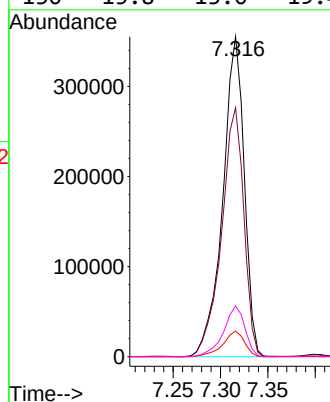
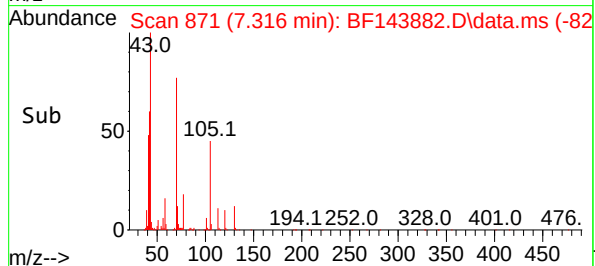
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



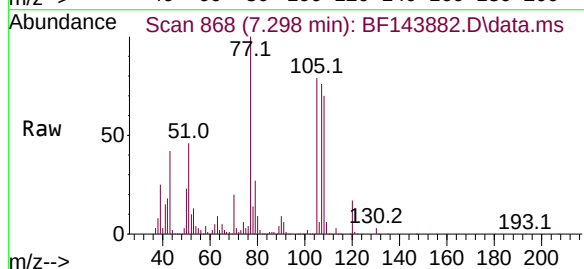
Tgt Ion: 70 Resp: 559962
Ion Ratio Lower Upper
70 100
42 77.8 62.8 94.2
101 8.0 6.7 10.1
130 15.8 13.0 19.4

Manual Integrations
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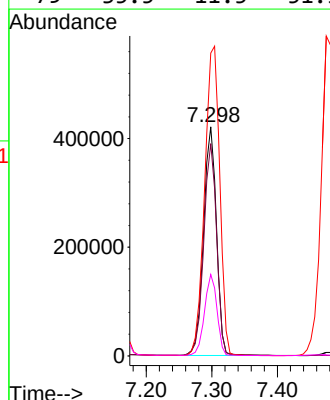
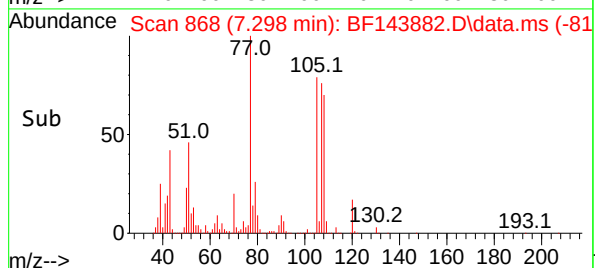
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

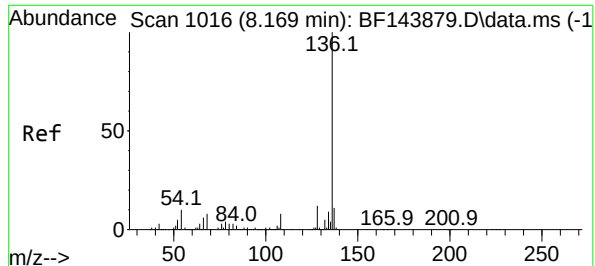


#20
3+4-Methylphenols
Concen: 63.295 ng
RT: 7.298 min Scan# 868
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



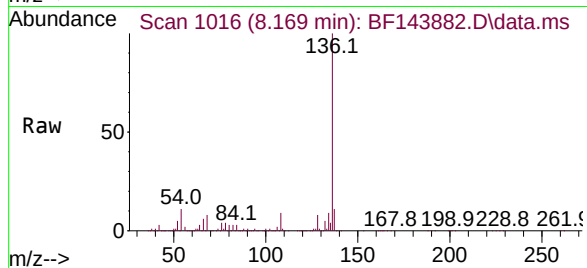
Tgt Ion:107 Resp: 573027
Ion Ratio Lower Upper
107 100
108 92.7 73.0 113.0
77 132.3 64.6 104.6#
79 35.5 11.5 51.5





#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

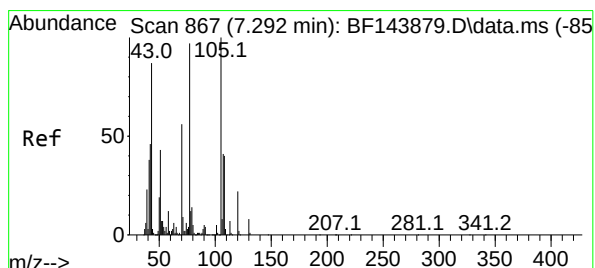
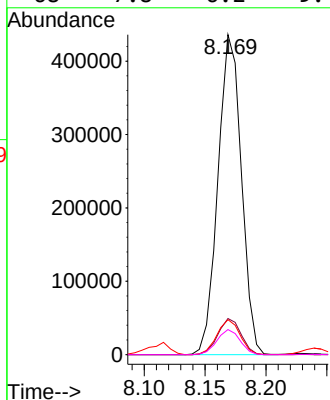
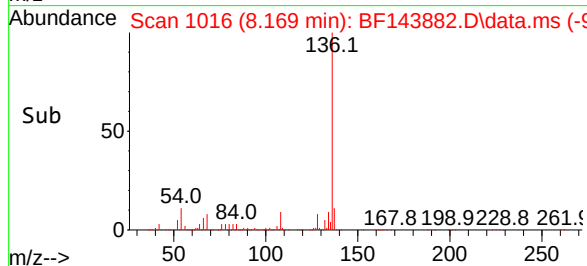
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

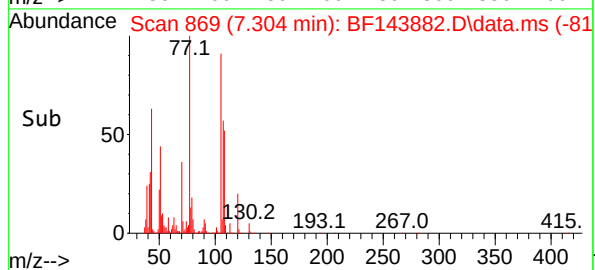
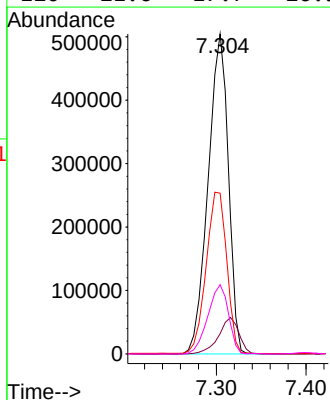
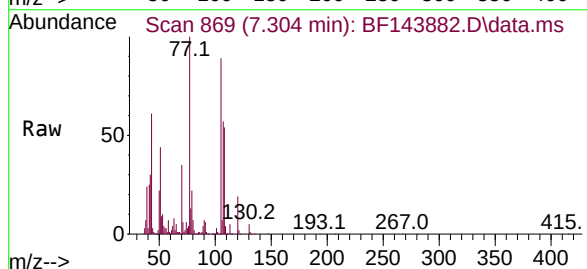
Manual Integrations
APPROVED

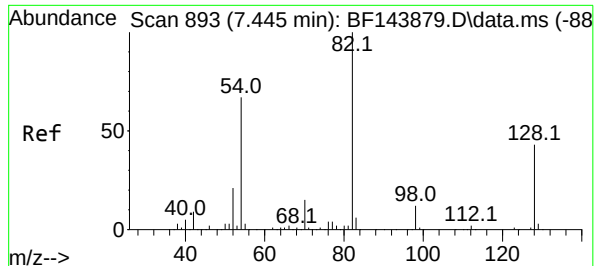
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

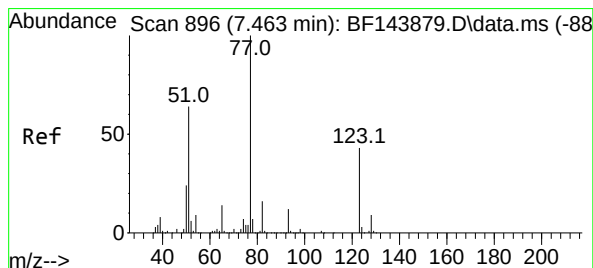
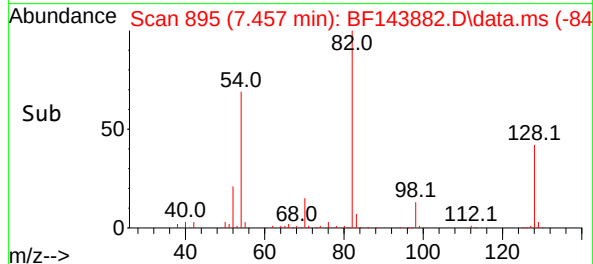
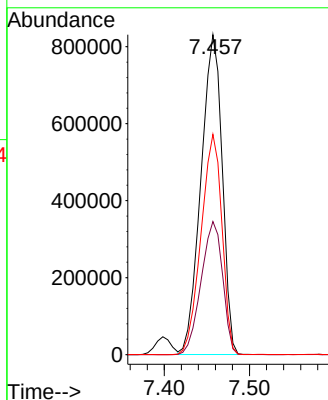
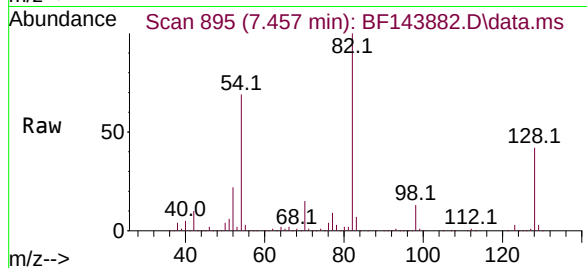
54 68.8 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

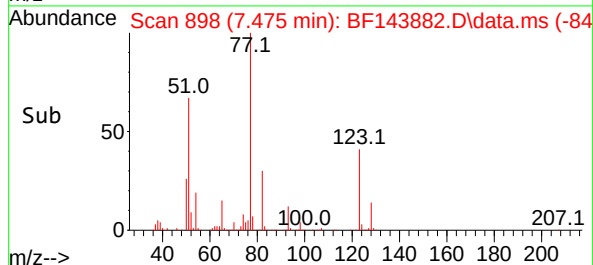
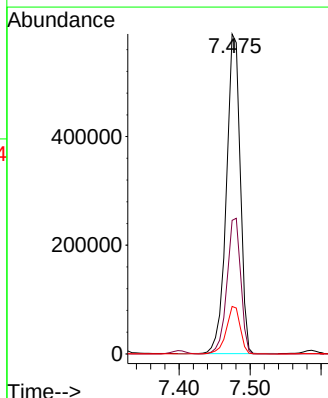
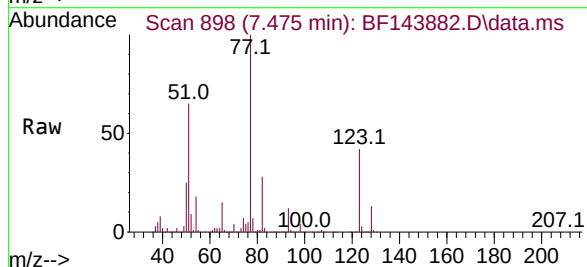
Tgt Ion: 77 Resp: 800306

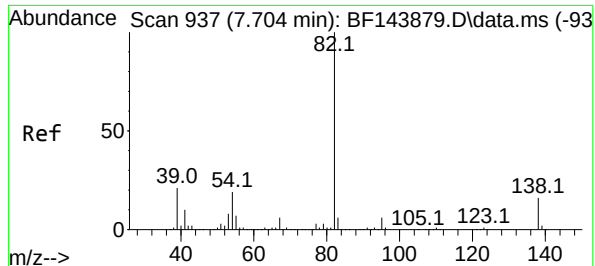
Ion Ratio Lower Upper

77 100

123 41.7 34.2 51.4

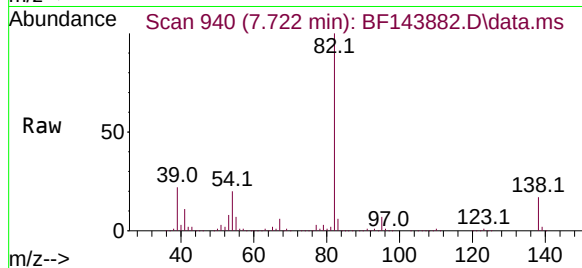
65 14.8 11.0 16.6





#25
Isophorone
Concen: 75.651 ng
RT: 7.722 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

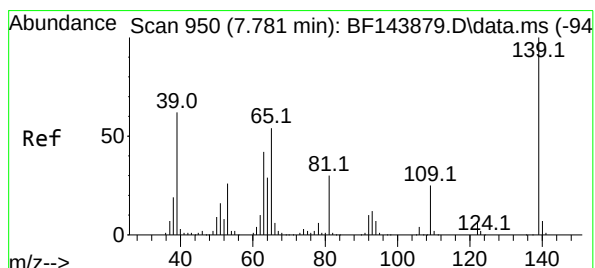
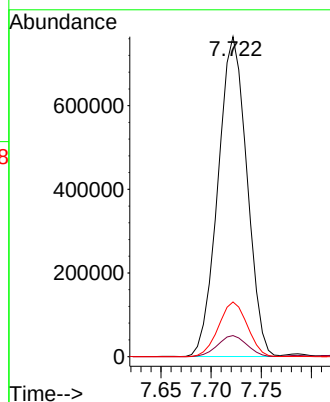
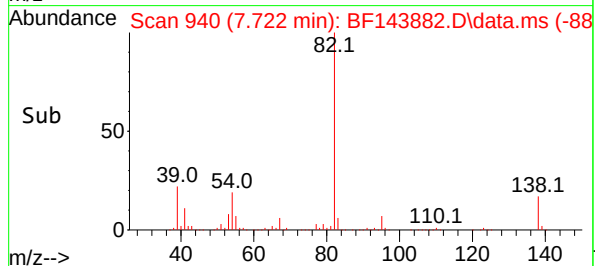
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion: 82 Resp: 153478
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 17.1 12.9 19.3

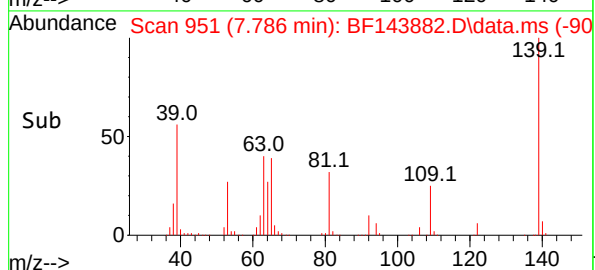
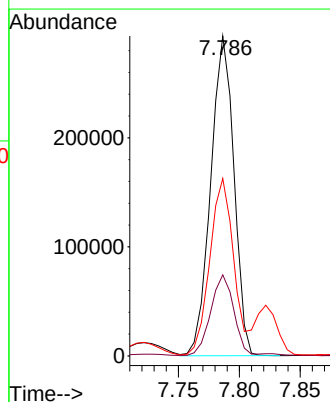
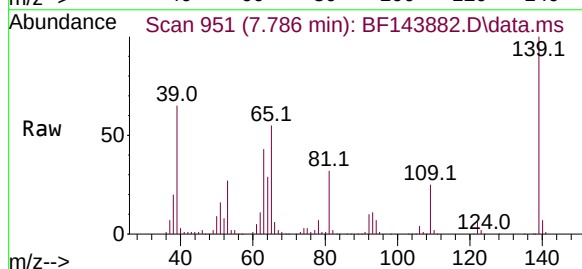
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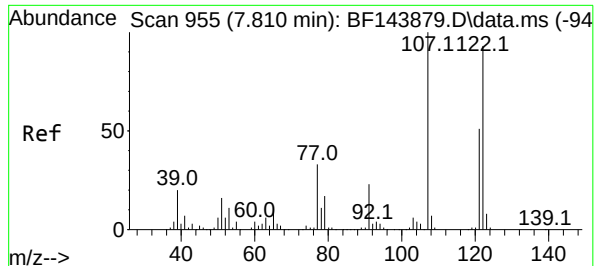
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

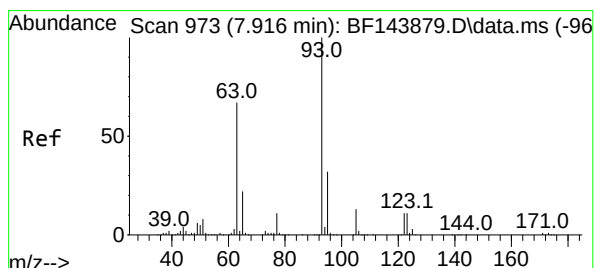
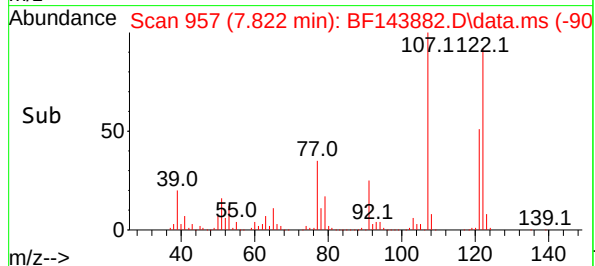
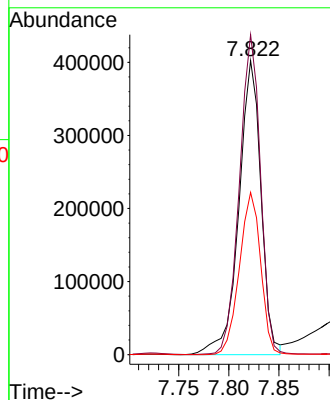
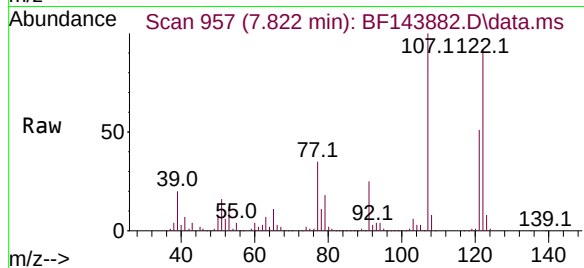
121 55.2 43.8 65.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

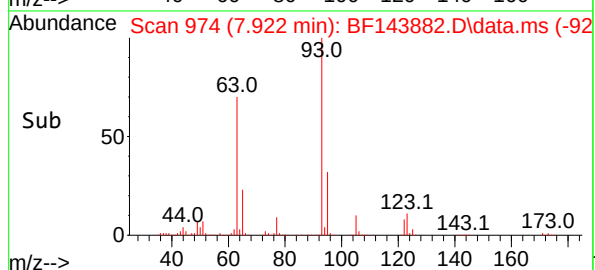
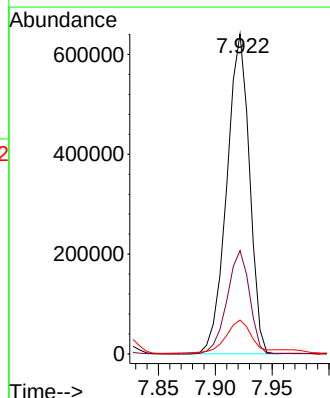
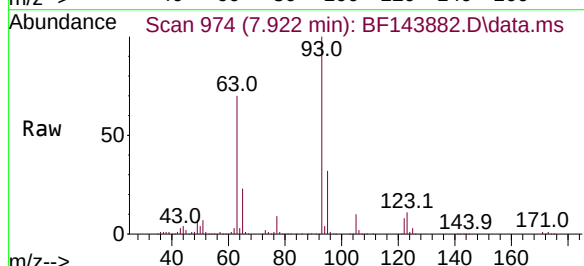
Tgt Ion: 93 Resp: 888473

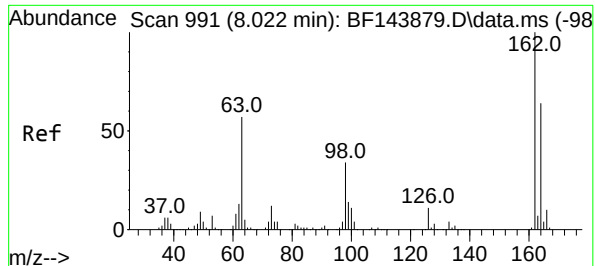
Ion Ratio Lower Upper

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 :

SSTDICC080

Tgt Ion:162 Resp: 620755

Ion Ratio Lower Upper

162 100

164 62.6 43.9 83.9

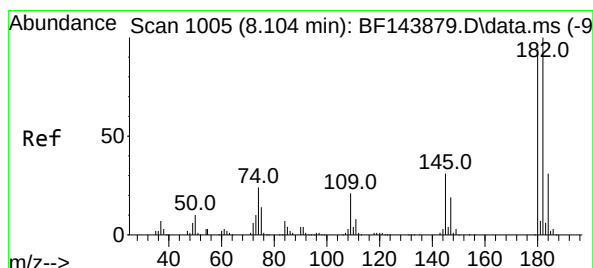
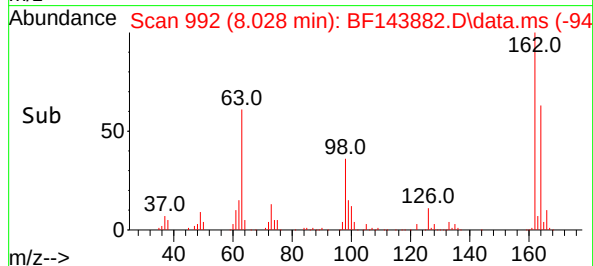
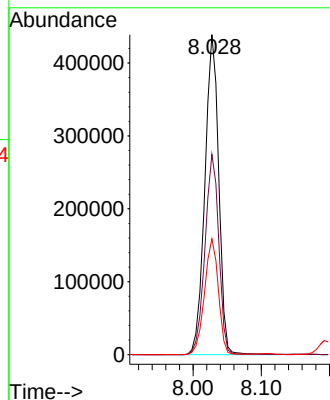
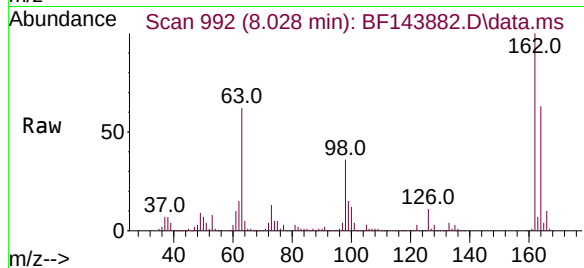
98 36.2 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

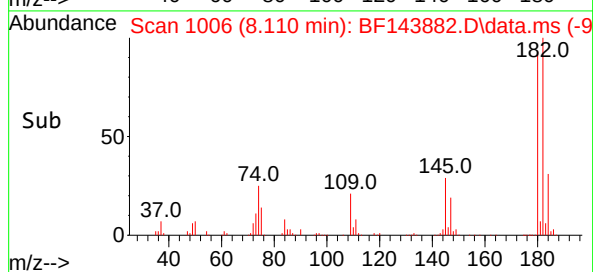
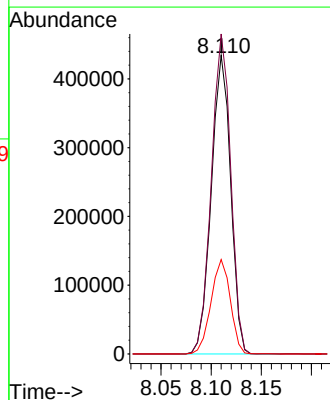
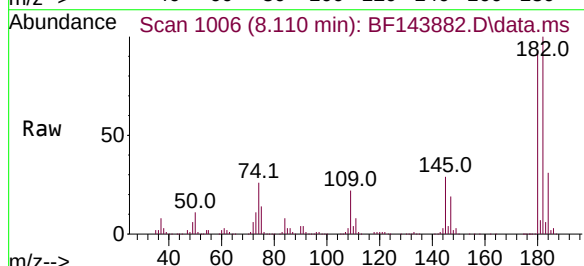
Tgt Ion:180 Resp: 583022

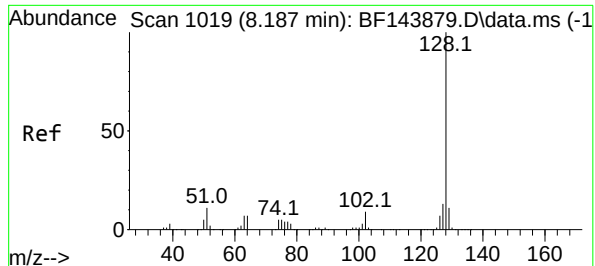
Ion Ratio Lower Upper

180 100

182 107.1 85.4 128.0

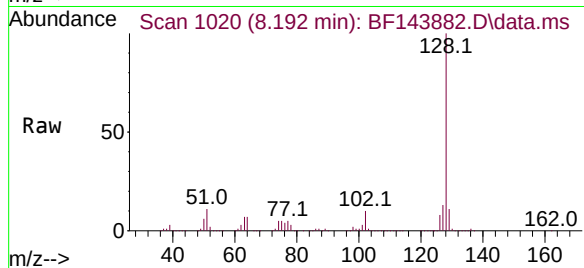
145 31.6 26.3 39.5





#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

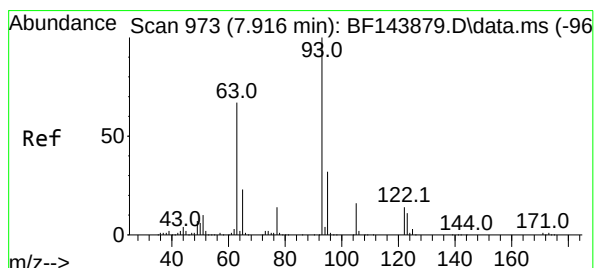
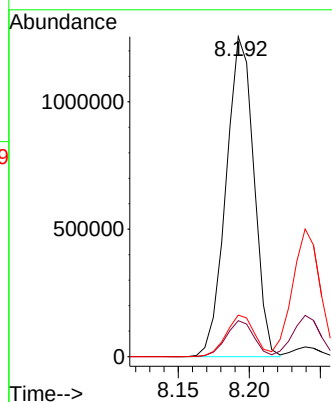
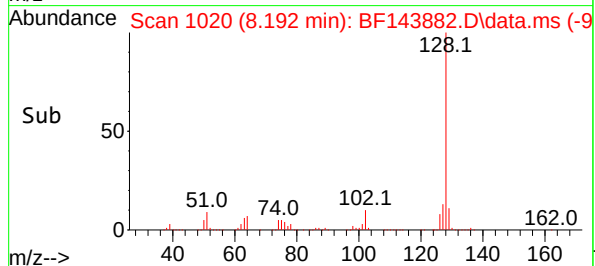
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

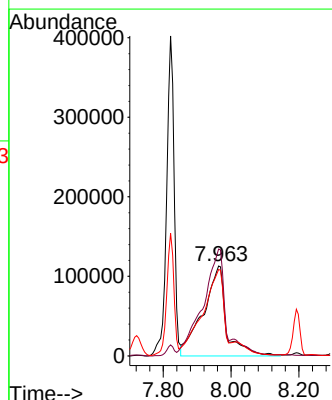
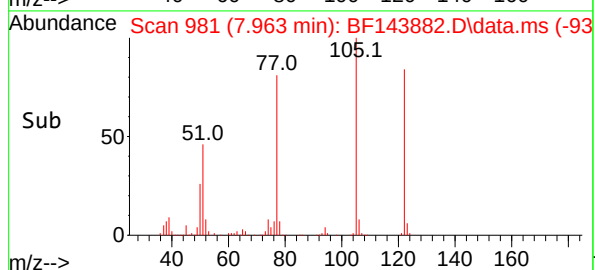
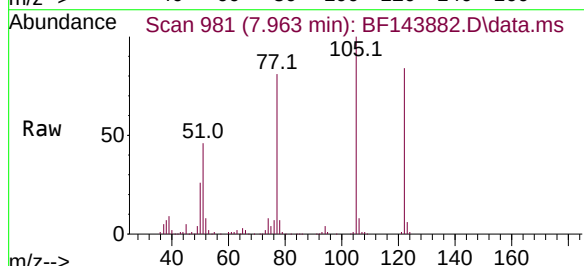
Manual Integrations
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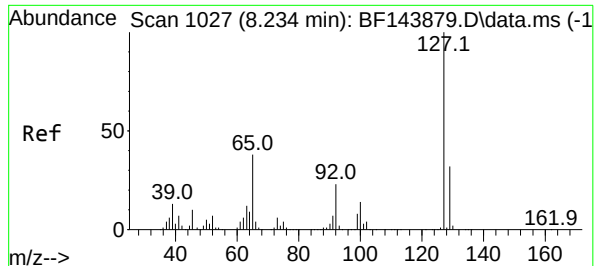
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

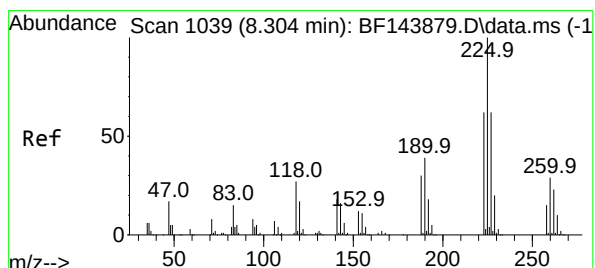
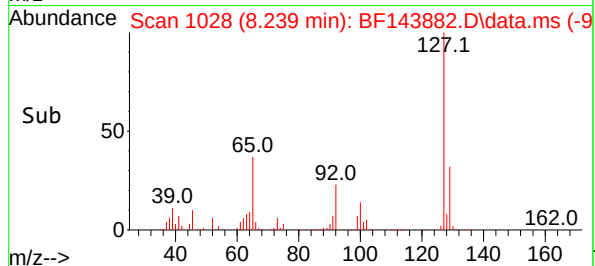
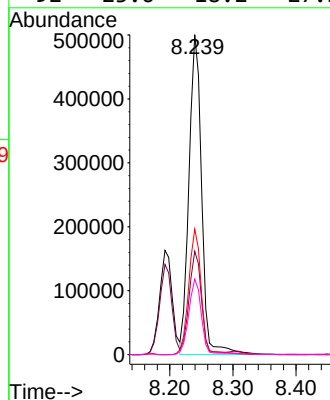
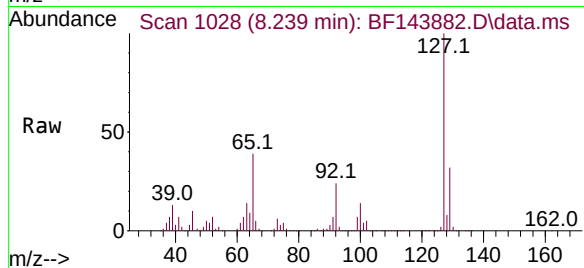
92 23.6 18.2 27.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

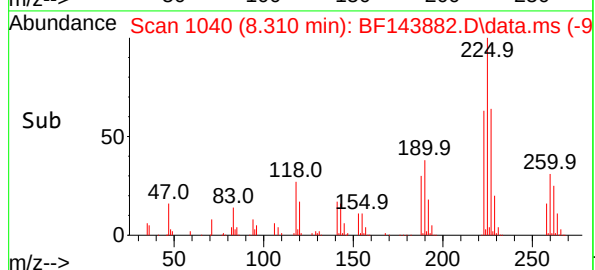
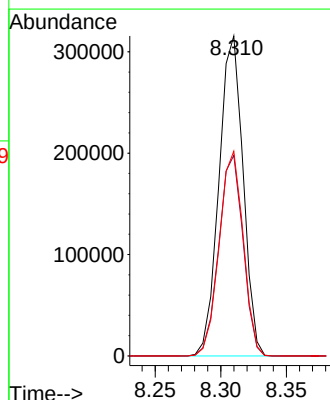
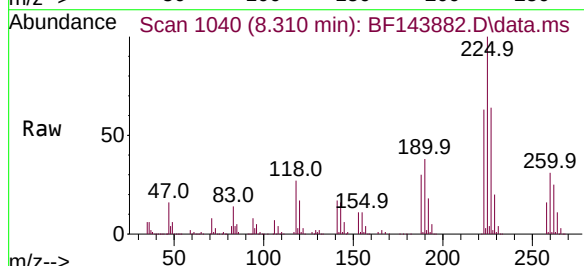
Tgt Ion:225 Resp: 404619

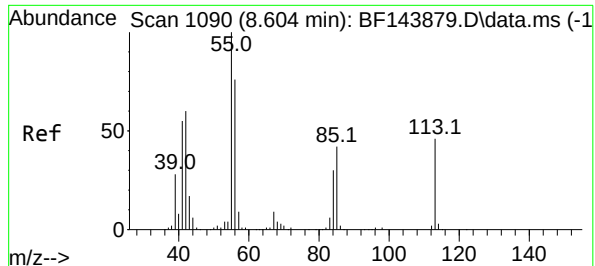
Ion Ratio Lower Upper

225 100

223 62.7 49.4 74.2

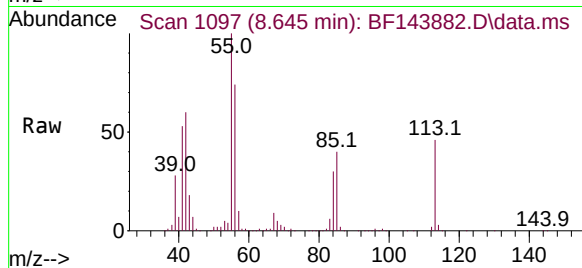
227 64.0 49.7 74.5





#35
Caprolactam
Concen: 80.169 ng
RT: 8.645 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

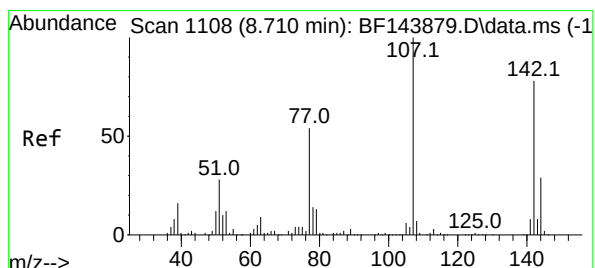
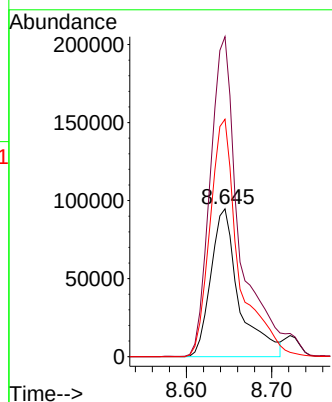
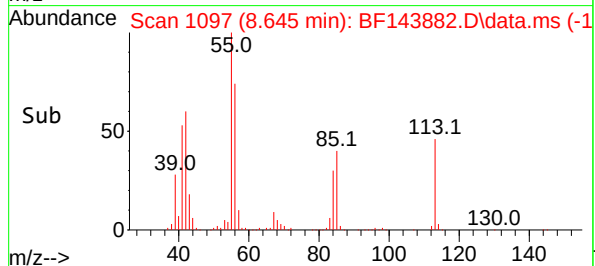
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:113 Resp: 21880
Ion Ratio Lower Upper
113 100
55 216.6 199.6 239.6
56 160.6 146.0 186.0

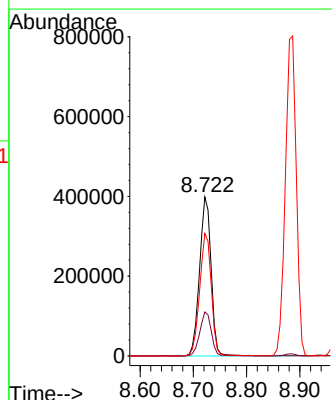
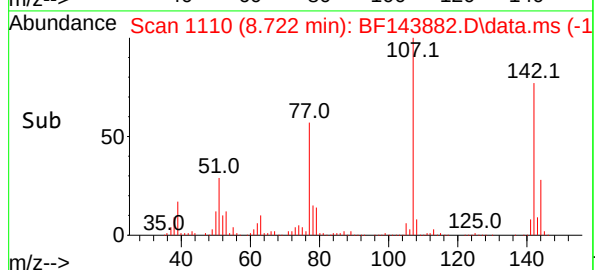
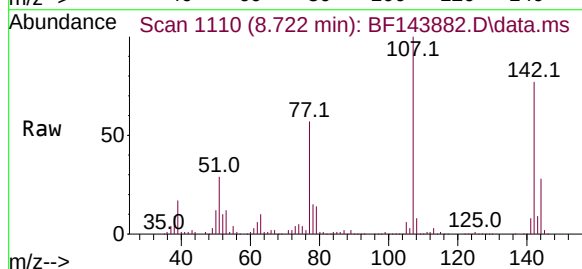
Manual Integrations
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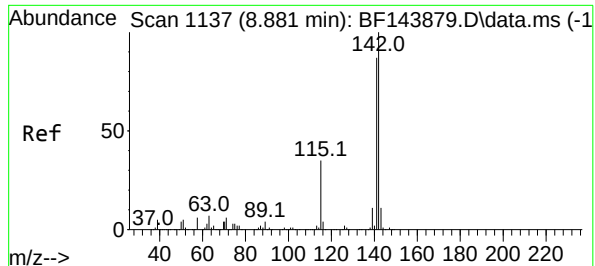
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

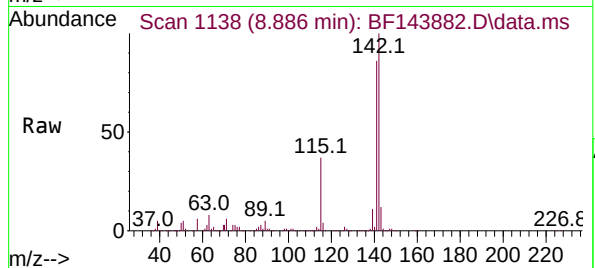
Tgt Ion:107 Resp: 598614
Ion Ratio Lower Upper
107 100
144 27.6 23.1 34.7
142 77.0 62.6 94.0





#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

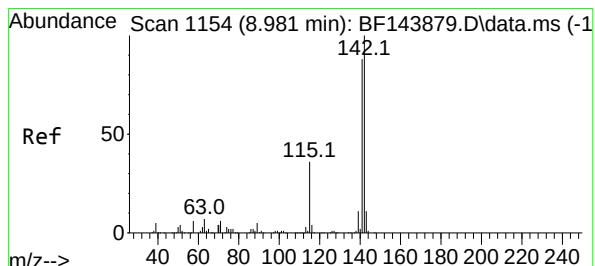
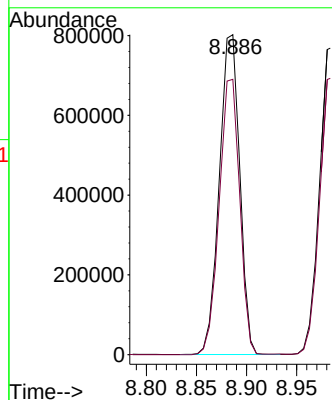
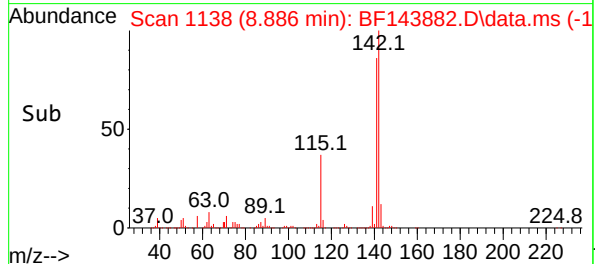
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:142 Resp: 1138146
Ion Ratio Lower Upper
142 100
141 86.0 69.2 103.8

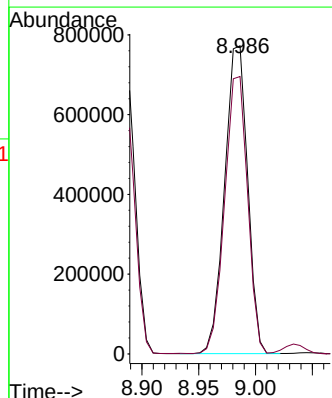
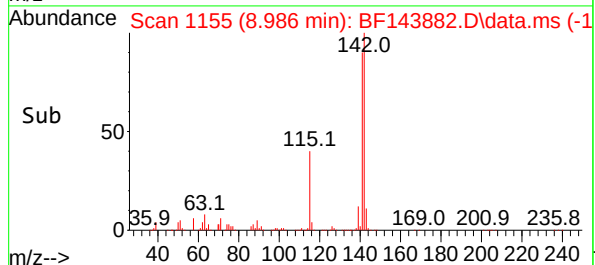
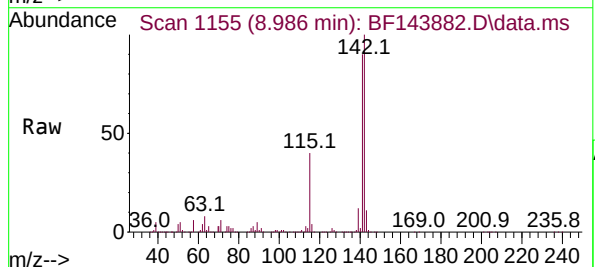
Manual Integrations
APPROVED

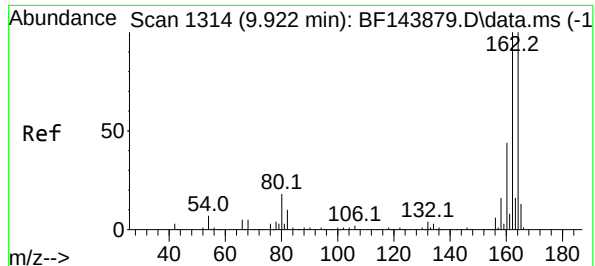
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

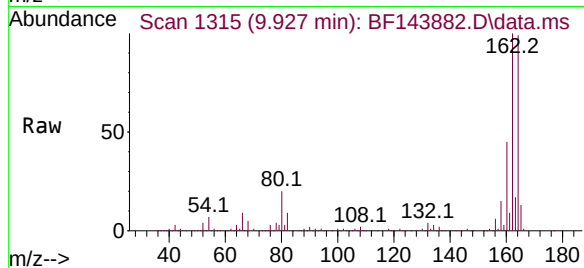
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



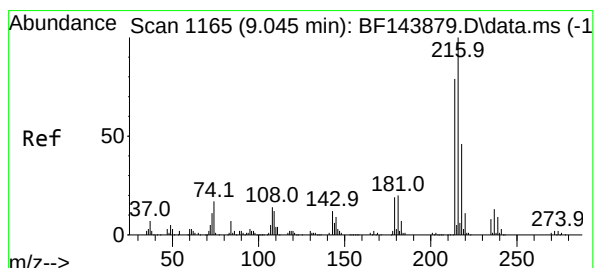
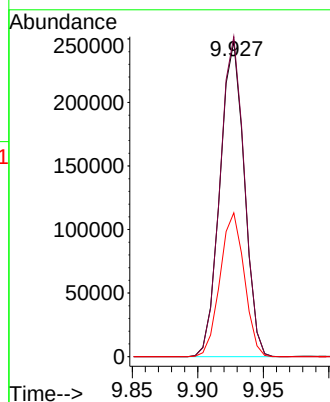
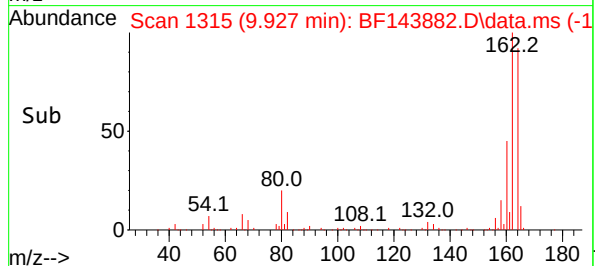
Tgt Ion:	164	Resp:	320335
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.2	120.2
160	45.6	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

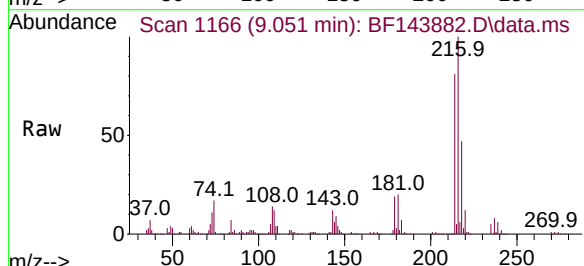
Concen: 67.166 ng

RT: 9.051 min Scan# 1166

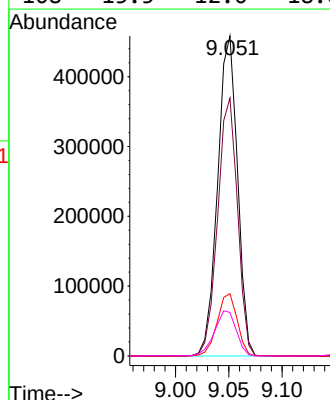
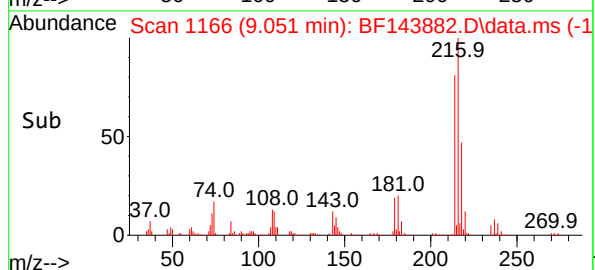
Delta R.T. 0.000 min

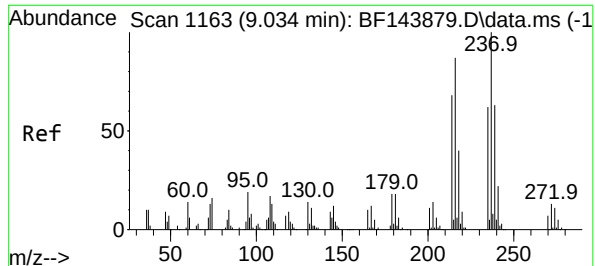
Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



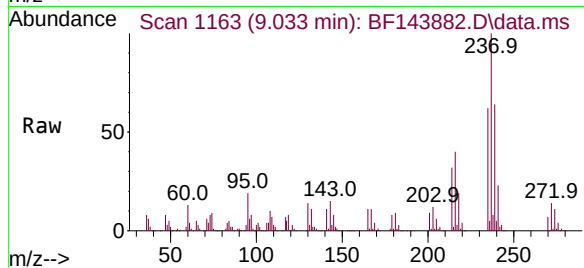
Tgt Ion:	216	Resp:	594660
Ion Ratio	Lower	Upper	
216	100		
214	80.4	62.6	94.0
179	19.6	15.4	23.0
108	15.5	12.0	18.0





#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

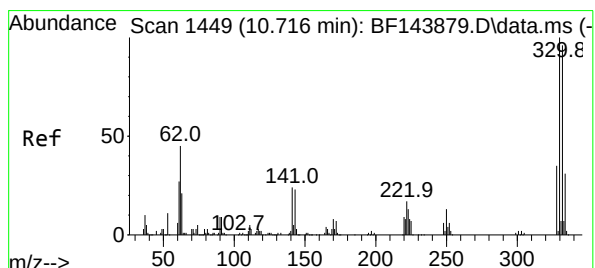
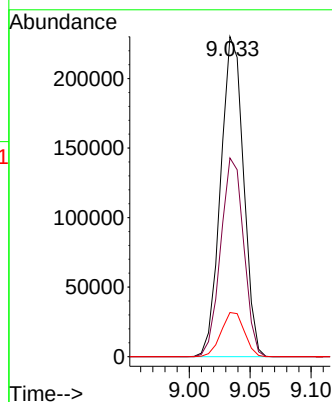
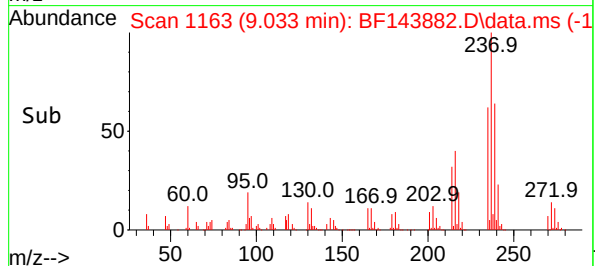
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

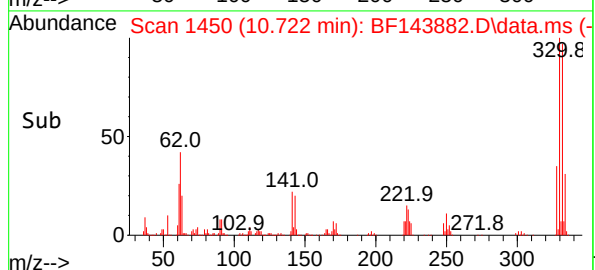
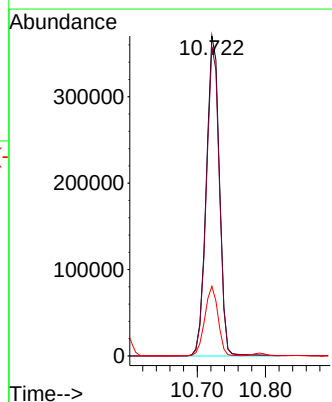
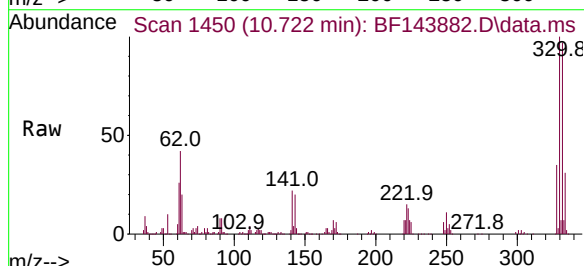
Manual Integrations
APPROVED

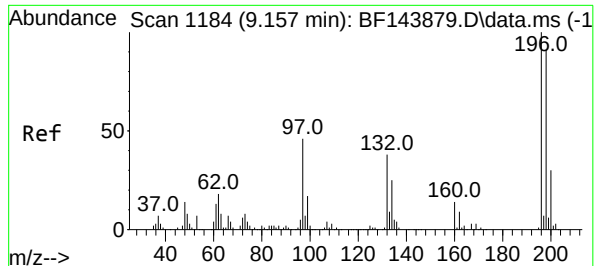
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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# 1185

Delta R.T. 0.000 min

Lab File: BF143882.D

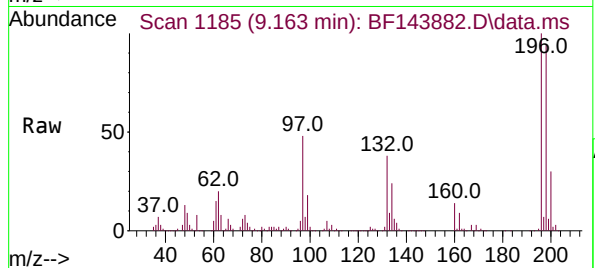
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:196 Resp: 481852

Ion Ratio Lower Upper

196 100

198 94.4 72.8 109.2

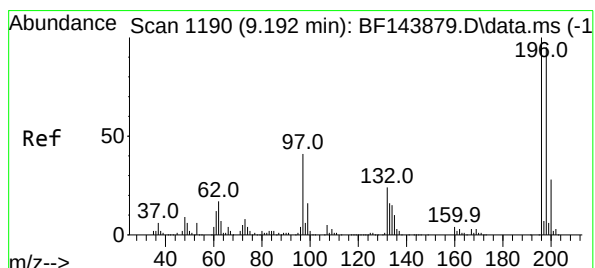
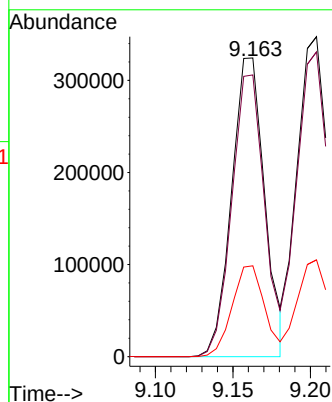
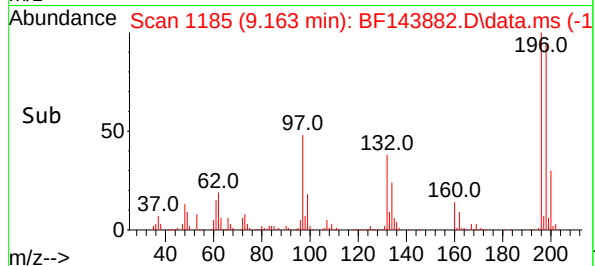
200 30.4 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

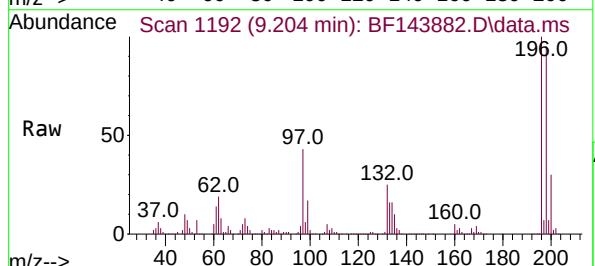
Concen: 71.286 ng

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

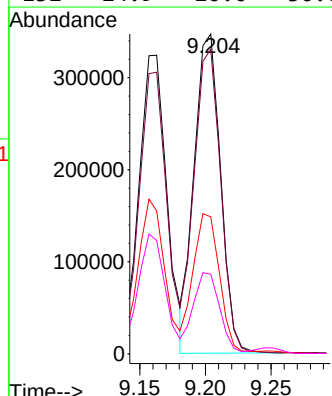
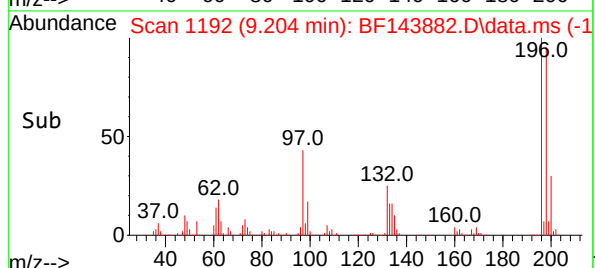
Ion Ratio Lower Upper

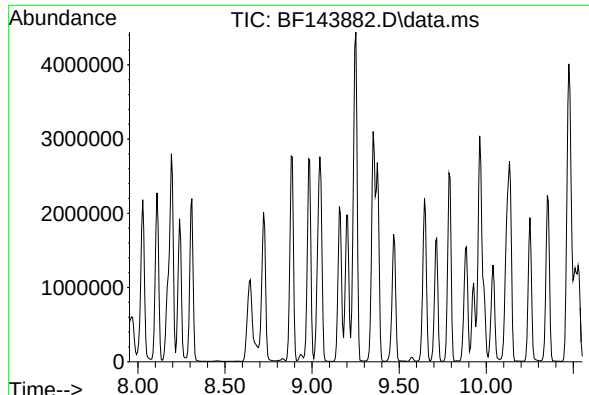
196 100

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

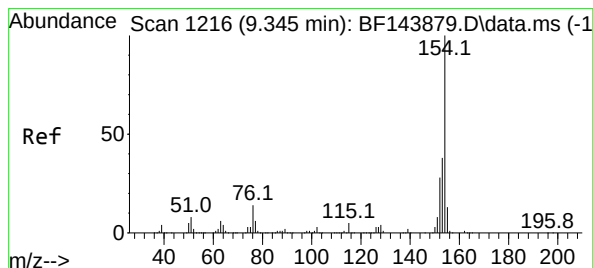
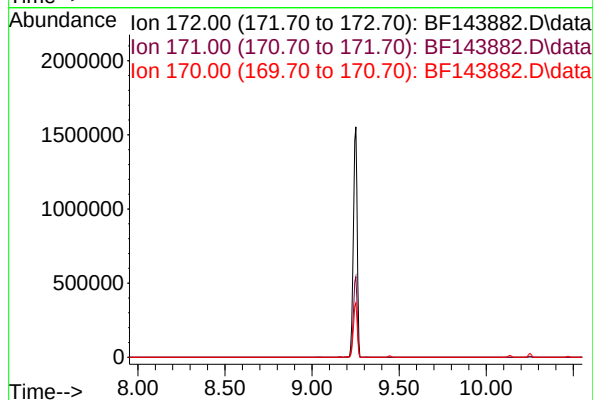
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Tgt Ion: 172
Sig Exp Ratio
172 100
171 34.2
170 23.3

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

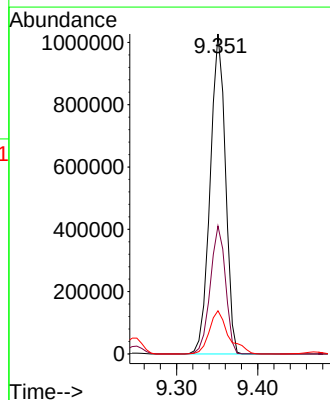
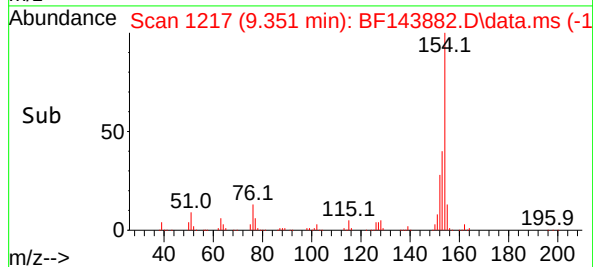
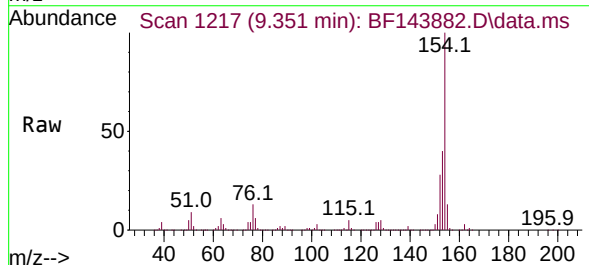
Manual Integrations
APPROVED

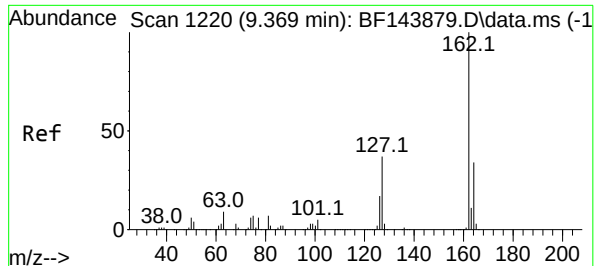
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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# 1221

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

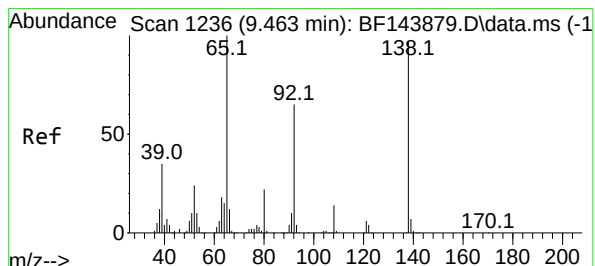
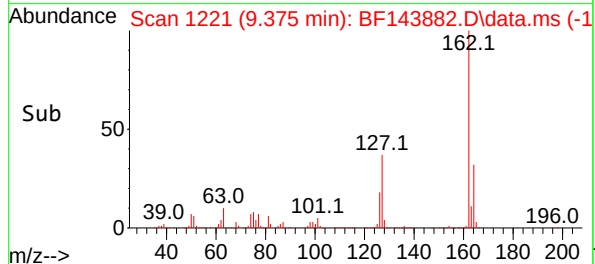
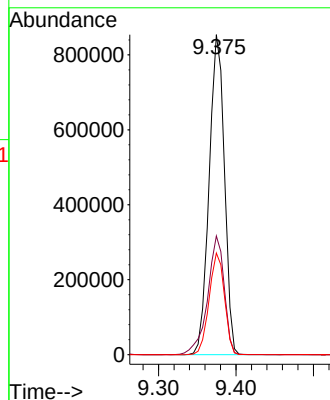
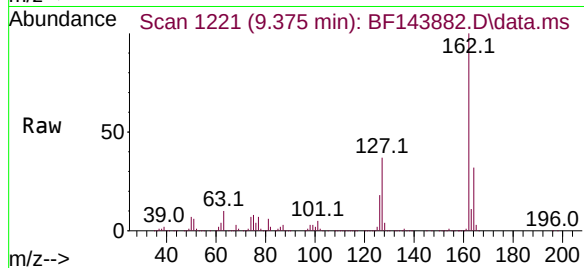
164 31.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

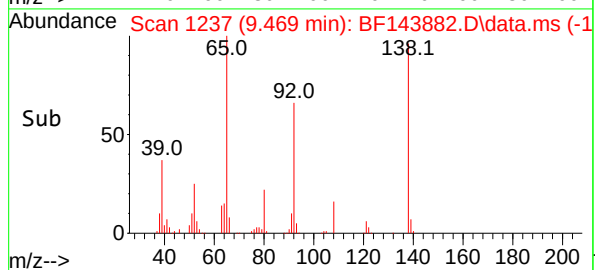
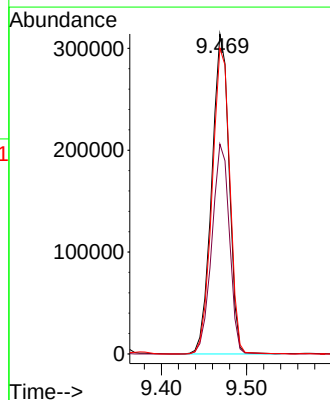
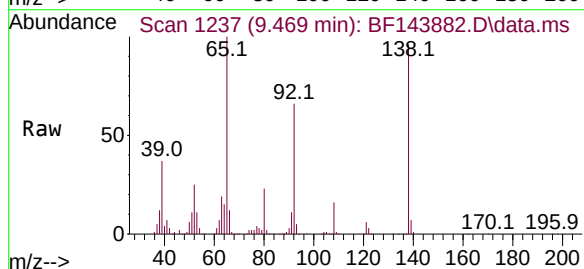
Tgt Ion: 65 Resp: 445537

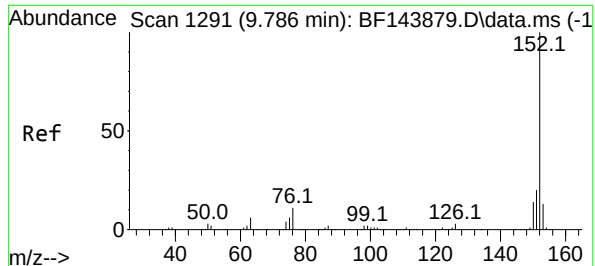
Ion Ratio Lower Upper

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

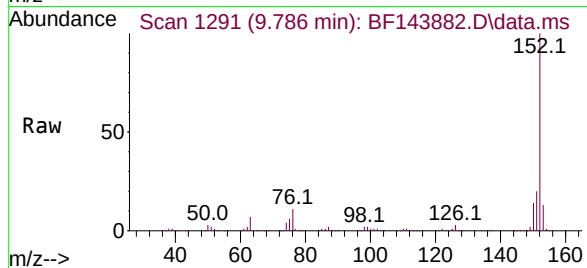
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:152 Resp: 1644728

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

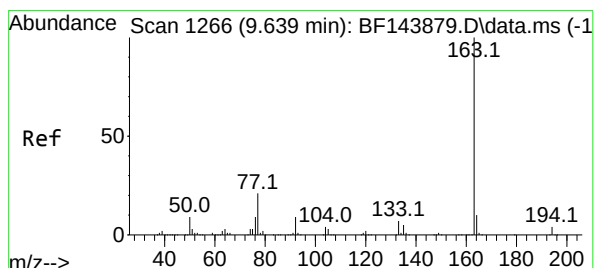
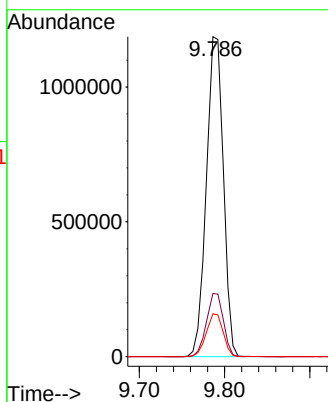
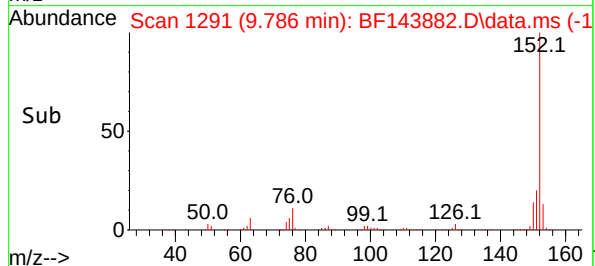
153 13.4 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

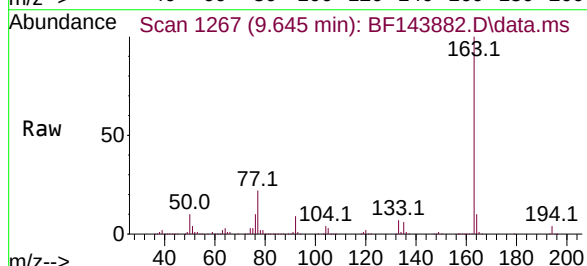
Concen: 69.582 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22



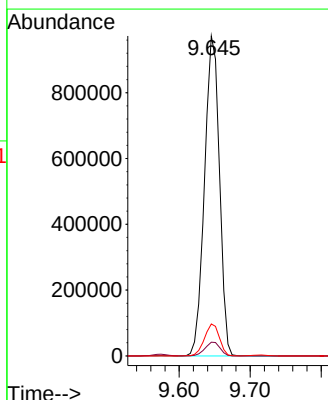
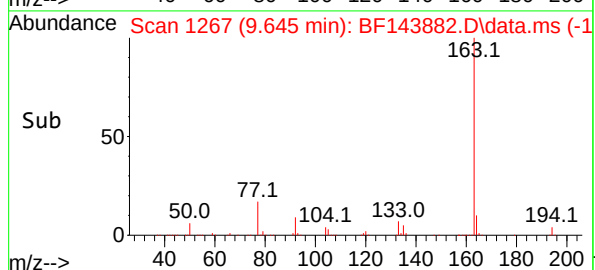
Tgt Ion:163 Resp: 1415482

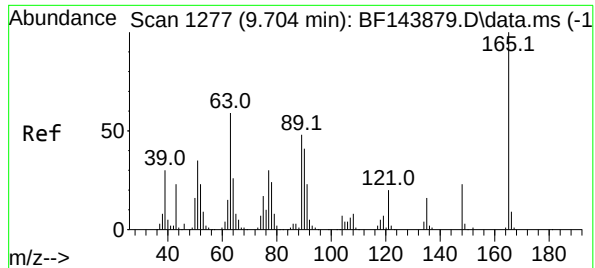
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

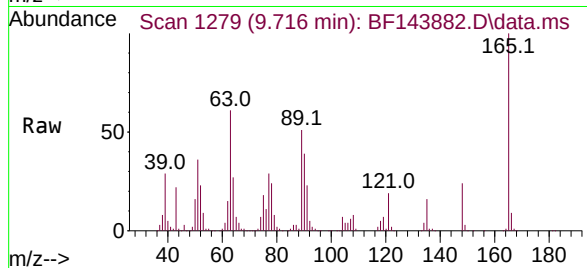
164 10.0 8.1 12.1





#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

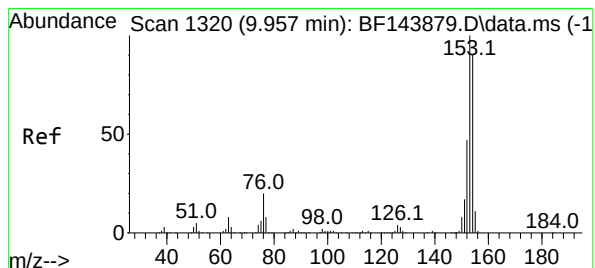
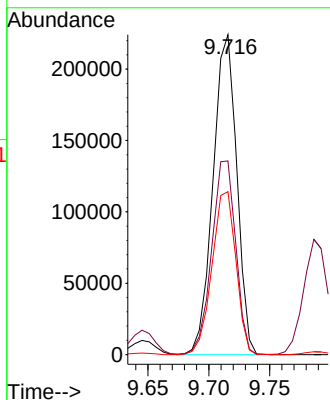
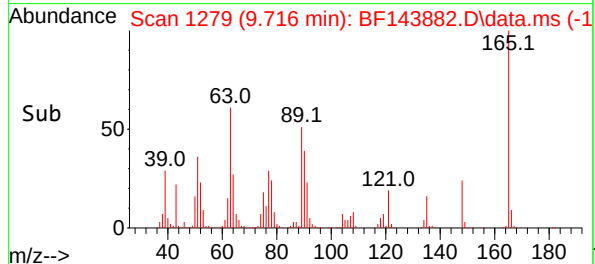
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



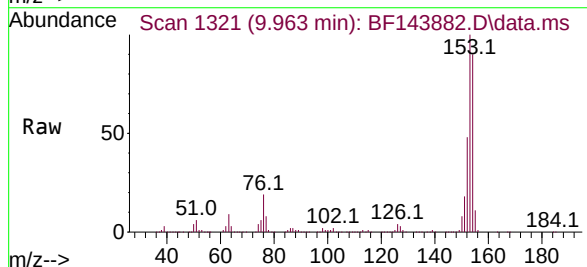
Tgt Ion:165 Resp: 303176
Ion Ratio Lower Upper
165 100
63 60.5 47.3 70.9
89 51.0 38.2 57.4

Manual Integrations
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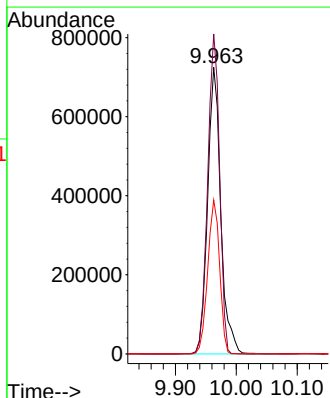
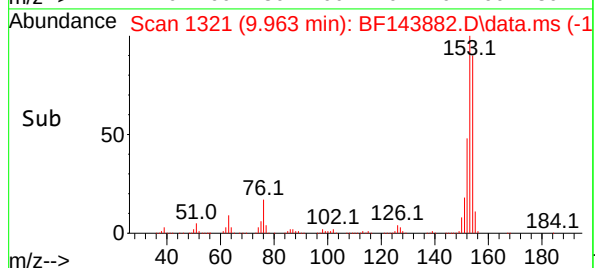
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

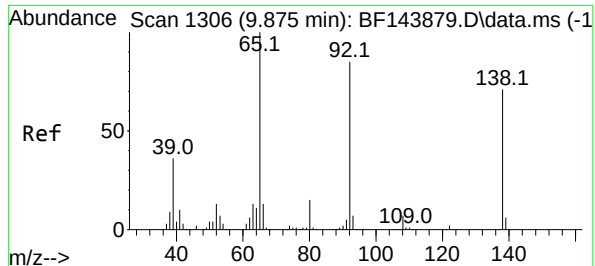


#52
Acenaphthene
Concen: 66.651 ng
RT: 9.963 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



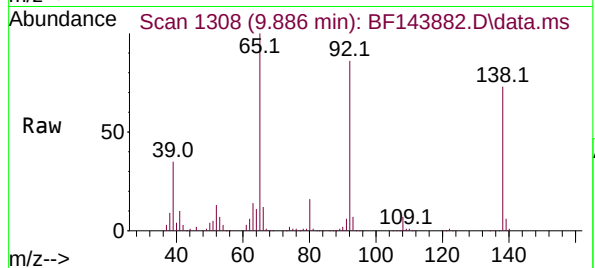
Tgt Ion:154 Resp: 1085733
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 53.7 42.2 63.2





#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

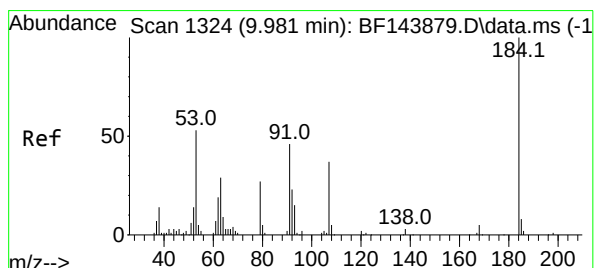
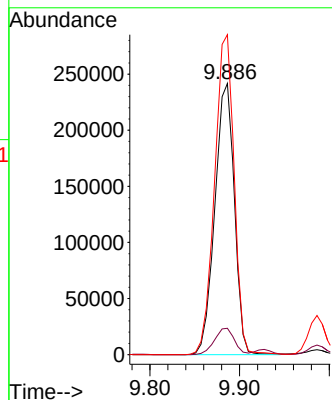
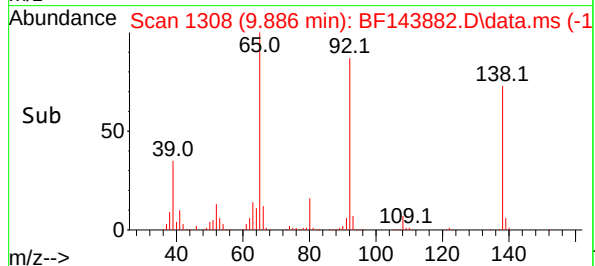
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

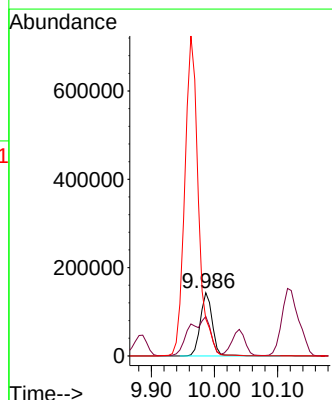
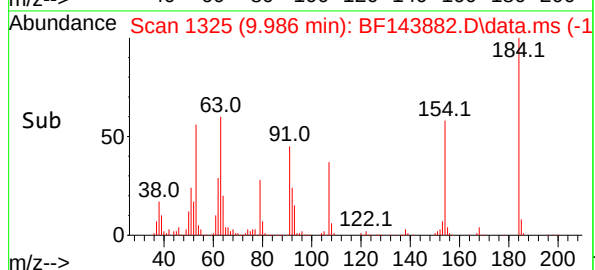
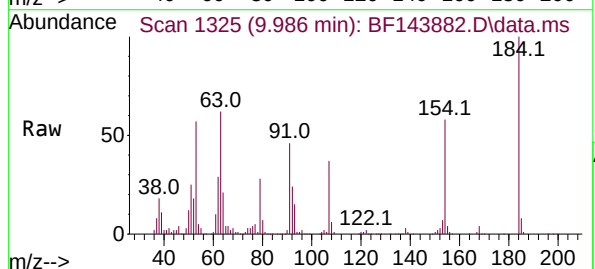
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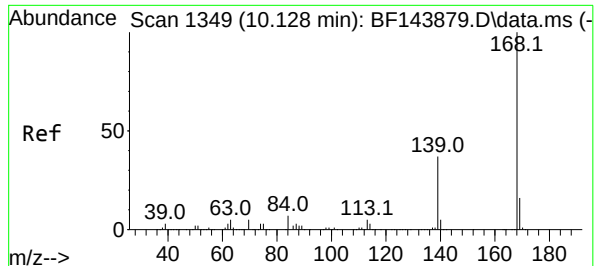
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

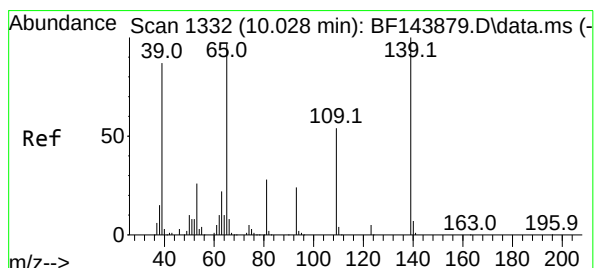
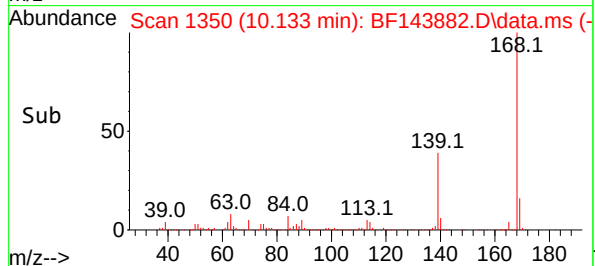
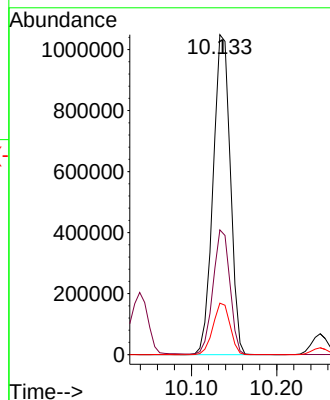
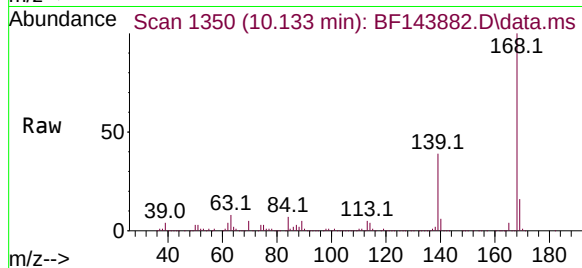
169 16.1 12.8 19.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

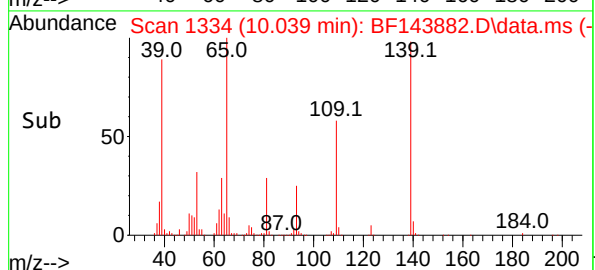
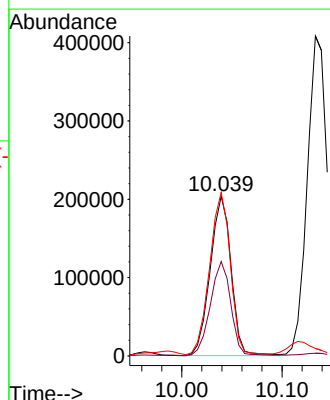
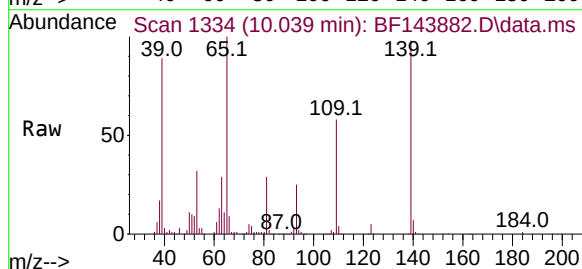
Tgt Ion:139 Resp: 294937

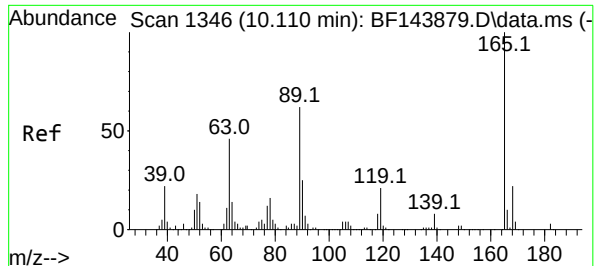
Ion Ratio Lower Upper

139 100

109 59.0 34.5 74.5

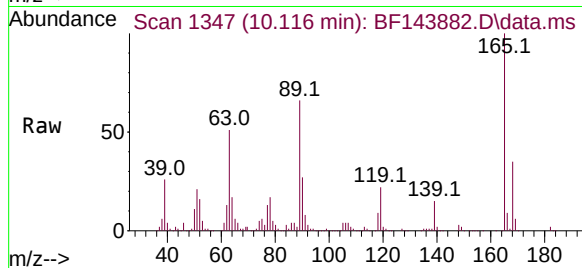
65 102.4 77.6 117.6





#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

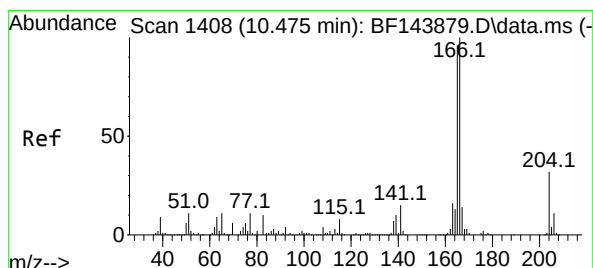
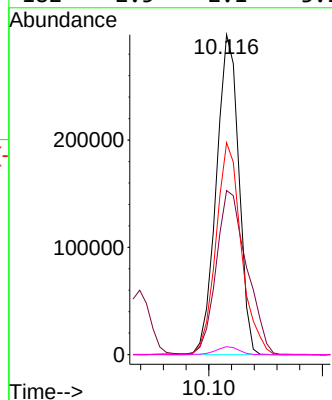
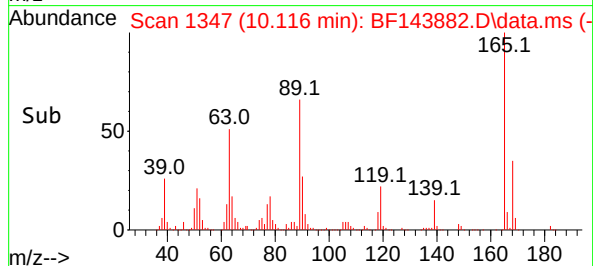
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

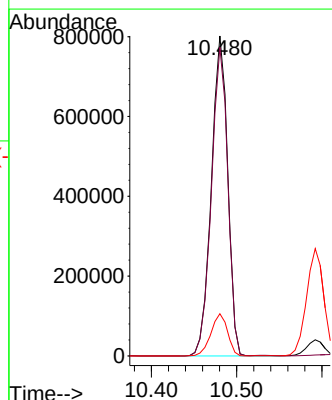
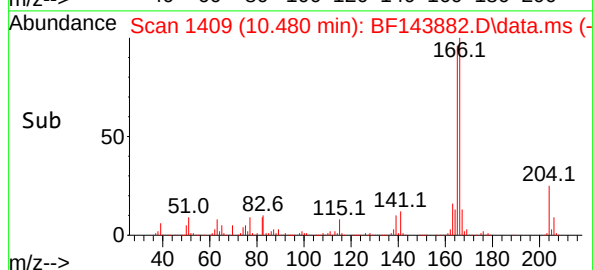
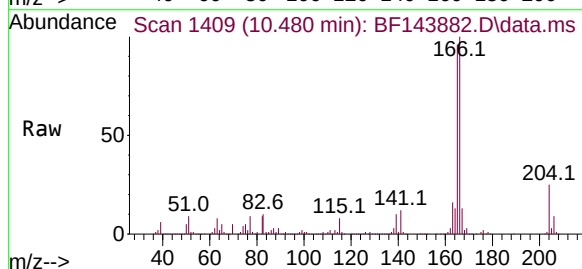
Manual Integrations
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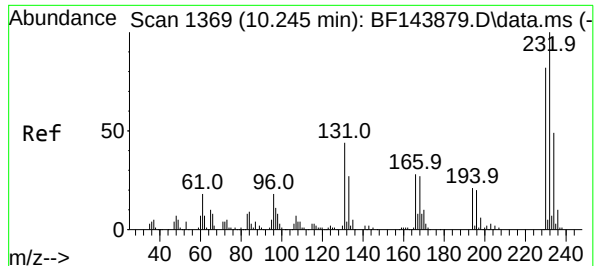
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





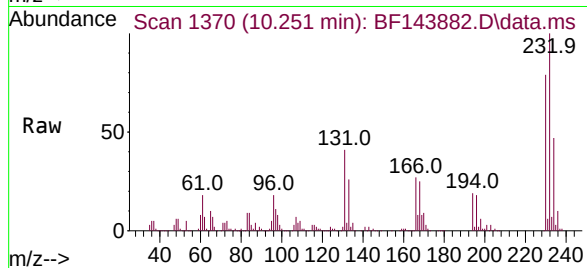
#59
2,3,4,6-Tetrachlorophenol
Concen: 76.170 ng
RT: 10.251 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

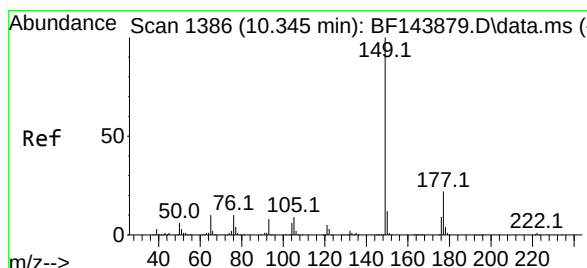
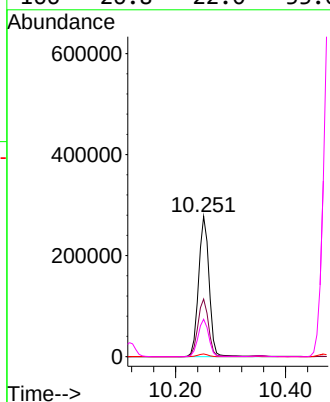
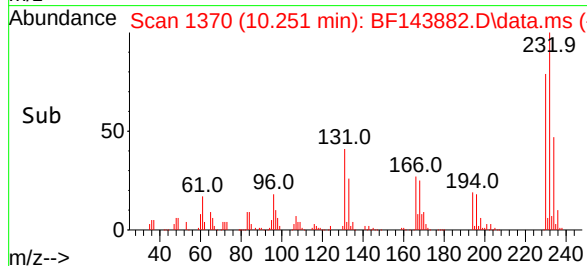


Tgt Ion:232 Resp: 368599
Ion Ratio Lower Upper
232 100
131 41.5 34.9 52.3
130 1.8 1.6 2.4
166 26.8 22.0 33.0

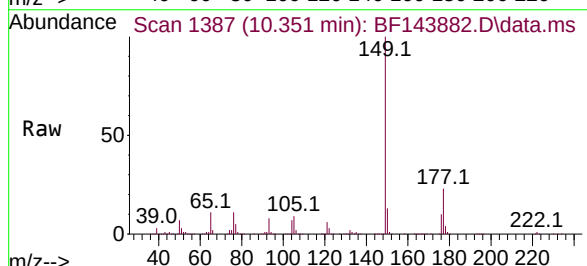
Manual Integrations

APPROVED

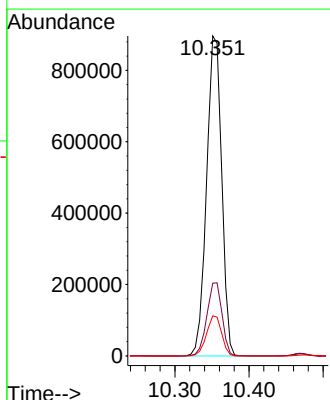
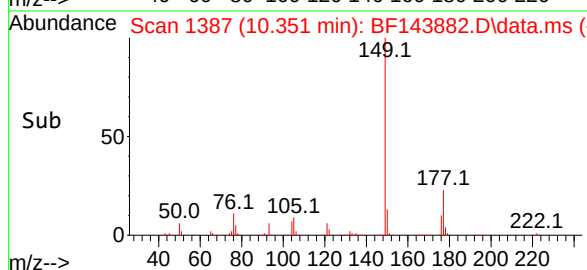
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

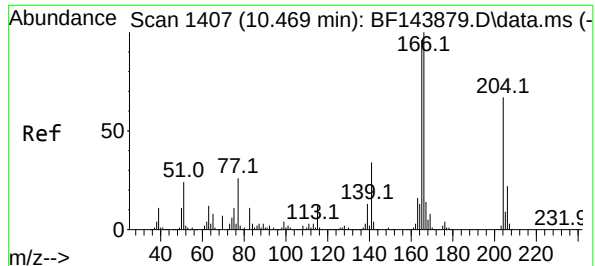


#60
Diethylphthalate
Concen: 67.047 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



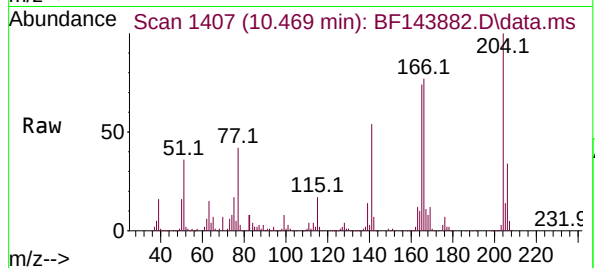
Tgt Ion:149 Resp: 1267085
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.5 9.8 14.8





#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

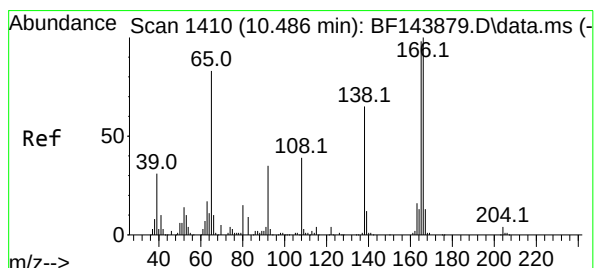
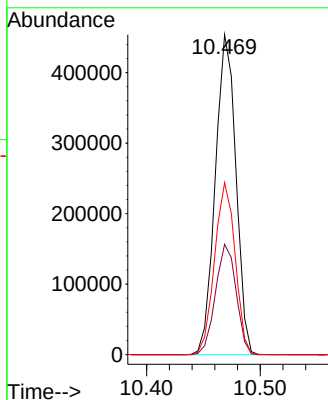
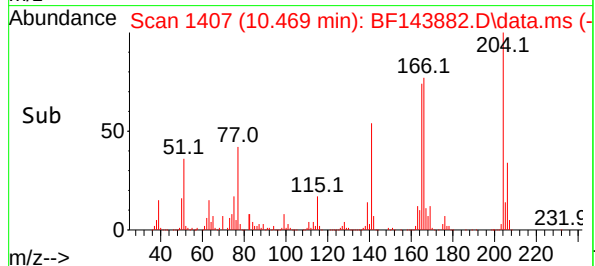
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



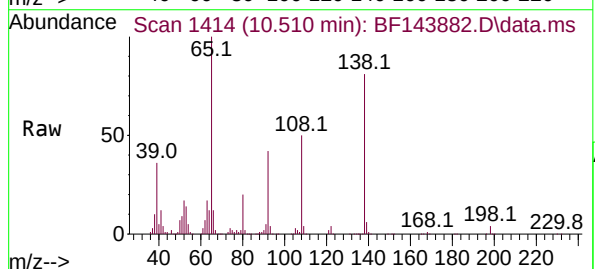
Tgt Ion:204 Resp: 572035
Ion Ratio Lower Upper
204 100
206 34.5 26.6 40.0
141 53.7 40.4 60.6

Manual Integrations
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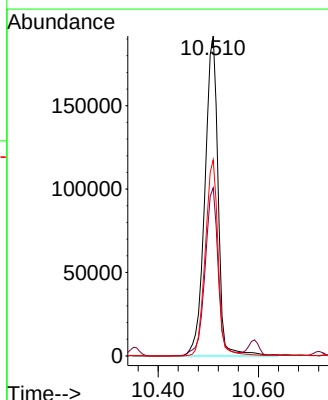
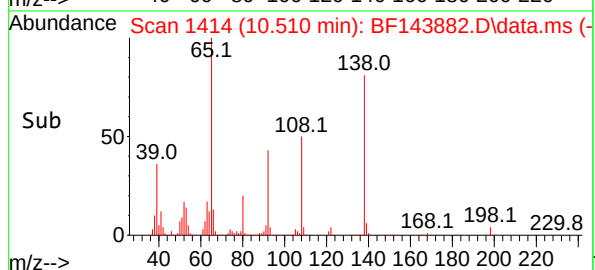
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

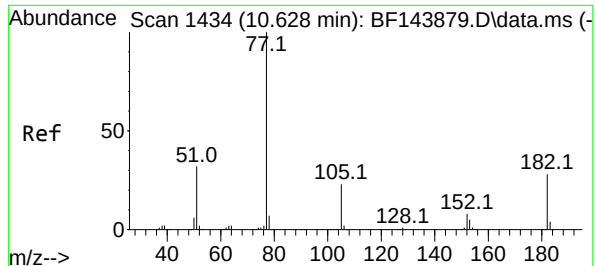


#62
4-Nitroaniline
Concen: 79.169 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



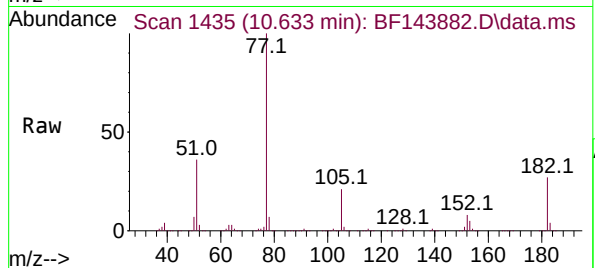
Tgt Ion:138 Resp: 351634
Ion Ratio Lower Upper
138 100
92 52.5 33.9 73.9
108 61.3 40.2 80.2





#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

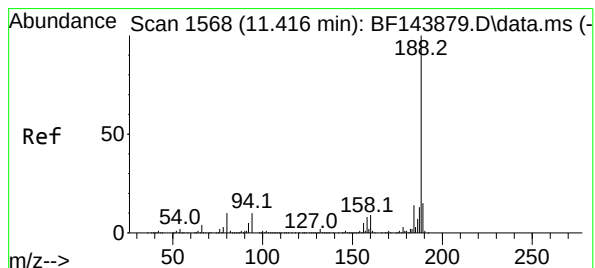
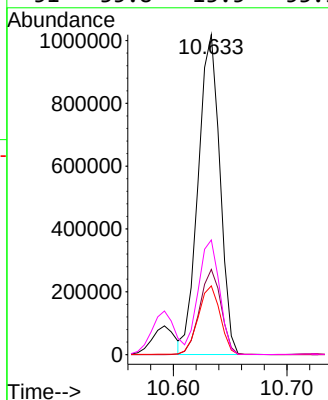
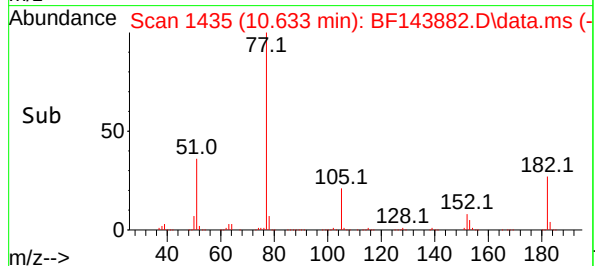
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

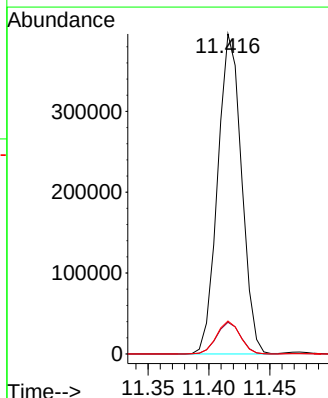
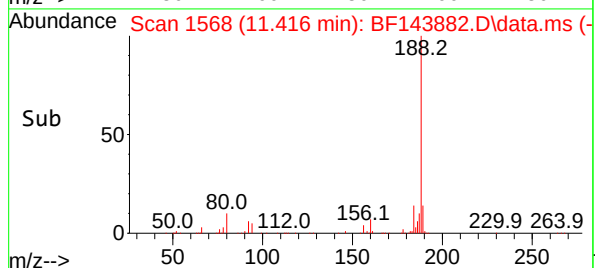
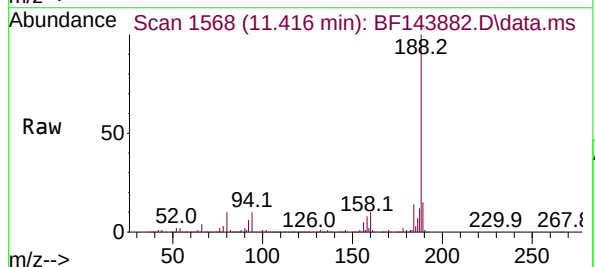
Manual Integrations
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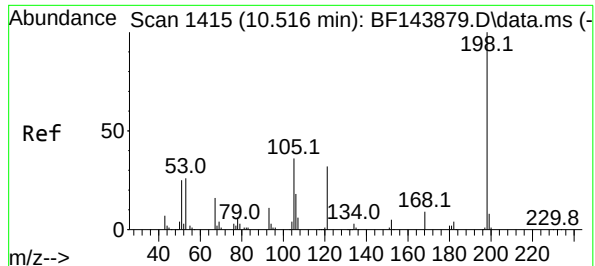
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

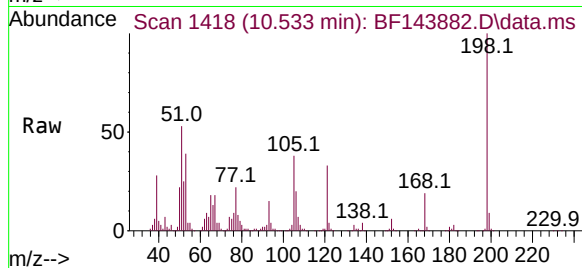
Tgt Ion:188 Resp: 540366
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.3 7.9 11.9





#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

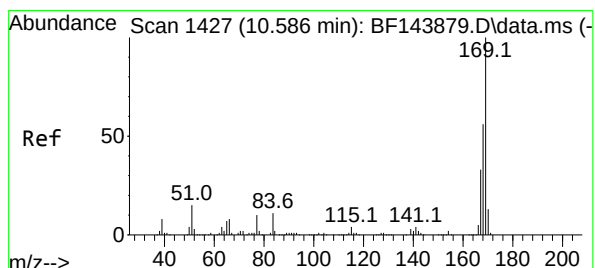
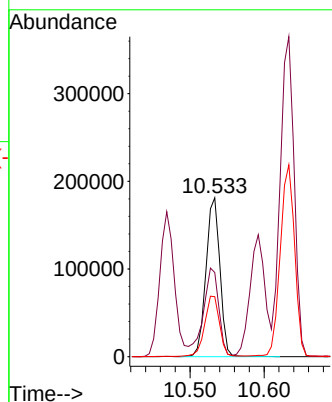
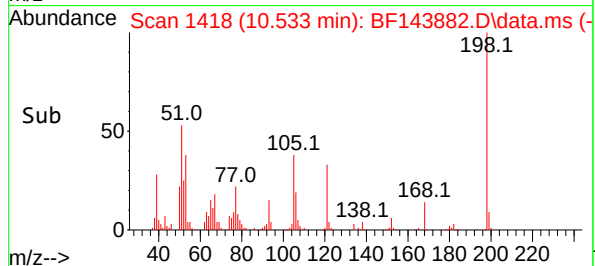
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

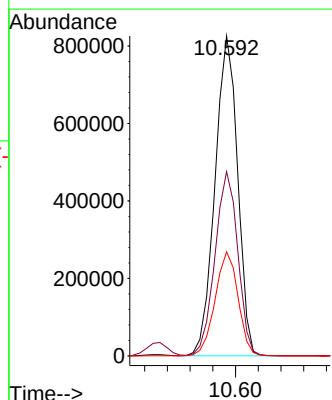
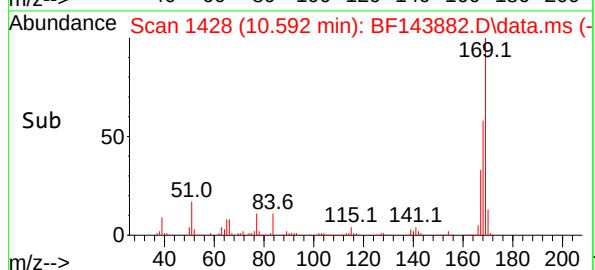
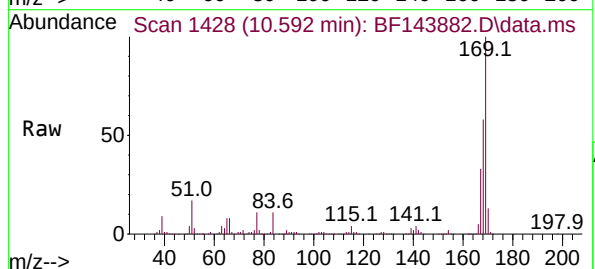
Manual Integrations
APPROVED

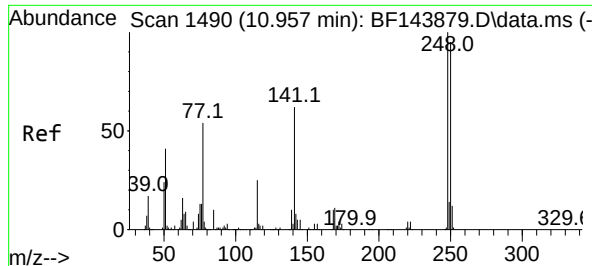
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





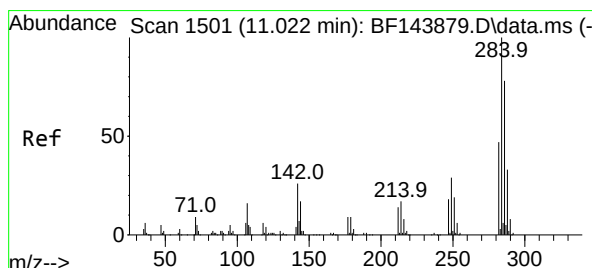
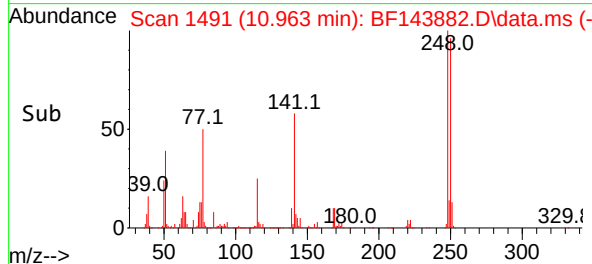
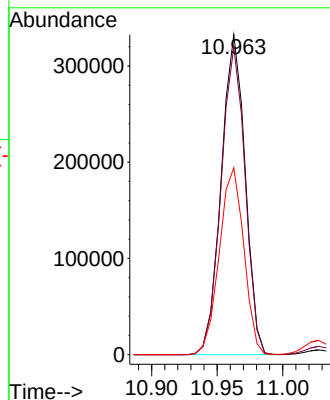
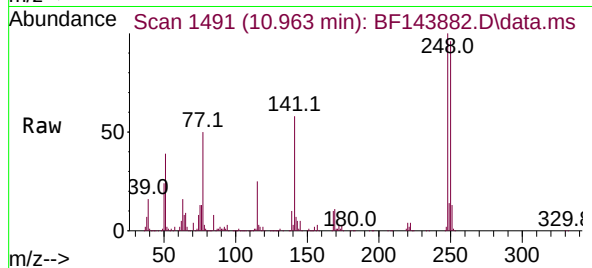
#67
4-Bromophenyl-phenylether
Concen: 70.857 ng
RT: 10.963 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

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

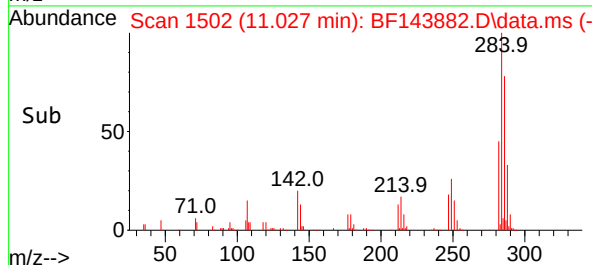
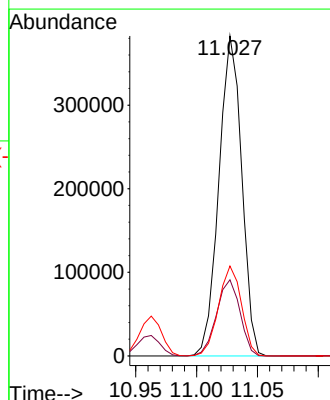
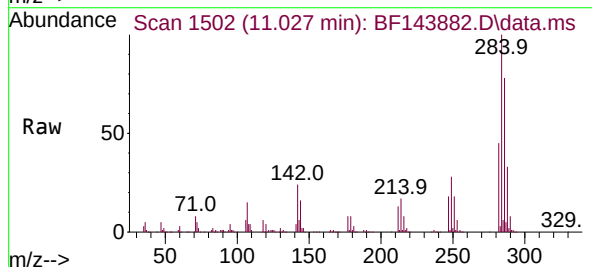
Manual Integrations
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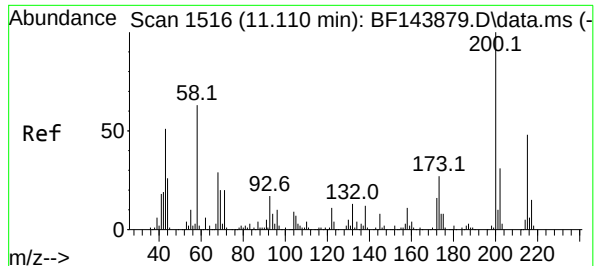
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

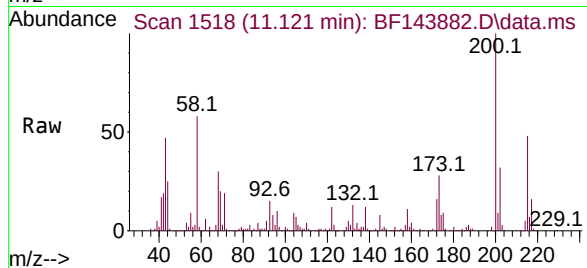
Tgt Ion:284 Resp: 498602
Ion Ratio Lower Upper
284 100
142 23.8 20.6 30.8
249 28.1 23.2 34.8





#69
Atrazine
Concen: 67.621 ng
RT: 11.121 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

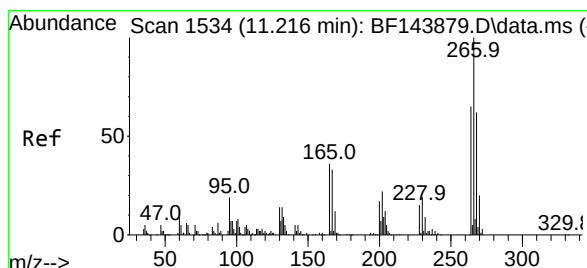
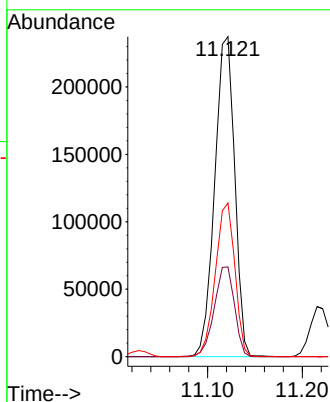
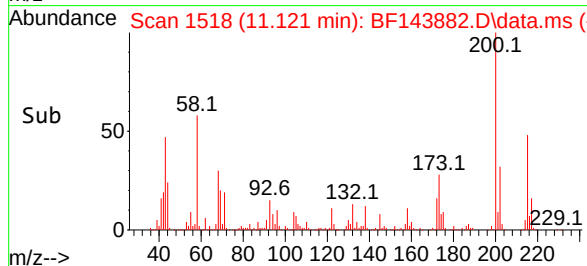
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

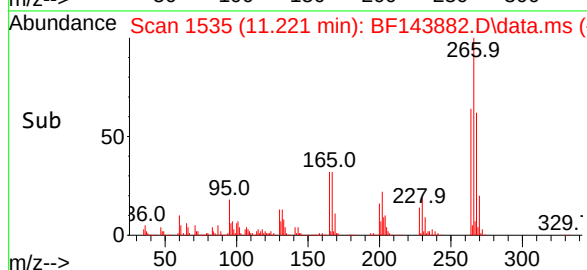
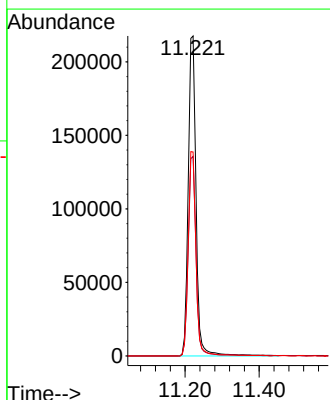
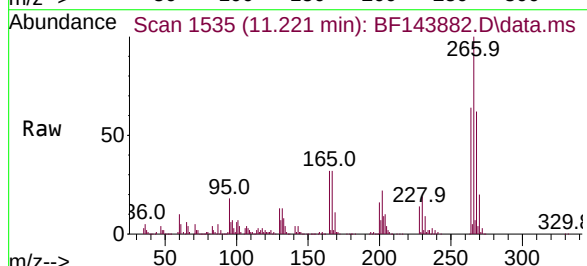
Manual Integrations
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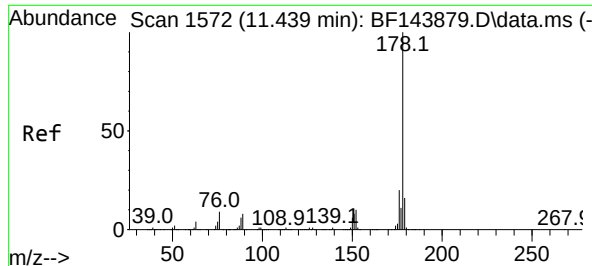
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

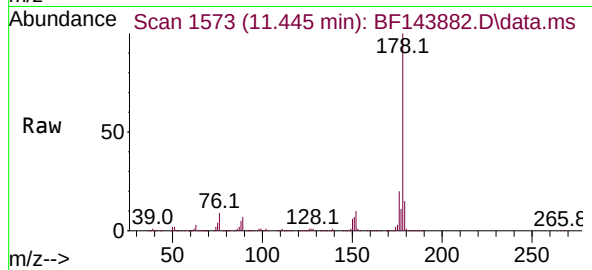
Tgt Ion:266 Resp: 318486
Ion Ratio Lower Upper
266 100
268 62.3 49.4 74.0
264 63.7 51.8 77.6





#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

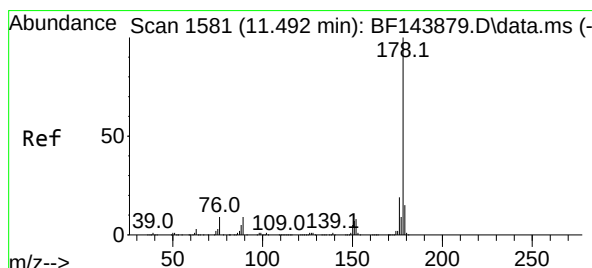
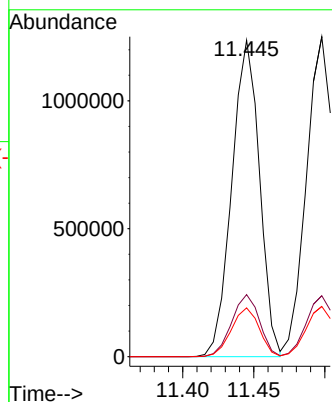
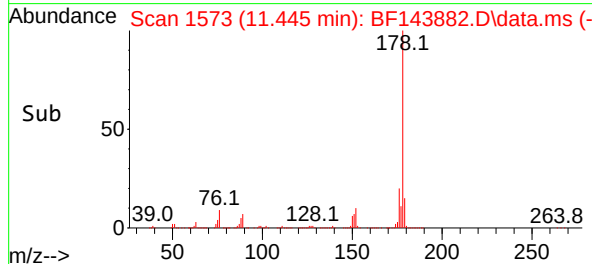
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



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

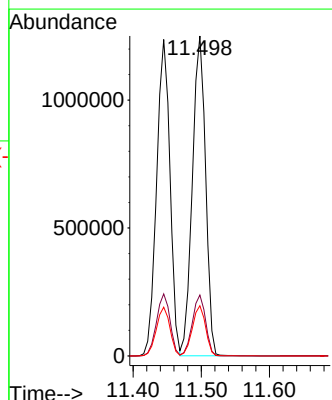
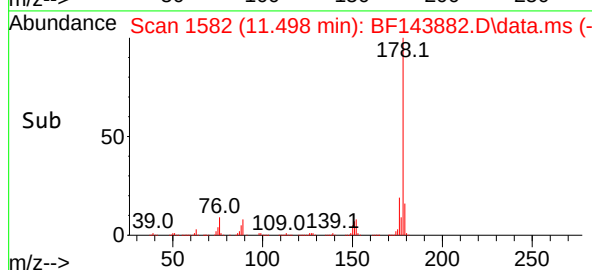
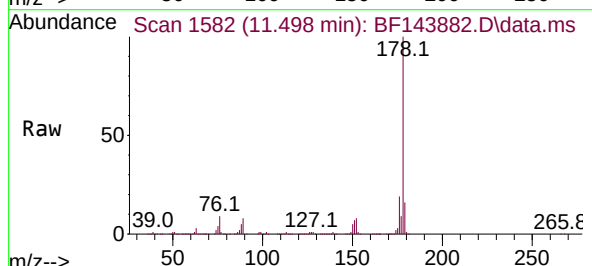
Manual Integrations
APPROVED

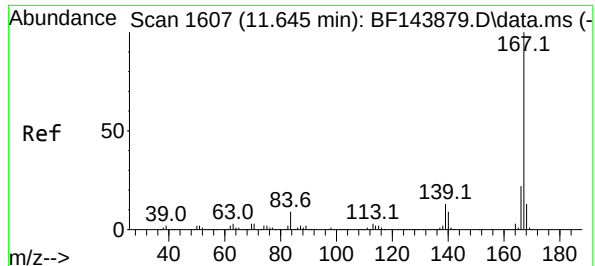
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

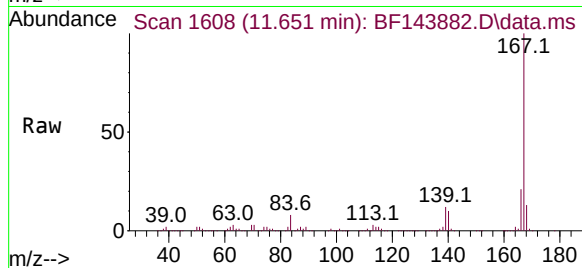
Tgt Ion:178 Resp: 1688865
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.2 18.2





#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

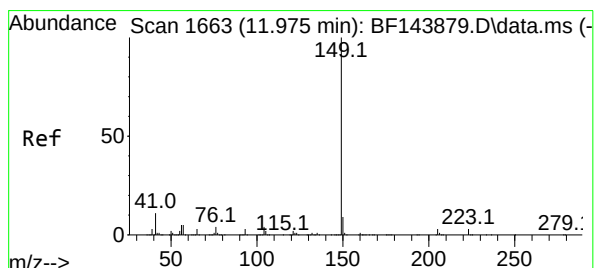
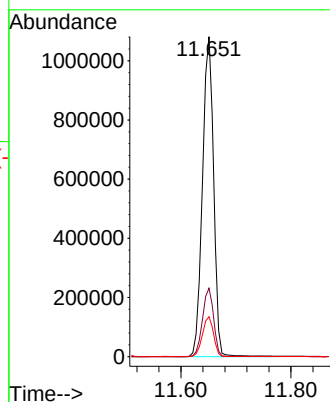
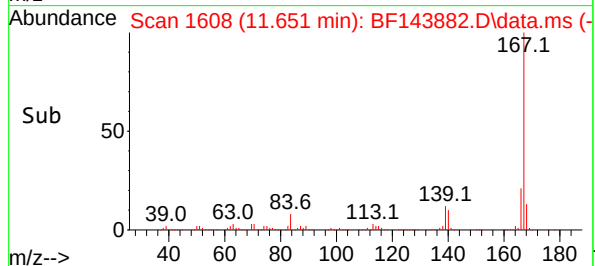
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



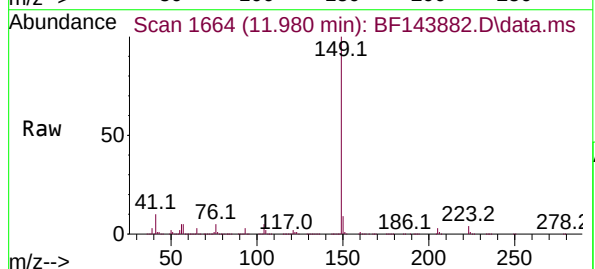
Tgt Ion:167 Resp: 1519615
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.5 10.1 15.1

Manual Integrations
APPROVED

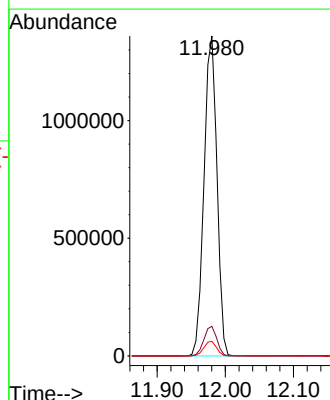
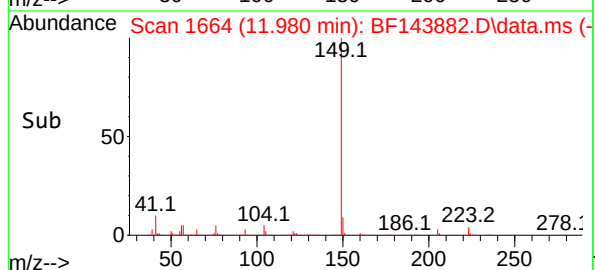
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

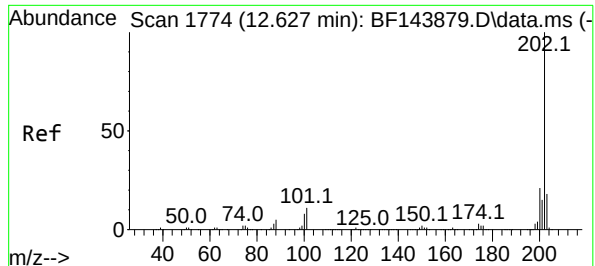


#74
Di-n-butylphthalate
Concen: 66.034 ng
RT: 11.980 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



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

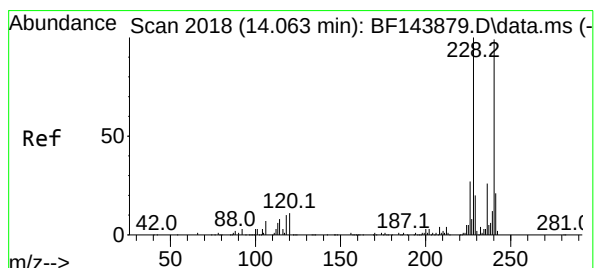
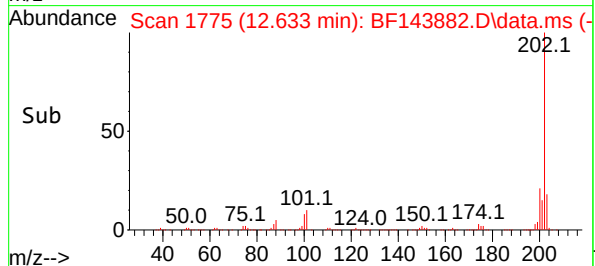
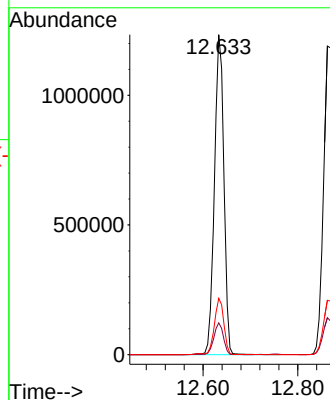
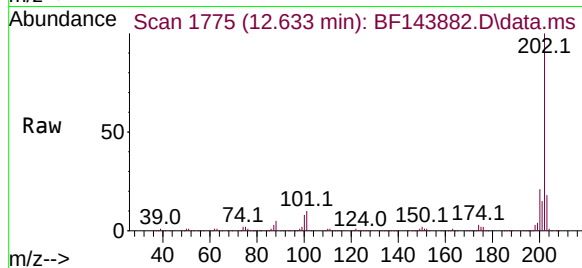
203 17.6 0.0 37.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

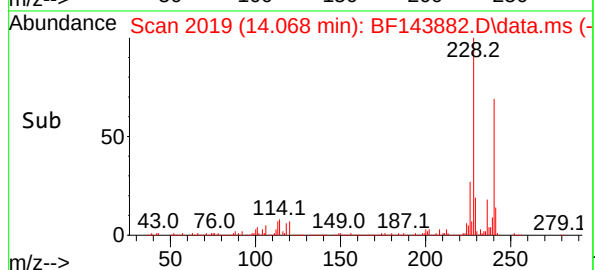
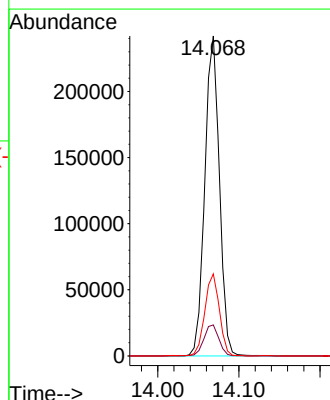
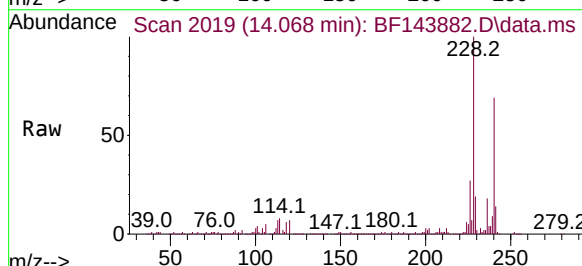
Tgt Ion:240 Resp: 302500

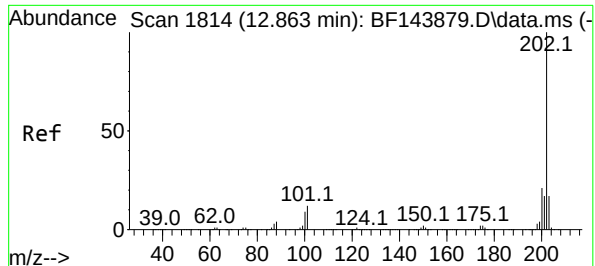
Ion Ratio Lower Upper

240 100

120 9.7 8.6 13.0

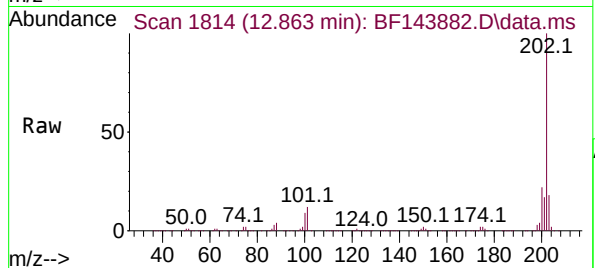
236 25.6 21.1 31.7





#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

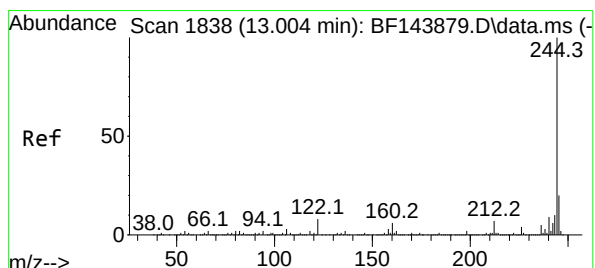
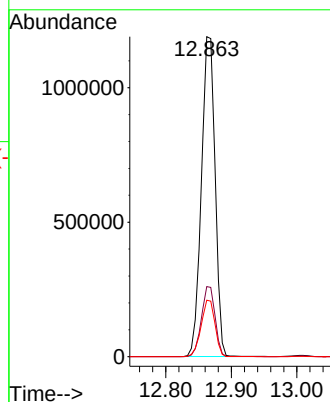
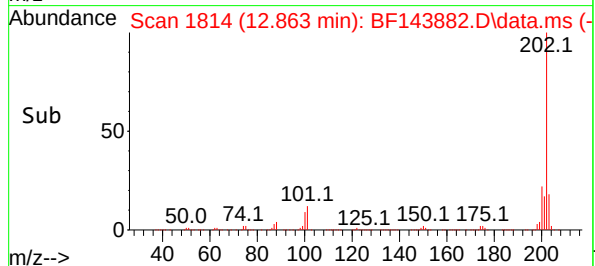
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



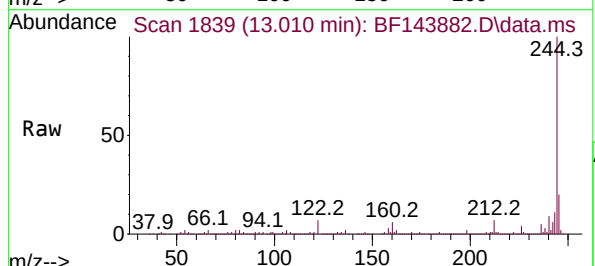
Tgt Ion:202 Resp: 1718085
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.6
203 17.6 13.8 20.6

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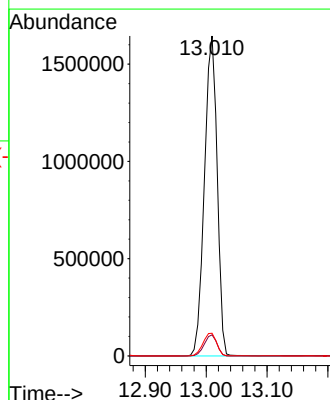
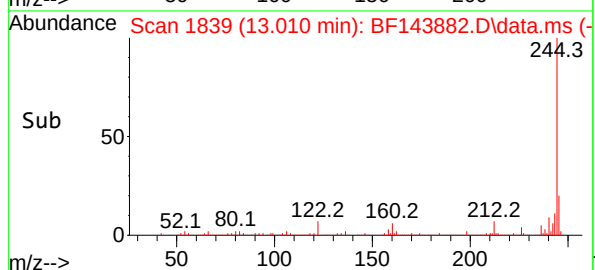
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

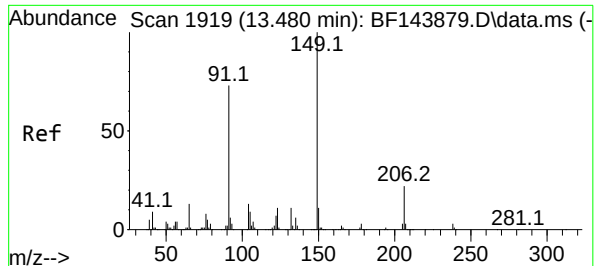


#79
Terphenyl-d14
Concen: 134.604 ng
RT: 13.010 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



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

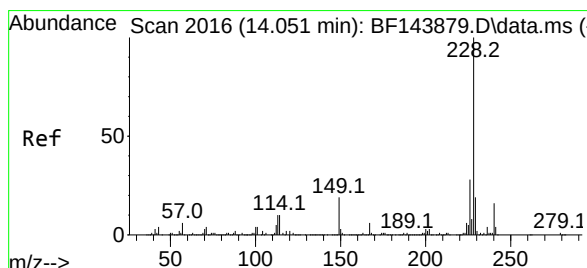
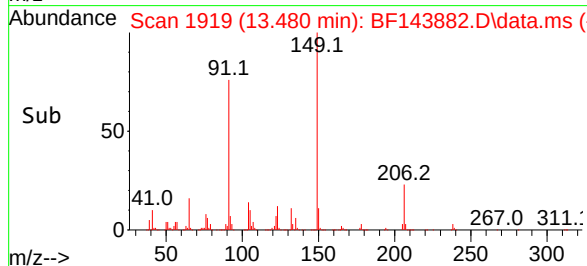
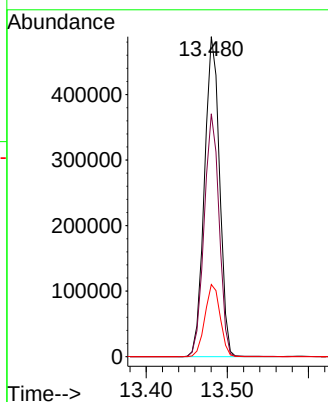
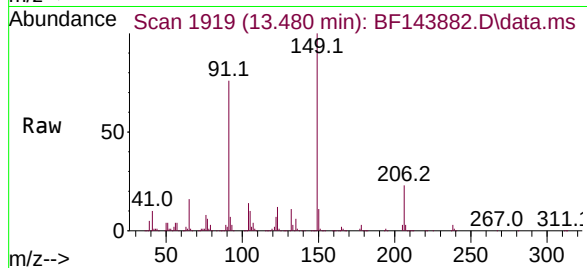
206 22.5 17.9 26.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

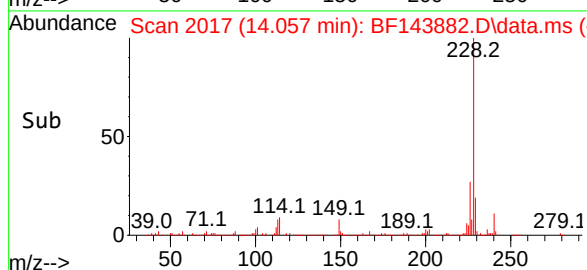
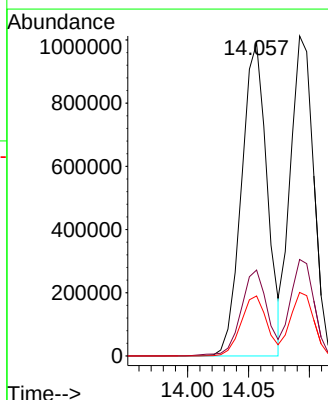
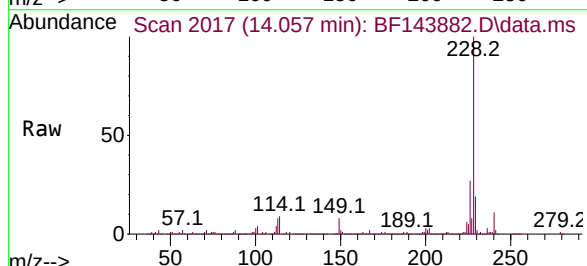
Tgt Ion:228 Resp: 1449801

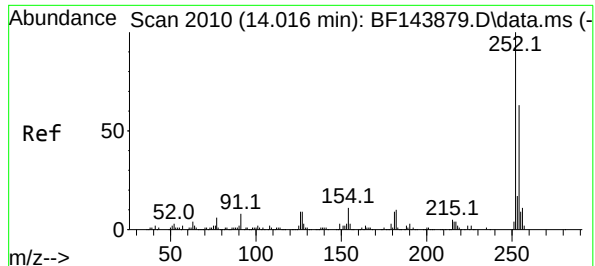
Ion Ratio Lower Upper

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 :

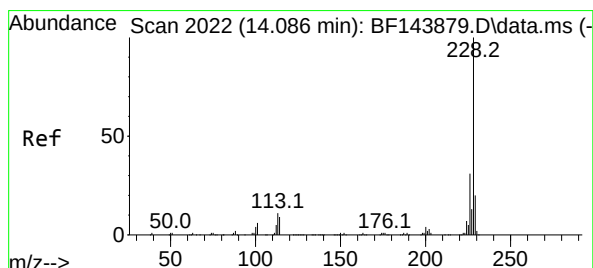
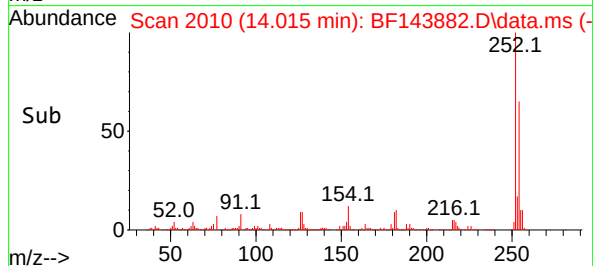
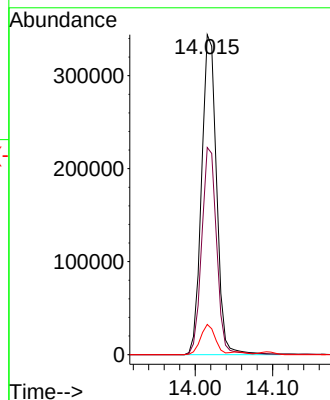
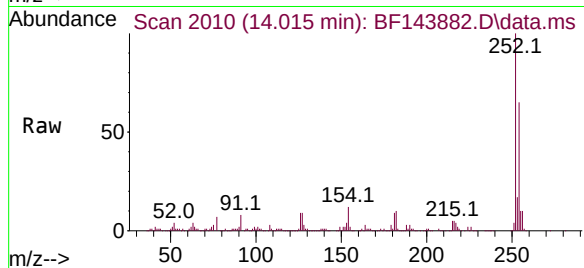
SSTDICC080

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

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#83

Chrysene

Concen: 73.645 ng

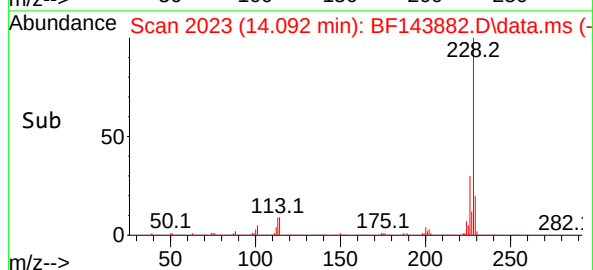
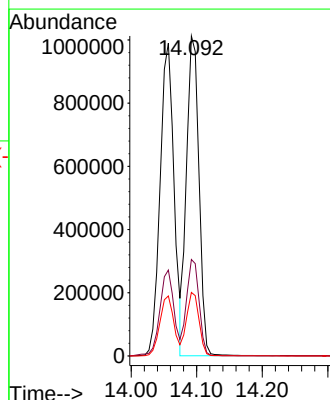
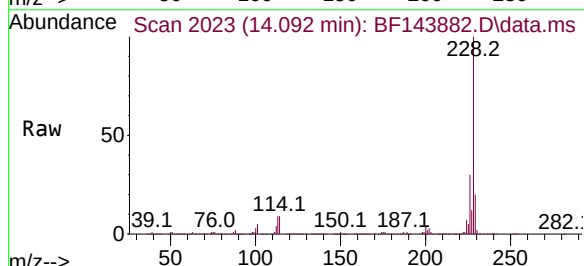
RT: 14.092 min Scan# 2023

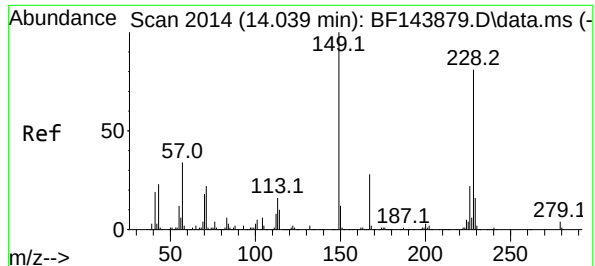
Delta R.T. 0.000 min

Lab File: BF143882.D

Acq: 06 Oct 2025 14:22

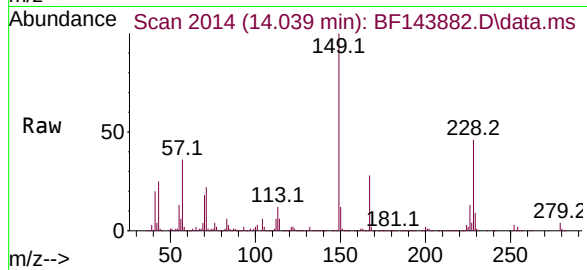
Tgt Ion:228 Resp: 1349286
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 19.8 15.9 23.9





#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

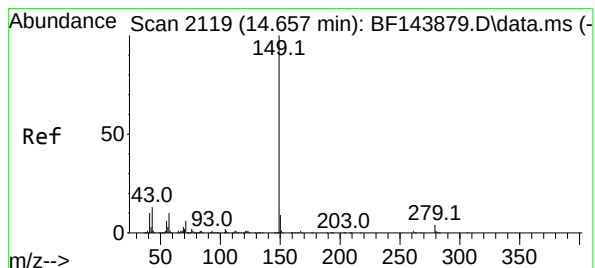
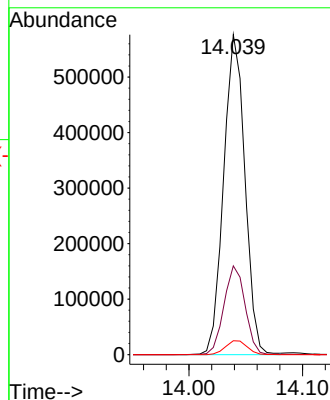
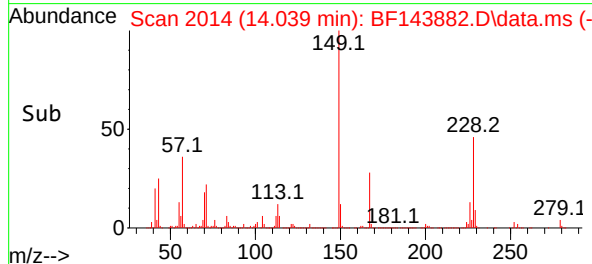
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



Tgt Ion:149 Resp: 74932
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.3 3.1 4.7

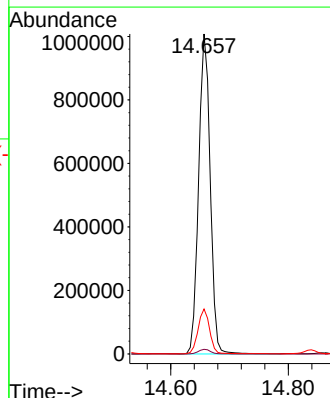
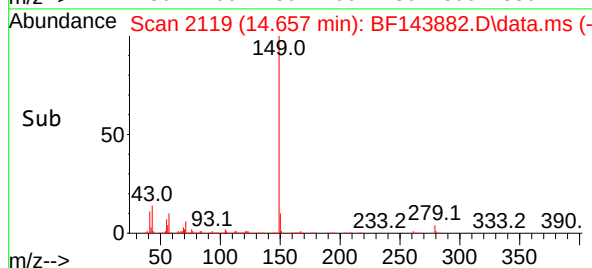
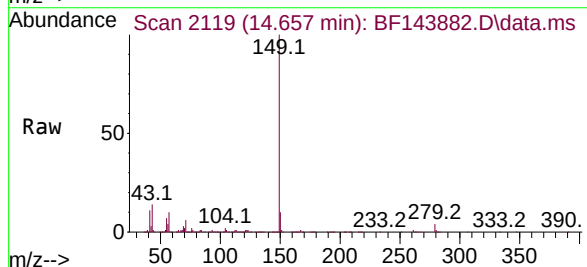
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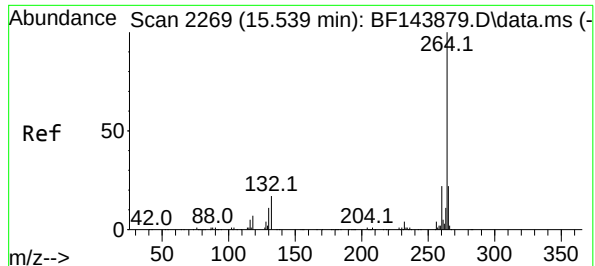
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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: 35791

Ion Ratio Lower Upper

264 100

260 21.8 17.8 26.8

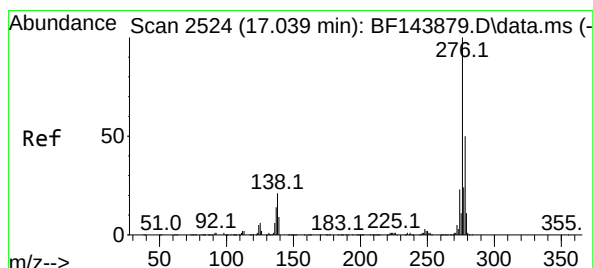
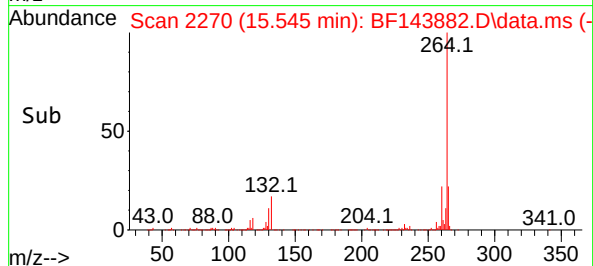
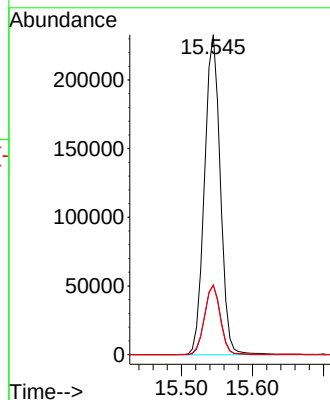
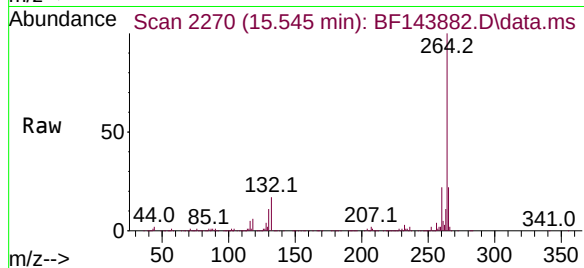
265 21.7 17.5 26.3

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

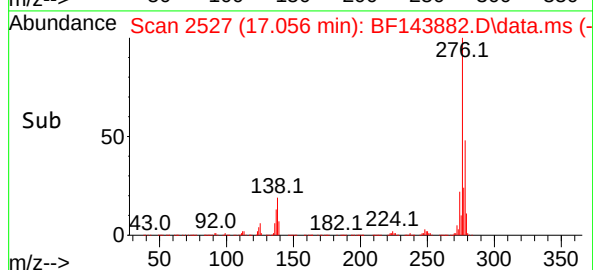
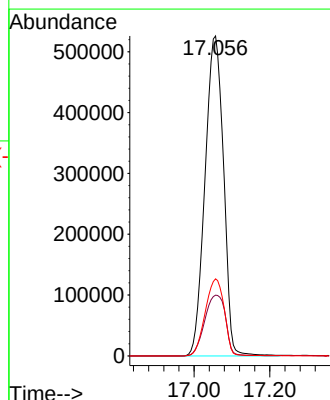
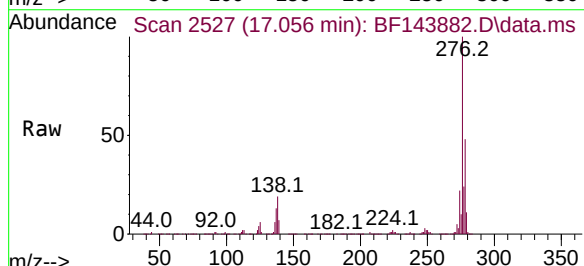
Tgt Ion:276 Resp: 1786876

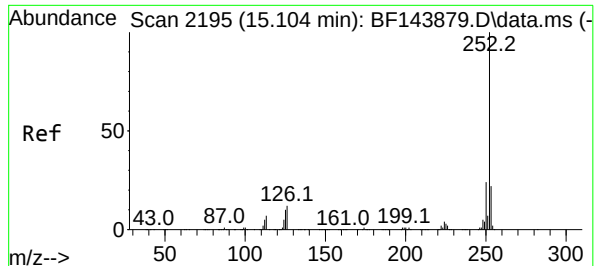
Ion Ratio Lower Upper

276 100

138 21.5 18.2 27.2

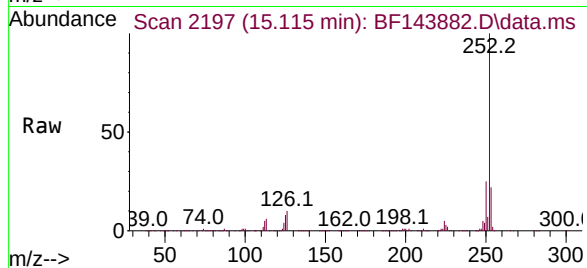
277 24.7 19.8 29.6





#88
Benzo(b)fluoranthene
Concen: 69.645 ng
RT: 15.115 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22

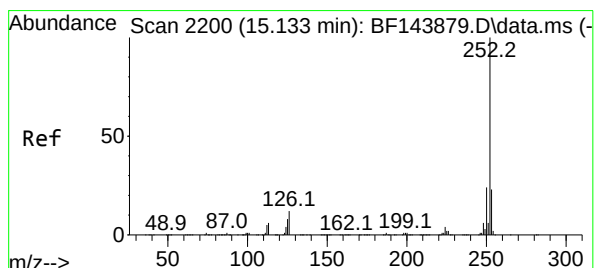
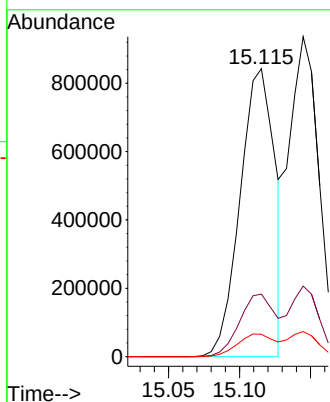
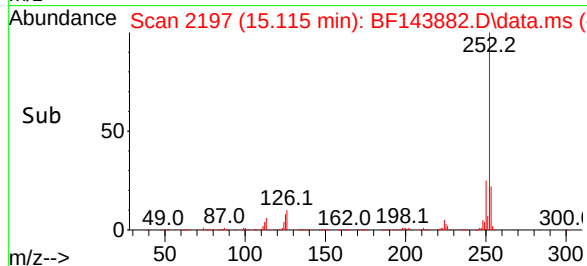
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



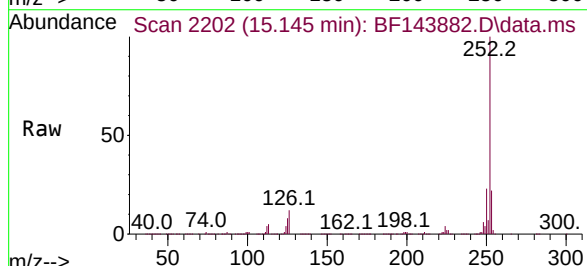
Tgt Ion:252 Resp: 1431875
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.8 7.8 11.6

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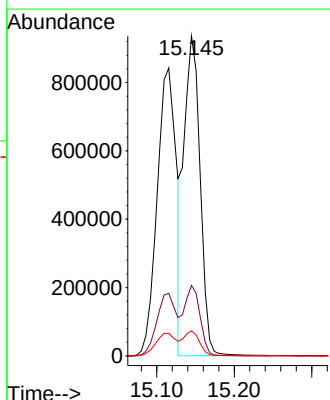
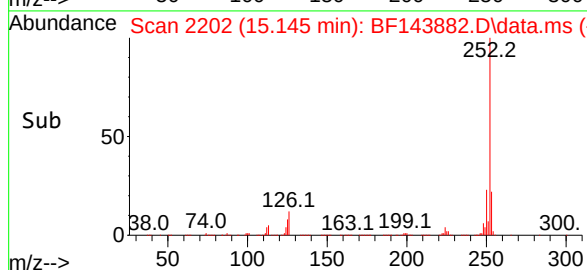
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

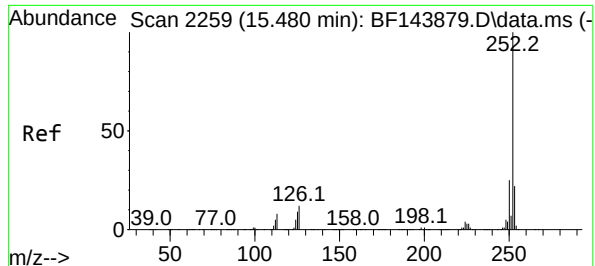


#89
Benzo(k)fluoranthene
Concen: 71.595 ng
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BF143882.D
Acq: 06 Oct 2025 14:22



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

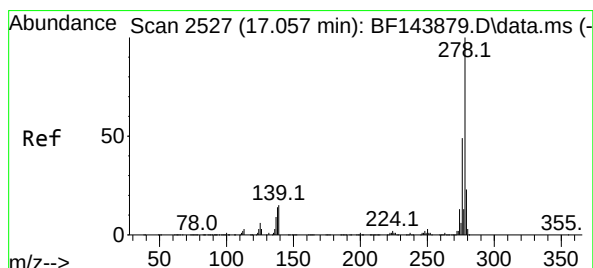
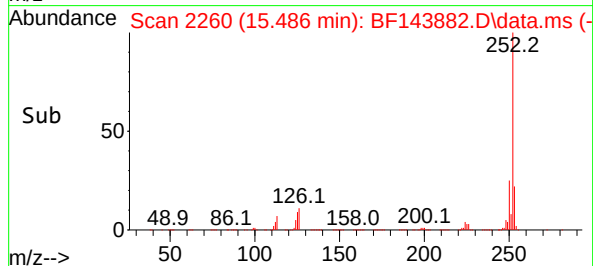
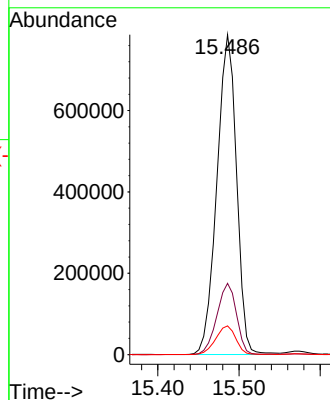
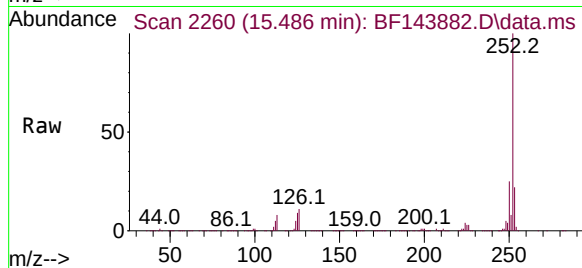
125 9.0 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

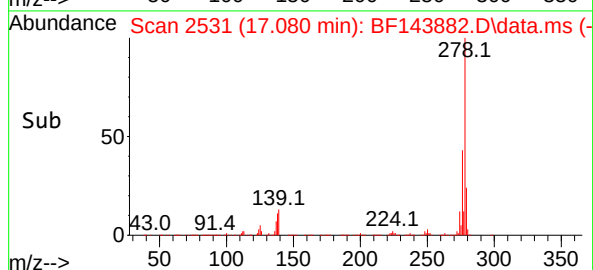
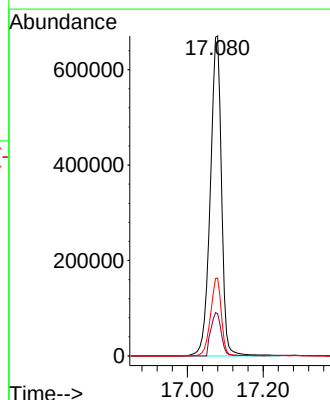
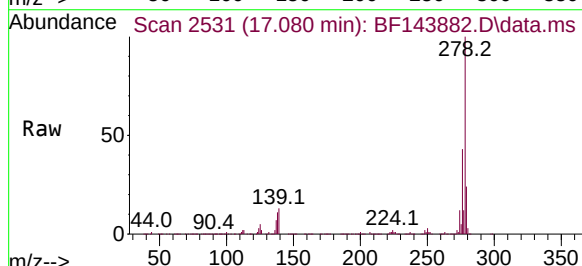
Tgt Ion:278 Resp: 1391562

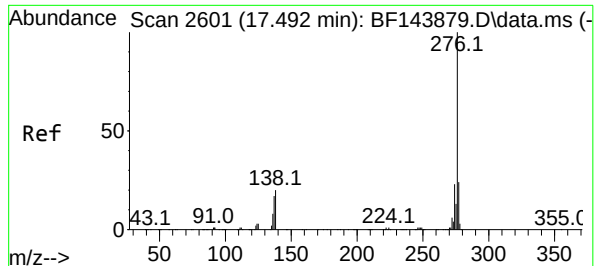
Ion Ratio Lower Upper

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

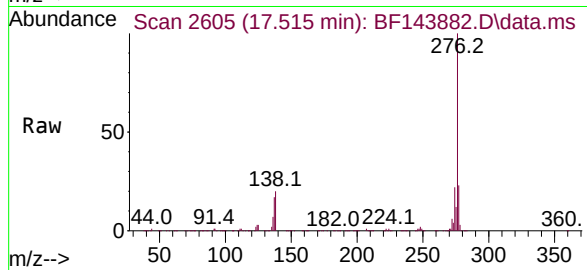
Acq: 06 Oct 2025 14:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion:276 Resp: 145172

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.6

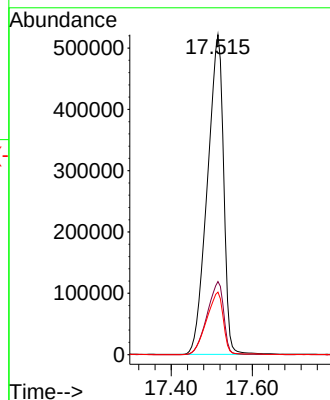
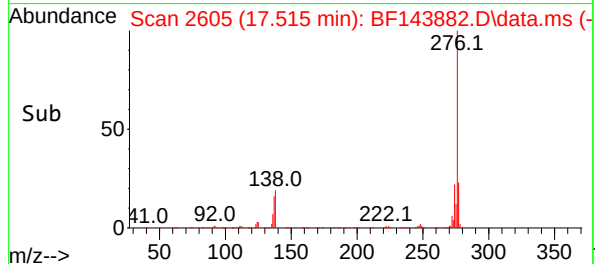
138 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/07/2025
 Supervised By :Jagrut Upadhyay 10/07/2025

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

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

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025

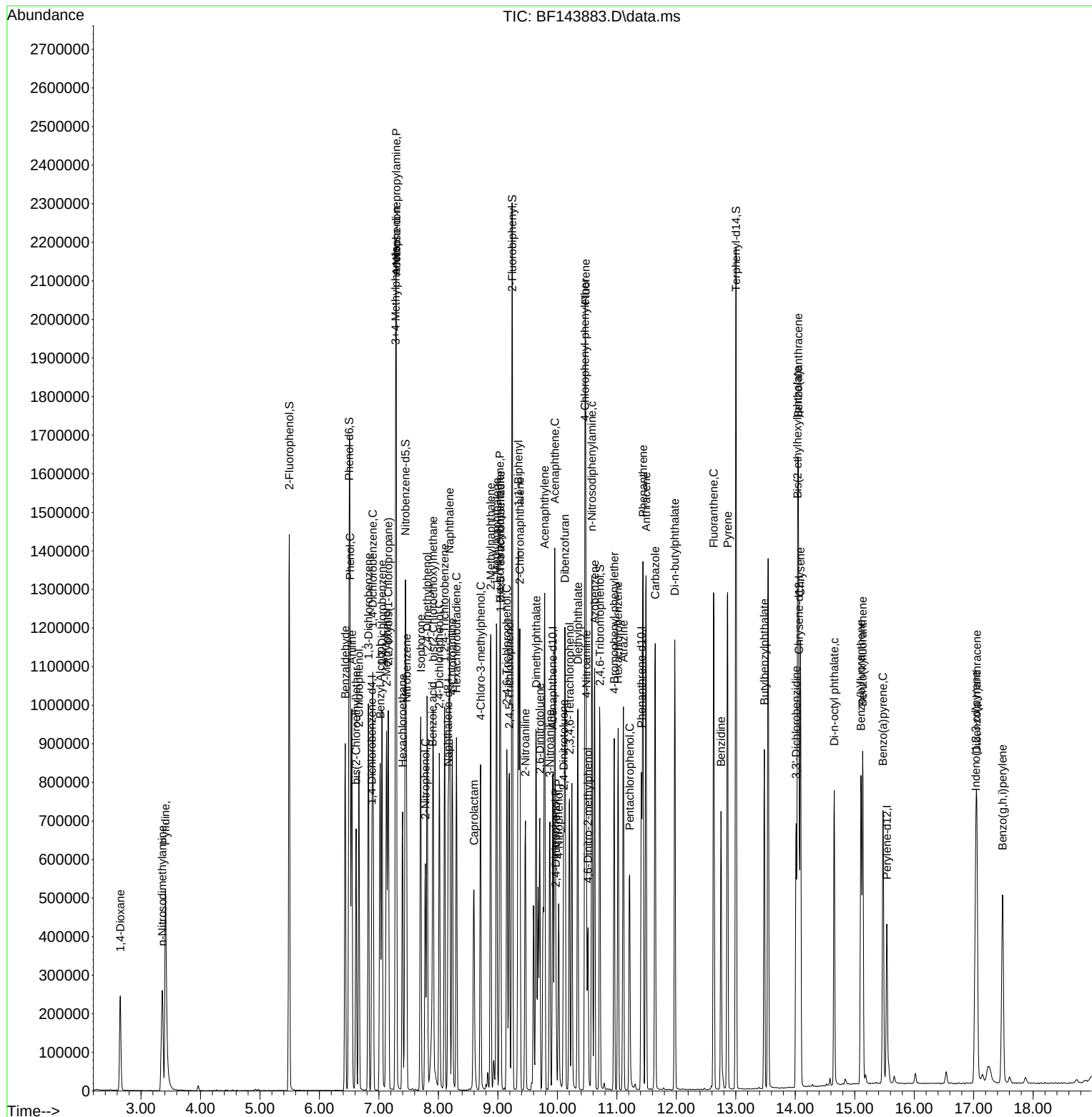
Quant Time: Oct 06 16:37:11 2025

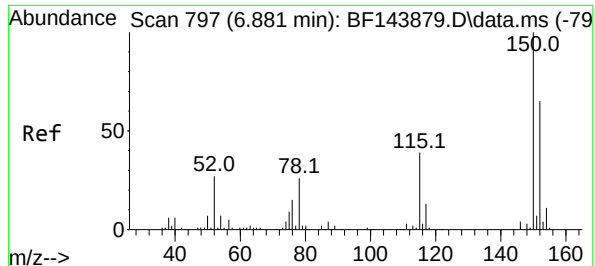
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 06 15:29:47 2025

Response via : Initial Calibration





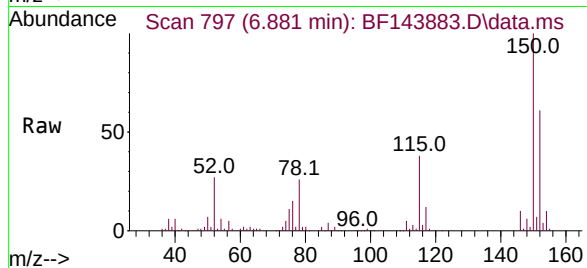
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



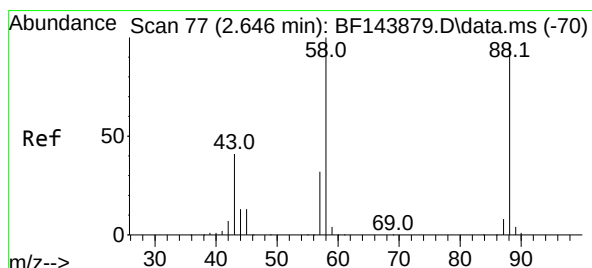
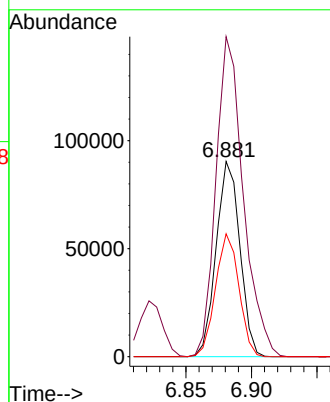
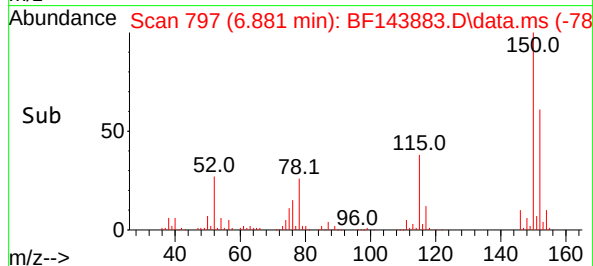
Tgt Ion:152 Resp: 114039
Ion Ratio Lower Upper
152 100
150 164.0 124.4 186.6
115 62.9 48.1 72.1

Manual Integrations

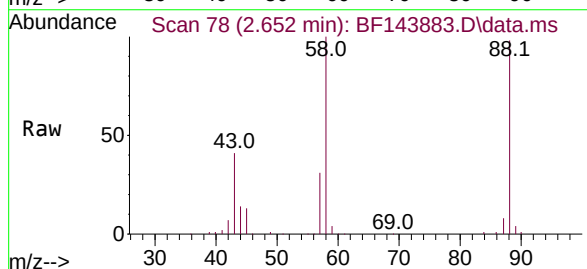
APPROVED

Reviewed By :Rahul Chavli 10/07/2025

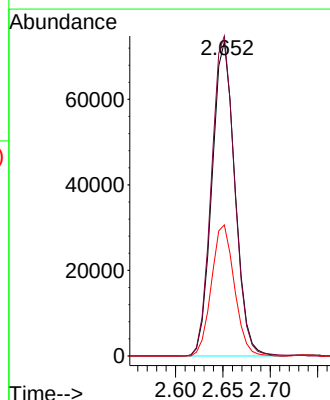
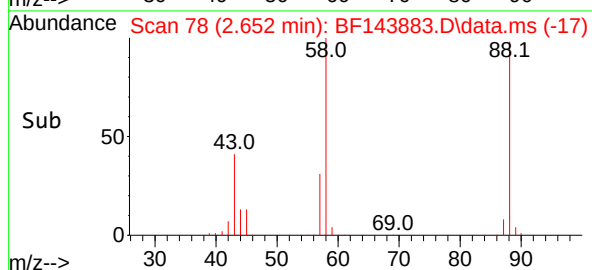
Supervised By :Jagrut Upadhyay 10/07/2025

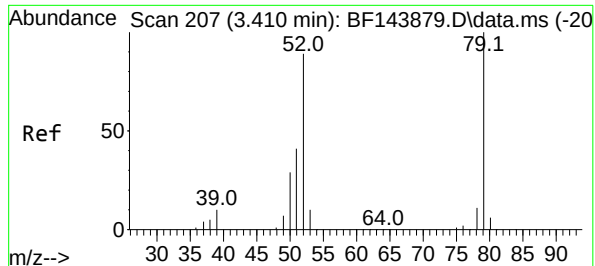


#2
1,4-Dioxane
Concen: 37.256 ng
RT: 2.652 min Scan# 78
Delta R.T. 0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



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

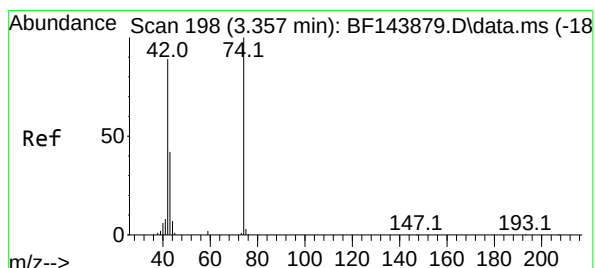
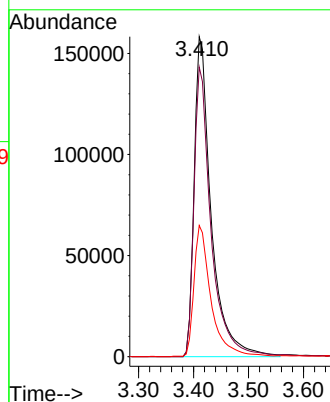
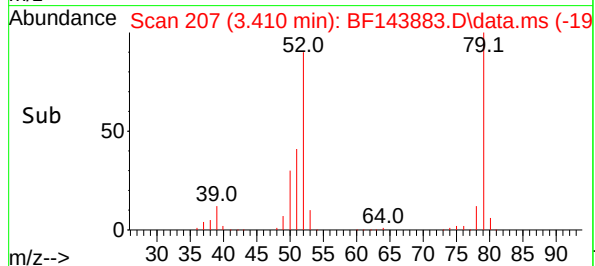
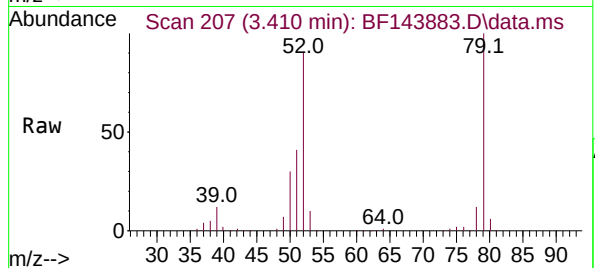
Tgt Ion:	79	Resp:	341125
Ion	Ratio	Lower	Upper
79	100		
52	90.5	71.5	107.3
51	41.0	32.9	49.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#4

n-Nitrosodimethylamine

Concen: 38.456 ng

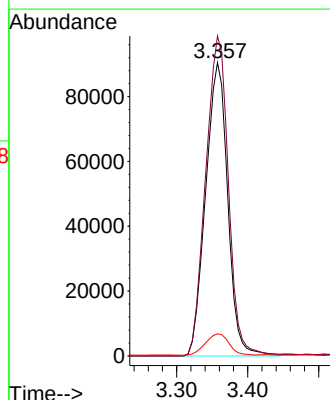
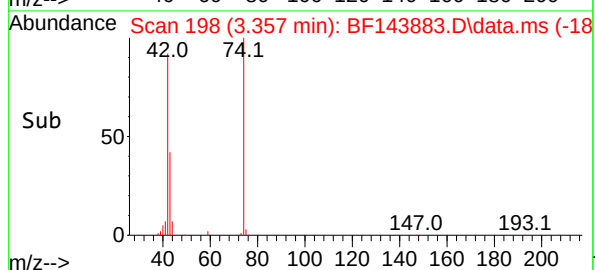
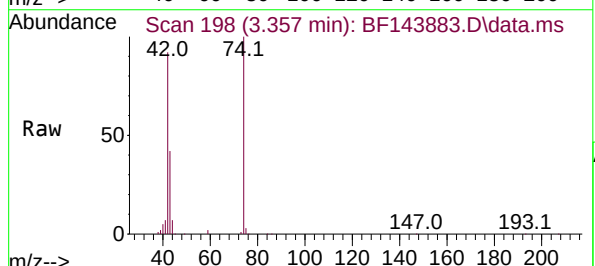
RT: 3.357 min Scan# 198

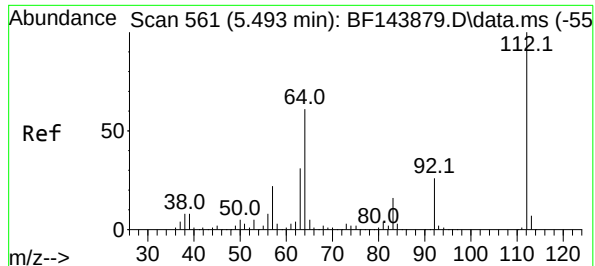
Delta R.T. -0.029 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

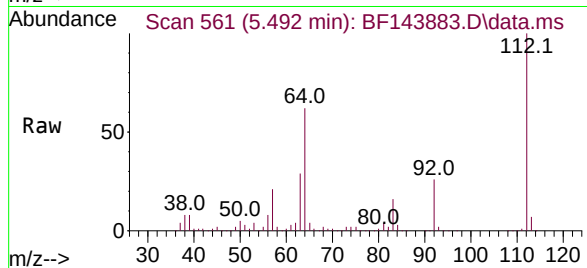
Tgt Ion:	42	Resp:	195710
Ion	Ratio	Lower	Upper
42	100		
74	109.1	90.0	135.0
44	7.5	6.2	9.2





#5
2-Fluorophenol
Concen: 74.908 ng
RT: 5.492 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

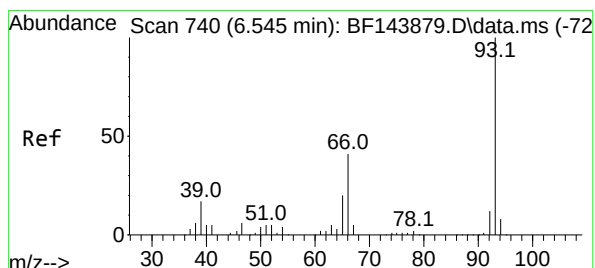
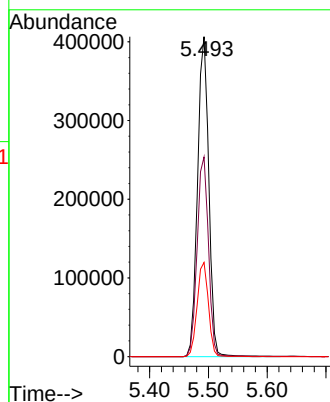
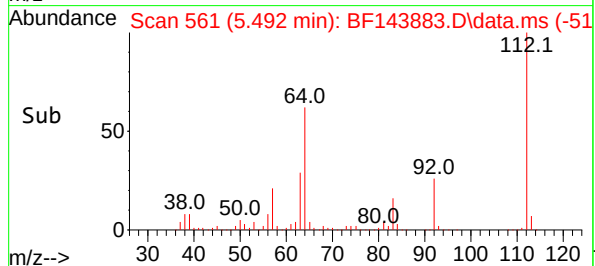
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:112 Resp: 53794
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 29.4 24.5 36.7

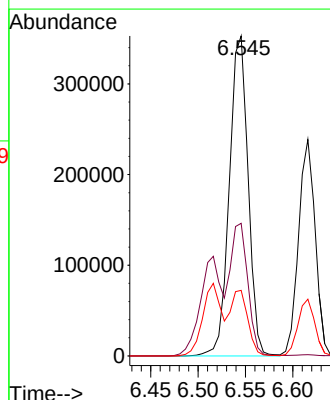
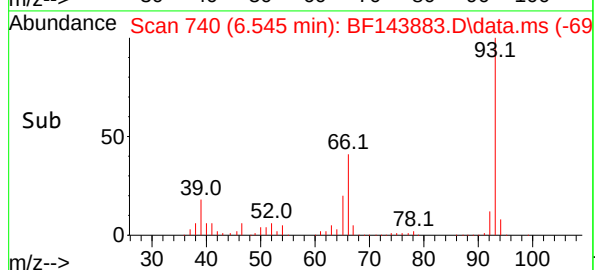
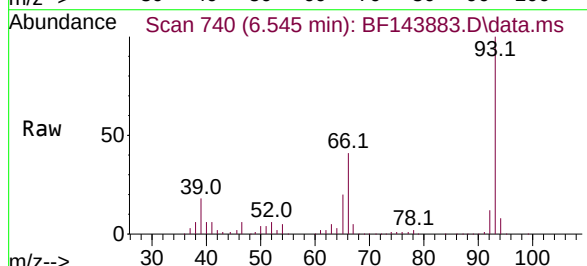
Manual Integrations
APPROVED

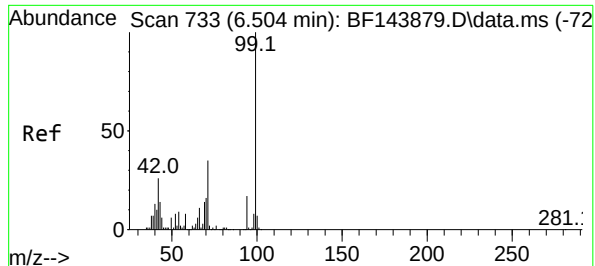
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

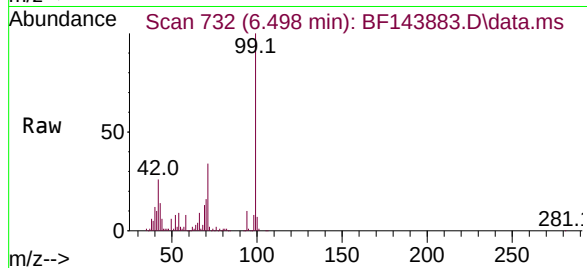
Tgt Ion: 93 Resp: 486607
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.6
65 20.5 15.8 23.8





#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

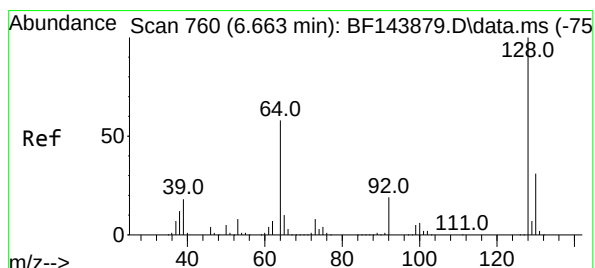
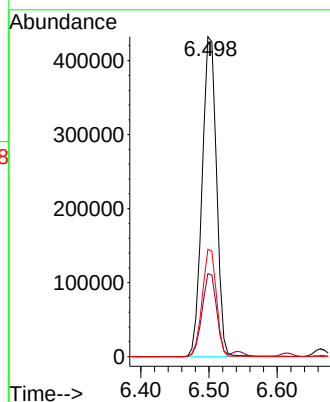
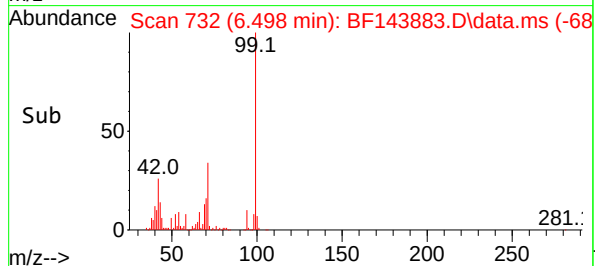
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion: 99 Resp: 637592
Ion Ratio Lower Upper
99 100
42 25.9 21.0 31.4
71 33.5 27.8 41.8

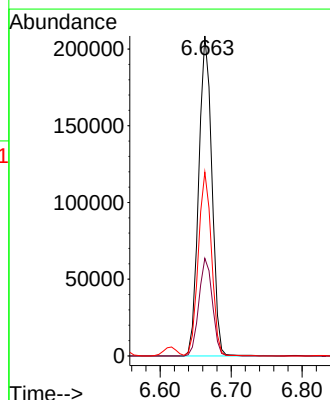
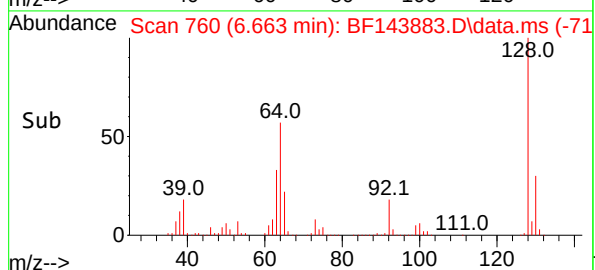
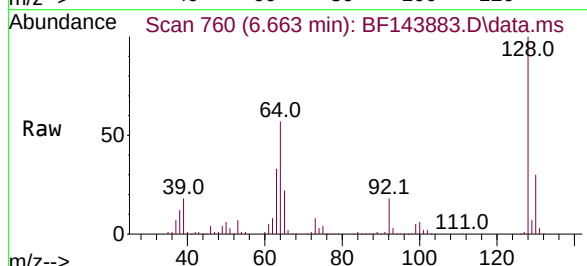
Manual Integrations
APPROVED

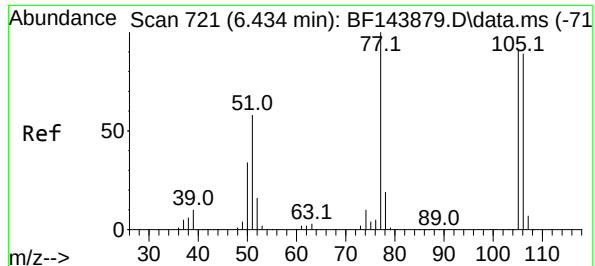
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

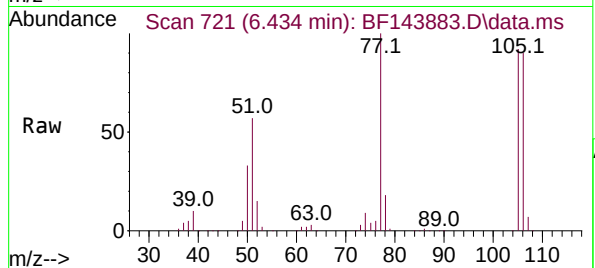
Tgt Ion:128 Resp: 267562
Ion Ratio Lower Upper
128 100
130 30.5 10.7 50.7
64 57.4 39.0 79.0





#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

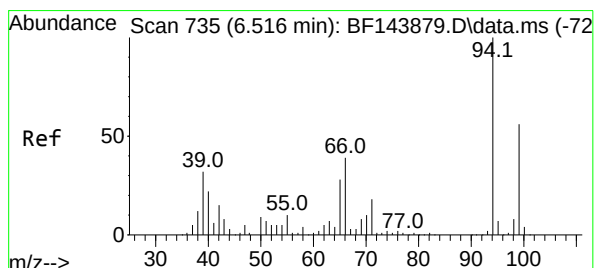
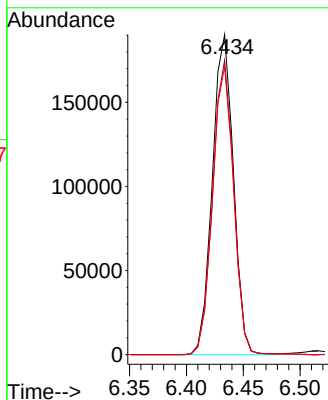
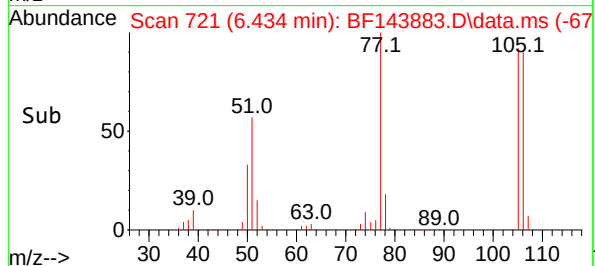
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion: 77 Resp: 24524
Ion Ratio Lower Upper
77 100
105 92.0 70.9 110.9
106 90.0 68.9 108.9

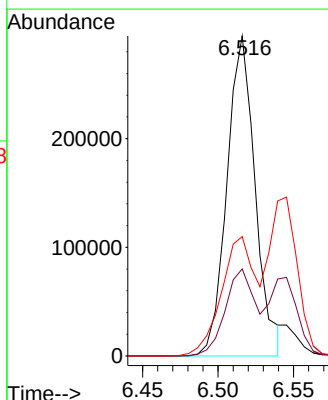
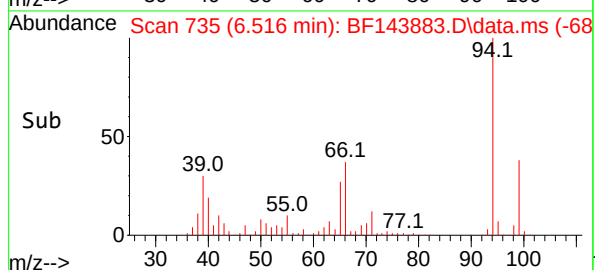
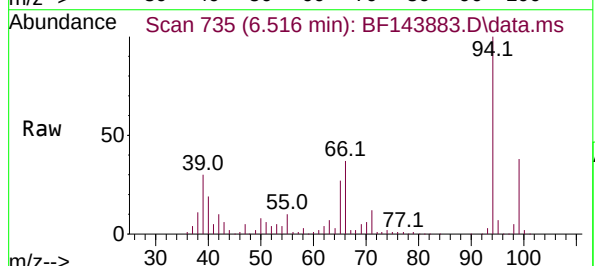
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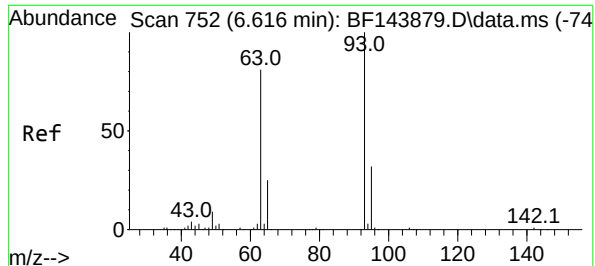
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





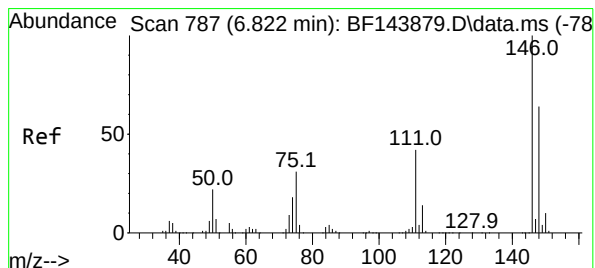
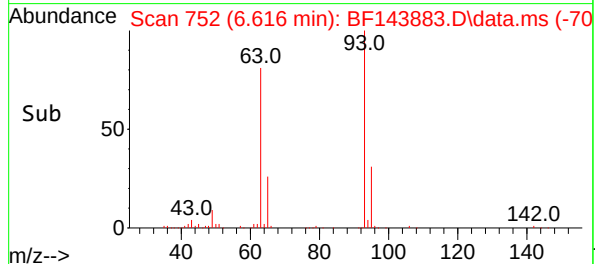
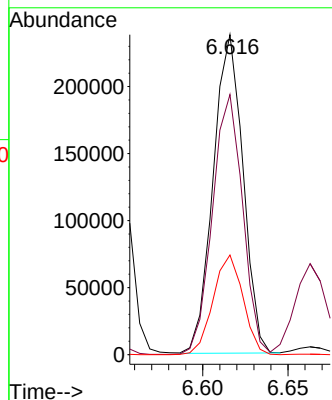
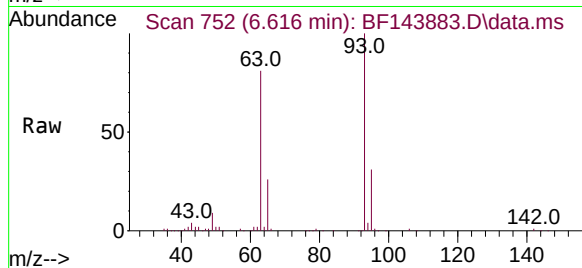
#11
bis(2-Chloroethyl)ether
Concen: 36.561 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

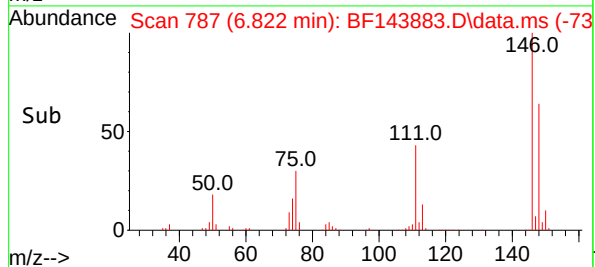
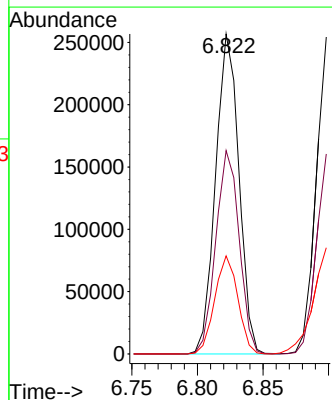
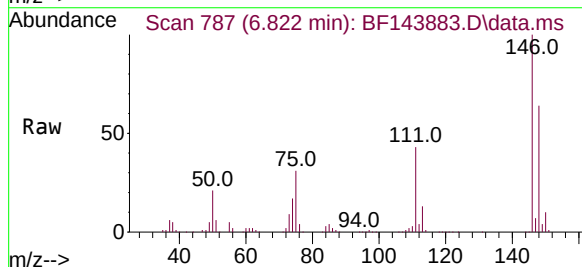
Manual Integrations
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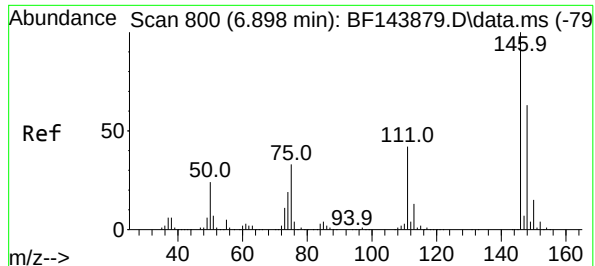
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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: 31822

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

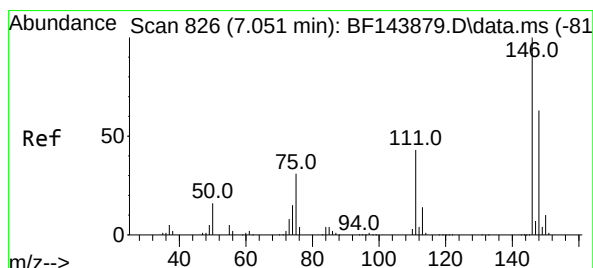
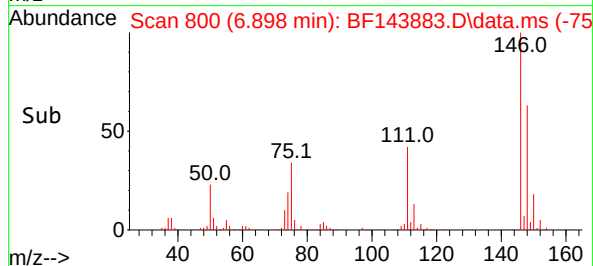
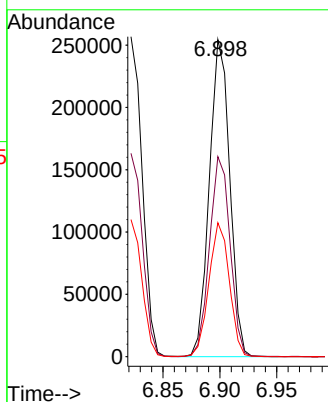
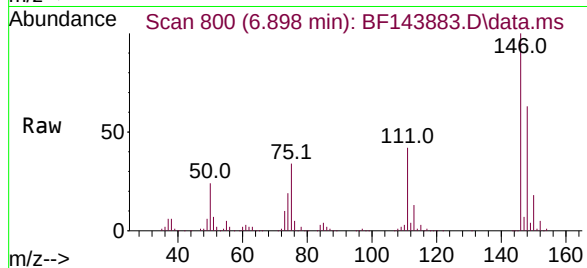
111 42.2 33.4 50.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

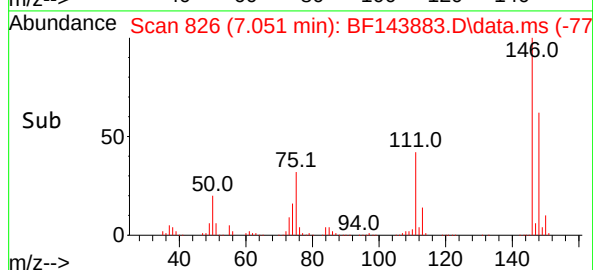
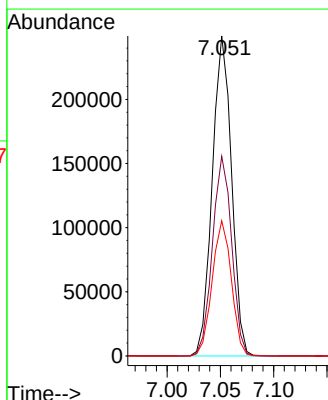
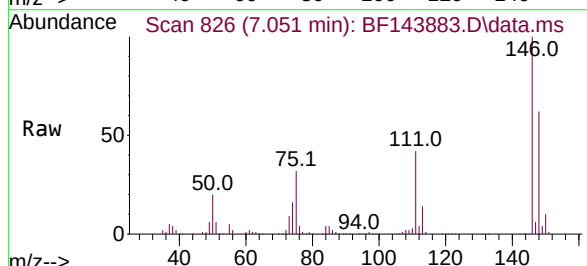
Tgt Ion:146 Resp: 314832

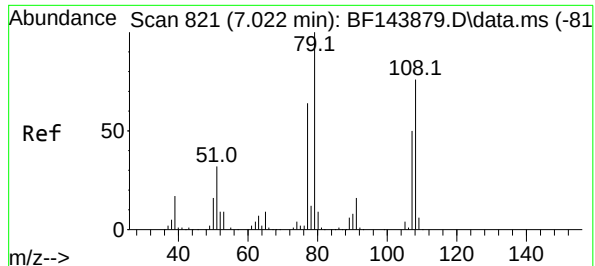
Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

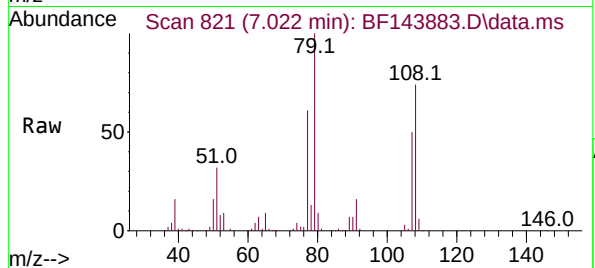
111 42.2 34.6 51.8





#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

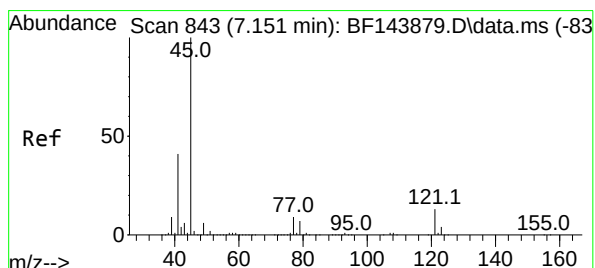
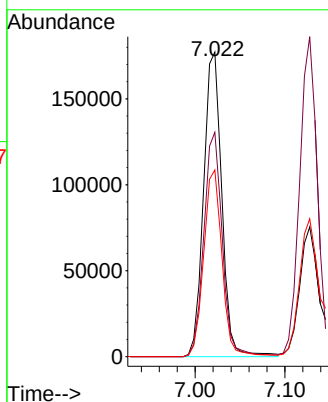
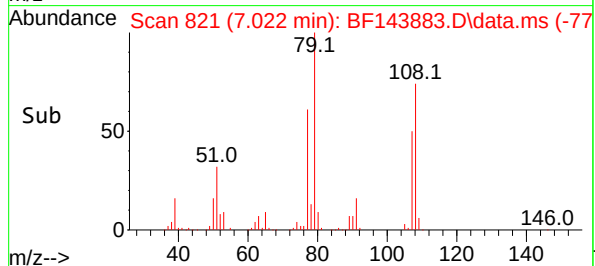
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

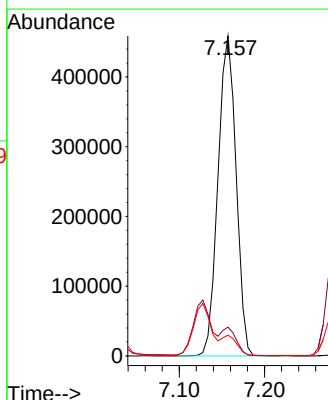
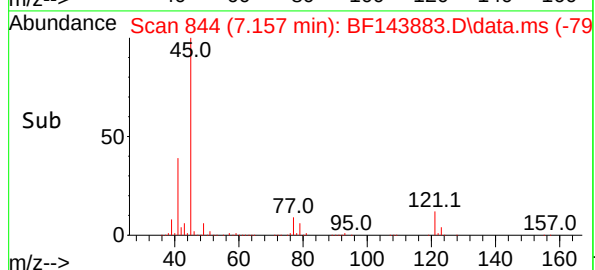
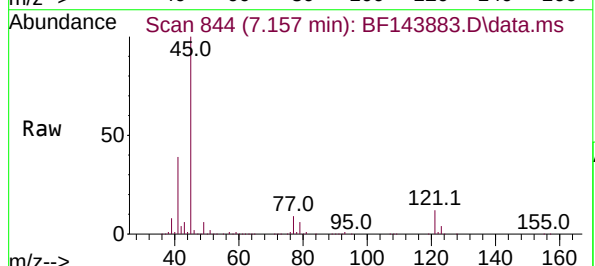
Manual Integrations
APPROVED

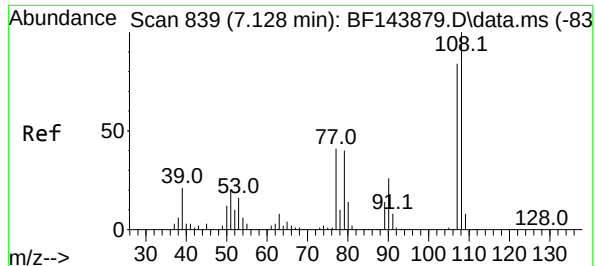
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

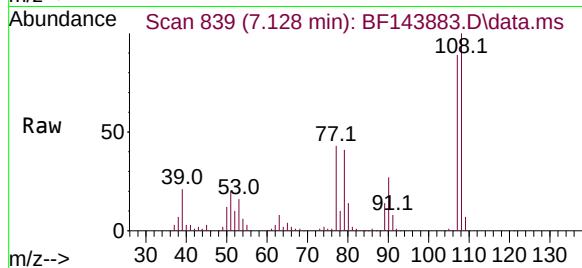
Tgt Ion: 45 Resp: 676009
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.5 0.0 26.8





#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

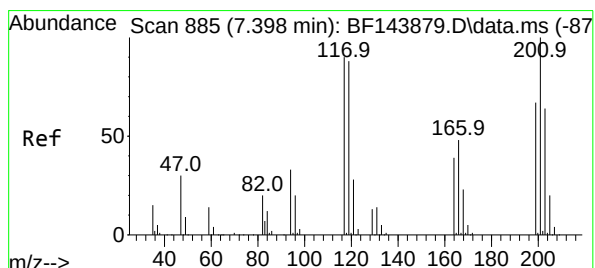
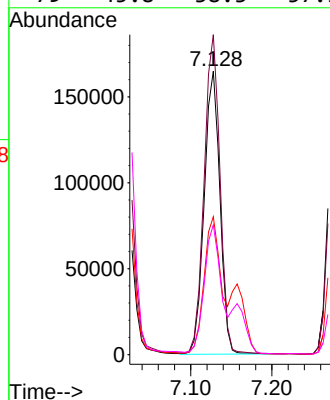
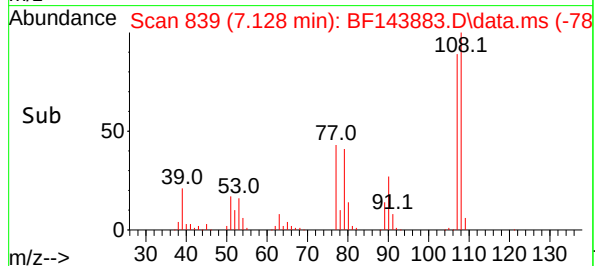
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

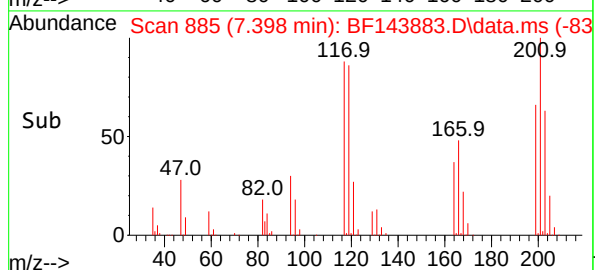
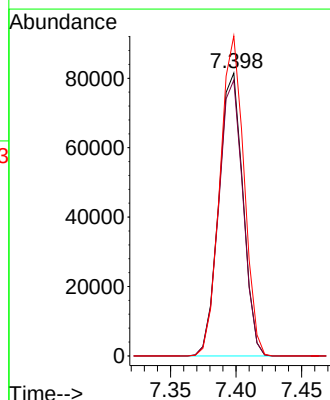
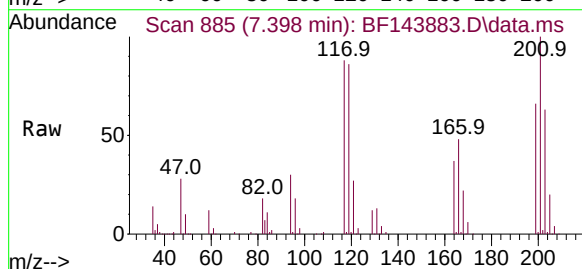
Manual Integrations
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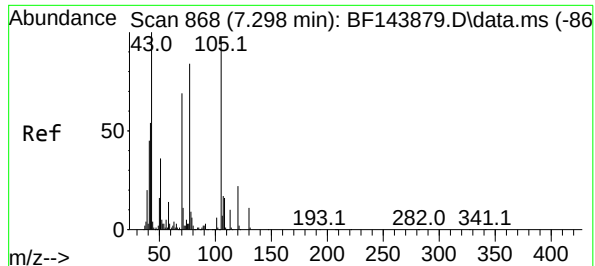
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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# 868

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

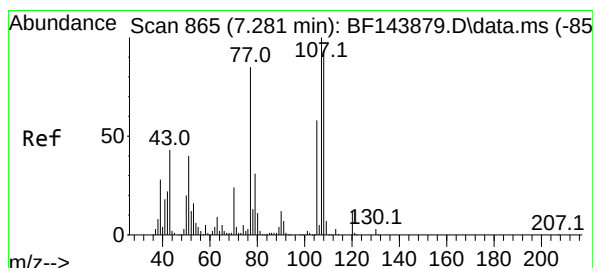
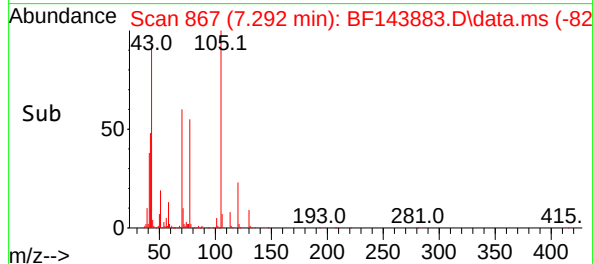
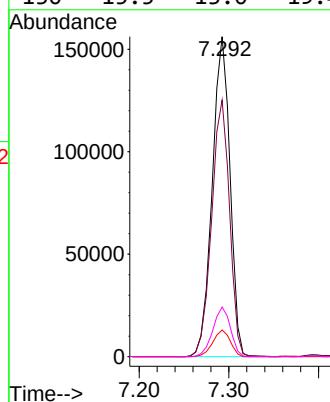
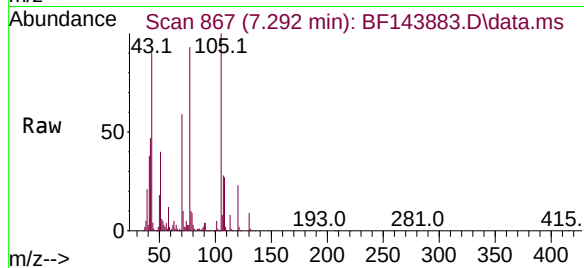
130 15.5 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

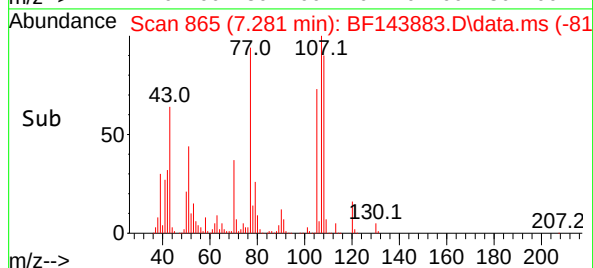
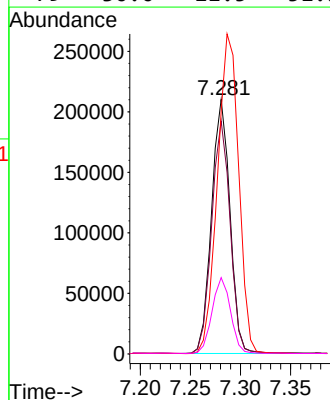
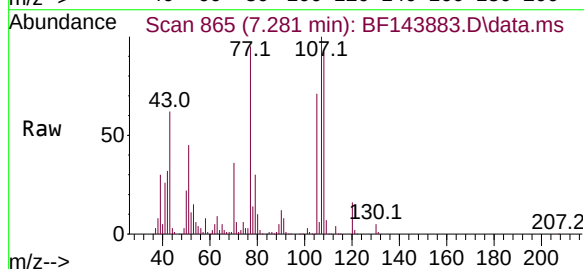
Ion Ratio Lower Upper

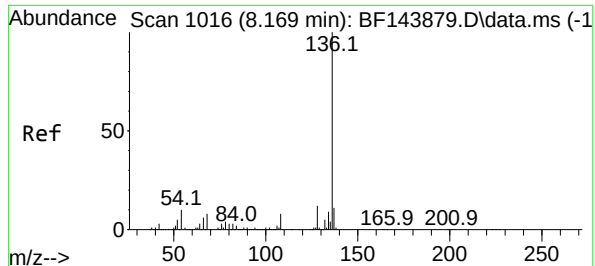
107 100

108 91.5 73.0 113.0

77 95.3 64.6 104.6

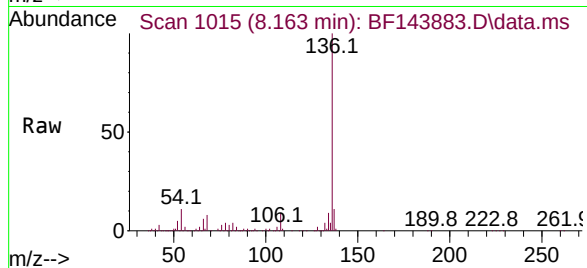
79 30.0 11.5 51.5





#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

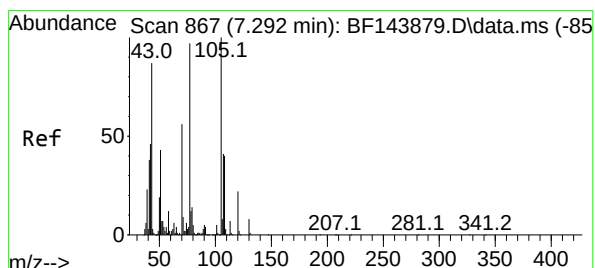
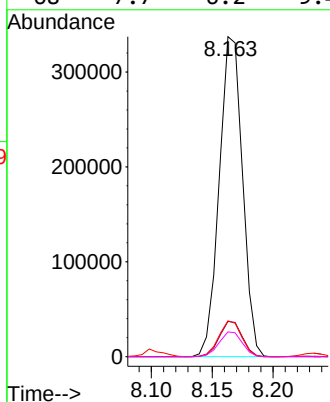
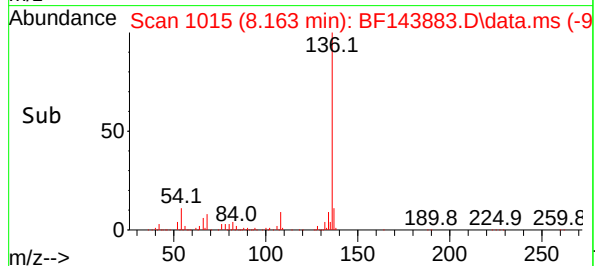
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

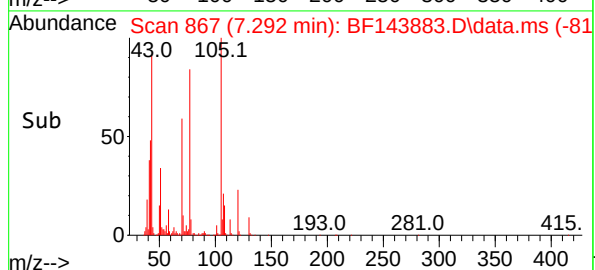
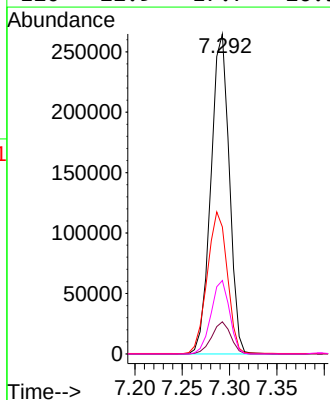
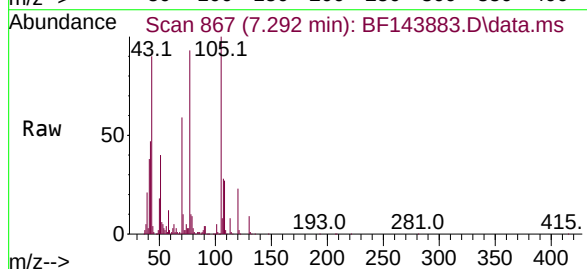
Manual Integrations
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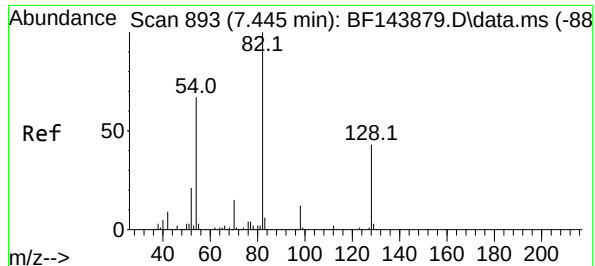
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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: 54929

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

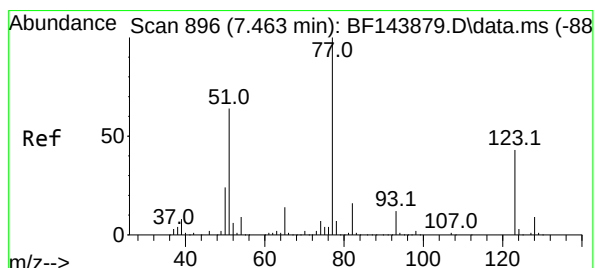
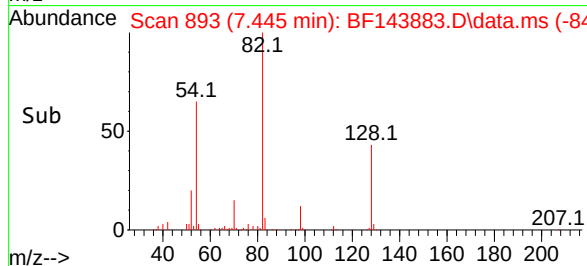
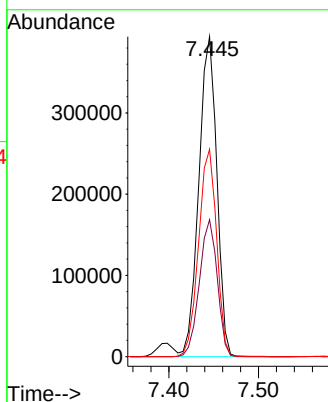
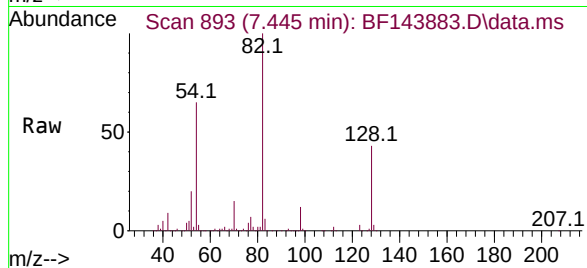
54 64.8 53.2 79.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

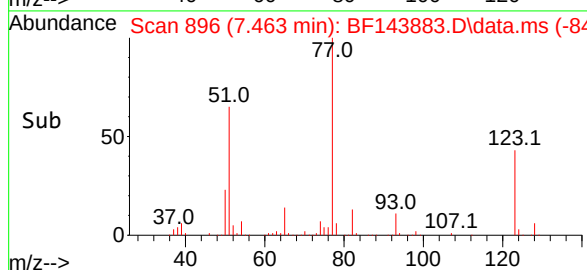
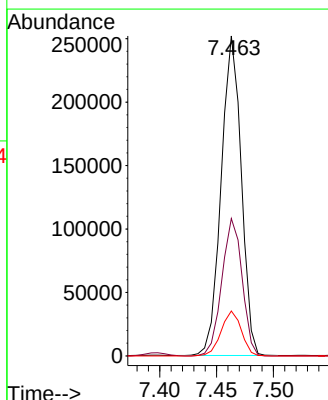
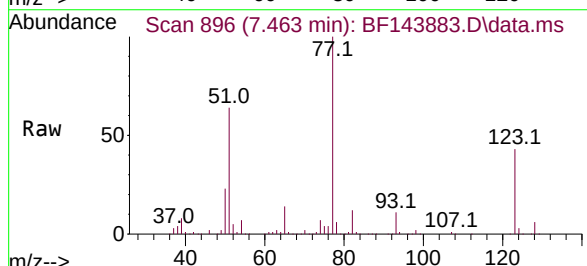
Tgt Ion: 77 Resp: 309611

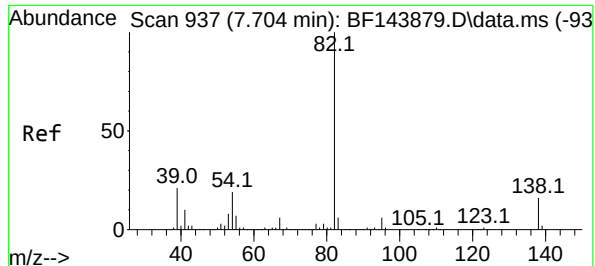
Ion Ratio Lower Upper

77 100

123 42.9 34.2 51.4

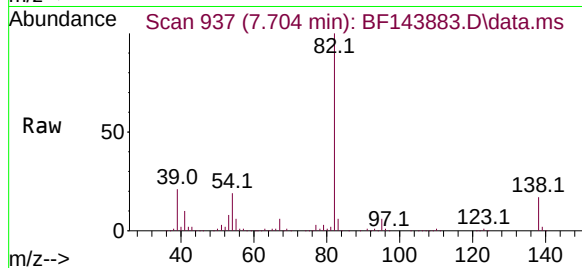
65 14.0 11.0 16.6





#25
Isophorone
Concen: 35.347 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

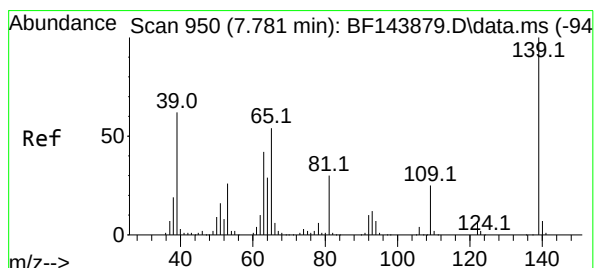
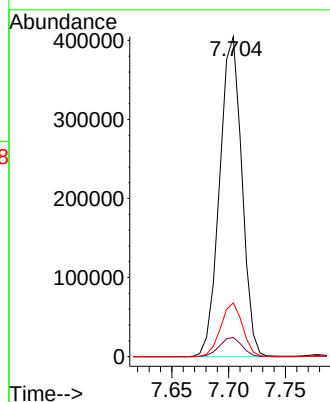
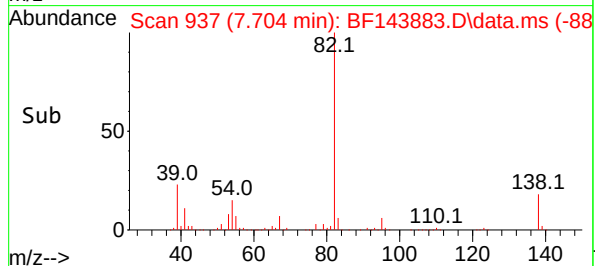
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

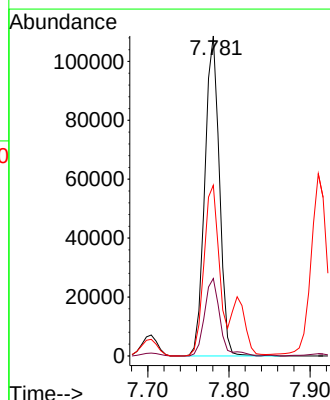
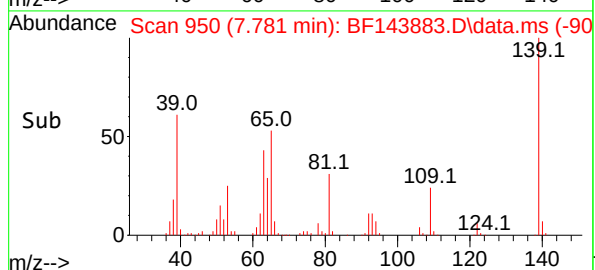
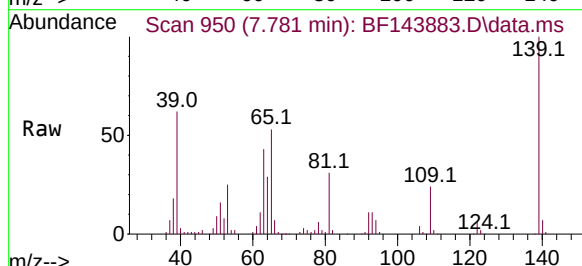
Manual Integrations
APPROVED

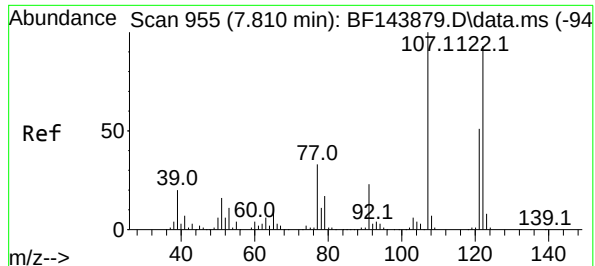
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

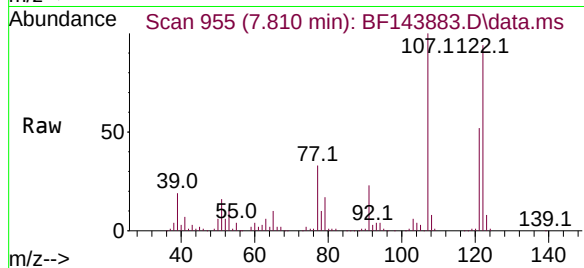
Tgt Ion:139 Resp: 136223
Ion Ratio Lower Upper
139 100
109 24.2 19.8 29.6
65 53.3 42.9 64.3





#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

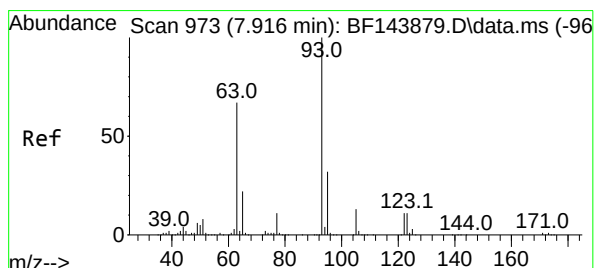
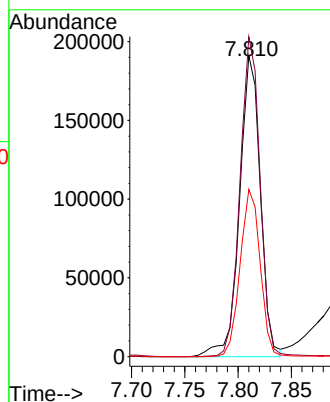
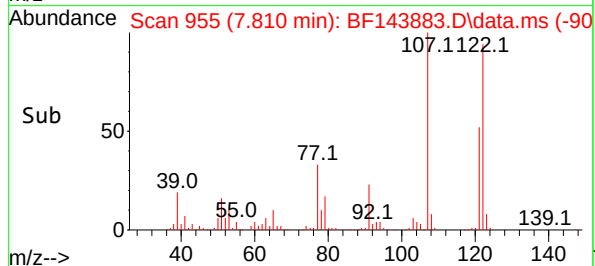
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

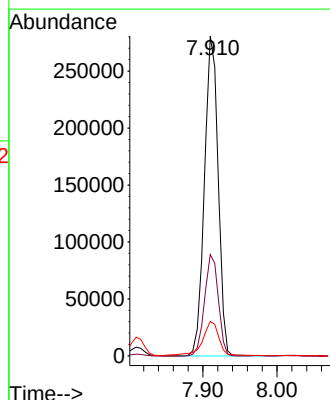
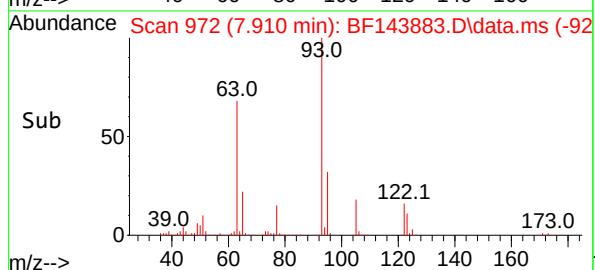
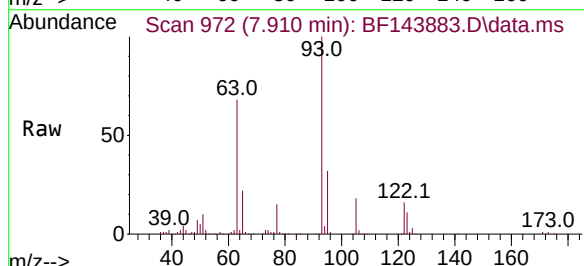
Manual Integrations
APPROVED

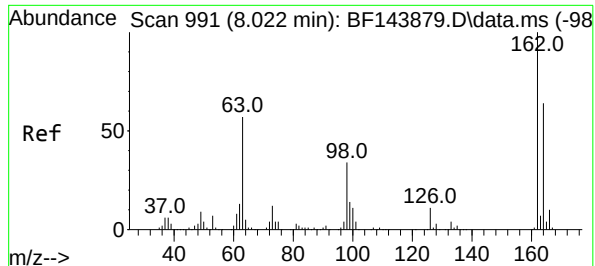
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

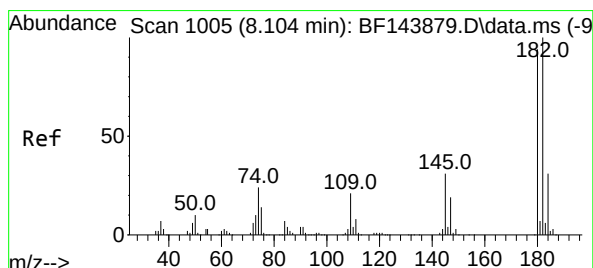
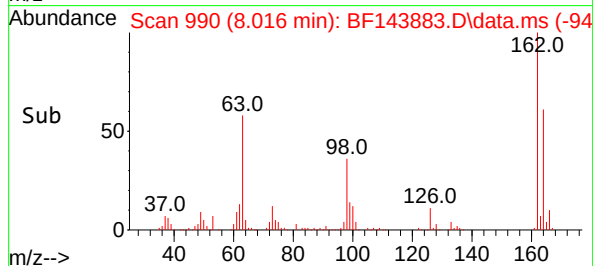
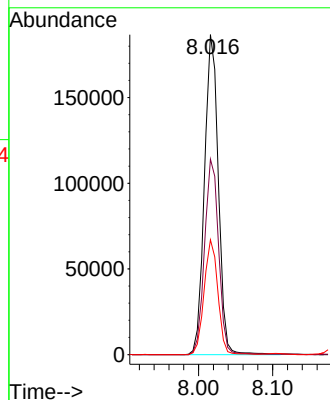
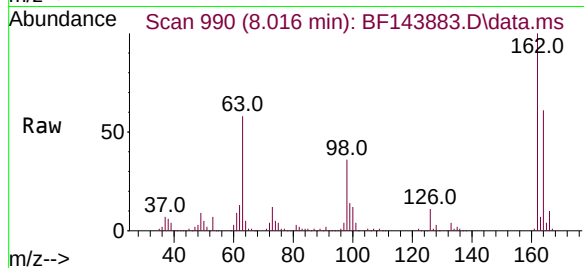
98 35.9 14.4 54.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

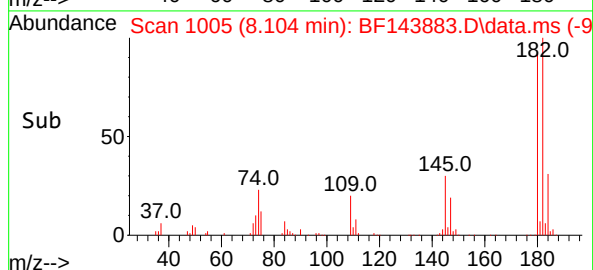
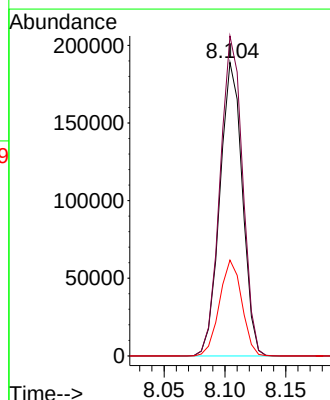
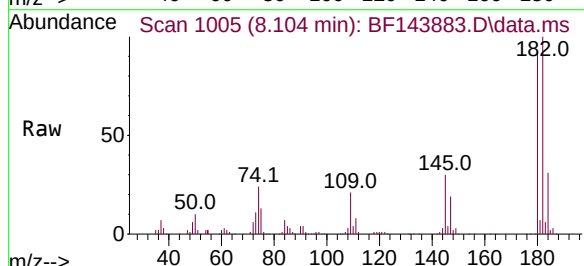
Tgt Ion:180 Resp: 243161

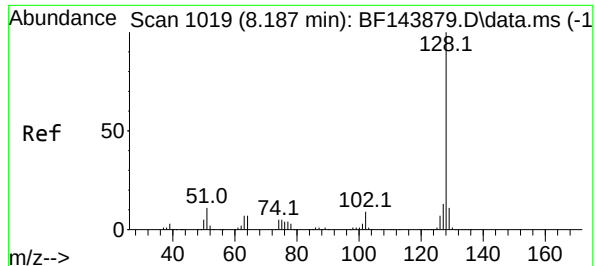
Ion Ratio Lower Upper

180 100

182 109.0 85.4 128.0

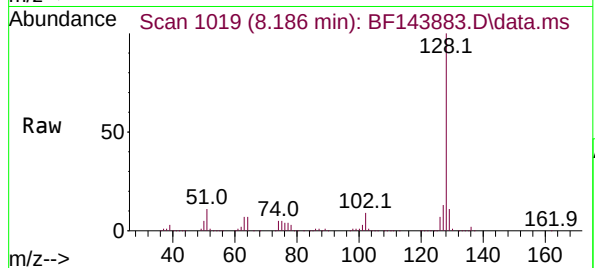
145 32.7 26.3 39.5





#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

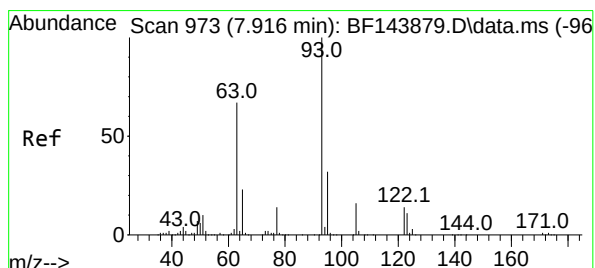
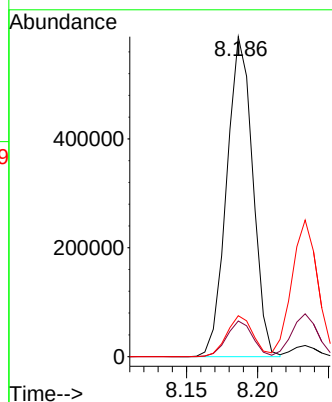
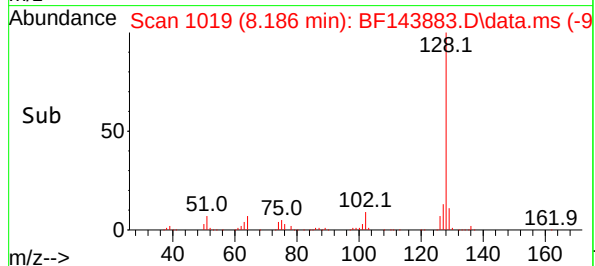
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

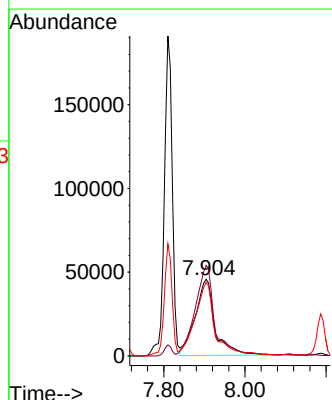
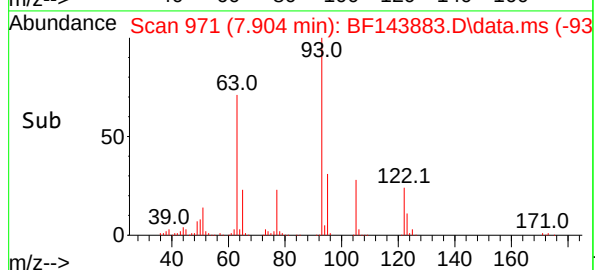
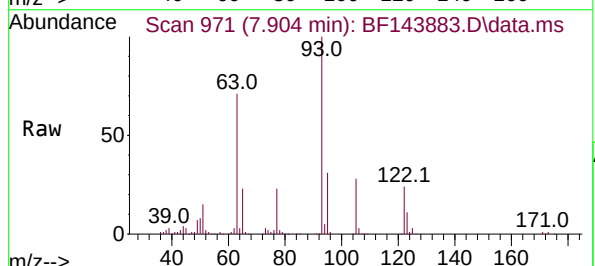
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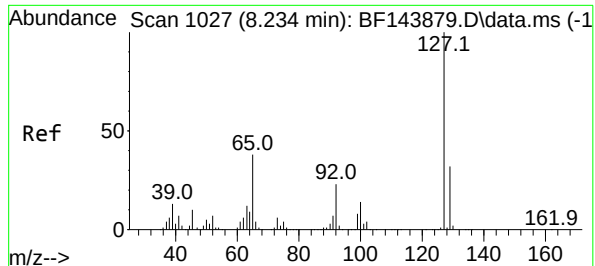
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





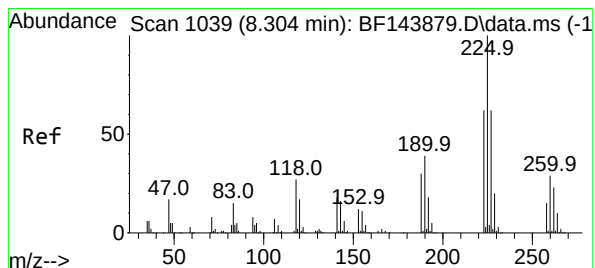
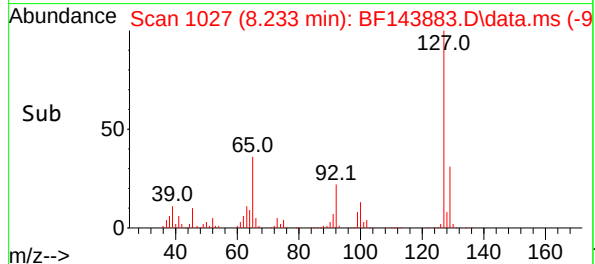
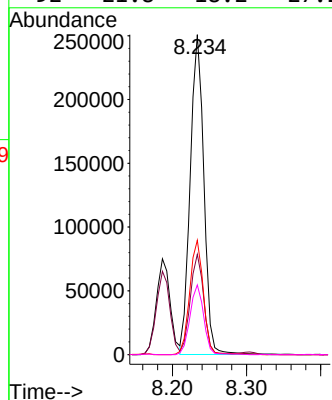
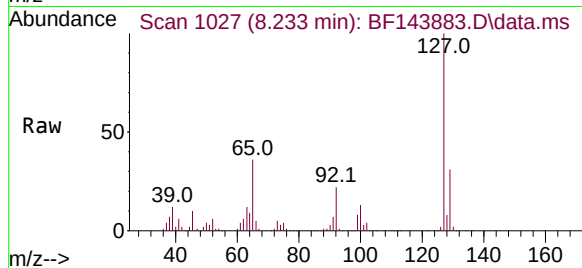
#33
4-Chloroaniline
Concen: 41.950 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

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

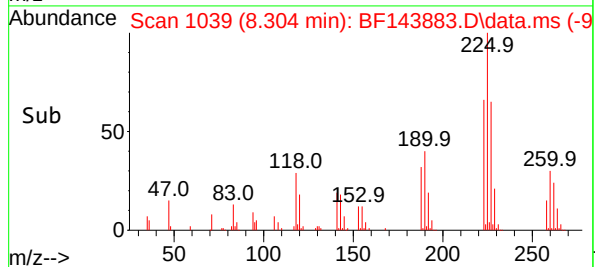
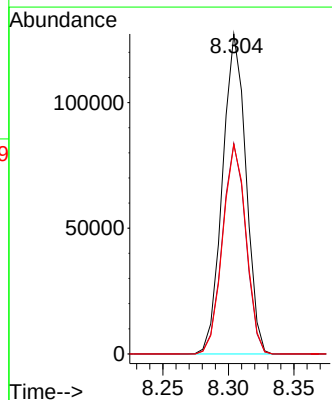
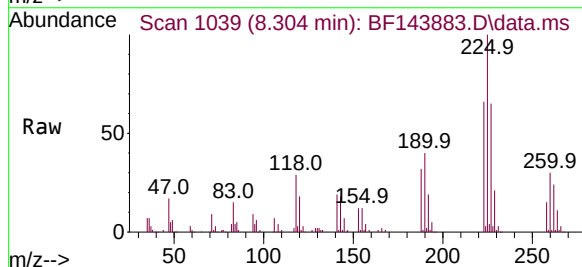
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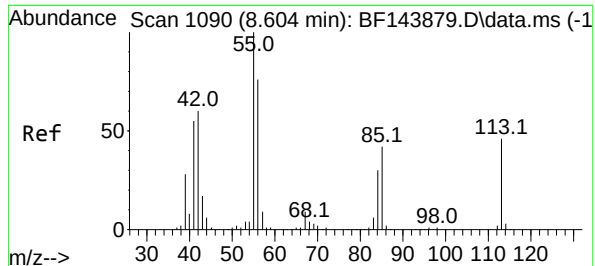
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





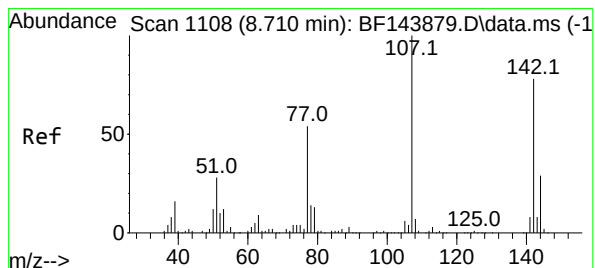
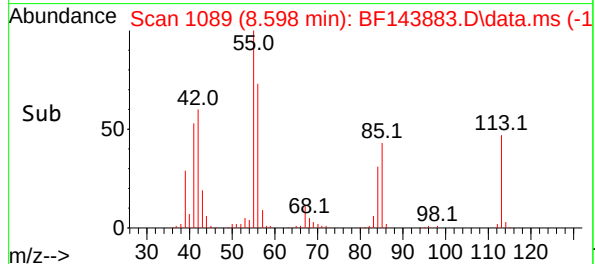
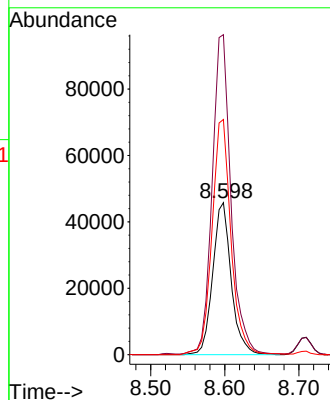
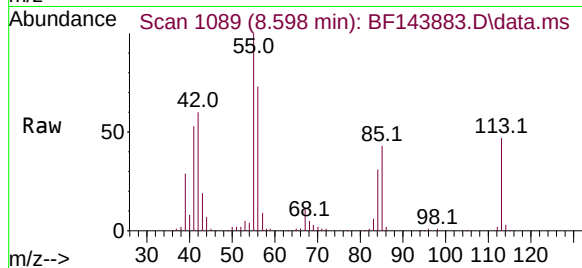
#35
Caprolactam
Concen: 37.736 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:113 Resp: 79102
Ion Ratio Lower Upper
113 100
55 210.6 199.6 239.6
56 154.8 146.0 186.0

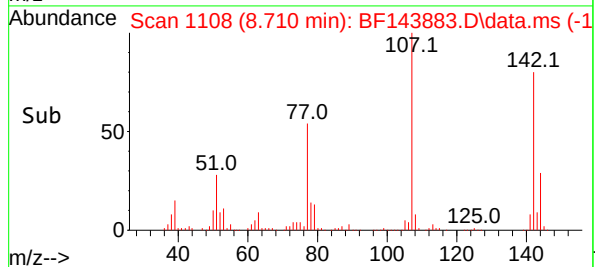
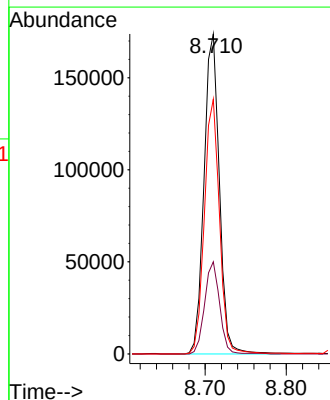
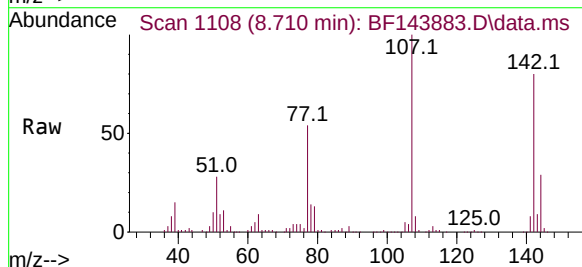
Manual Integrations
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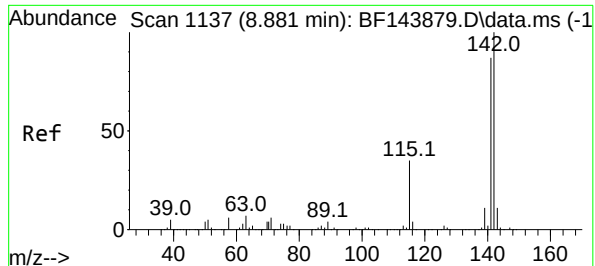
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

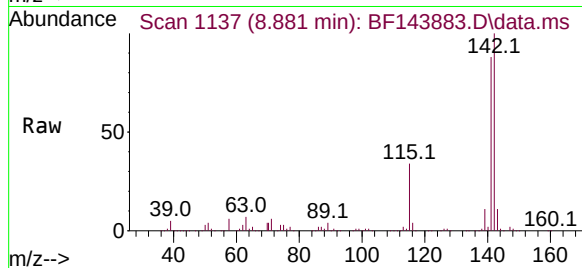
Tgt Ion:107 Resp: 228481
Ion Ratio Lower Upper
107 100
144 28.8 23.1 34.7
142 79.6 62.6 94.0





#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

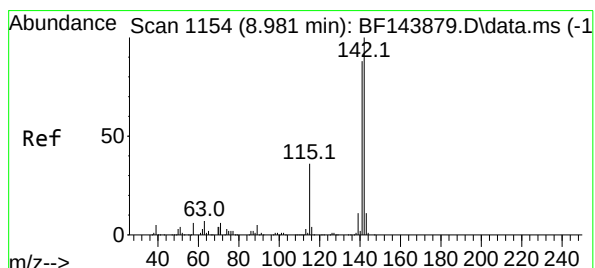
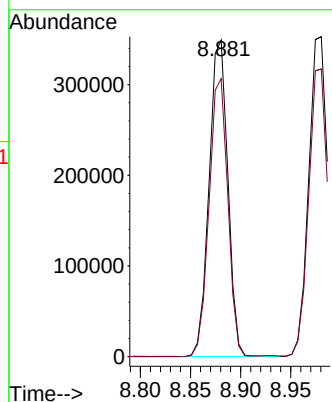
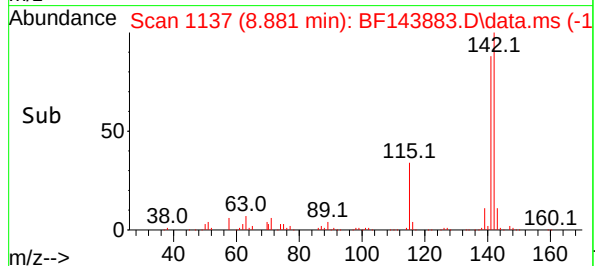
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:142 Resp: 452442
Ion Ratio Lower Upper
142 100
141 87.8 69.2 103.8

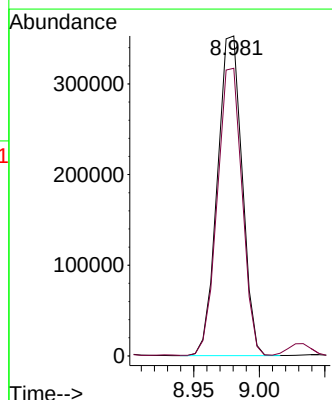
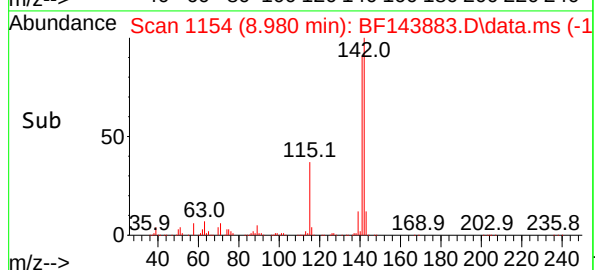
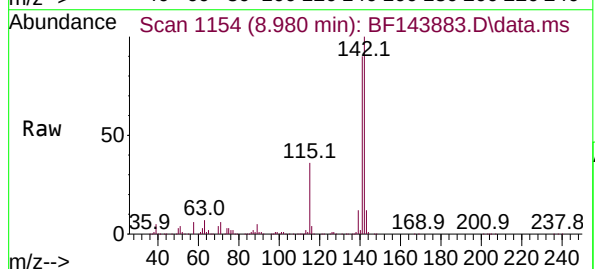
Manual Integrations
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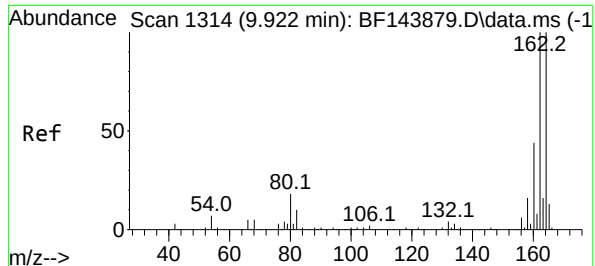
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

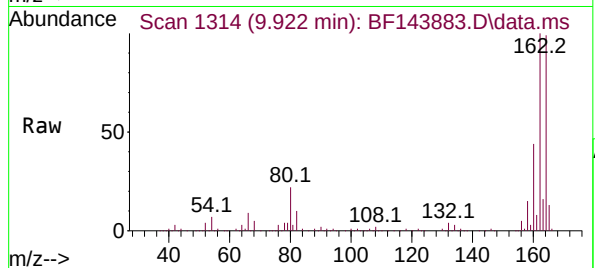
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



Tgt Ion:164 Resp: 247780

Ion Ratio Lower Upper

164 100

162 100.9 80.2 120.2

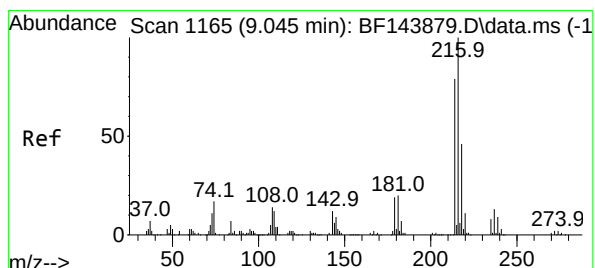
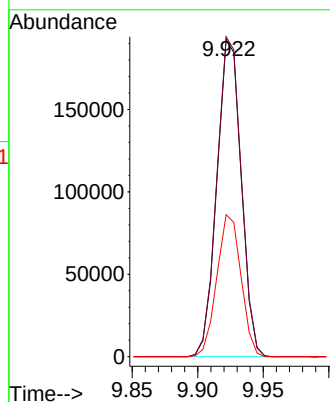
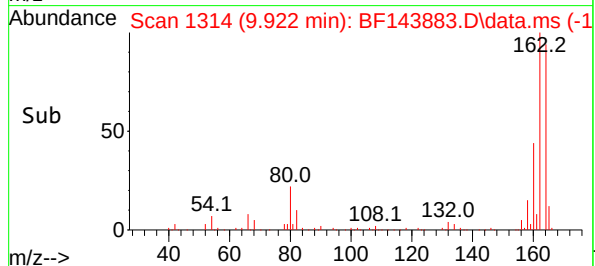
160 44.7 35.4 53.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#40

1,2,4,5-Tetrachlorobenzene

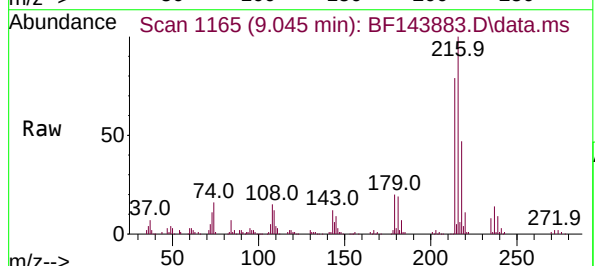
Concen: 37.122 ng

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

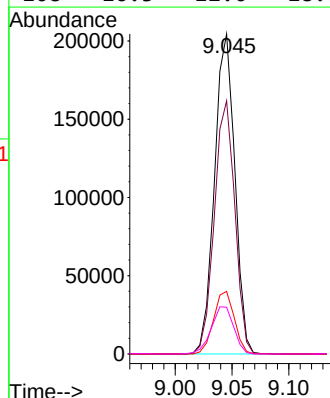
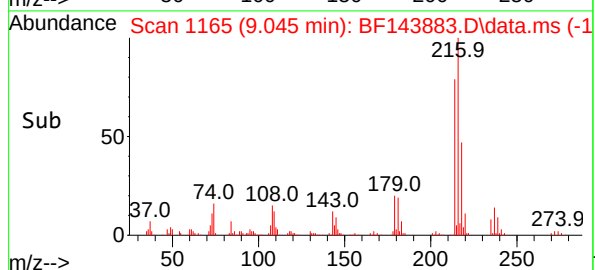
Ion Ratio Lower Upper

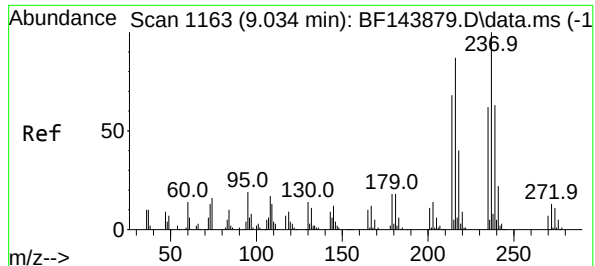
216 100

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

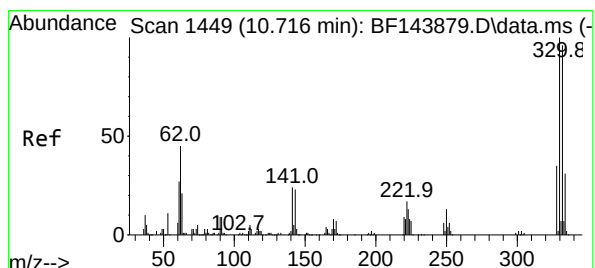
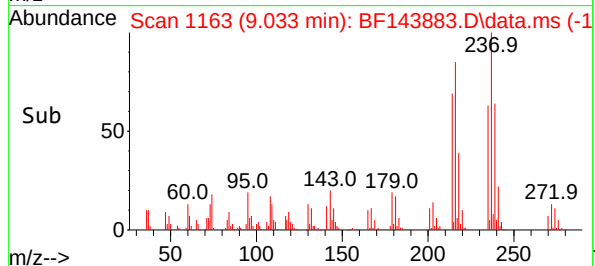
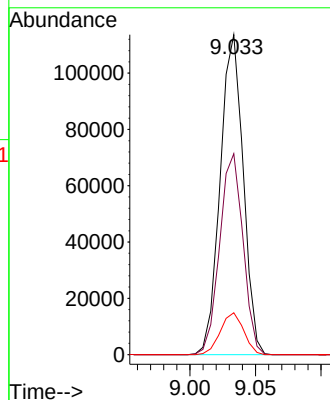
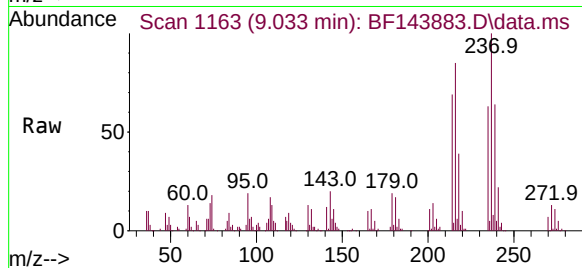
Tgt Ion:	237	Resp:	139168
Ion Ratio	Lower	Upper	
237	100		
235	62.8	42.3	82.3
272	13.1	0.0	33.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#42

2,4,6-Tribromophenol

Concen: 71.685 ng

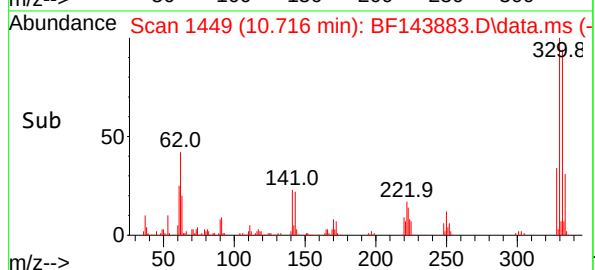
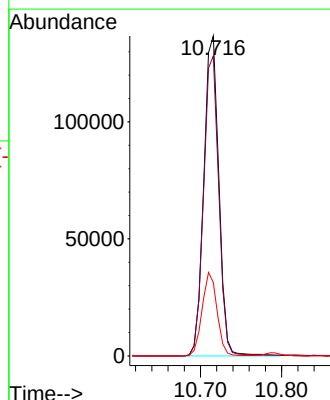
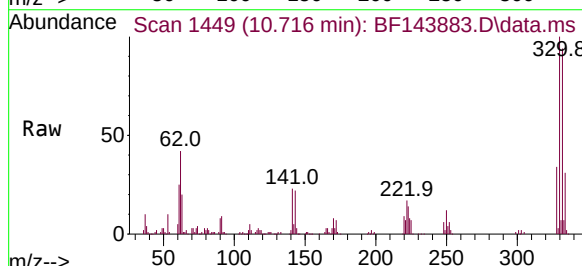
RT: 10.716 min Scan# 1449

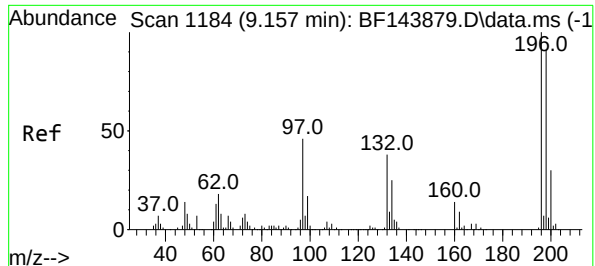
Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:	330	Resp:	176914
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

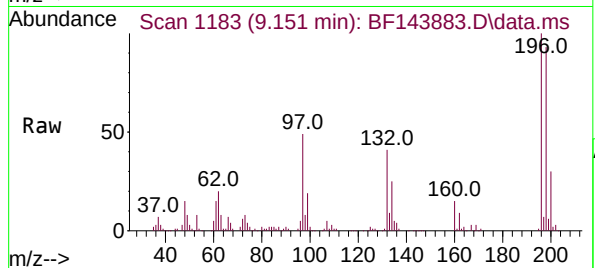
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



Tgt Ion:196 Resp: 183769

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

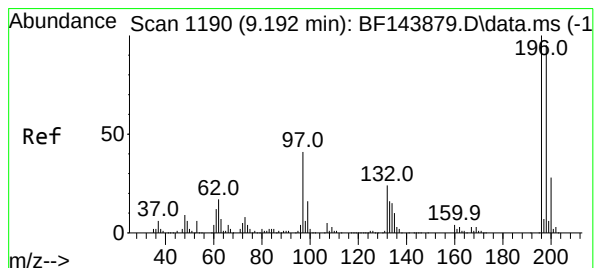
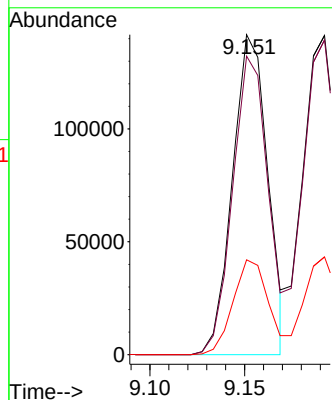
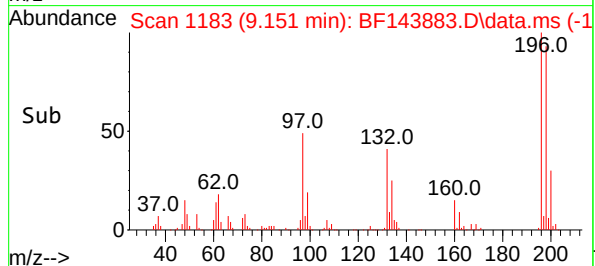
200 29.6 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#44

2,4,5-Trichlorophenol

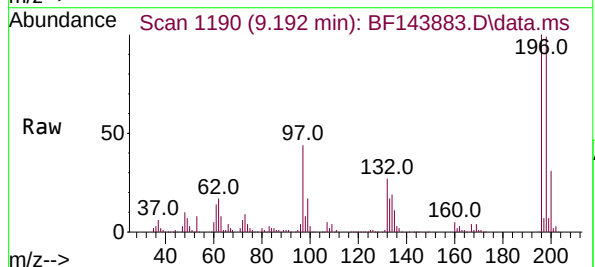
Concen: 35.194 ng

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

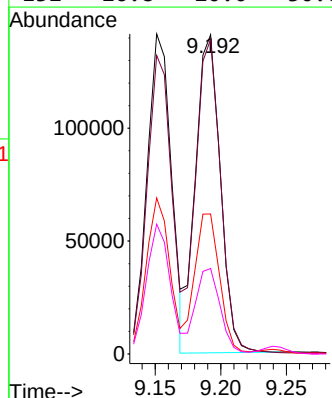
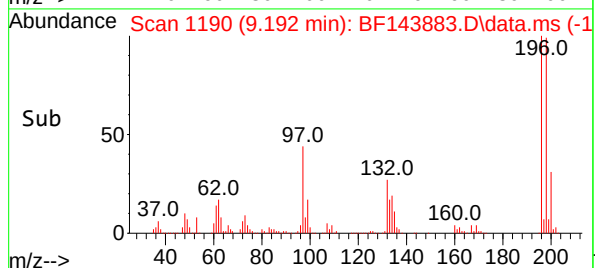
Ion Ratio Lower Upper

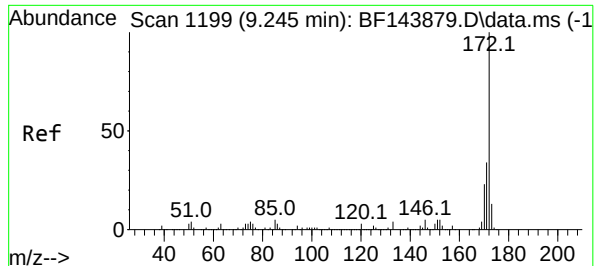
196 100

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: 105594

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

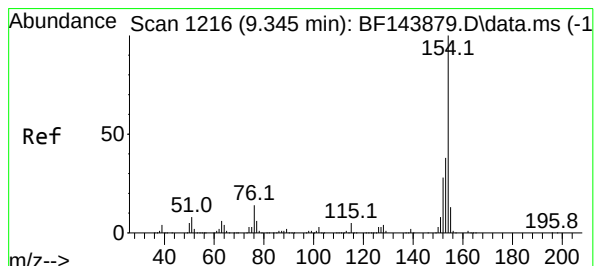
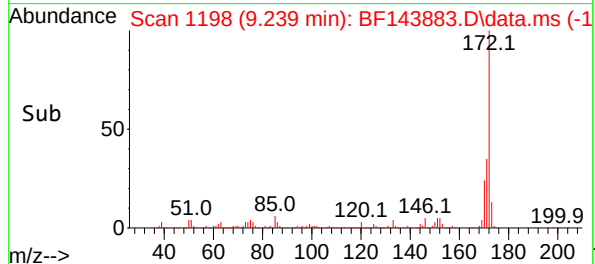
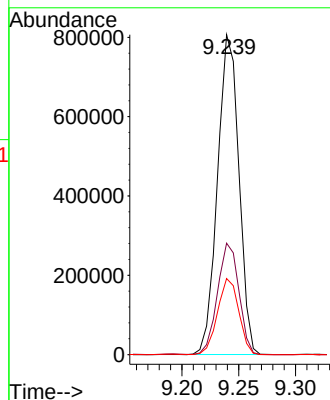
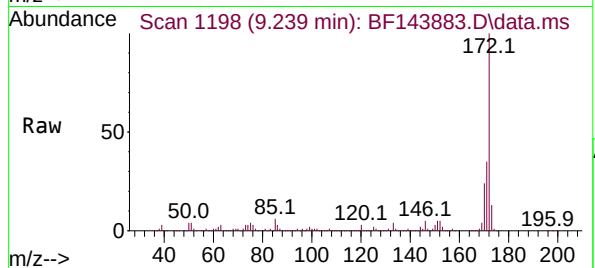
170 23.8 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

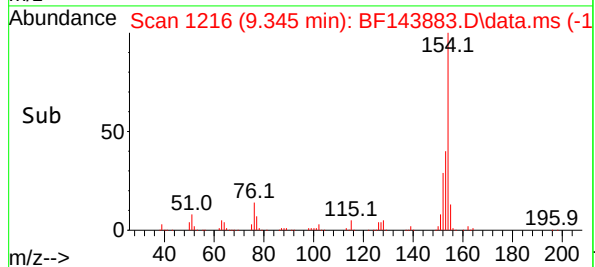
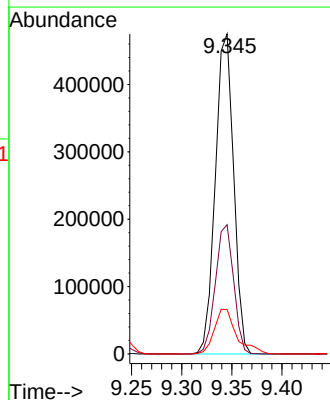
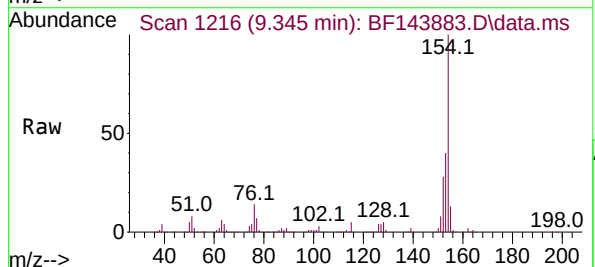
Tgt Ion:154 Resp: 603213

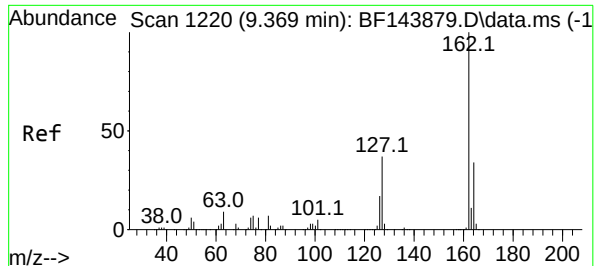
Ion Ratio Lower Upper

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

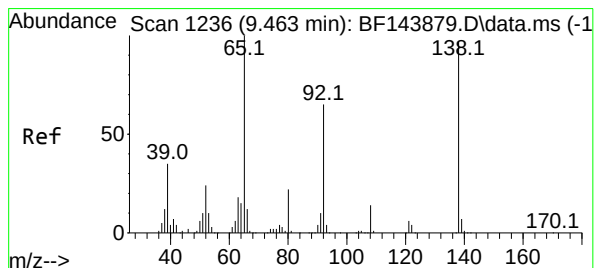
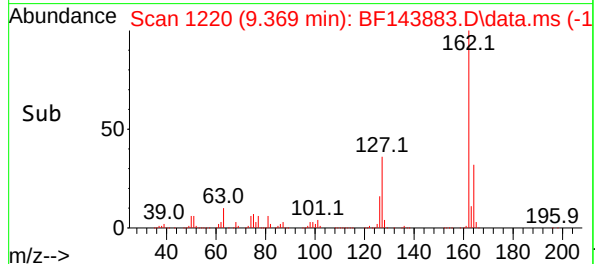
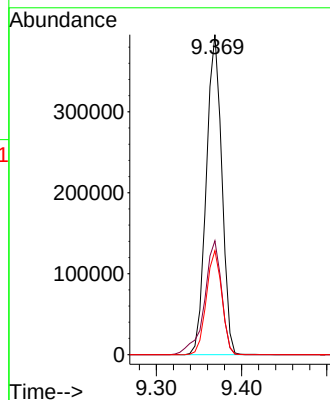
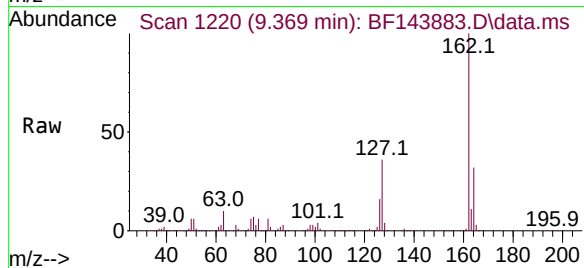
164 32.5 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

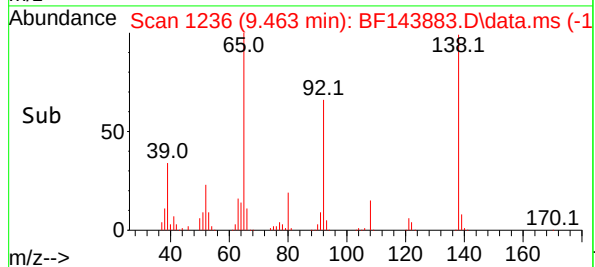
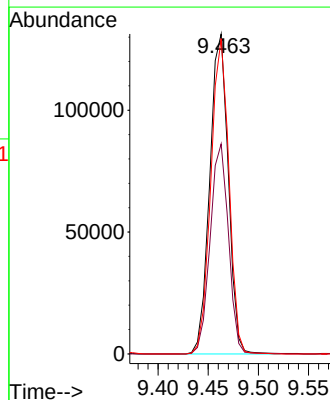
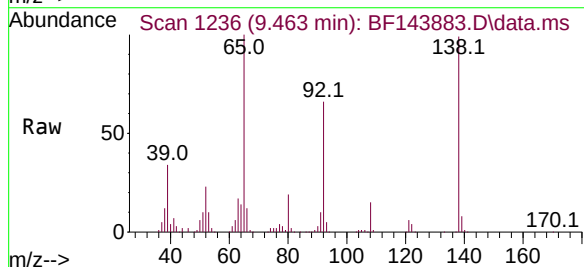
Tgt Ion: 65 Resp: 168191

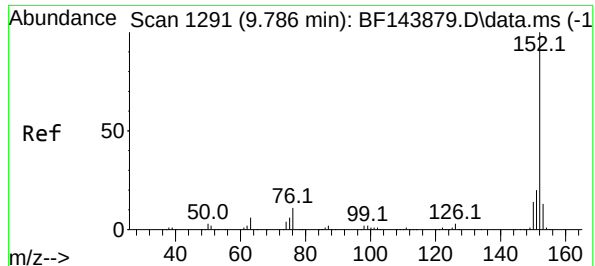
Ion Ratio Lower Upper

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

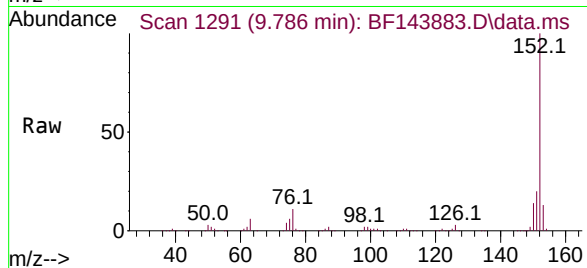
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625



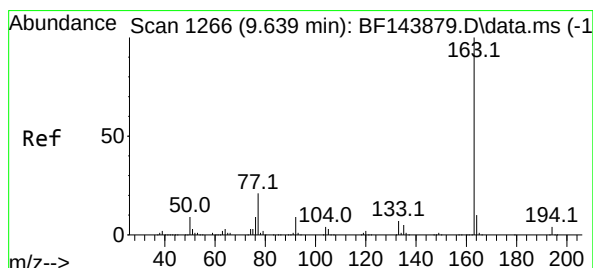
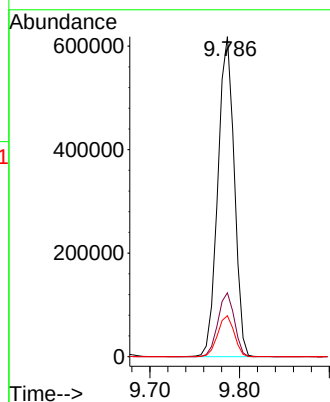
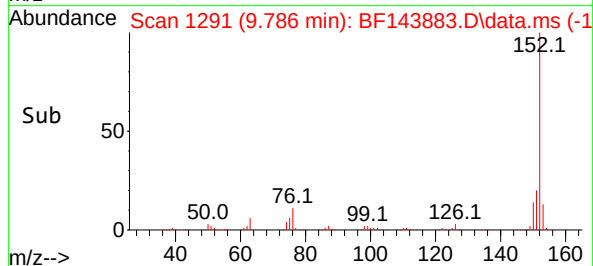
Tgt Ion:152	Resp: 78569
Ion Ratio	Lower Upper
152	100
151	19.9 15.8 23.6
153	12.8 10.5 15.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#50

Dimethylphthalate

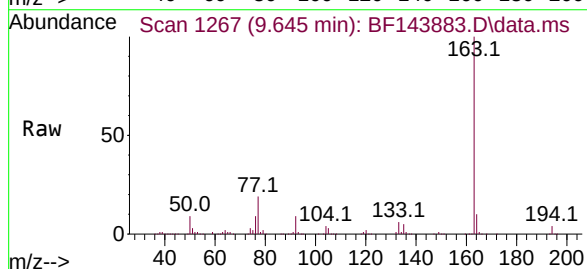
Concen: 35.968 ng

RT: 9.645 min Scan# 1267

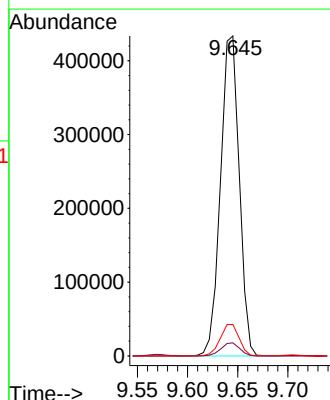
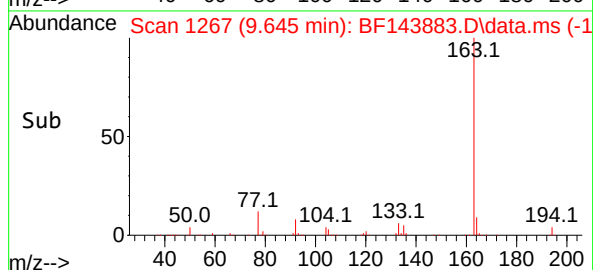
Delta R.T. 0.000 min

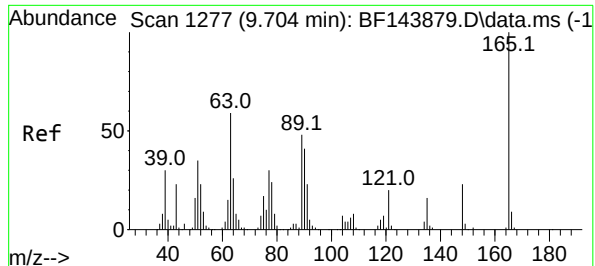
Lab File: BF143883.D

Acq: 06 Oct 2025 16:08



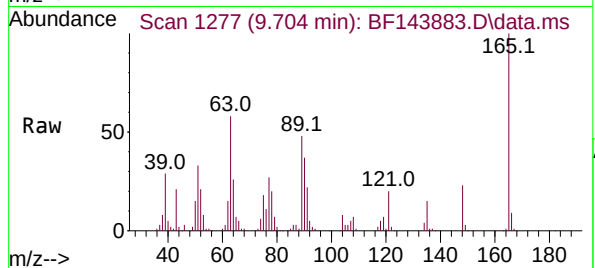
Tgt Ion:163	Resp: 565953
Ion Ratio	Lower Upper
163	100
194	4.1 3.3 4.9
164	9.8 8.1 12.1





#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

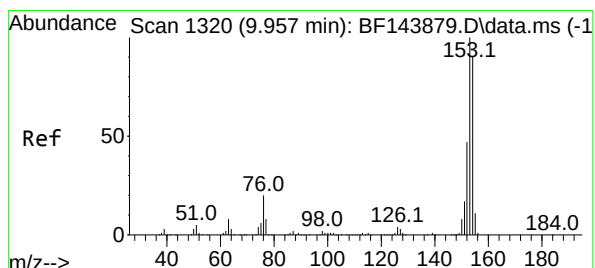
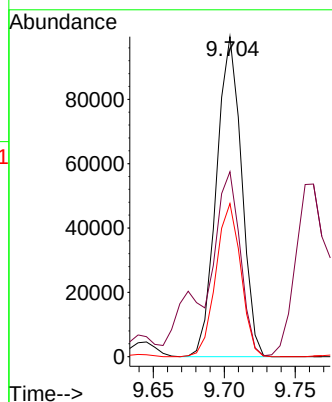
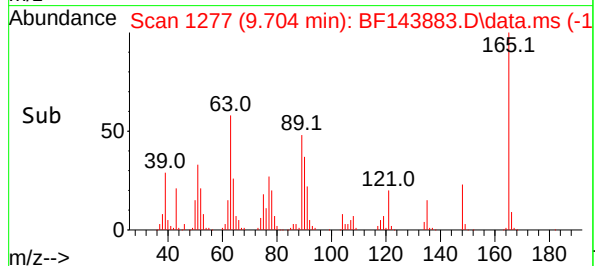
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

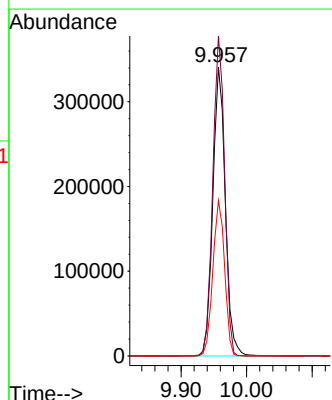
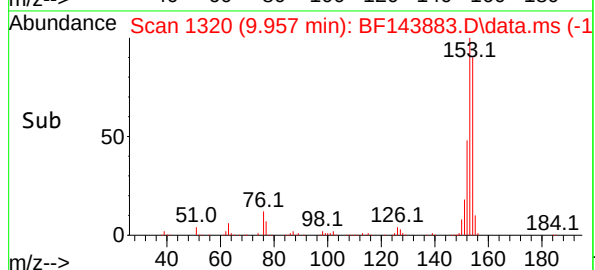
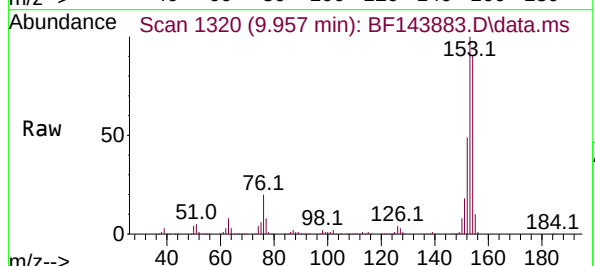
Manual Integrations
APPROVED

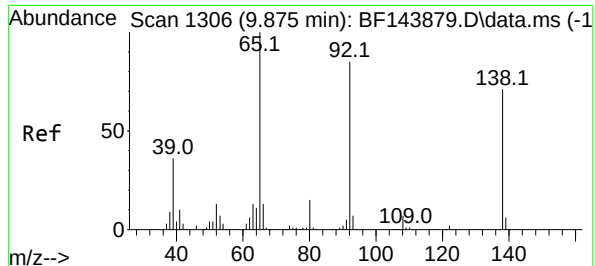
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





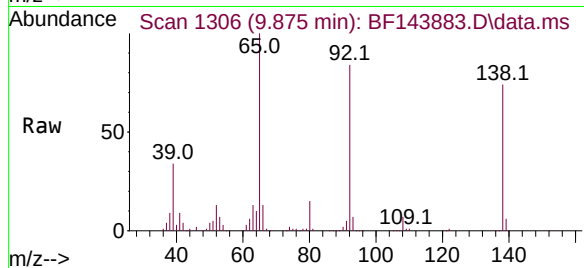
#53
3-Nitroaniline
Concen: 40.493 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

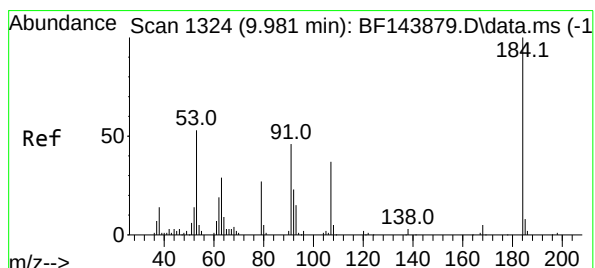
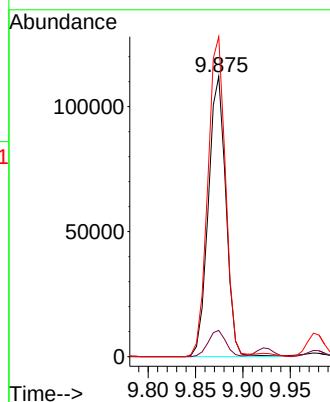
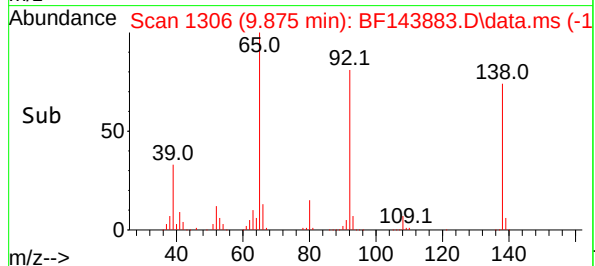


Tgt Ion:138 Resp: 144668
Ion Ratio Lower Upper
138 100
108 9.3 8.3 12.5
92 114.2 96.2 144.2

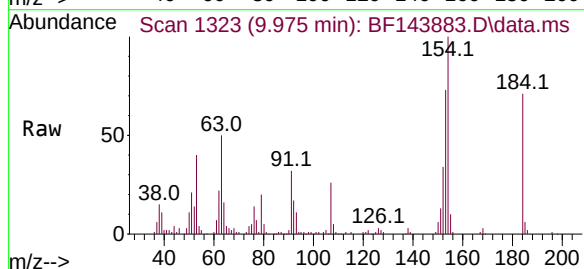
Manual Integrations

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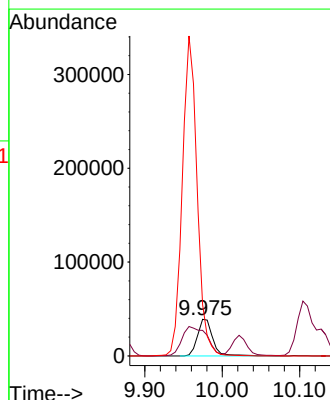
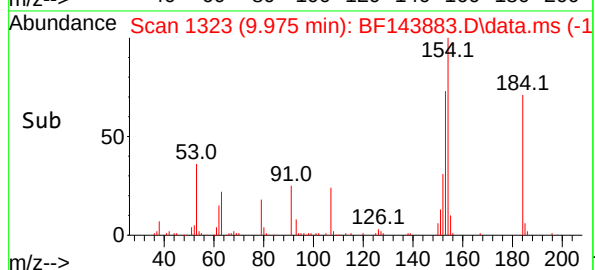
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

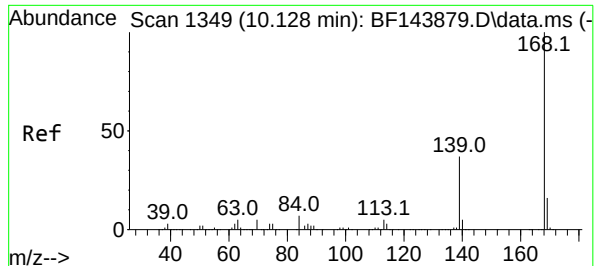


#54
2,4-Dinitrophenol
Concen: 33.731 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



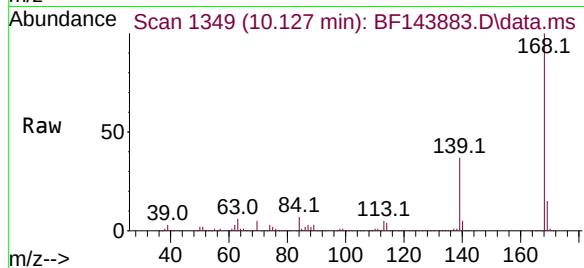
Tgt Ion:184 Resp: 52796
Ion Ratio Lower Upper
184 100
63 70.0 48.2 72.4
154 140.2 49.2 73.8#





#55
Dibenzenofuran
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

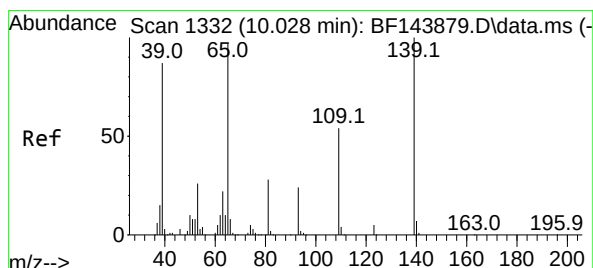
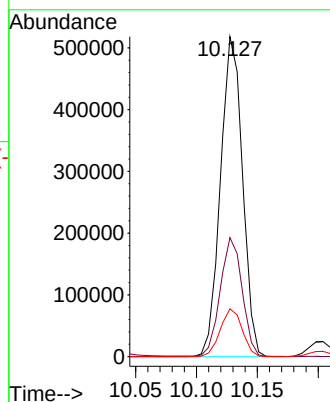
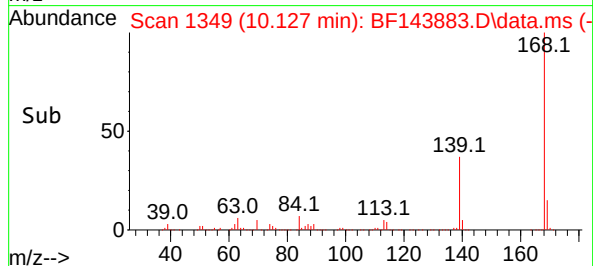
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

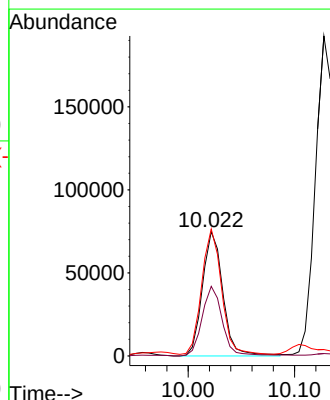
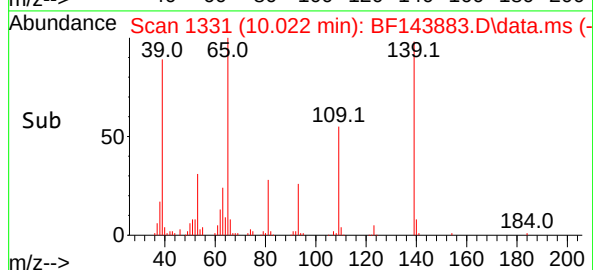
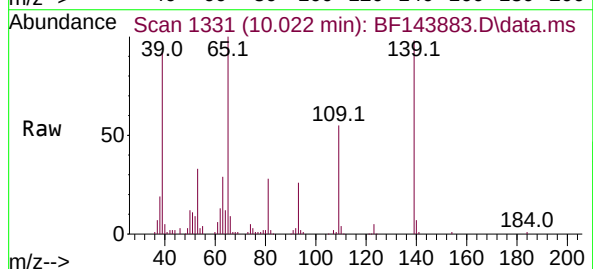
Manual Integrations
APPROVED

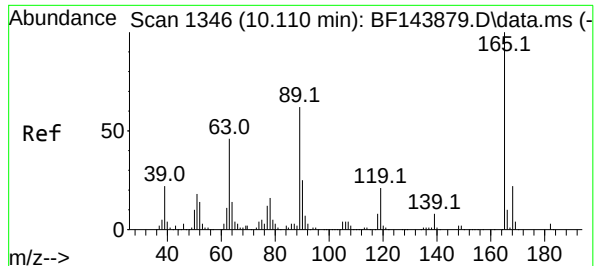
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





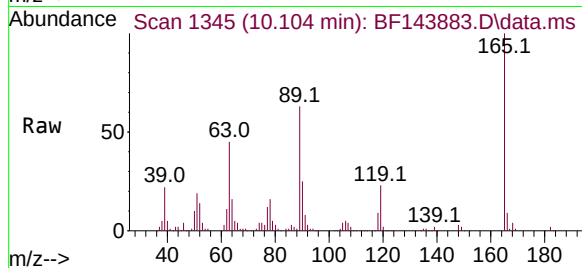
#57
2,4-Dinitrotoluene
Concen: 41.169 ng
RT: 10.104 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

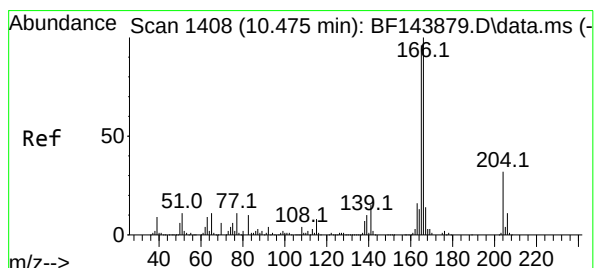
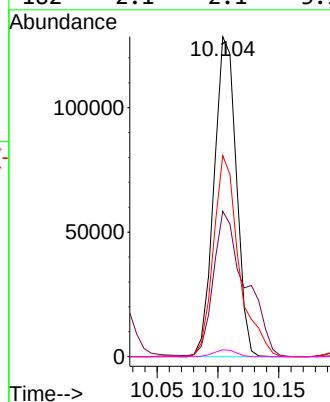
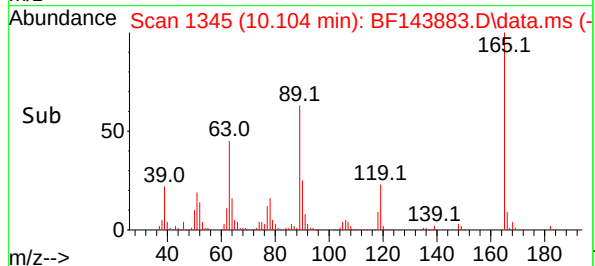


Tgt Ion:165 Resp: 163440
Ion Ratio Lower Upper
165 100
63 45.4 37.2 55.8
89 62.8 49.4 74.2
182 2.1 2.1 3.1

Manual Integrations

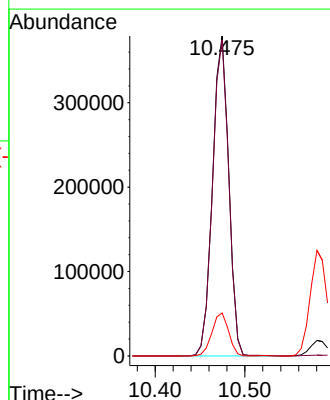
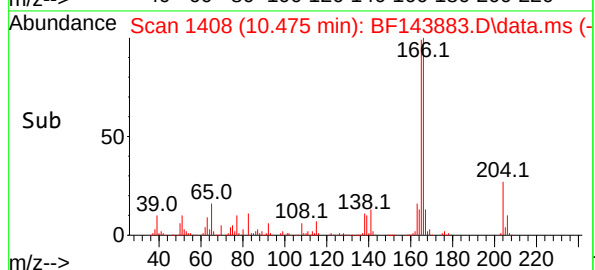
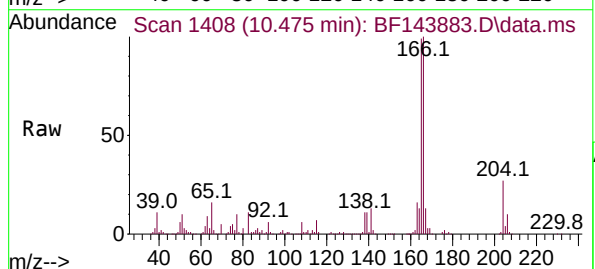
APPROVED

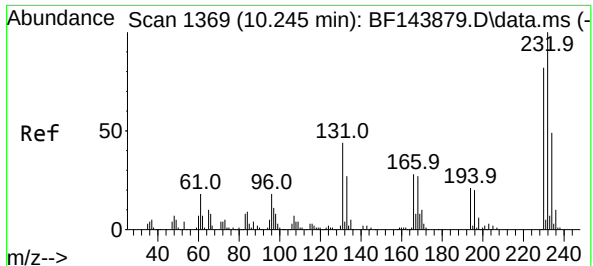
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

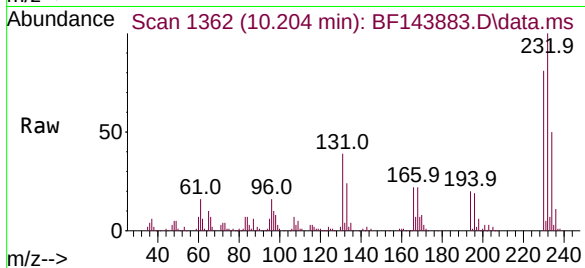
Tgt Ion:166 Resp: 476811
Ion Ratio Lower Upper
166 100
165 98.7 77.0 115.6
167 13.4 11.1 16.7





#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

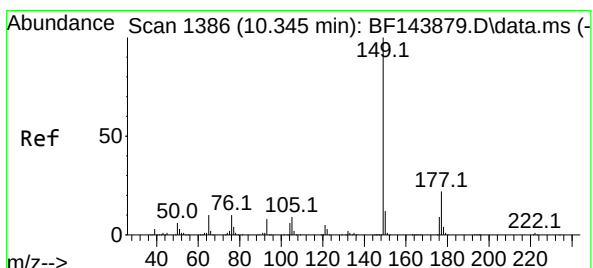
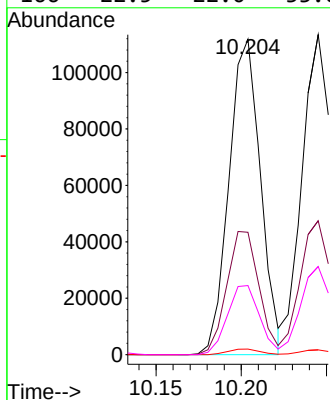
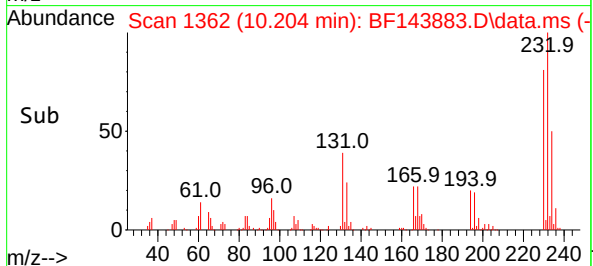
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

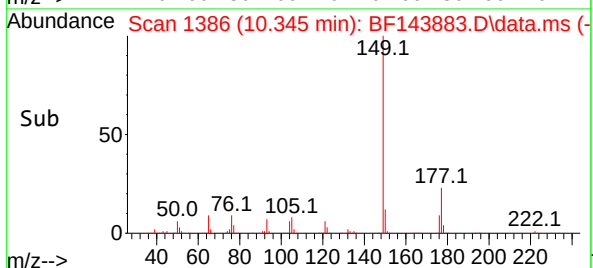
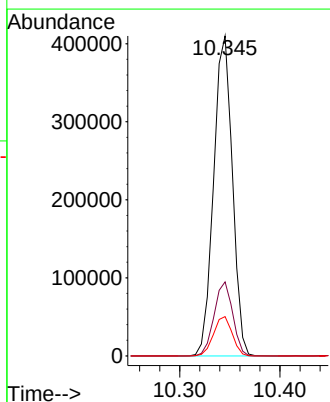
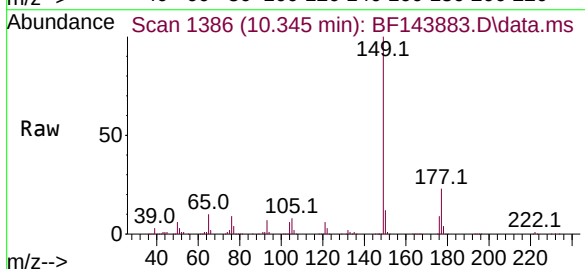
Manual Integrations
APPROVED

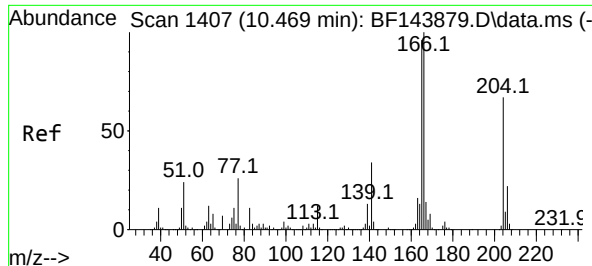
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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





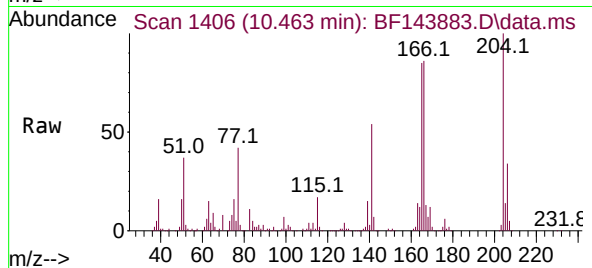
#61
4-Chlorophenyl-phenylether
Concen: 36.113 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

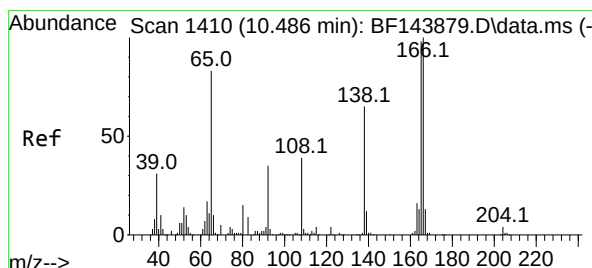
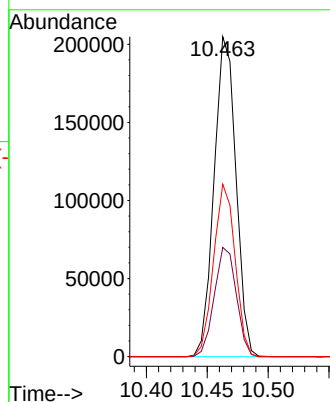
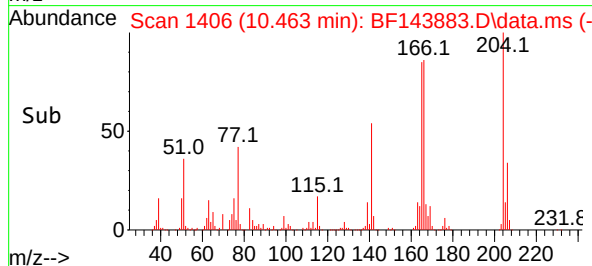


Tgt Ion:204 Resp: 25624
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 53.9 40.4 60.6

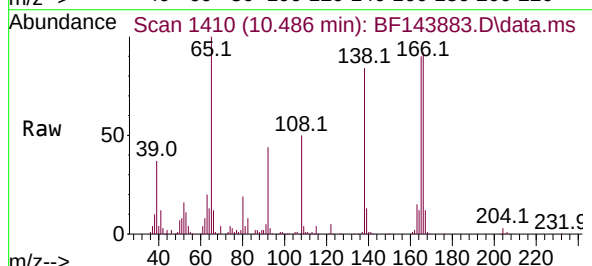
Manual Integrations

APPROVED

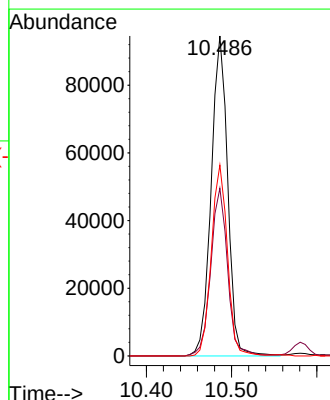
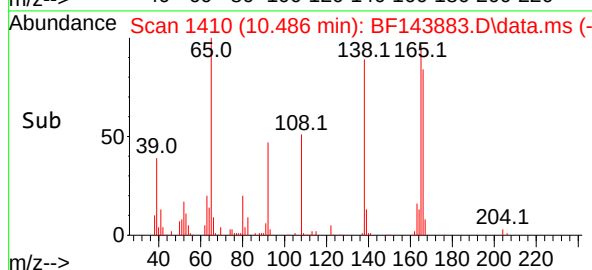
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

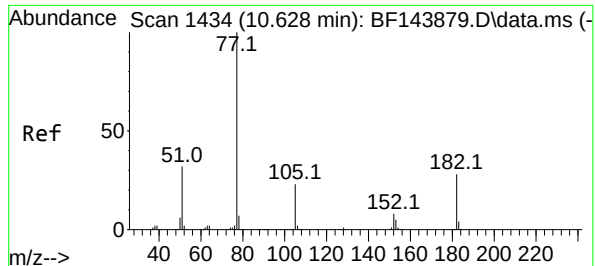


#62
4-Nitroaniline
Concen: 37.074 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



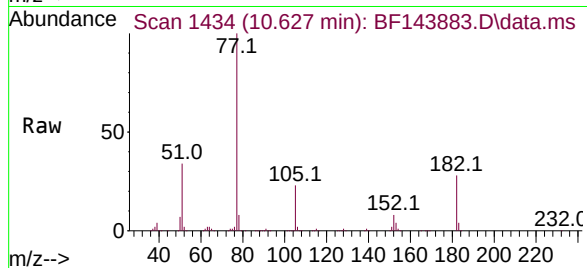
Tgt Ion:138 Resp: 127369
Ion Ratio Lower Upper
138 100
92 52.4 33.9 73.9
108 59.6 40.2 80.2





#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

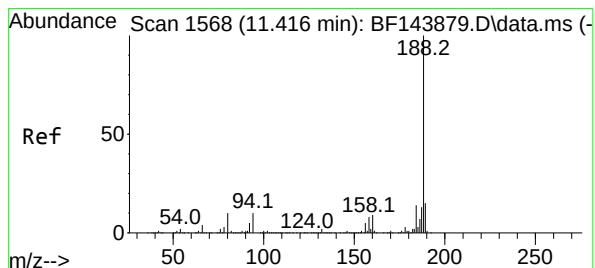
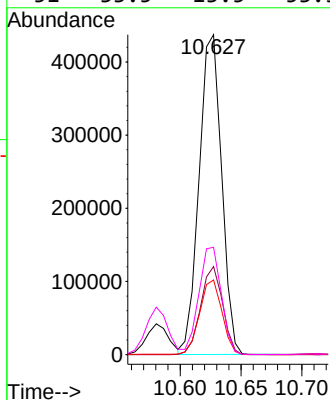
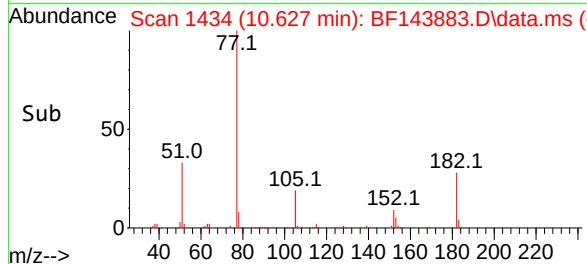
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



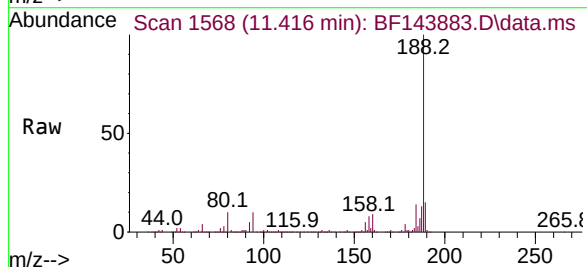
Tgt Ion: 77 Resp: 56278
Ion Ratio Lower Upper
77 100
182 27.5 7.3 47.3
105 23.3 3.0 43.0
51 33.5 13.5 53.5

Manual Integrations
APPROVED

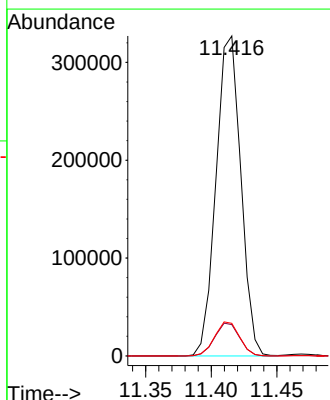
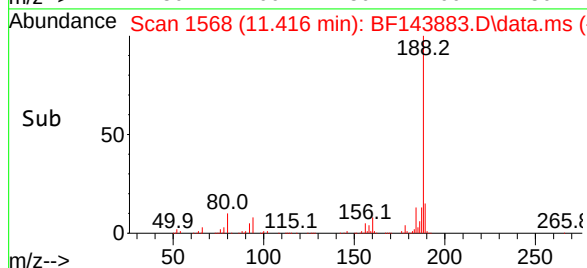
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

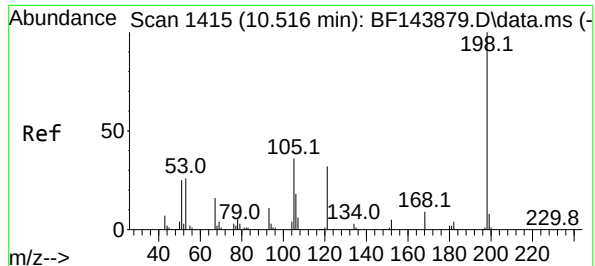


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



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





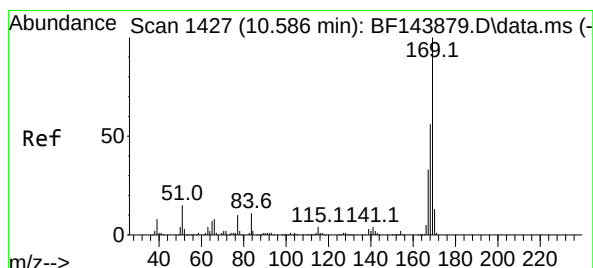
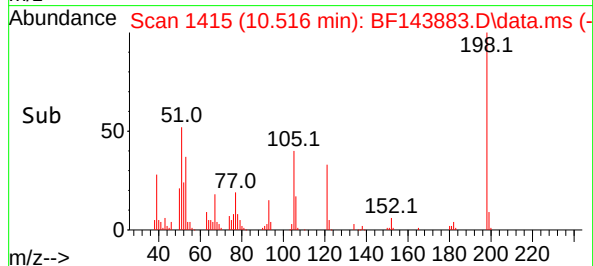
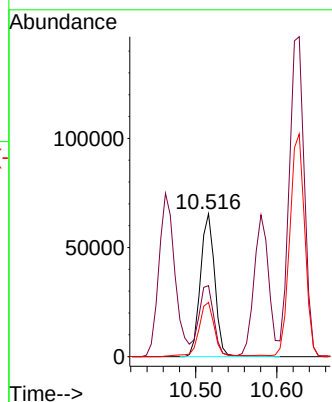
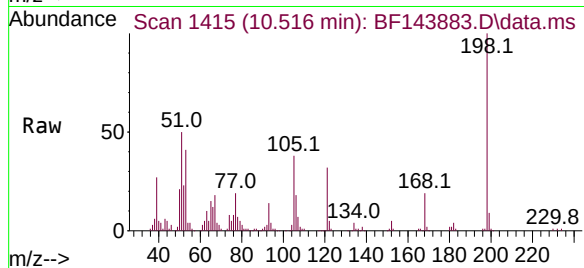
#65
4,6-Dinitro-2-methylphenol
Concen: 37.083 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:198 Resp: 80422
Ion Ratio Lower Upper
198 100
51 49.7 33.8 73.8
105 37.9 17.0 57.0

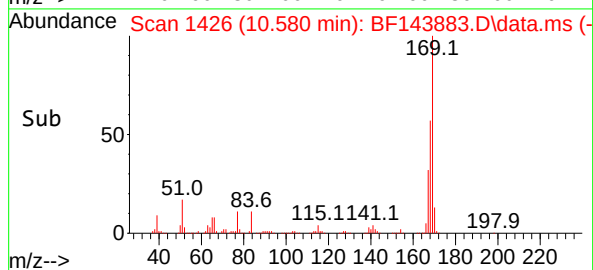
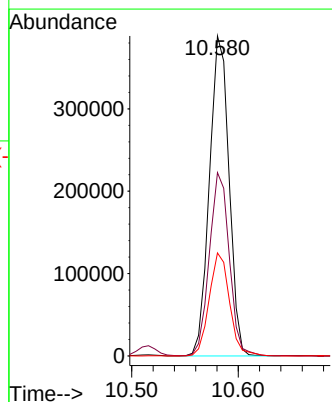
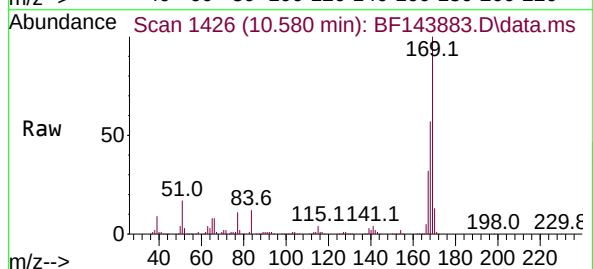
Manual Integrations
APPROVED

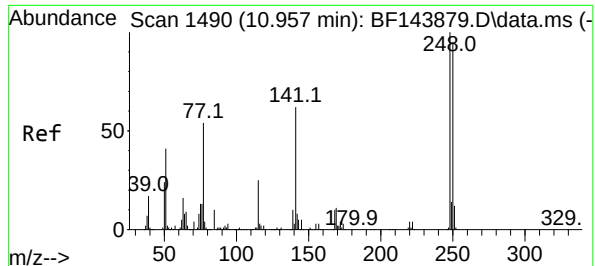
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

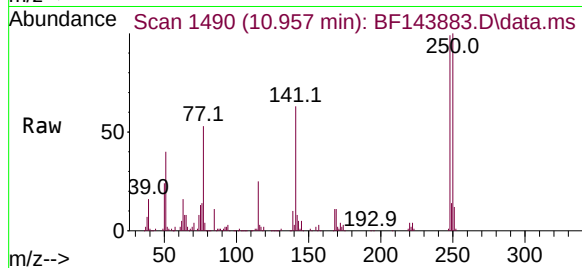
Tgt Ion:169 Resp: 496618
Ion Ratio Lower Upper
169 100
168 57.3 44.9 67.3
167 32.2 26.3 39.5





#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

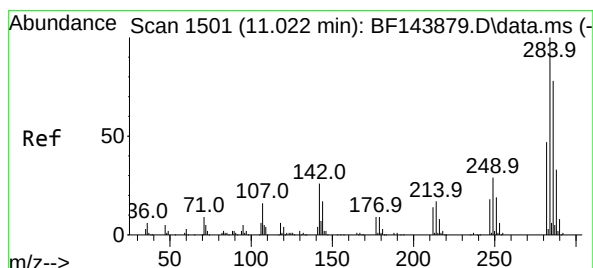
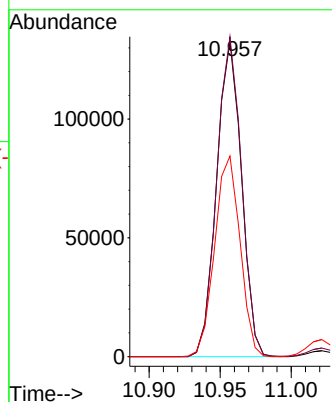
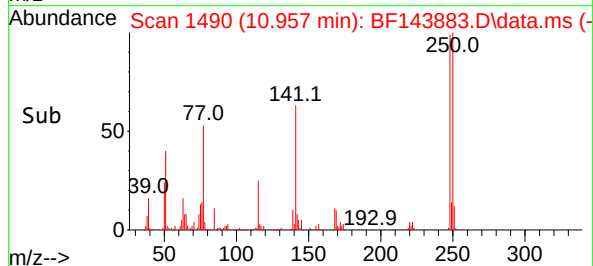
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



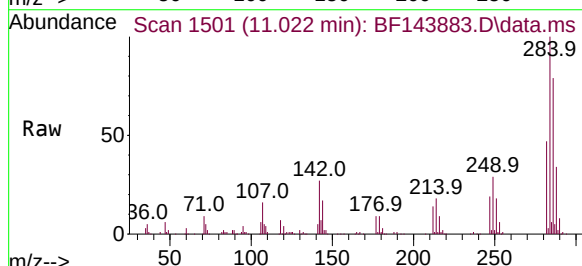
Tgt Ion:248 Resp: 162033
Ion Ratio Lower Upper
248 100
250 101.4 76.3 114.5
141 63.6 49.7 74.5

Manual Integrations
APPROVED

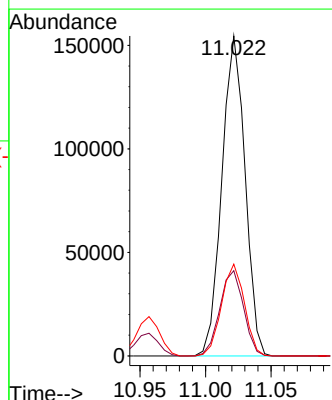
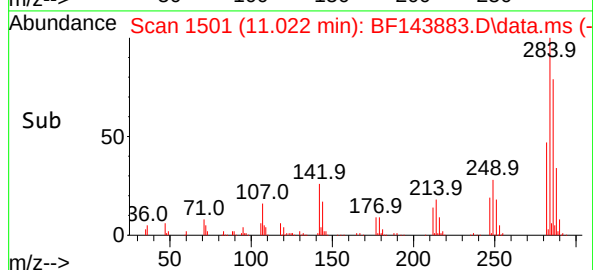
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

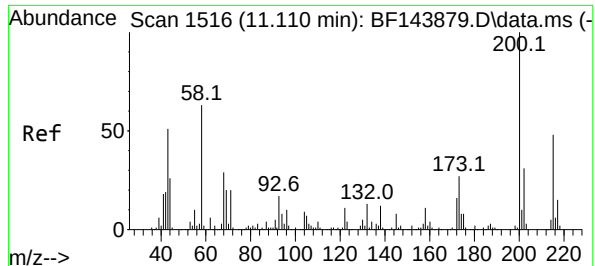


#68
Hexachlorobenzene
Concen: 34.415 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



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

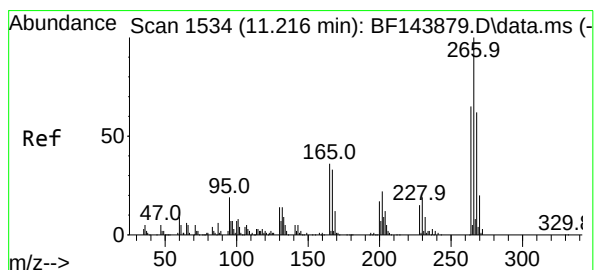
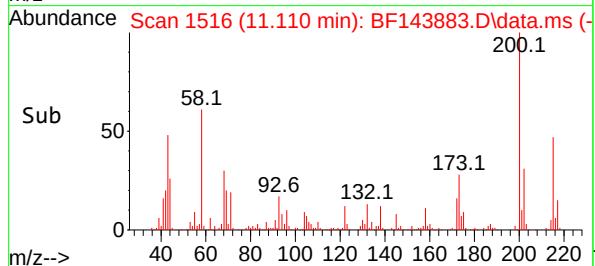
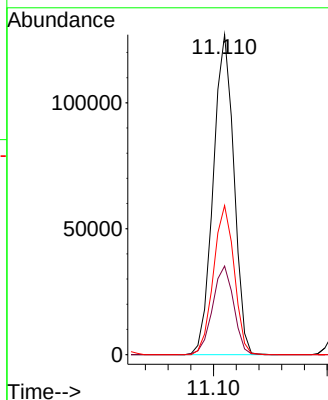
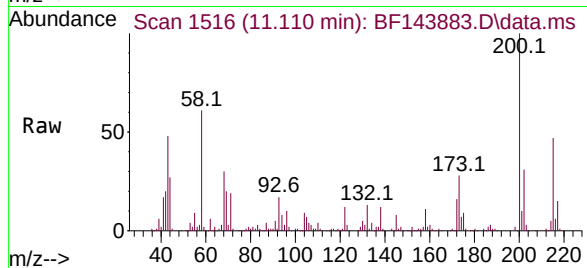
215 46.6 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

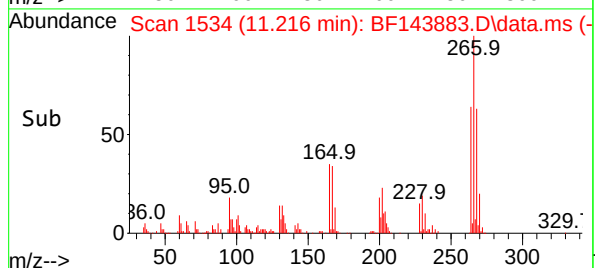
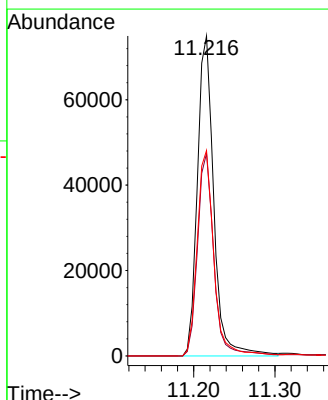
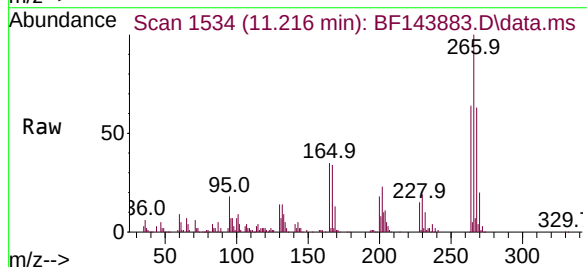
Tgt Ion:266 Resp: 104958

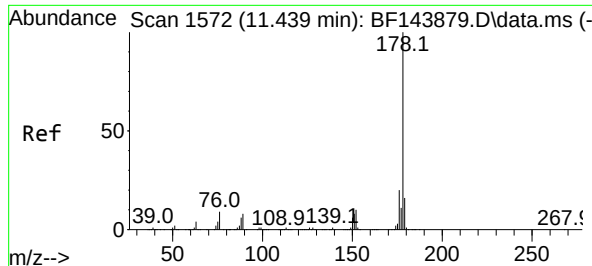
Ion Ratio Lower Upper

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 :

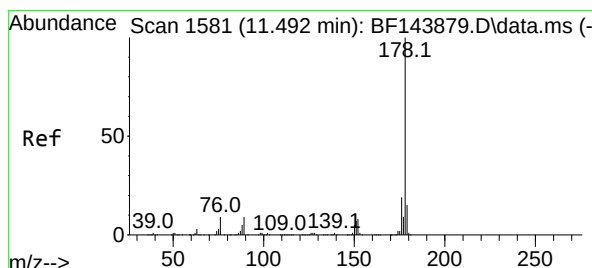
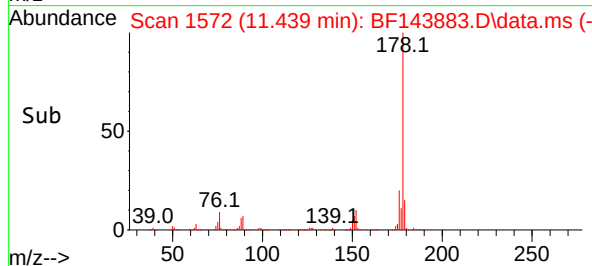
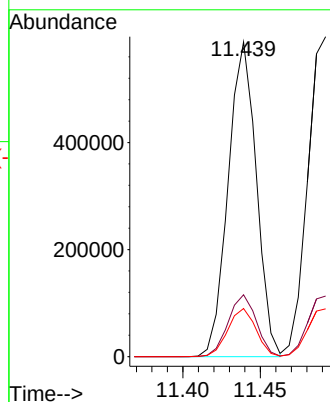
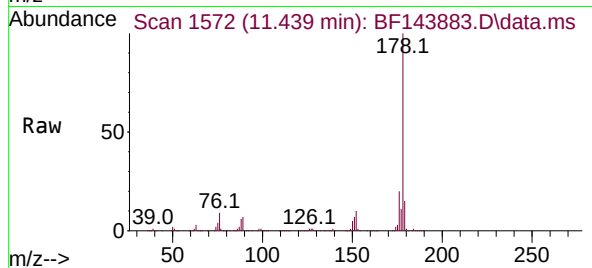
ICVBF100625

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

Manual Integrations

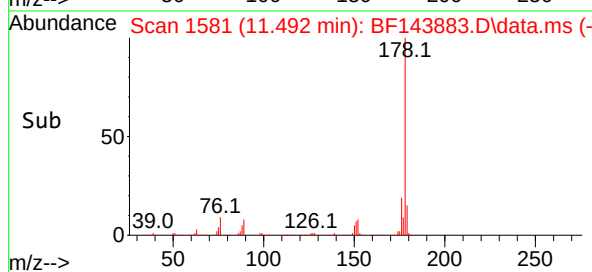
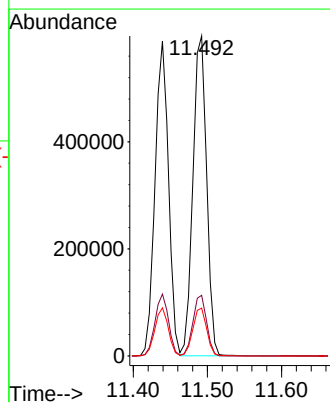
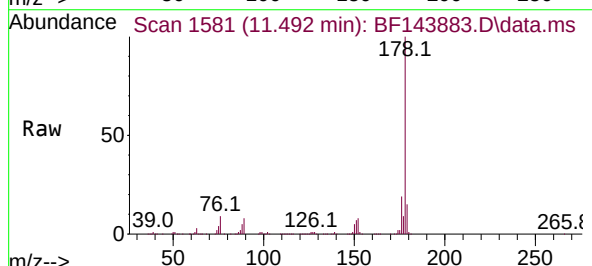
APPROVED

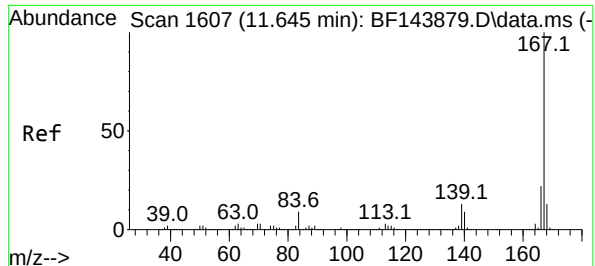
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

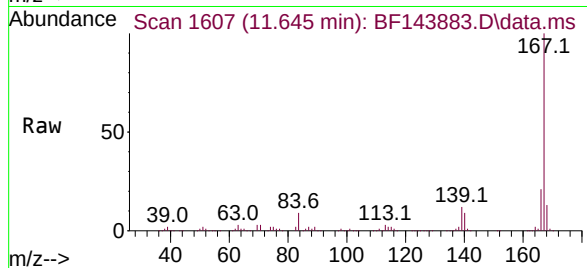
Tgt Ion:178 Resp: 766674
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 14.9 12.2 18.2





#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

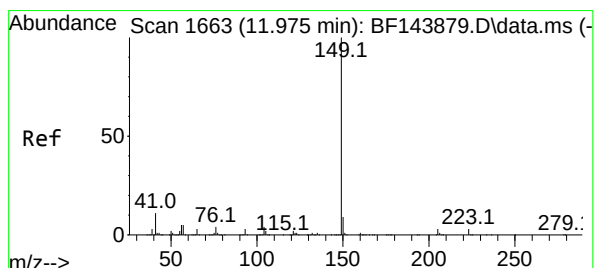
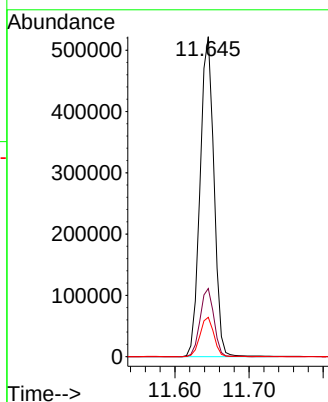
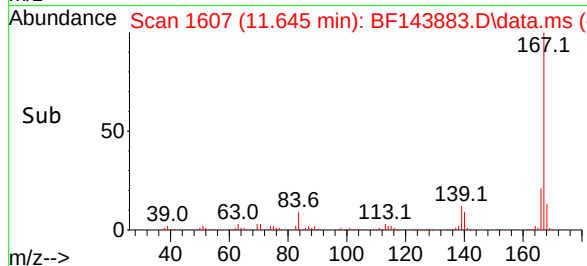
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



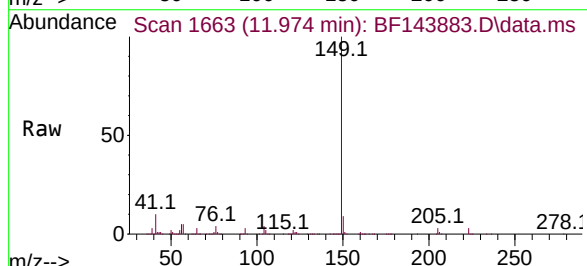
Tgt Ion:167 Resp: 678522
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.3 10.1 15.1

Manual Integrations
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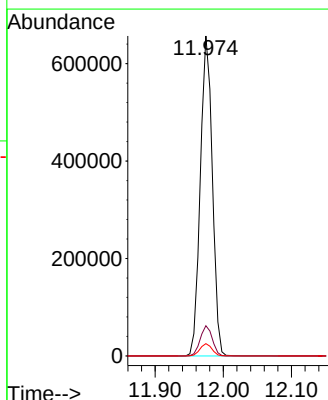
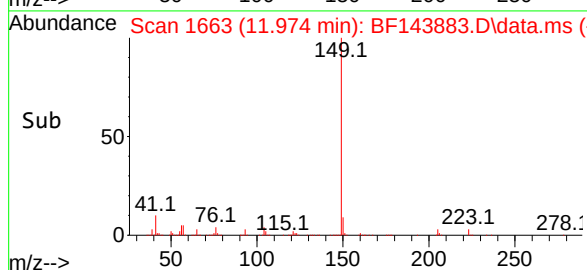
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

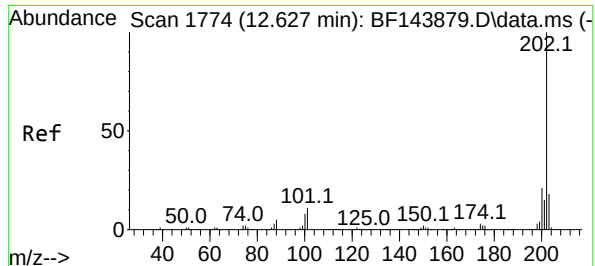


#74
Di-n-butylphthalate
Concen: 37.171 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



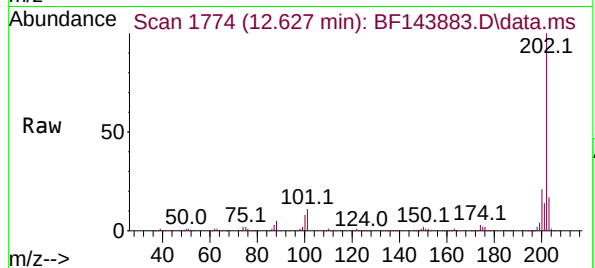
Tgt Ion:149 Resp: 806451
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 3.9 3.4 5.2





#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

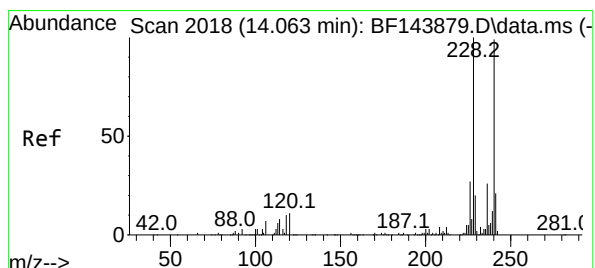
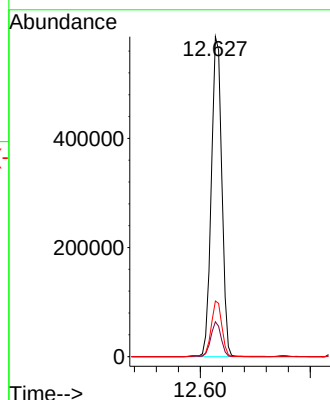
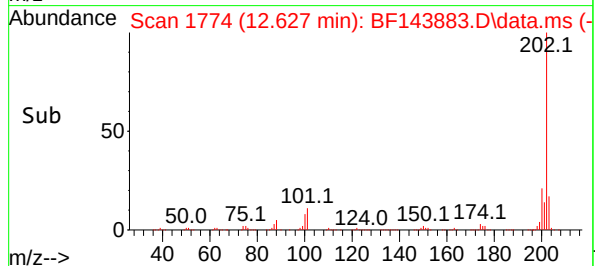
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:202 Resp: 778418
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.4 0.0 37.8

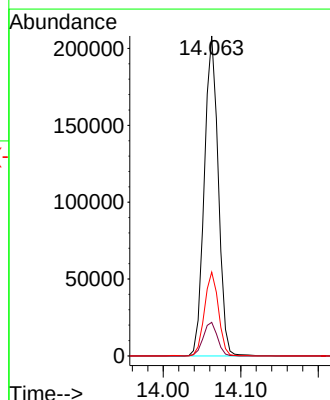
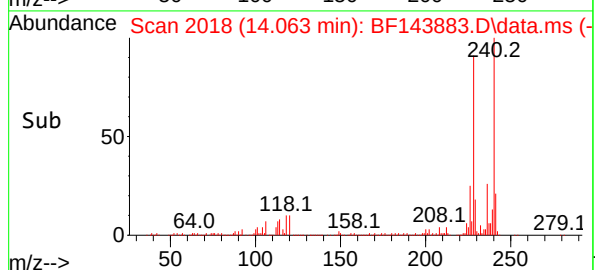
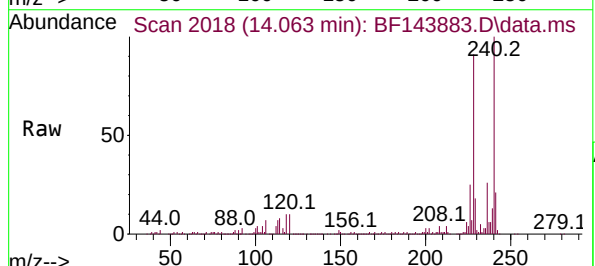
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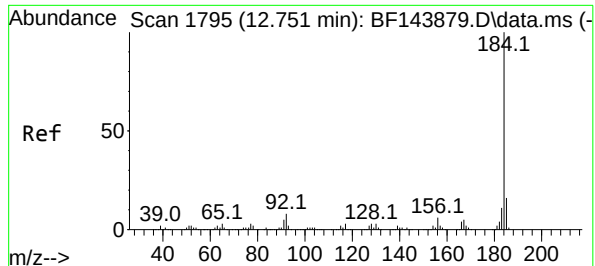
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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:240 Resp: 259802
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

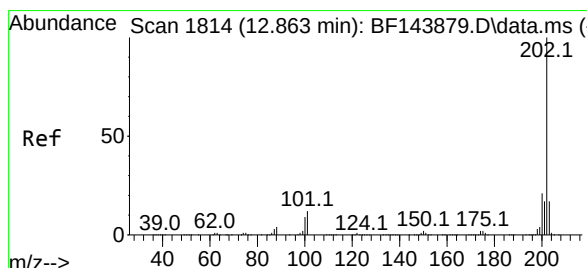
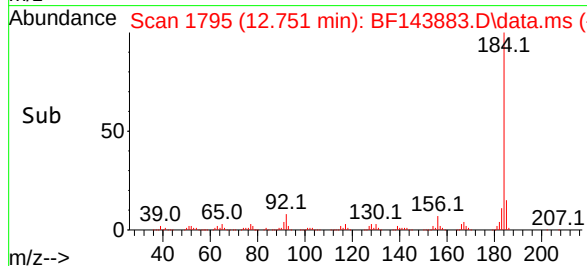
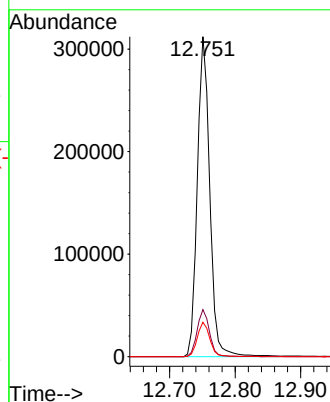
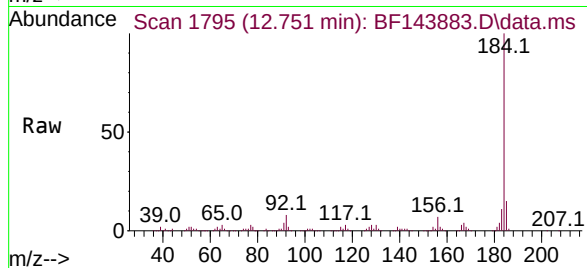
183 10.8 8.8 13.2

Manual Integrations

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Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

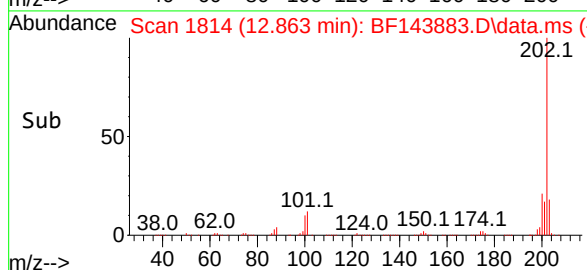
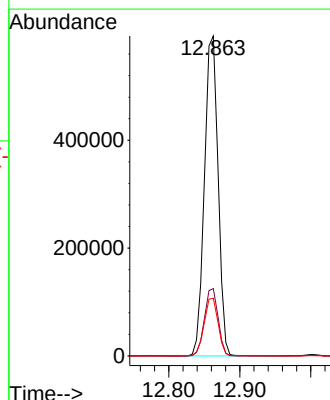
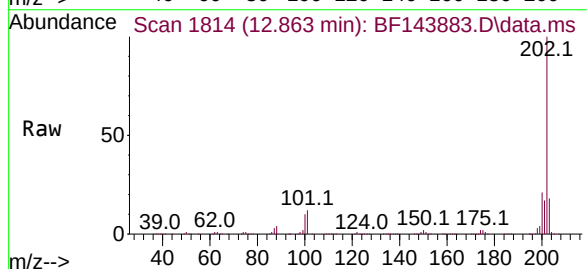
Tgt Ion:202 Resp: 789075

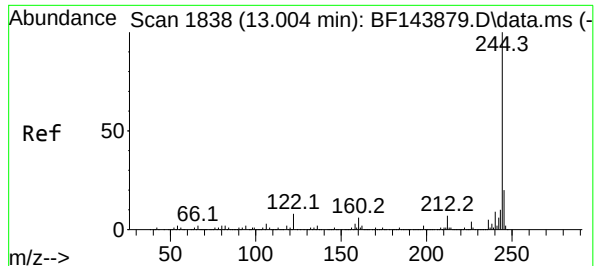
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

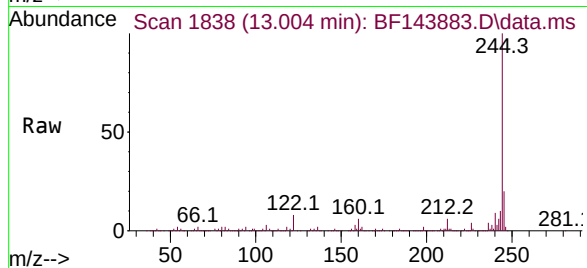
203 18.0 13.8 20.6





#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

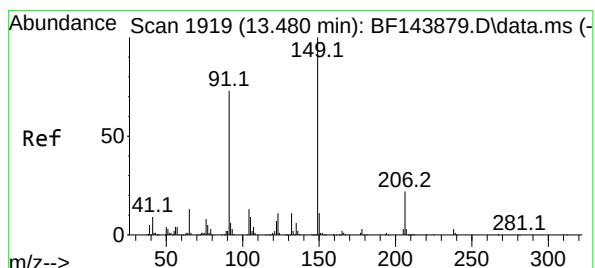
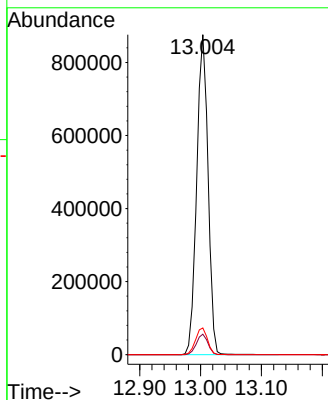
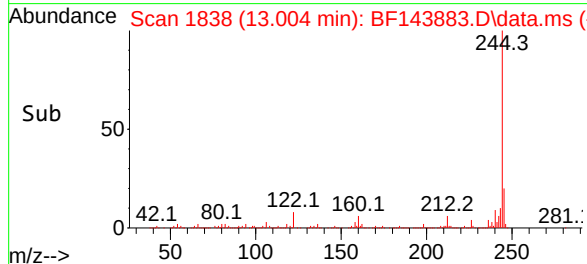
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

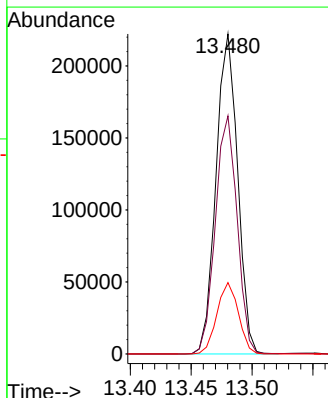
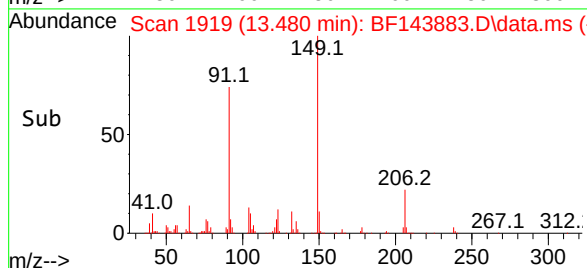
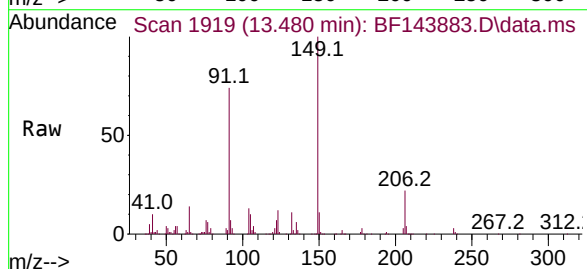
Manual Integrations
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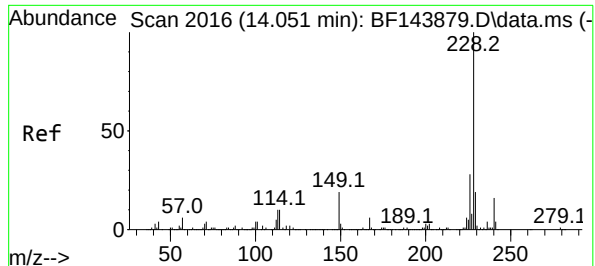
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

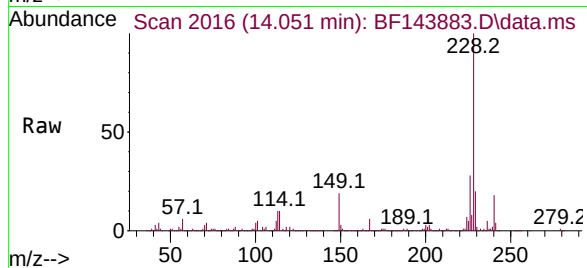
Tgt Ion:149 Resp: 274237
Ion Ratio Lower Upper
149 100
91 74.4 58.2 87.2
206 22.3 17.9 26.9





#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

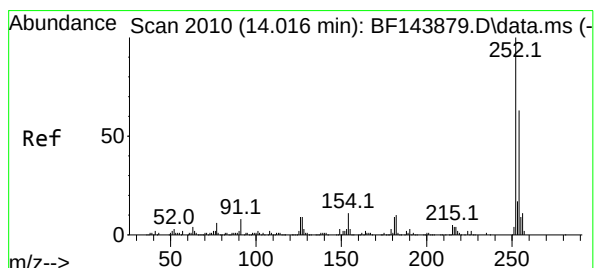
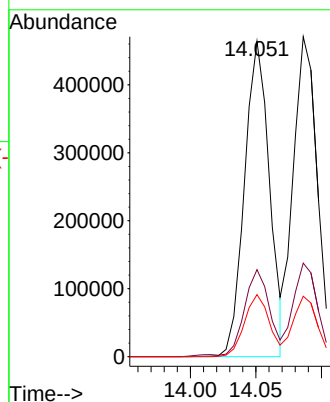
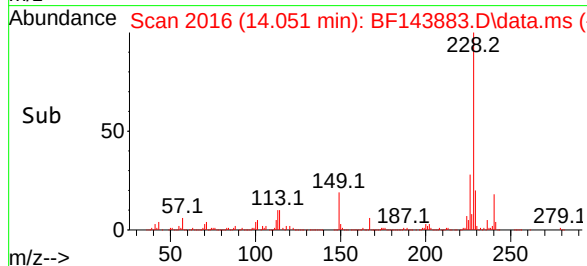
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



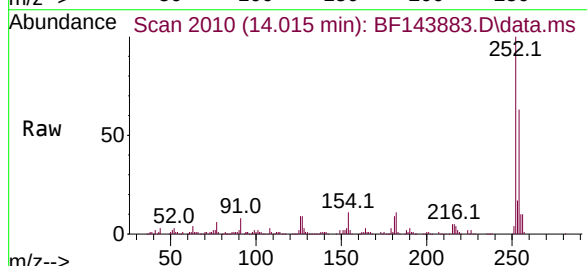
Tgt Ion:228 Resp: 614473
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 19.7 15.6 23.4

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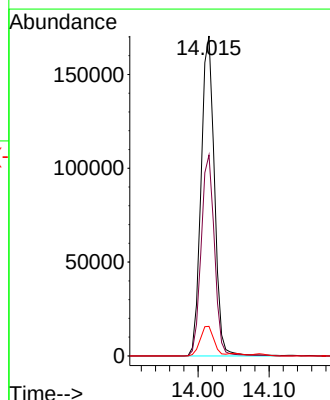
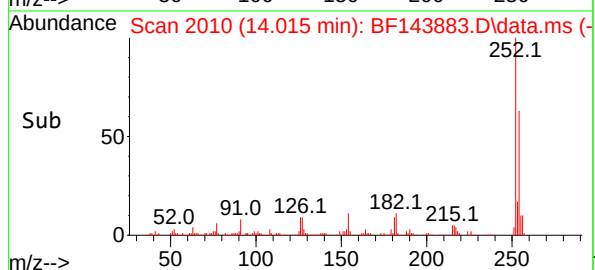
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

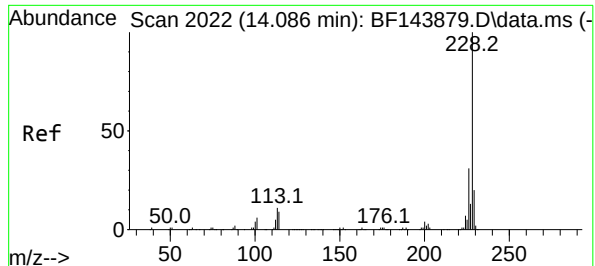


#82
3,3'-Dichlorobenzidine
Concen: 42.747 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



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 Resp: 594668

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

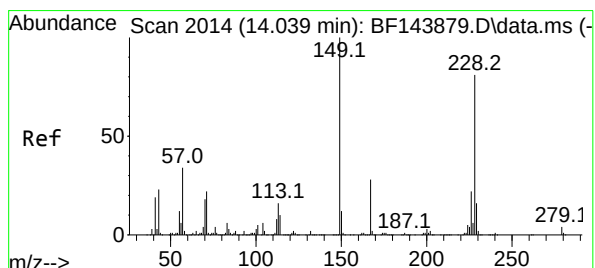
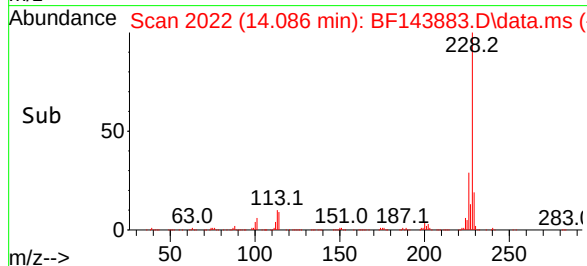
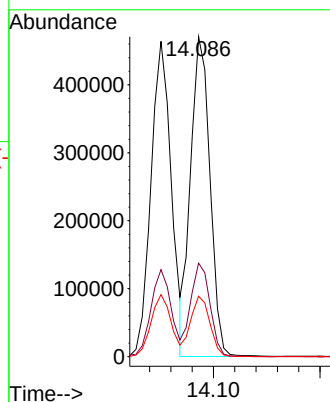
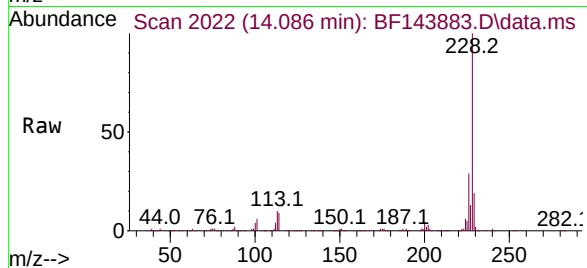
229 18.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/07/2025

Supervised By :Jagrut Upadhyay 10/07/2025



#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

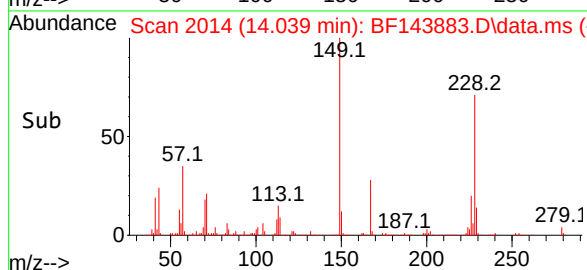
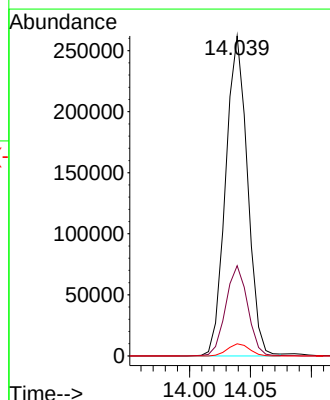
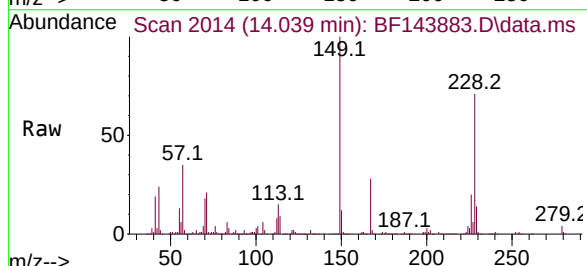
Tgt Ion:149 Resp: 326966

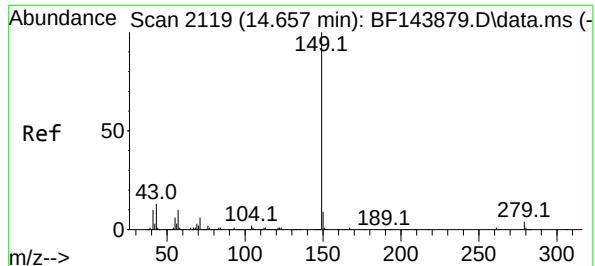
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

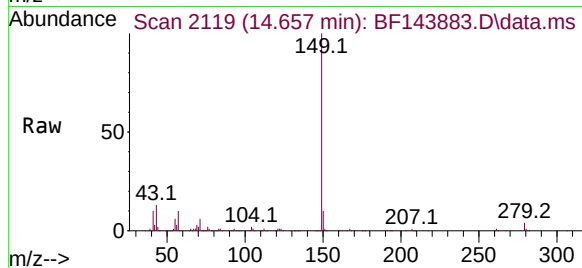
279 3.8 3.1 4.7





#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

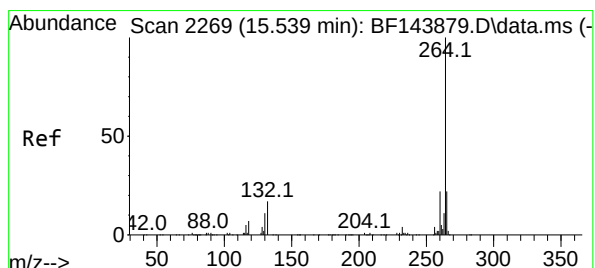
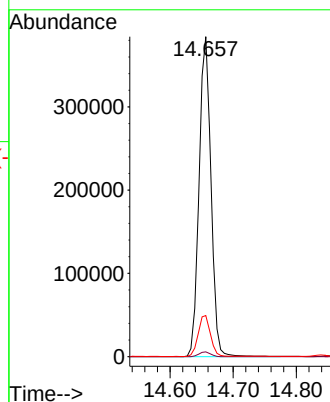
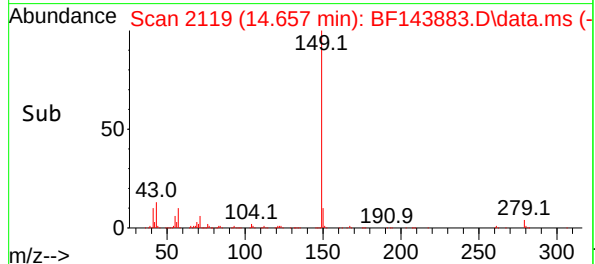
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



Tgt Ion:149 Resp: 502989
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 13.2 11.0 16.4

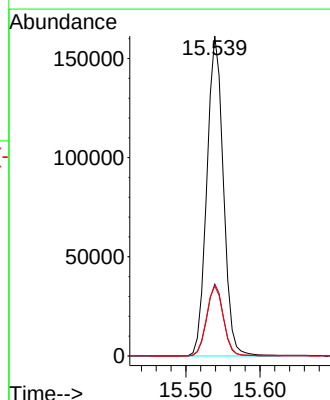
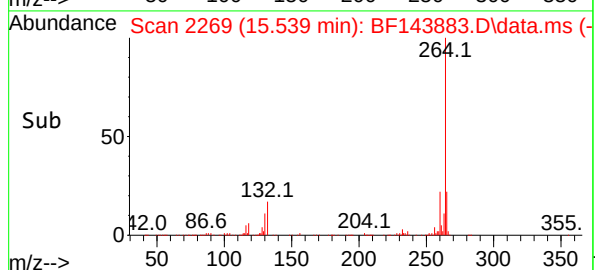
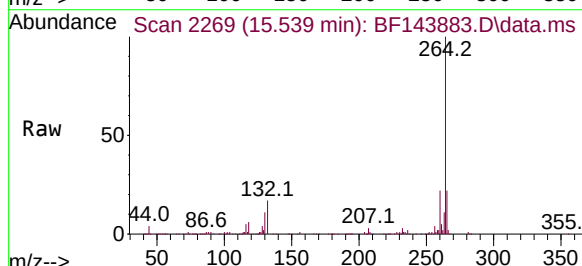
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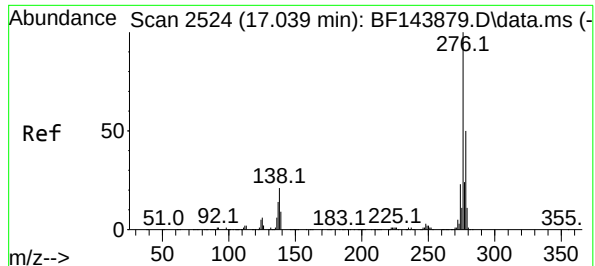
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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:264 Resp: 249446
Ion Ratio Lower Upper
264 100
260 22.4 17.8 26.8
265 21.8 17.5 26.3





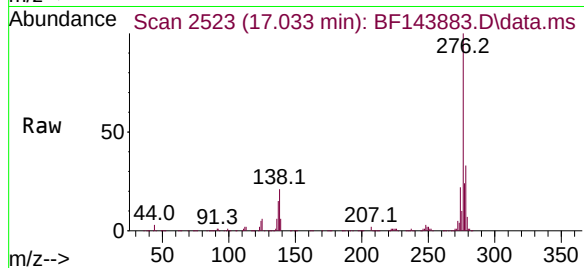
#87
Indeno(1,2,3-cd)pyrene
Concen: 36.867 ng
RT: 17.033 min Scan# 2195
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

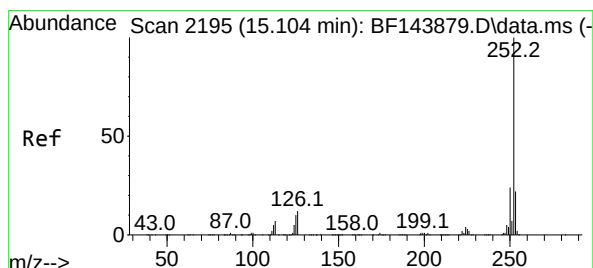
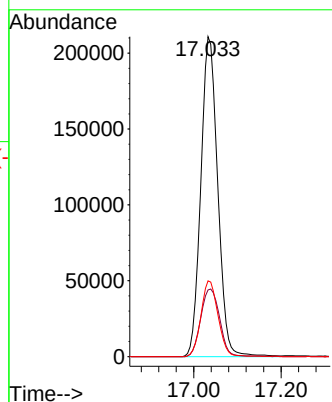
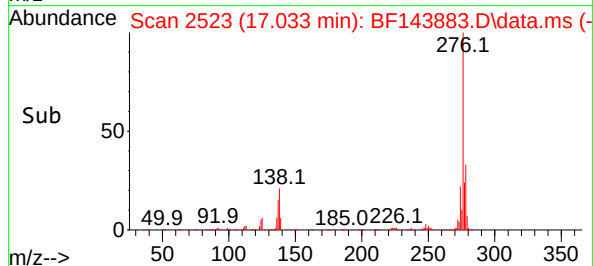


Tgt Ion:276 Resp: 563492
Ion Ratio Lower Upper
276 100
138 23.7 18.2 27.2
277 23.8 19.8 29.6

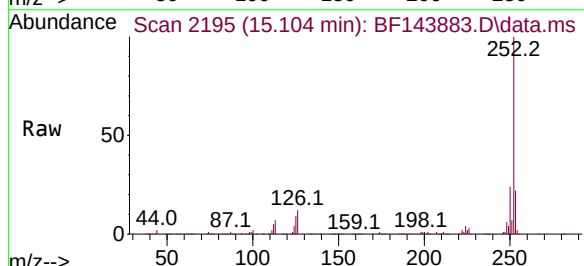
Manual Integrations

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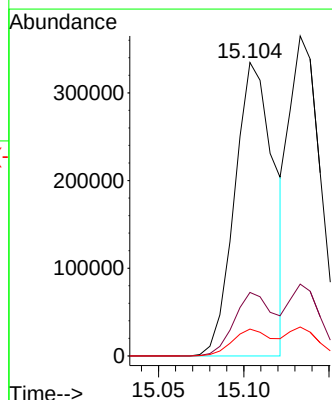
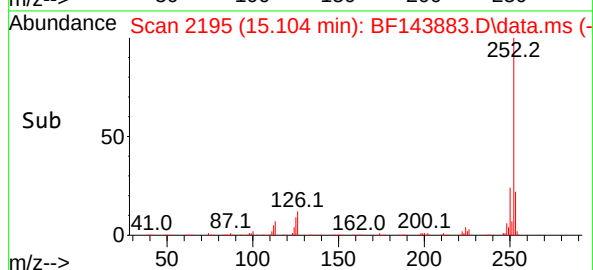
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

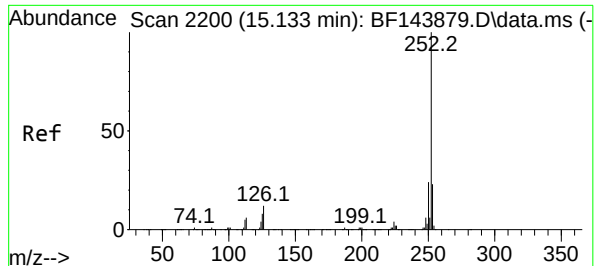


#88
Benzo(b)fluoranthene
Concen: 37.533 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08



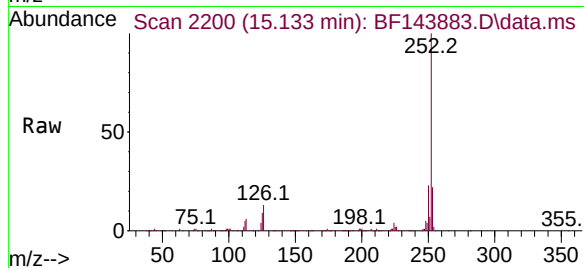
Tgt Ion:252 Resp: 537814
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.1 7.8 11.6





#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

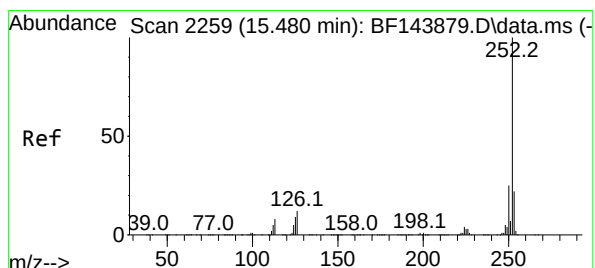
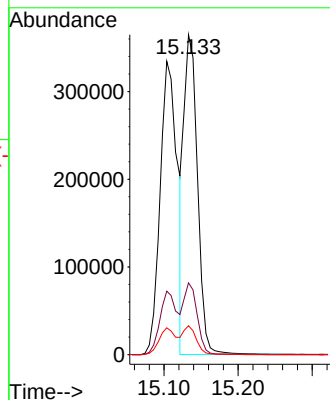
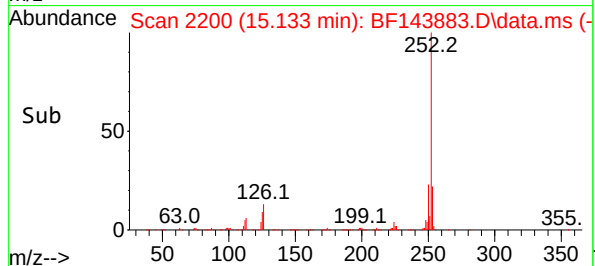
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

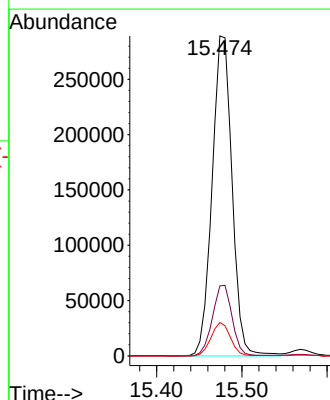
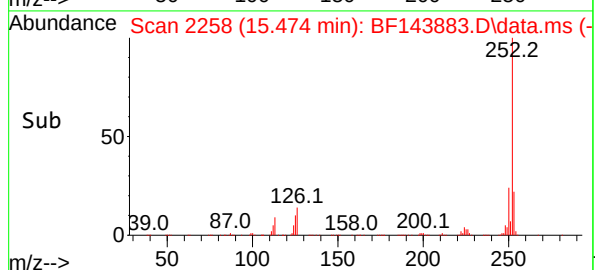
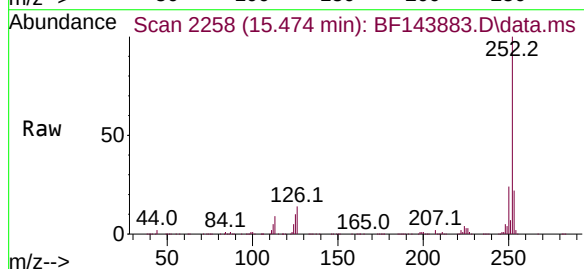
Manual Integrations
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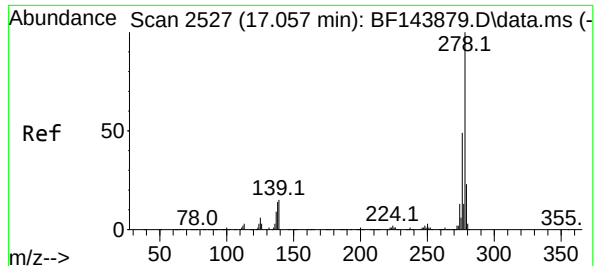
Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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

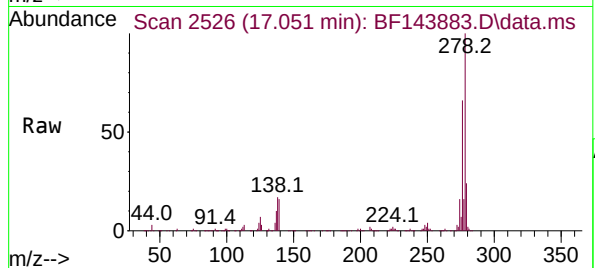
Tgt Ion:252 Resp: 470896
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.4 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 36.995 ng
RT: 17.051 min Scan# 2527
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

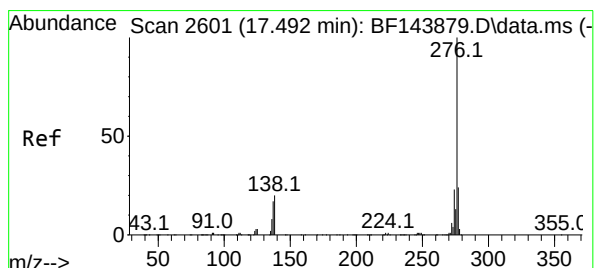
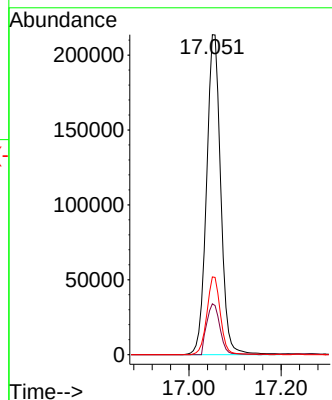
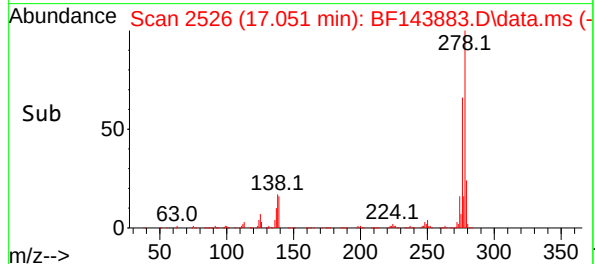
Instrument :
BNA_F
ClientSampleId :
ICVBF100625



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

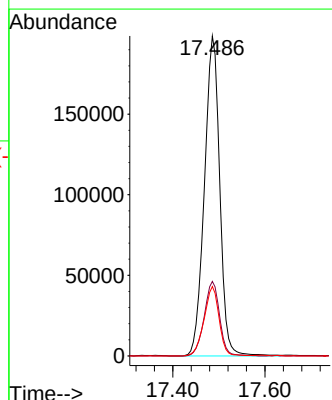
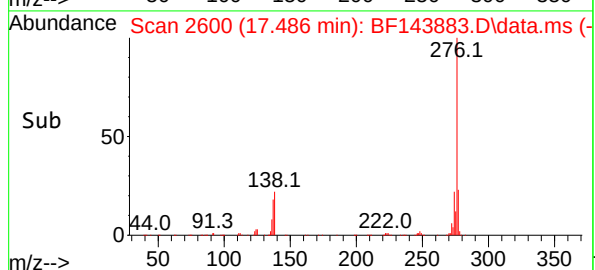
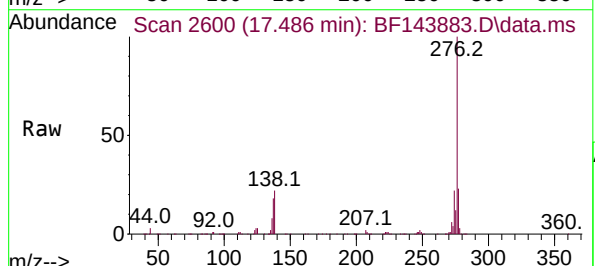
Manual Integrations
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Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025



#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
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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
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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	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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
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 Misc :
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 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	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\
Data File : BF143883.D
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Sample : SSTDICV040
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Instrument :
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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = 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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ICES02Lab Code: ACESDG No.: Q3399Instrument ID: BNA_FCalibration Date(s): 10/24/2025 10/24/2025Calibration Time(s): 10:13 16:24

LAB FILE ID:		RRF2.5 = BF144056.D			RRF005 = BF144057.D		RRF010 = BF144058.D	
		RRF020 = BF144059.D			RRF040 = BF144060.D		RRF050 = BF144061.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.324	1.322	1.328	1.303	1.163	1.264	7.8
Benzaldehyde			1.093	0.965	1.043	0.959	1.084	15.3
Phenol-d6		1.548	1.443	1.481	1.408	1.289	1.396	8.6
Phenol		1.896	1.860	1.820	1.736	1.575	1.722	9.4
bis(2-Chloroethyl)ether		1.406	1.278	1.285	1.248	1.128	1.245	8.7
2-Chlorophenol		1.398	1.310	1.306	1.251	1.124	1.245	9.2
2-Methylphenol		1.052	1.010	1.032	0.931	0.874	0.957	8.9
2,2-oxybis(1-Chloropropane)		2.561	2.432	2.505	2.376	2.149	2.339	8.1
Acetophenone		0.473	0.459	0.433	0.437	0.397	0.432	8.4
3+4-Methylphenols			1.270	1.190	1.167	1.036	1.132	9.7
n-Nitroso-di-n-propylamine	0.900	0.971	0.972	0.949	0.876	0.801	0.903	7.6
Nitrobenzene-d5		0.377	0.378	0.374	0.368	0.335	0.365	6.5
Hexachloroethane		0.553	0.544	0.569	0.544	0.506	0.541	7.2
Nitrobenzene		0.395	0.384	0.404	0.392	0.360	0.386	6.0
Isophorone		0.665	0.662	0.645	0.643	0.584	0.638	6.3
2-Nitrophenol		0.190	0.184	0.196	0.191	0.167	0.184	7.0
2,4-Dimethylphenol		0.289	0.279	0.262	0.287	0.254	0.273	6.7
bis(2-Chloroethoxy)methane		0.430	0.408	0.413	0.404	0.365	0.398	7.2
2,4-Dichlorophenol		0.334	0.345	0.325	0.323	0.293	0.317	7.8
Naphthalene		1.054	1.002	0.962	0.965	0.852	0.944	9.7
4-Chloroaniline		0.332	0.356	0.349	0.336	0.298	0.329	8.1
Hexachlorobutadiene		0.279	0.276	0.274	0.270	0.241	0.267	8.2
Caprolactam			0.078	0.082	0.085	0.072	0.080	7.0
4-Chloro-3-methylphenol		0.302	0.289	0.285	0.282	0.257	0.280	7.0
2-Methylnaphthalene		0.718	0.654	0.631	0.644	0.549	0.622	10.6
Hexachlorocyclopentadiene			0.148	0.208	0.218	0.205	0.212	18.9
2,4,6-Trichlorophenol		0.430	0.447	0.480	0.473	0.427	0.447	8.0
2-Fluorobiphenyl		1.654	1.503	1.411	1.451	1.291	1.421	11.0
2,4,5-Trichlorophenol		0.488	0.485	0.484	0.467	0.427	0.469	7.2
1,1-Biphenyl		1.613	1.533	1.441	1.472	1.317	1.432	10.1
2-Chloronaphthalene		1.336	1.264	1.233	1.222	1.101	1.199	9.7
2-Nitroaniline		0.325	0.359	0.368	0.380	0.333	0.356	8.0
Dimethylphthalate		1.398	1.328	1.332	1.366	1.219	1.311	7.1
Acenaphthylene		1.780	1.693	1.664	1.703	1.476	1.617	9.5

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: ICES02Lab Code: ACESDG No.: Q3399Instrument ID: BNA_FCalibration Date(s): 10/24/2025 10/24/2025Calibration Time(s): 10:13 16:24

LAB FILE ID:		RRF2.5 = BF144056.D			RRF005 = BF144057.D		RRF010 = BF144058.D	
		RRF020 = BF144059.D			RRF040 = BF144060.D		RRF050 = BF144061.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.228	0.257	0.275	0.276	0.252	0.259	8.3
3-Nitroaniline		0.276	0.294	0.293	0.322	0.281	0.288	7.8
Acenaphthene		1.125	1.153	1.134	1.114	0.999	1.080	8.2
2,4-Dinitrophenol			0.161	0.162	0.124	0.116	0.140	13.4
4-Nitrophenol			0.224	0.199	0.187	0.175	0.195	8.9
Dibenzofuran		1.685	1.572	1.512	1.559	1.391	1.499	9.5
2,4-Dinitrotoluene		0.302	0.343	0.370	0.385	0.336	0.350	9.4
Diethylphthalate		1.286	1.264	1.244	1.290	1.145	1.233	7.0
4-Chlorophenyl-phenylether		0.706	0.667	0.656	0.675	0.591	0.643	9.5
Fluorene		1.359	1.169	1.133	1.188	1.041	1.143	11.3
4-Nitroaniline		0.262	0.266	0.275	0.296	0.260	0.273	6.7
4,6-Dinitro-2-methylphenol			0.133	0.151	0.123	0.115	0.128	10.6
n-Nitrosodiphenylamine		0.716	0.666	0.657	0.643	0.590	0.639	8.8
2,4,6-Tribromophenol		0.251	0.249	0.256	0.262	0.241	0.255	6.8
4-Bromophenyl-phenylether		0.274	0.256	0.247	0.260	0.230	0.250	8.5
Hexachlorobenzene		0.311	0.338	0.309	0.321	0.275	0.307	8.6
Atrazine		0.229	0.223	0.218	0.208	0.185	0.210	11.5
Pentachlorophenol			0.123	0.149	0.150	0.143	0.146	9.9
Phenanthrene		1.073	1.040	1.009	1.017	0.918	0.994	7.9
Anthracene		1.171	1.077	1.029	1.053	0.932	1.026	10.0
Carbazole		0.943	0.920	0.883	0.905	0.818	0.874	8.2
Di-n-butylphthalate		1.090	1.091	1.116	1.118	1.002	1.071	6.6
Fluoranthene		1.171	1.151	1.121	1.123	0.997	1.098	7.9
Pyrene		1.603	1.466	1.426	1.521	1.295	1.438	9.1
Terphenyl-d14		1.280	1.134	1.121	1.212	1.002	1.144	9.4
Butylbenzylphthalate		0.508	0.542	0.566	0.601	0.494	0.544	8.2
3,3-Dichlorobenzidine			0.469	0.485	0.510	0.404	0.470	10.2
Benzo (a) anthracene		1.341	1.322	1.359	1.516	1.206	1.352	8.8
Chrysene		1.330	1.263	1.253	1.319	1.179	1.268	5.9
Bis (2-ethylhexyl) phthalate		0.745	0.725	0.761	0.795	0.690	0.743	7.0
Di-n-octyl phthalate			1.228	1.295	1.399	1.179	1.277	7.6
Benzo (b) fluoranthene		1.134	1.108	1.153	1.264	1.055	1.131	6.4
Benzo (k) fluoranthene		1.206	1.077	1.010	1.059	0.906	1.043	11.4
Benzo (a) pyrene		1.049	0.990	1.036	1.089	0.942	1.014	6.9
Indeno (1,2,3-cd) pyrene		1.351	1.331	1.394	1.477	1.295	1.373	6.5

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: ICES02Lab Code: ACESDG No.: Q3399Instrument ID: BNA_FCalibration Date(s): 10/24/2025 10/24/2025Calibration Time(s): 10:13 16:24

LAB FILE ID:		RRF2.5 = BF144056.D		RRF005 = BF144057.D		RRF010 = BF144058.D		
		RRF020 = BF144059.D		RRF040 = BF144060.D		RRF050 = BF144061.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Dibenzo(a,h)anthracene		1.058	1.061	1.107	1.166	1.024	1.087	6.7
Benzo(g,h,i)perylene		1.051	1.051	1.124	1.195	1.023	1.093	7.1
1,2,4,5-Tetrachlorobenzene		0.777	0.707	0.693	0.707	0.629	0.687	9.2
1,4-Dioxane		0.723	0.494	0.485	0.550	0.519	0.546	15.6
2,3,4,6-Tetrachlorophenol		0.317	0.318	0.333	0.360	0.322	0.330	7.5

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-BF102425.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Fri Oct 24 17:30:25 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF144056.D 5 =BF144057.D 10 =BF144058.D 20 =BF144059.D 40 =BF144060.D 50 =BF144061.D 60 =BF144064.D 80 =BF144063.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane		0.723	0.494	0.485	0.550	0.519	0.572	0.481	0.546	15.58
3) Pyridine		1.395	1.384	1.530	1.527	1.427	1.604	1.370	1.462	6.19
4) n-Nitrosodimet...			0.805	0.963	0.912	0.835	1.017	0.860	0.899	8.98
5) S 2-Fluorophenol		1.324	1.322	1.328	1.303	1.163	1.322	1.087	1.264	7.76
6) Aniline		2.173	2.152	2.106	2.016	1.809	2.050	1.675	1.997	9.36
7) S Phenol-d6		1.548	1.443	1.481	1.408	1.289	1.412	1.193	1.396	8.56
8) 2-Chlorophenol		1.398	1.310	1.306	1.251	1.124	1.258	1.067	1.245	9.17
9) Benzaldehyde			1.093	0.965	1.043	0.959	1.406	1.039	1.084	15.28
10) C Phenol		1.896	1.860	1.820	1.736	1.575	1.725	1.445	1.722	9.41
11) bis(2-Chloroet...		1.406	1.278	1.285	1.248	1.128	1.285	1.082	1.245	8.72
12) 1,3-Dichlorobe...		1.681	1.582	1.640	1.565	1.415	1.566	1.300	1.536	8.66
13) C 1,4-Dichlorobe...		1.645	1.567	1.592	1.551	1.371	1.575	1.295	1.513	8.52
14) 1,2-Dichlorobe...		1.588	1.548	1.534	1.480	1.355	1.520	1.225	1.464	8.81
15) Benzyl Alcohol			1.129	1.234	1.145	1.056	1.222	1.025	1.135	7.47
16) 2,2'-oxybis(1-...		2.561	2.432	2.505	2.376	2.149	2.313	2.038	2.339	8.08
17) 2-Methylphenol		1.052	1.010	1.032	0.931	0.874	0.981	0.823	0.957	8.89
18) Hexachloroethane		0.553	0.544	0.569	0.544	0.506	0.595	0.477	0.541	7.21
19) P n-Nitroso-di-n...	0.900	0.971	0.972	0.949	0.876	0.801	0.943	0.809	0.903	7.60
20) 3+4-Methylphenols			1.270	1.190	1.167	1.036	1.159	0.969	1.132	9.69
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone		0.473	0.459	0.433	0.437	0.397	0.456	0.371	0.432	8.41
23) S Nitrobenzene-d5		0.377	0.378	0.374	0.368	0.335	0.393	0.330	0.365	6.48
24) Nitrobenzene		0.395	0.384	0.404	0.392	0.360	0.417	0.351	0.386	6.05
25) Isophorone		0.665	0.662	0.645	0.643	0.584	0.686	0.582	0.638	6.29
26) C 2-Nitrophenol		0.190	0.184	0.196	0.191	0.167	0.194	0.165	0.184	6.96
27) 2,4-Dimethylph...		0.289	0.279	0.262	0.287	0.254	0.293	0.247	0.273	6.73
28) bis(2-Chloroet...		0.430	0.408	0.413	0.404	0.365	0.416	0.351	0.398	7.25
29) C 2,4-Dichloroph...		0.334	0.345	0.325	0.323	0.293	0.328	0.275	0.317	7.75
30) 1,2,4-Trichlor...		0.344	0.339	0.334	0.335	0.301	0.348	0.286	0.327	7.19
31) Naphthalene		1.054	1.002	0.962	0.965	0.852	0.983	0.788	0.944	9.72
32) Benzoic acid			0.217	0.200	0.146	0.147	0.168	0.162	0.173	16.81
33) 4-Chloroaniline		0.332	0.356	0.349	0.336	0.298	0.344	0.286	0.329	8.10
34) C Hexachlorobuta...		0.279	0.276	0.274	0.270	0.241	0.296	0.234	0.267	8.19
35) Caprolactam			0.078	0.082	0.085	0.072	0.086	0.075	0.080	7.03
36) C 4-Chloro-3-met...		0.302	0.289	0.285	0.282	0.257	0.296	0.250	0.280	6.98
37) 2-Methylnaphth...		0.718	0.654	0.631	0.644	0.549	0.637	0.524	0.622	10.55
38) 1-Methylnaphth...		0.685	0.627	0.591	0.591	0.524	0.611	0.499	0.590	10.60

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF102425.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.777	0.707	0.693	0.707	0.629	0.716	0.583	0.687	9.17	
41) P	Hexachlorocycl...	0.148	0.208	0.218	0.205	0.273	0.222	0.212	18.88		
42) S	2,4,6-Tribromo...	0.251	0.249	0.256	0.262	0.241	0.289	0.236	0.255	6.77	
43) C	2,4,6-Trichlor...	0.430	0.447	0.480	0.473	0.427	0.485	0.386	0.447	7.98	
44)	2,4,5-Trichlor...	0.488	0.485	0.484	0.467	0.427	0.511	0.419	0.469	7.19	
45) S	2-Fluorobiphenyl	1.654	1.503	1.411	1.451	1.291	1.473	1.164	1.421	11.04	
46)	1,1'-Biphenyl	1.613	1.532	1.441	1.472	1.317	1.470	1.176	1.432	10.09	
47)	2-Chloronaphth...	1.336	1.264	1.233	1.222	1.101	1.250	0.989	1.199	9.68	
48)	2-Nitroaniline	0.325	0.359	0.368	0.380	0.333	0.399	0.328	0.356	8.00	
49)	Acenaphthylene	1.780	1.693	1.664	1.703	1.476	1.668	1.337	1.617	9.54	
50)	Dimethylphthalate	1.398	1.328	1.332	1.366	1.219	1.387	1.146	1.311	7.15	
51)	2,6-Dinitrotol...	0.228	0.257	0.275	0.276	0.252	0.288	0.240	0.259	8.31	
52) C	Acenaphthene	1.125	1.153	1.134	1.114	0.999	1.122	0.914	1.080	8.21	
53)	3-Nitroaniline	0.276	0.294	0.293	0.322	0.281	0.301	0.250	0.288	7.79	
54) P	2,4-Dinitrophenol	0.161	0.162	0.124	0.116	0.139	0.140	0.140	13.44		
55)	Dibenzofuran	1.685	1.572	1.512	1.559	1.391	1.535	1.242	1.499	9.55	
56) P	4-Nitrophenol	0.224	0.199	0.187	0.175	0.202	0.184	0.195	8.90		
57)	2,4-Dinitrotol...	0.302	0.343	0.370	0.385	0.336	0.390	0.323	0.350	9.44	
58)	Fluorene	1.359	1.169	1.133	1.188	1.041	1.162	0.945	1.143	11.27	
59)	2,3,4,6-Tetrac...	0.317	0.318	0.333	0.360	0.322	0.366	0.297	0.330	7.53	
60)	Diethylphthalate	1.286	1.264	1.244	1.290	1.145	1.318	1.083	1.233	6.98	
61)	4-Chlorophenyl...	0.706	0.667	0.656	0.675	0.591	0.674	0.529	0.643	9.49	
62)	4-Nitroaniline	0.262	0.266	0.275	0.296	0.260	0.299	0.253	0.273	6.70	
63)	Azobenzene	1.192	1.178	1.187	1.236	1.103	1.253	1.020	1.167	6.91	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.133	0.151	0.123	0.115	0.132	0.116	0.128	10.63		
66) c	n-Nitrosodiphe...	0.716	0.666	0.657	0.643	0.590	0.659	0.542	0.639	8.82	
67)	4-Bromophenyl-...	0.274	0.256	0.247	0.260	0.230	0.270	0.215	0.250	8.52	
68)	Hexachlorobenzene	0.311	0.338	0.309	0.321	0.275	0.328	0.268	0.307	8.59	
69)	Atrazine	0.229	0.223	0.218	0.208	0.185	0.235	0.169	0.210	11.52	
70) C	Pentachlorophenol	0.123	0.149	0.150	0.143	0.168	0.144	0.146	9.94		
71)	Phenanthrene	1.073	1.040	1.009	1.017	0.918	1.043	0.854	0.994	7.89	
72)	Anthracene	1.171	1.077	1.029	1.053	0.932	1.065	0.857	1.026	10.01	
73)	Carbazole	0.943	0.920	0.883	0.905	0.818	0.907	0.737	0.874	8.20	
74)	Di-n-butylphth...	1.090	1.091	1.116	1.118	1.002	1.135	0.945	1.071	6.58	
75) C	Fluoranthene	1.171	1.151	1.121	1.123	0.997	1.167	0.954	1.098	7.88	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.689	0.614	0.665	0.513	0.787	0.466	0.622	18.99		
78)	Pyrene	1.603	1.466	1.426	1.521	1.295	1.519	1.236	1.438	9.08	
79) S	Terphenyl-d14	1.280	1.134	1.121	1.212	1.002	1.241	1.018	1.144	9.39	
80)	Butylbenzylpht...	0.508	0.542	0.566	0.601	0.494	0.595	0.501	0.544	8.25	
81)	Benzo(a)anthra...	1.341	1.322	1.359	1.516	1.206	1.492	1.226	1.352	8.79	
82)	3,3'-Dichlorob...	0.469	0.485	0.510	0.404	0.529	0.427	0.470	10.21		
83)	Chrysene	1.330	1.263	1.253	1.319	1.179	1.366	1.170	1.268	5.93	
84)	Bis(2-ethylhex...	0.745	0.725	0.761	0.795	0.690	0.813	0.670	0.743	7.01	
85) c	Di-n-octyl pht...	1.228	1.295	1.399	1.179	1.382	1.180	1.277	7.65		

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF102425.M

		-----ISTD-----									
86) I	Perylene-d12										
87)	Indeno(1,2,3-c...	1.351	1.331	1.394	1.477	1.295	1.501	1.263	1.373		6.53
88)	Benzo(b)fluora...	1.134	1.108	1.153	1.264	1.055	1.151	1.050	1.131		6.39
89)	Benzo(k)fluora...	1.206	1.077	1.010	1.059	0.906	1.157	0.886	1.043		11.44
90) C	Benzo(a)pyrene	1.049	0.990	1.036	1.089	0.942	1.086	0.909	1.014		6.88
91)	Dibenzo(a,h)an...	1.058	1.061	1.107	1.166	1.024	1.195	0.997	1.087		6.72
92)	Benzo(g,h,i)pe...	1.051	1.051	1.124	1.195	1.023	1.192	1.015	1.093		7.08

(#) = Out of Range

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144056.D
Acq On : 24 Oct 2025 10:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Quant Time: Oct 24 17:00:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

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

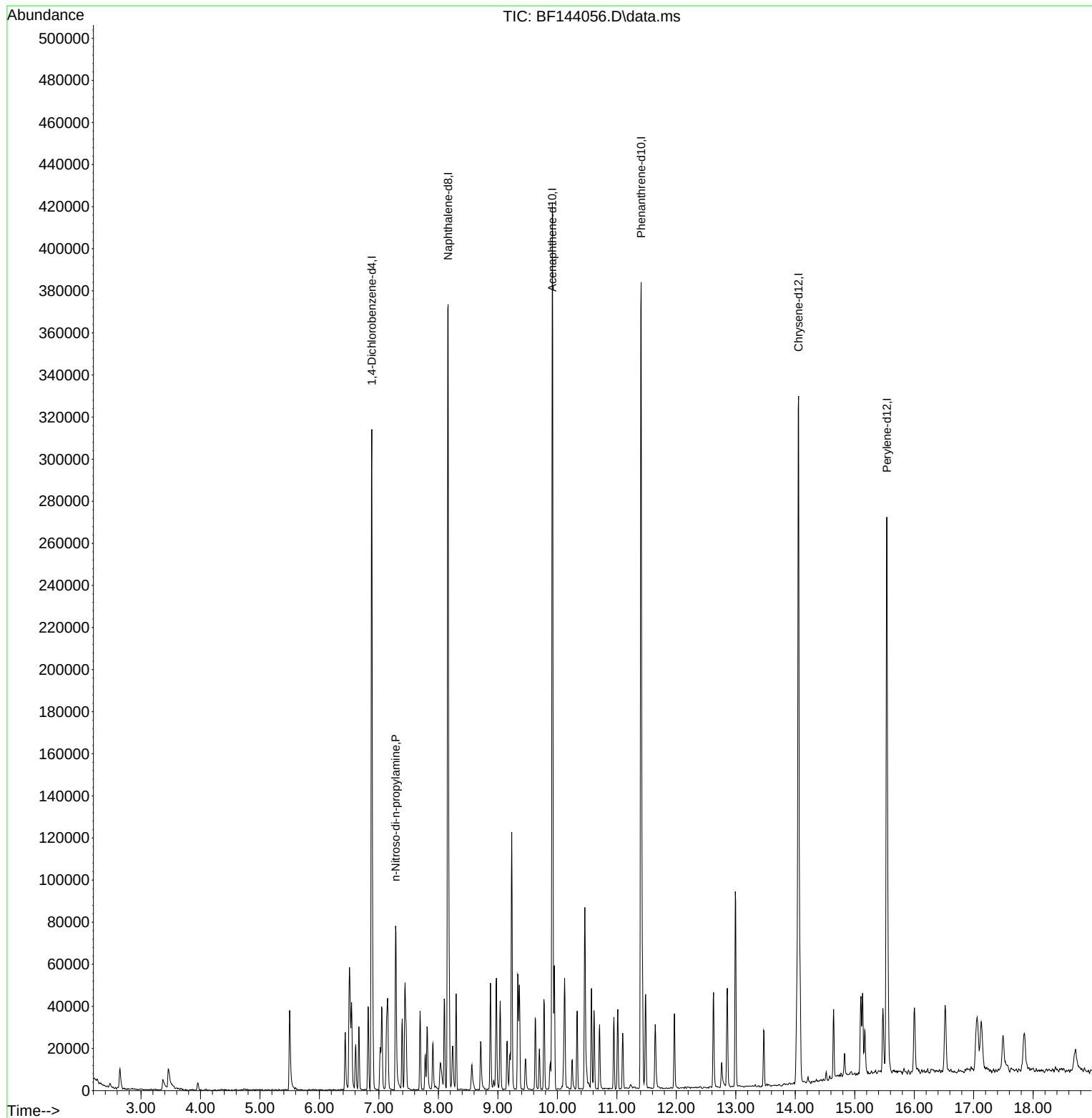
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63395	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	236986	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	128411	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	216866	20.000	ng	0.00
76) Chrysene-d12	14.057	240	165196	20.000	ng	0.00
86) Perylene-d12	15.539	264	182261	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...	7.281	70	7133	2.493	ng	97

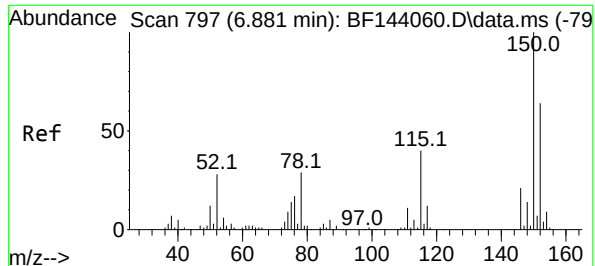
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144056.D
Acq On : 24 Oct 2025 10:13
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

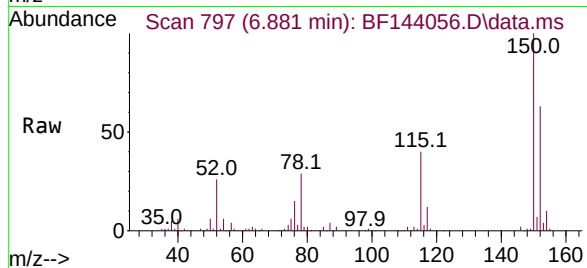
Quant Time: Oct 24 17:00:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration



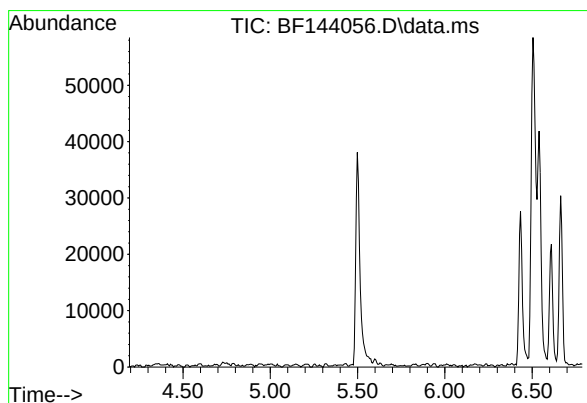
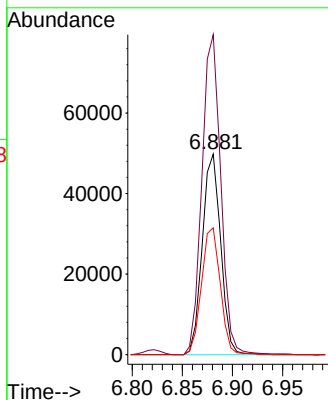
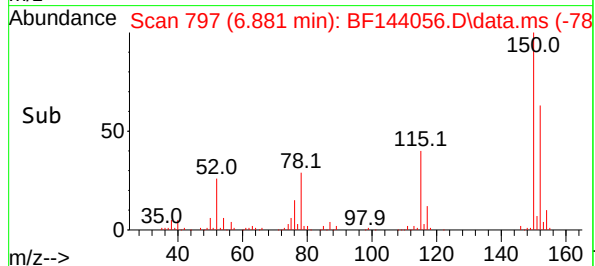


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



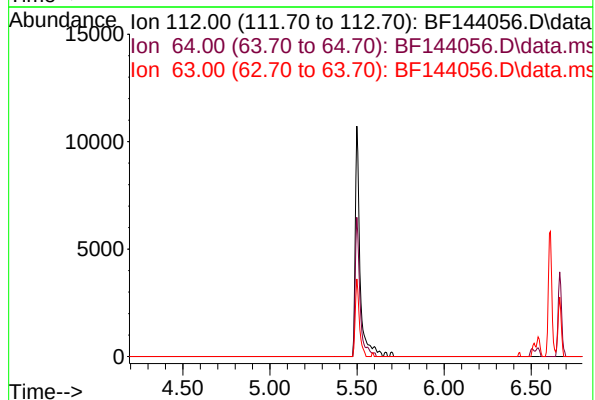
Tgt Ion:152 Resp: 63395
Ion Ratio Lower Upper
152 100
150 159.5 124.4 186.6
115 63.2 49.4 74.0

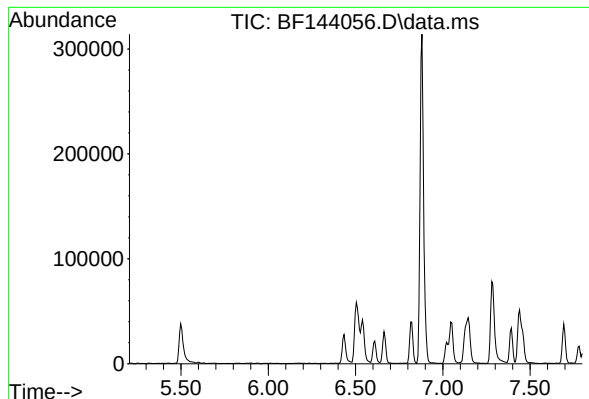


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Tgt Ion: 112
Sig Exp Ratio
112 100
64 62.3
63 34.3

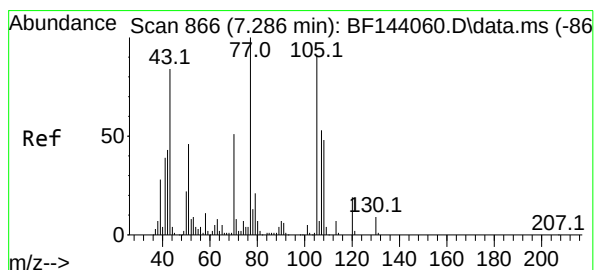
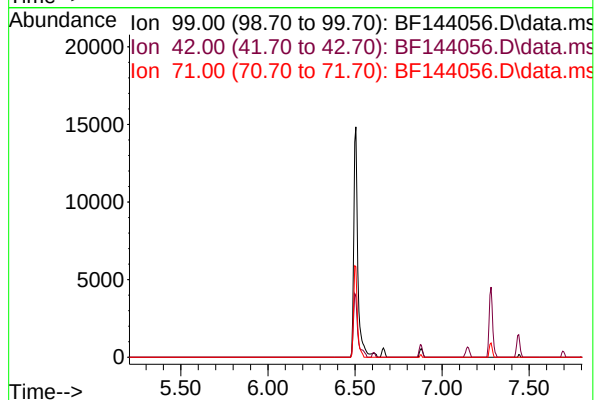




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.50 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

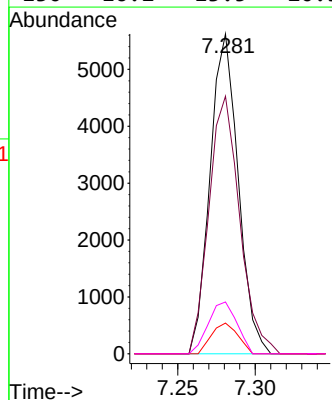
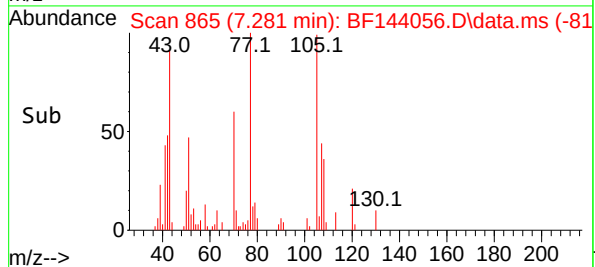
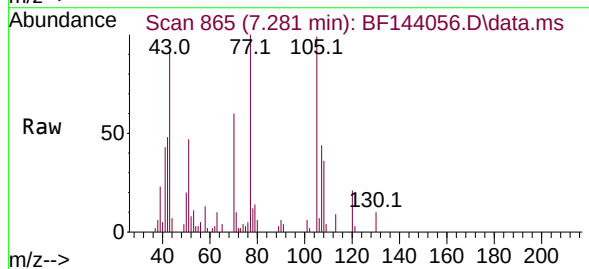
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

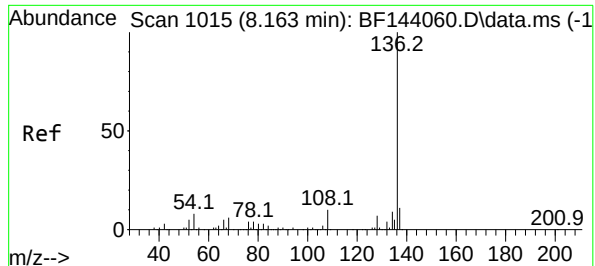
Tgt Ion: 99
Sig Exp Ratio
99 100
42 29.9
71 43.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.493 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Tgt Ion: 70 Resp: 7133
Ion Ratio Lower Upper
70 100
42 80.5 67.4 101.0
101 9.6 7.1 10.7
130 16.2 13.5 20.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF144056.D

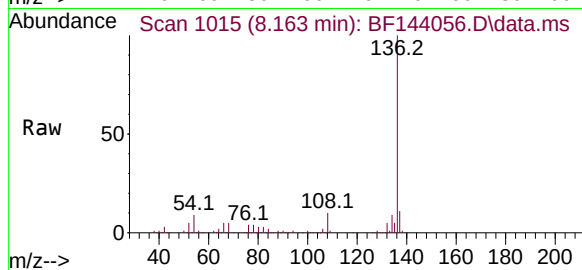
Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 236986

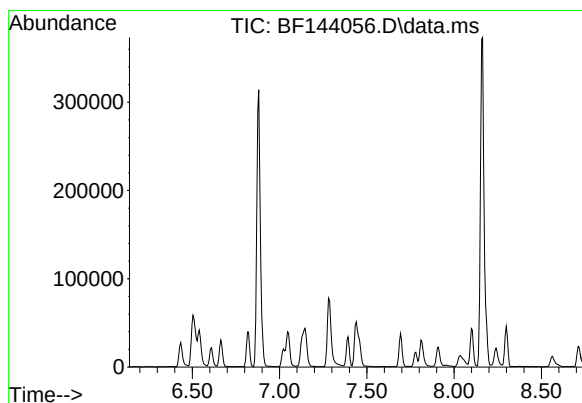
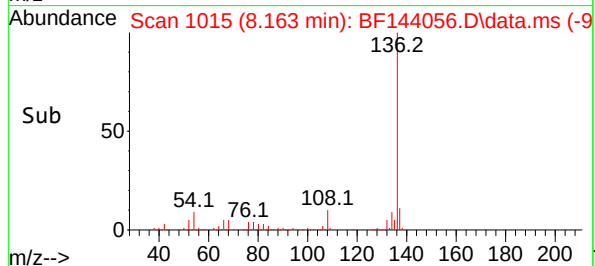
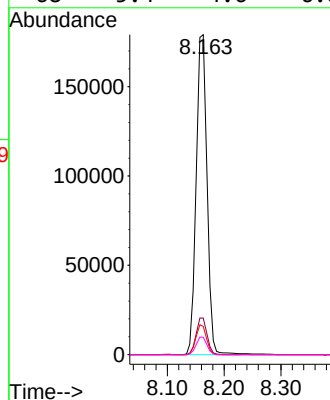
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 8.8 6.6 9.8

68 5.4 4.6 6.8



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.44 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

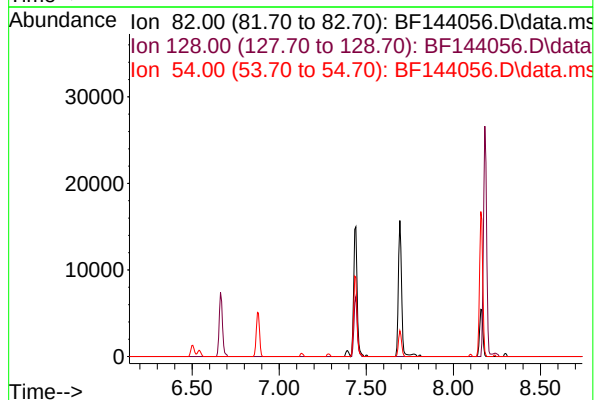
Tgt Ion: 82

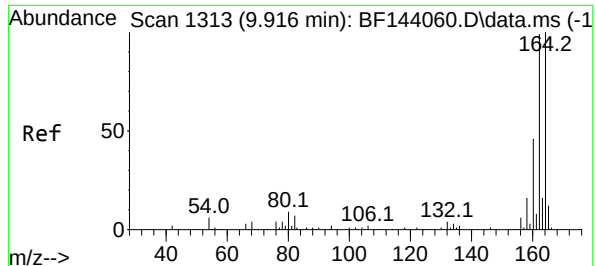
Sig Exp Ratio

82 100

128 40.5

54 67.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144056.D

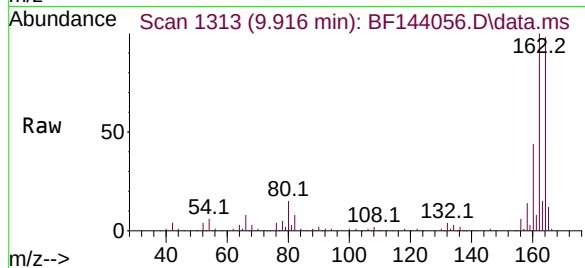
Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



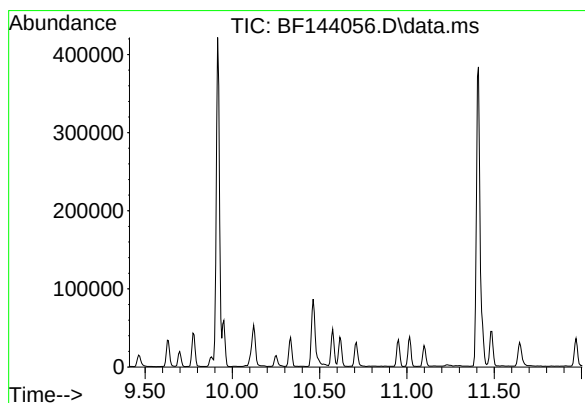
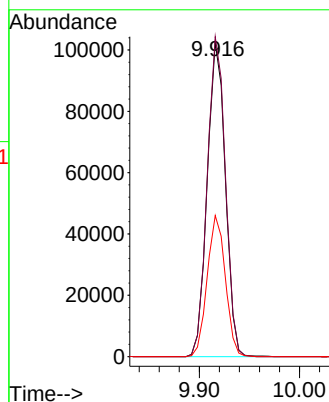
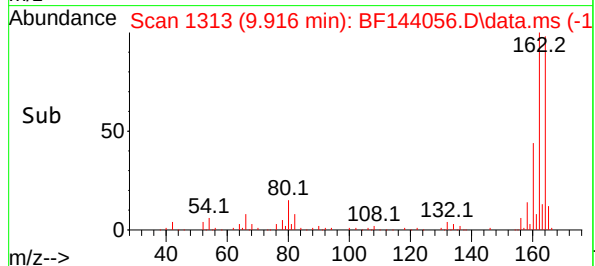
Tgt Ion:164 Resp: 128411

Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.2

160 44.9 36.7 55.1



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.71 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

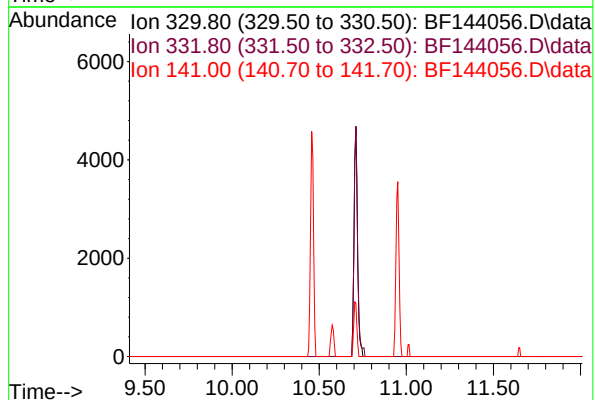
Tgt Ion: 330

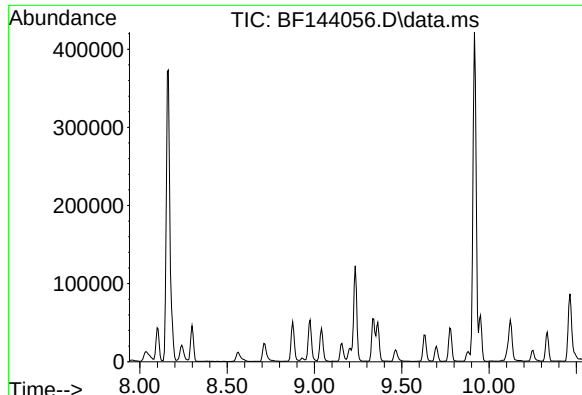
Sig Exp Ratio

330 100

332 96.3

141 24.2





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.24 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

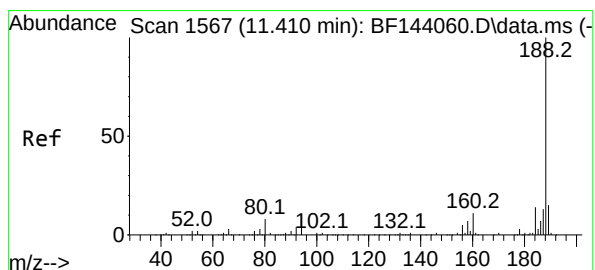
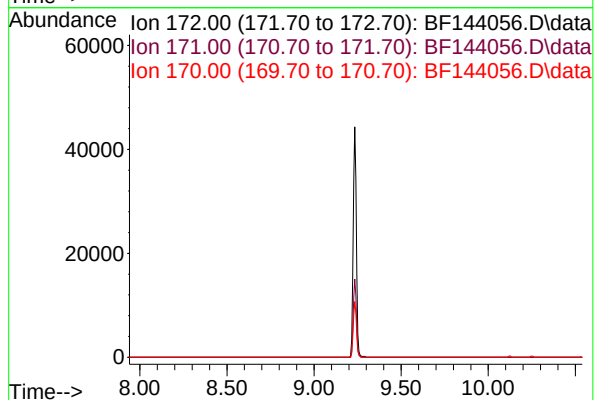
Tgt Ion: 172

Sig Exp Ratio

172 100

171 34.4

170 23.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144056.D

Acq: 24 Oct 2025 10:13

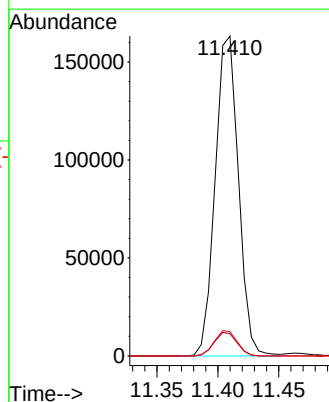
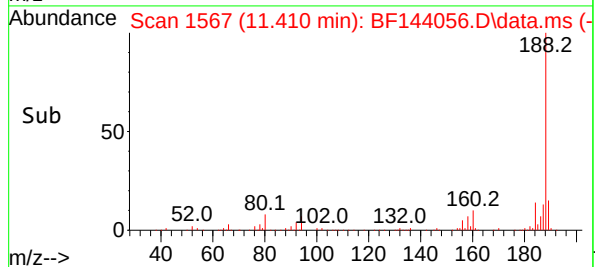
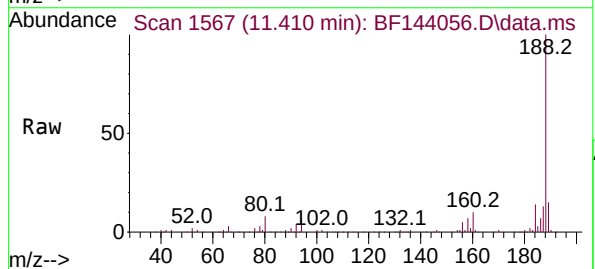
Tgt Ion:188 Resp: 216866

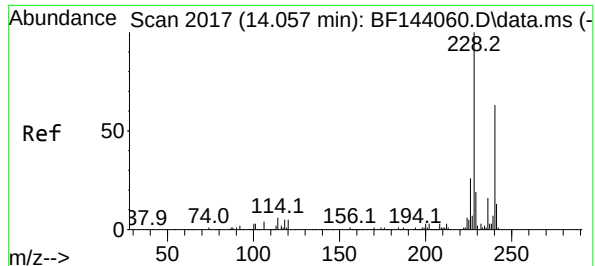
Ion Ratio Lower Upper

188 100

94 6.9 5.4 8.0

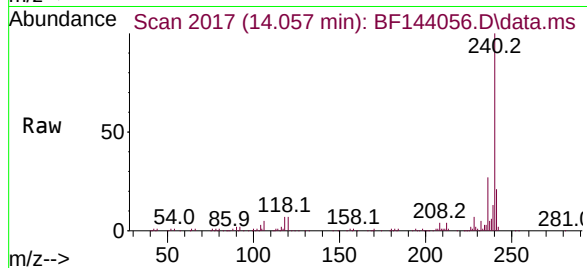
80 7.6 6.0 9.0



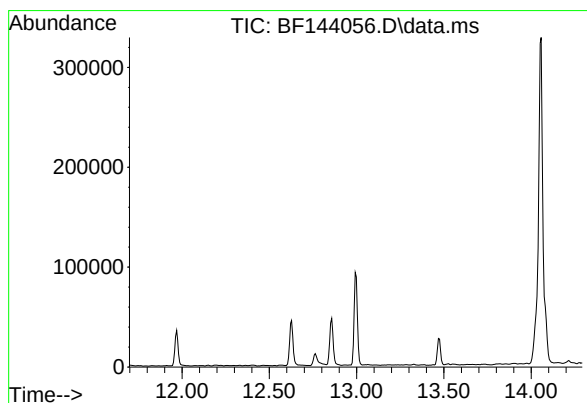
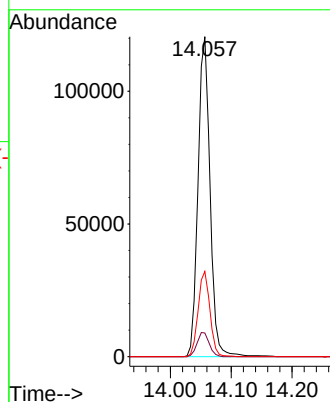
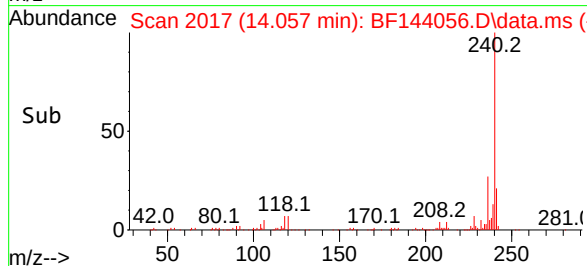


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



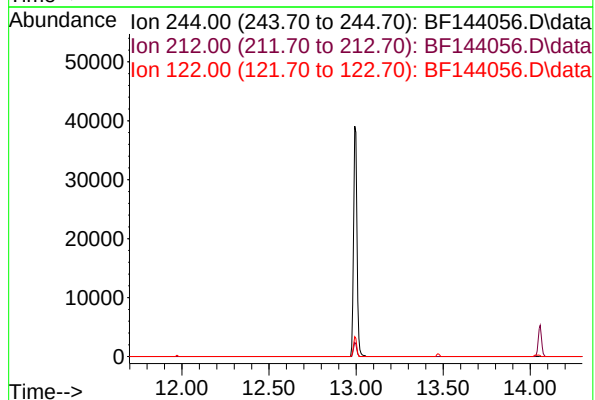
Tgt Ion:240 Resp: 165196
Ion Ratio Lower Upper
240 100
120 7.4 6.5 9.7
236 26.6 20.1 30.1



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

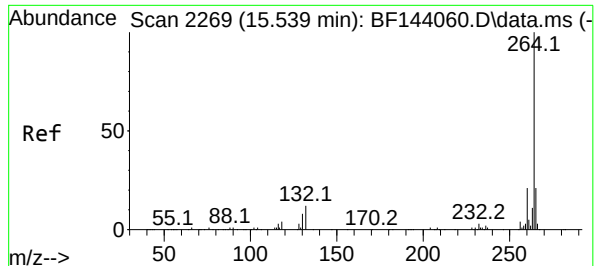
Lab File: BF144056.D
Acq: 24 Oct 2025 10:13

Tgt Ion: 244
Sig Exp Ratio
244 100
212 7.2
122 6.1



Ion 212.00 (211.70 to 212.70): BF144056.D\data

Ion 122.00 (121.70 to 122.70): BF144056.D\data



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144056.D

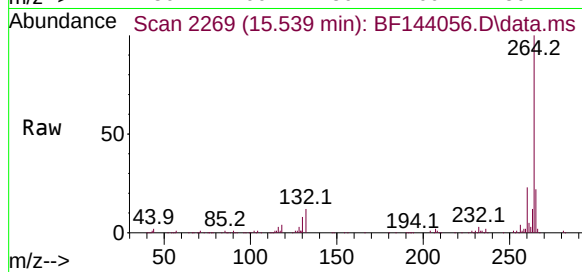
Acq: 24 Oct 2025 10:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



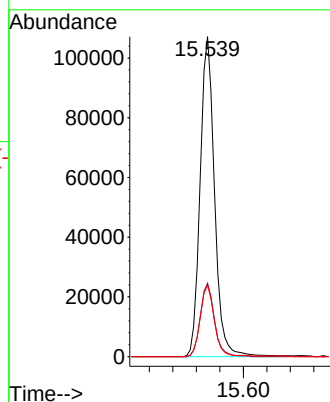
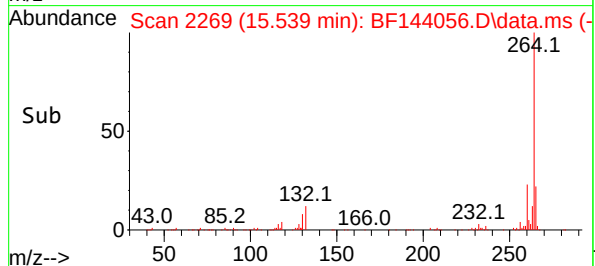
Tgt Ion:264 Resp: 182261

Ion Ratio Lower Upper

264 100

260 22.9 17.0 25.4

265 22.3 16.6 24.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144057.D
 Acq On : 24 Oct 2025 10:42
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Quant Time: Oct 24 17:01:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	64729	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	239688	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	127182	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	215493	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170453	20.000	ng	0.00
86) Perylene-d12	15.539	264	190551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	42841	10.471	ng	0.00
7) Phenol-d6	6.498	99	50099	11.088	ng	0.00
23) Nitrobenzene-d5	7.434	82	45136	10.317	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	15954	9.848	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	105210	11.641	ng	0.00
79) Terphenyl-d14	12.992	244	109089	11.189	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	11703	6.619	ng	95
3) Pyridine	3.428	79	22571	4.769	ng	# 95
6) Aniline	6.539	93	35169	5.441	ng	99
8) 2-Chlorophenol	6.663	128	22623	5.615	ng	93
10) Phenol	6.516	94	30686	5.505	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	22757	5.650	ng	99
12) 1,3-Dichlorobenzene	6.822	146	27208	5.474	ng	98
13) 1,4-Dichlorobenzene	6.898	146	26614	5.433	ng	98
14) 1,2-Dichlorobenzene	7.045	146	25700	5.423	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	41443	5.474	ng	94
17) 2-Methylphenol	7.128	107	17019	5.492	ng	91
18) Hexachloroethane	7.392	117	8945	5.108	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	15719	5.380	ng	92
22) Acetophenone	7.281	105	28341	5.471	ng	94
24) Nitrobenzene	7.457	77	23655	5.111	ng	97
25) Isophorone	7.692	82	39860	5.211	ng	98
26) 2-Nitrophenol	7.775	139	11373	5.166	ng	# 89
27) 2,4-Dimethylphenol	7.810	122	17297	5.287	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	25751	5.399	ng	99
29) 2,4-Dichlorophenol	8.022	162	20009	5.259	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	20600	5.263	ng	99
31) Naphthalene	8.181	128	63185	5.585	ng	99
33) 4-Chloroaniline	8.233	127	19875	5.047	ng	94
34) Hexachlorobutadiene	8.298	225	16702	5.218	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	18077	5.384	ng	95
37) 2-Methylnaphthalene	8.875	142	43006	5.766	ng	98
38) 1-Methylnaphthalene	8.975	142	41029	5.806	ng	95
40) 1,2,4,5-Tetrachloroben...	9.039	216	24701	5.651	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	13673	4.813	ng	93
44) 2,4,5-Trichlorophenol	9.198	196	15530	5.208	ng	94
46) 1,1'-Biphenyl	9.333	154	51299	5.635	ng	98
47) 2-Chloronaphthalene	9.363	162	42492	5.571	ng	97
48) 2-Nitroaniline	9.463	65	10347	4.568	ng	94
49) Acenaphthylene	9.775	152	56586	5.502	ng	99
50) Dimethylphthalate	9.627	163	44452	5.332	ng	99
51) 2,6-Dinitrotoluene	9.698	165	7239	4.392	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144057.D
 Acq On : 24 Oct 2025 10:42
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

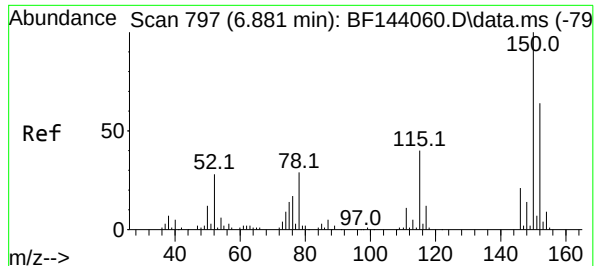
Quant Time: Oct 24 17:01:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.951	154	35769	5.208	ng	98
53) 3-Nitroaniline	9.875	138	8780	4.792	ng	97
55) Dibenzofuran	10.122	168	53591	5.620	ng	95
57) 2,4-Dinitrotoluene	10.104	165	9591	4.312	ng #	94
58) Fluorene	10.469	166	43217	5.948	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	10071	4.793	ng #	97
60) Diethylphthalate	10.333	149	40882	5.215	ng	97
61) 4-Chlorophenyl-phenyle...	10.457	204	22434	5.491	ng	97
62) 4-Nitroaniline	10.480	138	8315	4.789	ng	87
63) Azobenzene	10.616	77	37885	5.106	ng	96
66) n-Nitrosodiphenylamine	10.574	169	38552	5.599	ng	95
67) 4-Bromophenyl-phenylether	10.951	248	14748	5.466	ng	94
68) Hexachlorobenzene	11.016	284	16776	5.070	ng	96
69) Atrazine	11.098	200	12331	5.458	ng	95
71) Phenanthrene	11.433	178	57785	5.398	ng	99
72) Anthracene	11.486	178	63077	5.704	ng	97
73) Carbazole	11.645	167	50818	5.399	ng	98
74) Di-n-butylphthalate	11.969	149	58713	5.088	ng	99
75) Fluoranthene	12.627	202	63073	5.333	ng	97
78) Pyrene	12.857	202	68289	5.573	ng	98
80) Butylbenzylphthalate	13.474	149	21644	4.669	ng	94
81) Benzo(a)anthracene	14.045	228	57138	4.960	ng	99
83) Chrysene	14.080	228	56694	5.245	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	31727	5.013	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	64345	4.918	ng	98
88) Benzo(b)fluoranthene	15.104	252	54015	5.014	ng	97
89) Benzo(k)fluoranthene	15.133	252	57466	5.782	ng	99
90) Benzo(a)pyrene	15.474	252	49993	5.173	ng #	99
91) Dibenzo(a,h)anthracene	17.056	278	50377	4.865	ng	98
92) Benzo(g,h,i)perylene	17.486	276	50046	4.807	ng	98

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

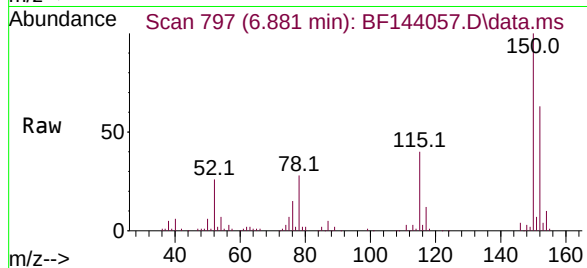
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

[illegible]

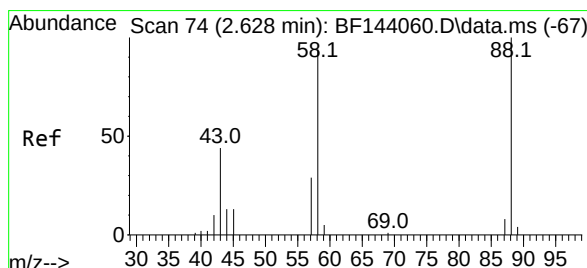
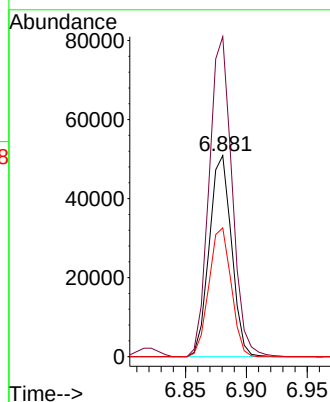
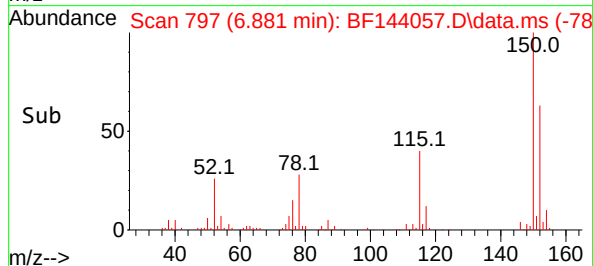


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

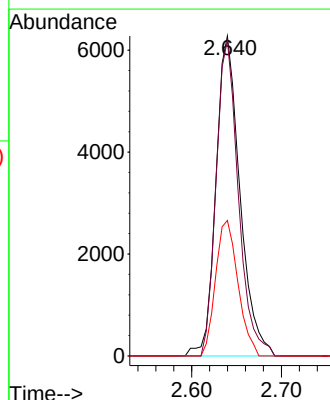
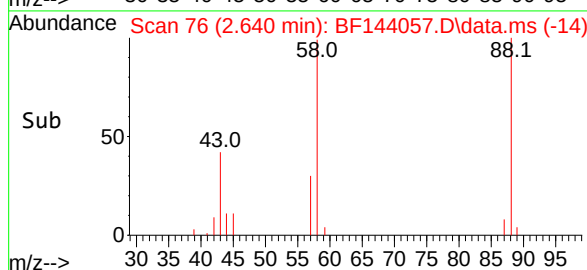
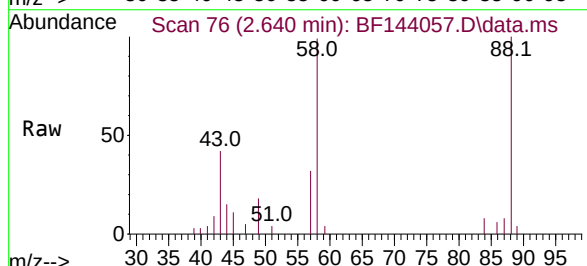


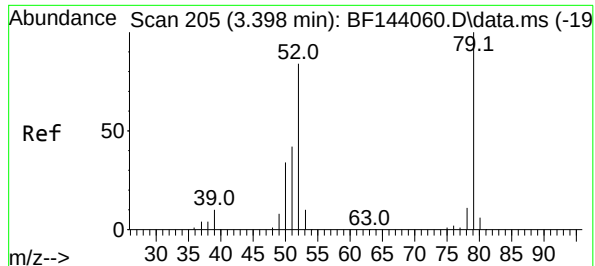
Tgt Ion:152 Resp: 64729
Ion Ratio Lower Upper
152 100
150 159.2 124.4 186.6
115 64.1 49.4 74.0



#2
1,4-Dioxane
Concen: 6.619 ng
RT: 2.640 min Scan# 76
Delta R.T. 0.012 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion: 88 Resp: 11703
Ion Ratio Lower Upper
88 100
58 91.4 76.5 114.7
43 39.6 35.3 52.9





#3

Pyridine

Concen: 4.769 ng

RT: 3.428 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

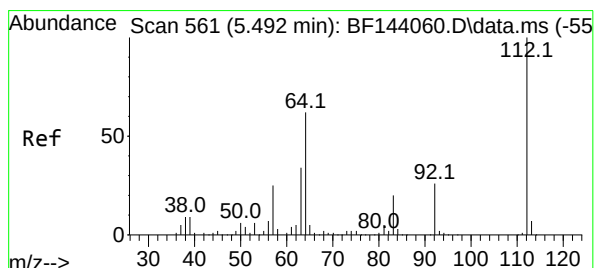
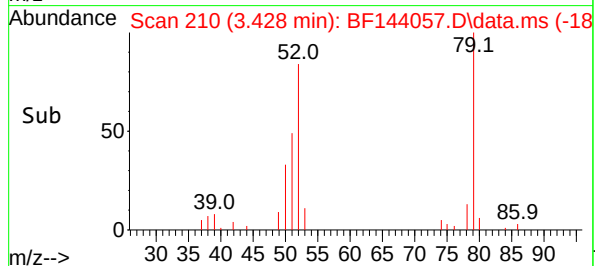
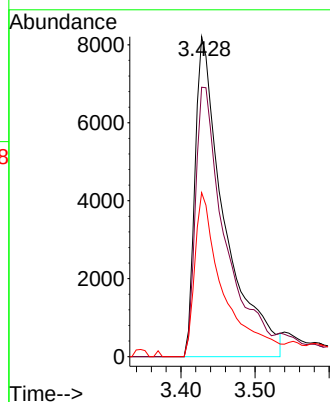
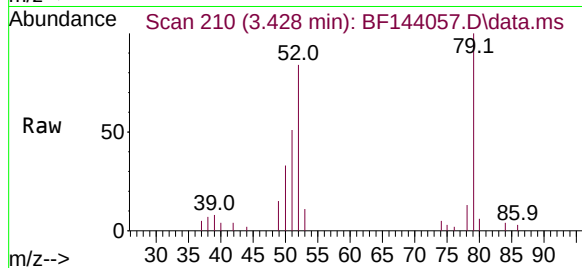
Tgt Ion: 79 Resp: 22571

Ion Ratio Lower Upper

79 100

52 84.2 67.5 101.3

51 51.2 33.6 50.4#



#5

2-Fluorophenol

Concen: 10.471 ng

RT: 5.492 min Scan# 561

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

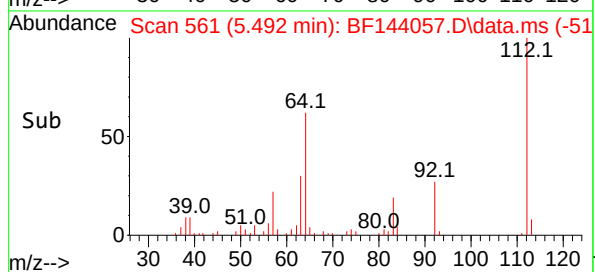
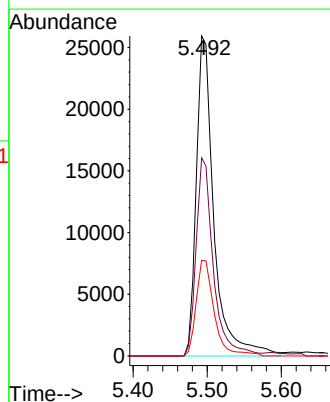
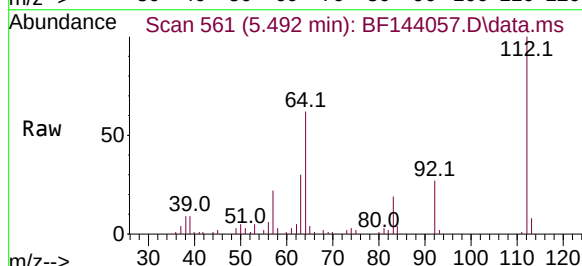
Tgt Ion: 112 Resp: 42841

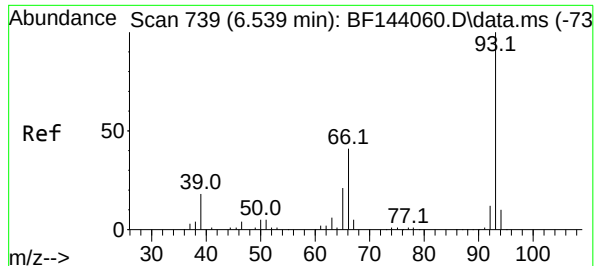
Ion Ratio Lower Upper

112 100

64 61.9 49.8 74.8

63 29.9 27.4 41.2





#6

Aniline

Concen: 5.441 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

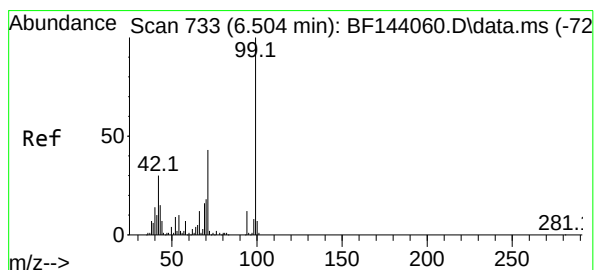
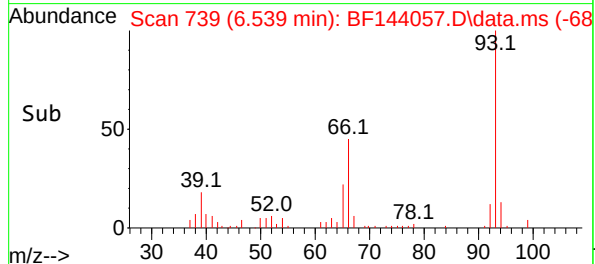
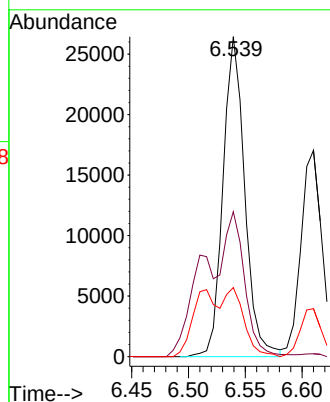
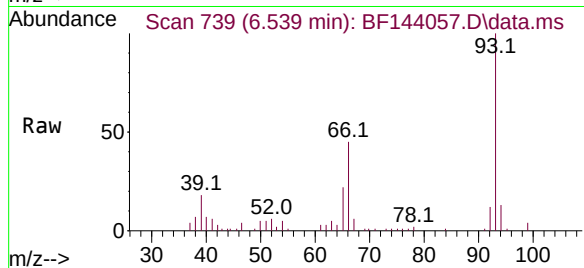
Tgt Ion: 93 Resp: 35169

Ion Ratio Lower Upper

93 100

66 45.3 35.7 53.5

65 21.6 17.0 25.6



#7

Phenol-d6

Concen: 11.088 ng

RT: 6.498 min Scan# 732

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

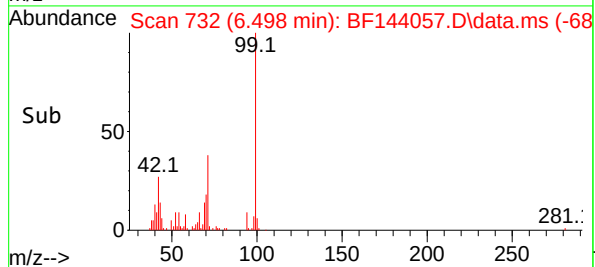
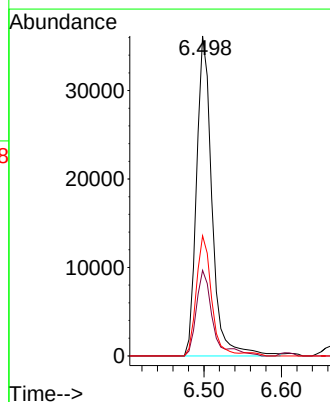
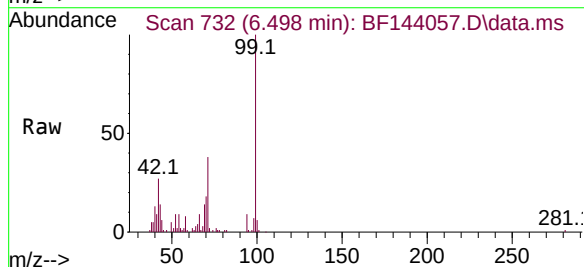
Tgt Ion: 99 Resp: 50099

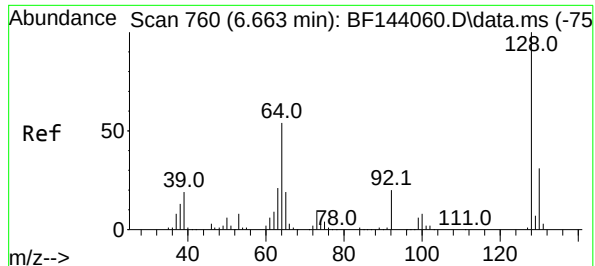
Ion Ratio Lower Upper

99 100

42 26.7 23.9 35.9

71 37.5 34.4 51.6





#8

2-Chlorophenol

Concen: 5.615 ng

RT: 6.663 min Scan# 70

Delta R.T. -0.000 min

Lab File: BF144057.D

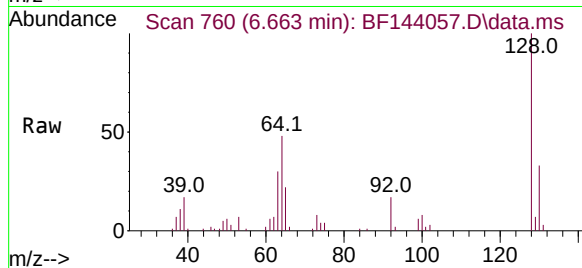
Acq: 24 Oct 2025 10:42

Instrument :

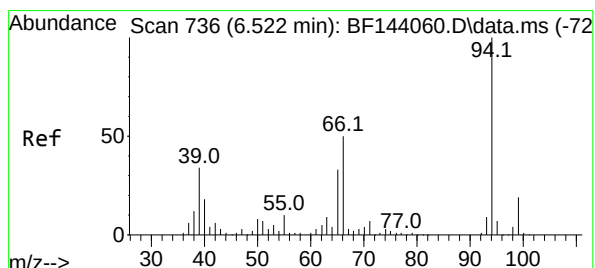
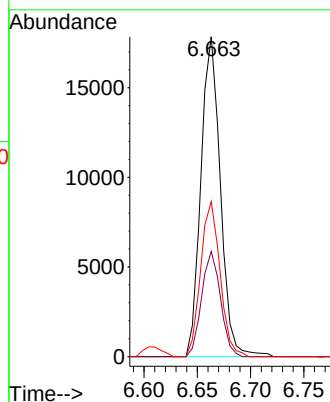
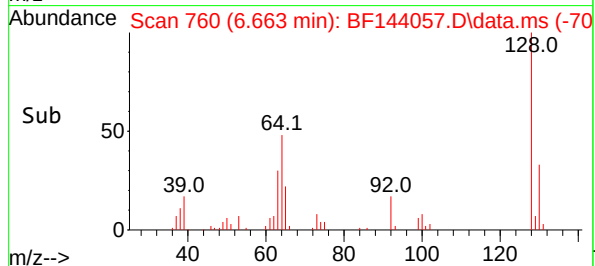
BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:128	Resp:	22623
Ion	Ratio	Lower Upper
128	100	
130	32.9	10.7 50.7
64	48.4	34.7 74.7



#10

Phenol

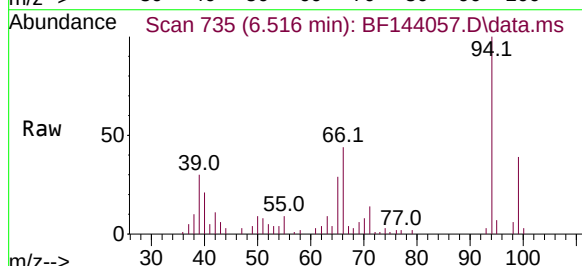
Concen: 5.505 ng

RT: 6.516 min Scan# 735

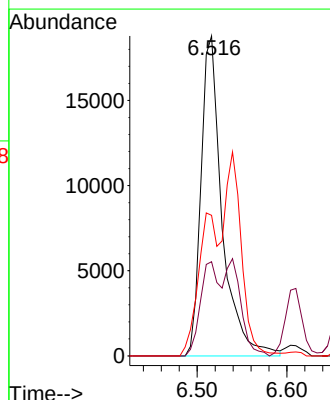
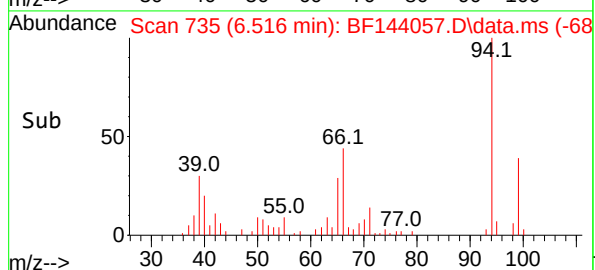
Delta R.T. -0.006 min

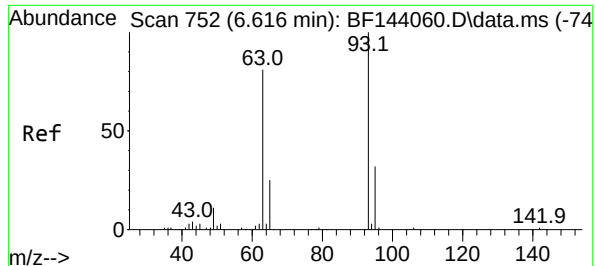
Lab File: BF144057.D

Acq: 24 Oct 2025 10:42



Tgt Ion: 94	Resp:	30686
Ion	Ratio	Lower Upper
94	100	
65	29.4	13.1 53.1
66	43.9	30.6 70.6

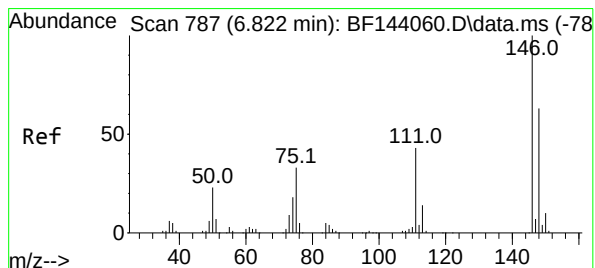
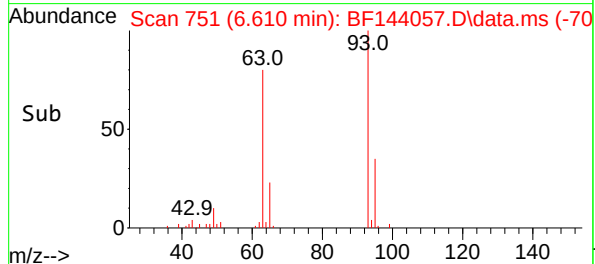
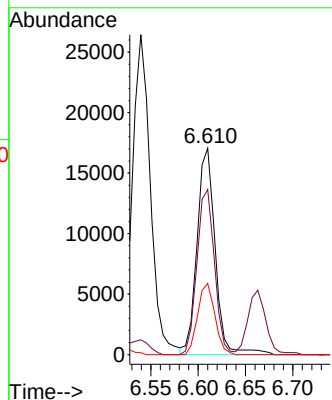
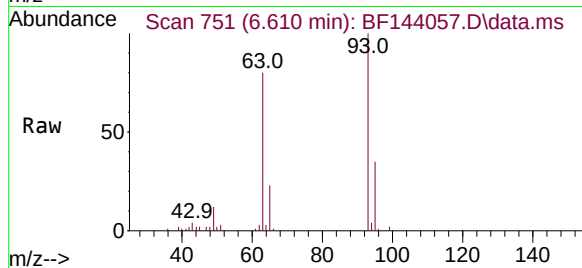




#11
bis(2-Chloroethyl)ether
Concen: 5.650 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

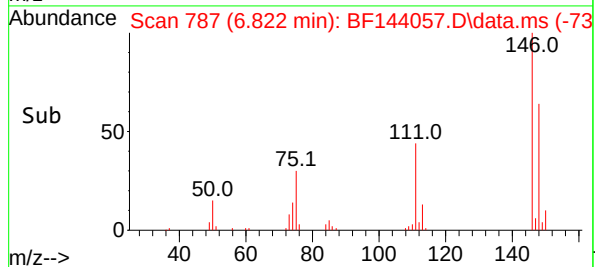
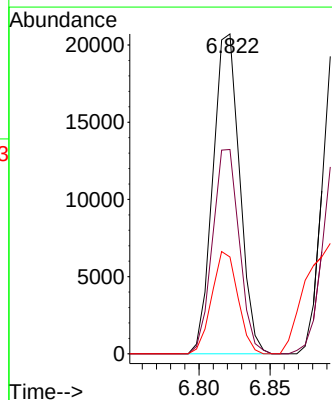
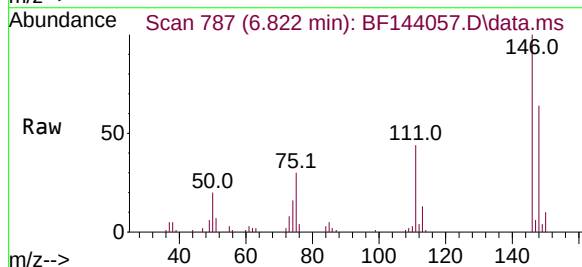
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

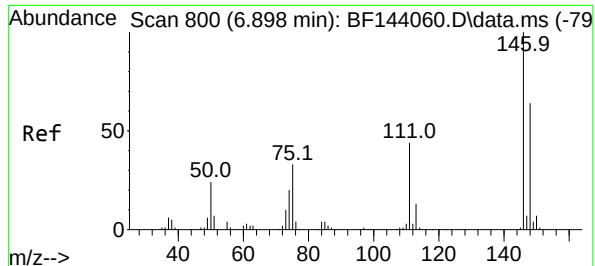
Tgt Ion: 93 Resp: 22757
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 34.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 5.474 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion: 146 Resp: 27208
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 30.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 5.433 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

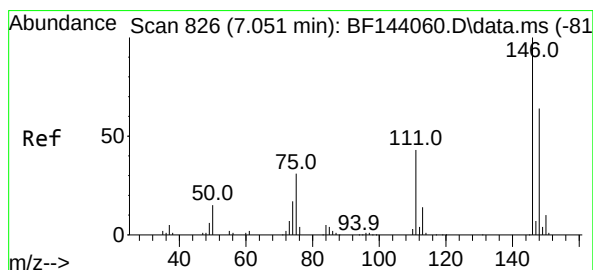
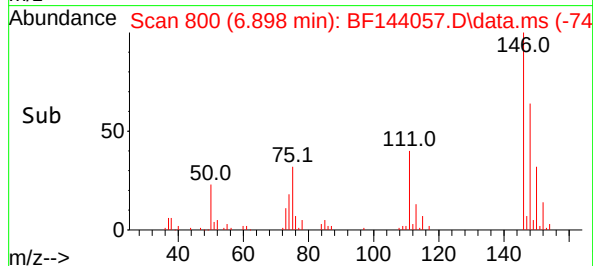
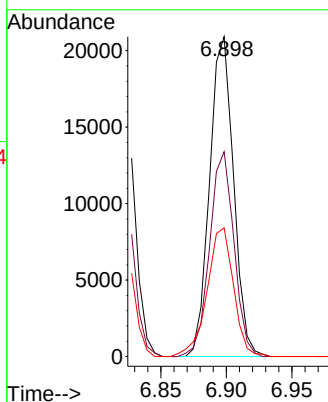
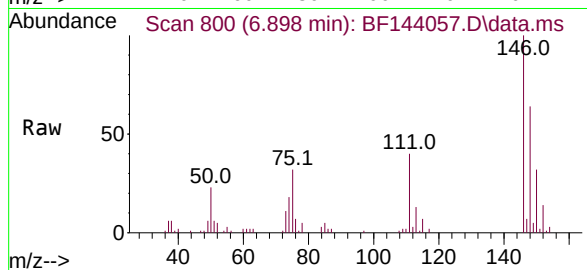
Tgt Ion:146 Resp: 26614

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 40.2 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 5.423 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

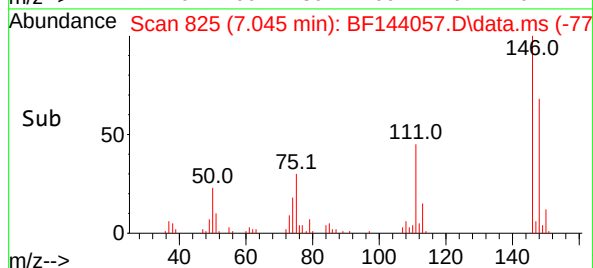
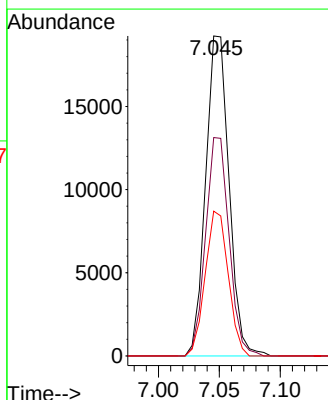
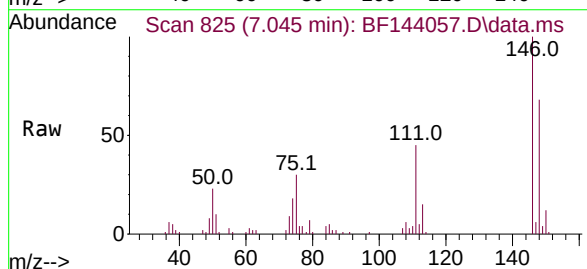
Tgt Ion:146 Resp: 25700

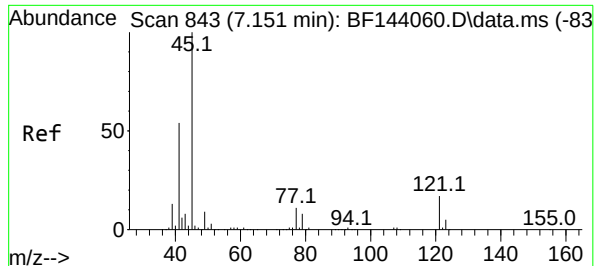
Ion Ratio Lower Upper

146 100

148 68.2 50.8 76.2

111 45.3 34.7 52.1





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.474 ng

RT: 7.145 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

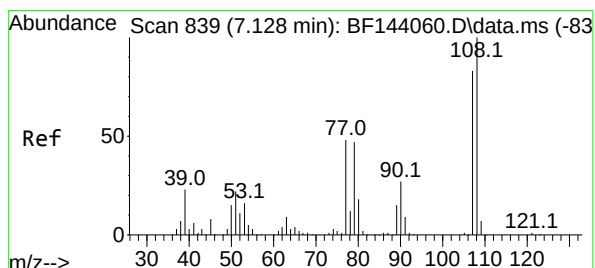
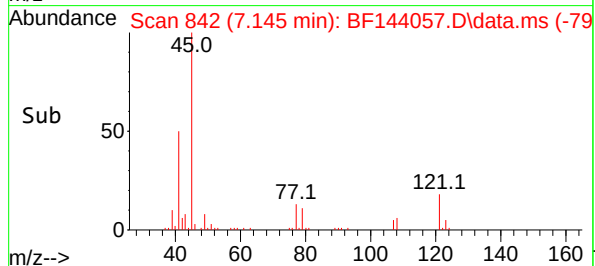
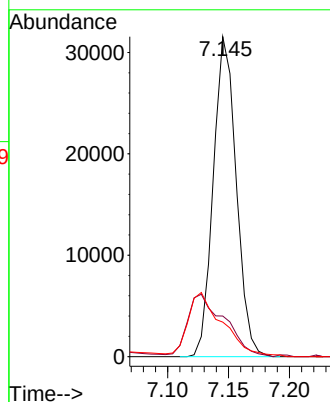
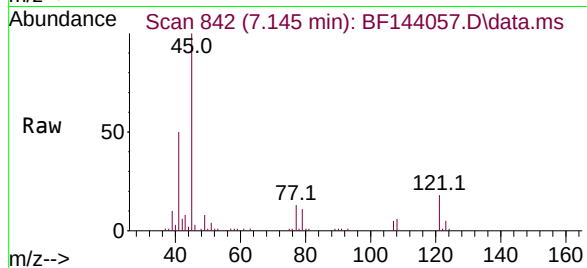
Tgt Ion: 45 Resp: 41443

Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.9

79 10.8 0.0 28.2



#17

2-Methylphenol

Concen: 5.492 ng

RT: 7.128 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:107 Resp: 17019

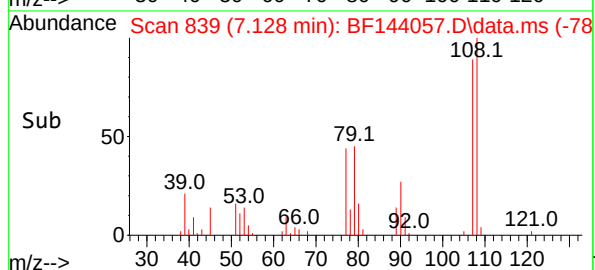
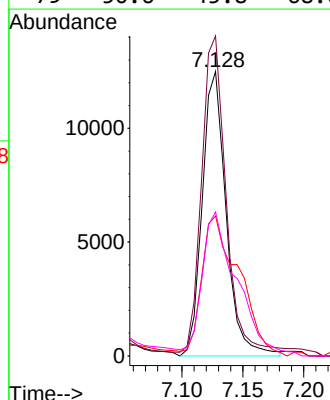
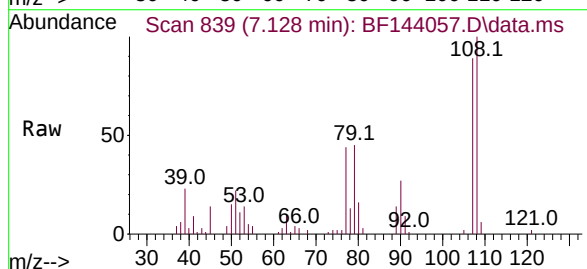
Ion Ratio Lower Upper

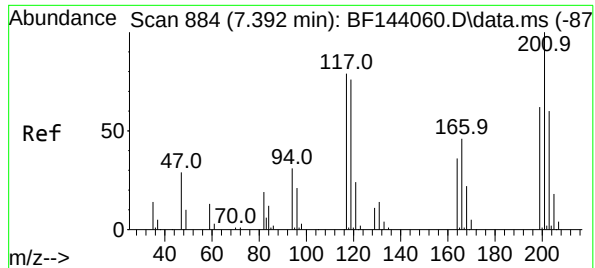
107 100

108 112.5 96.4 144.6

77 49.2 46.8 70.2

79 50.6 45.8 68.6

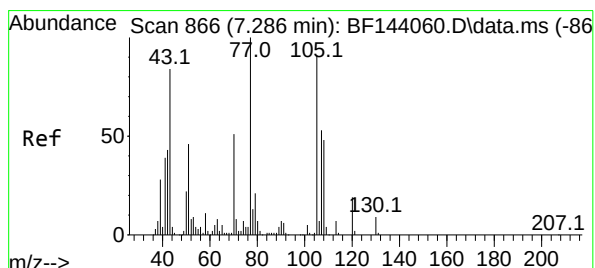
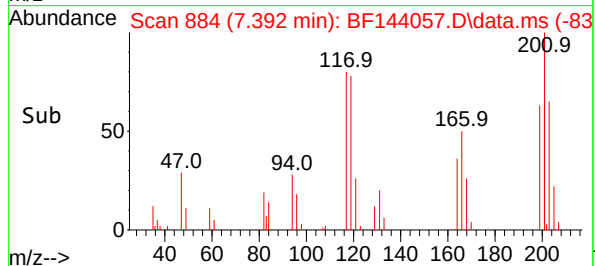
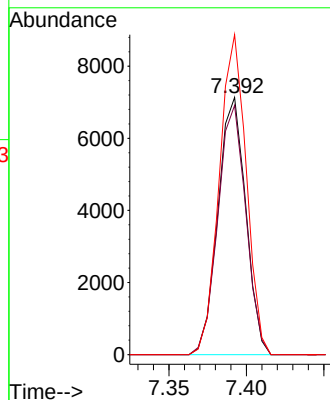
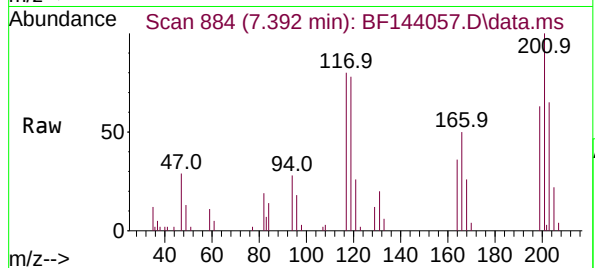




#18
Hexachloroethane
Concen: 5.108 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

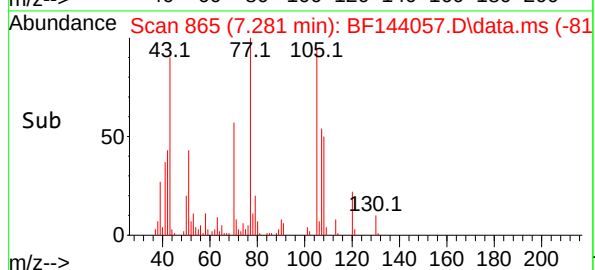
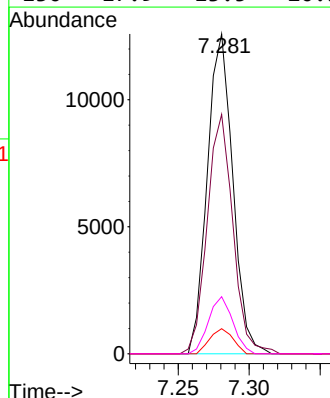
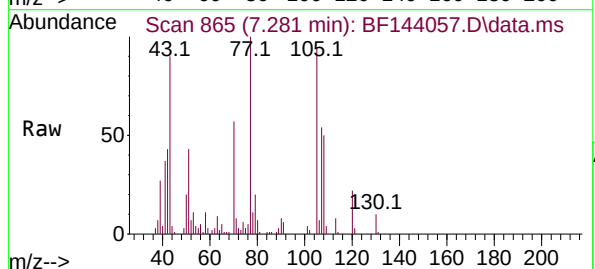
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

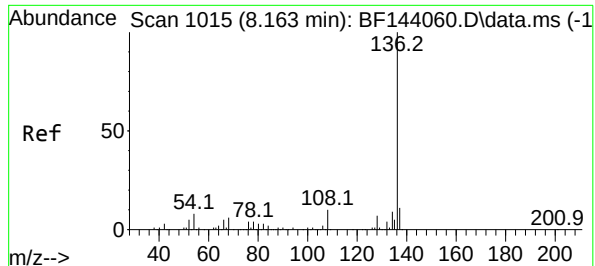
Tgt Ion:117 Resp: 8945
Ion Ratio Lower Upper
117 100
119 96.9 76.6 115.0
201 124.4 100.9 151.3



#19
n-Nitroso-di-n-propylamine
Concen: 5.380 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion: 70 Resp: 15719
Ion Ratio Lower Upper
70 100
42 74.8 67.4 101.0
101 7.9 7.1 10.7
130 17.9 13.5 20.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144057.D

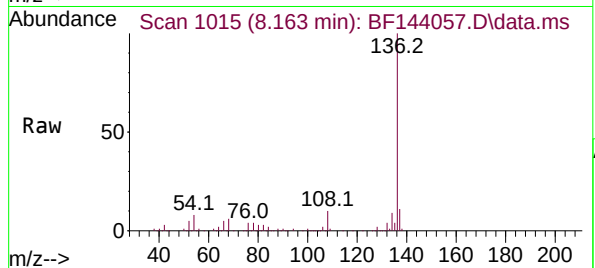
Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:136 Resp: 239688

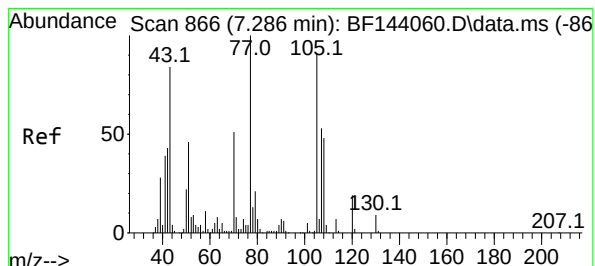
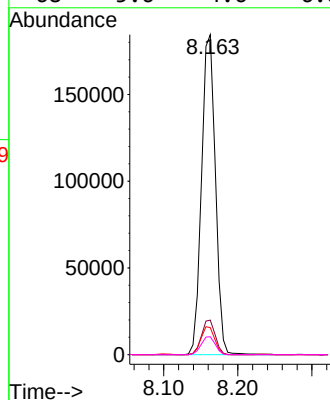
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.4 6.6 9.8

68 5.6 4.6 6.8



#22

Acetophenone

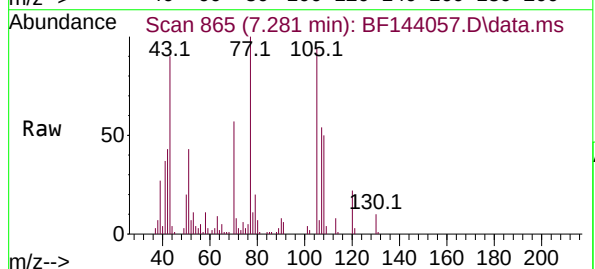
Concen: 5.471 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42



Tgt Ion:105 Resp: 28341

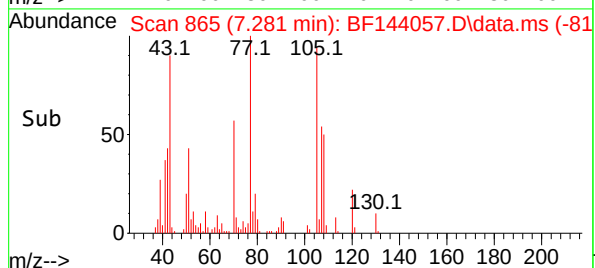
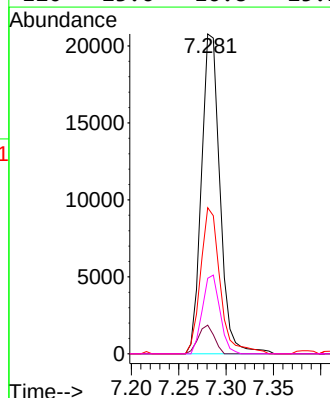
Ion Ratio Lower Upper

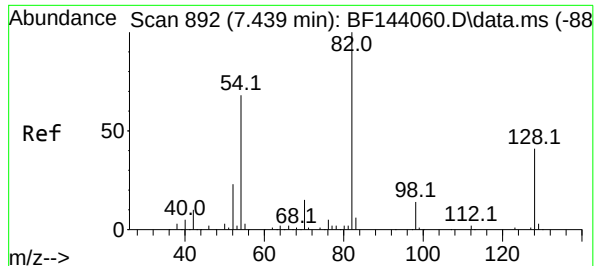
105 100

71 9.0 6.9 10.3

51 45.7 40.6 60.8

120 23.6 16.8 25.2





#23

Nitrobenzene-d5

Concen: 10.317 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

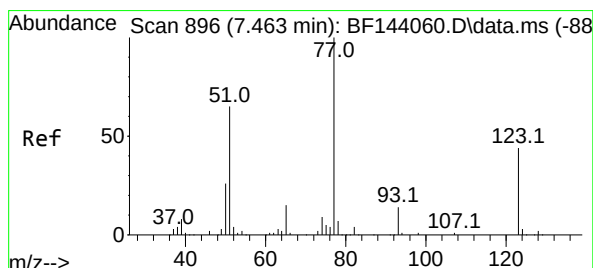
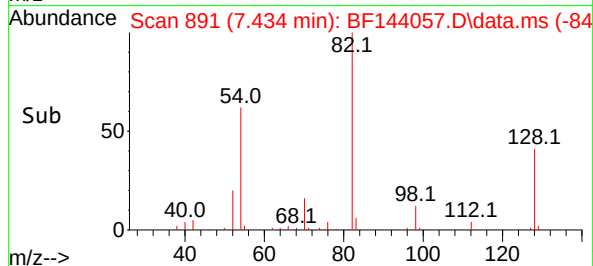
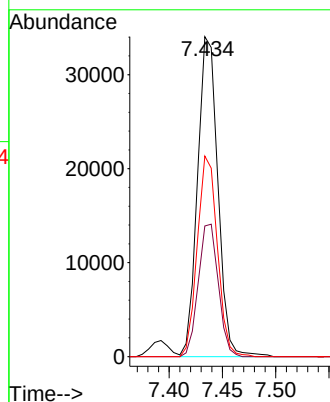
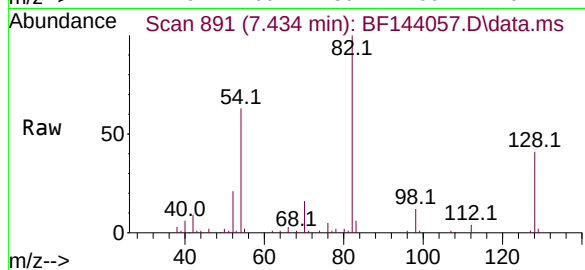
Tgt Ion: 82 Resp: 45136

Ion Ratio Lower Upper

82 100

128 40.9 32.4 48.6

54 62.7 54.0 81.0



#24

Nitrobenzene

Concen: 5.111 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

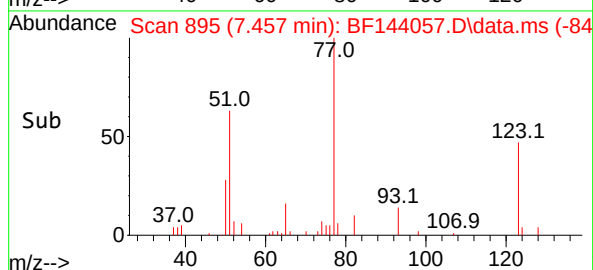
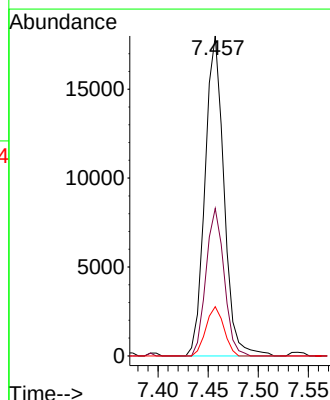
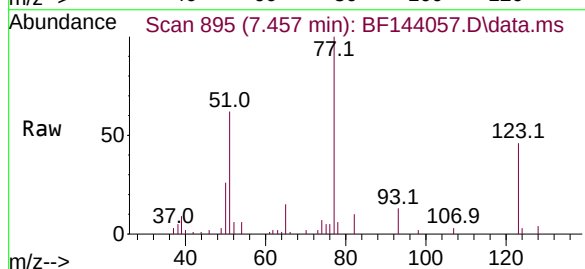
Tgt Ion: 77 Resp: 23655

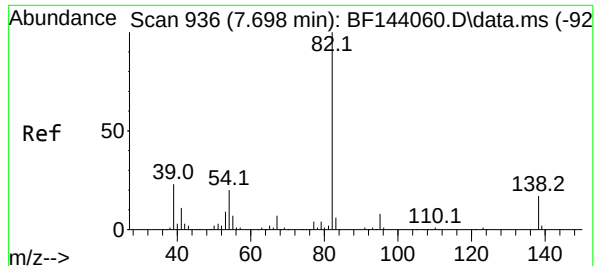
Ion Ratio Lower Upper

77 100

123 46.1 35.0 52.6

65 15.4 12.2 18.2

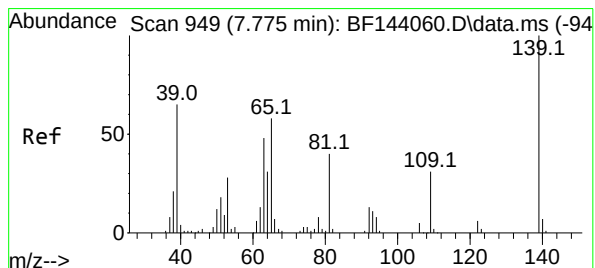
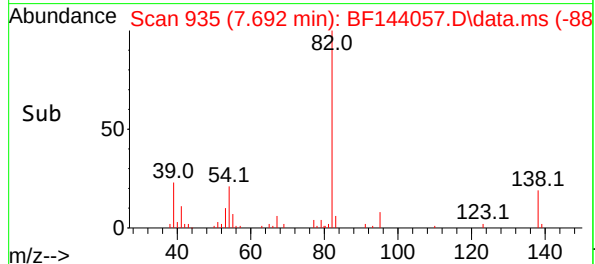
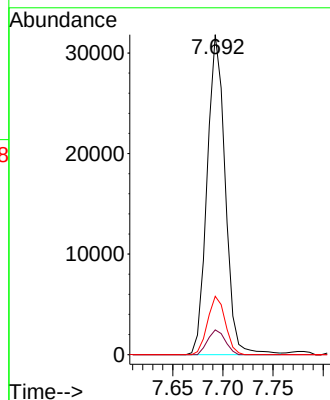
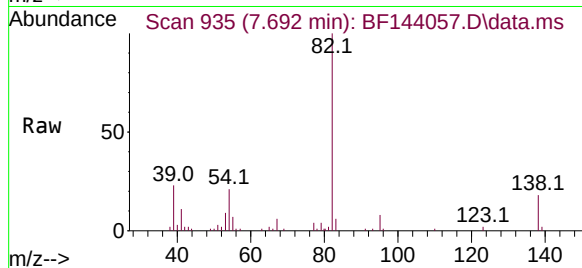




#25
Isophorone
Concen: 5.211 ng
RT: 7.692 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

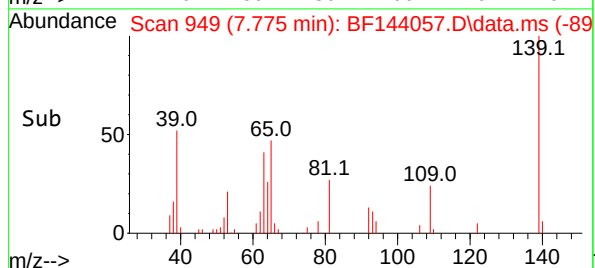
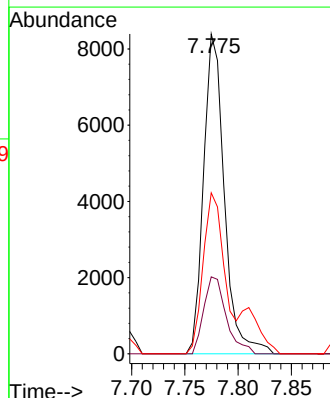
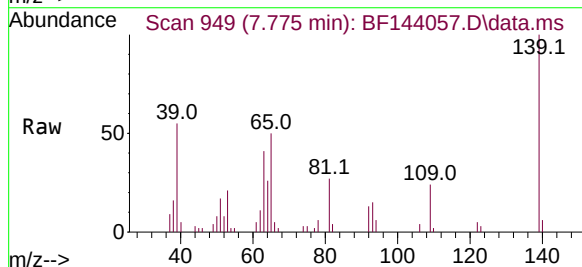
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

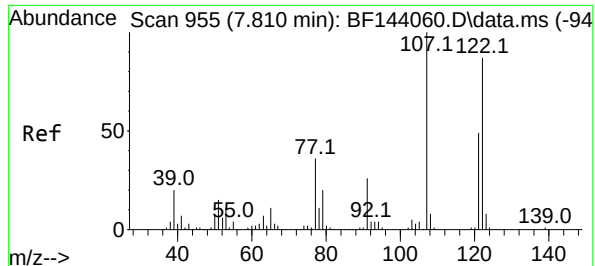
Tgt Ion: 82 Resp: 39860
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 18.2 13.8 20.8



#26
2-Nitrophenol
Concen: 5.166 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion: 139 Resp: 11373
Ion Ratio Lower Upper
139 100
109 24.1 24.6 37.0#
65 50.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 5.287 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

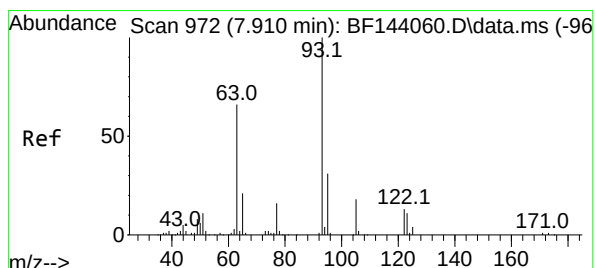
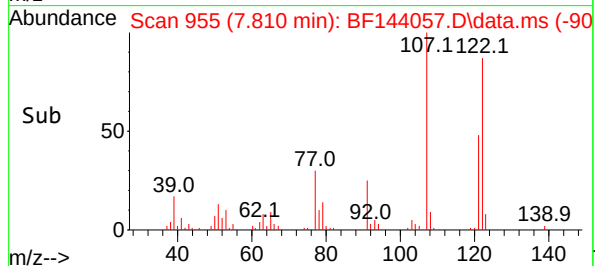
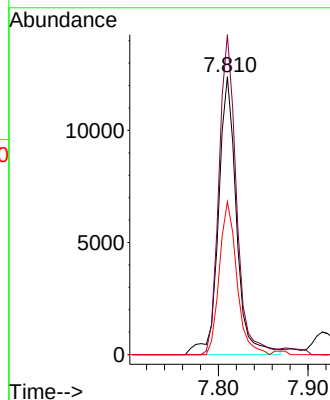
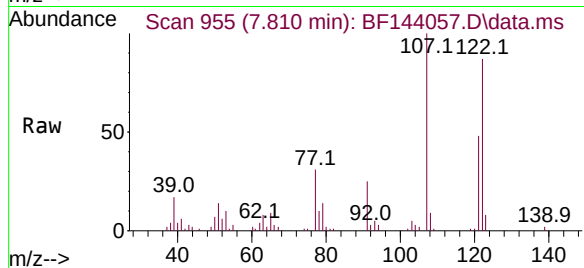
Tgt Ion:122 Resp: 17297

Ion Ratio Lower Upper

122 100

107 115.2 91.8 137.8

121 55.0 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 5.399 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

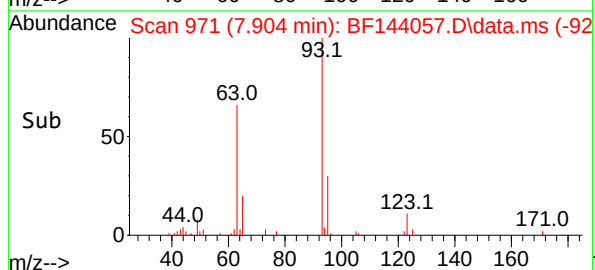
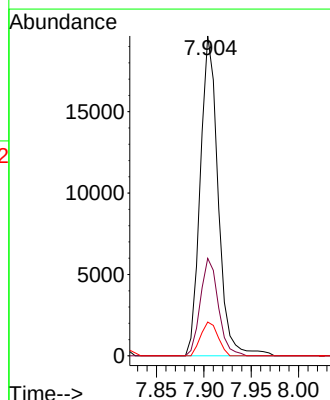
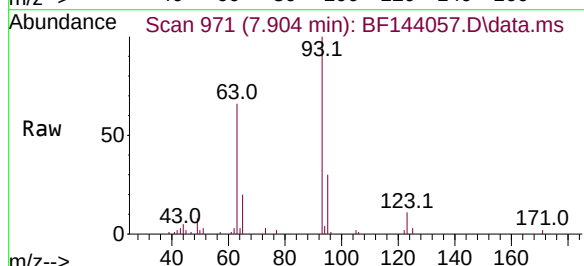
Tgt Ion: 93 Resp: 25751

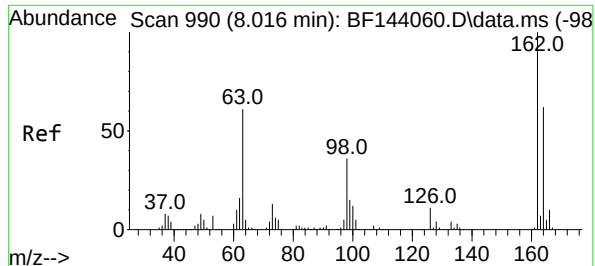
Ion Ratio Lower Upper

93 100

95 30.5 24.6 36.8

123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 5.259 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF144057.D

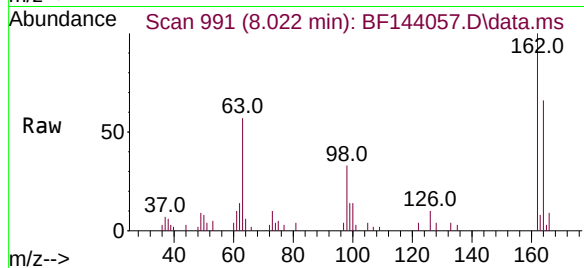
Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



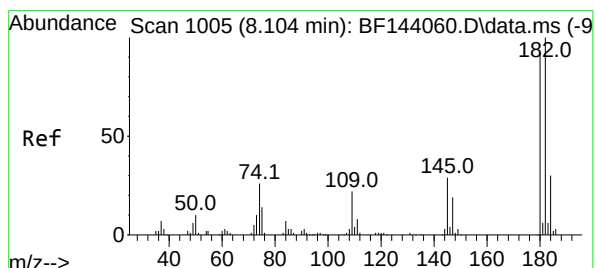
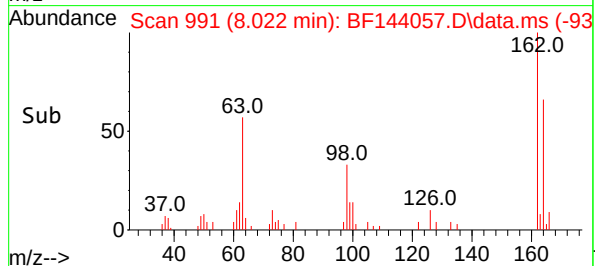
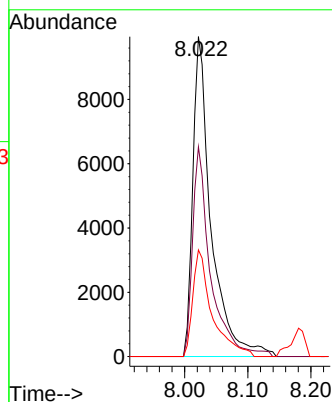
Tgt Ion:162 Resp: 20009

Ion Ratio Lower Upper

162 100

164 65.5 42.1 82.1

98 33.3 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 5.263 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

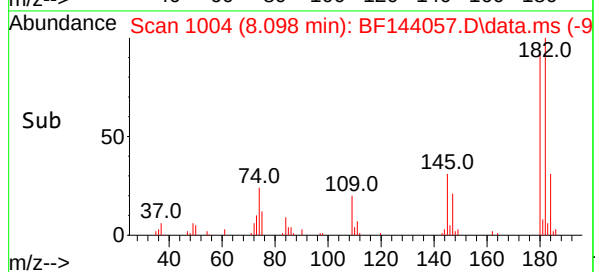
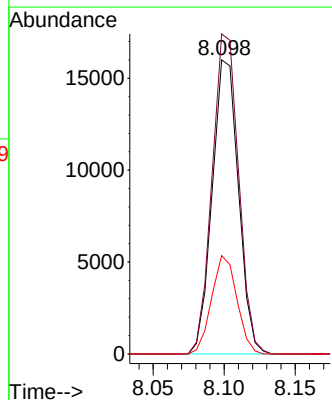
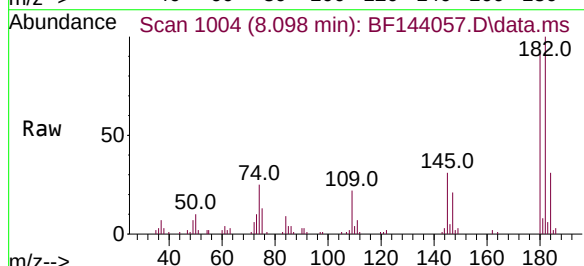
Tgt Ion:180 Resp: 20600

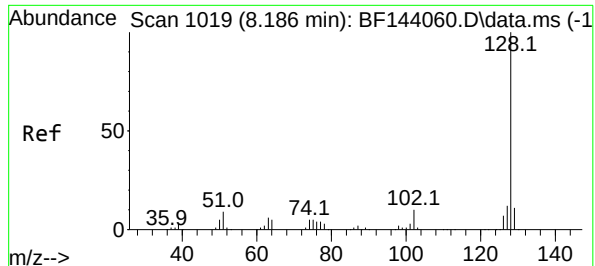
Ion Ratio Lower Upper

180 100

182 108.9 87.1 130.7

145 33.4 25.3 37.9





#31

Naphthalene

Concen: 5.585 ng

RT: 8.181 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

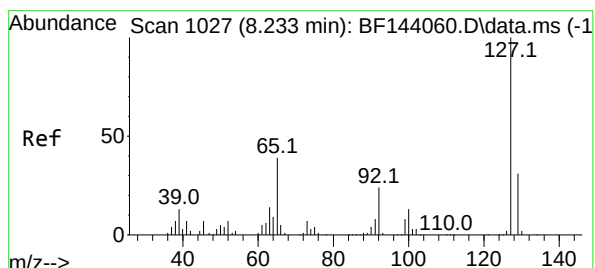
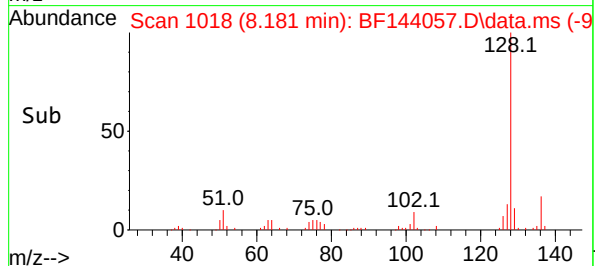
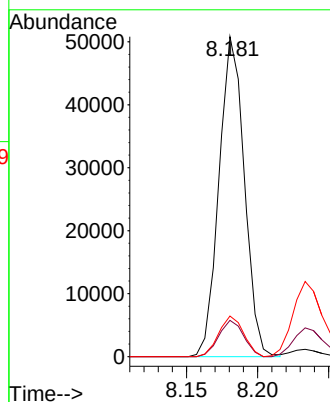
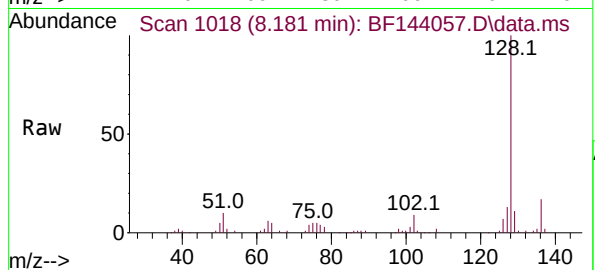
Tgt Ion:128 Resp: 63185

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

127 12.7 9.9 14.9



#33

4-Chloroaniline

Concen: 5.047 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:127 Resp: 19875

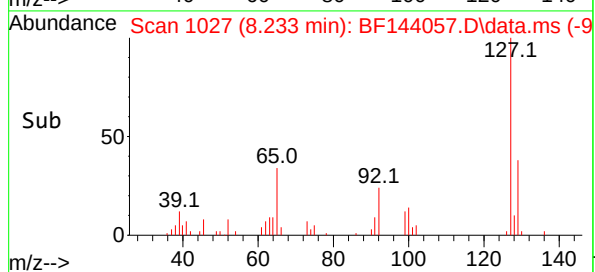
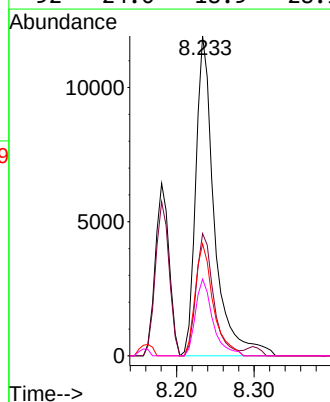
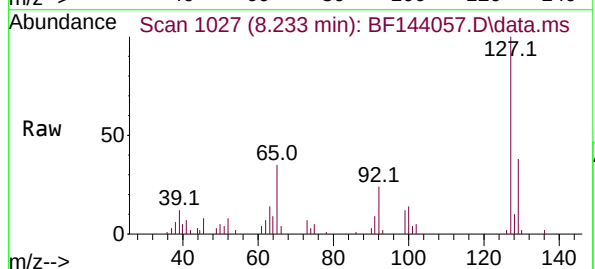
Ion Ratio Lower Upper

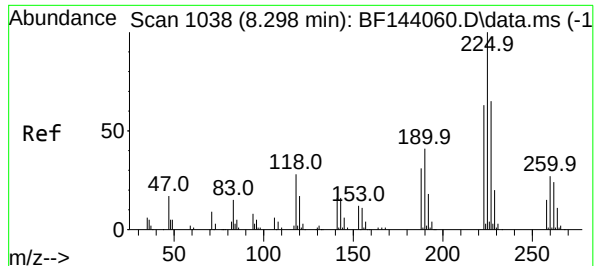
127 100

129 38.2 25.6 38.4

65 35.0 30.9 46.3

92 24.0 18.9 28.3





#34

Hexachlorobutadiene

Concen: 5.218 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

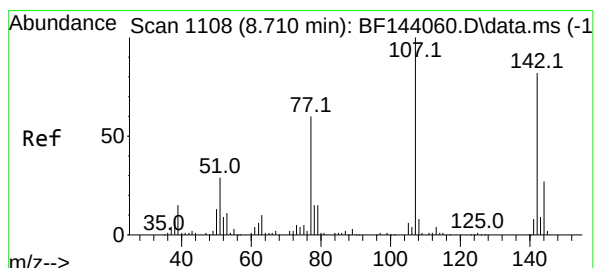
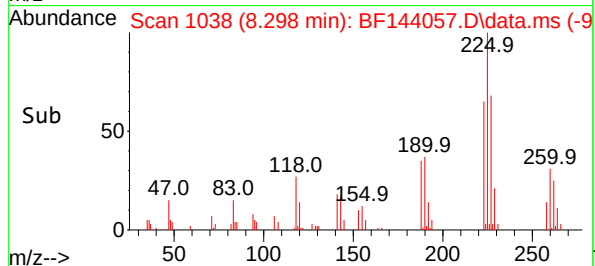
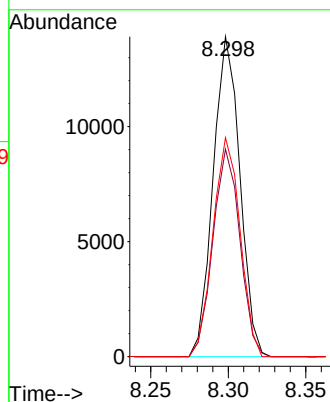
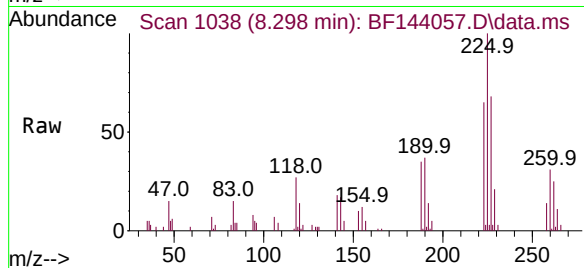
Tgt Ion:225 Resp: 16702

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

227 68.4 51.8 77.8



#36

4-Chloro-3-methylphenol

Concen: 5.384 ng

RT: 8.710 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

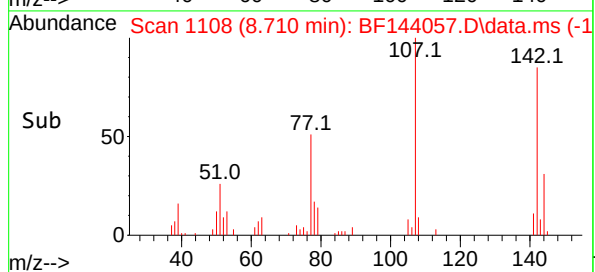
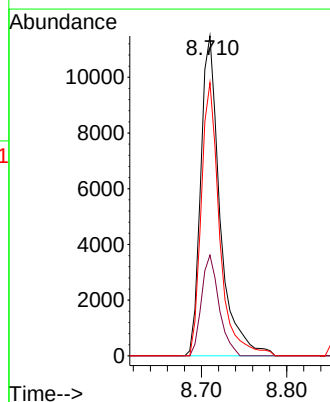
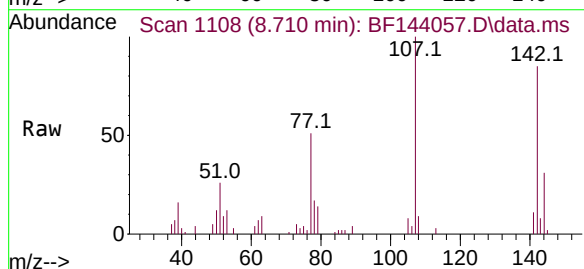
Tgt Ion:107 Resp: 18077

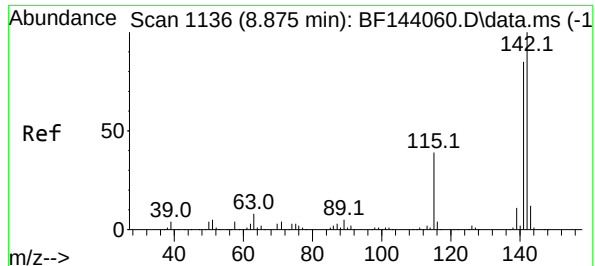
Ion Ratio Lower Upper

107 100

144 31.5 21.6 32.4

142 85.4 65.4 98.0





#37

2-Methylnaphthalene

Concen: 5.766 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

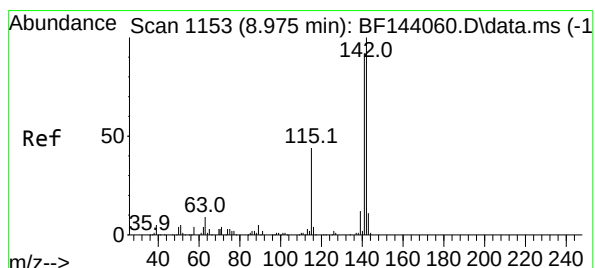
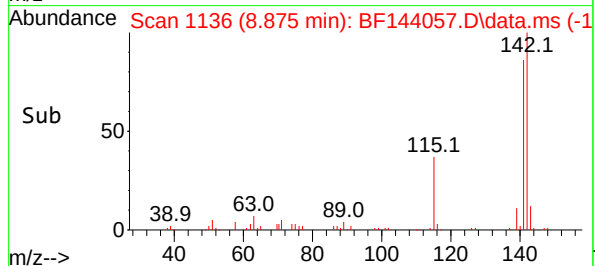
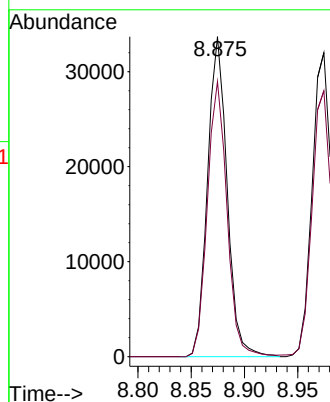
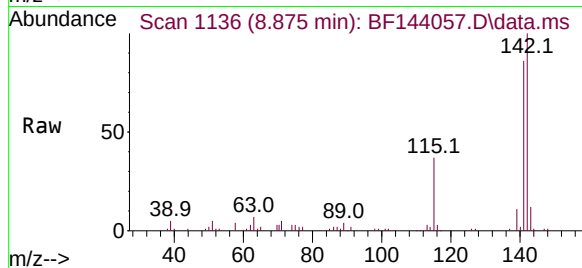
SSTDICC005

Tgt Ion:142 Resp: 43006

Ion Ratio Lower Upper

142 100

141 86.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 5.806 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144057.D

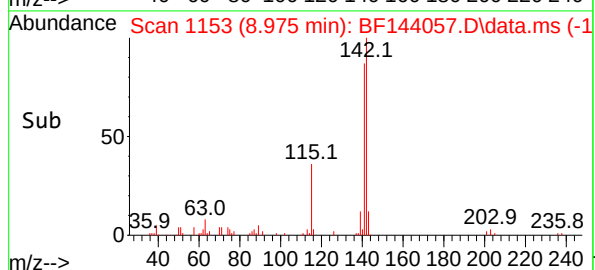
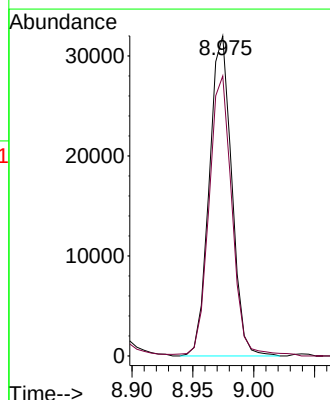
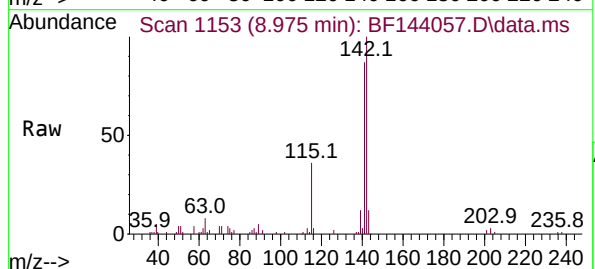
Acq: 24 Oct 2025 10:42

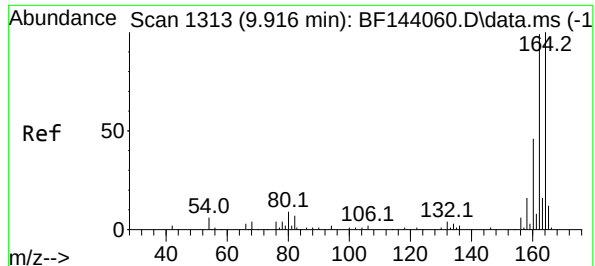
Tgt Ion:142 Resp: 41029

Ion Ratio Lower Upper

142 100

141 87.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

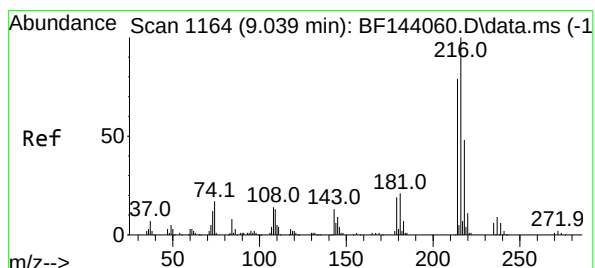
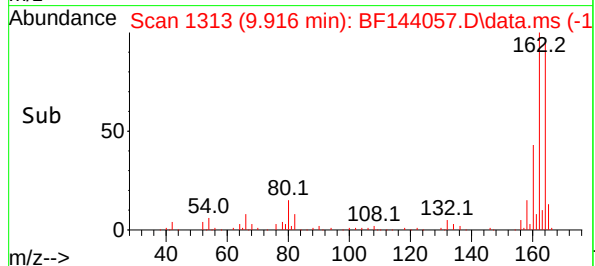
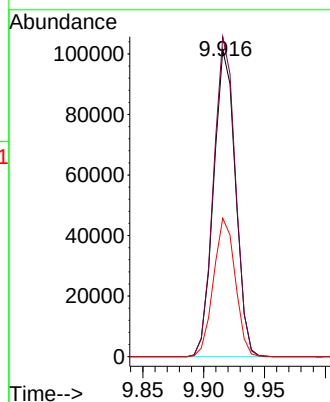
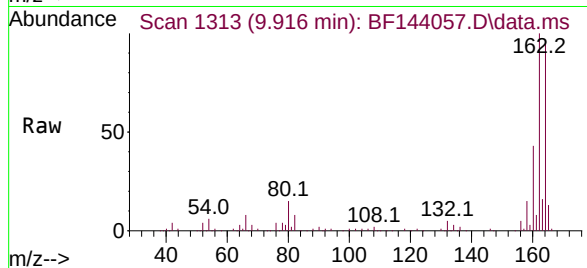
Tgt Ion:164 Resp: 127182

Ion Ratio Lower Upper

164 100

162 104.2 79.4 119.2

160 45.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.651 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Tgt Ion:216 Resp: 24701

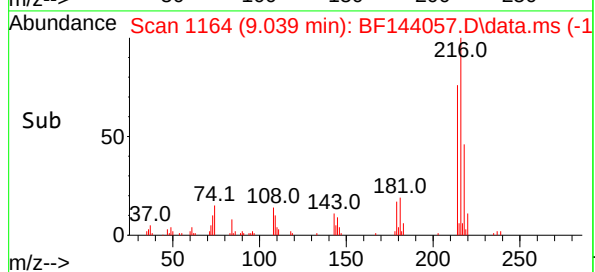
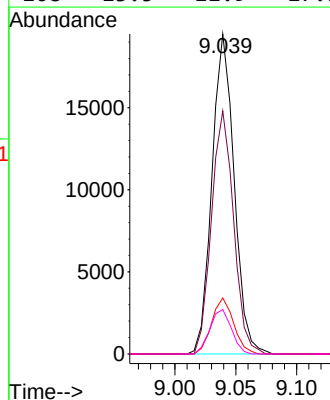
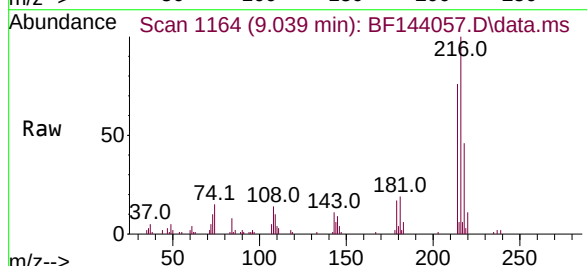
Ion Ratio Lower Upper

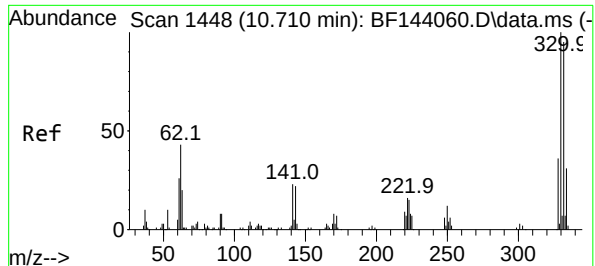
216 100

214 75.6 63.2 94.8

179 17.3 15.2 22.8

108 13.5 11.9 17.9





#42

2,4,6-Tribromophenol

Concen: 9.848 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

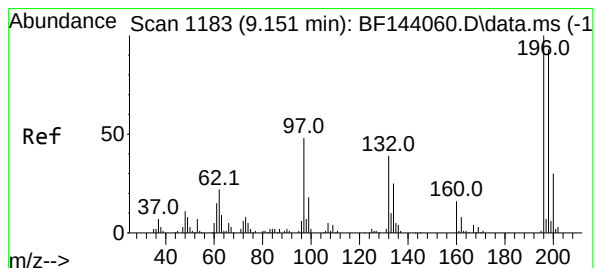
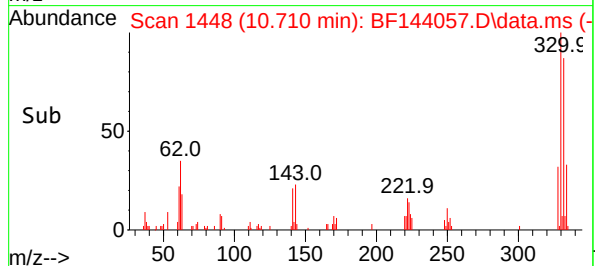
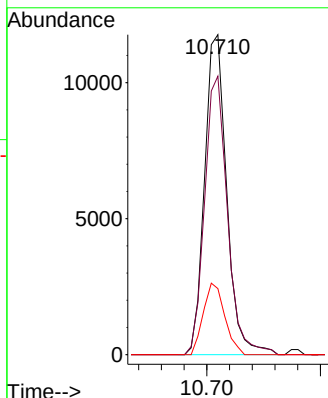
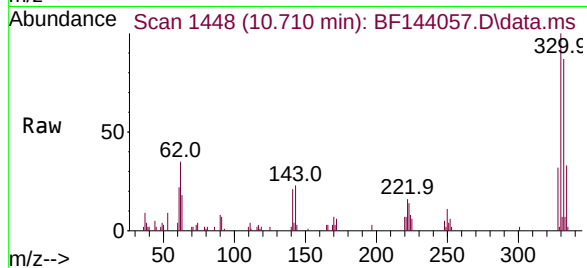
Tgt Ion:330 Resp: 15954

Ion Ratio Lower Upper

330 100

332 89.7 77.0 115.6

141 21.6 19.4 29.0



#43

2,4,6-Trichlorophenol

Concen: 4.813 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

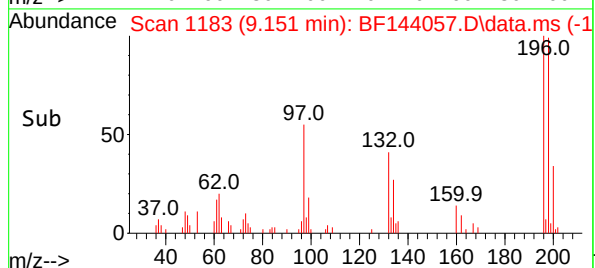
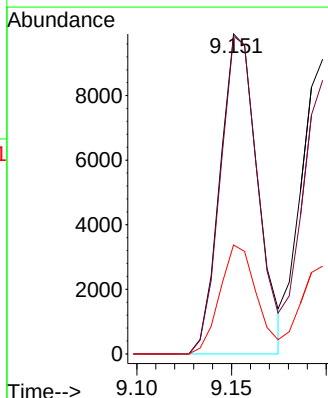
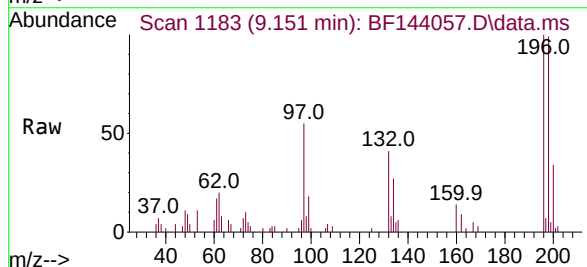
Tgt Ion:196 Resp: 13673

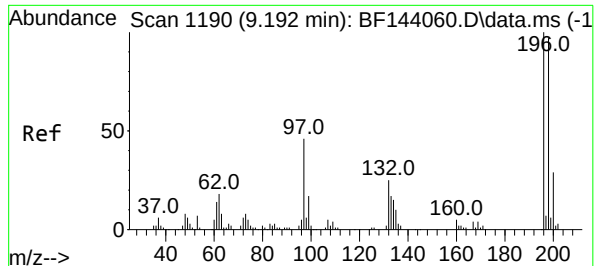
Ion Ratio Lower Upper

196 100

198 99.3 74.4 111.6

200 34.0 23.8 35.8





#44

2,4,5-Trichlorophenol

Concen: 5.208 ng

RT: 9.198 min Scan# 1190

Delta R.T. 0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:196 Resp: 15530

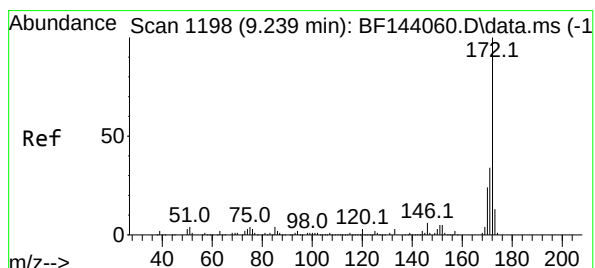
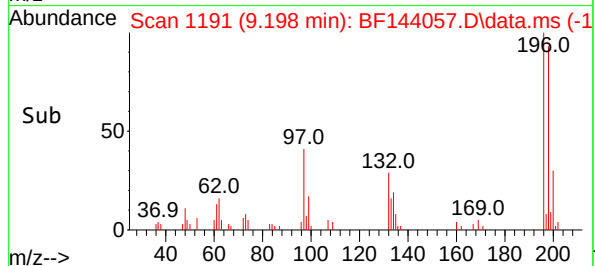
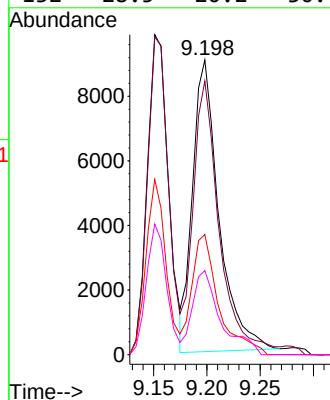
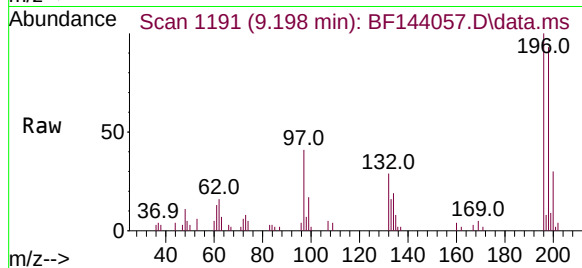
Ion Ratio Lower Upper

196 100

198 92.9 78.0 117.0

97 40.7 37.7 56.5

132 28.5 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 11.641 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

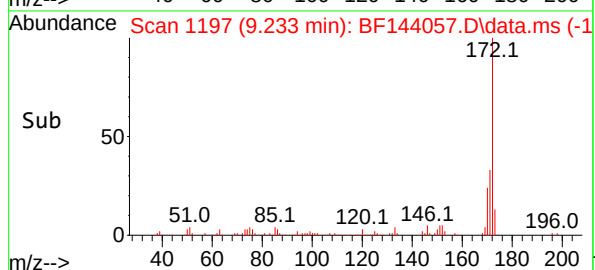
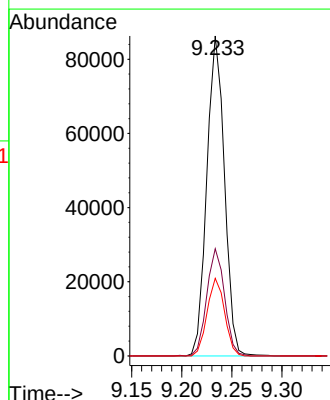
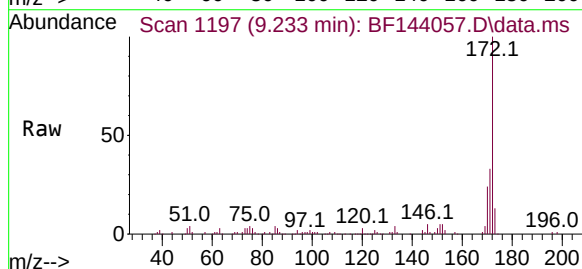
Tgt Ion:172 Resp: 105210

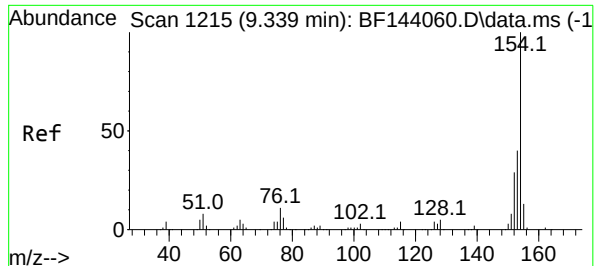
Ion Ratio Lower Upper

172 100

171 33.5 27.5 41.3

170 24.2 19.0 28.6





#46

1,1'-Biphenyl

Concen: 5.635 ng

RT: 9.333 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

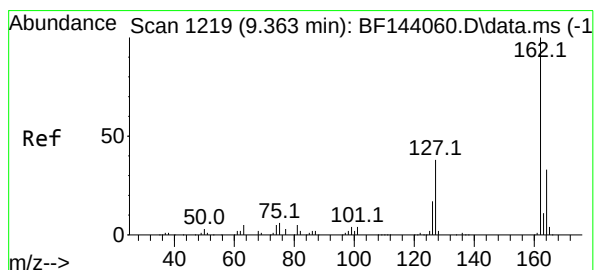
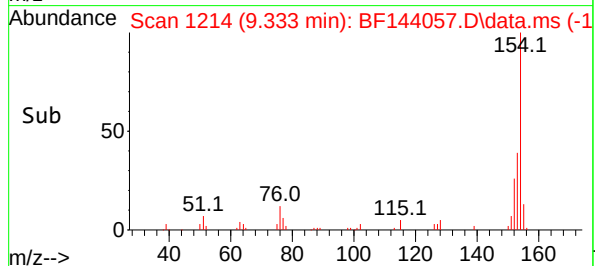
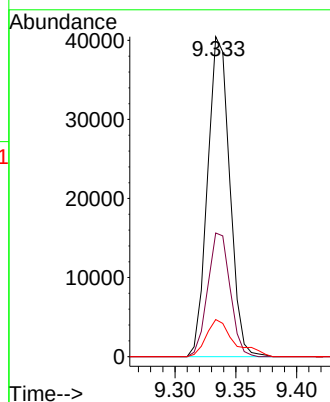
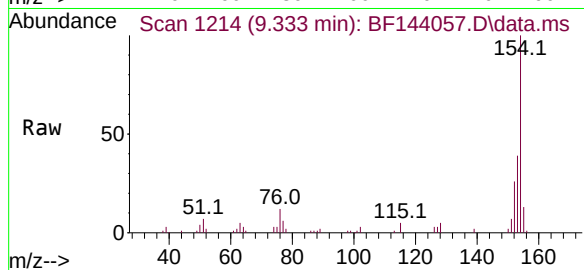
Tgt Ion:154 Resp: 51299

Ion Ratio Lower Upper

154 100

153 38.6 19.7 59.7

76 11.6 0.0 31.1



#47

2-Chloronaphthalene

Concen: 5.571 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

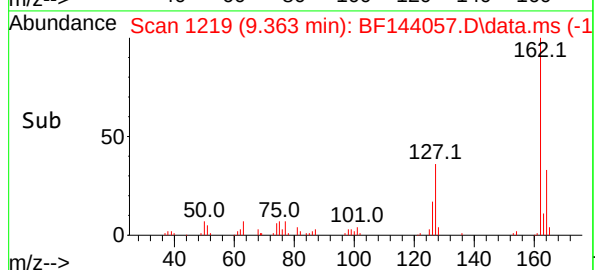
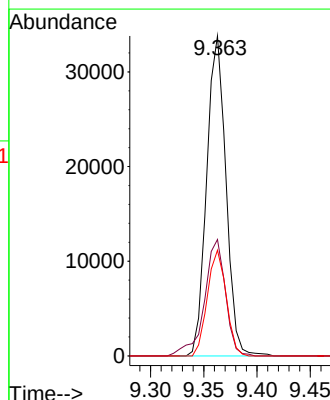
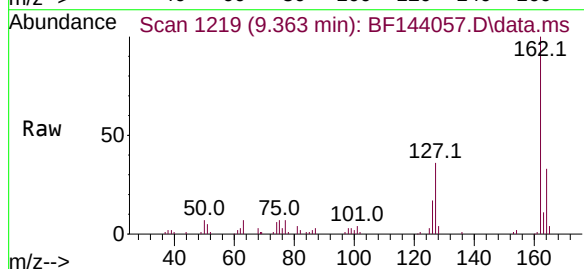
Tgt Ion:162 Resp: 42492

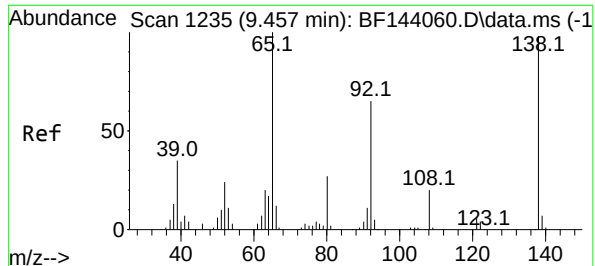
Ion Ratio Lower Upper

162 100

127 36.4 31.6 47.4

164 33.0 26.5 39.7

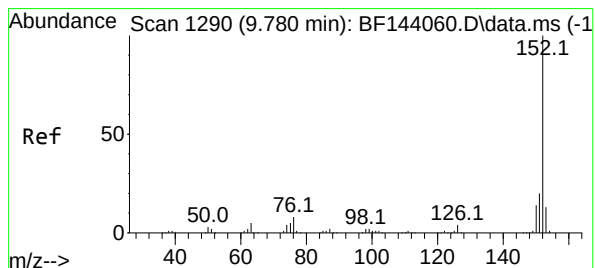
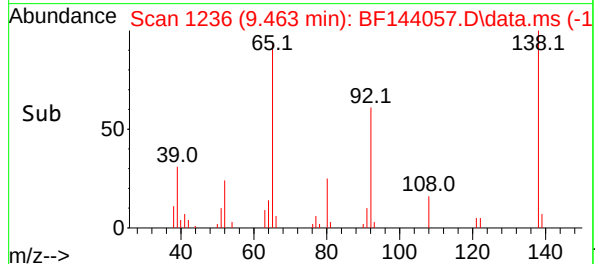
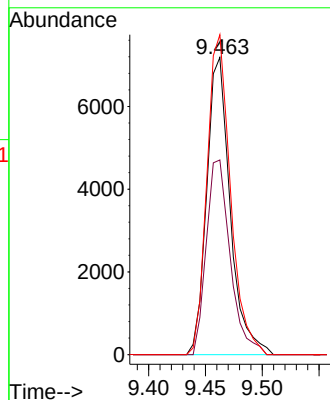
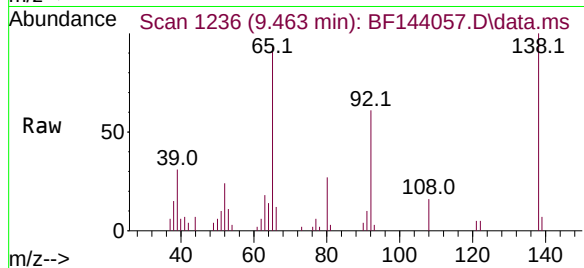




#48
2-Nitroaniline
Concen: 4.568 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

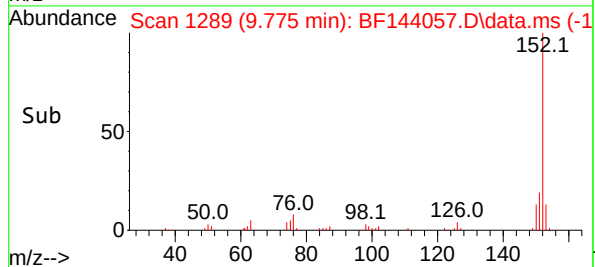
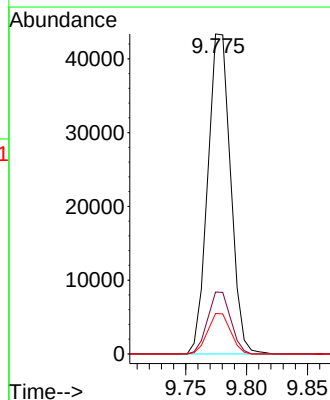
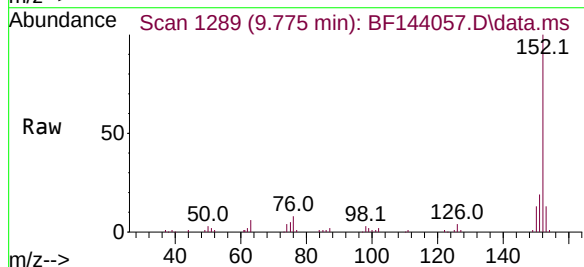
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

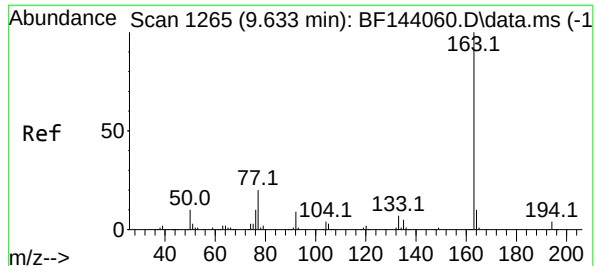
Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	52.3	78.5
138	107.7	78.3	117.5



#49
Acenaphthylene
Concen: 5.502 ng
RT: 9.775 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	12.6	10.4	15.6

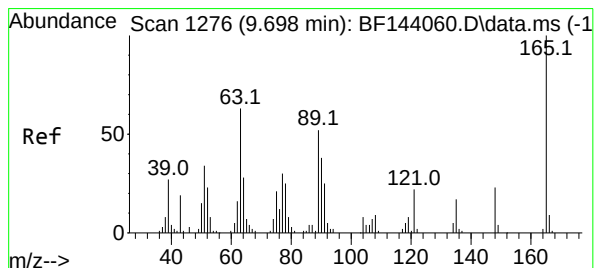
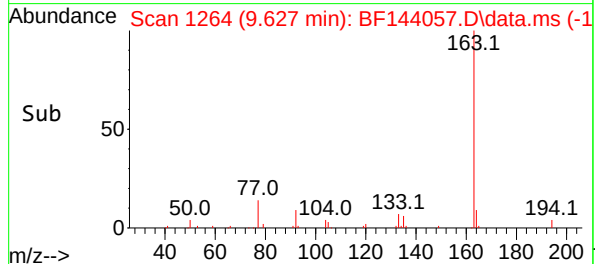
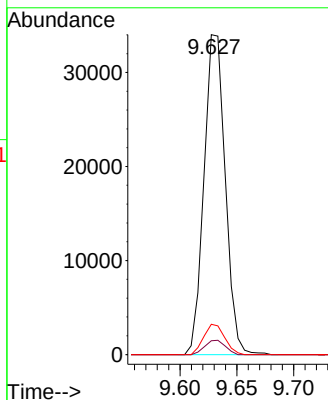
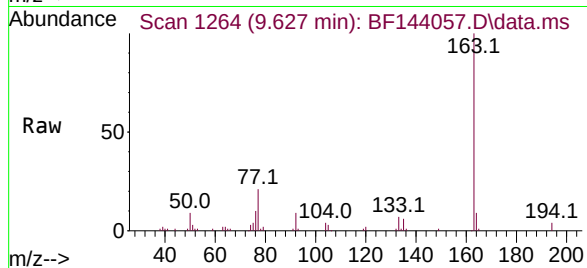




#50
Dimethylphthalate
Concen: 5.332 ng
RT: 9.627 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

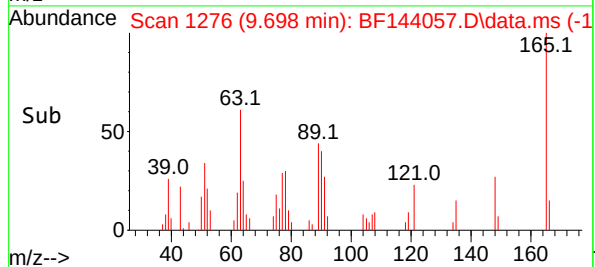
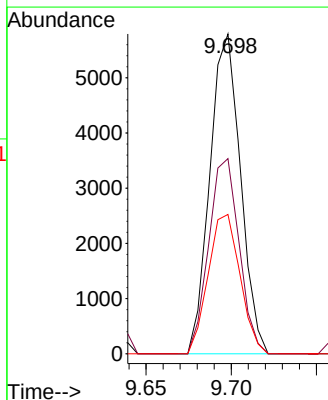
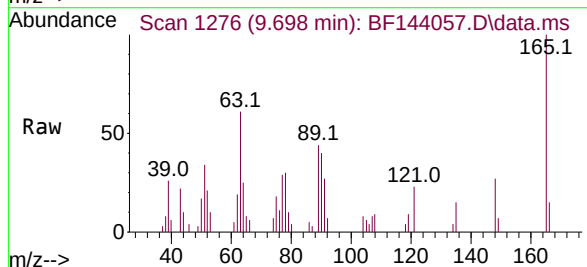
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

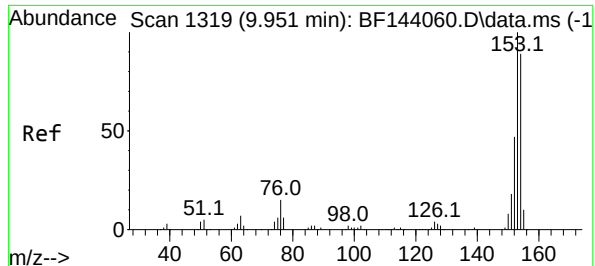
Tgt Ion:163 Resp: 44452
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.5 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 4.392 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:165 Resp: 7239
Ion Ratio Lower Upper
165 100
63 61.0 50.4 75.6
89 43.6 41.4 62.2





#52

Acenaphthene

Concen: 5.208 ng

RT: 9.951 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF144057.D

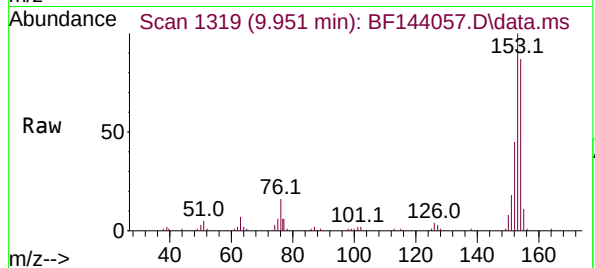
Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

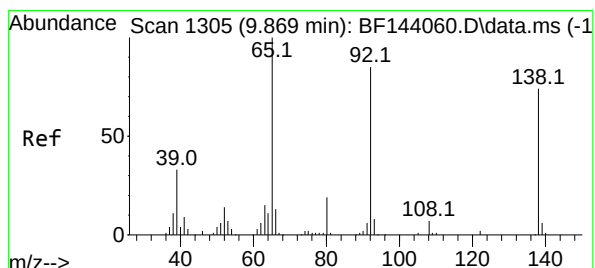
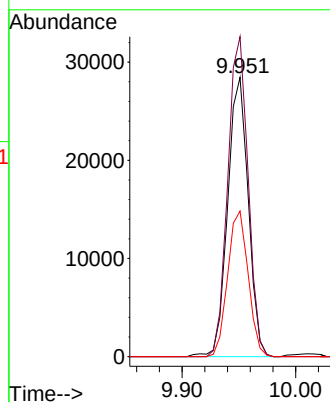
ClientSampleId :

SSTDICC005



Tgt Ion:154 Resp: 35769

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.9	134.9
152	52.1	42.0	63.0



#53

3-Nitroaniline

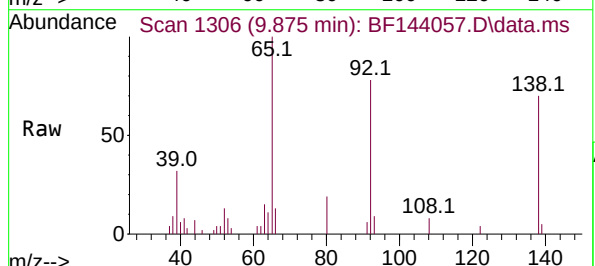
Concen: 4.792 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

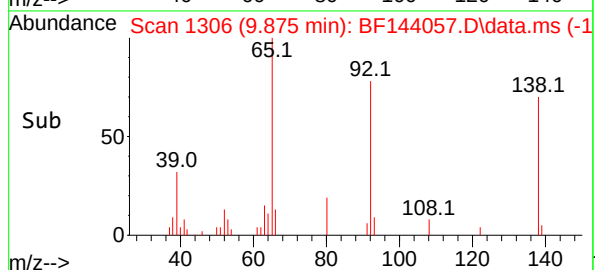
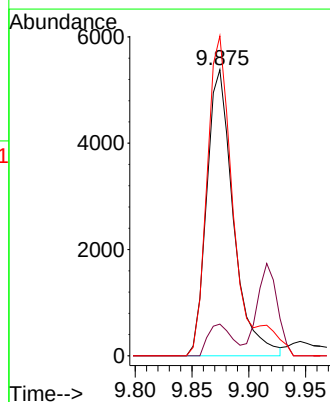
Lab File: BF144057.D

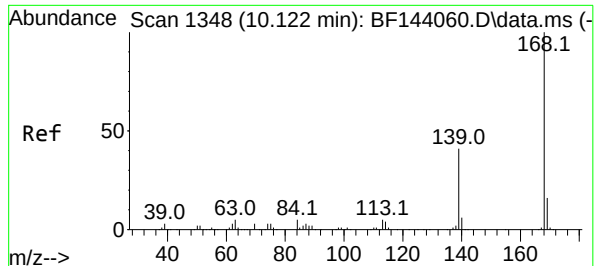
Acq: 24 Oct 2025 10:42



Tgt Ion:138 Resp: 8780

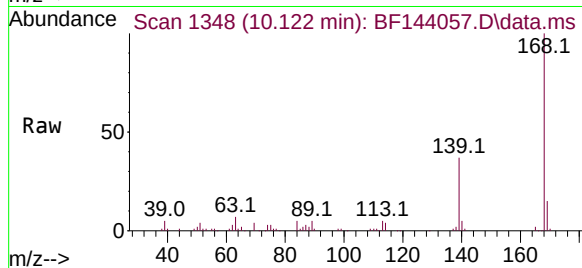
Ion	Ratio	Lower	Upper
138	100		
108	11.1	7.9	11.9
92	111.8	92.0	138.0



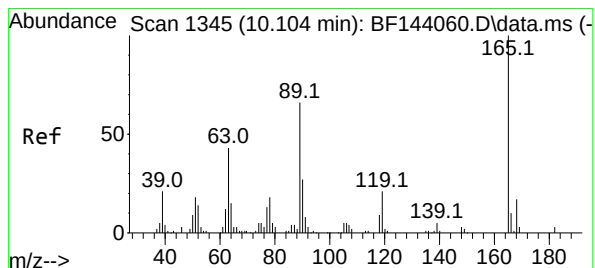
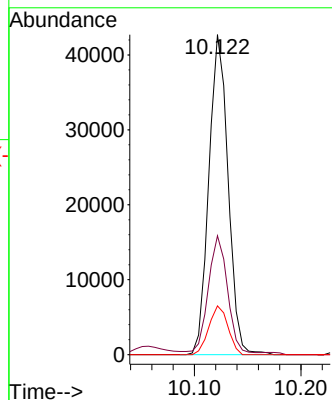
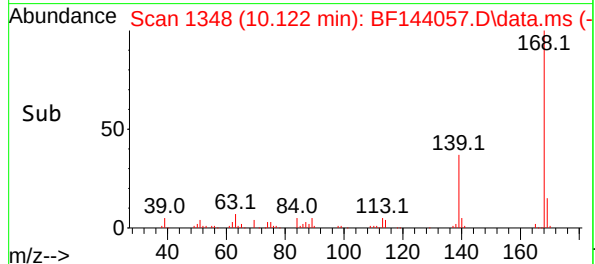


#55
Dibenzofuran
Concen: 5.620 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

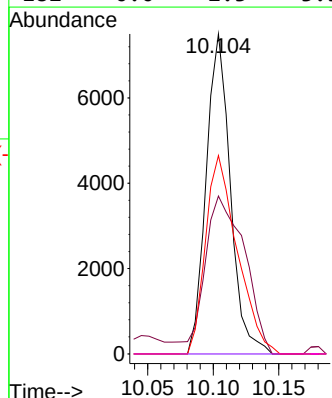
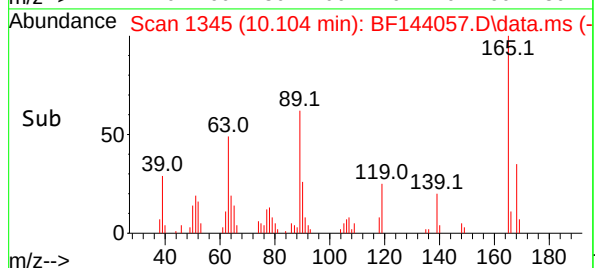
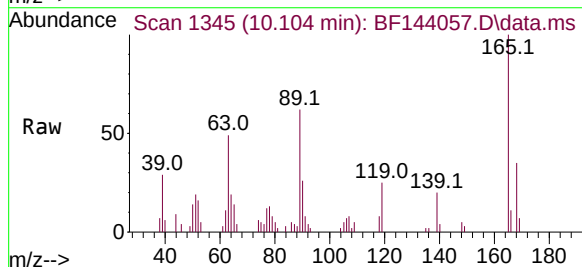


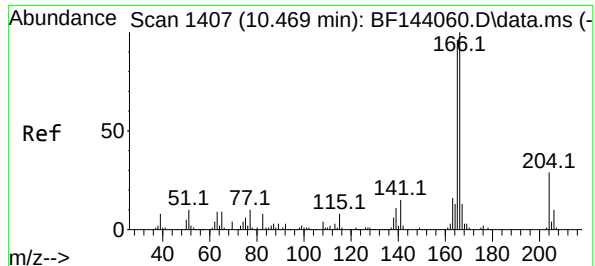
Tgt Ion:168 Resp: 53591
Ion Ratio Lower Upper
168 100
139 37.1 33.2 49.8
169 15.2 12.6 19.0



#57
2,4-Dinitrotoluene
Concen: 4.312 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:165 Resp: 9591
Ion Ratio Lower Upper
165 100
63 49.3 35.4 53.2
89 62.0 52.7 79.1
182 0.0 2.3 3.5#

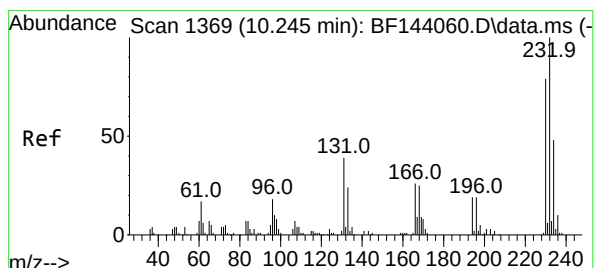
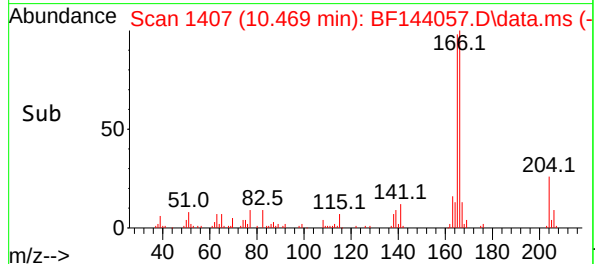
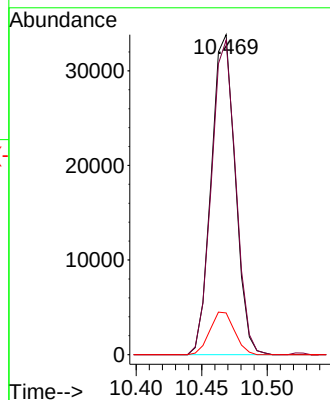
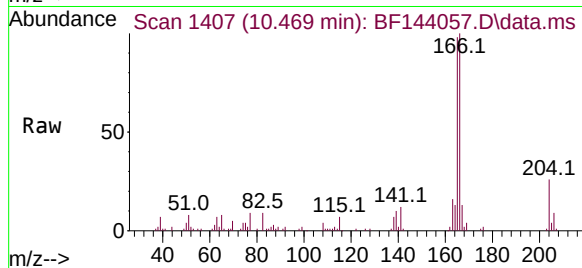




#58
Fluorene
Concen: 5.948 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

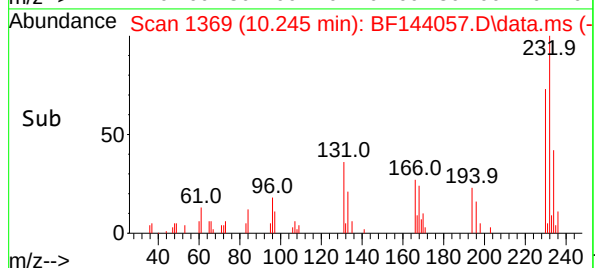
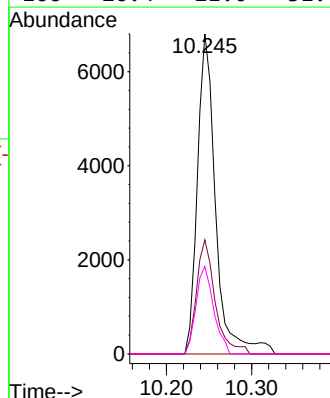
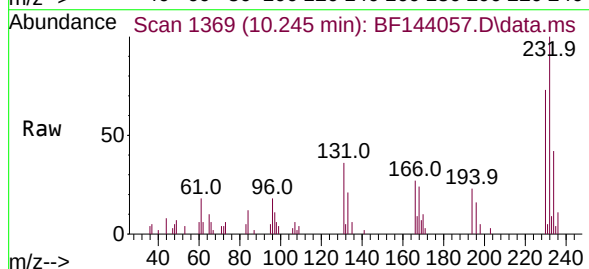
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

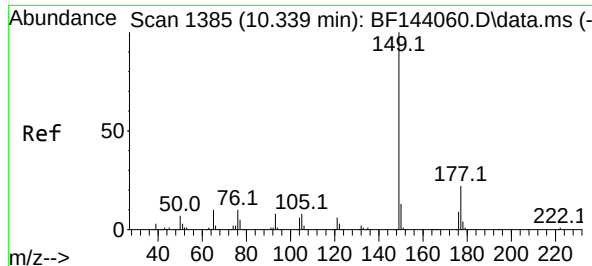
Tgt Ion:	166	Resp:	43217
Ion Ratio	Lower	Upper	
166	100		
165	98.3	77.0	115.4
167	13.0	10.2	15.4



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.793 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:	232	Resp:	10071
Ion Ratio	Lower	Upper	
232	100		
131	36.6	31.9	47.9
130	0.0	1.1	1.7#
166	26.4	21.0	31.4

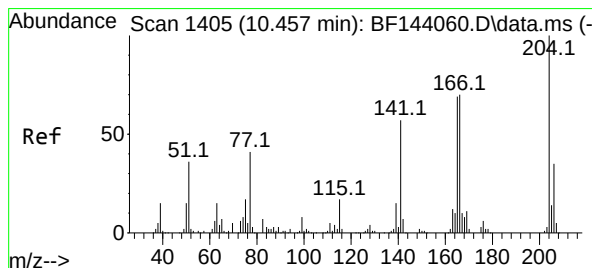
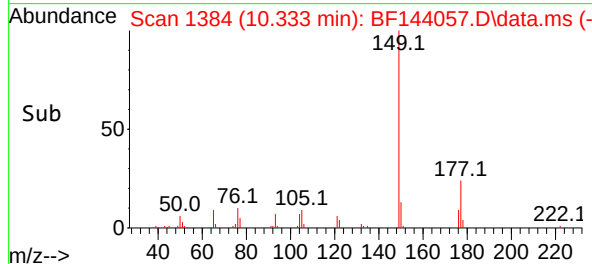
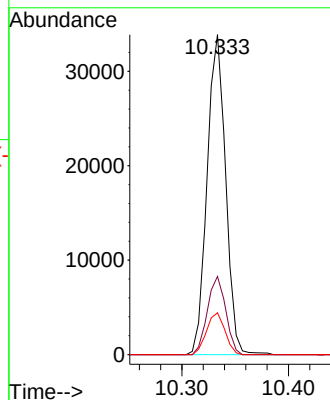
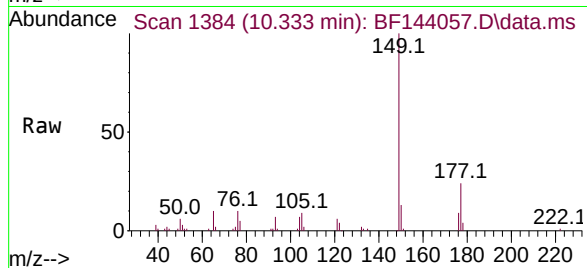




#60
Diethylphthalate
Concen: 5.215 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

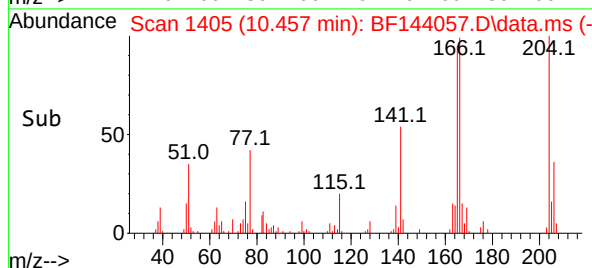
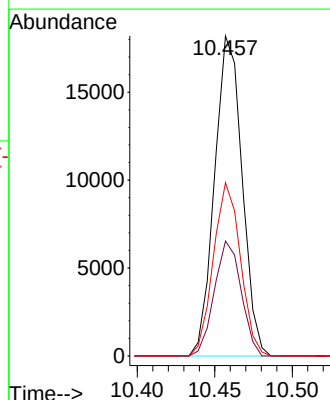
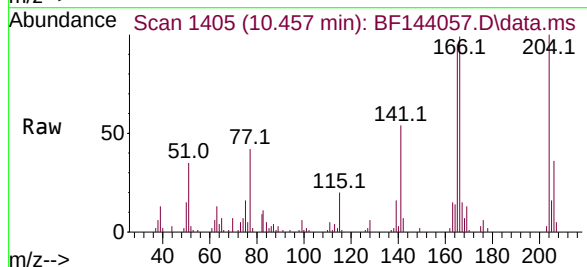
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

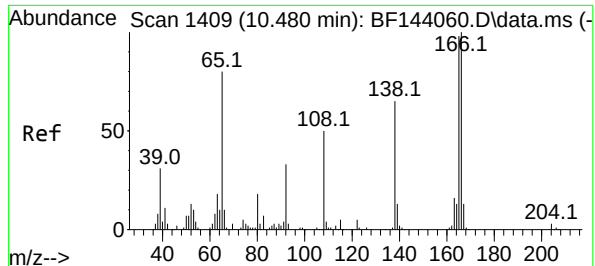
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	17.8	26.6
150	13.1	10.1	15.1



#61
4-Chlorophenyl-phenylether
Concen: 5.491 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

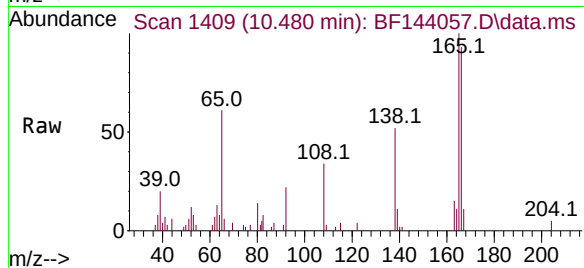
Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.9	27.8	41.6
141	54.1	45.4	68.2



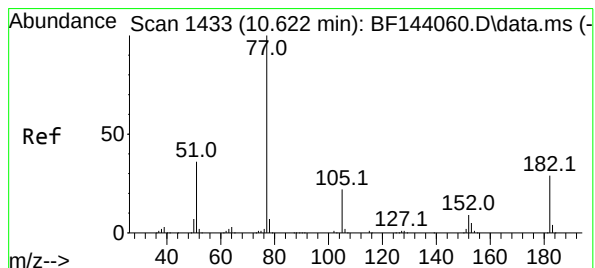
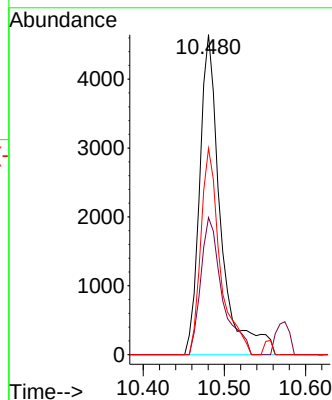
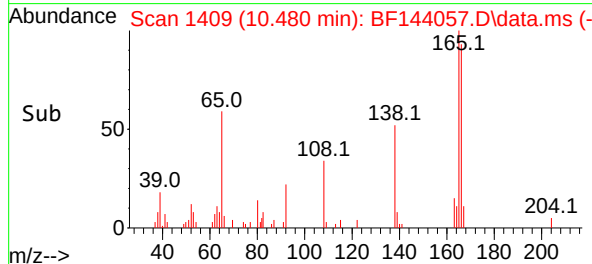


#62
4-Nitroaniline
Concen: 4.789 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

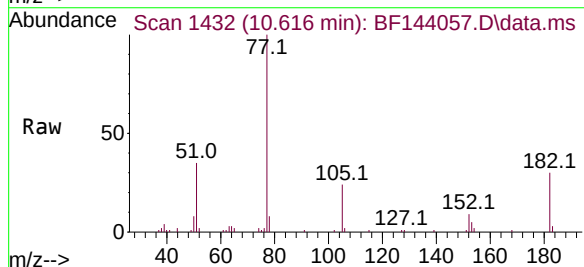
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



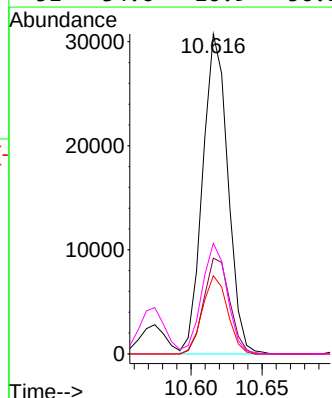
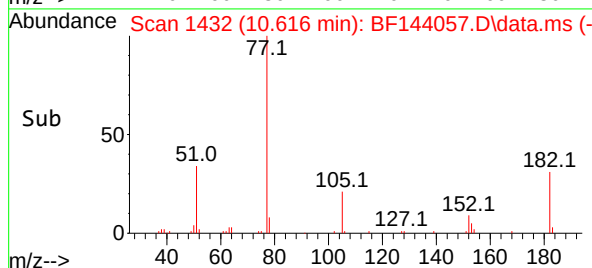
Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.8	30.5	70.5
108	64.5	56.2	96.2

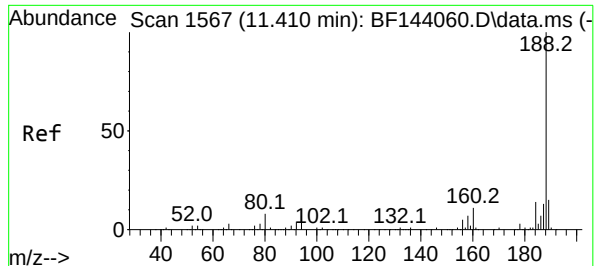


#63
Azobenzene
Concen: 5.106 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42



Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.9	9.0	49.0
105	24.4	1.4	41.4
51	34.6	16.9	56.9

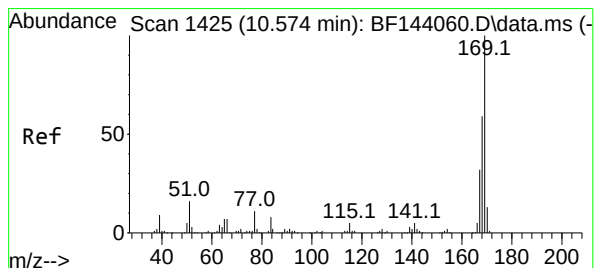
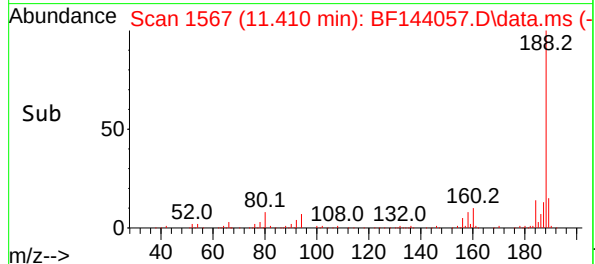
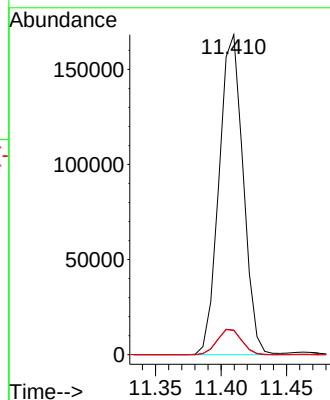
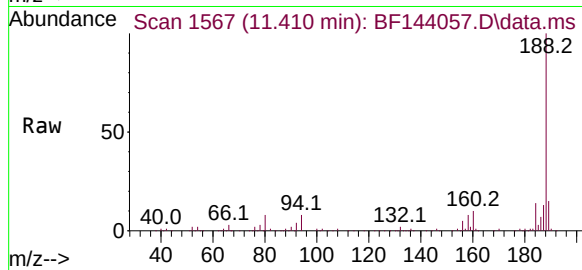




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

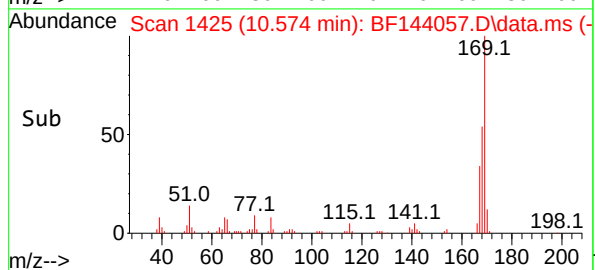
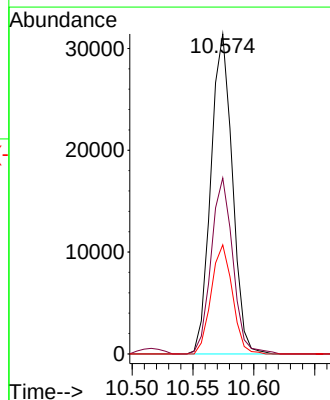
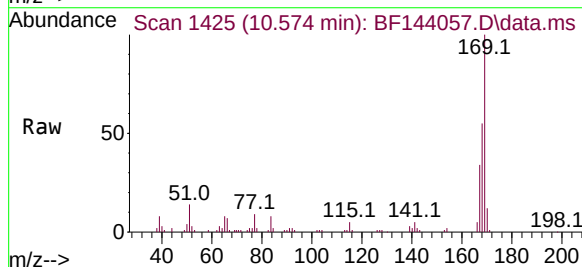
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

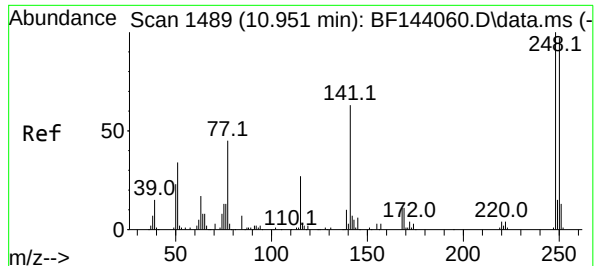
Tgt Ion:188 Resp: 215493
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 7.5 6.0 9.0



#66
n-Nitrosodiphenylamine
Concen: 5.599 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:169 Resp: 38552
Ion Ratio Lower Upper
169 100
168 55.0 47.4 71.2
167 34.1 25.5 38.3

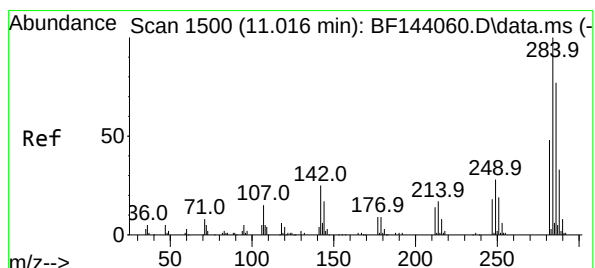
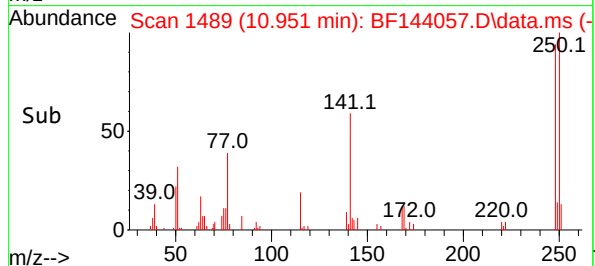
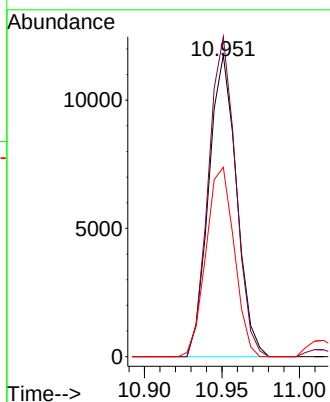
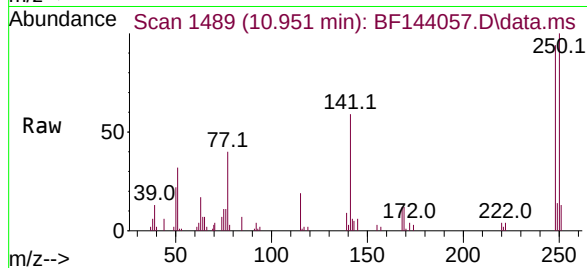




#67
4-Bromophenyl-phenylether
Concen: 5.466 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

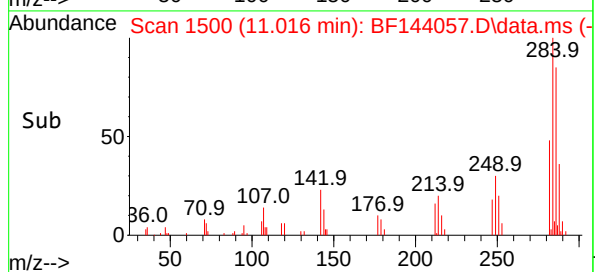
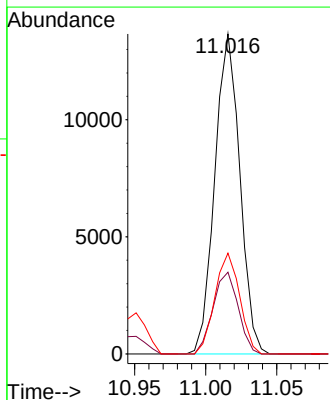
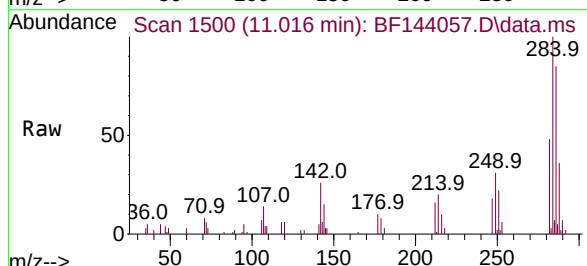
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

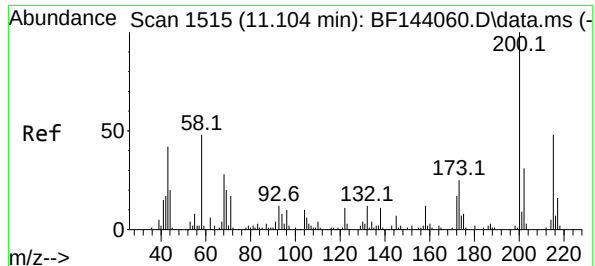
Tgt Ion:248 Resp: 14748
Ion Ratio Lower Upper
248 100
250 106.1 77.8 116.6
141 62.8 50.5 75.7



#68
Hexachlorobenzene
Concen: 5.070 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:284 Resp: 16776
Ion Ratio Lower Upper
284 100
142 25.5 20.0 30.0
249 31.5 22.2 33.2





#69

Atrazine

Concen: 5.458 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

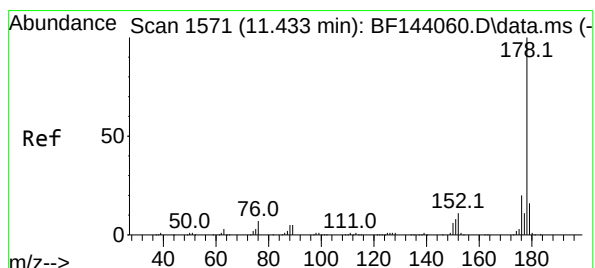
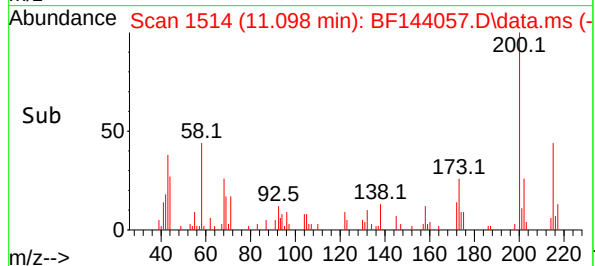
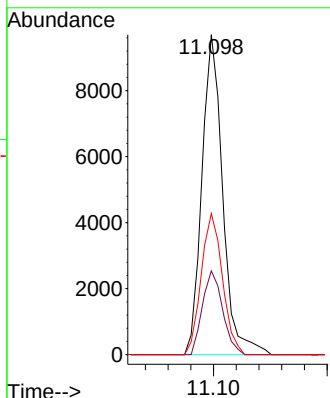
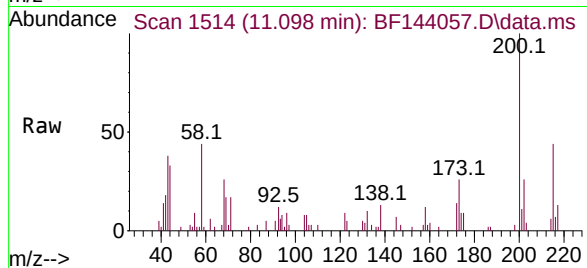
Tgt Ion:200 Resp: 12331

Ion Ratio Lower Upper

200 100

173 26.2 4.9 44.9

215 44.1 28.2 68.2



#71

Phenanthrene

Concen: 5.398 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

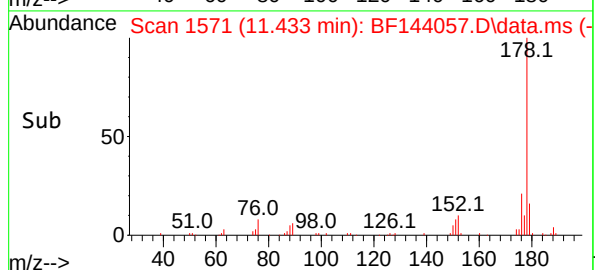
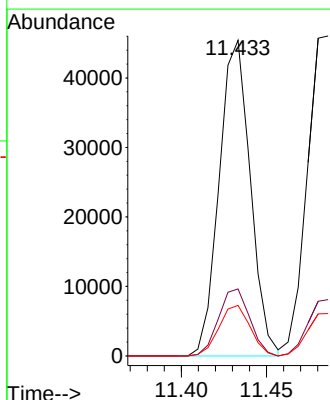
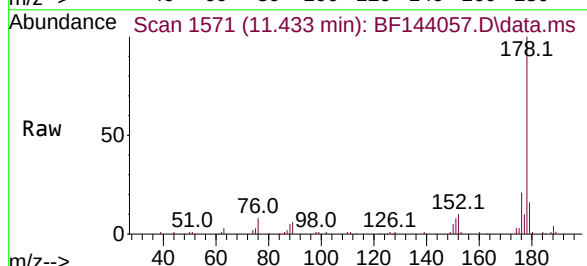
Tgt Ion:178 Resp: 57785

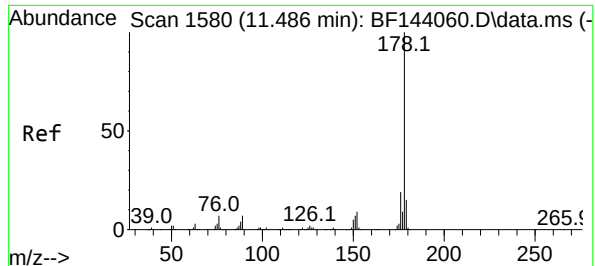
Ion Ratio Lower Upper

178 100

176 21.2 16.3 24.5

179 16.0 12.6 18.8

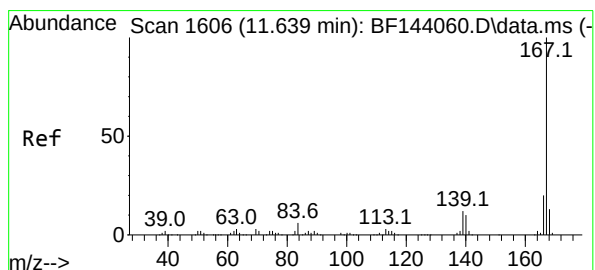
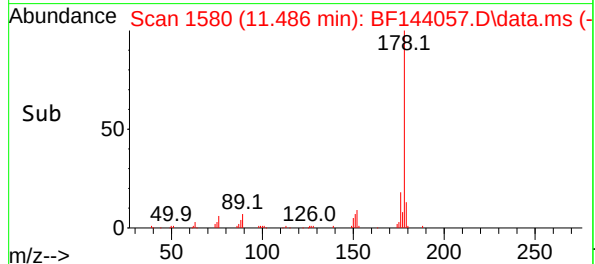
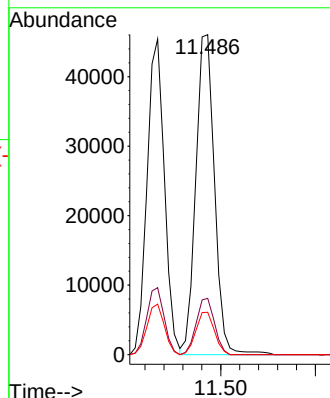
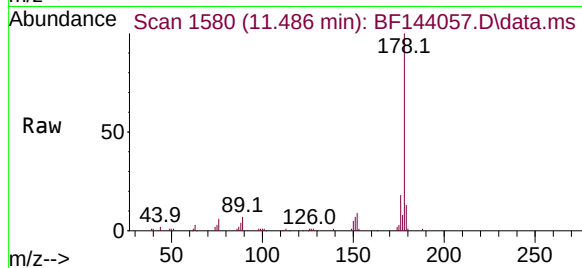




#72
Anthracene
Concen: 5.704 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

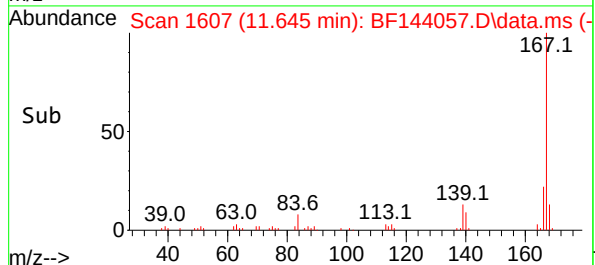
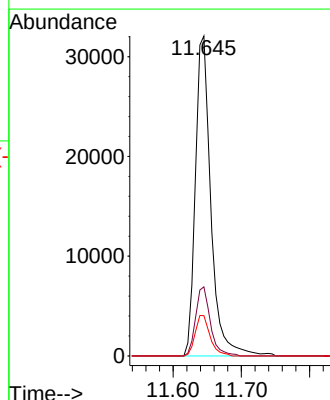
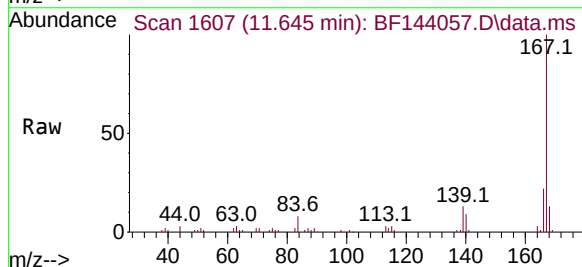
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

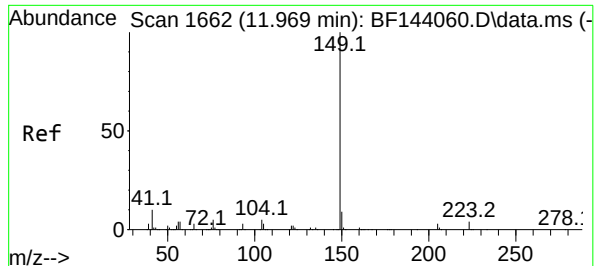
Tgt Ion:178 Resp: 63077
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.4
179 13.2 11.8 17.6



#73
Carbazole
Concen: 5.399 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:167 Resp: 50818
Ion Ratio Lower Upper
167 100
166 21.6 16.1 24.1
139 12.6 9.8 14.6

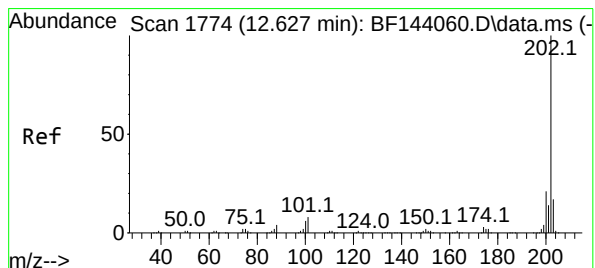
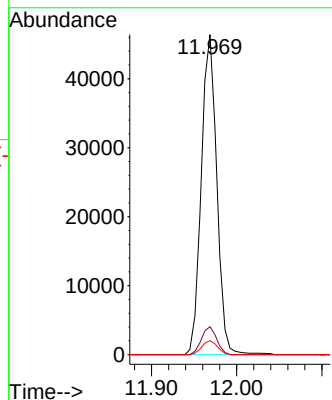
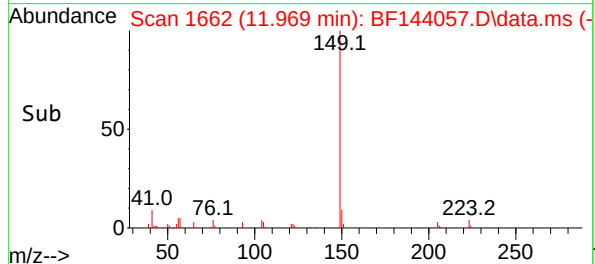
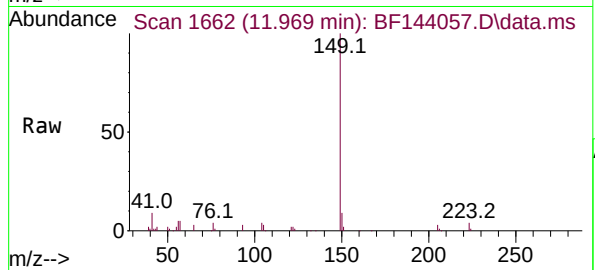




#74
Di-n-butylphthalate
Concen: 5.088 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

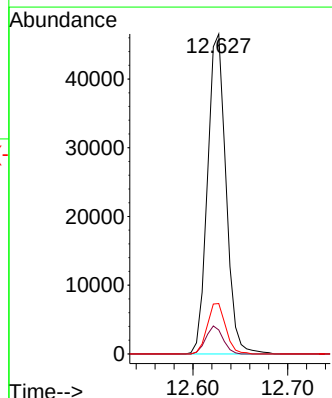
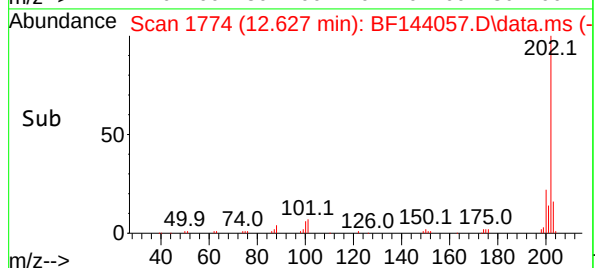
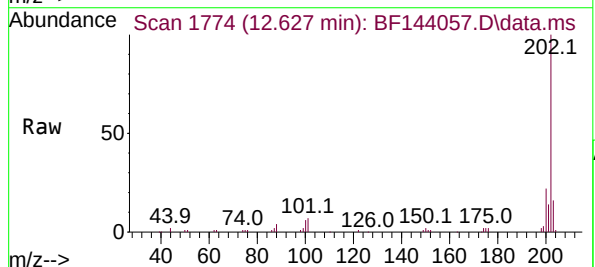
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

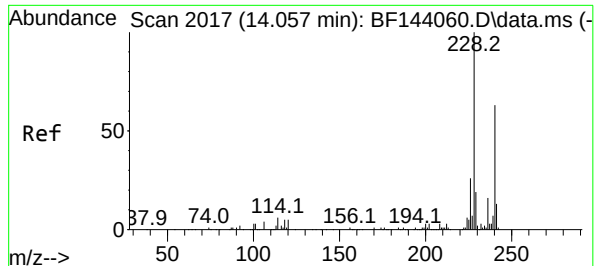
Tgt Ion:149 Resp: 58713
Ion Ratio Lower Upper
149 100
150 8.7 7.3 10.9
104 4.4 3.6 5.4



#75
Fluoranthene
Concen: 5.333 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:202 Resp: 63073
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 15.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

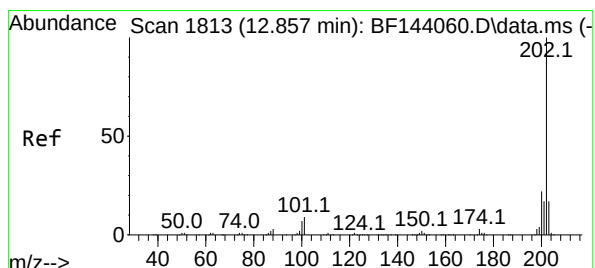
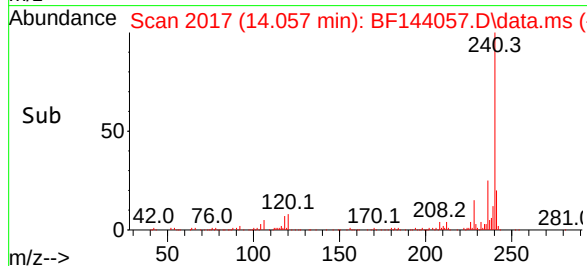
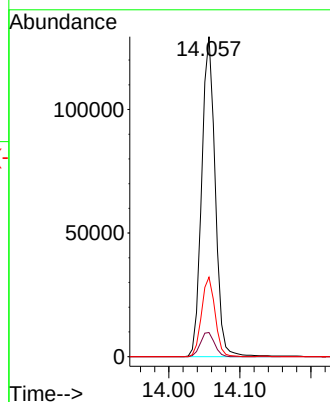
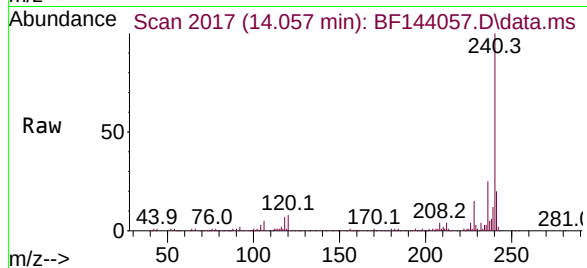
Tgt Ion:240 Resp: 170453

Ion Ratio Lower Upper

240 100

120 7.5 6.5 9.7

236 24.8 20.1 30.1



#78

Pyrene

Concen: 5.573 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

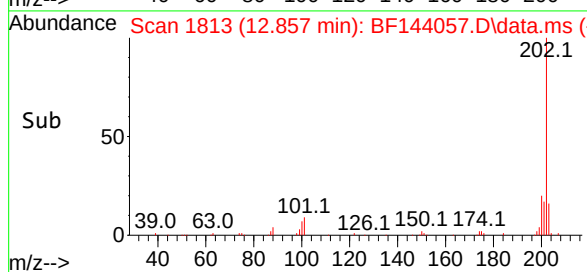
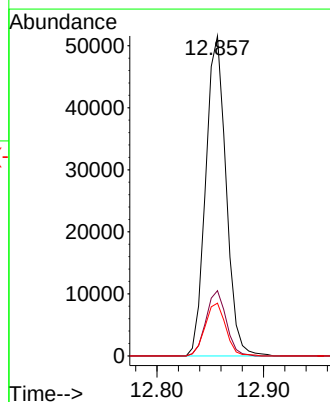
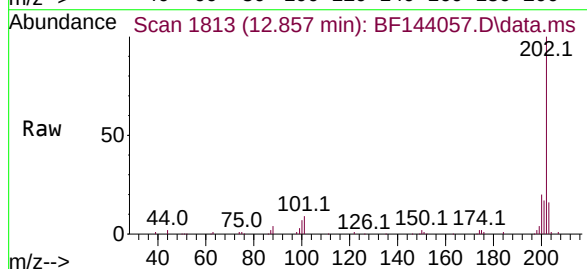
Tgt Ion:202 Resp: 68289

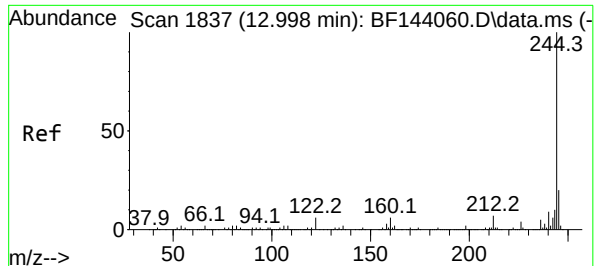
Ion Ratio Lower Upper

202 100

200 20.4 17.2 25.8

203 16.5 13.5 20.3





#79

Terphenyl-d14

Concen: 11.189 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

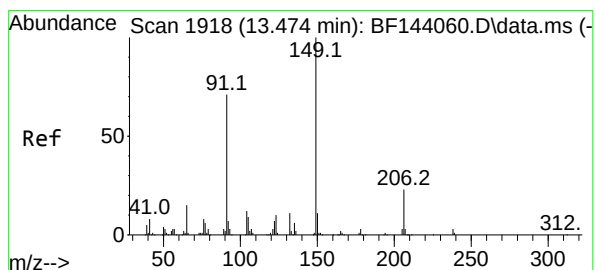
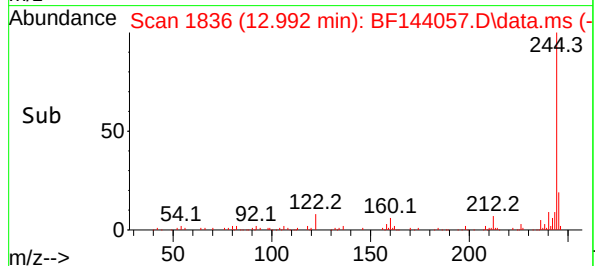
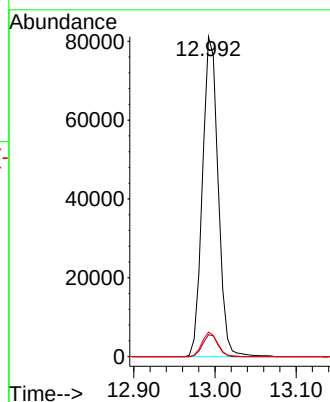
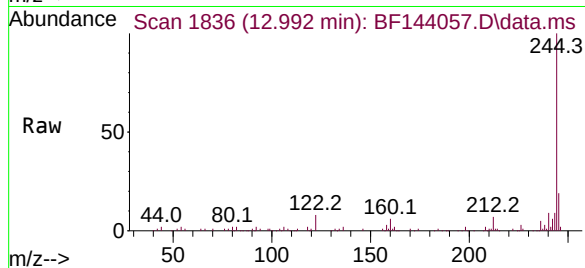
Tgt Ion:244 Resp: 109089

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 7.7 4.9 7.3#



#80

Butylbenzylphthalate

Concen: 4.669 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

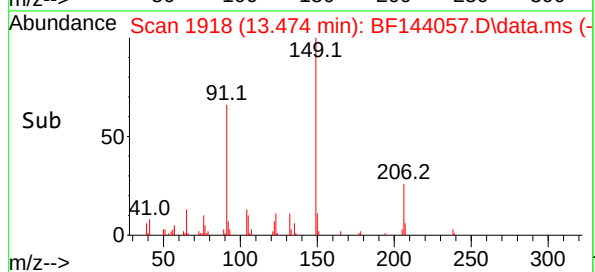
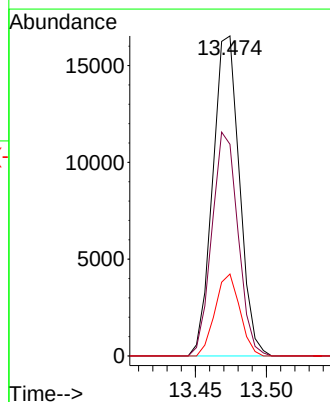
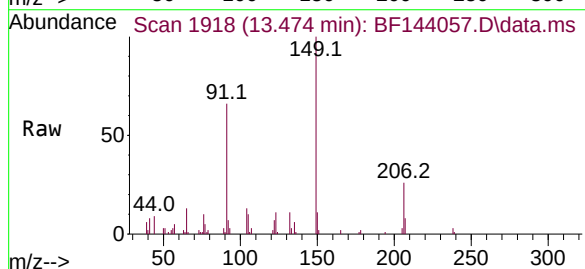
Tgt Ion:149 Resp: 21644

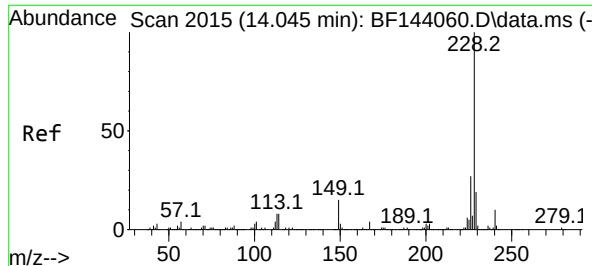
Ion Ratio Lower Upper

149 100

91 66.1 56.6 84.8

206 25.6 18.3 27.5

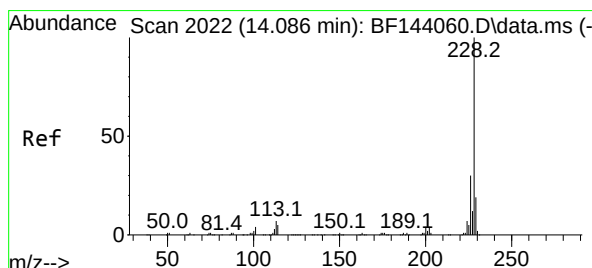
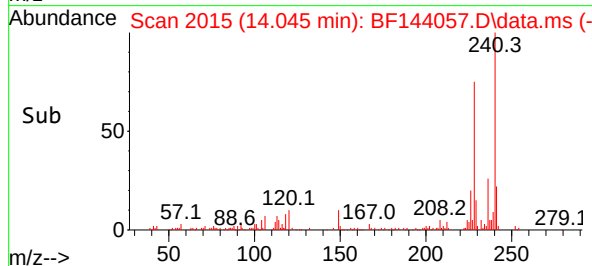
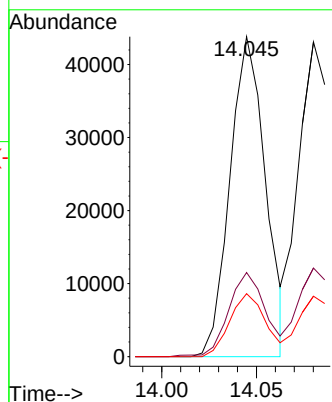
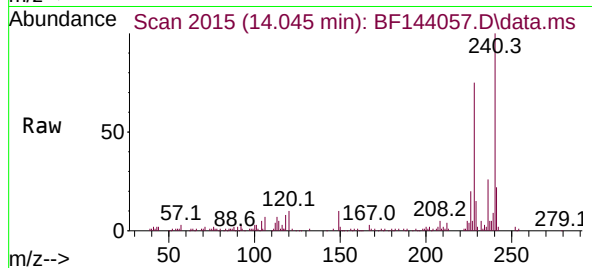




#81
Benzo(a)anthracene
Concen: 4.960 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

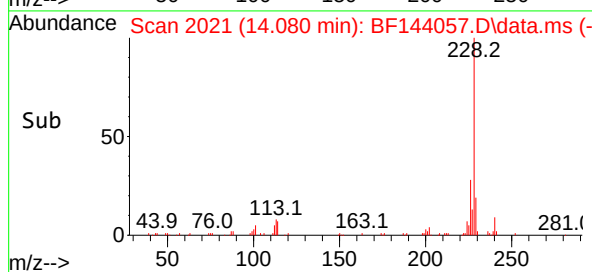
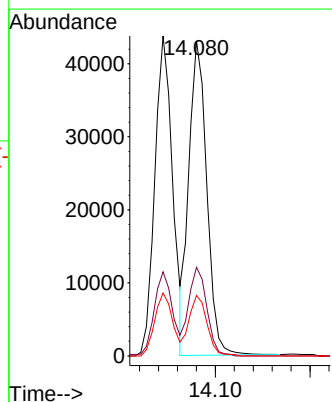
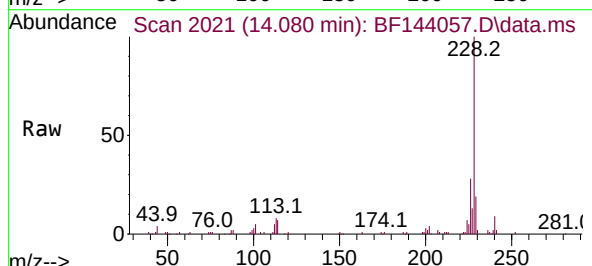
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

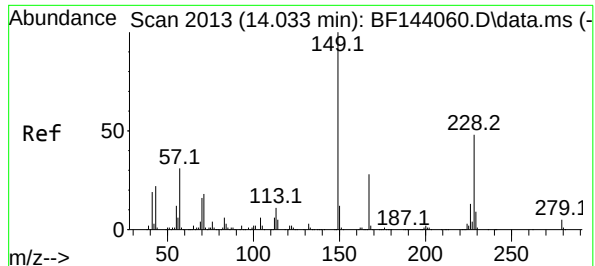
Tgt Ion:228 Resp: 57138
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 19.7 15.3 22.9



#83
Chrysene
Concen: 5.245 ng
RT: 14.080 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:228 Resp: 56694
Ion Ratio Lower Upper
228 100
226 28.2 23.8 35.6
229 19.2 15.6 23.4

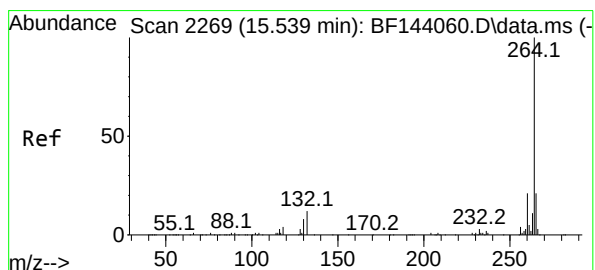
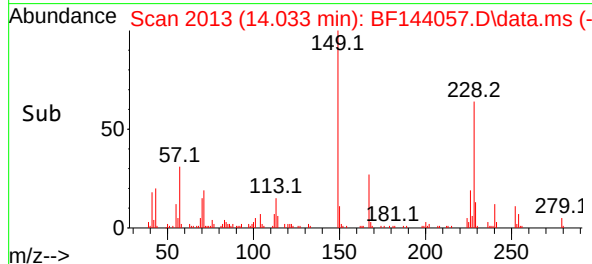
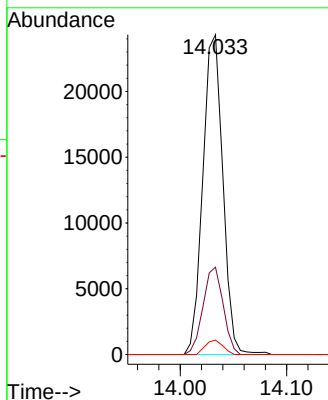
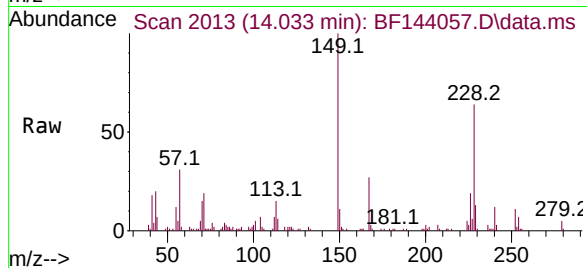




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.013 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

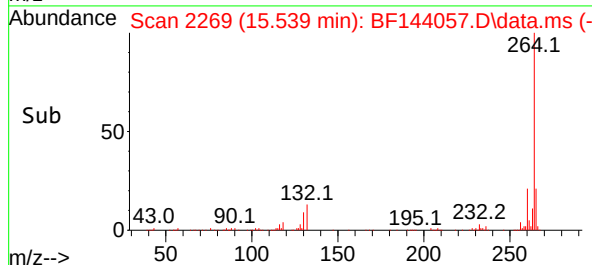
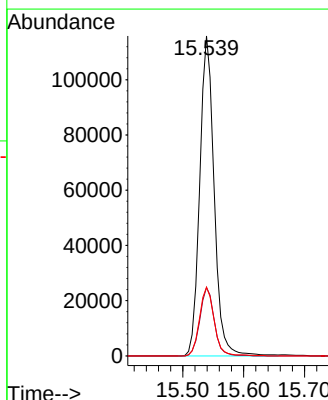
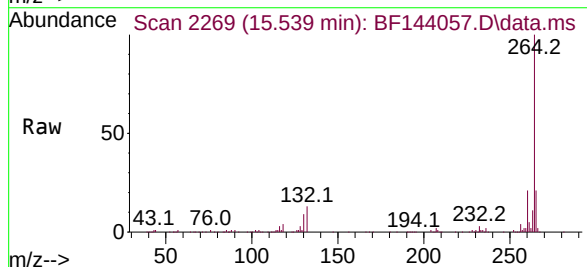
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

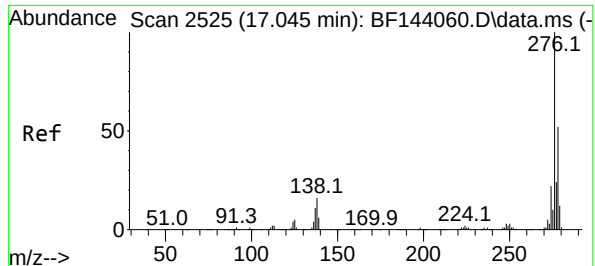
Tgt Ion:149 Resp: 31727
Ion Ratio Lower Upper
149 100
167 27.3 22.5 33.7
279 4.5 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:264 Resp: 190551
Ion Ratio Lower Upper
264 100
260 21.4 17.0 25.4
265 21.5 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.918 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

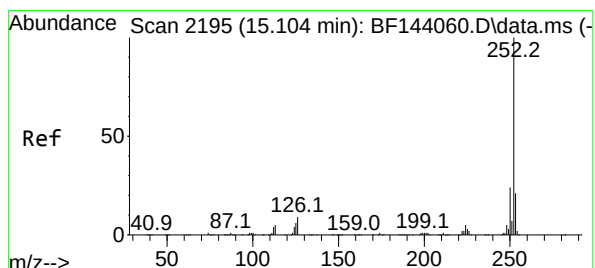
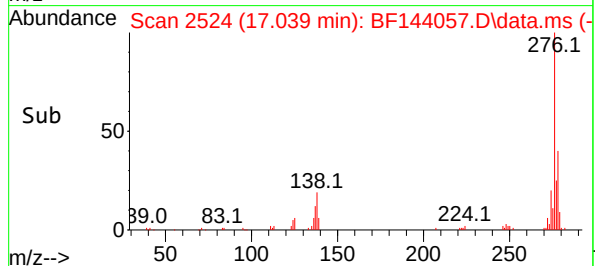
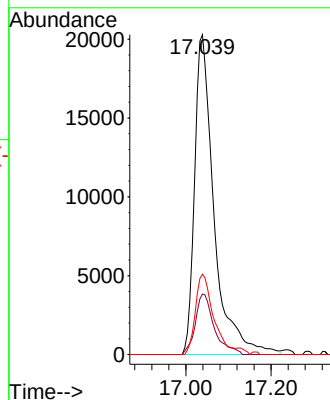
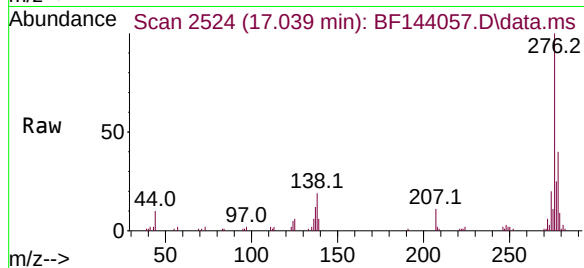
Tgt Ion:276 Resp: 64345

Ion Ratio Lower Upper

276 100

138 18.4 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 5.014 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

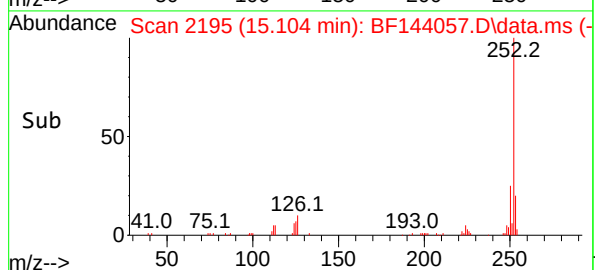
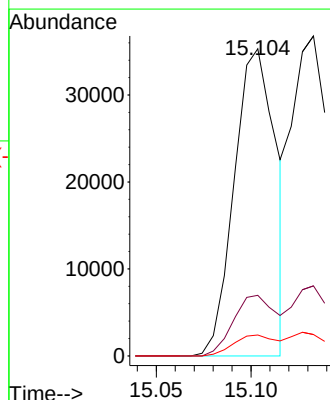
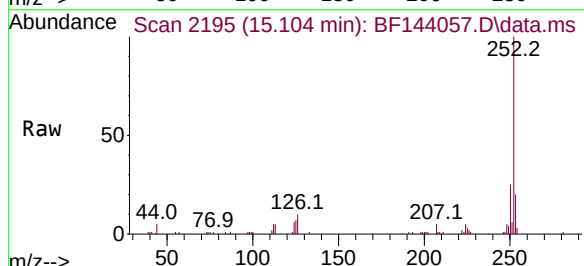
Tgt Ion:252 Resp: 54015

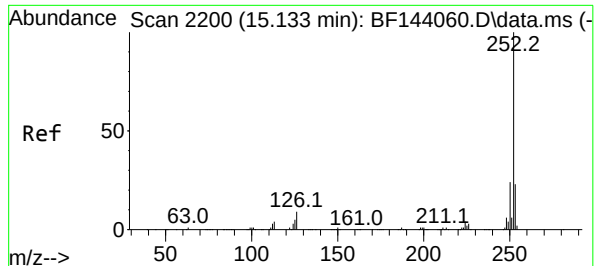
Ion Ratio Lower Upper

252 100

253 19.7 17.2 25.8

125 6.8 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 5.782 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

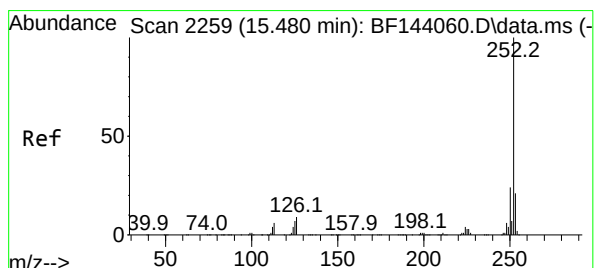
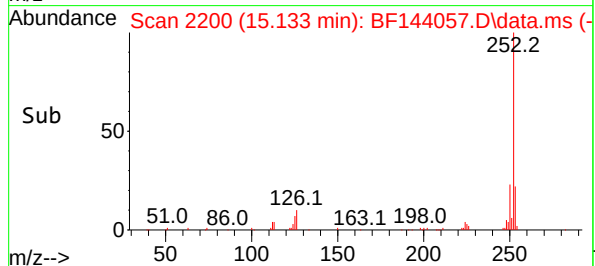
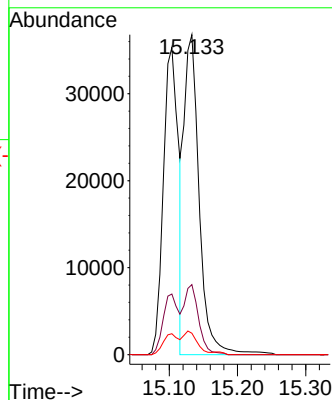
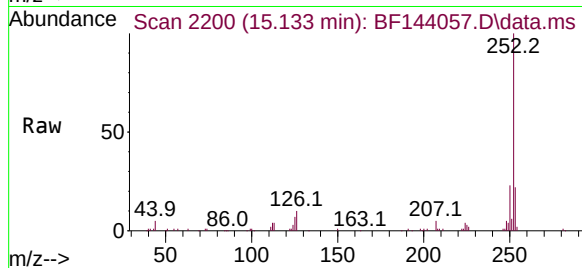
Tgt Ion:252 Resp: 57466

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 6.7 4.9 7.3



#90

Benzo(a)pyrene

Concen: 5.173 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144057.D

Acq: 24 Oct 2025 10:42

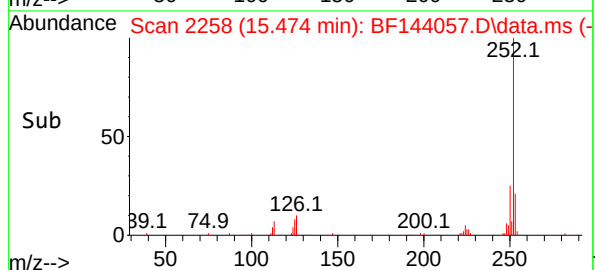
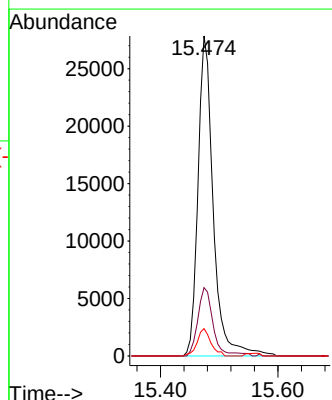
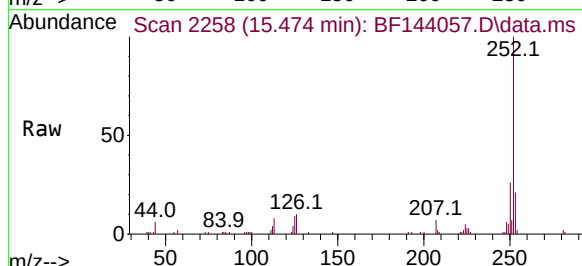
Tgt Ion:252 Resp: 49993

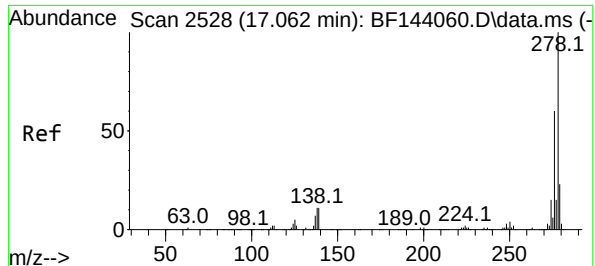
Ion Ratio Lower Upper

252 100

253 21.3 17.1 25.7

125 8.5 5.4 8.2#

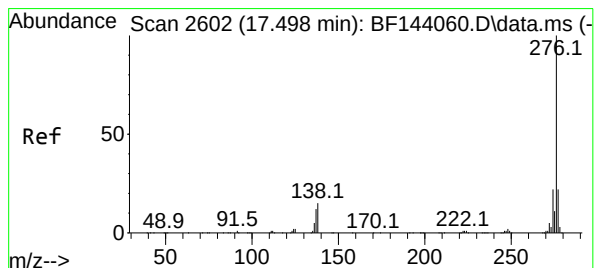
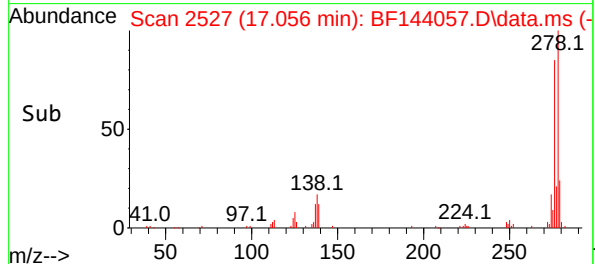
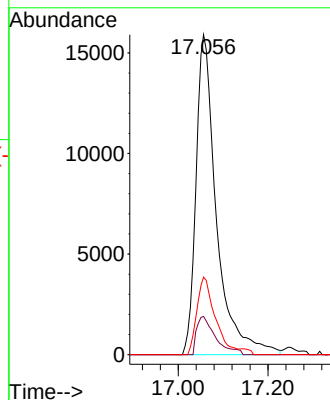
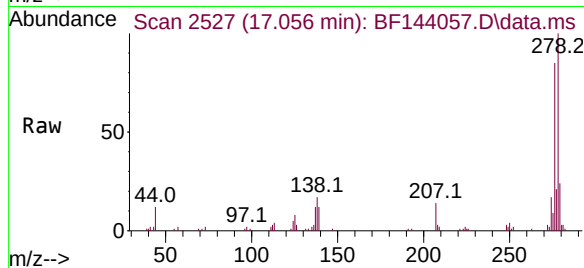




#91
Dibenzo(a,h)anthracene
Concen: 4.865 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

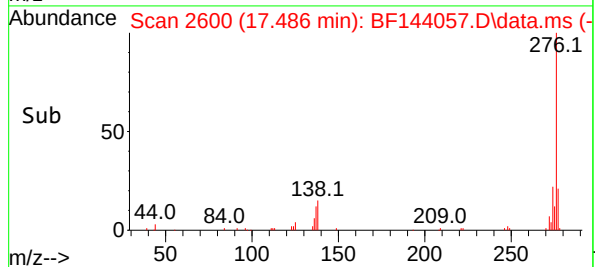
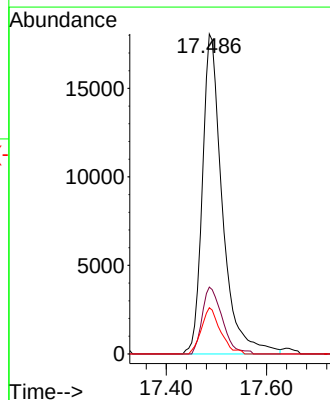
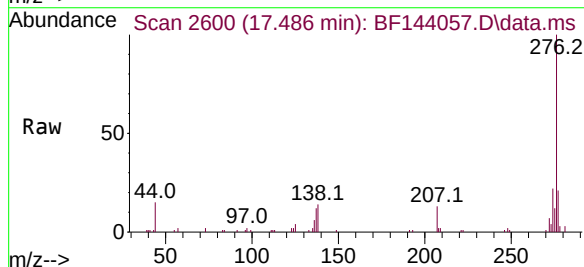
Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:278 Resp: 50377
Ion Ratio Lower Upper
278 100
139 11.9 8.5 12.7
279 24.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 4.807 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.012 min
Lab File: BF144057.D
Acq: 24 Oct 2025 10:42

Tgt Ion:276 Resp: 50046
Ion Ratio Lower Upper
276 100
277 20.9 17.9 26.9
138 14.5 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144058.D
 Acq On : 24 Oct 2025 11:39
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Oct 24 17:01:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	93506	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	345633	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	181955	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	301308	20.000	ng	0.00
76) Chrysene-d12	14.057	240	243705	20.000	ng	0.00
86) Perylene-d12	15.539	264	290045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	123660	20.923	ng	0.00
7) Phenol-d6	6.498	99	134938	20.673	ng	0.00
23) Nitrobenzene-d5	7.440	82	130813	20.735	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	45367	19.574	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	273504	21.152	ng	0.00
79) Terphenyl-d14	12.992	244	276477	19.833	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	23088	9.040	ng	96
3) Pyridine	3.410	79	64703	9.463	ng	95
4) n-Nitrosodimethylamine	3.340	42	37657	8.963	ng	98
6) Aniline	6.540	93	100630	10.776	ng	97
8) 2-Chlorophenol	6.663	128	61265	10.526	ng	96
9) Benzaldehyde	6.428	77	51089	10.081	ng	99
10) Phenol	6.516	94	86962	10.799	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	59764	10.271	ng	99
12) 1,3-Dichlorobenzene	6.816	146	73976	10.303	ng	99
13) 1,4-Dichlorobenzene	6.898	146	73246	10.352	ng	96
14) 1,2-Dichlorobenzene	7.045	146	72385	10.573	ng	97
15) Benzyl Alcohol	7.016	79	52766	9.942	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.145	45	113682	10.395	ng	98
17) 2-Methylphenol	7.128	107	47217	10.548	ng	93
18) Hexachloroethane	7.393	117	25444	10.058	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	45435	10.764	ng	92
20) 3+4-Methylphenols	7.281	107	59370	11.219	ng	# 82
22) Acetophenone	7.287	105	79330	10.620	ng	91
24) Nitrobenzene	7.457	77	66345	9.941	ng	95
25) Isophorone	7.692	82	114333	10.366	ng	99
26) 2-Nitrophenol	7.775	139	31721	9.992	ng	98
27) 2,4-Dimethylphenol	7.810	122	48192	10.215	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	70437	10.241	ng	96
29) 2,4-Dichlorophenol	8.016	162	59570	10.858	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	58514	10.367	ng	99
31) Naphthalene	8.181	128	173217	10.618	ng	99
32) Benzoic acid	7.904	122	37467	12.520	ng	# 81
33) 4-Chloroaniline	8.234	127	61541	10.837	ng	96
34) Hexachlorobutadiene	8.298	225	47643	10.323	ng	96
35) Caprolactam	8.575	113	13454	9.779	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	50000	10.327	ng	95
37) 2-Methylnaphthalene	8.875	142	113005	10.507	ng	98
38) 1-Methylnaphthalene	8.975	142	108437	10.642	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	64302	10.283	ng	99
41) Hexachlorocyclopentadiene	9.028	237	13467	6.972	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	40647	10.000	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144058.D
 Acq On : 24 Oct 2025 11:39
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Oct 24 17:01:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	44114	10.341	ng	96
46) 1,1'-Biphenyl	9.334	154	139423	10.704	ng	99
47) 2-Chloronaphthalene	9.363	162	115014	10.540	ng	94
48) 2-Nitroaniline	9.457	65	32649	10.076	ng	99
49) Acenaphthylene	9.775	152	154058	10.470	ng	99
50) Dimethylphthalate	9.628	163	120856	10.133	ng	99
51) 2,6-Dinitrotoluene	9.698	165	23341	9.899	ng	93
52) Acenaphthene	9.951	154	104855	10.671	ng	99
53) 3-Nitroaniline	9.869	138	26729	10.196	ng	97
54) 2,4-Dinitrophenol	9.981	184	14660	11.496	ng	91
55) Dibenzofuran	10.122	168	142976	10.481	ng	98
56) 4-Nitrophenol	10.028	139	20383	11.482	ng	94
57) 2,4-Dinitrotoluene	10.098	165	31163	9.793	ng	96
58) Fluorene	10.469	166	106355	10.232	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.239	232	28893	9.612	ng	99
60) Diethylphthalate	10.334	149	115029	10.256	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	60704	10.385	ng	97
62) 4-Nitroaniline	10.481	138	24222	9.752	ng	98
63) Azobenzene	10.616	77	107163	10.095	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	20093	10.394	ng	95
66) n-Nitrosodiphenylamine	10.575	169	100334	10.422	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	38639	10.242	ng	99
68) Hexachlorobenzene	11.016	284	50850	10.990	ng	96
69) Atrazine	11.098	200	33605	10.638	ng	99
70) Pentachlorophenol	11.216	266	18468	8.386	ng	97
71) Phenanthrene	11.433	178	156663	10.467	ng	96
72) Anthracene	11.486	178	162203	10.491	ng	100
73) Carbazole	11.639	167	138634	10.534	ng	99
74) Di-n-butylphthalate	11.969	149	164302	10.183	ng	100
75) Fluoranthene	12.622	202	173397	10.486	ng	98
77) Benzidine	12.751	184	83945	11.068	ng	99
78) Pyrene	12.857	202	178638	10.196	ng	99
80) Butylbenzylphthalate	13.469	149	66048	9.964	ng	97
81) Benzo(a)anthracene	14.045	228	161042	9.778	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	57120	9.963	ng	97
83) Chrysene	14.080	228	153845	9.954	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	88365	9.765	ng	99
85) Di-n-octyl phthalate	14.645	149	149635	9.616	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	193064	9.695	ng	99
88) Benzo(b)fluoranthene	15.104	252	160748	9.803	ng	100
89) Benzo(k)fluoranthene	15.133	252	156128	10.320	ng	100
90) Benzo(a)pyrene	15.474	252	143530	9.757	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	153941	9.766	ng	98
92) Benzo(g,h,i)perylene	17.486	276	152368	9.614	ng	98

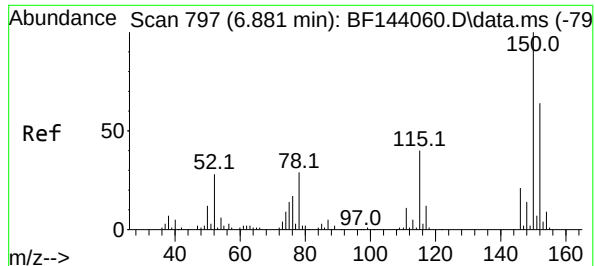
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Abundance

TIC: BF144058.D\data.ms

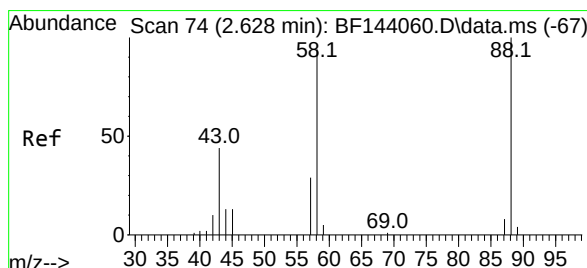
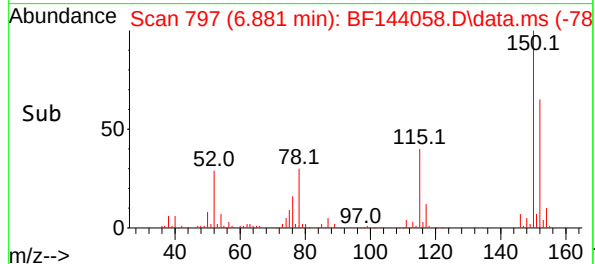
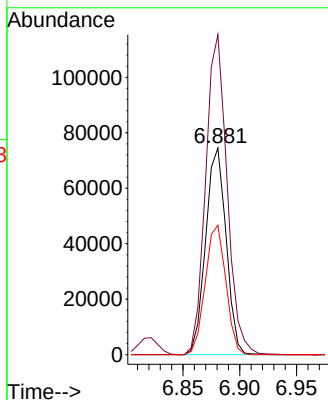
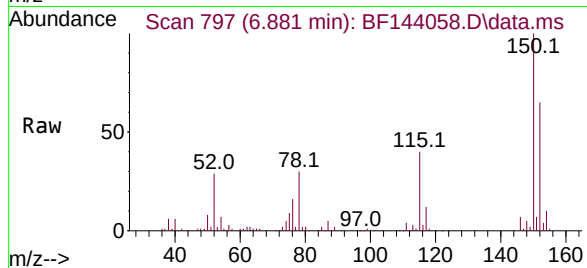
Time-->



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

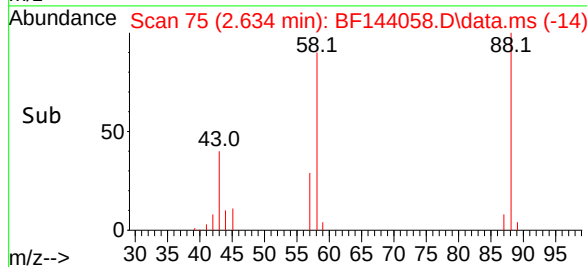
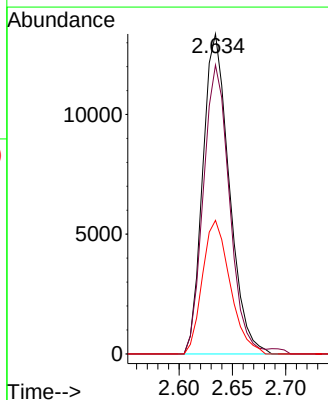
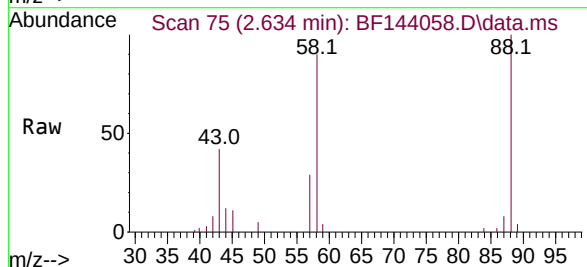
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

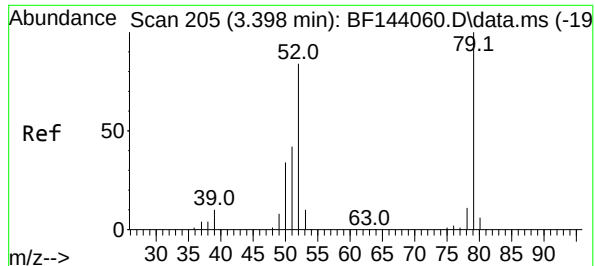
Tgt Ion:152 Resp: 93506
Ion Ratio Lower Upper
152 100
150 154.9 124.4 186.6
115 62.6 49.4 74.0



#2
1,4-Dioxane
Concen: 9.040 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 88 Resp: 23088
Ion Ratio Lower Upper
88 100
58 89.8 76.5 114.7
43 43.6 35.3 52.9





#3

Pyridine

Concen: 9.463 ng

RT: 3.410 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

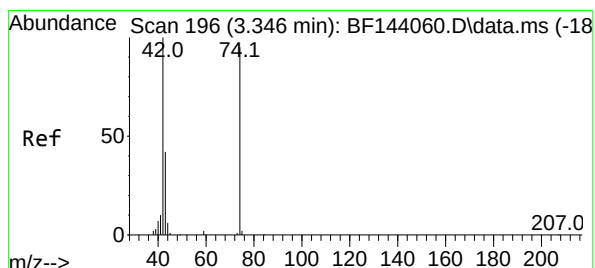
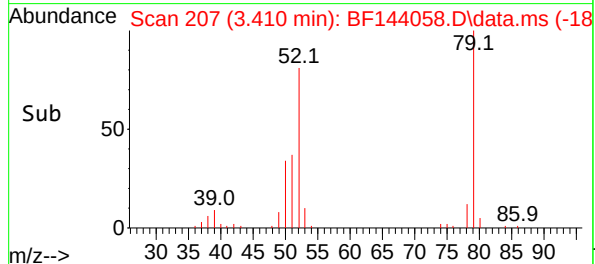
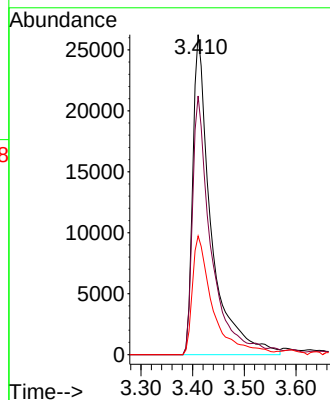
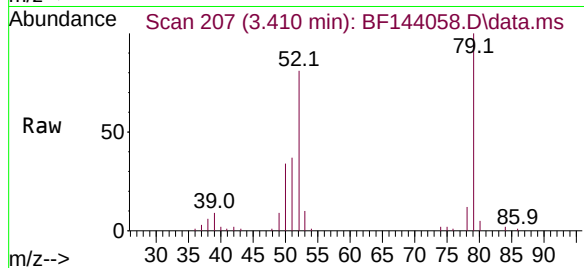
Tgt Ion: 79 Resp: 64703

Ion Ratio Lower Upper

79 100

52 80.8 67.5 101.3

51 37.1 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 8.963 ng

RT: 3.340 min Scan# 195

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

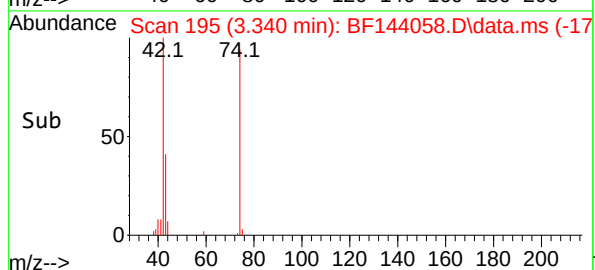
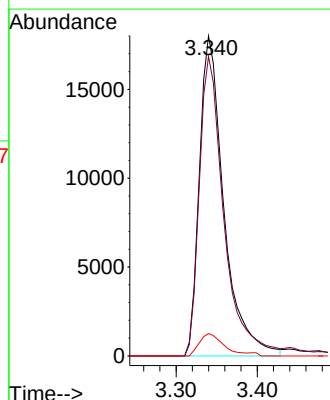
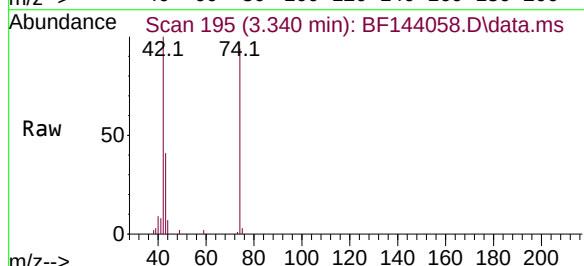
Tgt Ion: 42 Resp: 37657

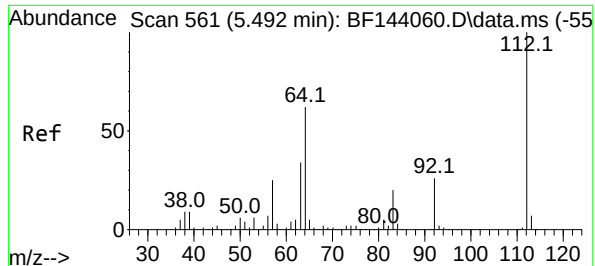
Ion Ratio Lower Upper

42 100

74 93.6 76.4 114.6

44 7.0 5.2 7.8

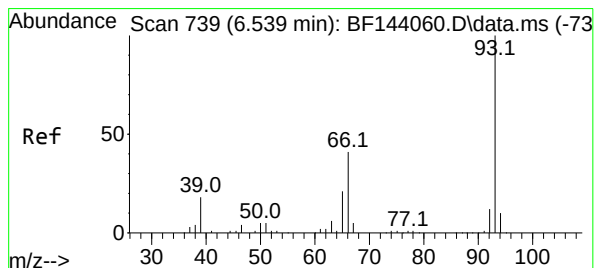
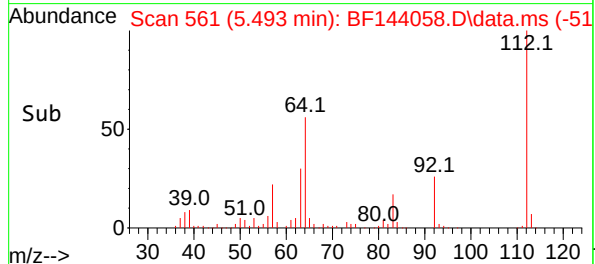
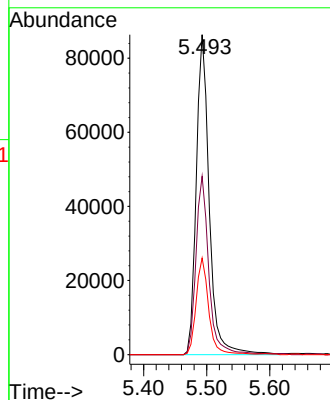
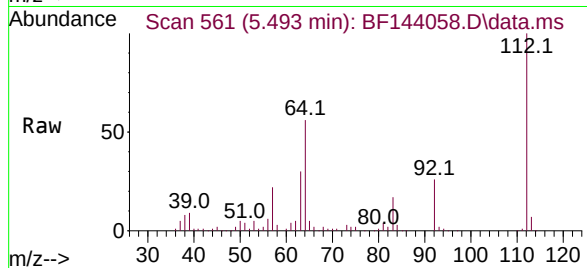




#5
2-Fluorophenol
Concen: 20.923 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

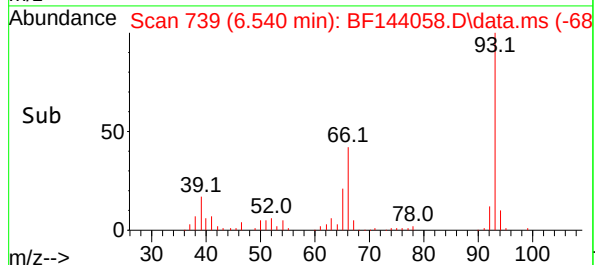
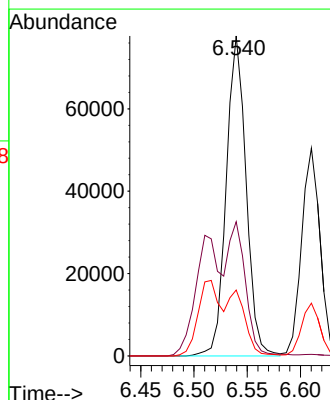
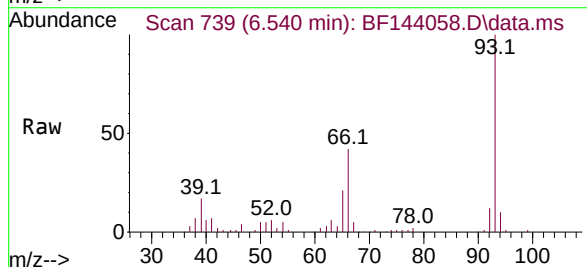
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

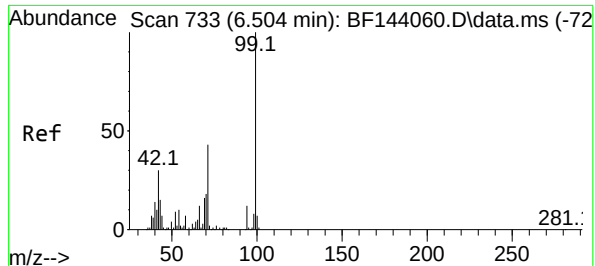
Tgt Ion:112 Resp: 123660
Ion Ratio Lower Upper
112 100
64 55.8 49.8 74.8
63 30.2 27.4 41.2



#6
Aniline
Concen: 10.776 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 93 Resp: 100630
Ion Ratio Lower Upper
93 100
66 41.9 35.7 53.5
65 20.6 17.0 25.6

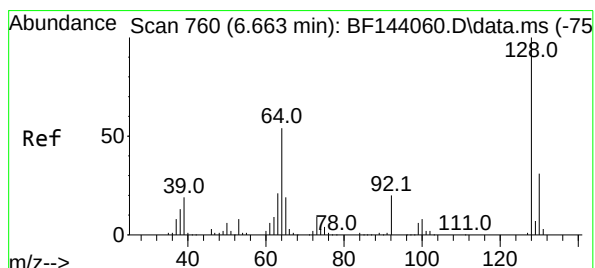
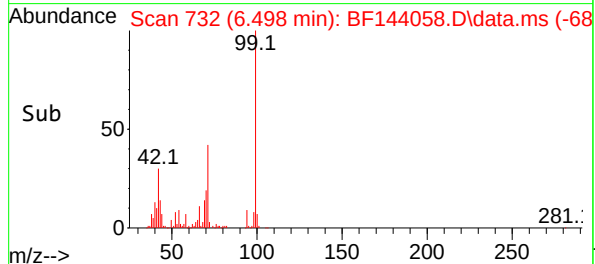
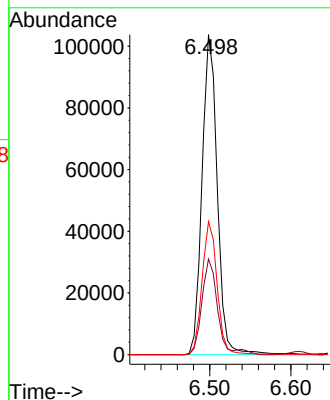
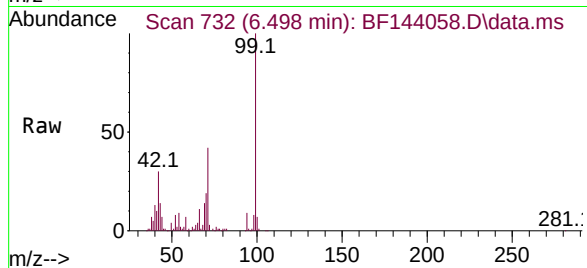




#7
Phenol-d6
Concen: 20.673 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

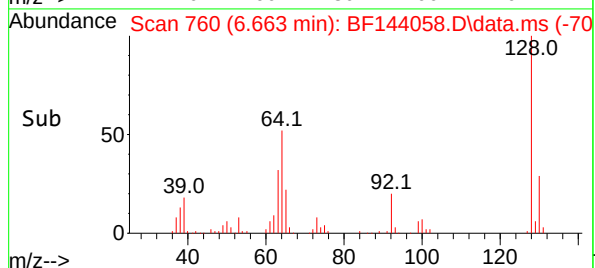
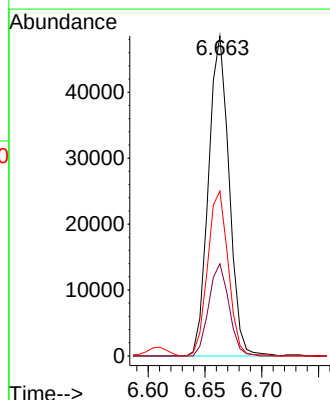
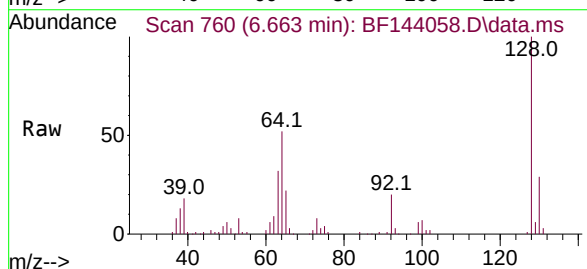
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

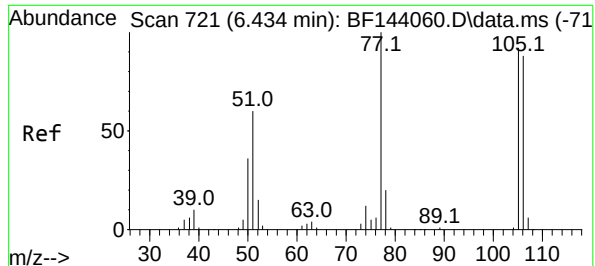
Tgt Ion: 99 Resp: 134938
Ion Ratio Lower Upper
99 100
42 29.9 23.9 35.9
71 41.6 34.4 51.6



#8
2-Chlorophenol
Concen: 10.526 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 128 Resp: 61265
Ion Ratio Lower Upper
128 100
130 28.8 10.7 50.7
64 51.5 34.7 74.7





#9

Benzaldehyde

Concen: 10.081 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

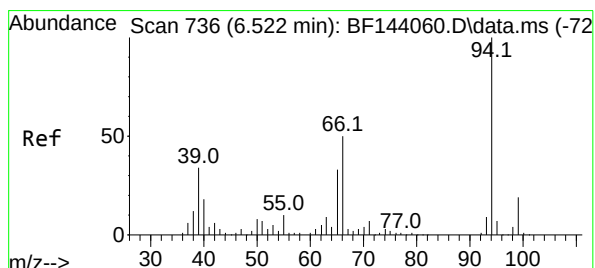
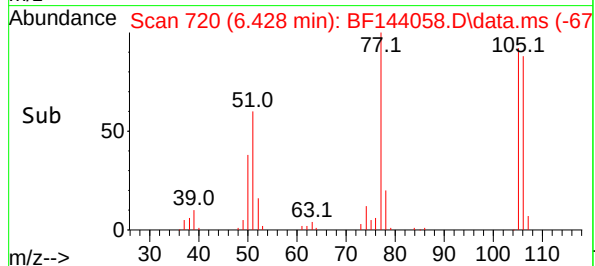
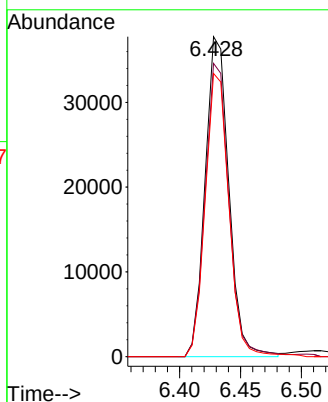
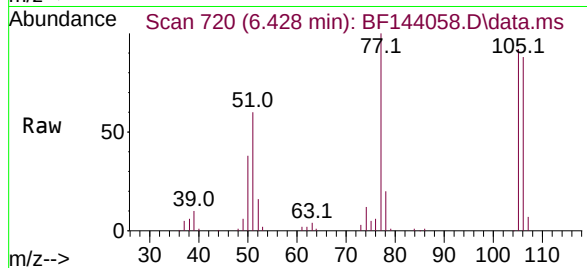
Tgt Ion: 77 Resp: 51089

Ion Ratio Lower Upper

77 100

105 91.6 72.2 112.2

106 88.5 67.9 107.9



#10

Phenol

Concen: 10.799 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

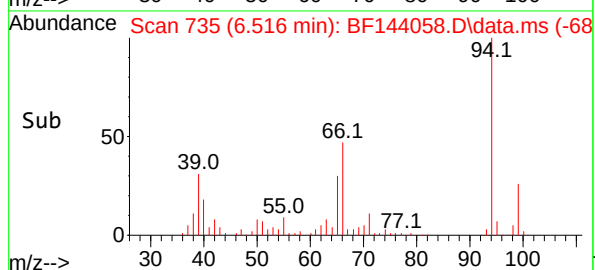
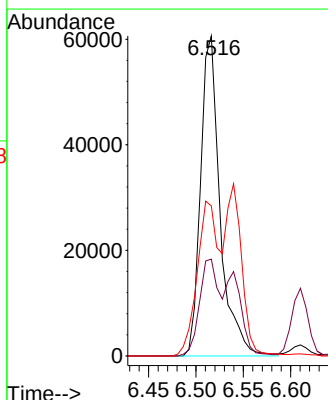
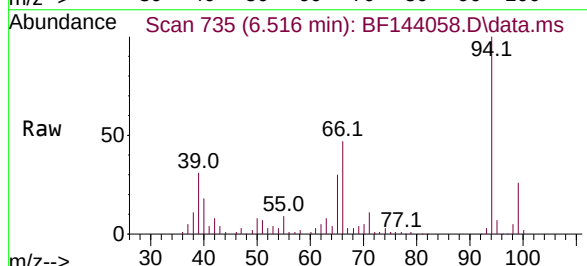
Tgt Ion: 94 Resp: 86962

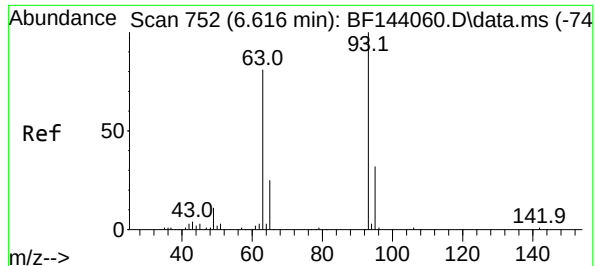
Ion Ratio Lower Upper

94 100

65 30.2 13.1 53.1

66 46.9 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 10.271 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

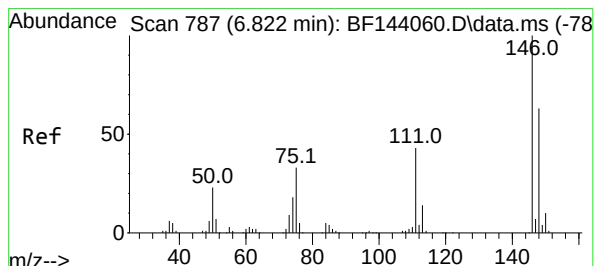
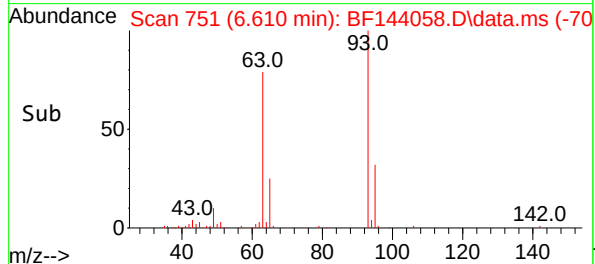
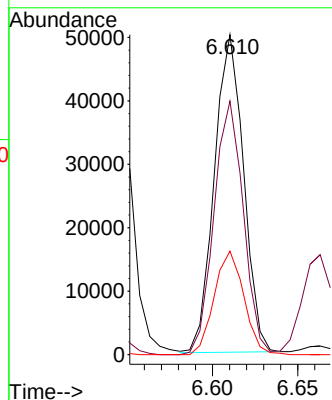
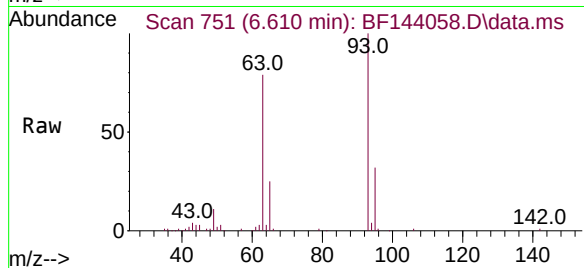
Tgt Ion: 93 Resp: 59764

Ion Ratio Lower Upper

93 100

63 79.2 60.2 100.2

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 10.303 ng

RT: 6.816 min Scan# 786

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

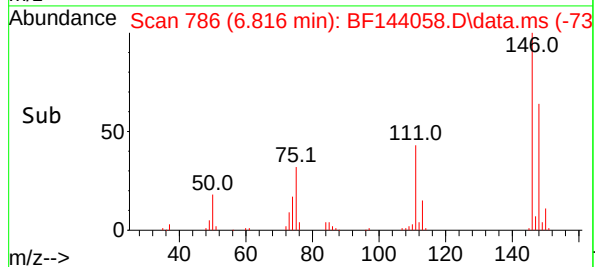
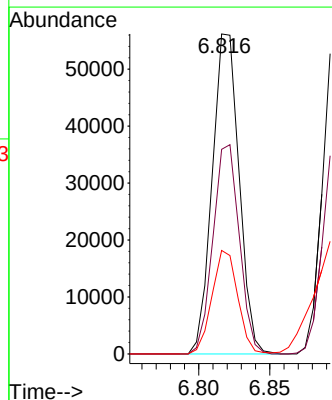
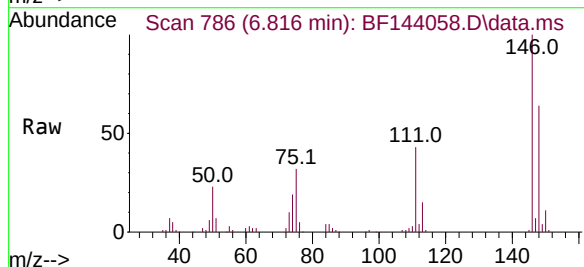
Tgt Ion: 146 Resp: 73976

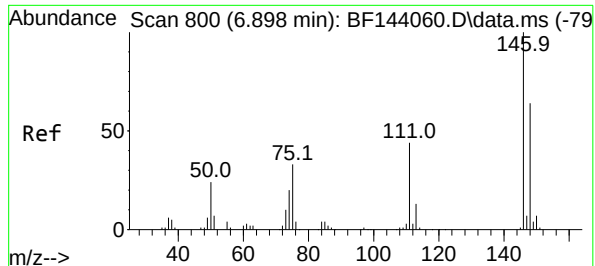
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

75 32.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 10.352 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

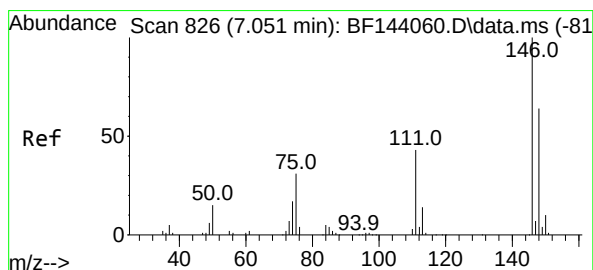
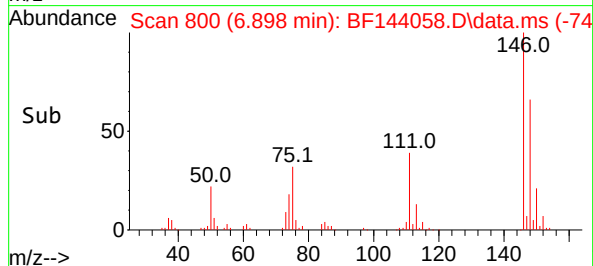
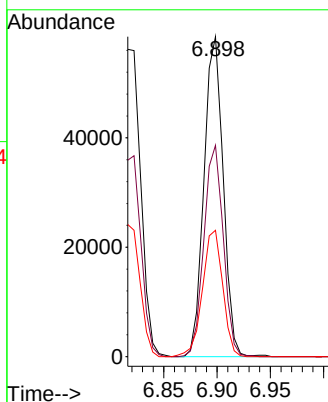
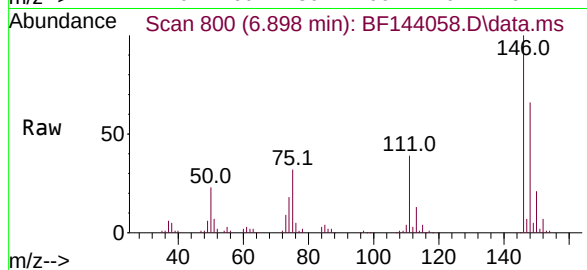
Tgt Ion:146 Resp: 73246

Ion Ratio Lower Upper

146 100

148 66.0 51.0 76.6

111 39.5 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 10.573 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

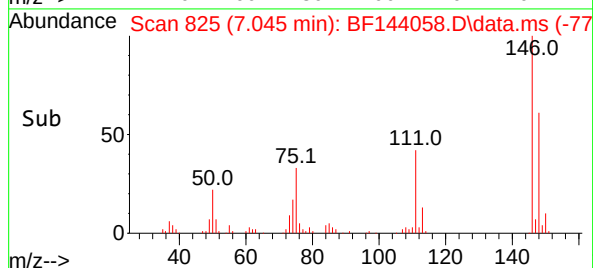
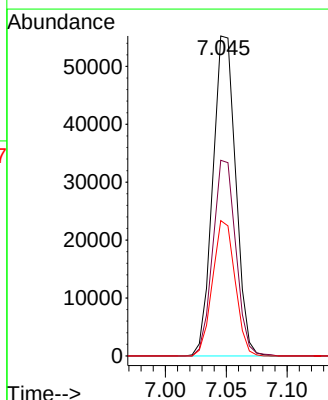
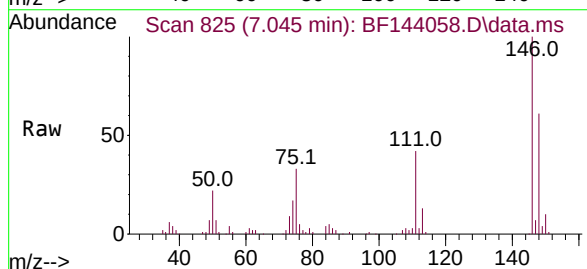
Tgt Ion:146 Resp: 72385

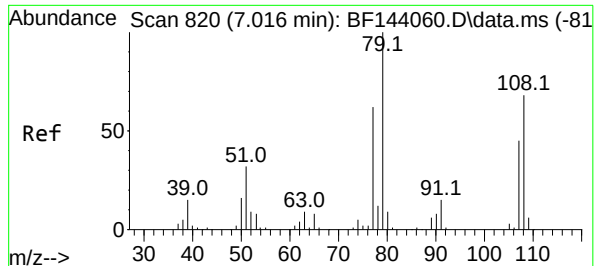
Ion Ratio Lower Upper

146 100

148 61.1 50.8 76.2

111 42.3 34.7 52.1





#15

Benzyl Alcohol

Concen: 9.942 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

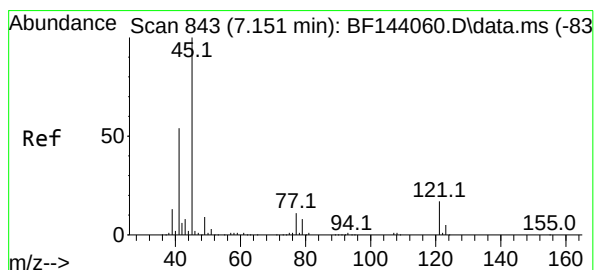
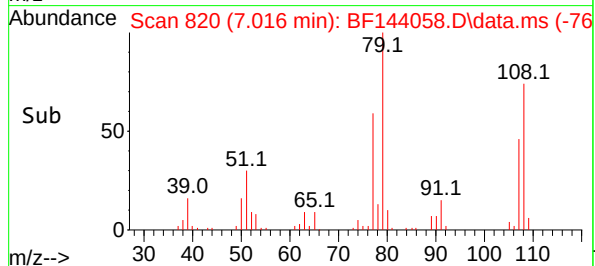
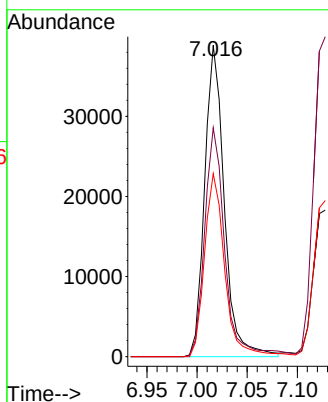
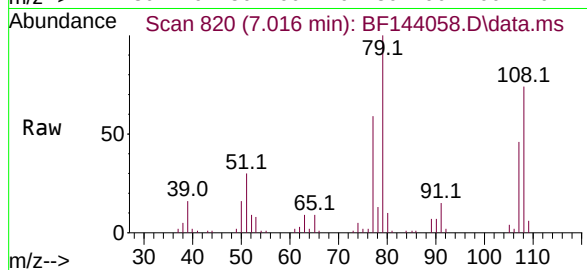
Tgt Ion: 79 Resp: 52766

Ion Ratio Lower Upper

79 100

108 73.5 54.8 82.2

77 58.8 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.395 ng

RT: 7.145 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

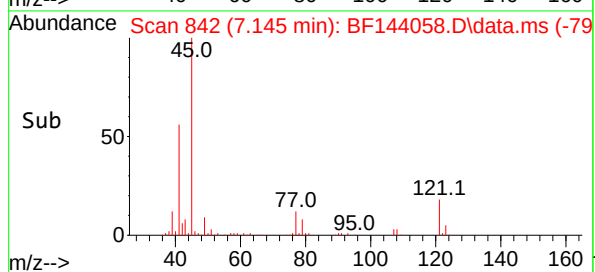
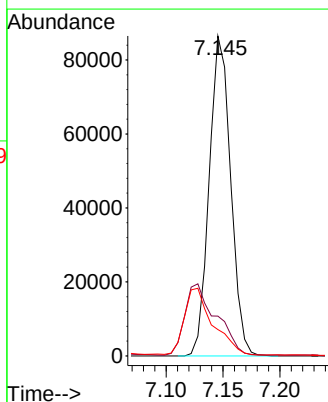
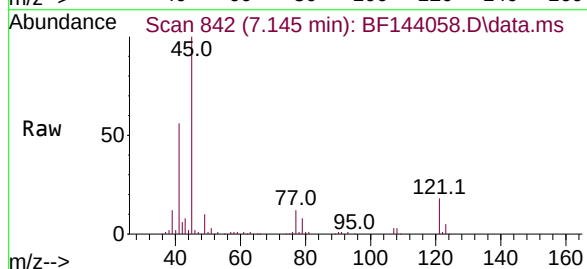
Tgt Ion: 45 Resp: 113682

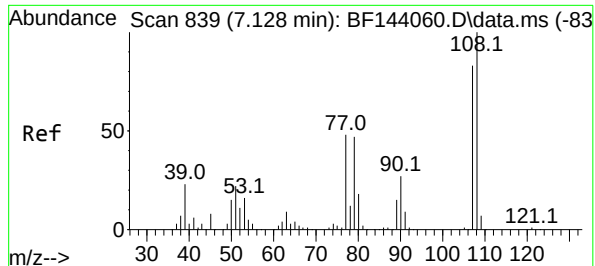
Ion Ratio Lower Upper

45 100

77 12.4 0.0 30.9

79 8.2 0.0 28.2

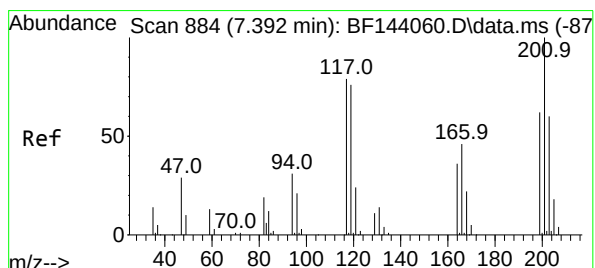
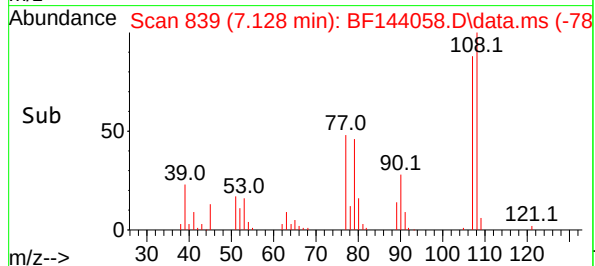
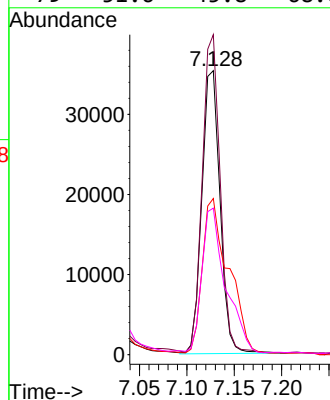
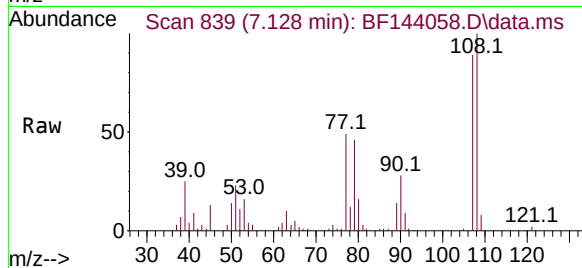




#17
2-Methylphenol
Concen: 10.548 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

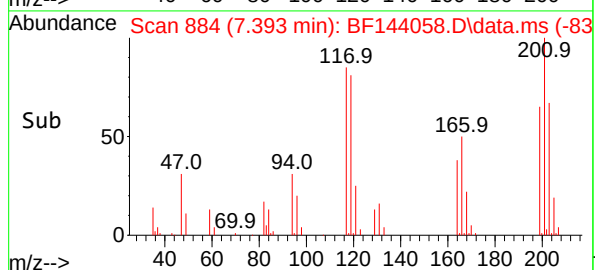
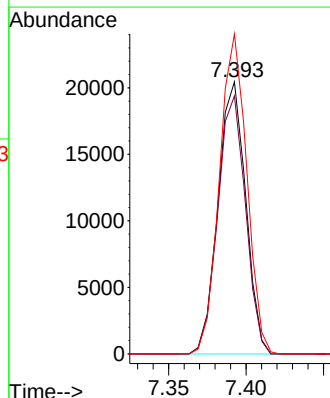
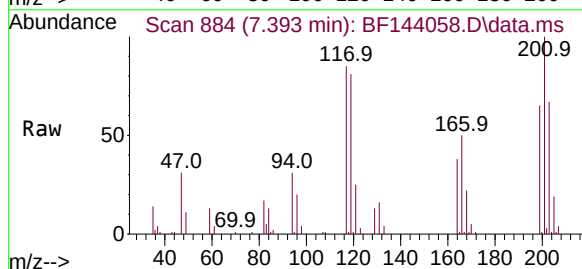
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

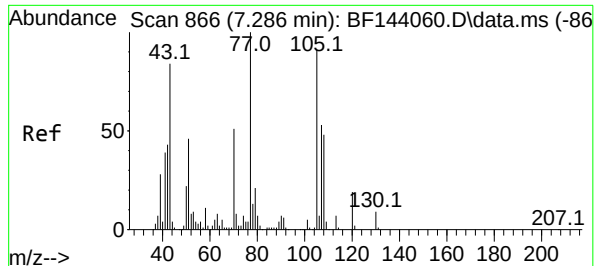
Tgt Ion:	107	Resp:	47217
Ion	Ratio	Lower	Upper
107	100		
108	112.7	96.4	144.6
77	55.0	46.8	70.2
79	51.6	45.8	68.6



#18
Hexachloroethane
Concen: 10.058 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:	117	Resp:	25444
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.6	115.0
201	117.6	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 10.764 ng

RT: 7.281 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 45435

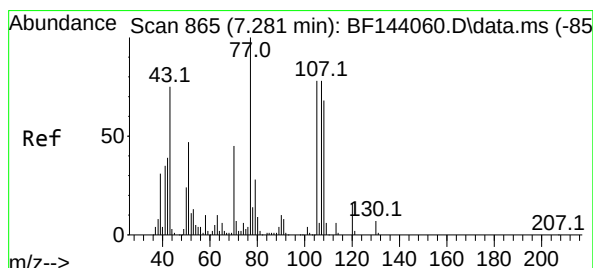
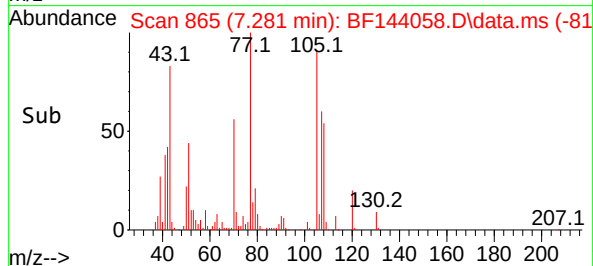
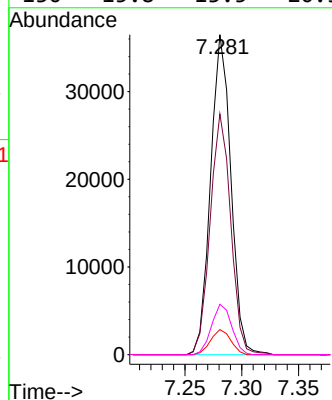
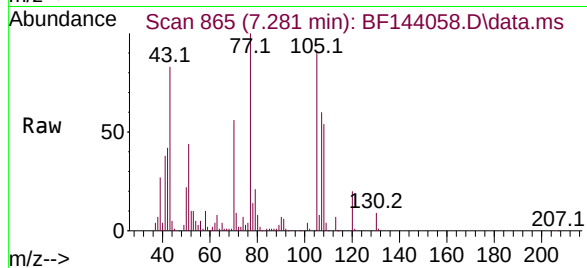
Ion Ratio Lower Upper

70 100

42 75.2 67.4 101.0

101 7.8 7.1 10.7

130 15.8 13.5 20.3



#20

3+4-Methylphenols

Concen: 11.219 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion:107 Resp: 59370

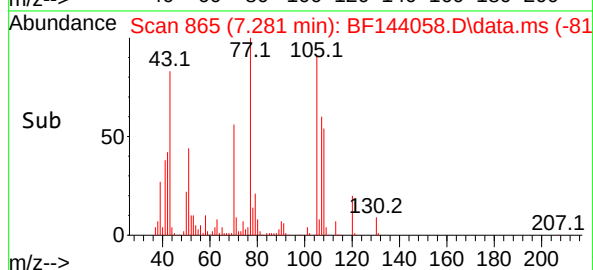
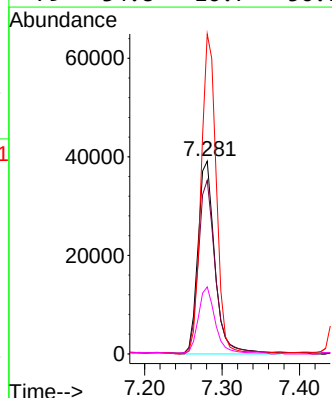
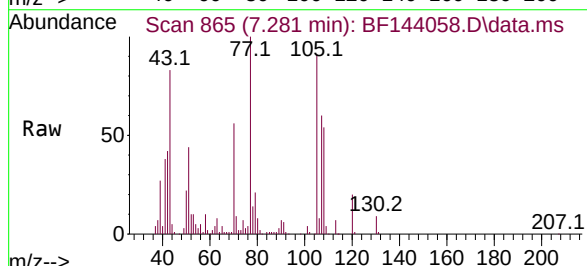
Ion Ratio Lower Upper

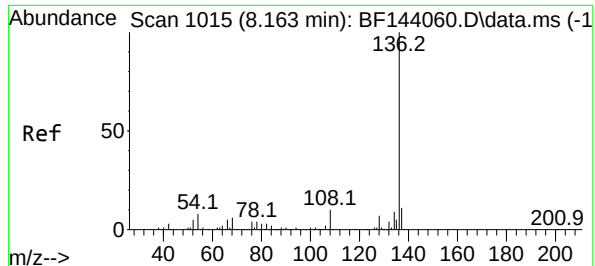
107 100

108 90.1 68.0 108.0

77 166.0 108.7 148.7#

79 34.8 16.7 56.7

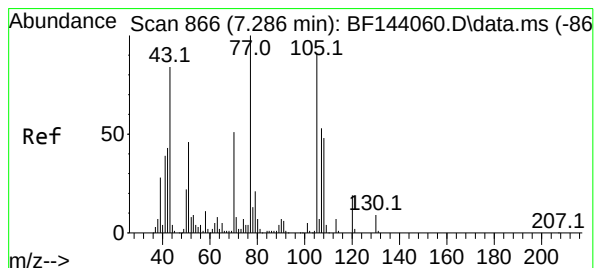
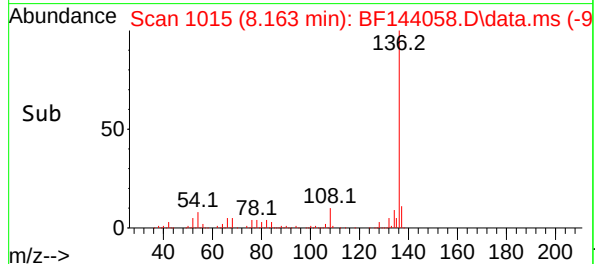
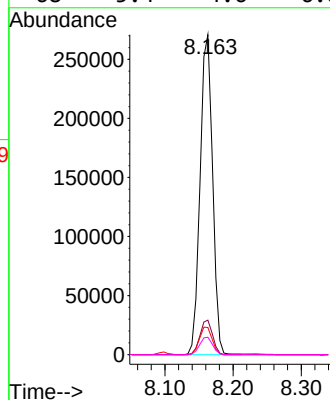
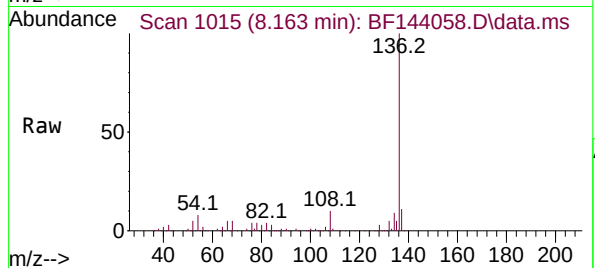




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

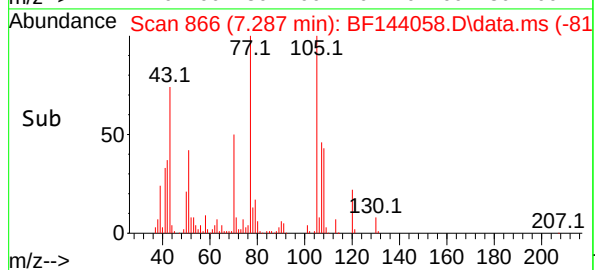
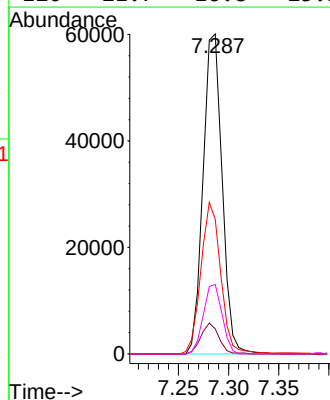
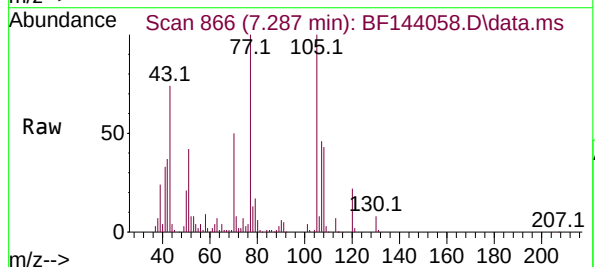
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

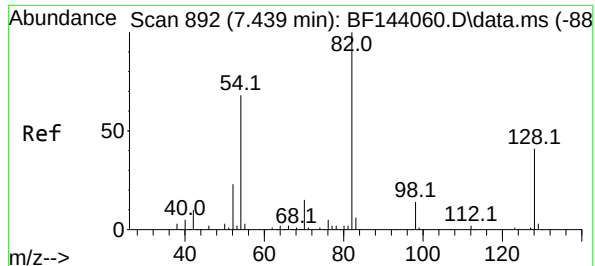
Tgt Ion:136 Resp: 345633
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.5 6.6 9.8
68 5.4 4.6 6.8



#22
Acetophenone
Concen: 10.620 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:105 Resp: 79330
Ion Ratio Lower Upper
105 100
71 7.8 6.9 10.3
51 42.0 40.6 60.8
120 21.7 16.8 25.2

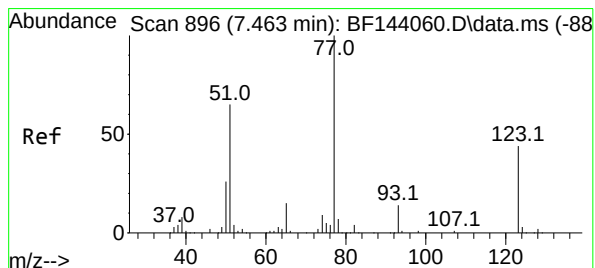
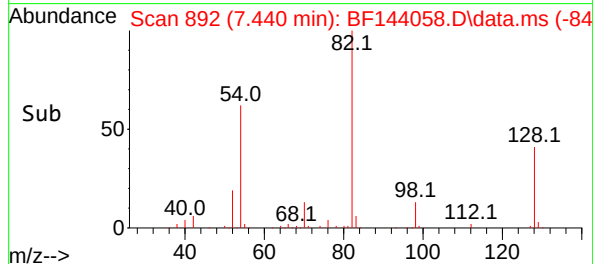
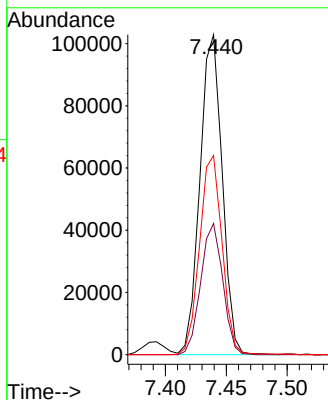
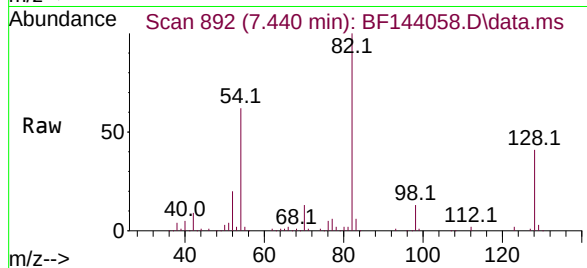




#23
Nitrobenzene-d5
Concen: 20.735 ng
RT: 7.440 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

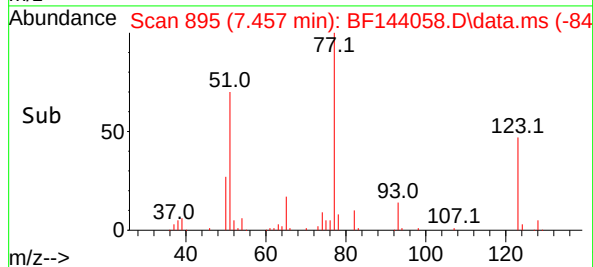
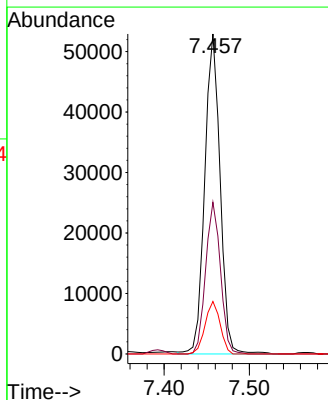
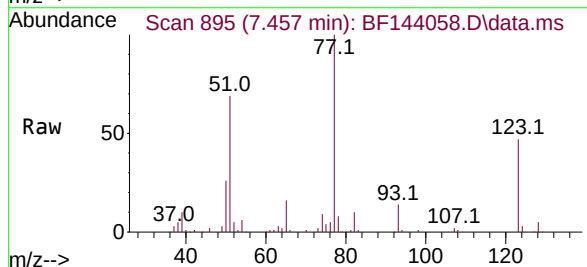
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

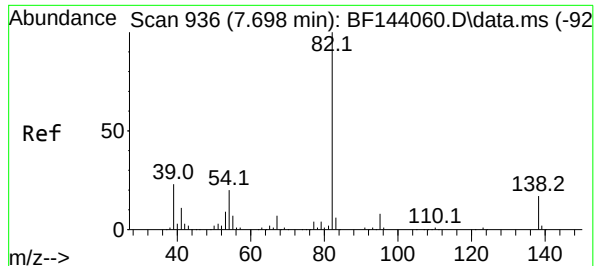
Tgt Ion: 82 Resp: 130813
Ion Ratio Lower Upper
82 100
128 41.0 32.4 48.6
54 62.2 54.0 81.0



#24
Nitrobenzene
Concen: 9.941 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 77 Resp: 66345
Ion Ratio Lower Upper
77 100
123 47.4 35.0 52.6
65 16.4 12.2 18.2

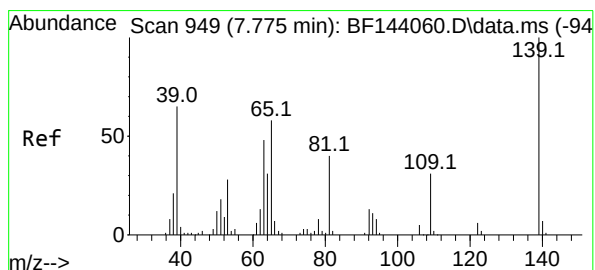
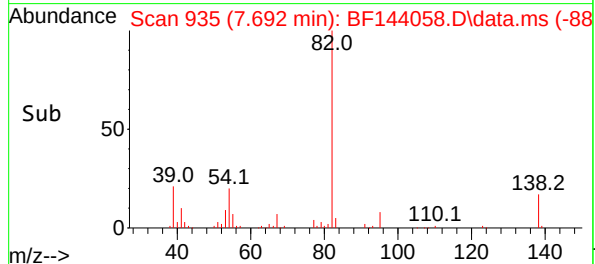
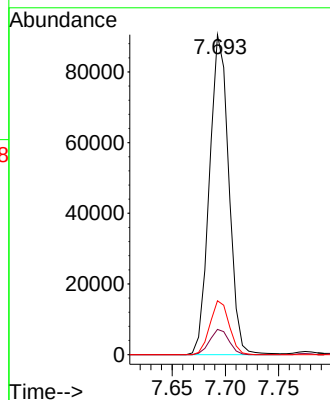
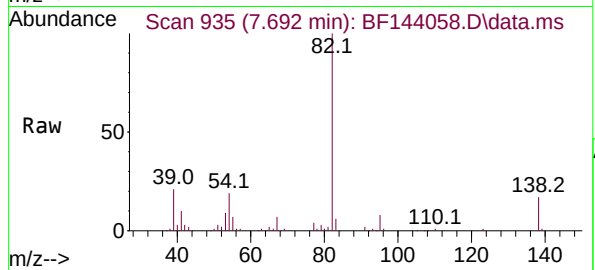




#25
Isophorone
Concen: 10.366 ng
RT: 7.692 min Scan# 936
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

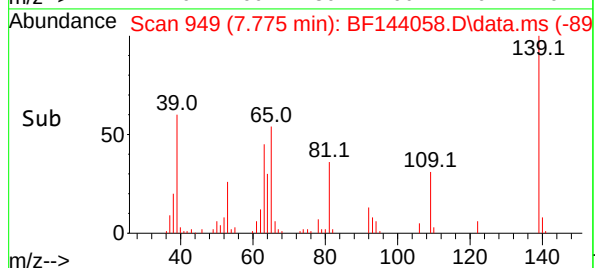
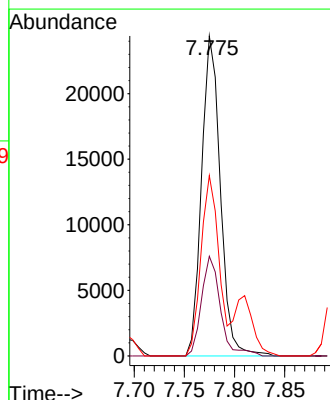
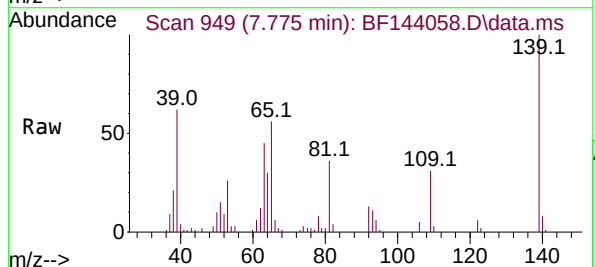
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

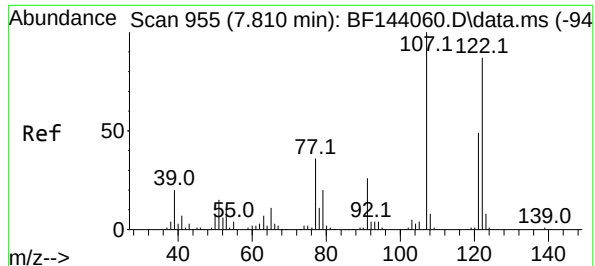
Tgt Ion: 82 Resp: 114333
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 16.8 13.8 20.8



#26
2-Nitrophenol
Concen: 9.992 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:139 Resp: 31721
Ion Ratio Lower Upper
139 100
109 31.1 24.6 37.0
65 56.3 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 10.215 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

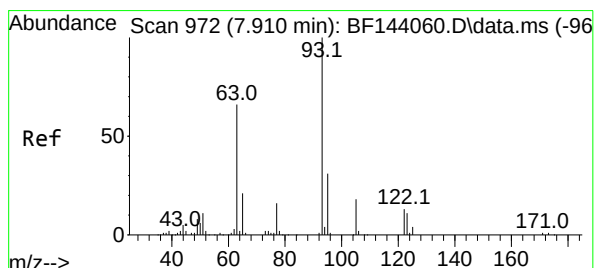
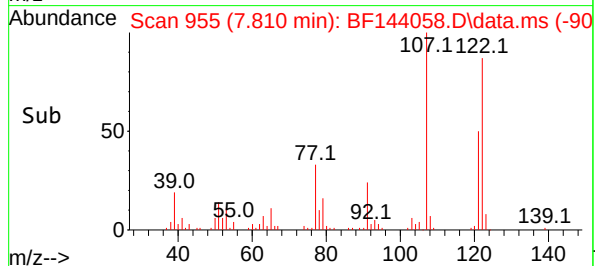
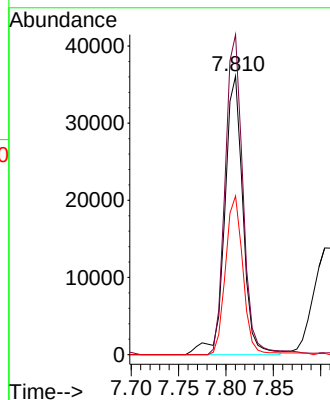
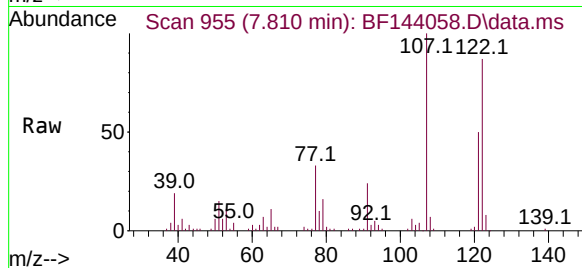
Tgt Ion:122 Resp: 48192

Ion Ratio Lower Upper

122 100

107 114.9 91.8 137.8

121 56.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.241 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

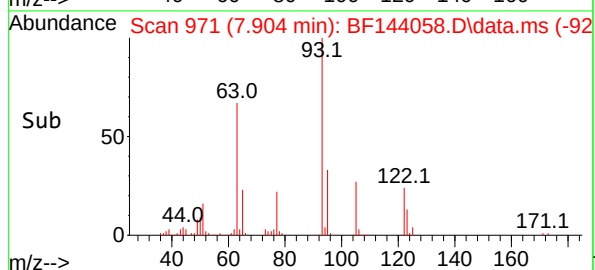
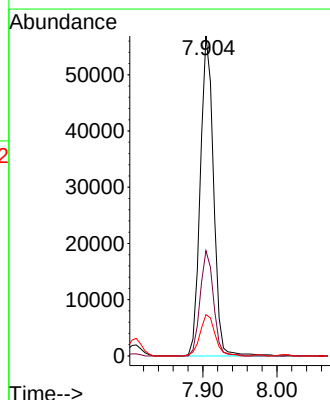
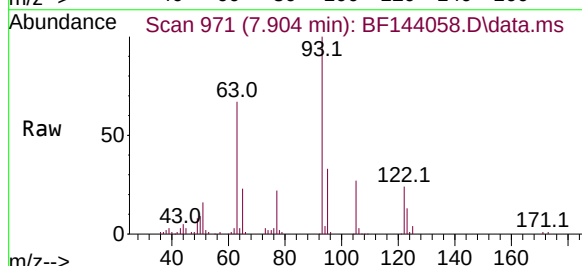
Tgt Ion: 93 Resp: 70437

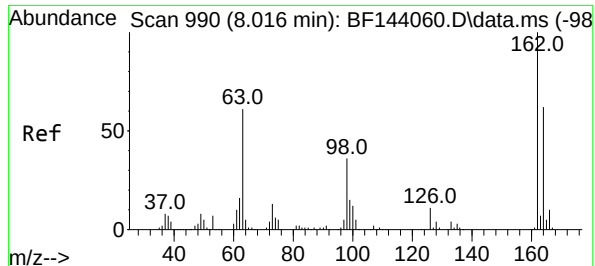
Ion Ratio Lower Upper

93 100

95 32.9 24.6 36.8

123 12.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 10.858 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

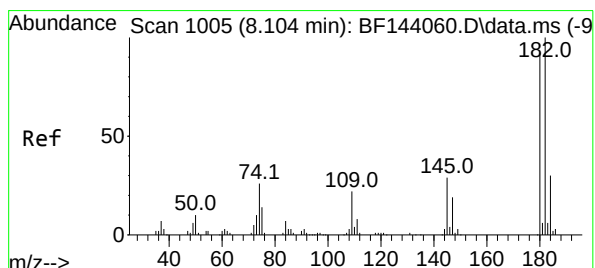
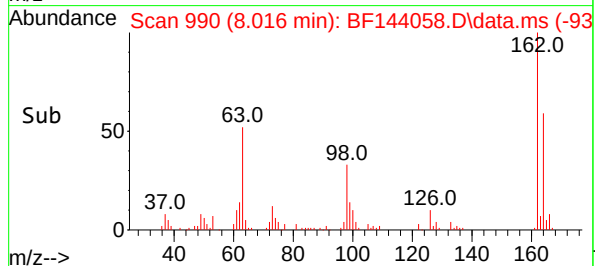
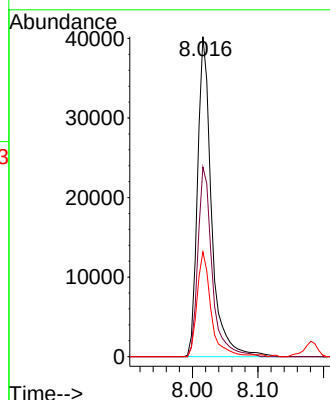
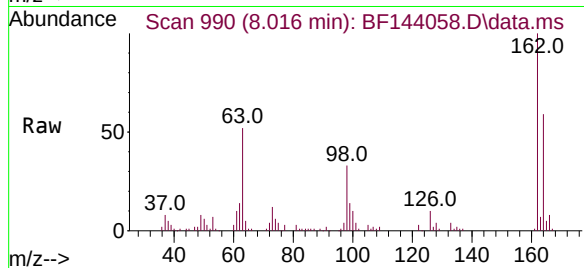
Tgt Ion:162 Resp: 59570

Ion Ratio Lower Upper

162 100

164 59.2 42.1 82.1

98 32.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 10.367 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

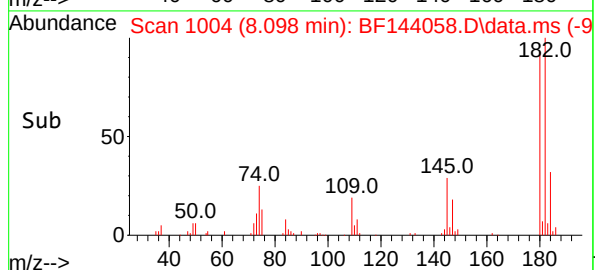
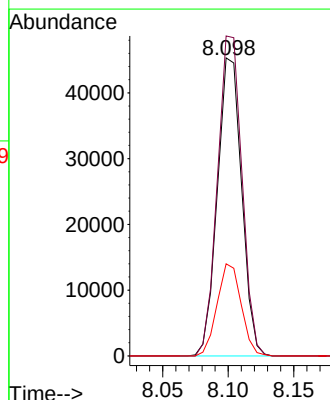
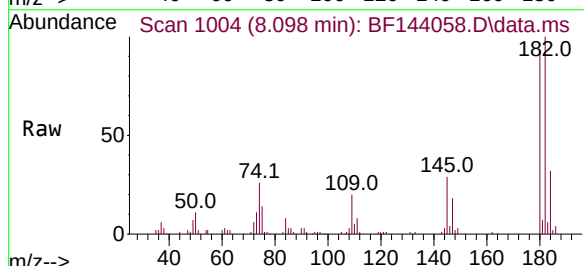
Tgt Ion:180 Resp: 58514

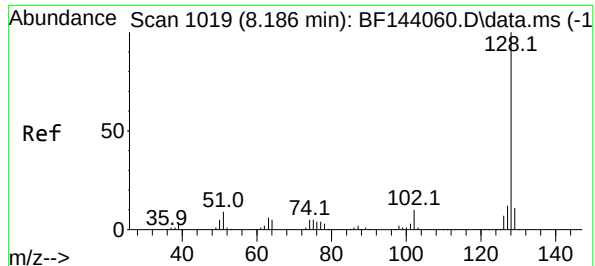
Ion Ratio Lower Upper

180 100

182 107.4 87.1 130.7

145 30.9 25.3 37.9

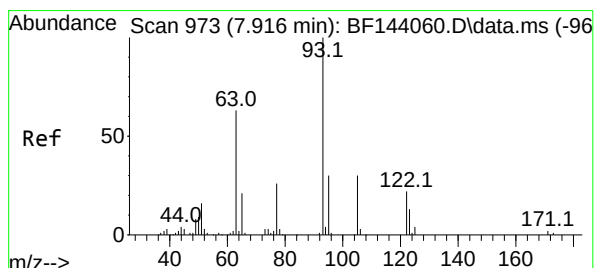
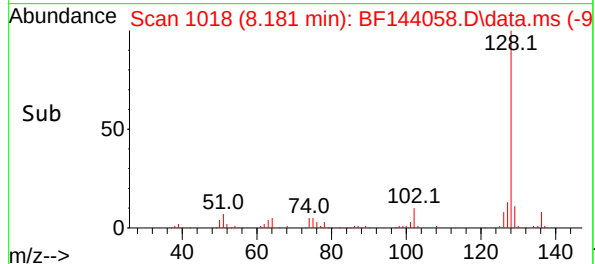
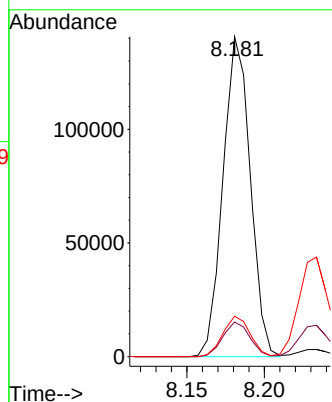
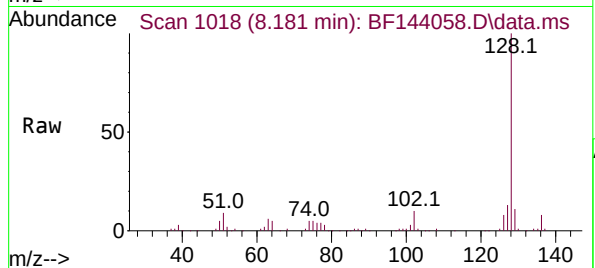




#31
Naphthalene
Concen: 10.618 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

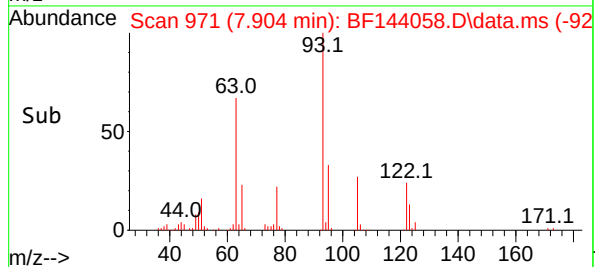
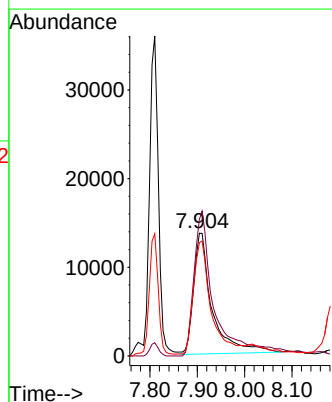
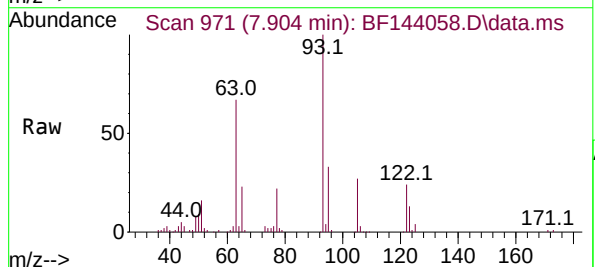
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

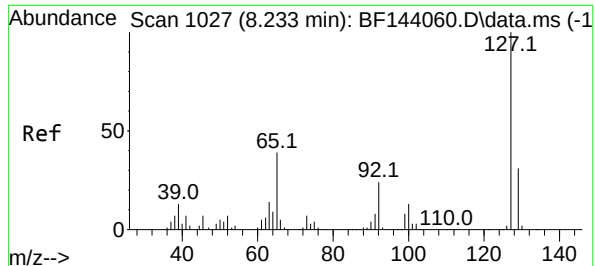
Tgt Ion:128 Resp: 173217
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.6 9.9 14.9



#32
Benzoic acid
Concen: 12.520 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.012 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:122 Resp: 37467
Ion Ratio Lower Upper
122 100
105 111.5 111.3 151.3
77 92.4 96.7 136.7#

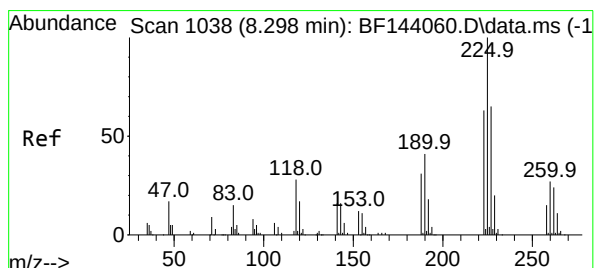
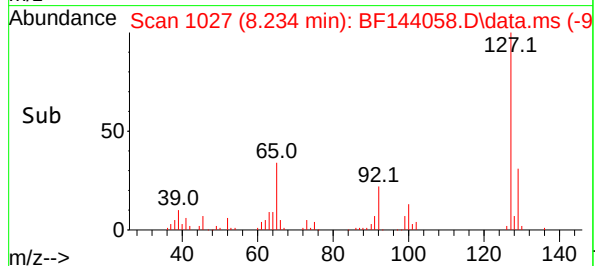
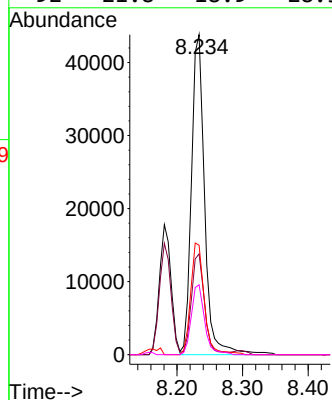
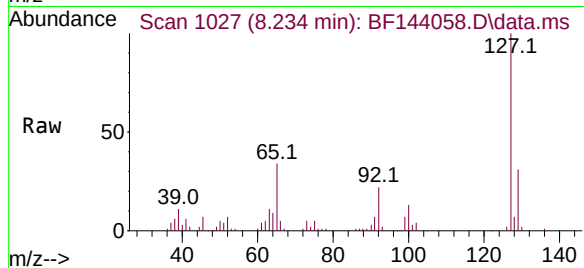




#33
4-Chloroaniline
Concen: 10.837 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

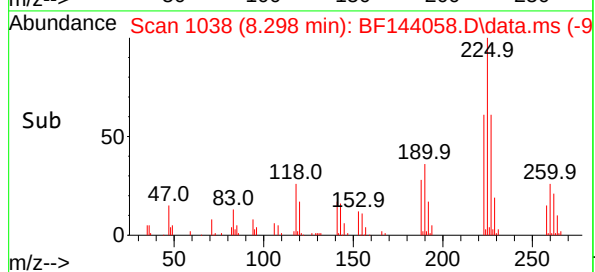
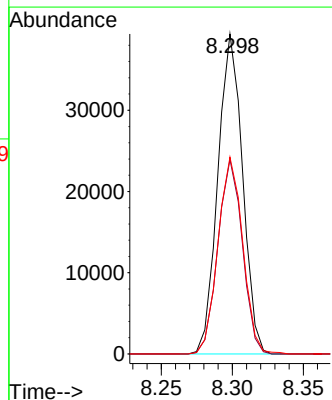
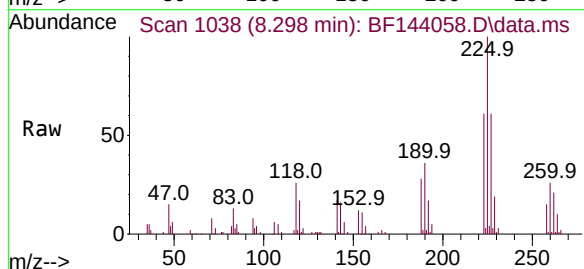
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

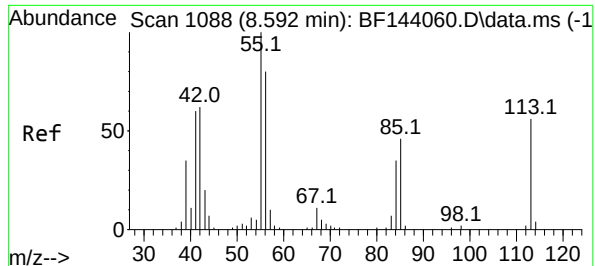
Tgt Ion:127	Resp:	61541
Ion Ratio	Lower	Upper
127	100	
129	31.5	25.6 38.4
65	34.2	30.9 46.3
92	21.8	18.9 28.3



#34
Hexachlorobutadiene
Concen: 10.323 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:225	Resp:	47643
Ion Ratio	Lower	Upper
225	100	
223	60.7	50.6 76.0
227	61.5	51.8 77.8

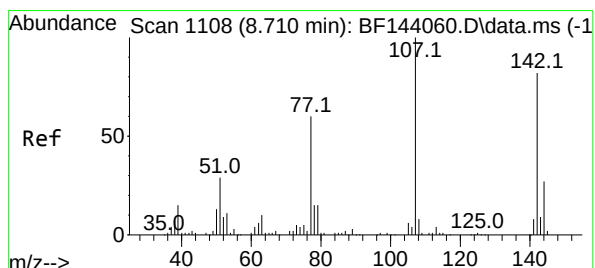
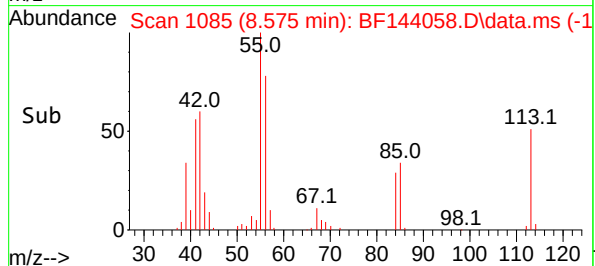
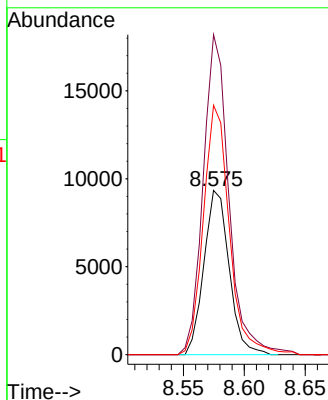
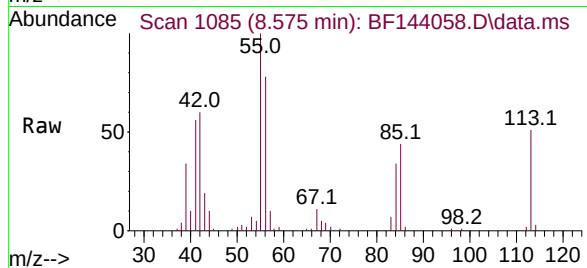




#35
Caprolactam
Concen: 9.779 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.017 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

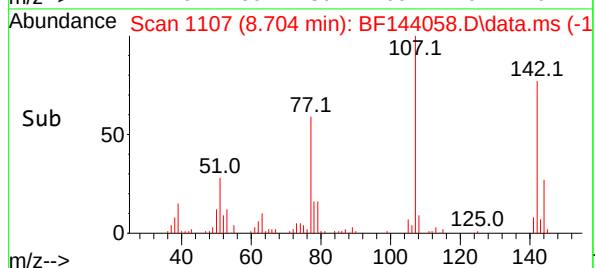
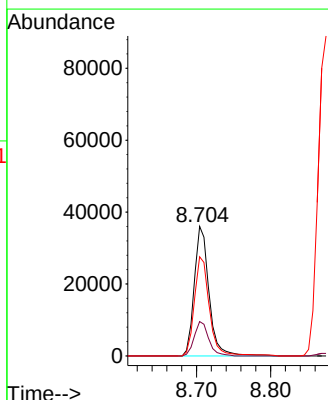
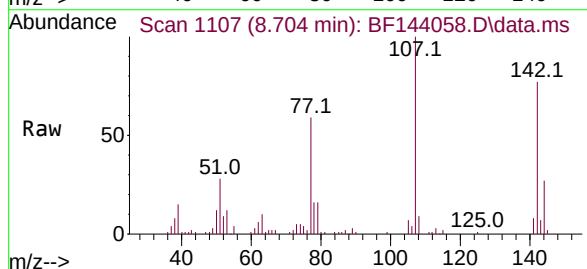
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

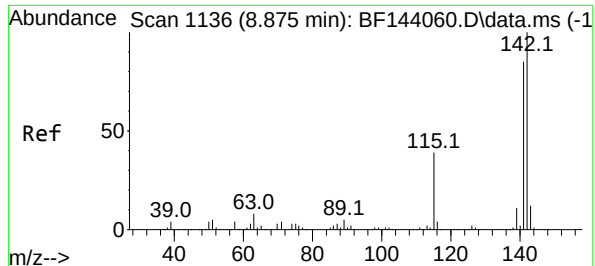
Tgt Ion:113 Resp: 13454
Ion Ratio Lower Upper
113 100
55 194.9 160.1 200.1
56 151.9 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 10.327 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:107 Resp: 50000
Ion Ratio Lower Upper
107 100
144 26.5 21.6 32.4
142 76.6 65.4 98.0





#37

2-Methylnaphthalene

Concen: 10.507 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

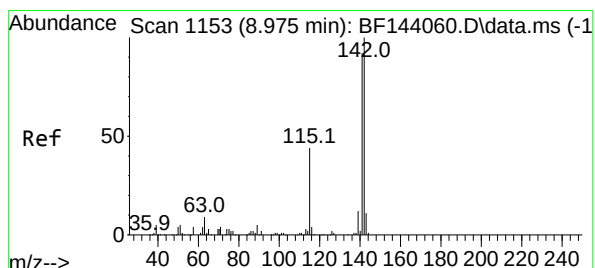
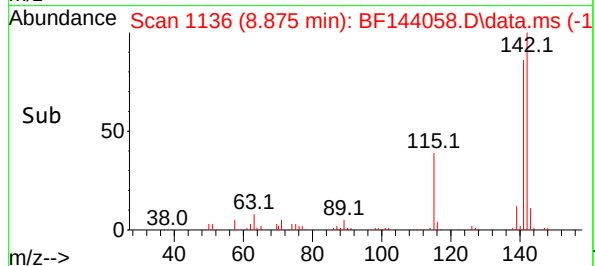
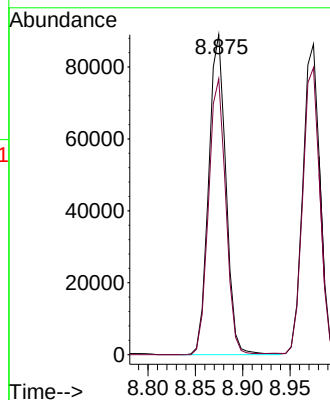
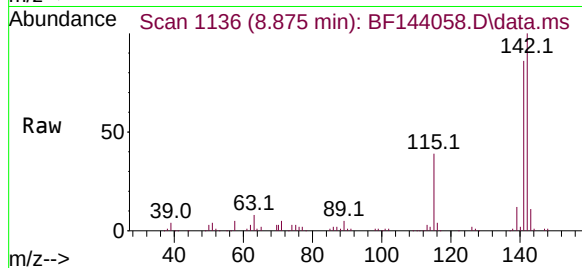
SSTDICC010

Tgt Ion:142 Resp: 113005

Ion Ratio Lower Upper

142 100

141 86.2 67.6 101.4



#38

1-Methylnaphthalene

Concen: 10.642 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144058.D

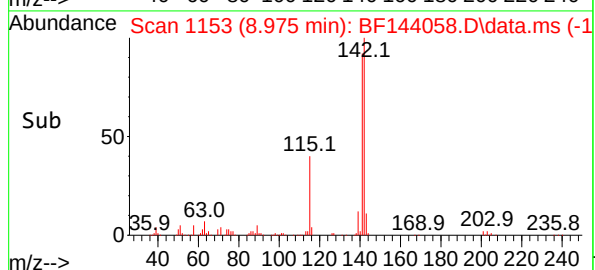
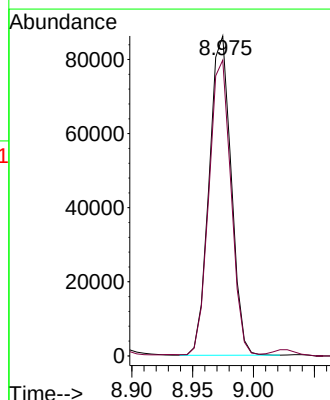
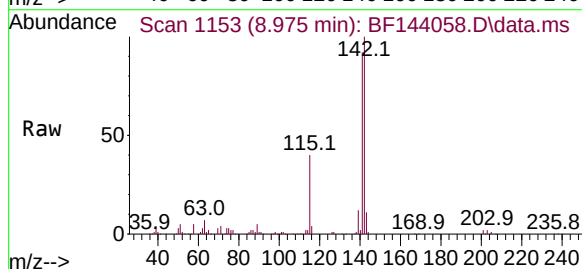
Acq: 24 Oct 2025 11:39

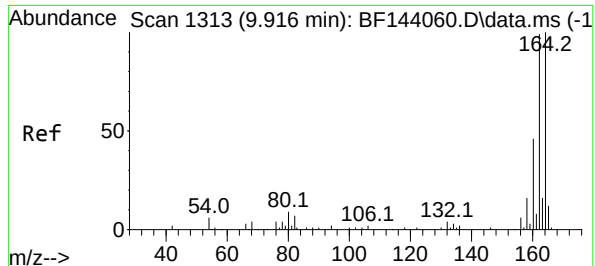
Tgt Ion:142 Resp: 108437

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.2

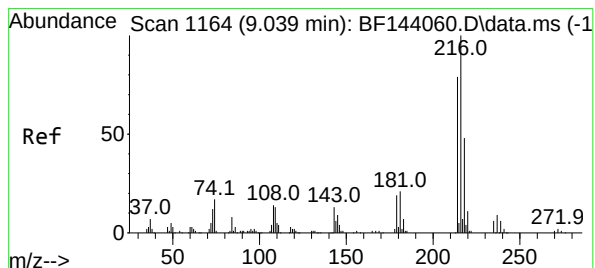
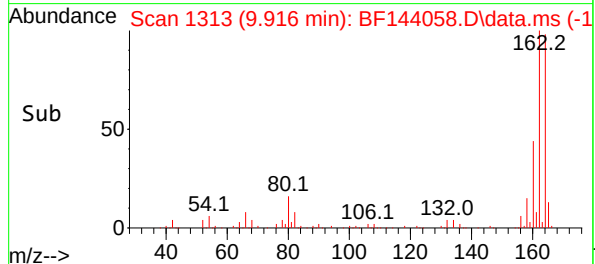
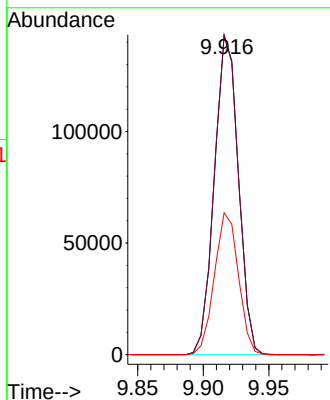
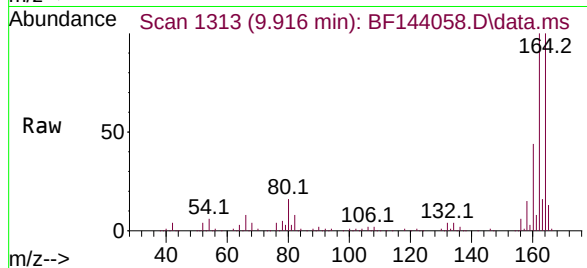




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

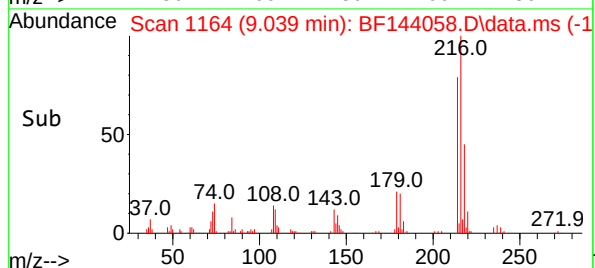
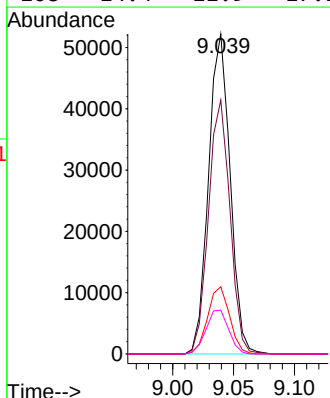
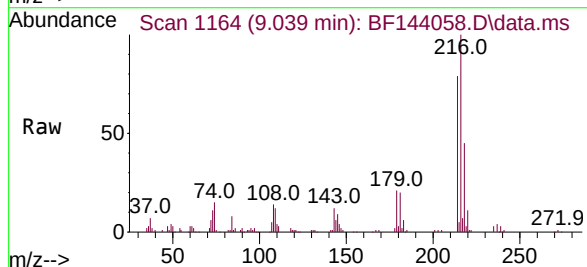
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

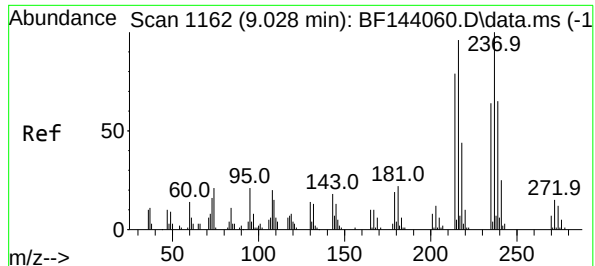
Tgt Ion:164 Resp: 181955
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 44.5 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.283 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

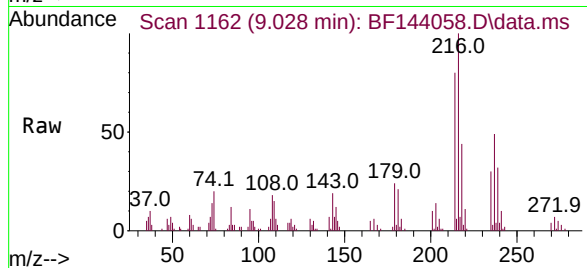
Tgt Ion:216 Resp: 64302
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 21.3 15.2 22.8
108 14.4 11.9 17.9



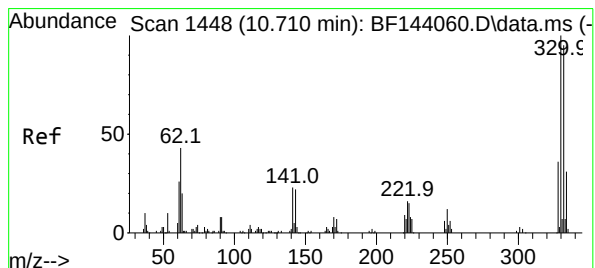
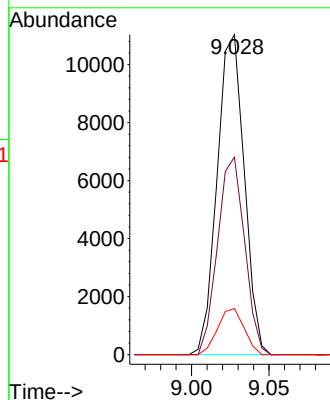
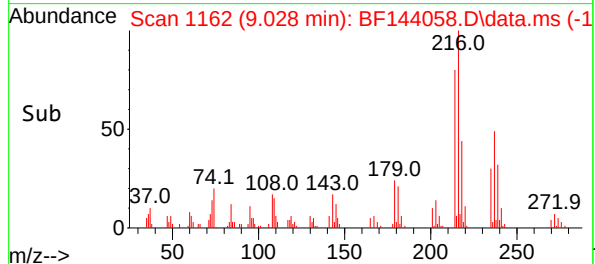


#41
Hexachlorocyclopentadiene
Concen: 6.972 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

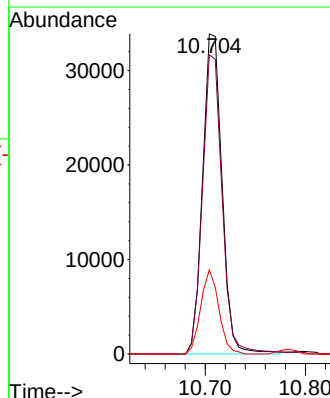
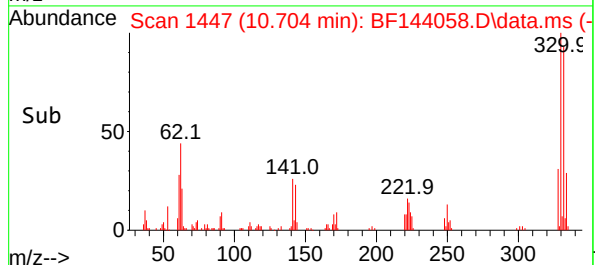
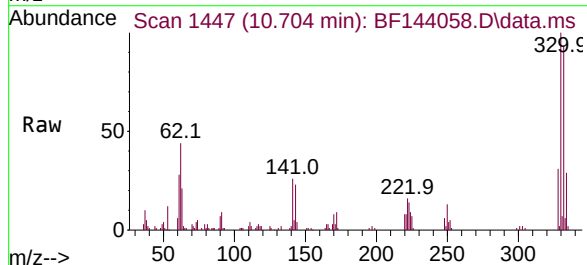


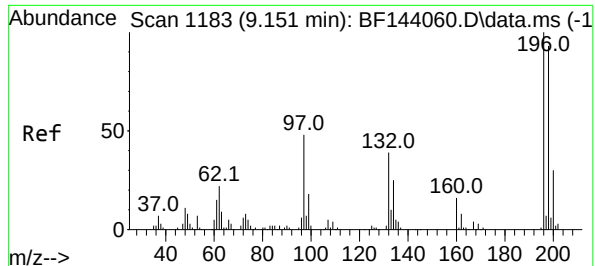
Tgt Ion:237 Resp: 13467
Ion Ratio Lower Upper
237 100
235 61.7 44.3 84.3
272 14.4 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 19.574 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:330 Resp: 45367
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 24.4 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 10.000 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

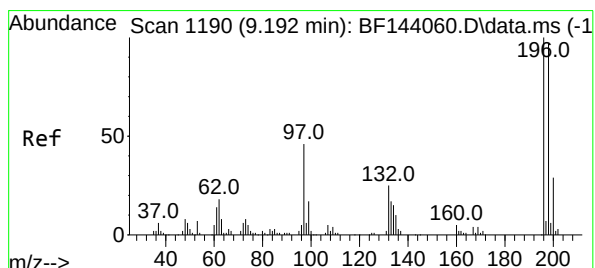
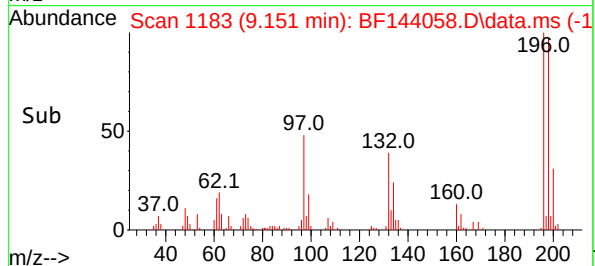
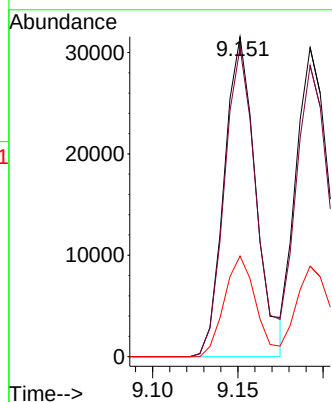
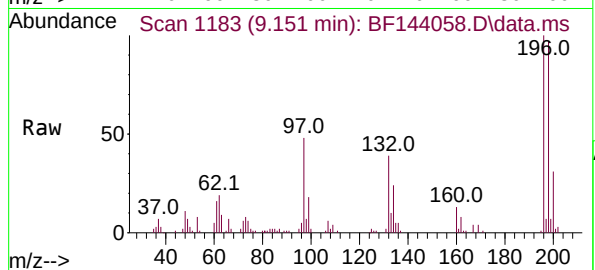
Tgt Ion:196 Resp: 40647

Ion Ratio Lower Upper

196 100

198 96.6 74.4 111.6

200 31.4 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 10.341 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Tgt Ion:196 Resp: 44114

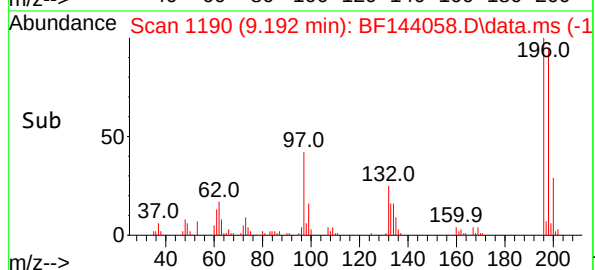
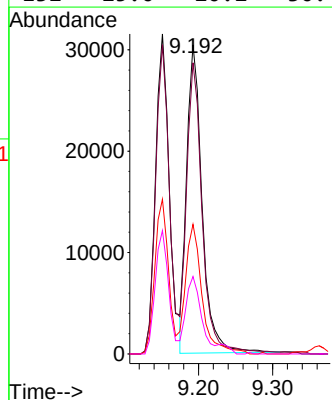
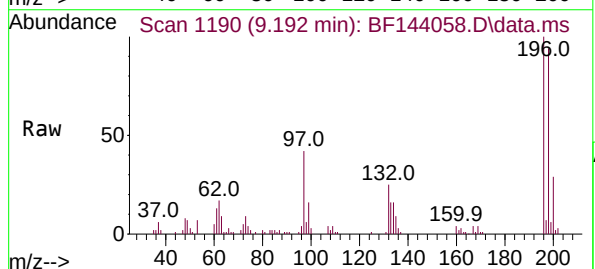
Ion Ratio Lower Upper

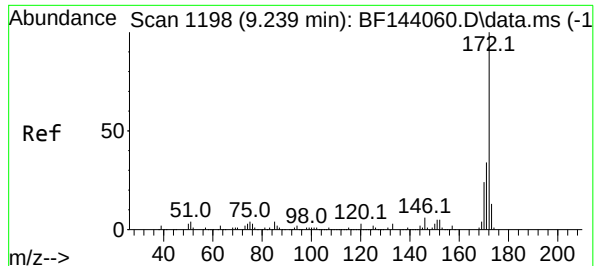
196 100

198 94.2 78.0 117.0

97 41.9 37.7 56.5

132 25.0 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 21.152 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

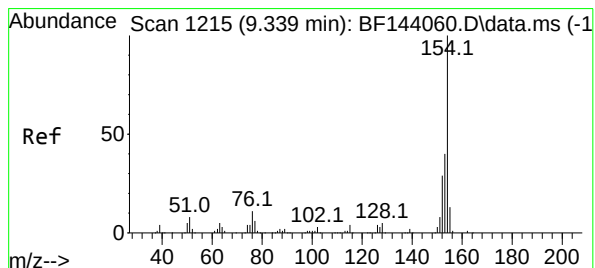
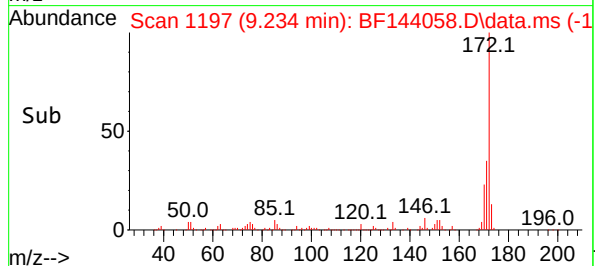
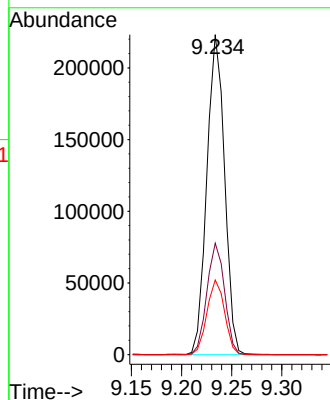
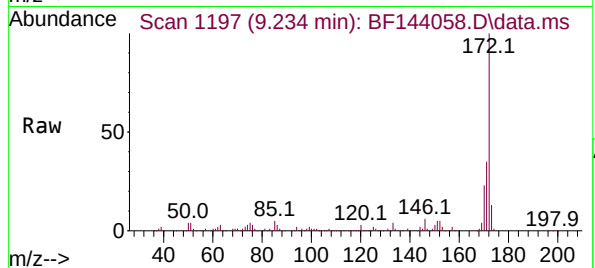
Tgt Ion:172 Resp: 273504

Ion Ratio Lower Upper

172 100

171 34.8 27.5 41.3

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 10.704 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

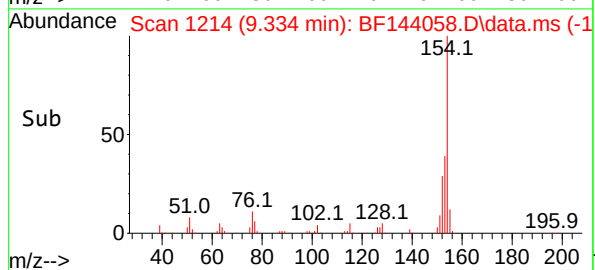
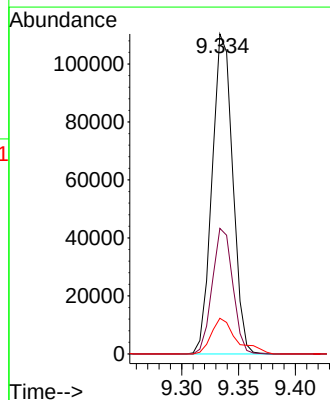
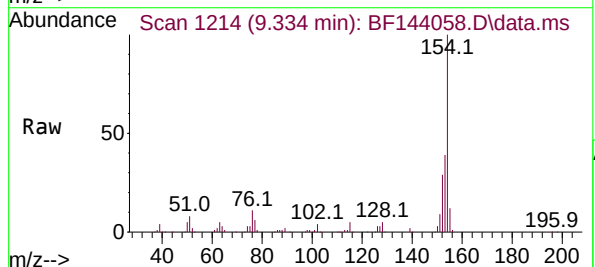
Tgt Ion:154 Resp: 139423

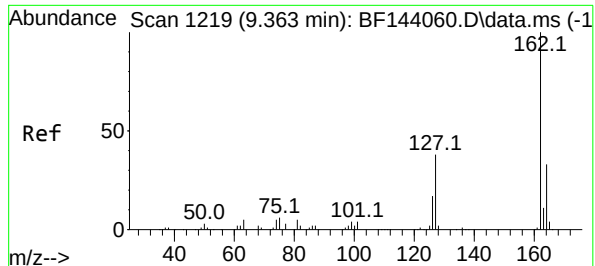
Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 10.540 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144058.D

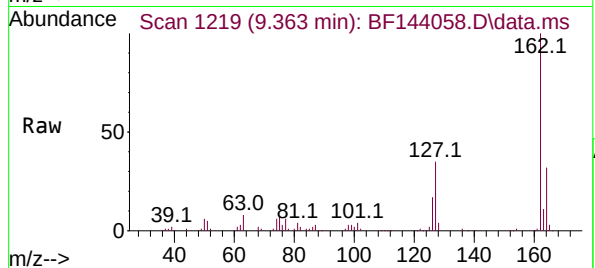
Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



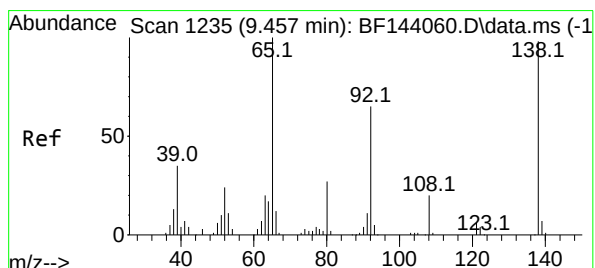
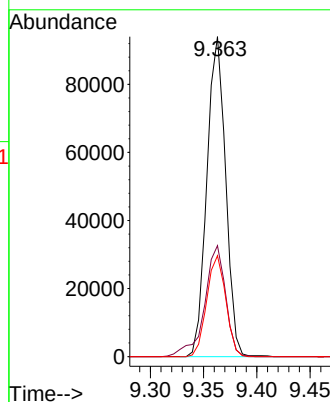
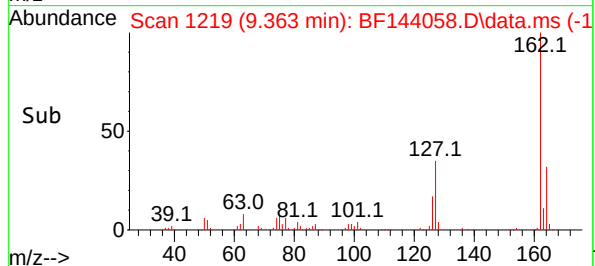
Tgt Ion:162 Resp: 115014

Ion Ratio Lower Upper

162 100

127 34.7 31.6 47.4

164 31.5 26.5 39.7



#48

2-Nitroaniline

Concen: 10.076 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

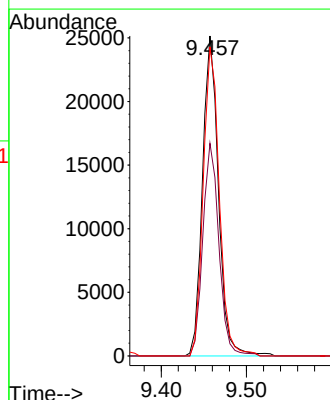
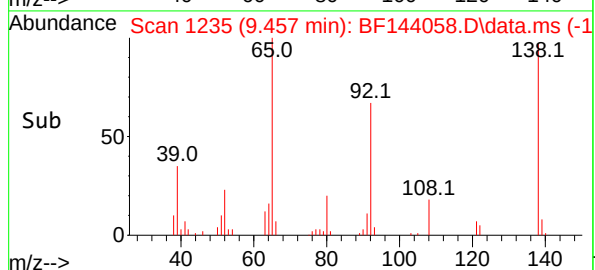
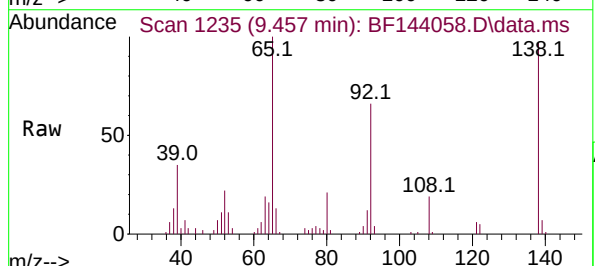
Tgt Ion: 65 Resp: 32649

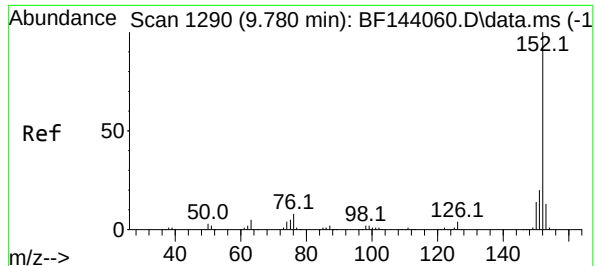
Ion Ratio Lower Upper

65 100

92 66.4 52.3 78.5

138 96.6 78.3 117.5





#49

Acenaphthylene

Concen: 10.470 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

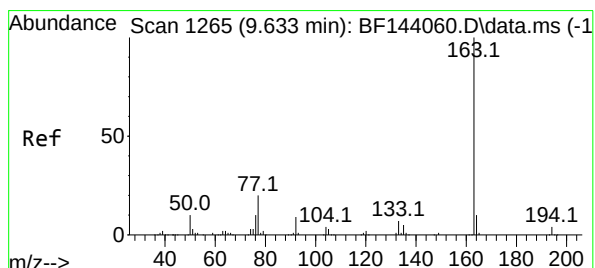
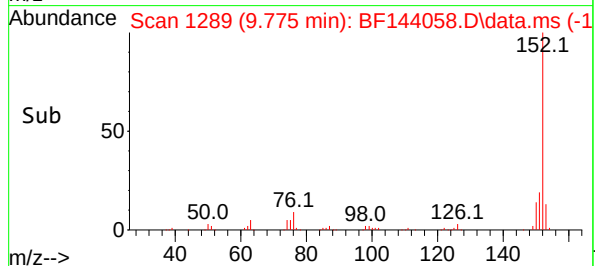
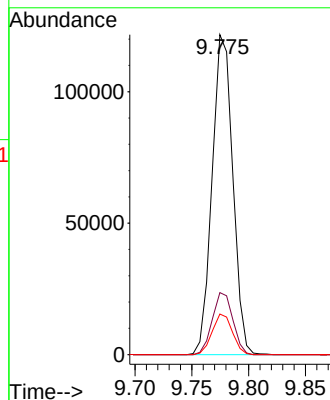
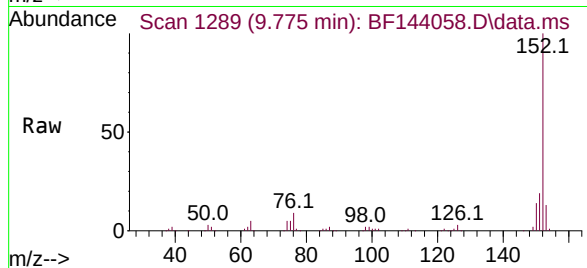
Tgt Ion:152 Resp: 154058

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.7 10.4 15.6



#50

Dimethylphthalate

Concen: 10.133 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

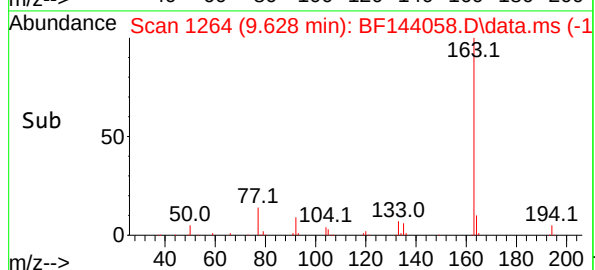
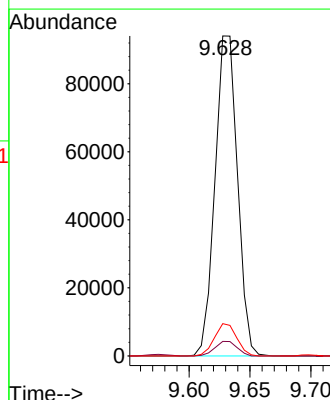
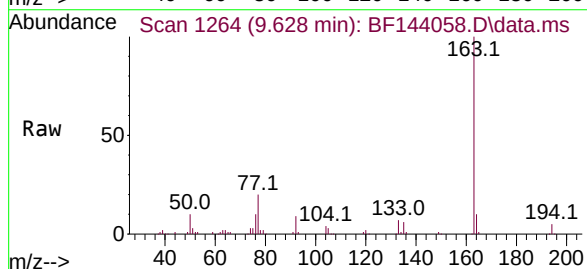
Tgt Ion:163 Resp: 120856

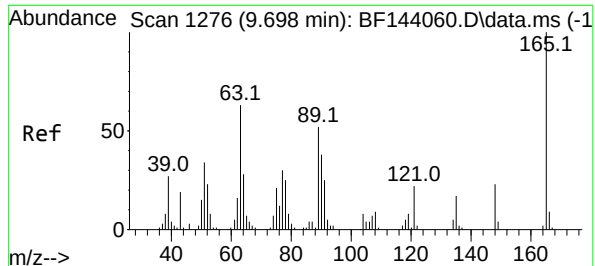
Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 10.1 7.8 11.8

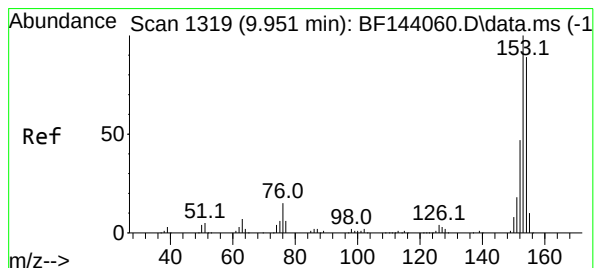
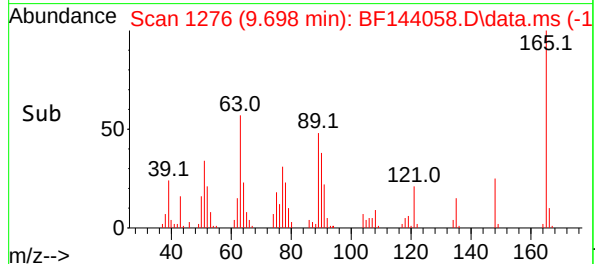
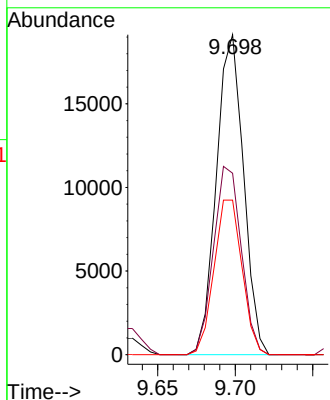
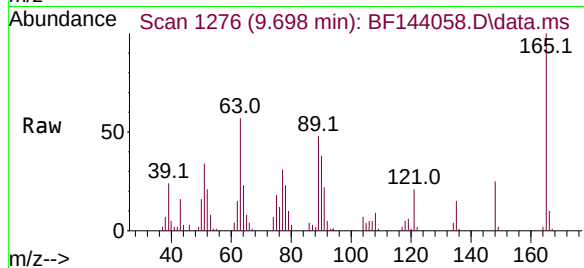




#51
2,6-Dinitrotoluene
Concen: 9.899 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

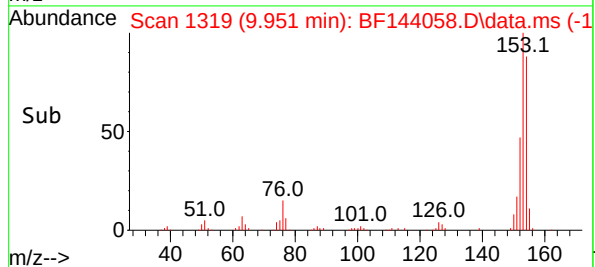
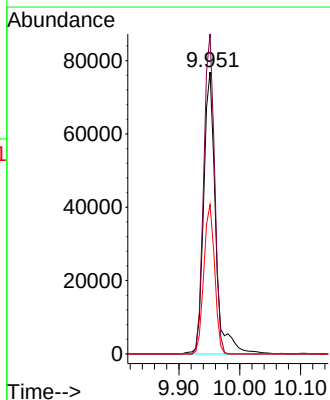
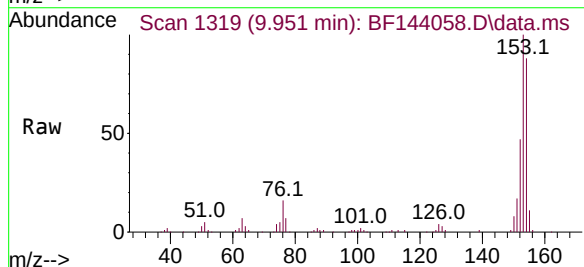
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

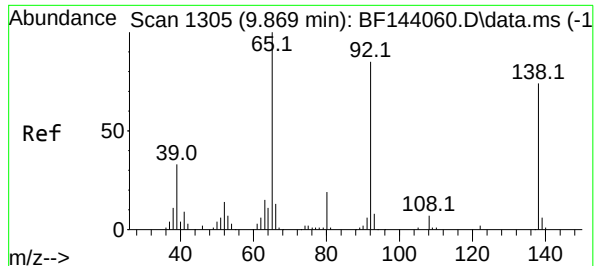
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.7	50.4	75.6
89	48.3	41.4	62.2



#52
Acenaphthene
Concen: 10.671 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.9	134.9
152	53.0	42.0	63.0

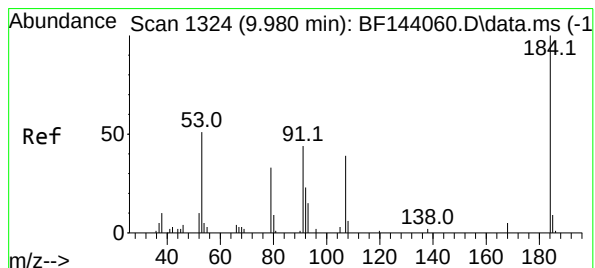
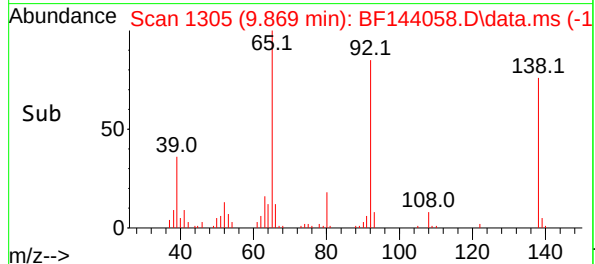
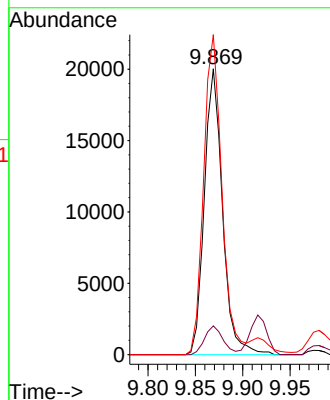
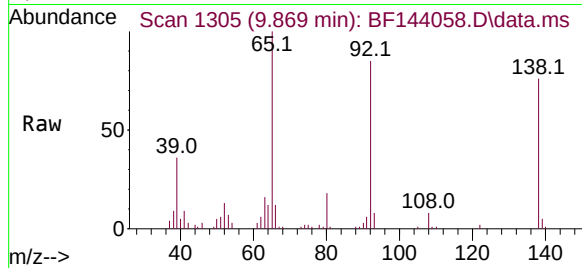




#53
3-Nitroaniline
Concen: 10.196 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

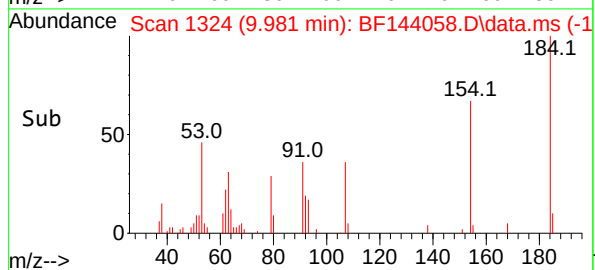
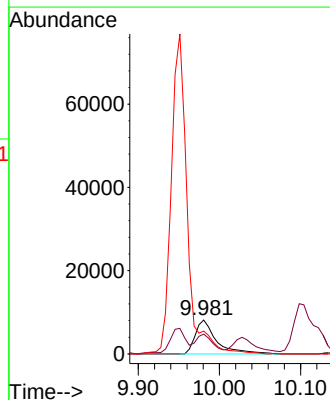
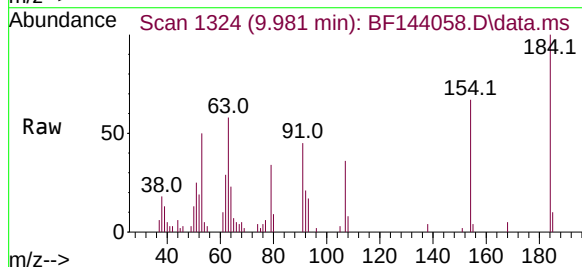
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

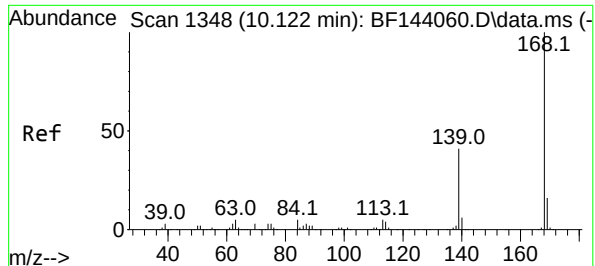
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.9	11.9
92	111.9	92.0	138.0



#54
2,4-Dinitrophenol
Concen: 11.496 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	52.1	78.1
154	67.4	47.9	71.9

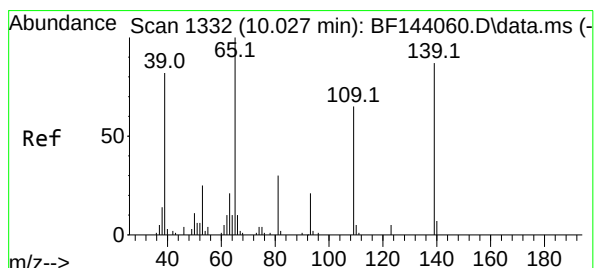
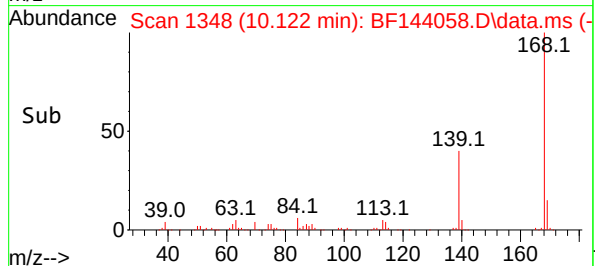
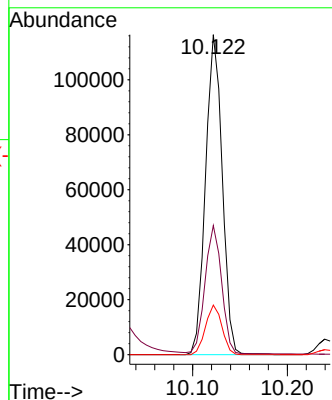
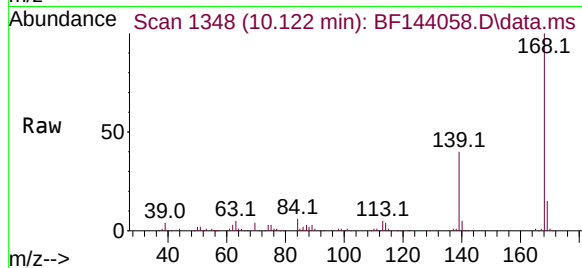




#55
Dibenzofuran
Concen: 10.481 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

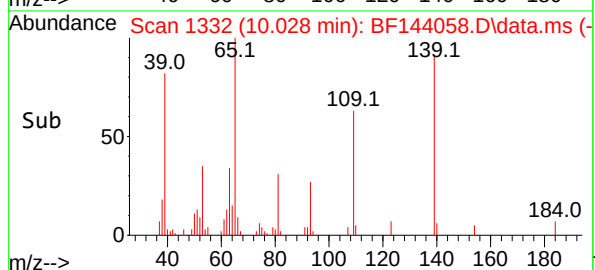
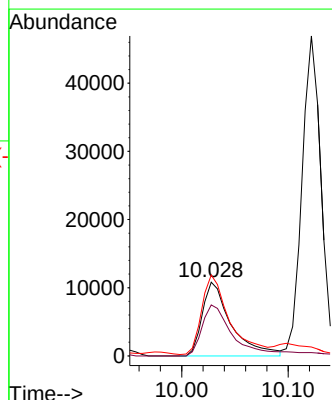
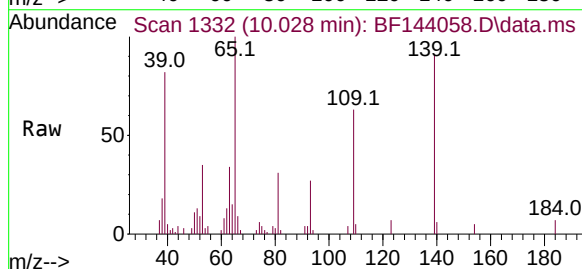
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

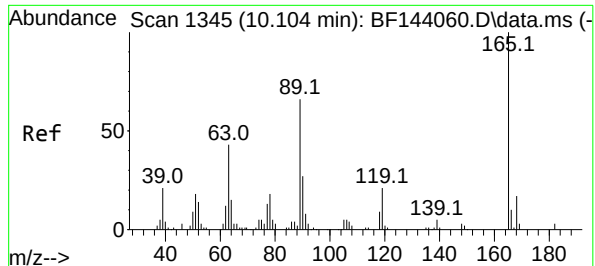
Tgt Ion:168 Resp: 142976
Ion Ratio Lower Upper
168 100
139 40.3 33.2 49.8
169 15.5 12.6 19.0



#56
4-Nitrophenol
Concen: 11.482 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

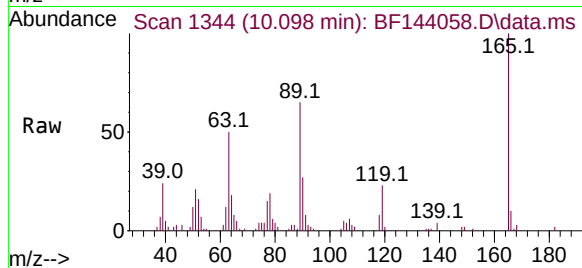
Tgt Ion:139 Resp: 20383
Ion Ratio Lower Upper
139 100
109 69.1 53.8 93.8
65 109.7 95.9 135.9



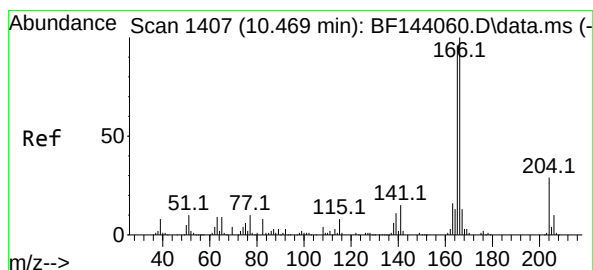
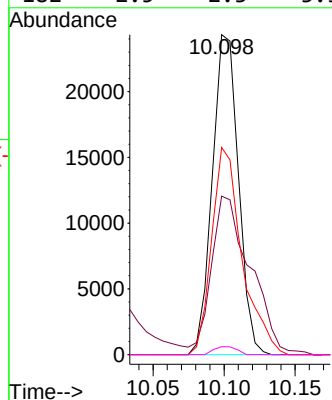
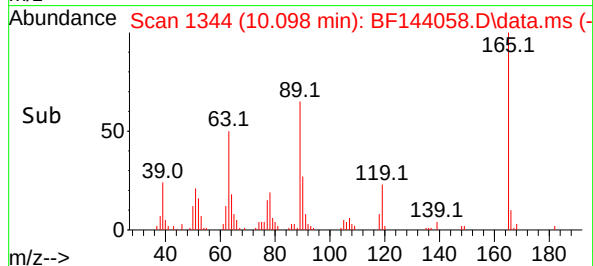


#57
2,4-Dinitrotoluene
Concen: 9.793 ng
RT: 10.098 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

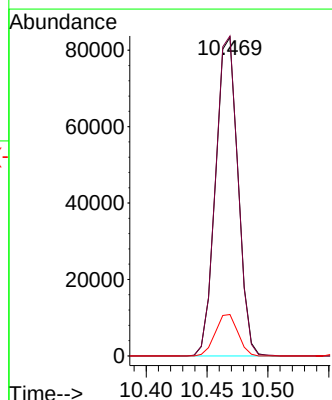
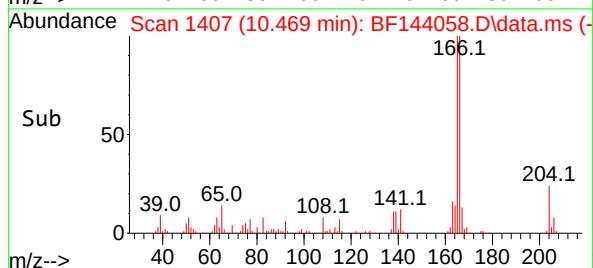
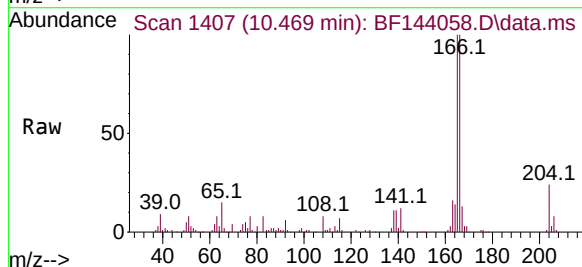


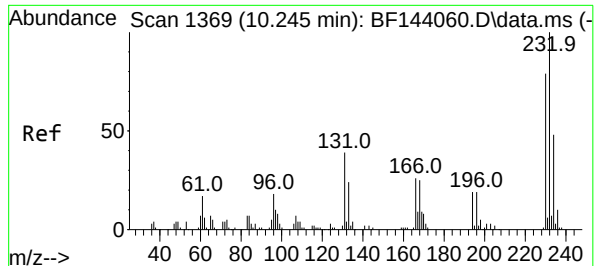
Tgt Ion:165 Resp: 31163
Ion Ratio Lower Upper
165 100
63 49.5 35.4 53.2
89 64.7 52.7 79.1
182 2.5 2.3 3.5



#58
Fluorene
Concen: 10.232 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:166 Resp: 106355
Ion Ratio Lower Upper
166 100
165 100.5 77.0 115.4
167 13.0 10.2 15.4

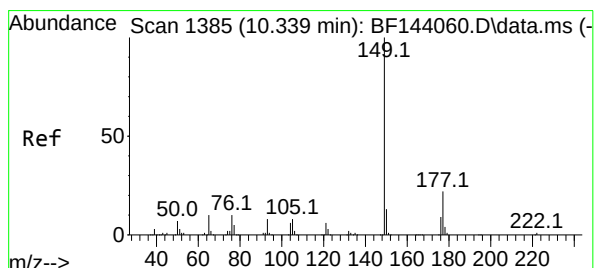
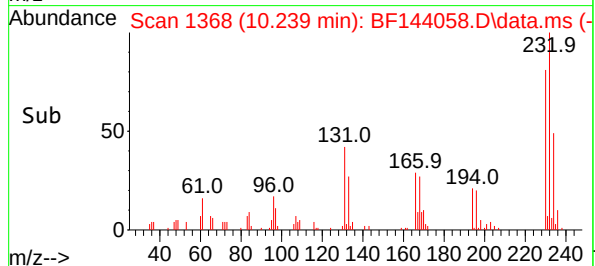
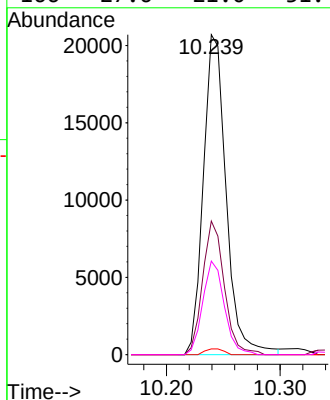
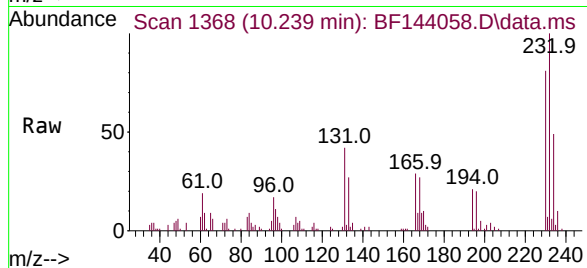




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.612 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

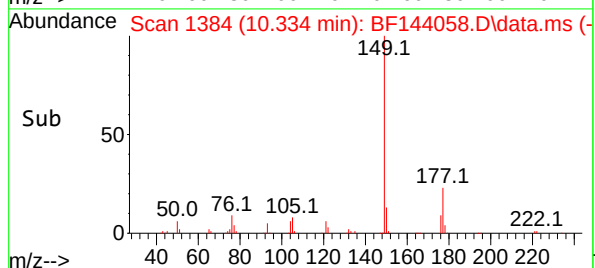
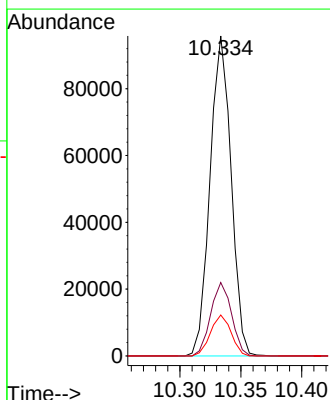
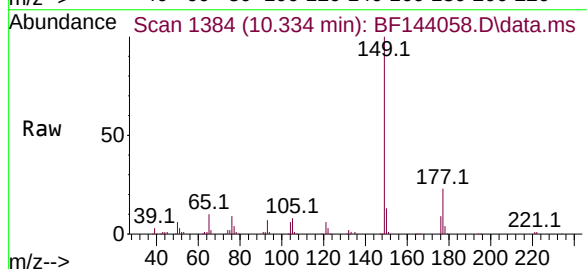
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

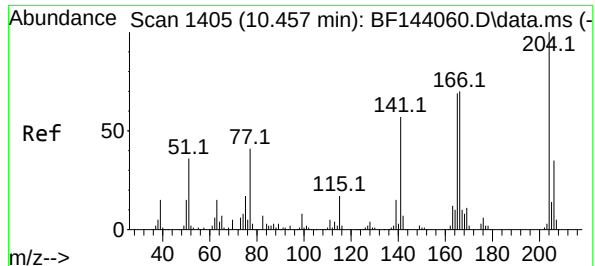
Tgt Ion:232 Resp: 28893
Ion Ratio Lower Upper
232 100
131 39.6 31.9 47.9
130 1.4 1.1 1.7
166 27.6 21.0 31.4



#60
Diethylphthalate
Concen: 10.256 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:149 Resp: 115029
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.6
150 12.8 10.1 15.1

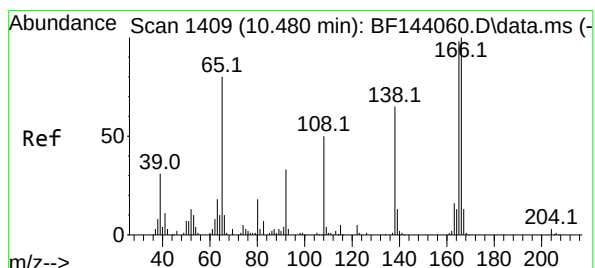
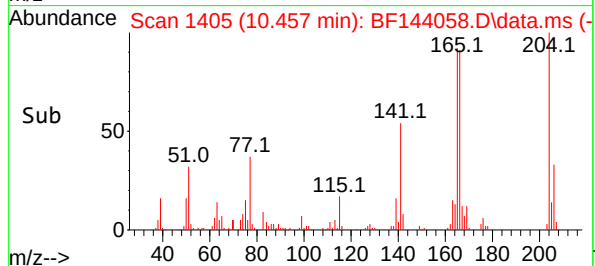
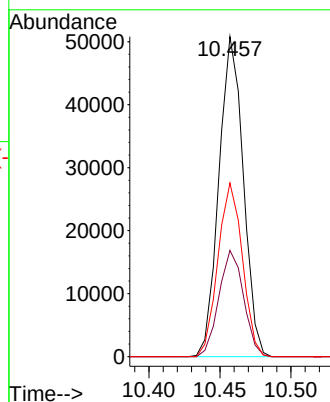
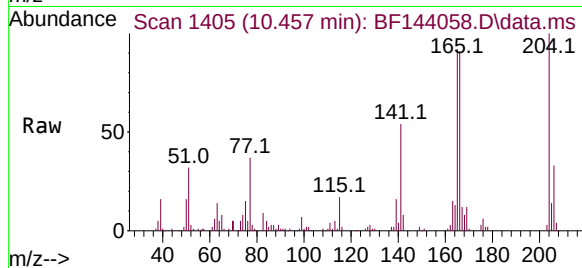




#61
4-Chlorophenyl-phenylether
Concen: 10.385 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

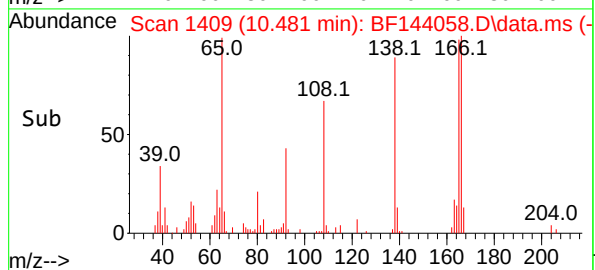
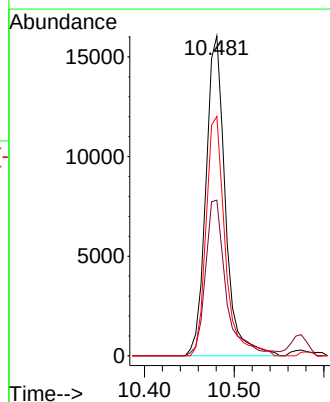
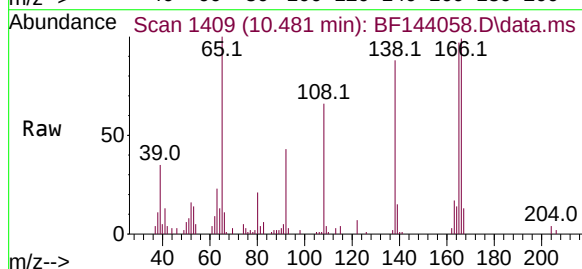
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

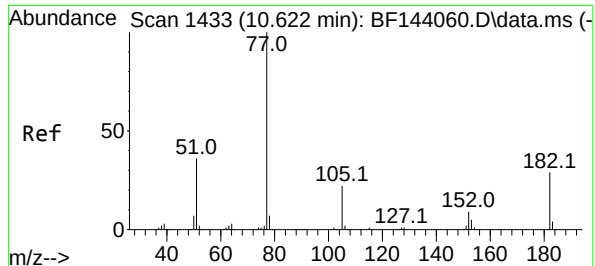
Tgt Ion:204 Resp: 60704
Ion Ratio Lower Upper
204 100
206 33.2 27.8 41.6
141 54.3 45.4 68.2



#62
4-Nitroaniline
Concen: 9.752 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:138 Resp: 24222
Ion Ratio Lower Upper
138 100
92 48.7 30.5 70.5
108 74.9 56.2 96.2

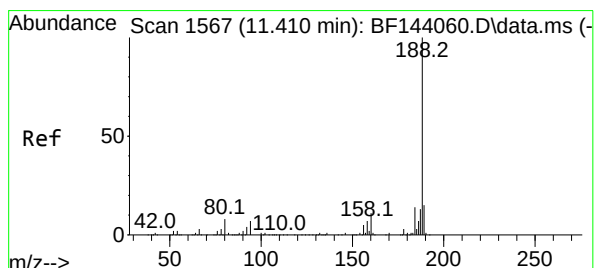
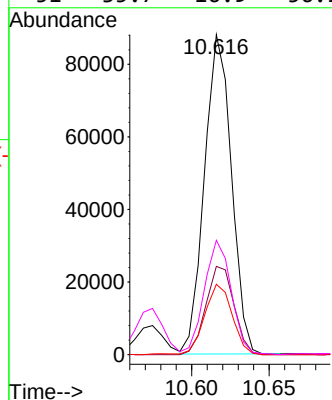
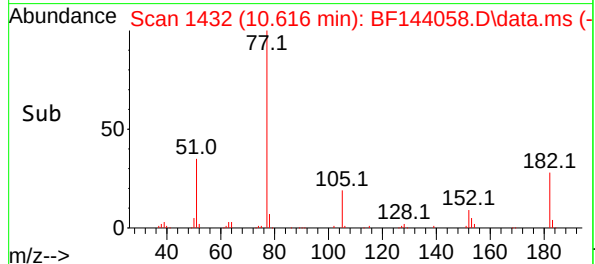
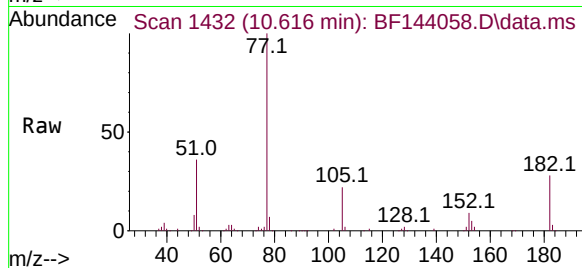




#63
Azobenzene
Concen: 10.095 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

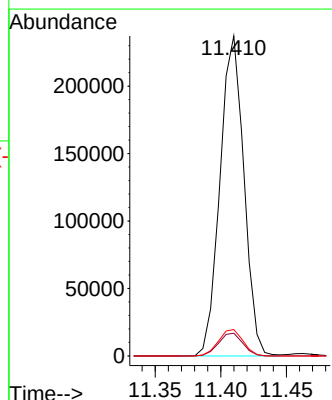
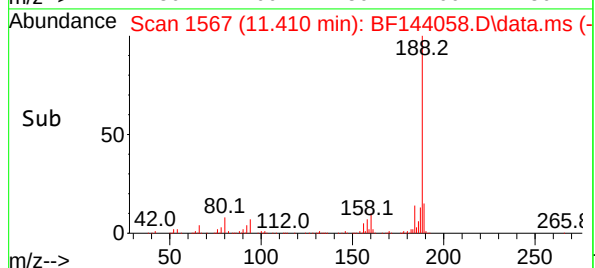
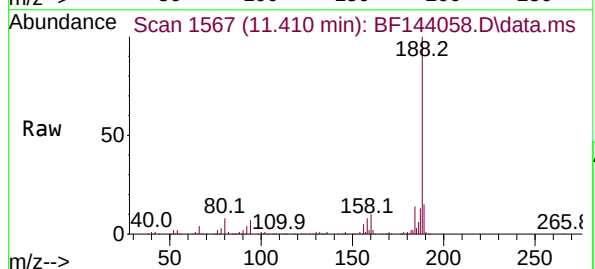
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

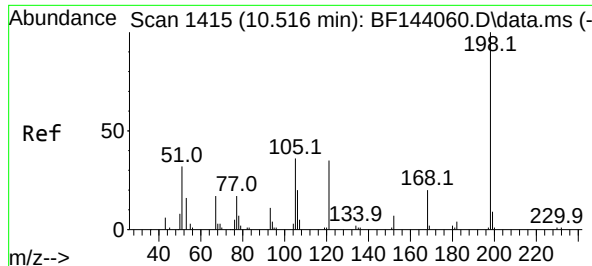
Tgt Ion: 77 Resp: 107163
Ion Ratio Lower Upper
77 100
182 27.6 9.0 49.0
105 22.0 1.4 41.4
51 35.7 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion: 188 Resp: 301308
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 8.2 6.0 9.0

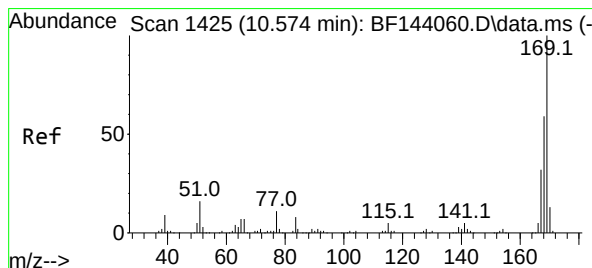
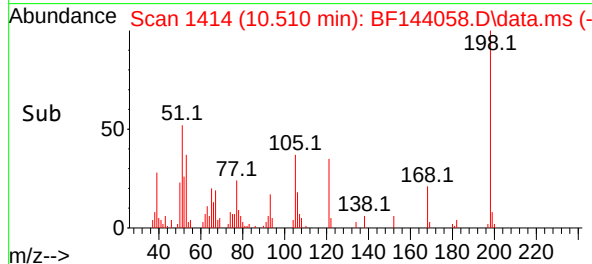
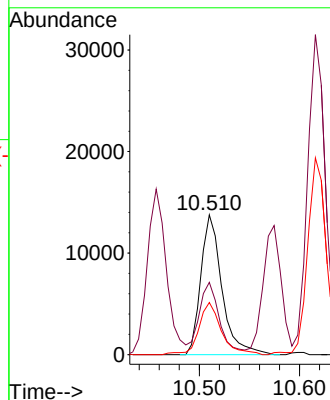
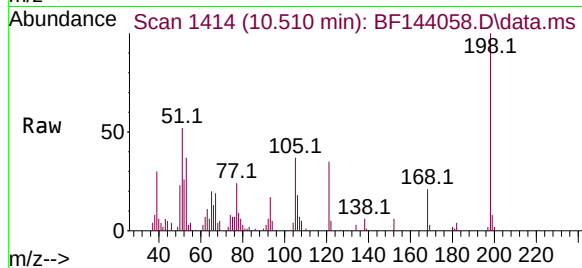




#65
4,6-Dinitro-2-methylphenol
Concen: 10.394 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

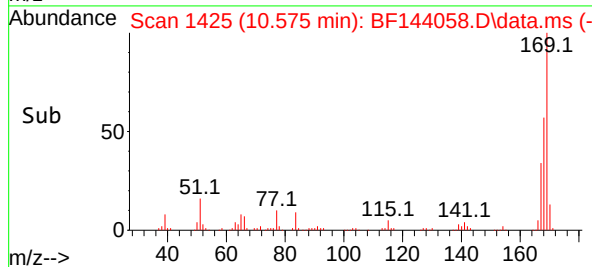
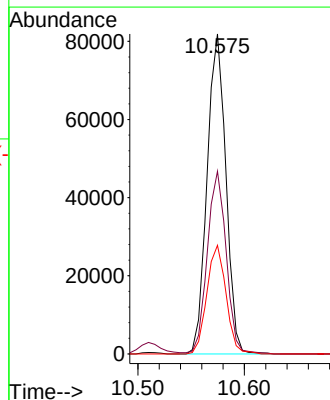
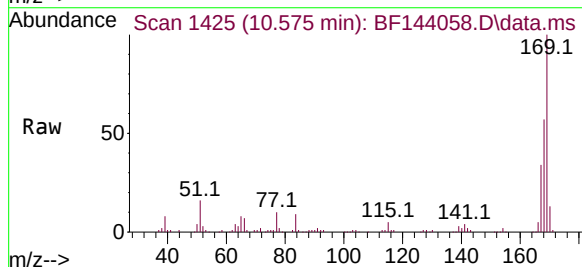
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

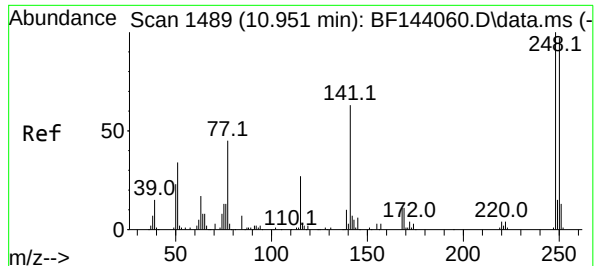
Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.6	25.8	65.8
105	37.3	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 10.422 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.1	47.4	71.2
167	33.9	25.5	38.3

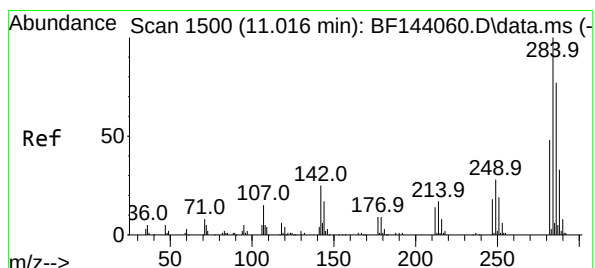
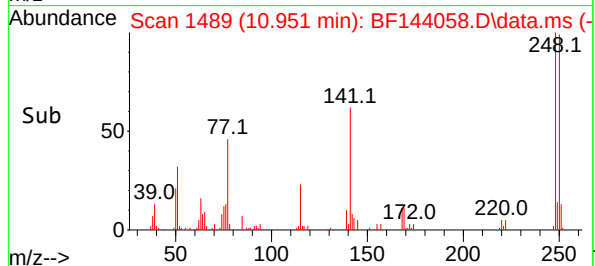
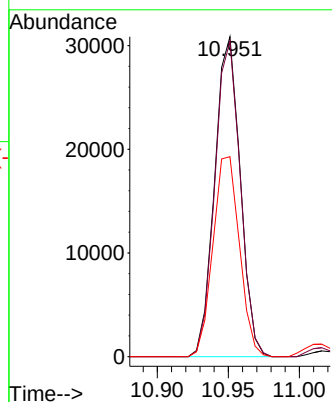
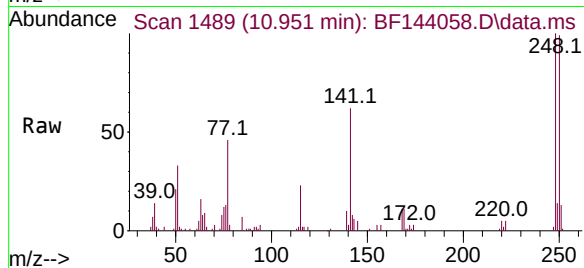




#67
4-Bromophenyl-phenylether
Concen: 10.242 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

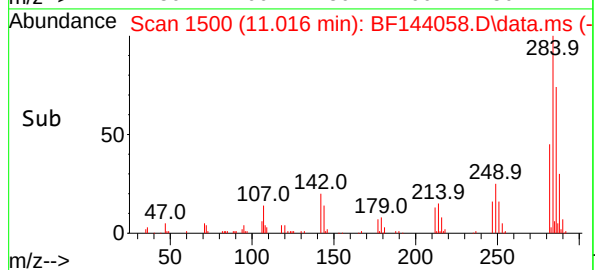
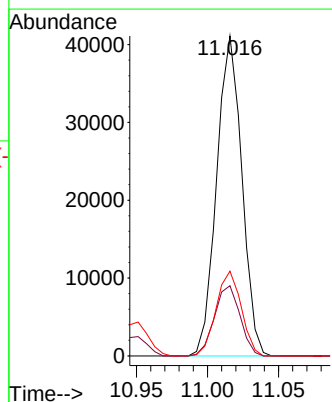
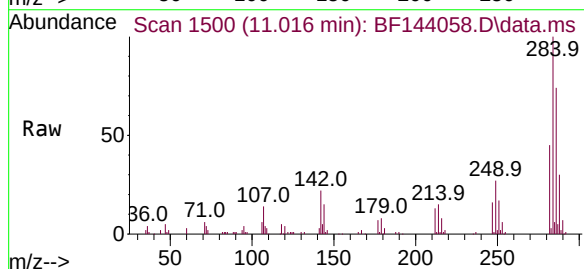
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

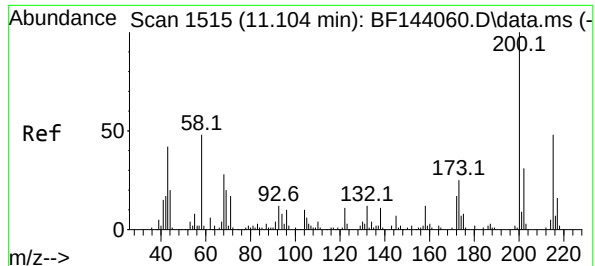
Tgt Ion:248 Resp: 38639
Ion Ratio Lower Upper
248 100
250 98.5 77.8 116.6
141 62.5 50.5 75.7



#68
Hexachlorobenzene
Concen: 10.990 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:284 Resp: 50850
Ion Ratio Lower Upper
284 100
142 22.0 20.0 30.0
249 26.5 22.2 33.2





#69

Atrazine

Concen: 10.638 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

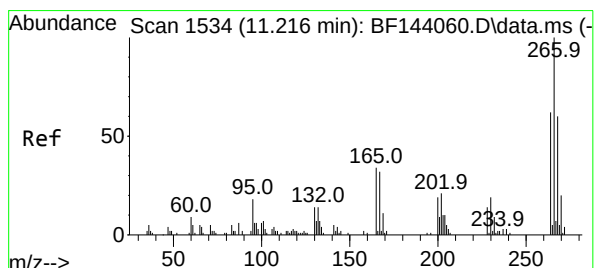
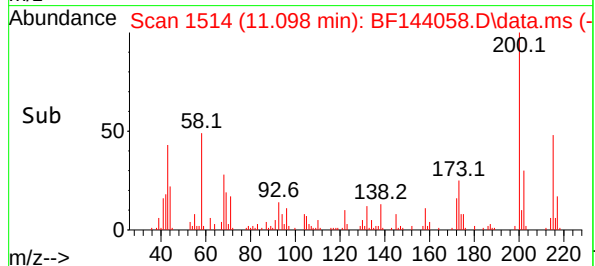
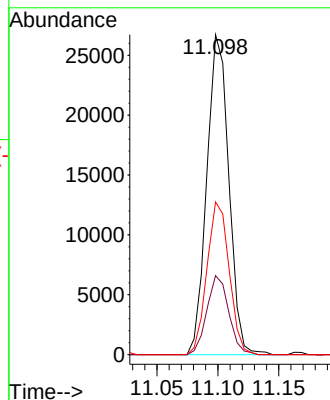
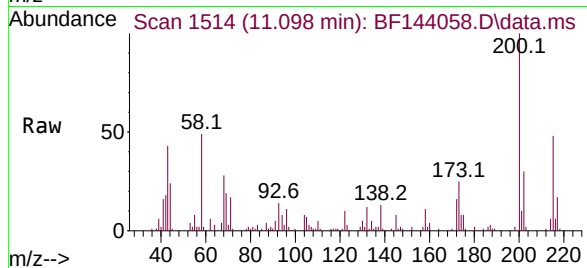
Tgt Ion:200 Resp: 33605

Ion Ratio Lower Upper

200 100

173 24.7 4.9 44.9

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 8.386 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

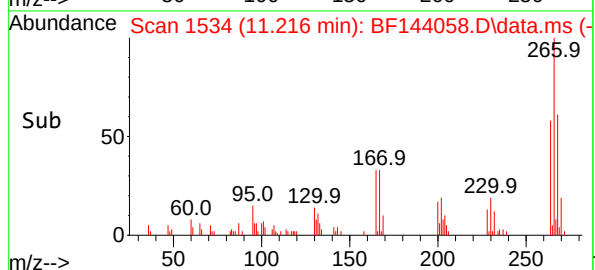
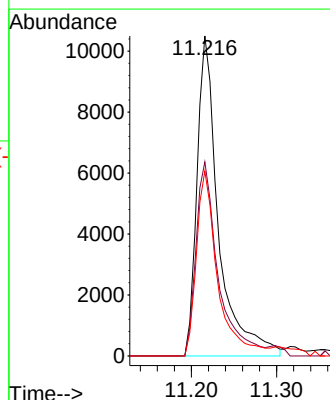
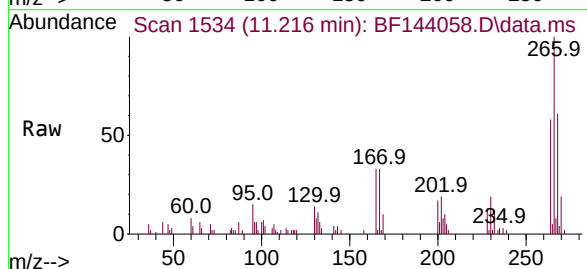
Tgt Ion:266 Resp: 18468

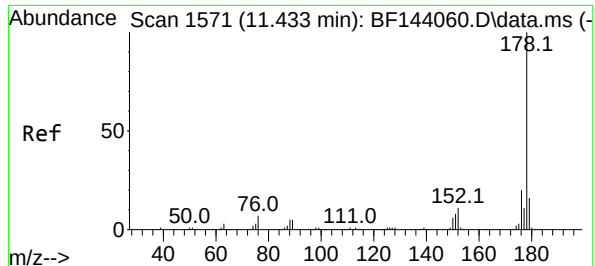
Ion Ratio Lower Upper

266 100

268 60.6 48.2 72.4

264 57.7 49.4 74.0

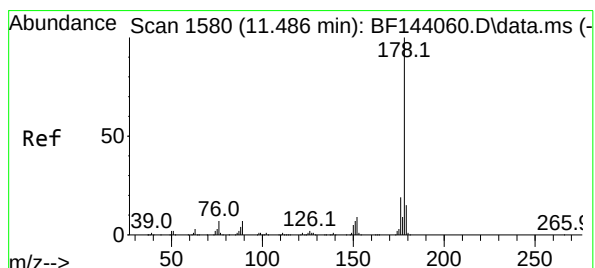
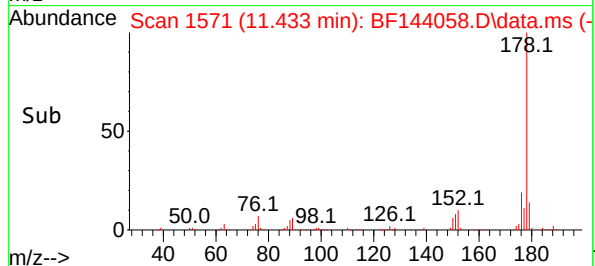
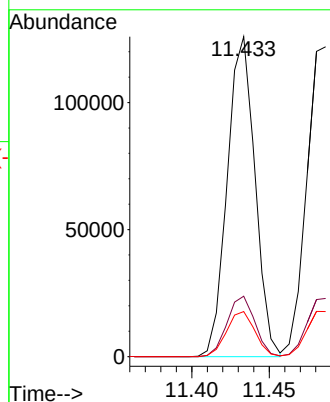
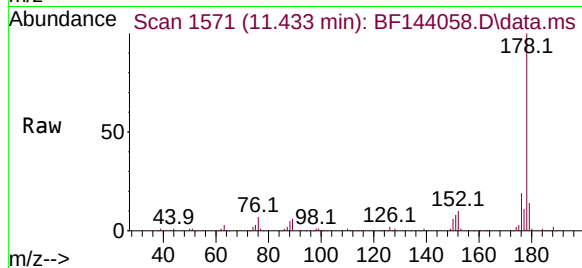




#71
Phenanthrene
Concen: 10.467 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

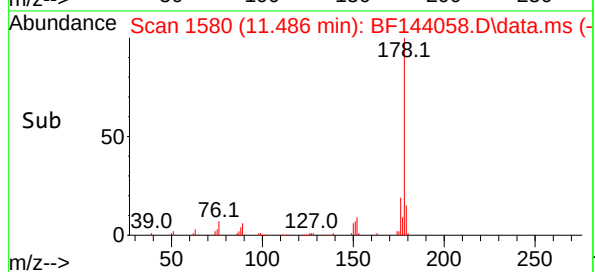
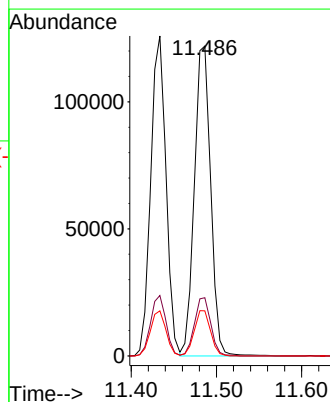
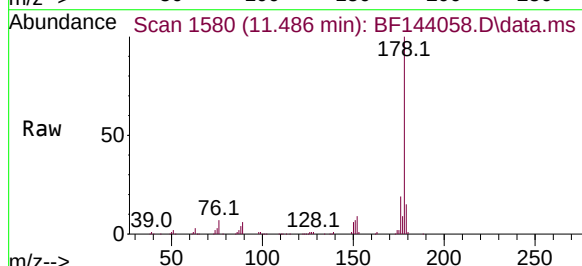
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

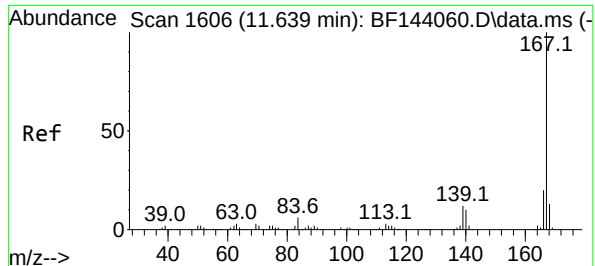
Tgt Ion:178 Resp: 156663
Ion Ratio Lower Upper
178 100
176 18.9 16.3 24.5
179 14.1 12.6 18.8



#72
Anthracene
Concen: 10.491 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

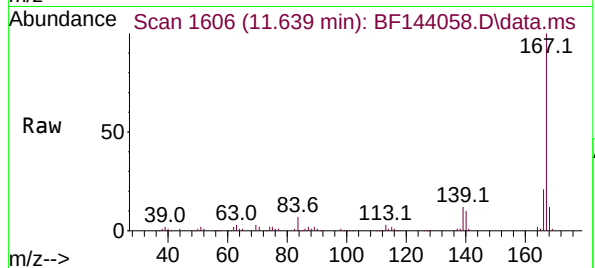
Tgt Ion:178 Resp: 162203
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 14.5 11.8 17.6



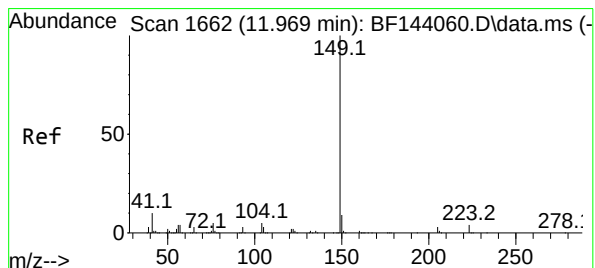
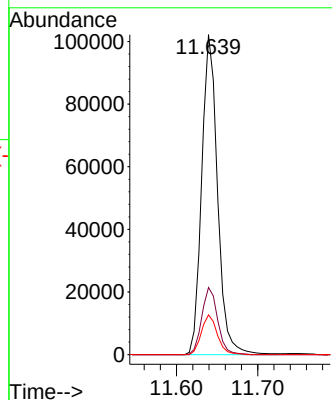
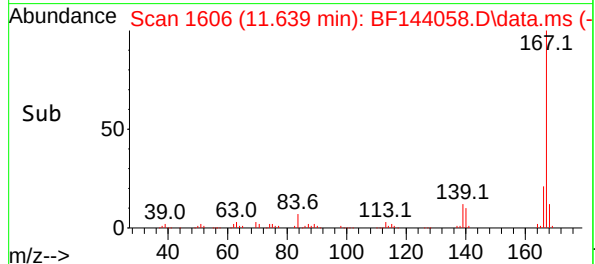


#73
Carbazole
Concen: 10.534 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

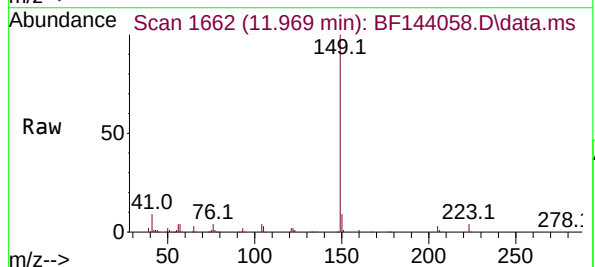
Instrument :
BNA_F
ClientSampleId :
SSTDICC010



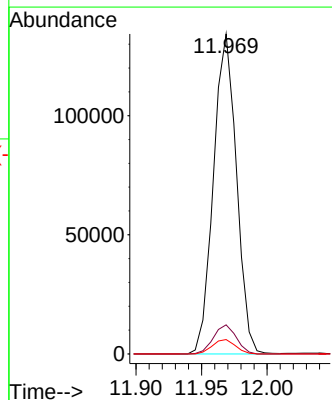
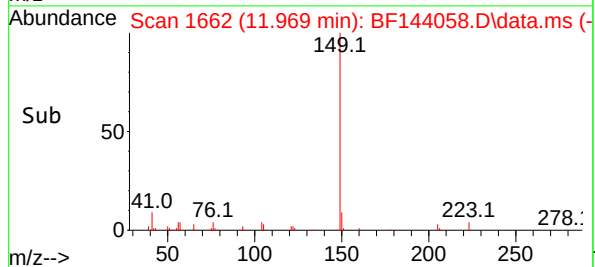
Tgt Ion:167 Resp: 138634
Ion Ratio Lower Upper
167 100
166 21.0 16.1 24.1
139 12.4 9.8 14.6

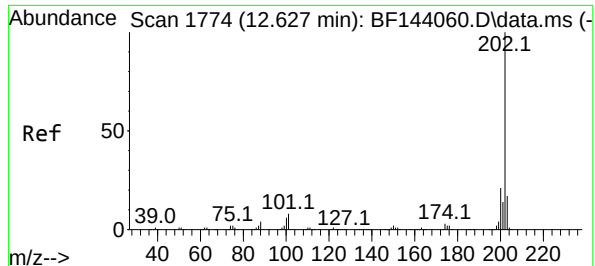


#74
Di-n-butylphthalate
Concen: 10.183 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39



Tgt Ion:149 Resp: 164302
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4

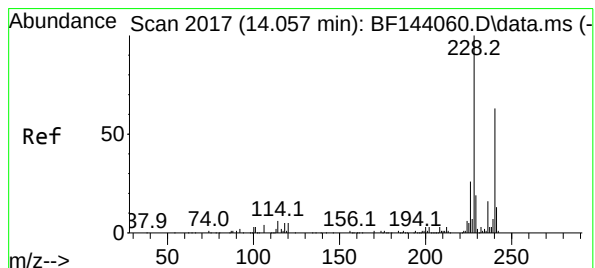
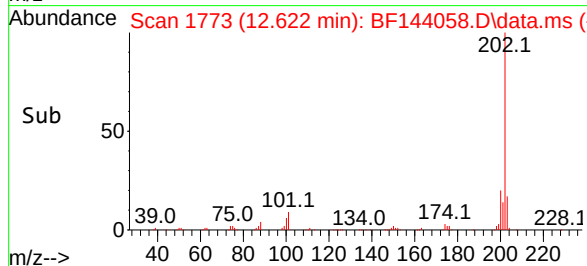
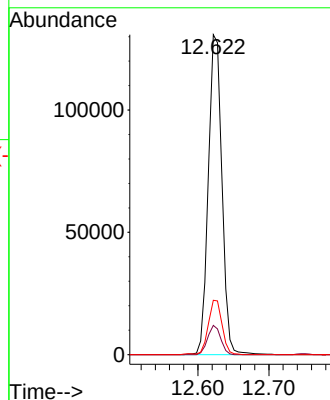
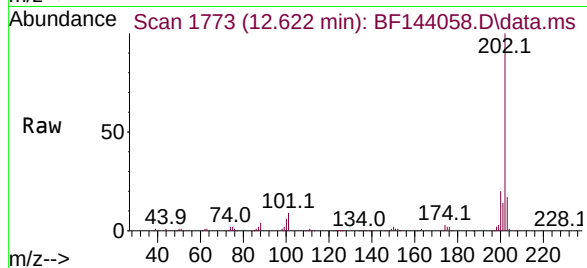




#75
Fluoranthene
Concen: 10.486 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

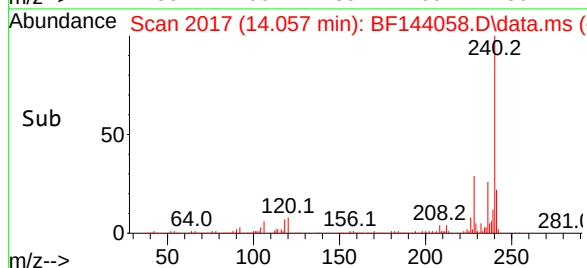
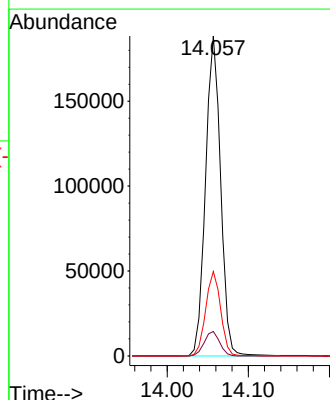
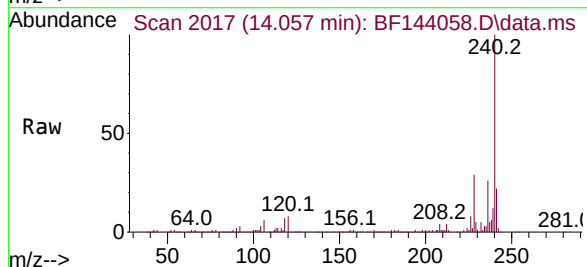
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

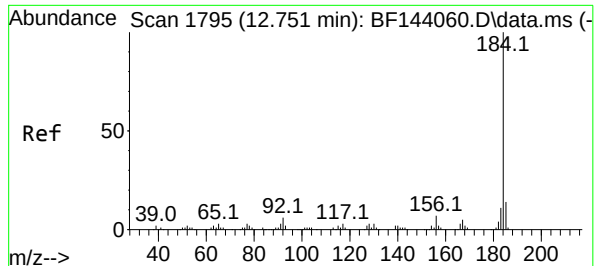
Tgt Ion:202 Resp: 173397
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.7
203 17.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:240 Resp: 243705
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 26.4 20.1 30.1





#77

Benzidine

Concen: 11.068 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

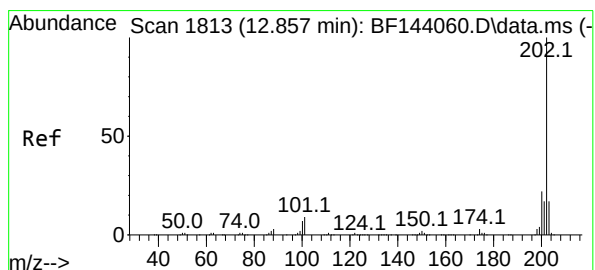
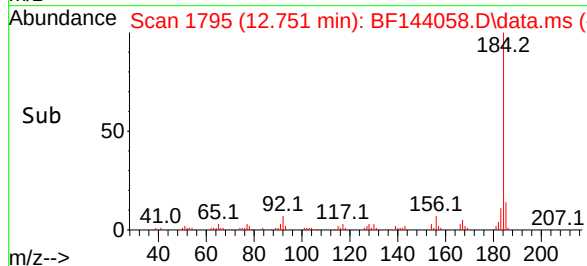
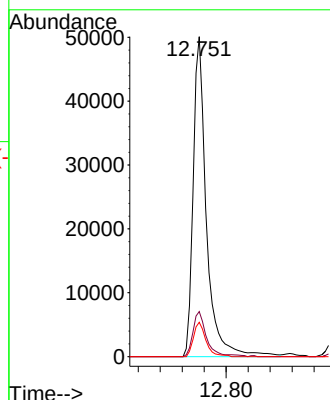
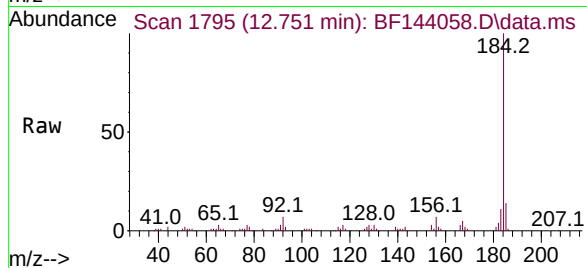
Tgt Ion:184 Resp: 83945

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 10.7 8.5 12.7



#78

Pyrene

Concen: 10.196 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

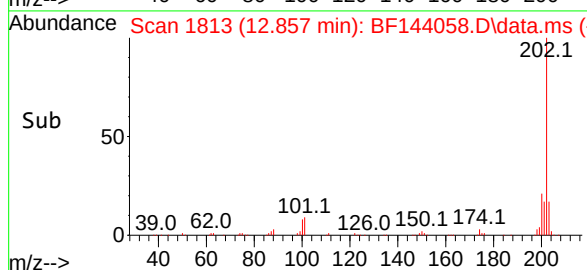
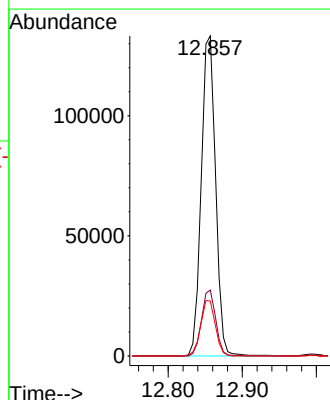
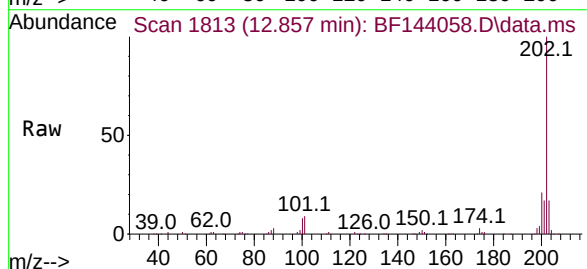
Tgt Ion:202 Resp: 178638

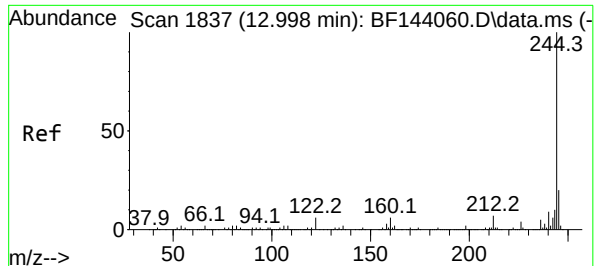
Ion Ratio Lower Upper

202 100

200 20.6 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 19.833 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

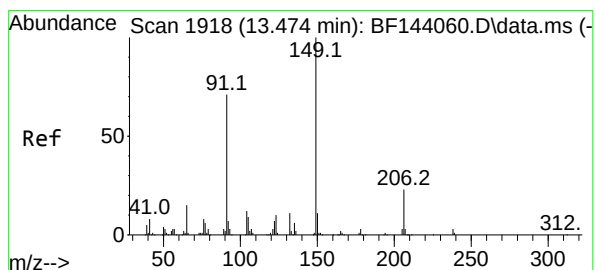
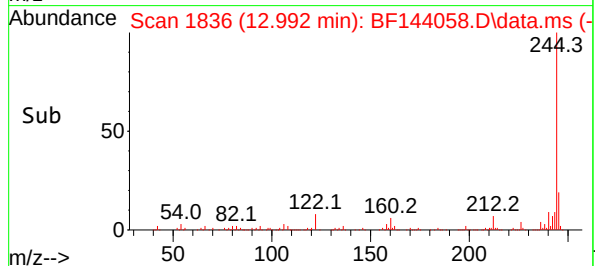
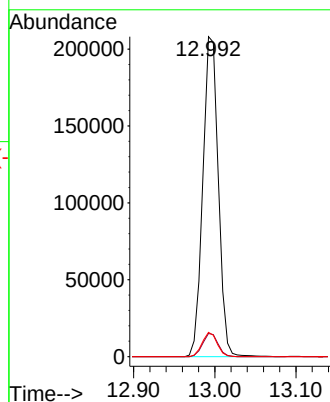
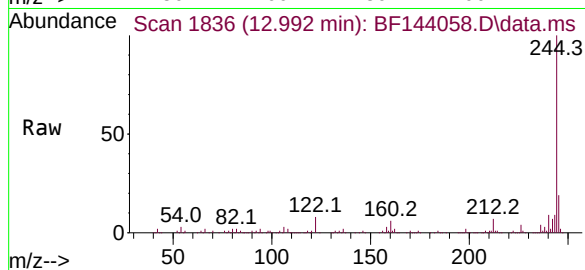
Tgt Ion:244 Resp: 276477

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 7.6 4.9 7.3#



#80

Butylbenzylphthalate

Concen: 9.964 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

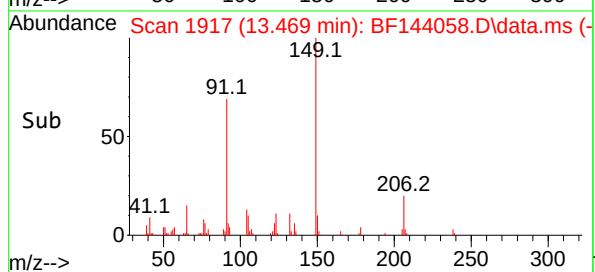
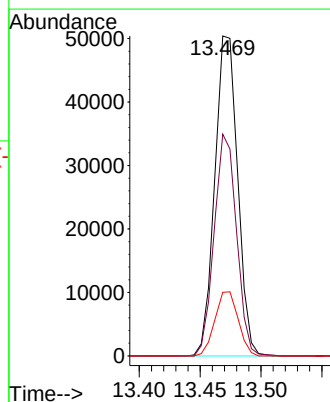
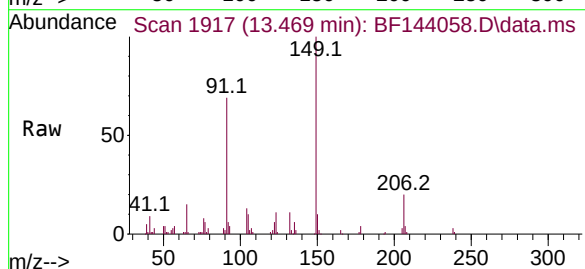
Tgt Ion:149 Resp: 66048

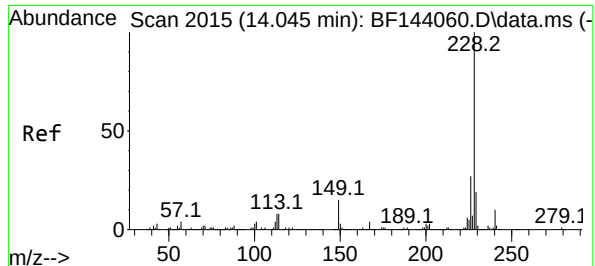
Ion Ratio Lower Upper

149 100

91 69.3 56.6 84.8

206 19.9 18.3 27.5

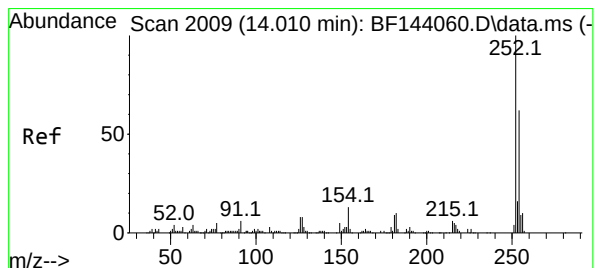
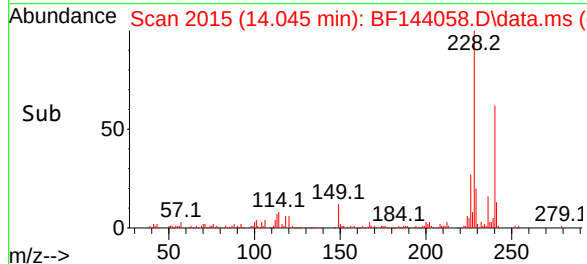
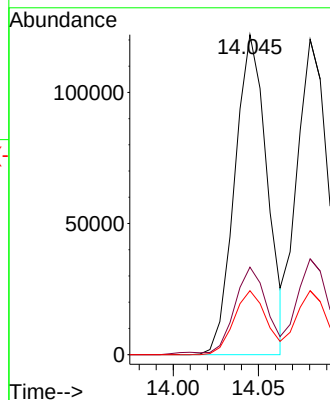
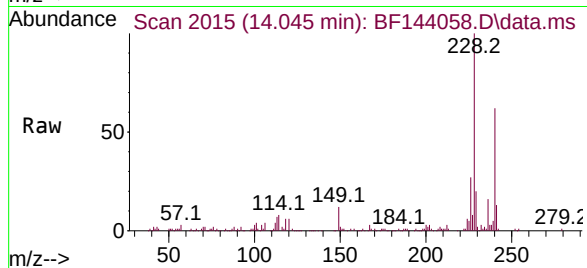




#81
Benzo(a)anthracene
Concen: 9.778 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

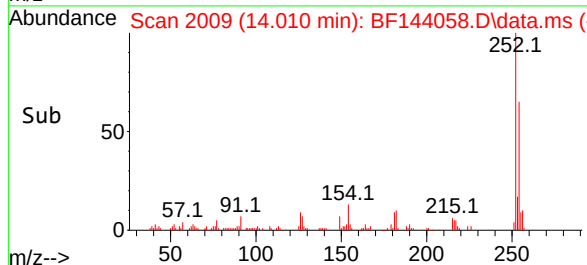
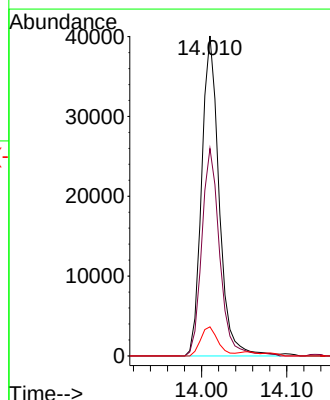
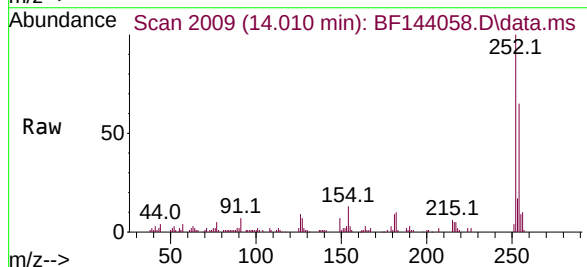
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

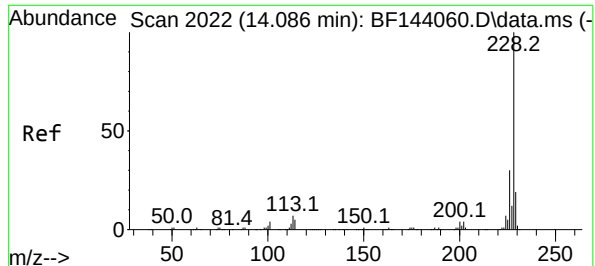
Tgt Ion:228 Resp: 161042
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 20.0 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 9.963 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:252 Resp: 57120
Ion Ratio Lower Upper
252 100
254 64.8 49.9 74.9
126 9.1 6.5 9.7





#83

Chrysene

Concen: 9.954 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

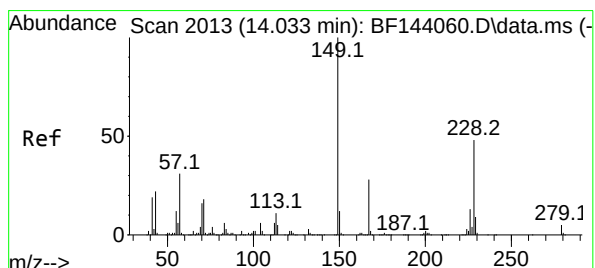
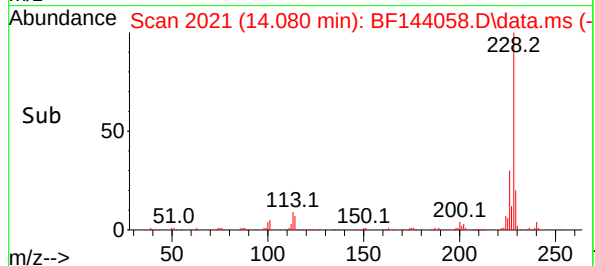
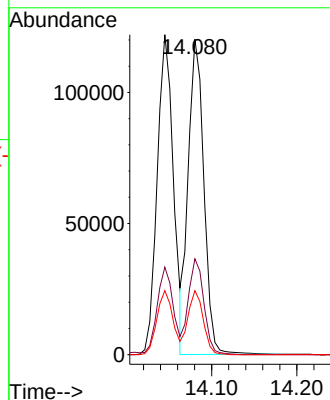
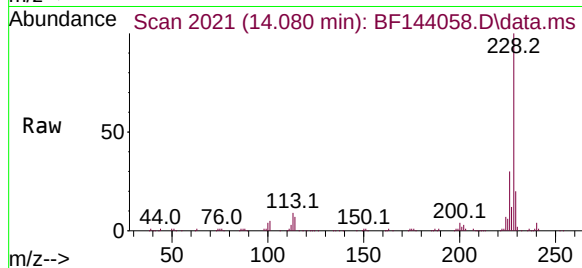
Tgt Ion:228 Resp: 153845

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 20.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.765 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

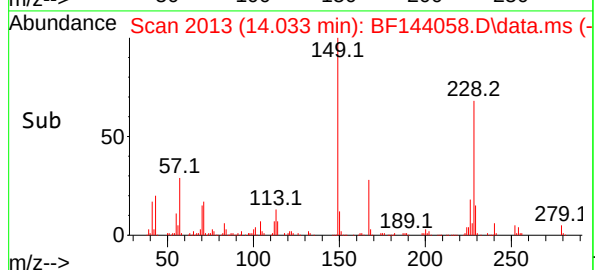
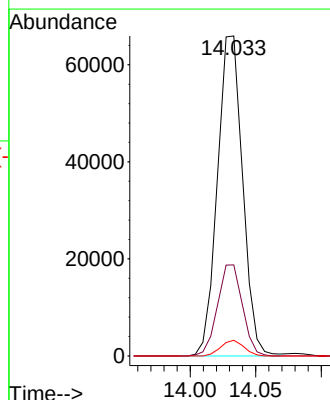
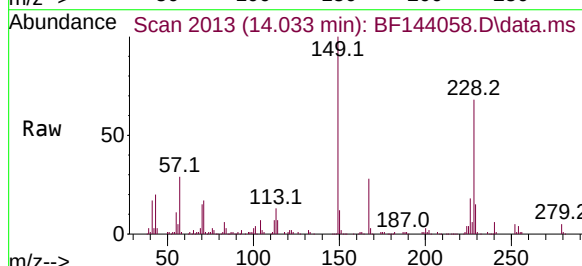
Tgt Ion:149 Resp: 88365

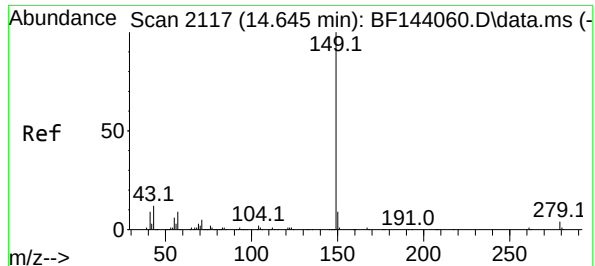
Ion Ratio Lower Upper

149 100

167 28.5 22.5 33.7

279 4.9 3.6 5.4

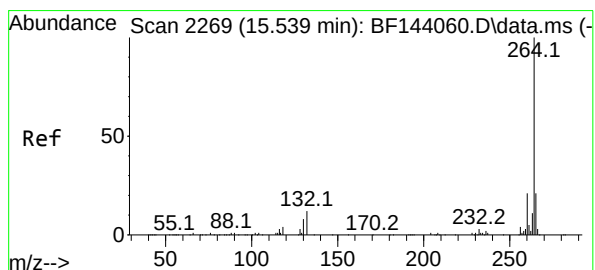
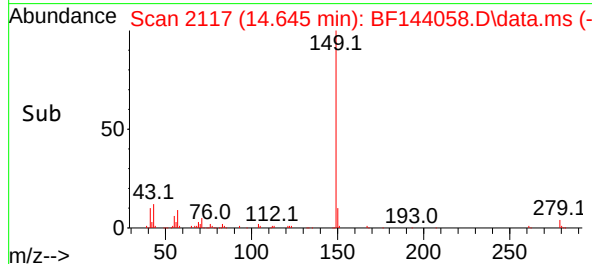
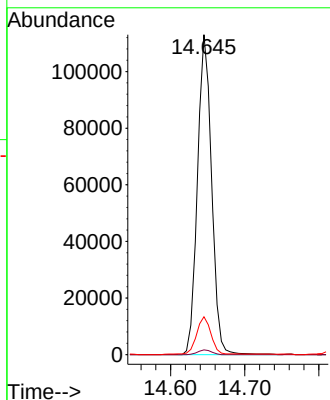
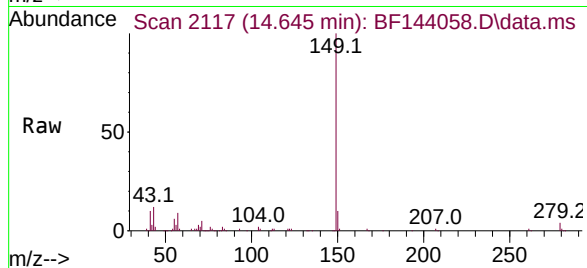




#85
Di-n-octyl phthalate
Concen: 9.616 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

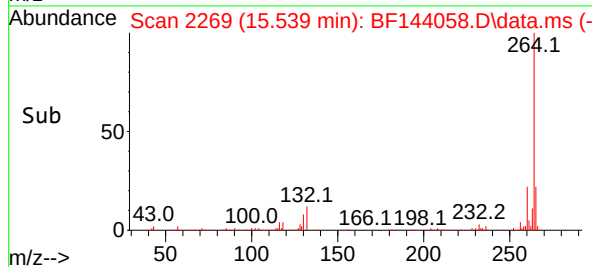
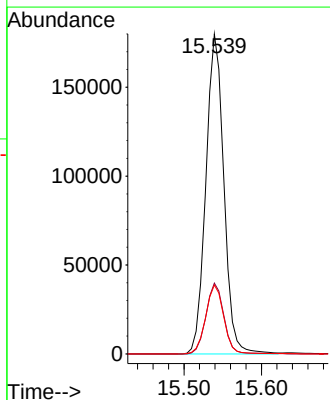
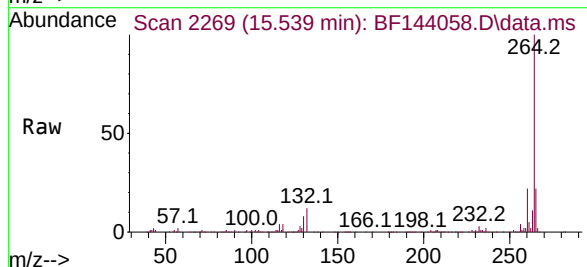
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

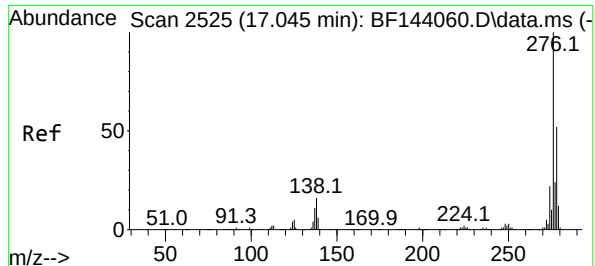
Tgt Ion:149 Resp: 149635
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 12.8 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:264 Resp: 290045
Ion Ratio Lower Upper
264 100
260 22.1 17.0 25.4
265 21.5 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.695 ng

RT: 17.039 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

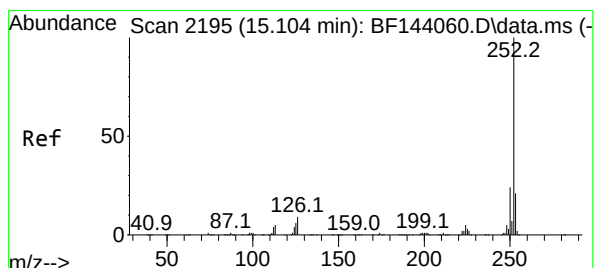
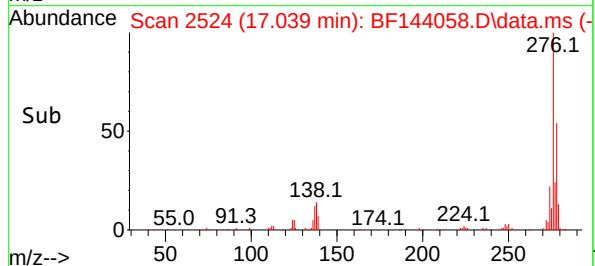
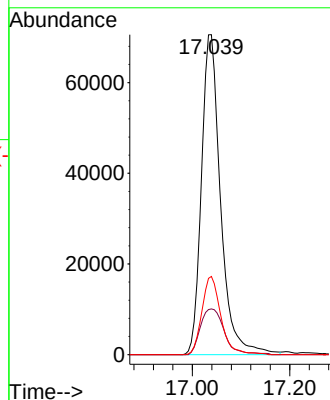
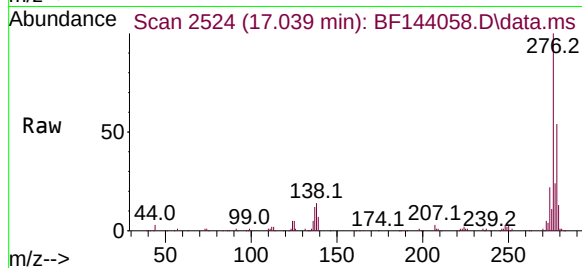
Tgt Ion:276 Resp: 193064

Ion Ratio Lower Upper

276 100

138 17.8 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 9.803 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

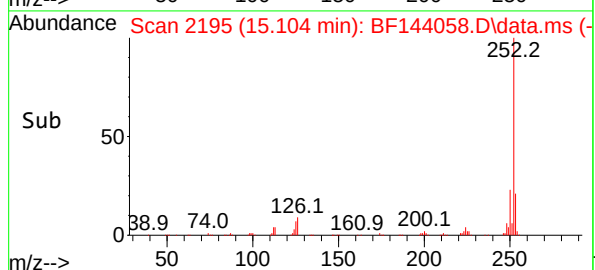
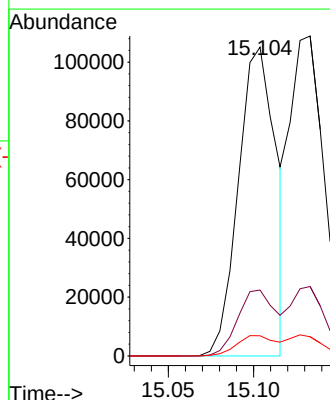
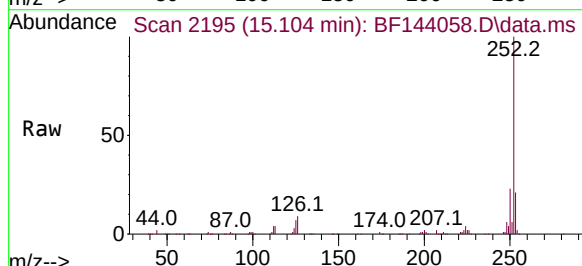
Tgt Ion:252 Resp: 160748

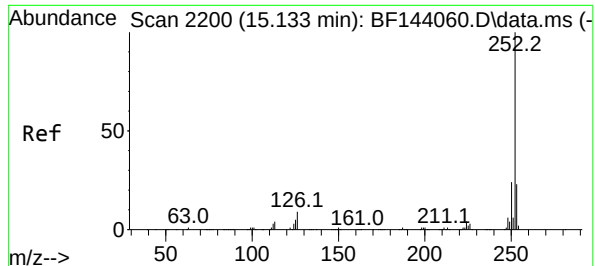
Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 6.5 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 10.320 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

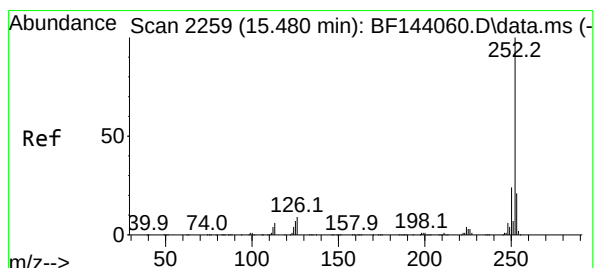
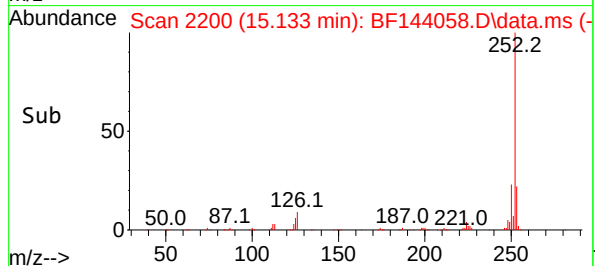
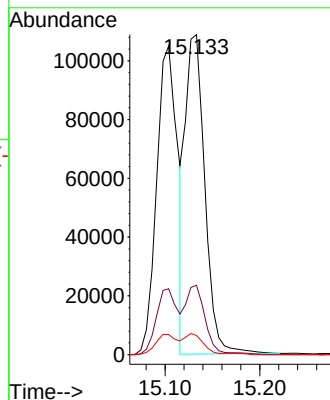
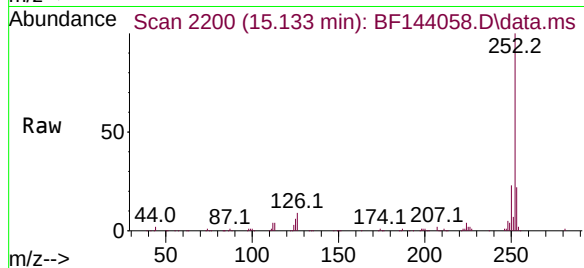
Tgt Ion:252 Resp: 156128

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.0 4.9 7.3



#90

Benzo(a)pyrene

Concen: 9.757 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144058.D

Acq: 24 Oct 2025 11:39

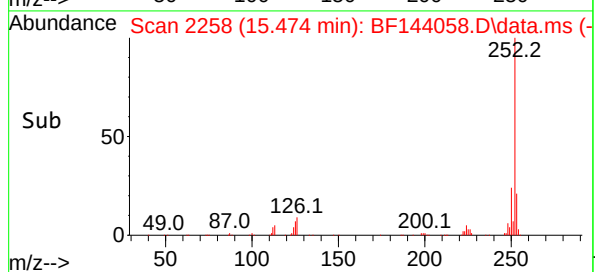
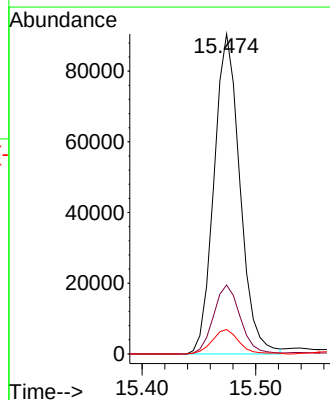
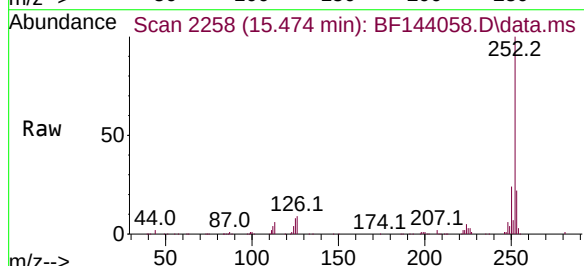
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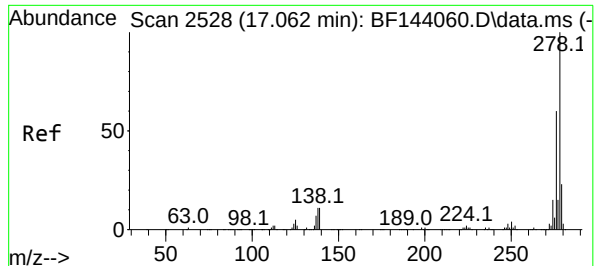
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

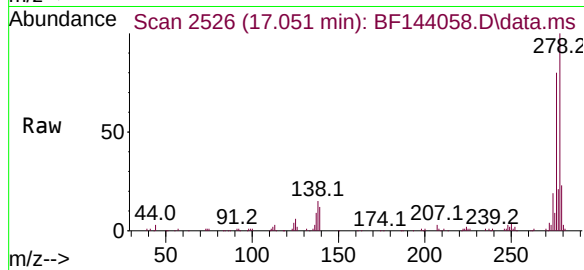
125 7.6 5.4 8.2



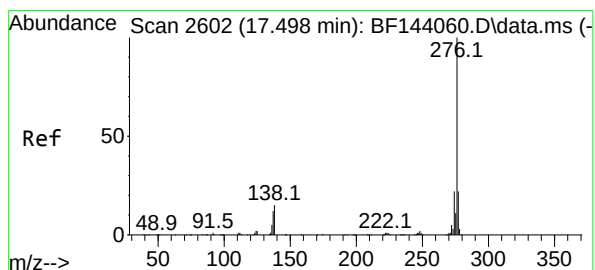
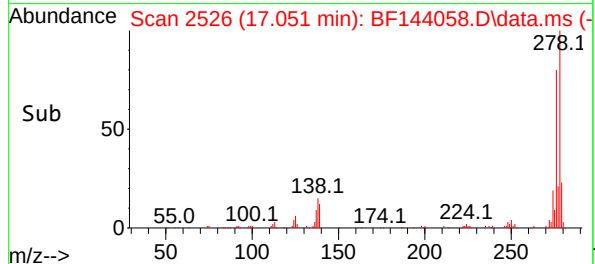
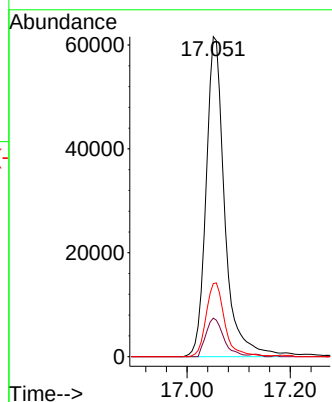


#91
Dibenzo(a,h)anthracene
Concen: 9.766 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

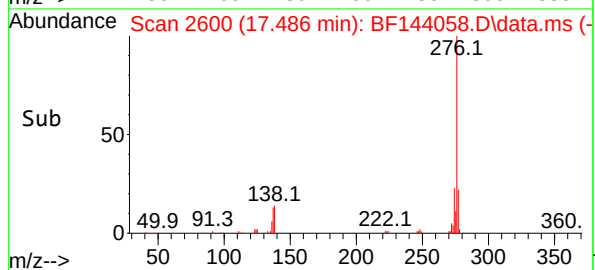
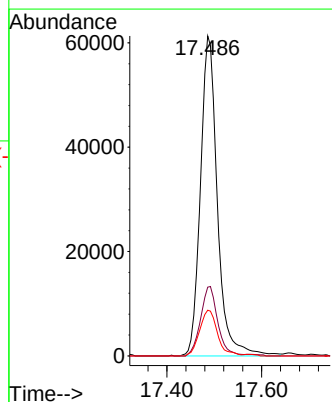
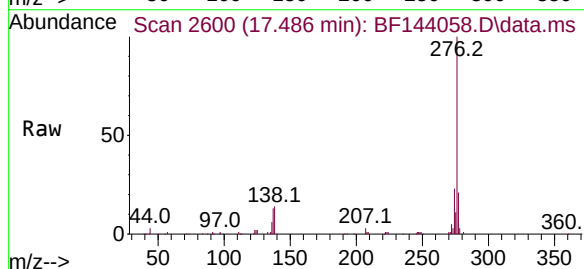


Tgt Ion:278 Resp: 153941
Ion Ratio Lower Upper
278 100
139 12.0 8.5 12.7
279 22.8 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 9.614 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.012 min
Lab File: BF144058.D
Acq: 24 Oct 2025 11:39

Tgt Ion:276 Resp: 152368
Ion Ratio Lower Upper
276 100
277 21.5 17.9 26.9
138 14.3 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144059.D
 Acq On : 24 Oct 2025 12:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Oct 24 17:02:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	112429	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	417749	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	217706	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	369584	20.000	ng	0.00
76) Chrysene-d12	14.063	240	292368	20.000	ng	0.00
86) Perylene-d12	15.545	264	364339	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	298616	42.021	ng	0.00
7) Phenol-d6	6.504	99	332945	42.423	ng	0.00
23) Nitrobenzene-d5	7.445	82	312746	41.016	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	111292	40.132	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	614559	39.724	ng	0.00
79) Terphenyl-d14	12.998	244	655393	39.189	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	54561	17.768	ng	96
3) Pyridine	3.398	79	172002	20.922	ng	97
4) n-Nitrosodimethylamine	3.351	42	108274	21.434	ng	98
6) Aniline	6.545	93	236820	21.092	ng	99
8) 2-Chlorophenol	6.663	128	146877	20.988	ng	100
9) Benzaldehyde	6.434	77	108472	17.802	ng	99
10) Phenol	6.522	94	204649	21.136	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	144490	20.652	ng	99
12) 1,3-Dichlorobenzene	6.822	146	184376	21.358	ng	99
13) 1,4-Dichlorobenzene	6.898	146	178962	21.035	ng	99
14) 1,2-Dichlorobenzene	7.051	146	172463	20.951	ng	100
15) Benzyl Alcohol	7.022	79	138784	21.748	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	281645	21.419	ng	99
17) 2-Methylphenol	7.128	107	115994	21.550	ng	94
18) Hexachloroethane	7.392	117	63937	21.020	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	106671	21.019	ng	97
20) 3+4-Methylphenols	7.281	107	133833	21.033	ng	95
22) Acetophenone	7.286	105	181010	20.050	ng	97
24) Nitrobenzene	7.463	77	168641	20.907	ng	99
25) Isophorone	7.698	82	269356	20.206	ng	98
26) 2-Nitrophenol	7.781	139	81754	21.306	ng	97
27) 2,4-Dimethylphenol	7.810	122	109494	19.202	ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	172327	20.729	ng	99
29) 2,4-Dichlorophenol	8.016	162	135856	20.487	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	139458	20.442	ng	99
31) Naphthalene	8.186	128	401788	20.378	ng	99
32) Benzoic acid	7.928	122	83503	23.086	ng	87
33) 4-Chloroaniline	8.233	127	145706	21.228	ng	99
34) Hexachlorobutadiene	8.298	225	114614	20.546	ng	98
35) Caprolactam	8.598	113	34241	20.591	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	119127	20.357	ng	95
37) 2-Methylnaphthalene	8.875	142	263628	20.280	ng	98
38) 1-Methylnaphthalene	8.975	142	246748	20.035	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150836	20.160	ng	99
41) Hexachlorocyclopentadiene	9.028	237	45275	19.591	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	104484	21.484	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144059.D
 Acq On : 24 Oct 2025 12:36
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Oct 24 17:02:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

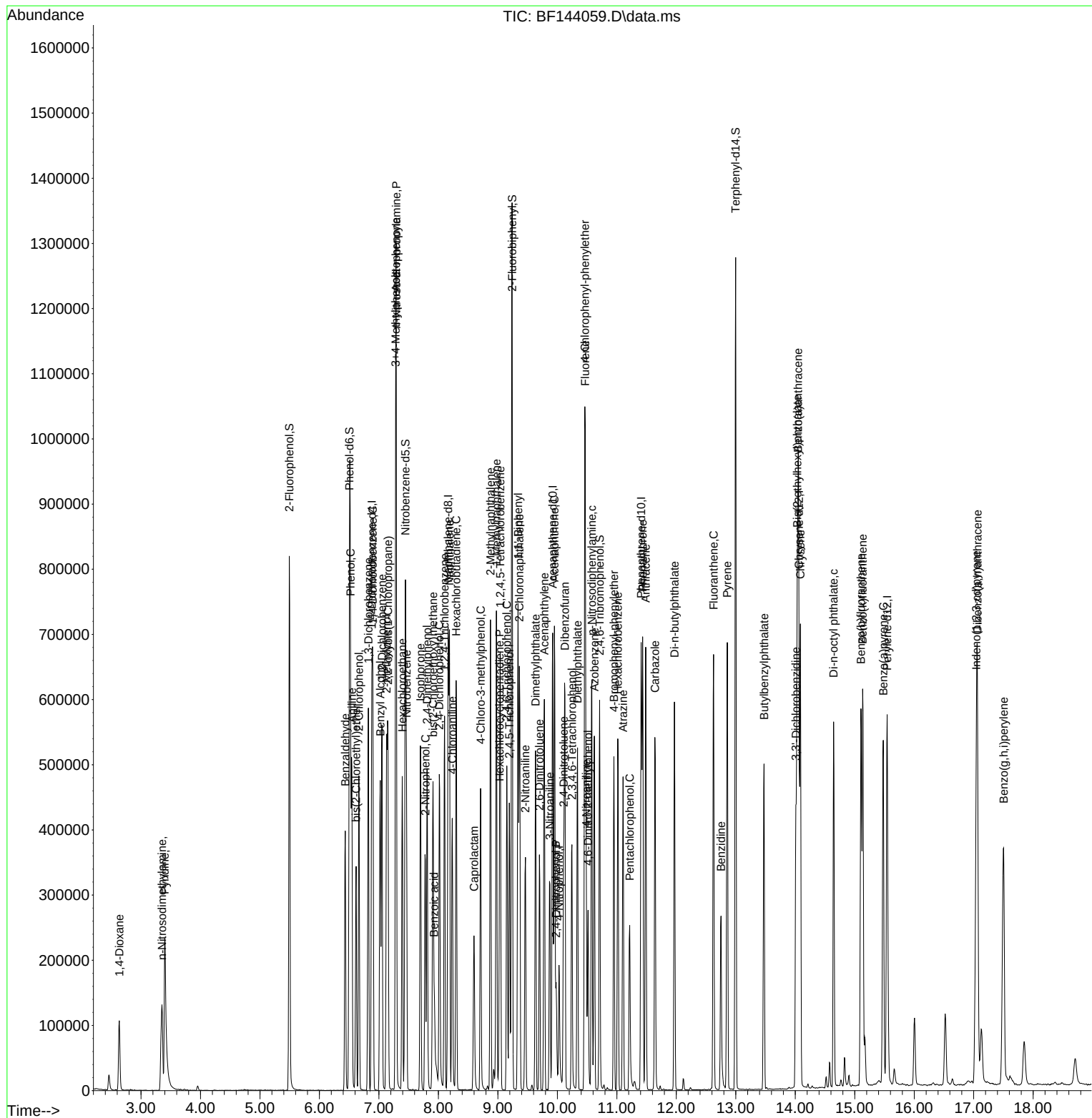
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	105424	20.655	ng	98
46) 1,1'-Biphenyl	9.339	154	313680	20.128	ng	99
47) 2-Chloronaphthalene	9.363	162	268452	20.561	ng	96
48) 2-Nitroaniline	9.463	65	80171	20.678	ng	97
49) Acenaphthylene	9.780	152	362218	20.575	ng	99
50) Dimethylphthalate	9.633	163	290025	20.324	ng	99
51) 2,6-Dinitrotoluene	9.698	165	59905	21.235	ng	100
52) Acenaphthene	9.951	154	246935	21.003	ng	99
53) 3-Nitroaniline	9.875	138	63852	20.358	ng	97
54) 2,4-Dinitrophenol	9.980	184	35229	23.089	ng	94
55) Dibenzofuran	10.127	168	329079	20.162	ng	99
56) 4-Nitrophenol	10.027	139	43333	20.402	ng	90
57) 2,4-Dinitrotoluene	10.104	165	80566	21.160	ng	96
58) Fluorene	10.469	166	246753	19.841	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	72554	20.172	ng	# 96
60) Diethylphthalate	10.339	149	270864	20.184	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	142719	20.406	ng	99
62) 4-Nitroaniline	10.486	138	59903	20.157	ng	95
63) Azobenzene	10.622	77	258435	20.346	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	55850	23.553	ng	98
66) n-Nitrosodiphenylamine	10.580	169	242811	20.563	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	91405	19.753	ng	98
68) Hexachlorobenzene	11.016	284	114304	20.141	ng	96
69) Atrazine	11.104	200	80666	20.818	ng	98
70) Pentachlorophenol	11.216	266	55240	20.449	ng	95
71) Phenanthrene	11.433	178	372967	20.315	ng	97
72) Anthracene	11.486	178	380455	20.060	ng	99
73) Carbazole	11.639	167	326491	20.225	ng	98
74) Di-n-butylphthalate	11.969	149	412471	20.841	ng	100
75) Fluoranthene	12.627	202	414382	20.430	ng	99
77) Benzidine	12.751	184	179581	19.736	ng	99
78) Pyrene	12.857	202	416839	19.831	ng	99
80) Butylbenzylphthalate	13.474	149	165613	20.827	ng	98
81) Benzo(a)anthracene	14.045	228	397414	20.114	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	141681	20.599	ng	98
83) Chrysene	14.086	228	366241	19.753	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	222446	20.491	ng	98
85) Di-n-octyl phthalate	14.645	149	378673	20.284	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	507947	20.307	ng	100
88) Benzo(b)fluoranthene	15.104	252	420103	20.396	ng	99
89) Benzo(k)fluoranthene	15.133	252	368139	19.372	ng	100
90) Benzo(a)pyrene	15.480	252	377387	20.423	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	403214	20.364	ng	98
92) Benzo(g,h,i)perylene	17.503	276	409358	20.563	ng	99

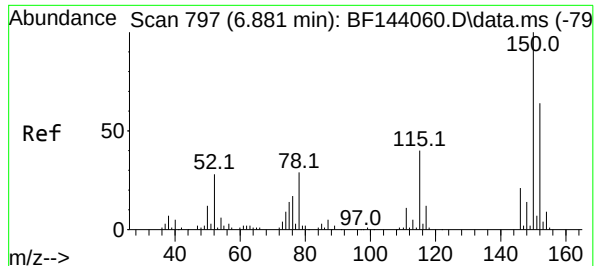
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Data File : BF144059.D  
Acq On    : 24 Oct 2025 12:36  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC020

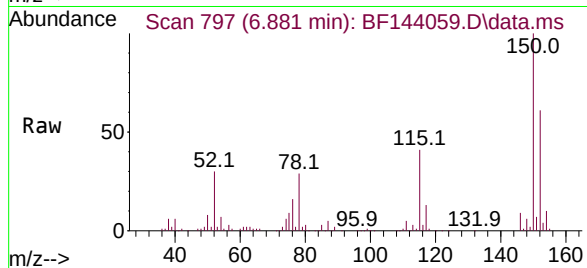
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QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration



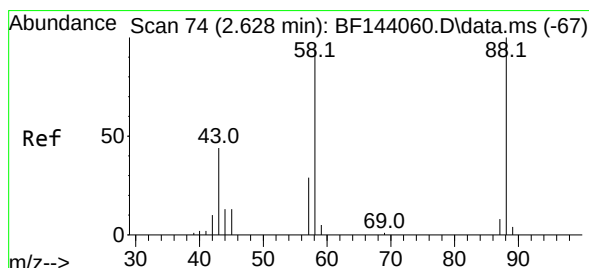
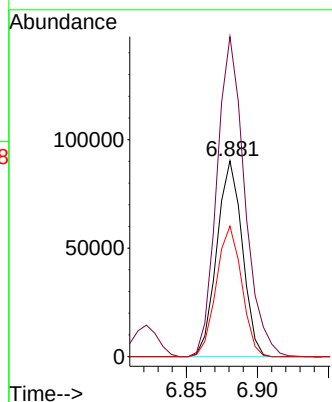
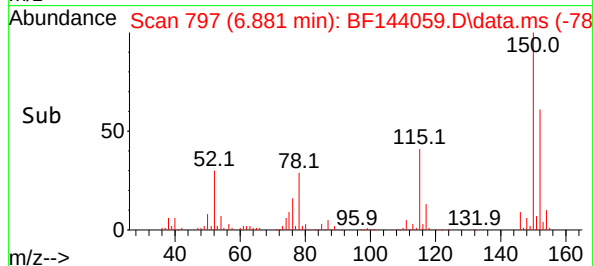


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

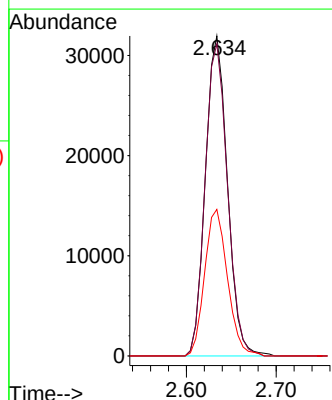
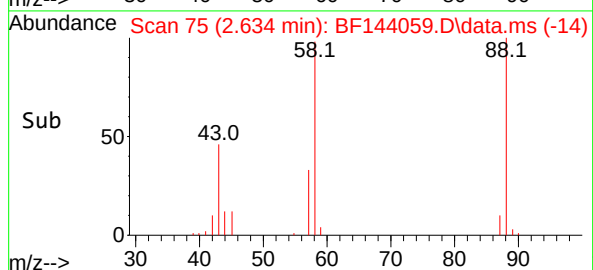
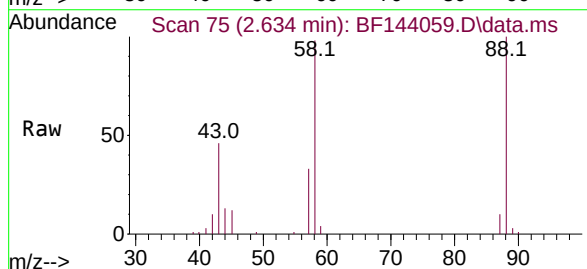


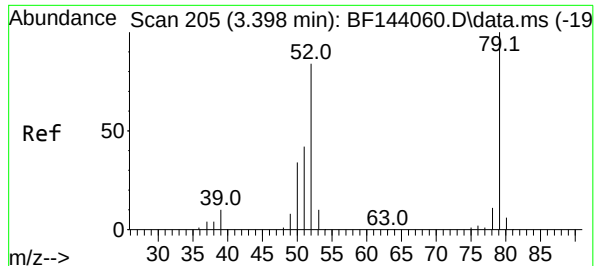
Tgt Ion:152 Resp: 112429
Ion Ratio Lower Upper
152 100
150 163.4 124.4 186.6
115 66.6 49.4 74.0



#2
1,4-Dioxane
Concen: 17.768 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 88 Resp: 54561
Ion Ratio Lower Upper
88 100
58 98.8 76.5 114.7
43 47.5 35.3 52.9

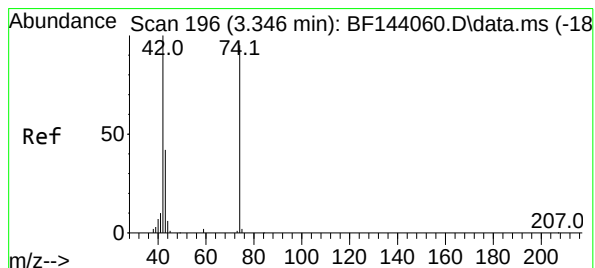
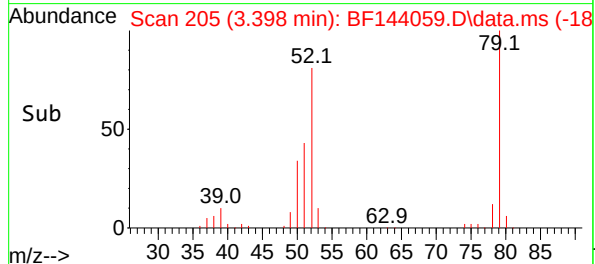
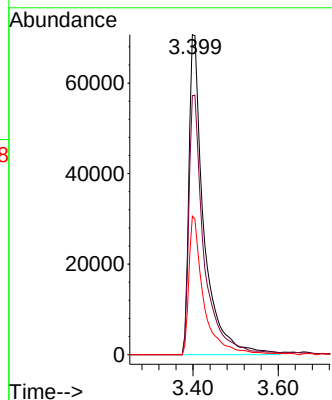
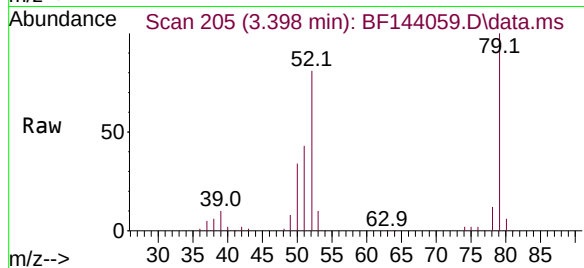




#3
Pyridine
Concen: 20.922 ng
RT: 3.398 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

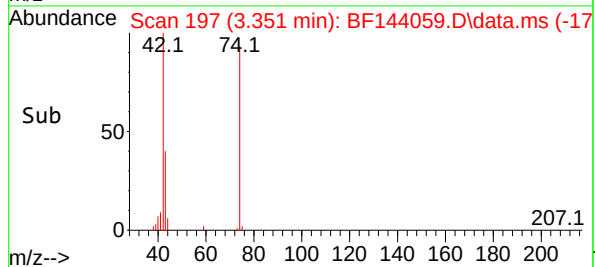
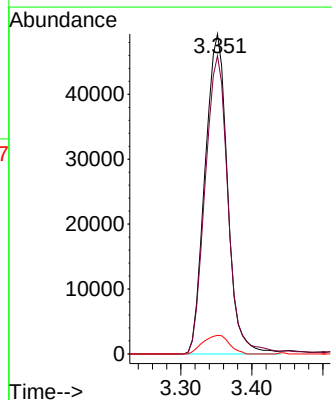
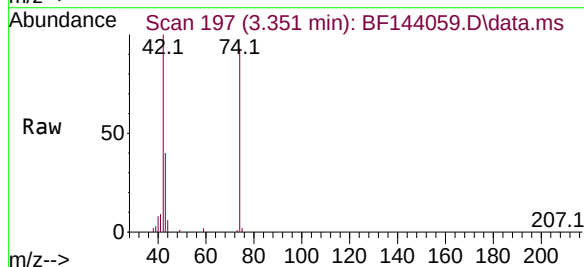
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

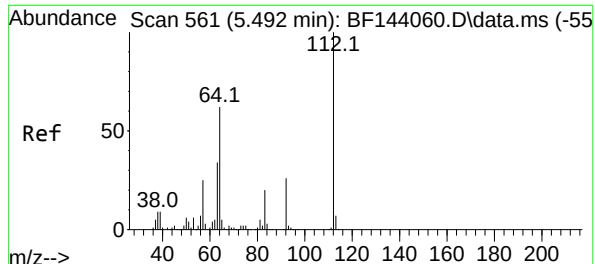
Tgt Ion: 79 Resp: 172002
Ion Ratio Lower Upper
79 100
52 80.9 67.5 101.3
51 43.3 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 21.434 ng
RT: 3.351 min Scan# 197
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 42 Resp: 108274
Ion Ratio Lower Upper
42 100
74 93.2 76.4 114.6
44 5.8 5.2 7.8

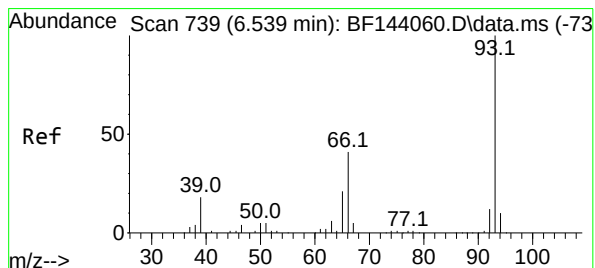
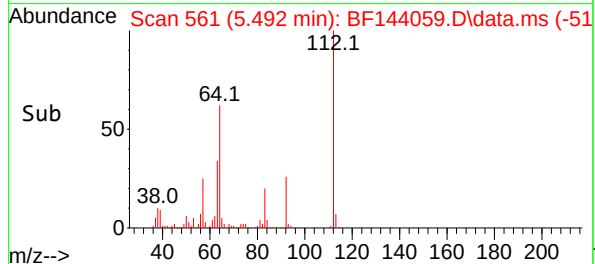
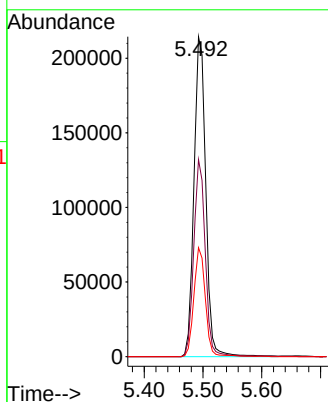
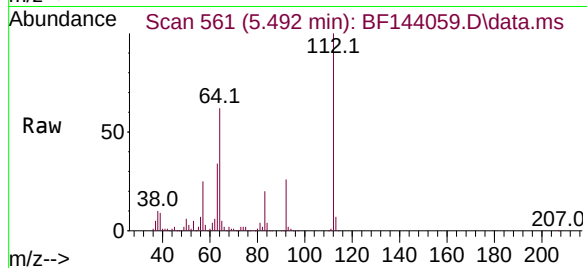




#5
2-Fluorophenol
Concen: 42.021 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

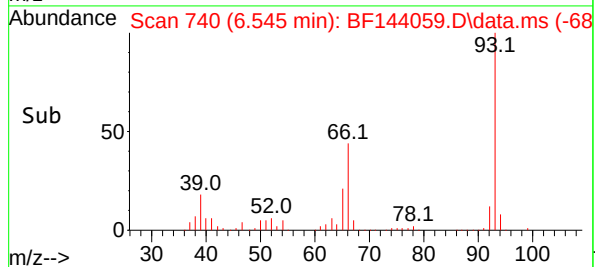
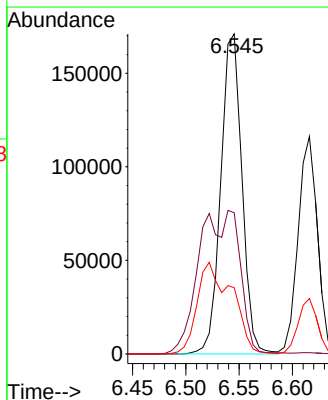
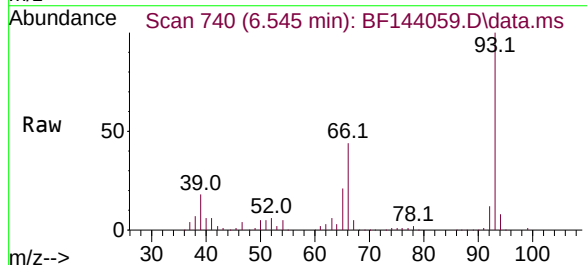
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ClientSampleId :
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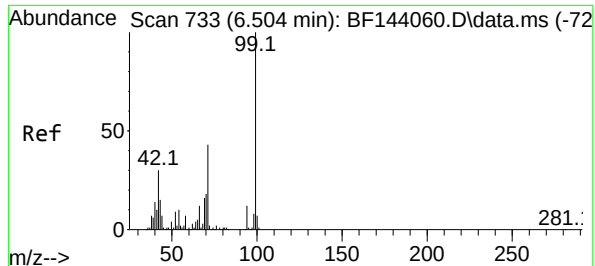
Tgt Ion:112 Resp: 298616
Ion Ratio Lower Upper
112 100
64 61.6 49.8 74.8
63 34.0 27.4 41.2



#6
Aniline
Concen: 21.092 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 93 Resp: 236820
Ion Ratio Lower Upper
93 100
66 44.1 35.7 53.5
65 20.7 17.0 25.6

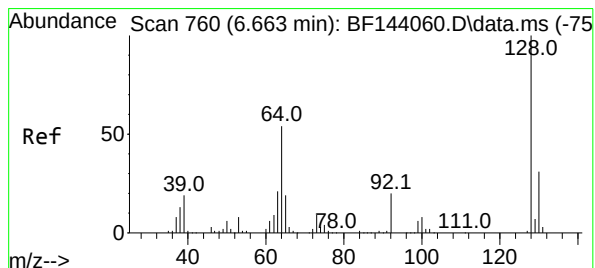
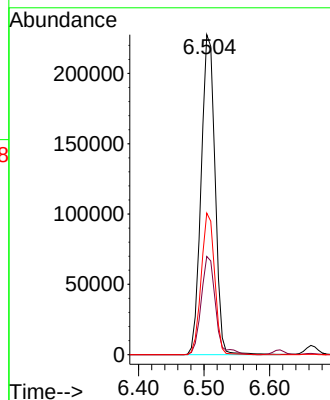
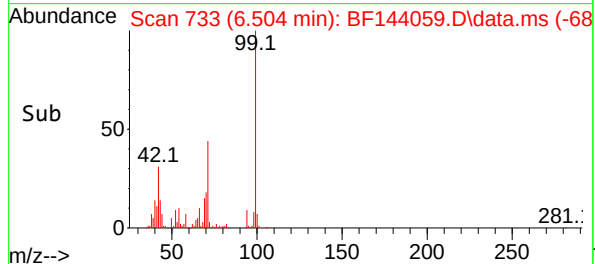
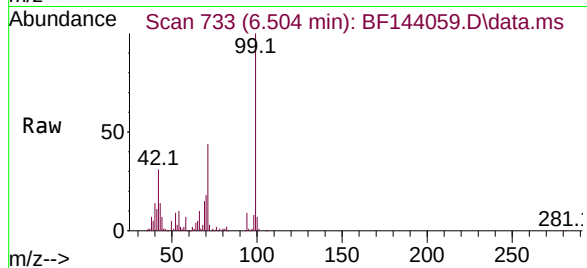




#7
Phenol-d6
Concen: 42.423 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

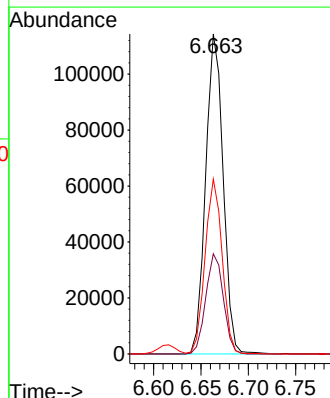
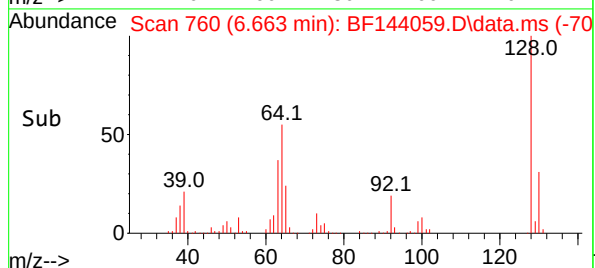
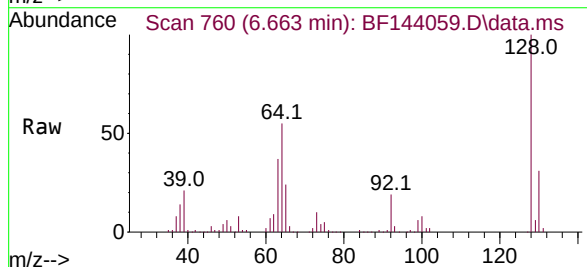
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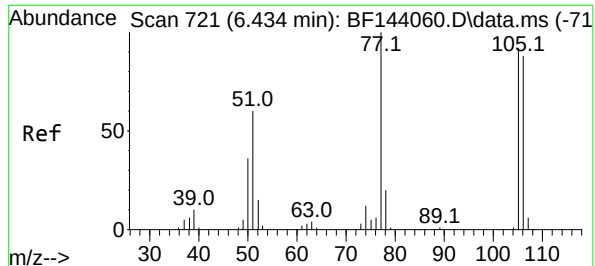
Tgt Ion: 99 Resp: 332945
Ion Ratio Lower Upper
99 100
42 30.7 23.9 35.9
71 44.2 34.4 51.6



#8
2-Chlorophenol
Concen: 20.988 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 128 Resp: 146877
Ion Ratio Lower Upper
128 100
130 31.3 10.7 50.7
64 54.6 34.7 74.7





#9

Benzaldehyde

Concen: 17.802 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

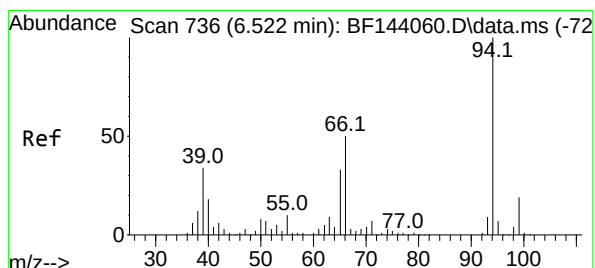
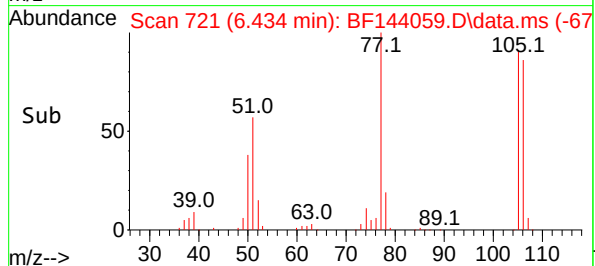
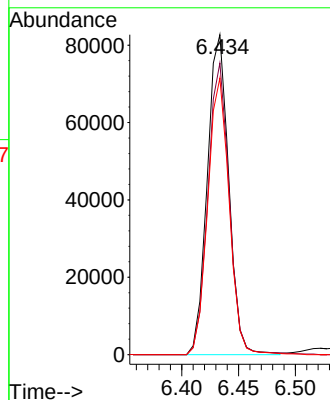
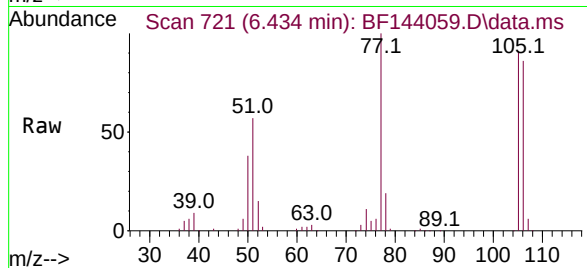
Tgt Ion: 77 Resp: 108472

Ion Ratio Lower Upper

77 100

105 91.1 72.2 112.2

106 86.4 67.9 107.9



#10

Phenol

Concen: 21.136 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

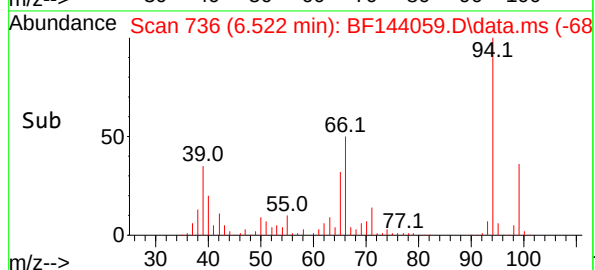
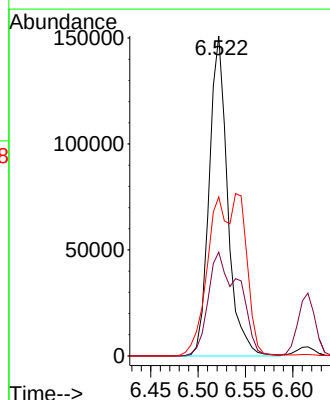
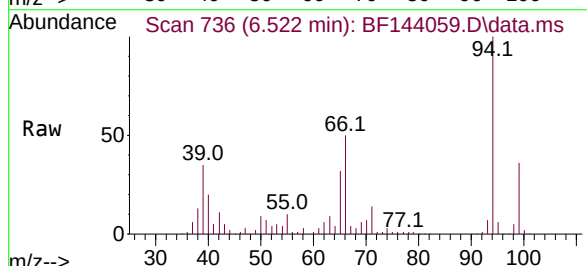
Tgt Ion: 94 Resp: 204649

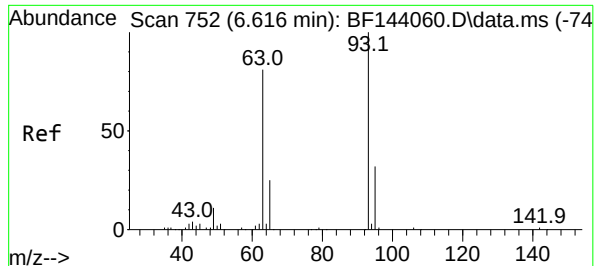
Ion Ratio Lower Upper

94 100

65 32.4 13.1 53.1

66 49.7 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 20.652 ng

RT: 6.616 min Scan# 752

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

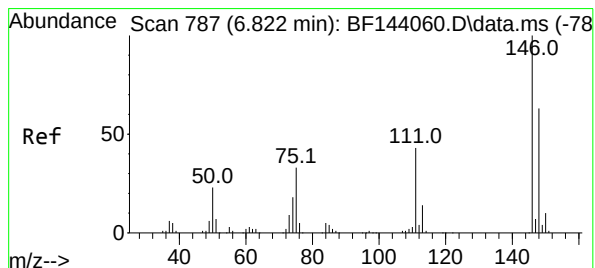
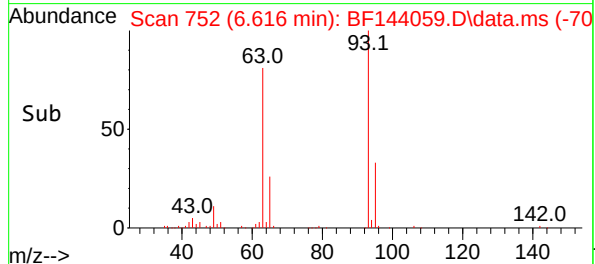
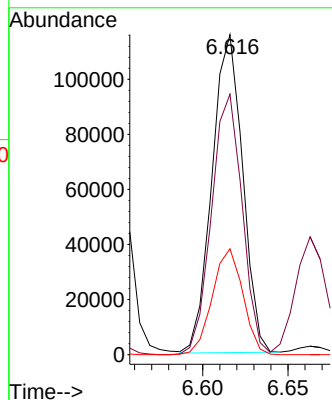
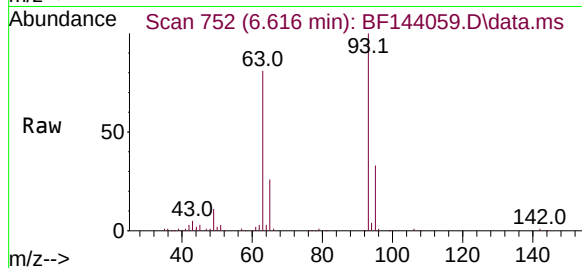
Tgt Ion: 93 Resp: 144490

Ion Ratio Lower Upper

93 100

63 81.4 60.2 100.2

95 33.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 21.358 ng

RT: 6.822 min Scan# 787

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

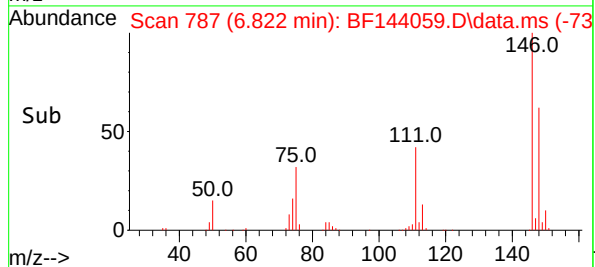
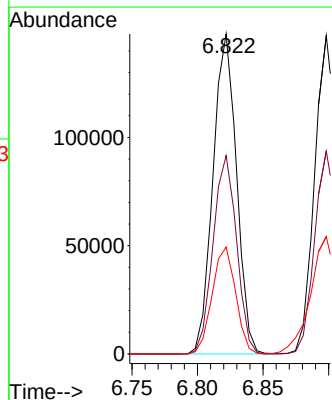
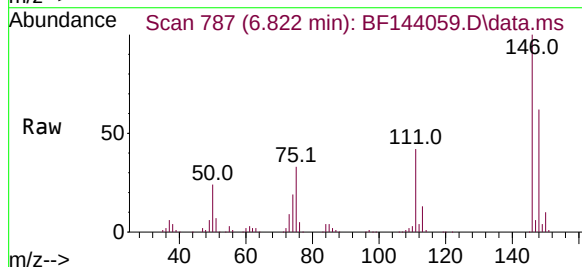
Tgt Ion:146 Resp: 184376

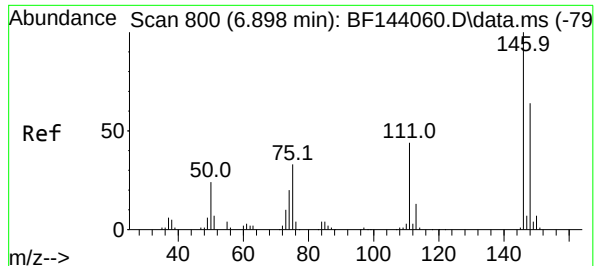
Ion Ratio Lower Upper

146 100

148 62.0 50.6 75.8

75 33.4 26.6 40.0

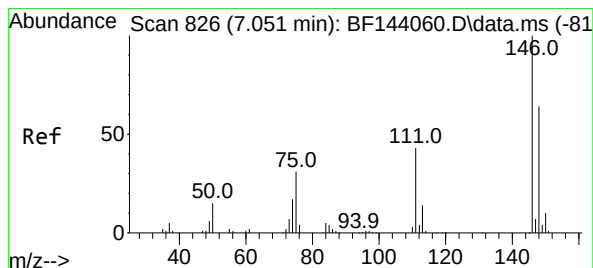
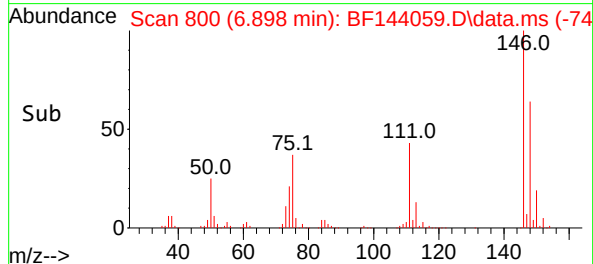
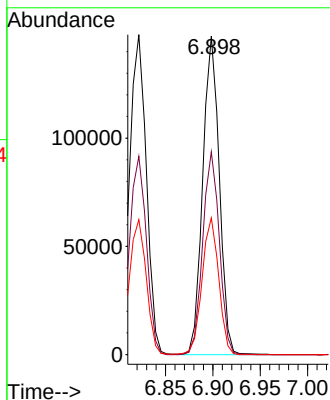
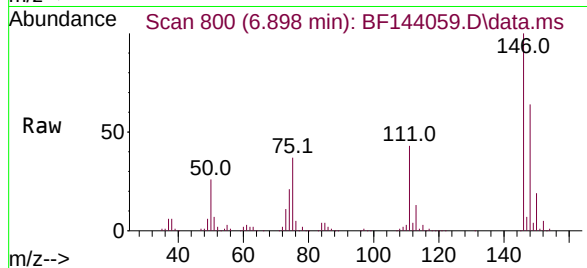




#13
1,4-Dichlorobenzene
Concen: 21.035 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

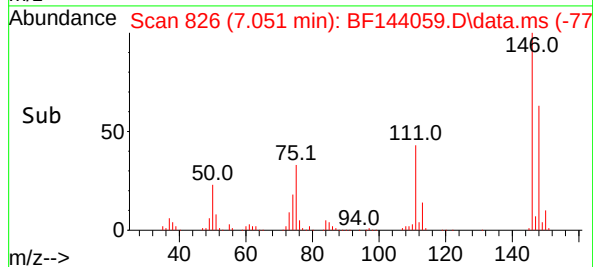
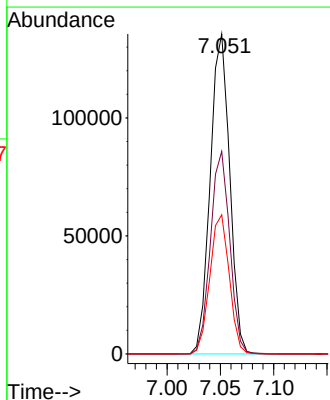
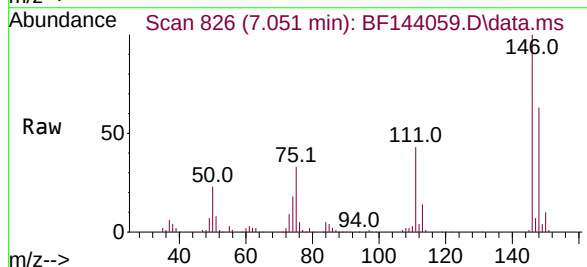
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

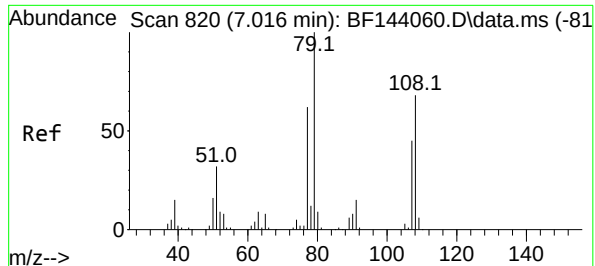
Tgt Ion:146 Resp: 178962
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 42.9 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 20.951 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:146 Resp: 172463
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 43.5 34.7 52.1

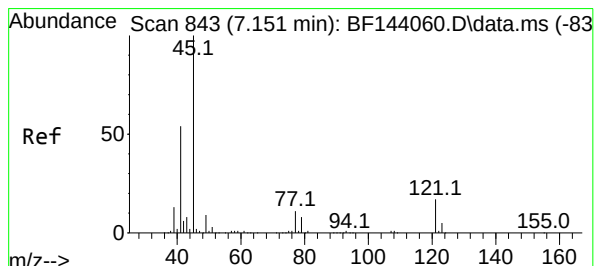
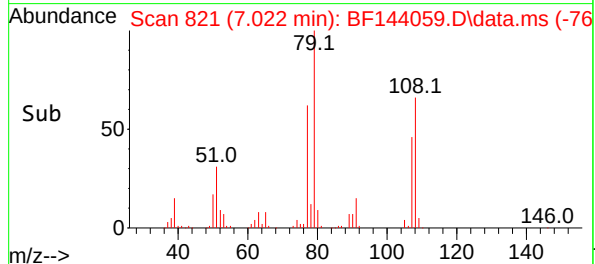
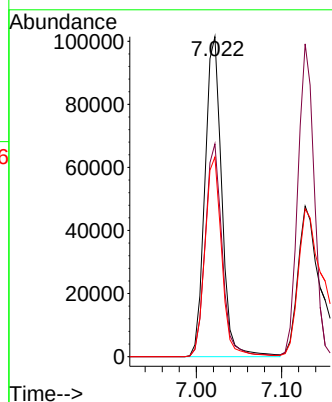
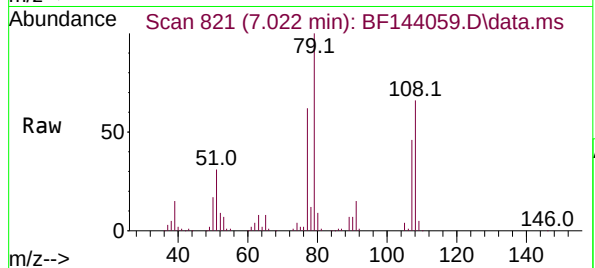




#15
Benzyl Alcohol
Concen: 21.748 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

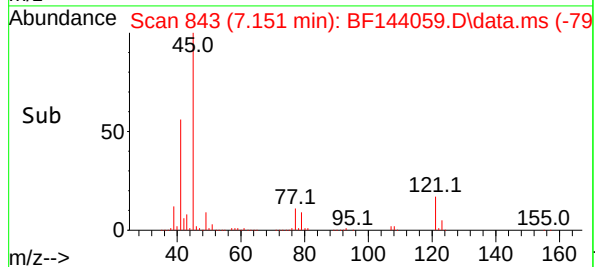
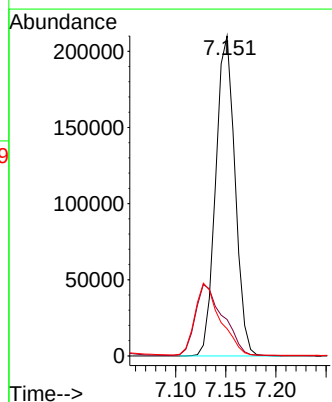
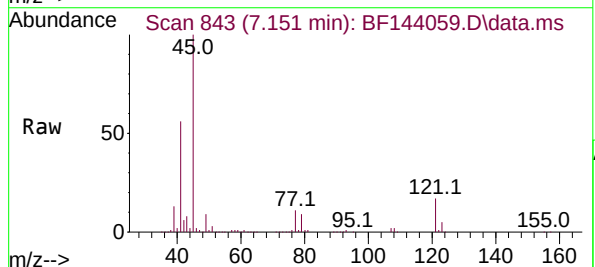
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

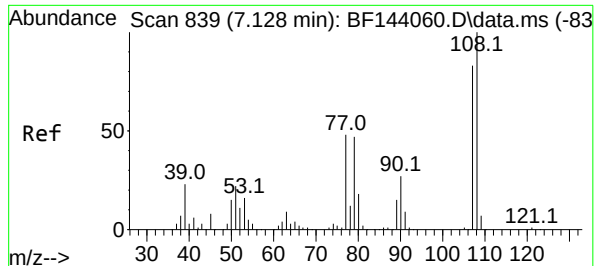
Tgt Ion: 79 Resp: 138784
Ion Ratio Lower Upper
79 100
108 66.5 54.8 82.2
77 62.4 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.419 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 45 Resp: 281645
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.9
79 8.5 0.0 28.2

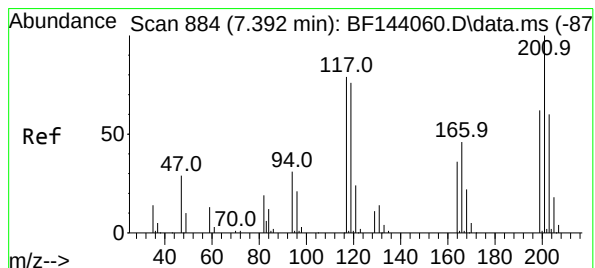
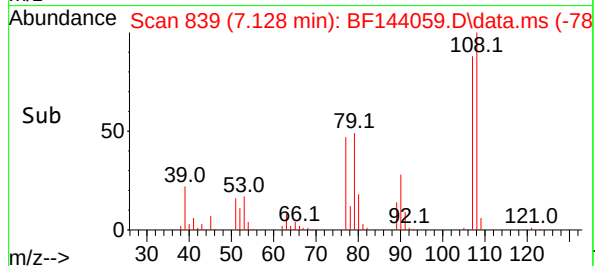
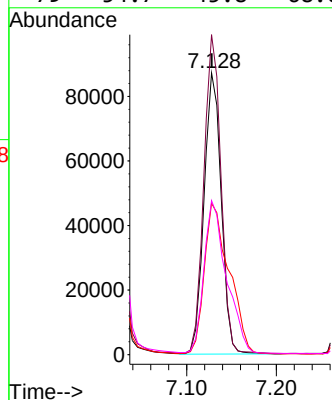
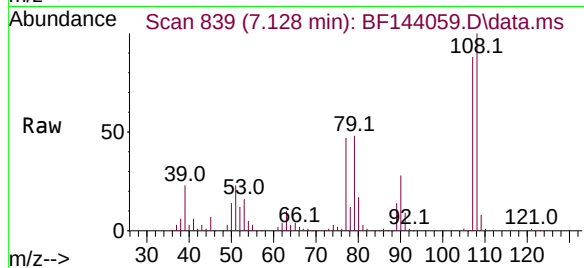




#17
2-Methylphenol
Concen: 21.550 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

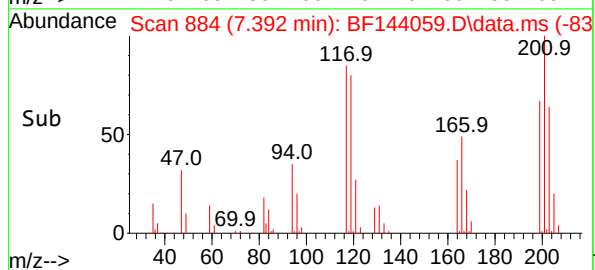
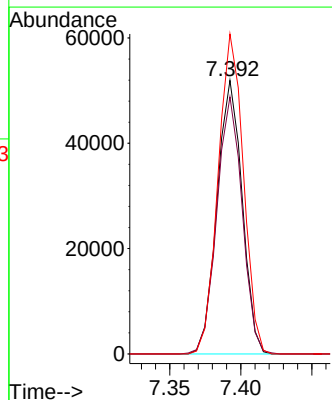
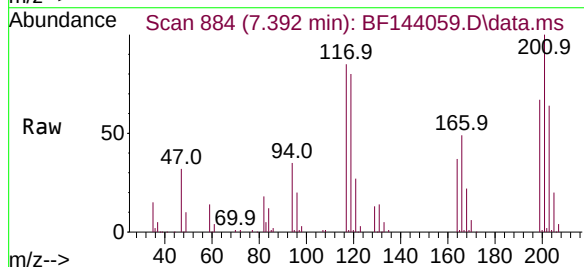
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

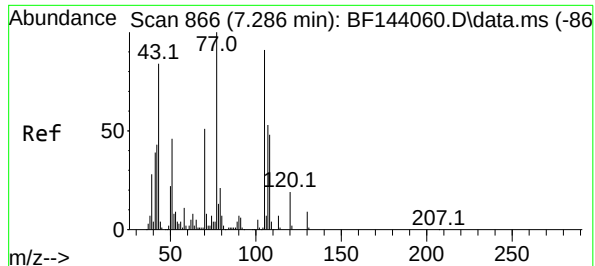
Tgt Ion:	107	Resp:	115994
Ion	Ratio	Lower	Upper
107	100		
108	113.6	96.4	144.6
77	53.7	46.8	70.2
79	54.7	45.8	68.6



#18
Hexachloroethane
Concen: 21.020 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:	117	Resp:	63937
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.6	115.0
201	117.0	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 21.019 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 106671

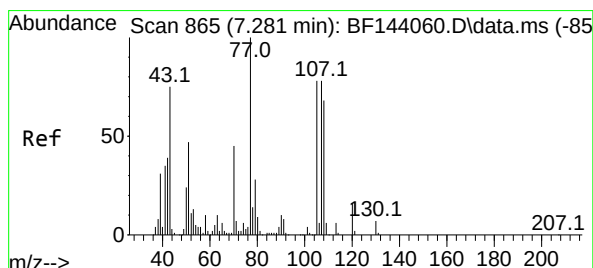
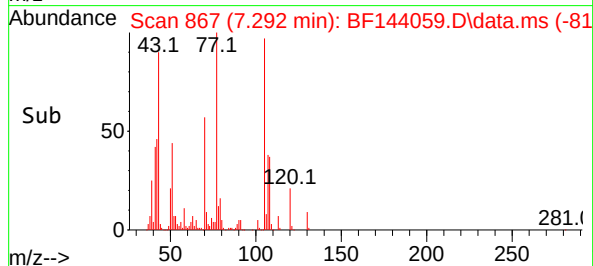
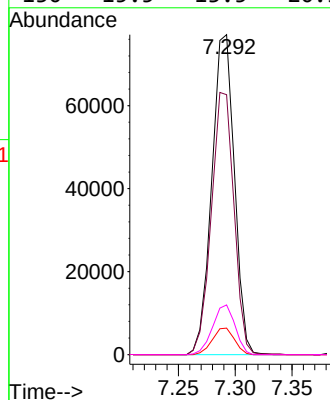
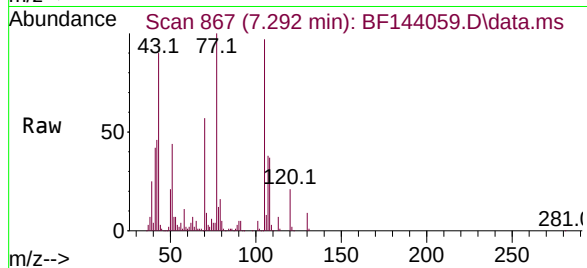
Ion Ratio Lower Upper

70 100

42 81.2 67.4 101.0

101 8.3 7.1 10.7

130 15.5 13.5 20.3



#20

3+4-Methylphenols

Concen: 21.033 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion: 107 Resp: 133833

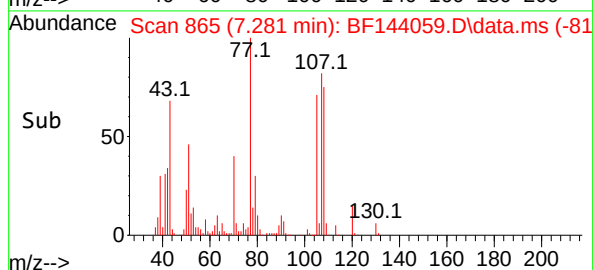
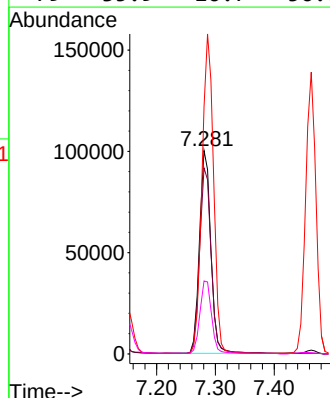
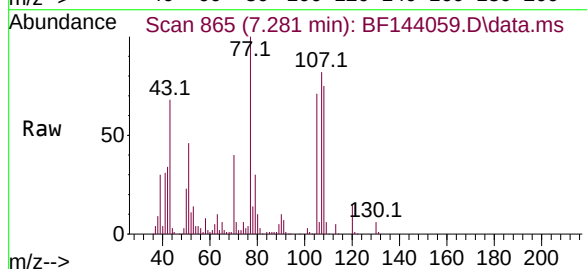
Ion Ratio Lower Upper

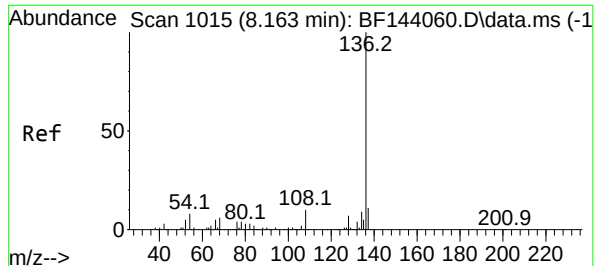
107 100

108 91.4 68.0 108.0

77 121.6 108.7 148.7

79 35.9 16.7 56.7

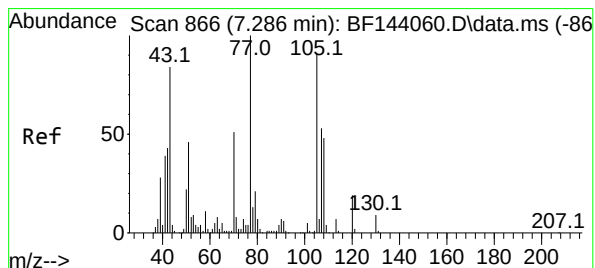
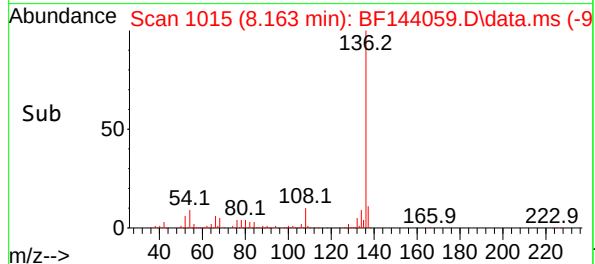
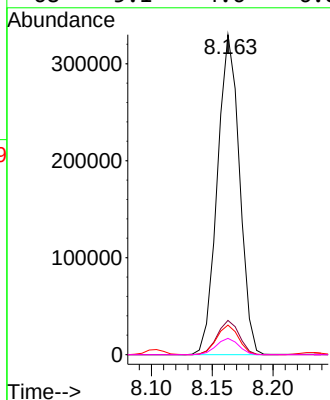
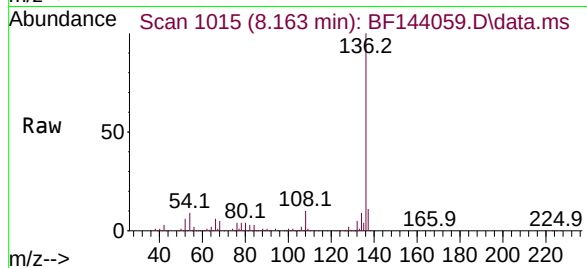




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

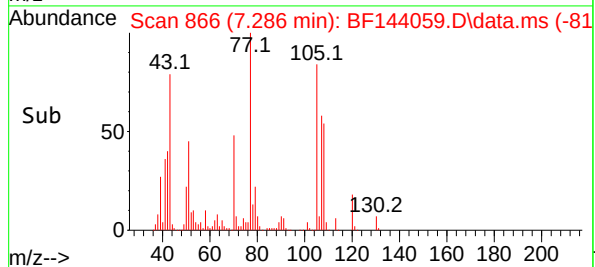
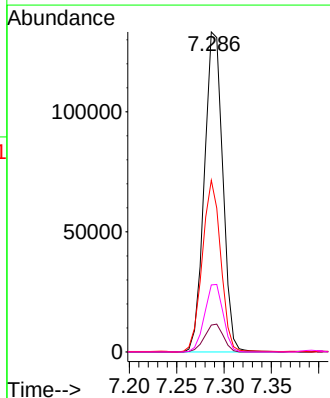
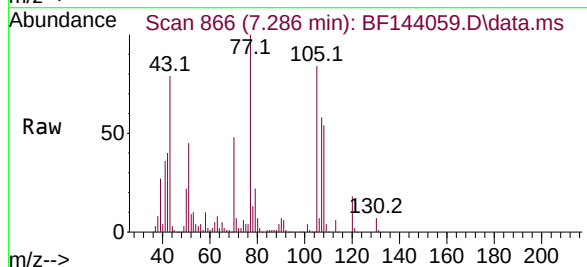
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

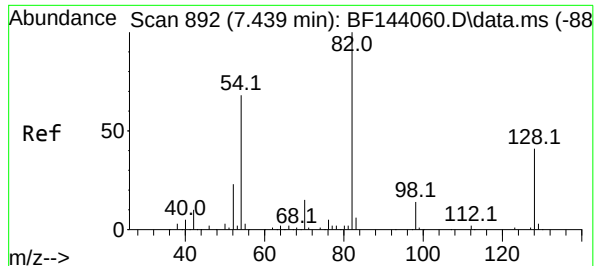
Tgt Ion:136 Resp: 417749
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.2 6.6 9.8
68 5.1 4.6 6.8



#22
Acetophenone
Concen: 20.050 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:105 Resp: 181010
Ion Ratio Lower Upper
105 100
71 8.4 6.9 10.3
51 53.6 40.6 60.8
120 20.9 16.8 25.2





#23

Nitrobenzene-d5

Concen: 41.016 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

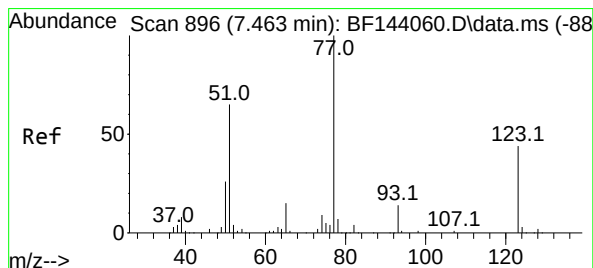
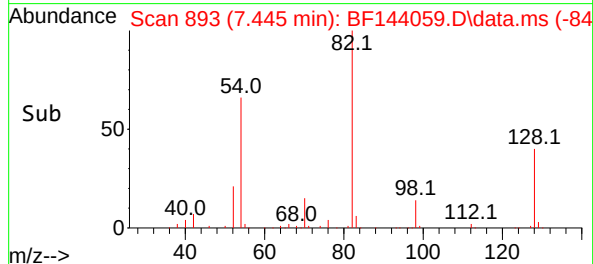
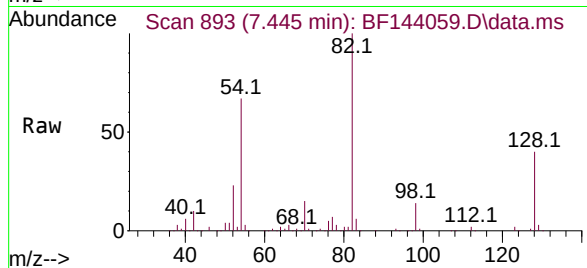
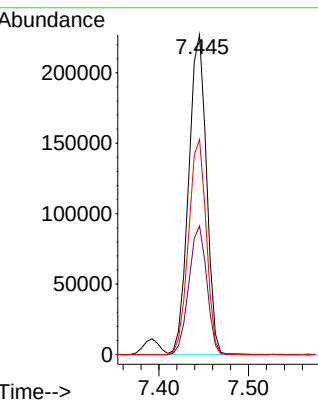
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 312746

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.4	48.6
54	67.2	54.0	81.0



#24

Nitrobenzene

Concen: 20.907 ng

RT: 7.463 min Scan# 896

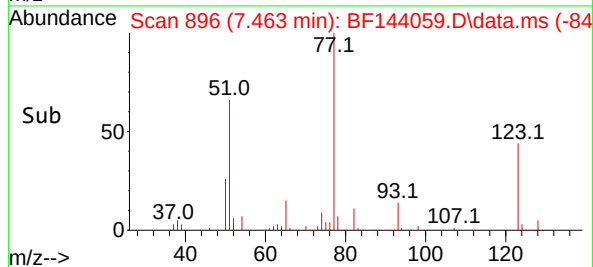
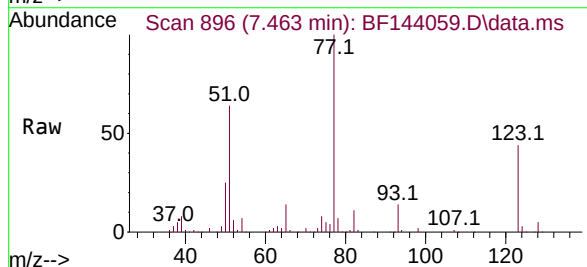
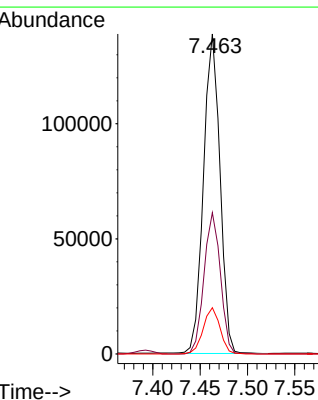
Delta R.T. 0.000 min

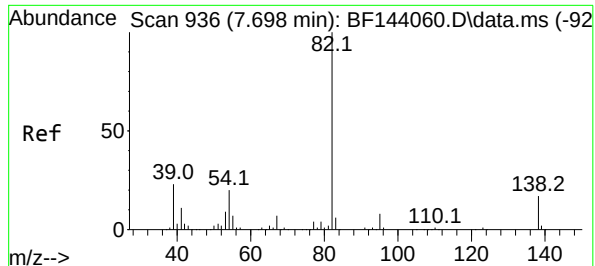
Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion: 77 Resp: 168641

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.0	52.6
65	14.4	12.2	18.2

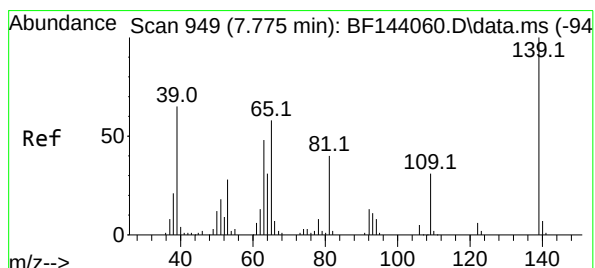
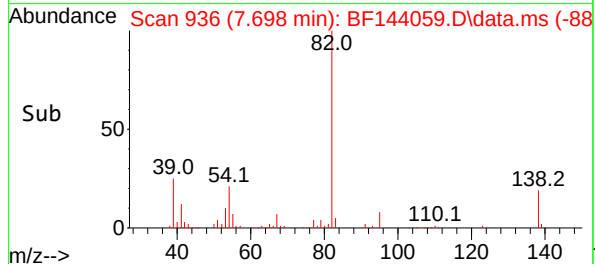
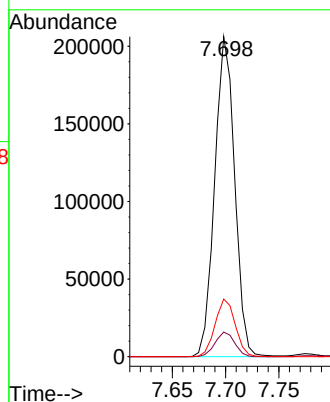
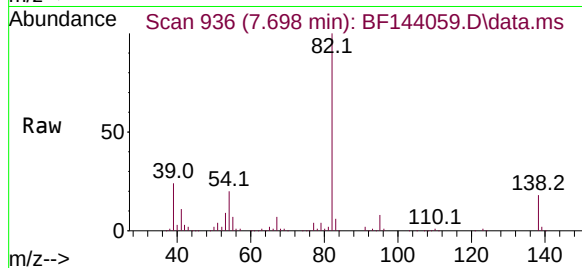




#25
Isophorone
Concen: 20.206 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

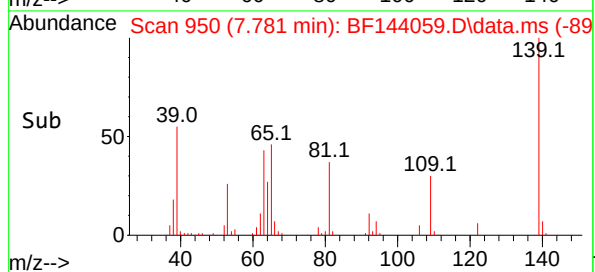
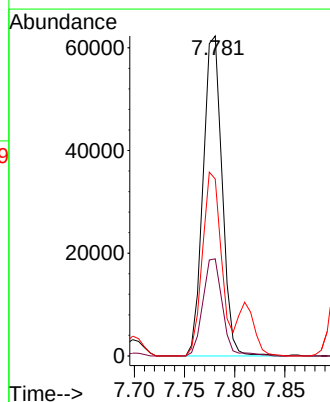
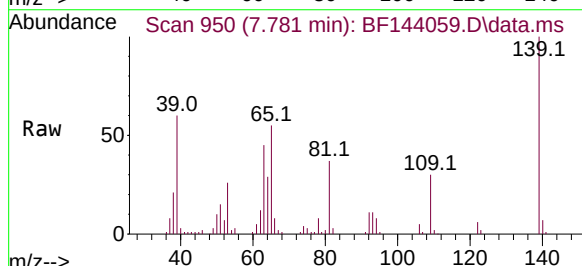
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

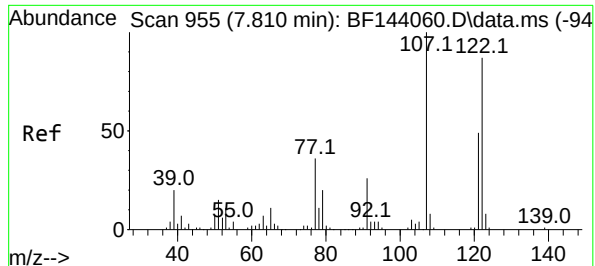
Tgt Ion:	82	Resp:	269356
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.6	9.8
138	18.0	13.8	20.8



#26
2-Nitrophenol
Concen: 21.306 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:	139	Resp:	81754
Ion Ratio	Lower	Upper	
139	100		
109	30.3	24.6	37.0
65	55.3	46.6	69.8





#27

2,4-Dimethylphenol

Concen: 19.202 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

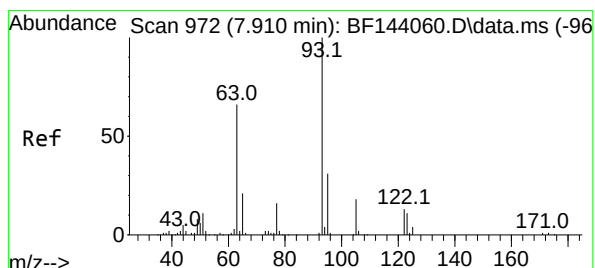
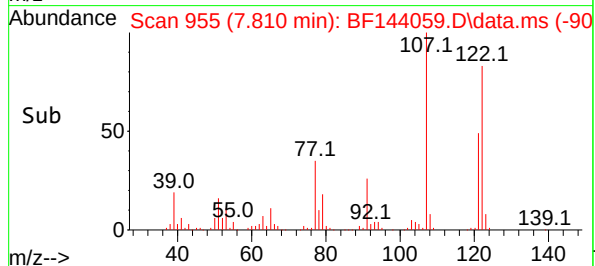
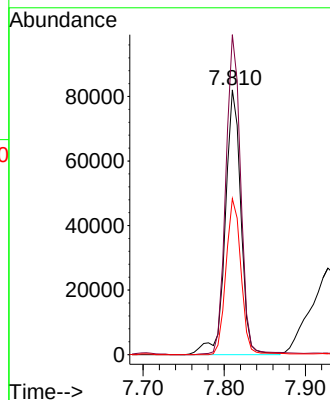
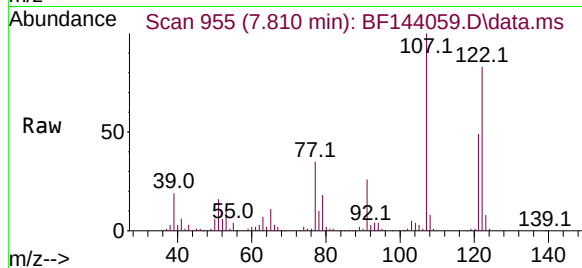
Tgt Ion:122 Resp: 109494

Ion Ratio Lower Upper

122 100

107 120.9 91.8 137.8

121 58.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.729 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

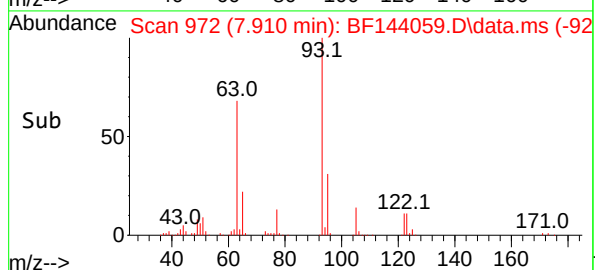
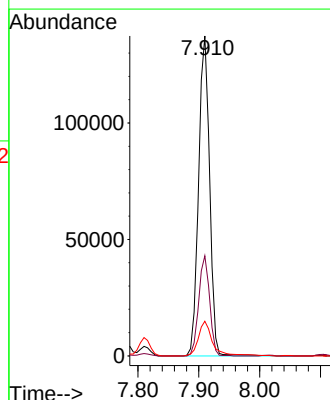
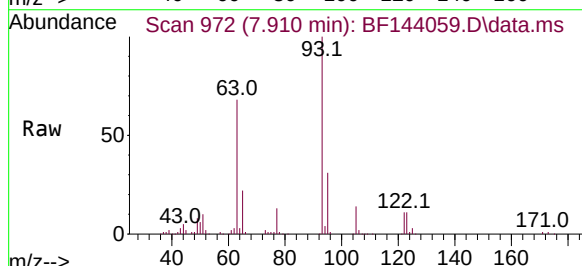
Tgt Ion: 93 Resp: 172327

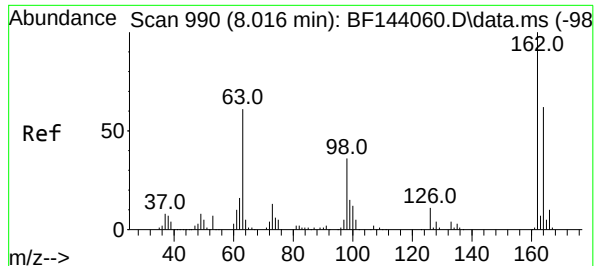
Ion Ratio Lower Upper

93 100

95 31.3 24.6 36.8

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 20.487 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

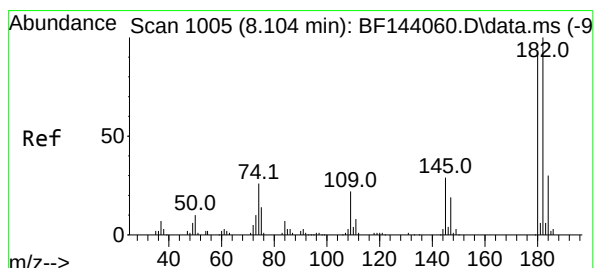
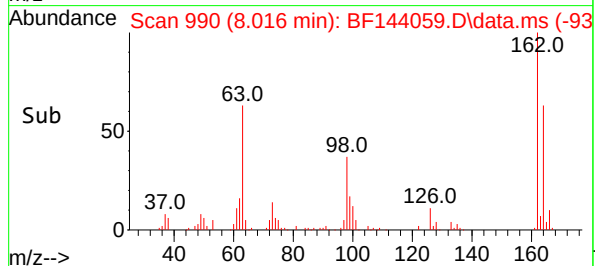
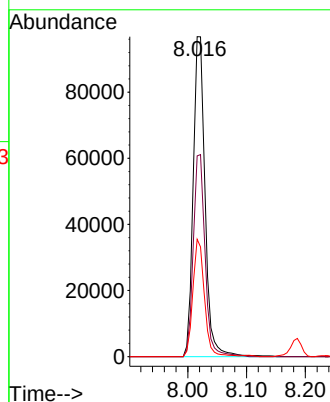
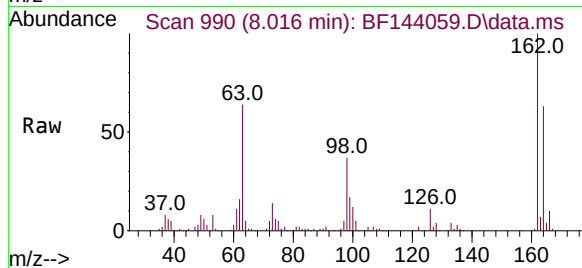
Tgt Ion:162 Resp: 135856

Ion Ratio Lower Upper

162 100

164 62.7 42.1 82.1

98 36.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 20.442 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

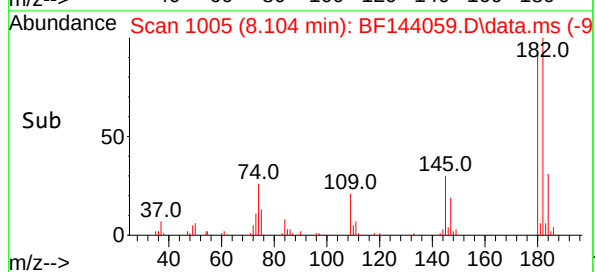
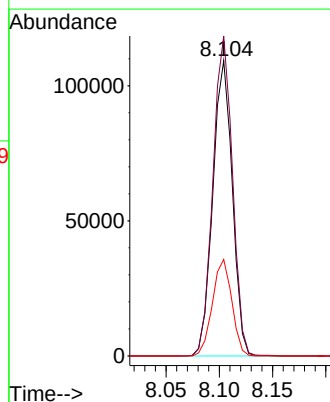
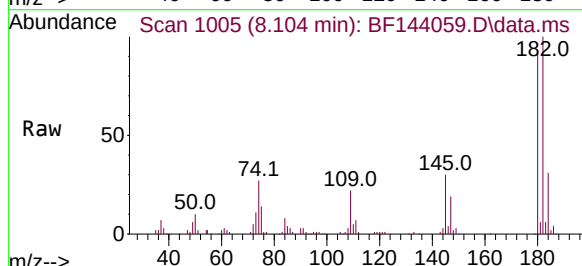
Tgt Ion:180 Resp: 139458

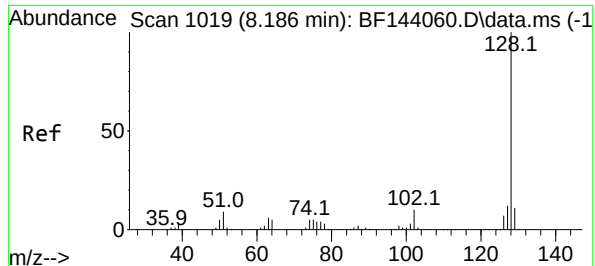
Ion Ratio Lower Upper

180 100

182 108.4 87.1 130.7

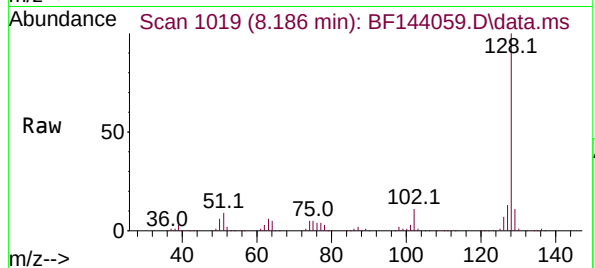
145 32.7 25.3 37.9



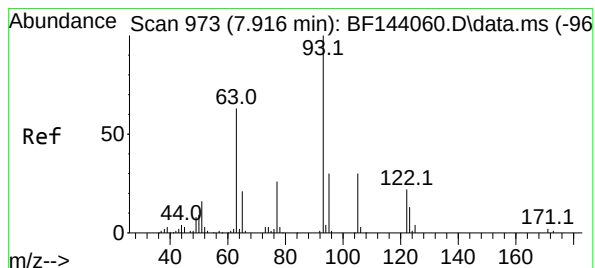
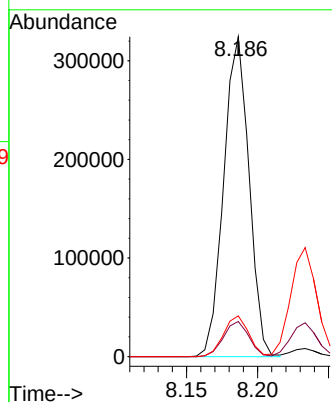
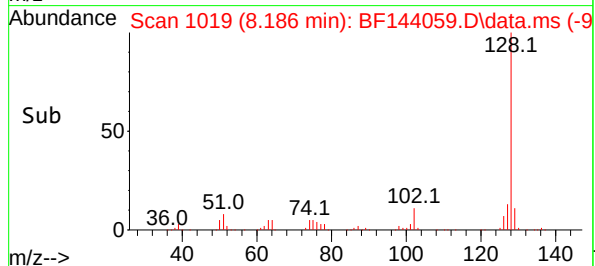


#31
Naphthalene
Concen: 20.378 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

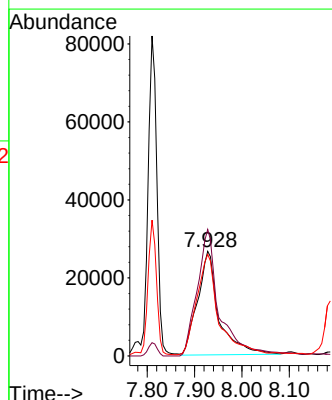
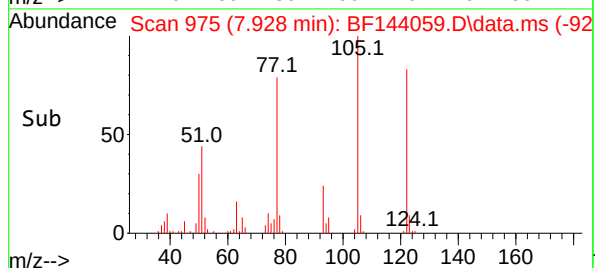
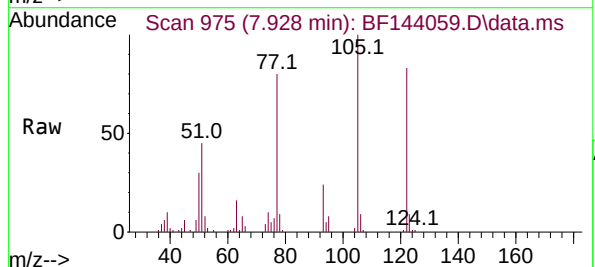


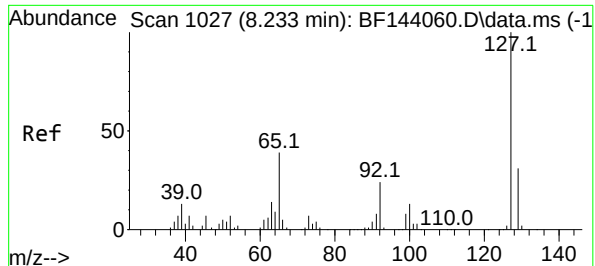
Tgt Ion:128 Resp: 401788
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.7 9.9 14.9



#32
Benzoic acid
Concen: 23.086 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:122 Resp: 83503
Ion Ratio Lower Upper
122 100
105 120.9 111.3 151.3
77 97.1 96.7 136.7





#33

4-Chloroaniline

Concen: 21.228 ng

RT: 8.233 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 145706

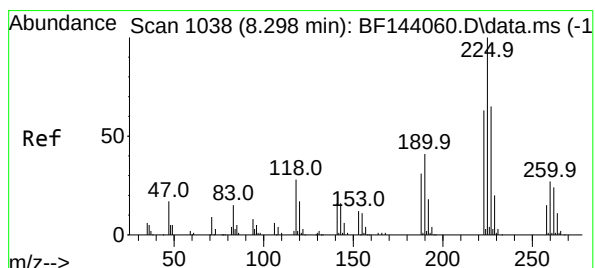
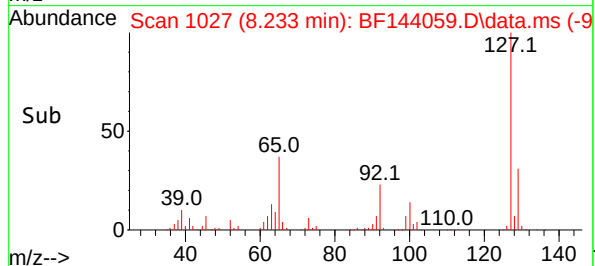
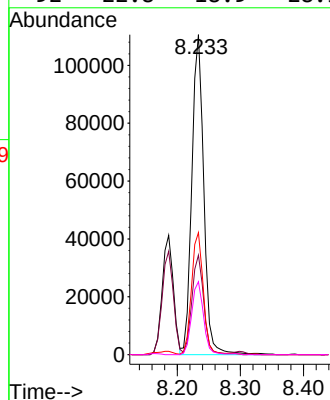
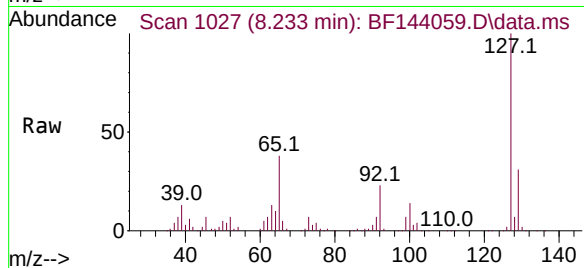
Ion Ratio Lower Upper

127 100

129 31.1 25.6 38.4

65 38.1 30.9 46.3

92 22.8 18.9 28.3



#34

Hexachlorobutadiene

Concen: 20.546 ng

RT: 8.298 min Scan# 1038

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

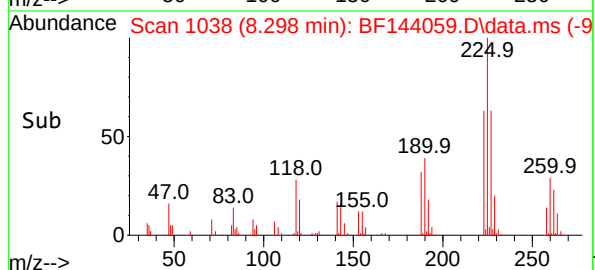
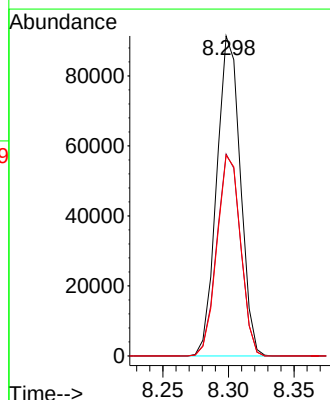
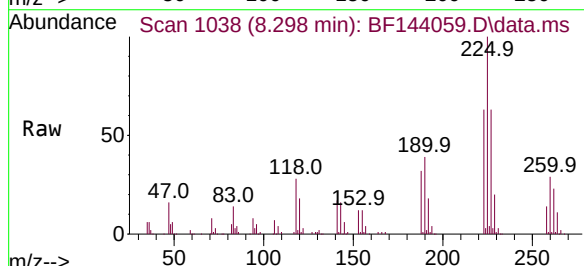
Tgt Ion:225 Resp: 114614

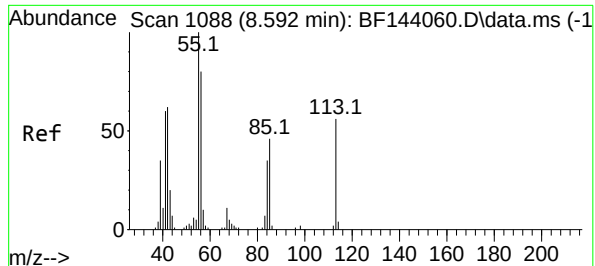
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 62.7 51.8 77.8





#35

Caprolactam

Concen: 20.591 ng

RT: 8.598 min Scan# 1089

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

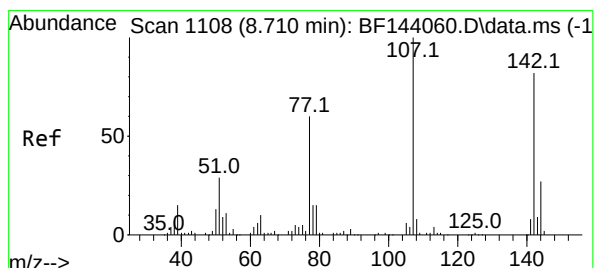
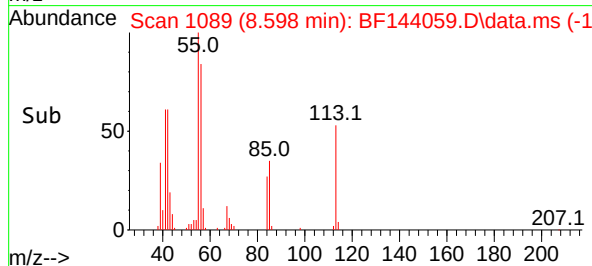
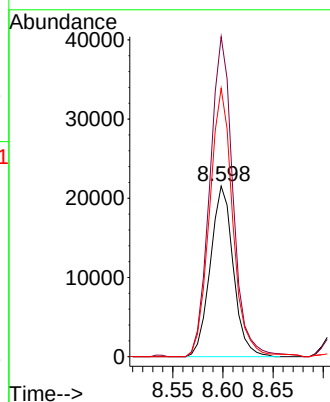
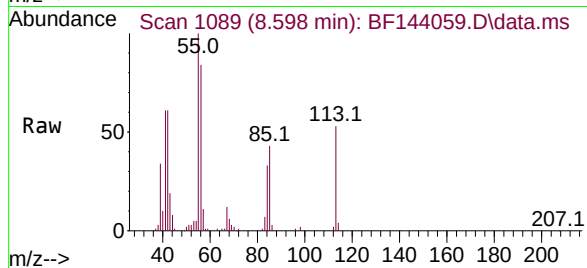
Tgt Ion:113 Resp: 34241

Ion Ratio Lower Upper

113 100

55 187.8 160.1 200.1

56 157.4 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 20.357 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

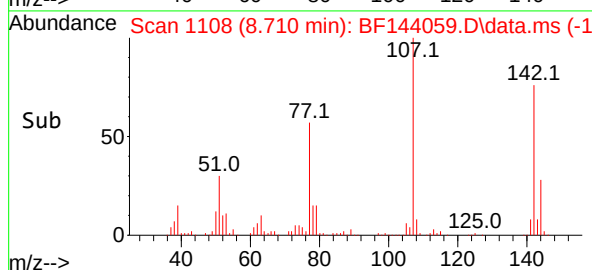
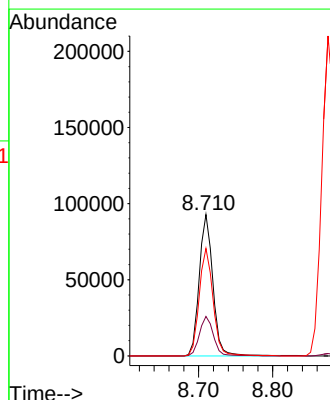
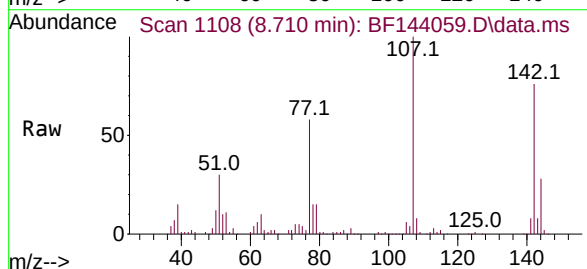
Tgt Ion:107 Resp: 119127

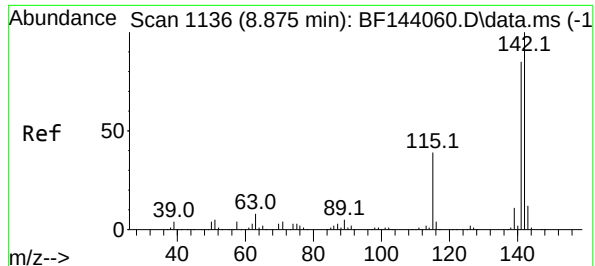
Ion Ratio Lower Upper

107 100

144 28.0 21.6 32.4

142 76.0 65.4 98.0





#37

2-Methylnaphthalene

Concen: 20.280 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

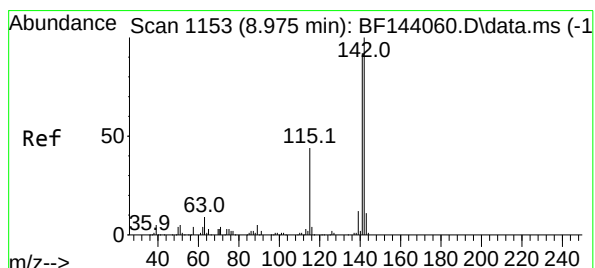
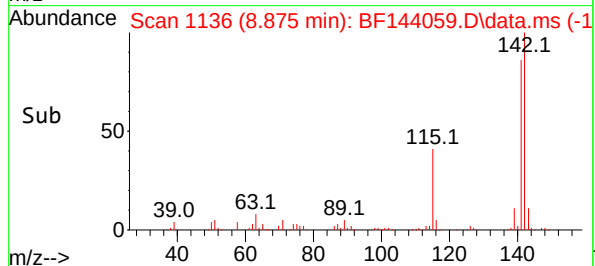
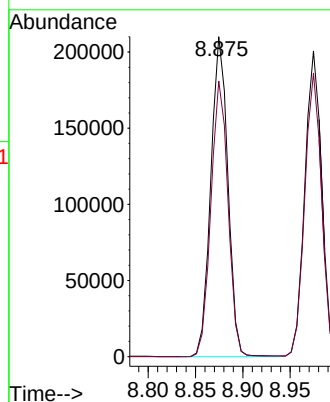
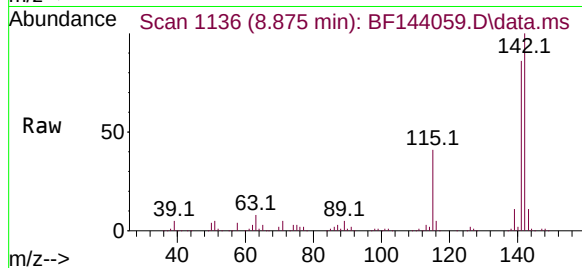
SSTDICC020

Tgt Ion:142 Resp: 263628

Ion Ratio Lower Upper

142 100

141 86.1 67.6 101.4



#38

1-Methylnaphthalene

Concen: 20.035 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144059.D

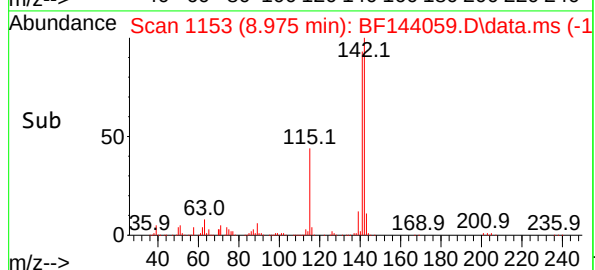
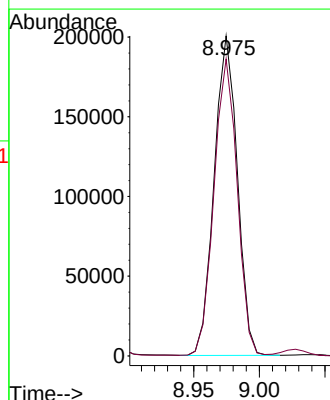
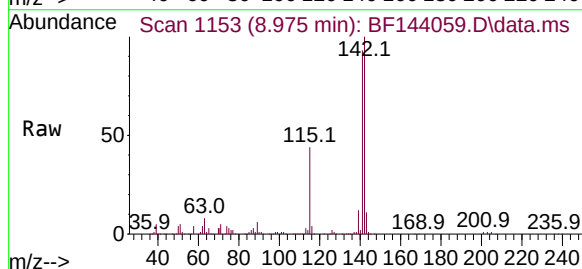
Acq: 24 Oct 2025 12:36

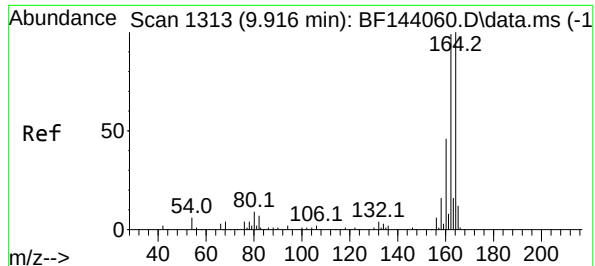
Tgt Ion:142 Resp: 246748

Ion Ratio Lower Upper

142 100

141 92.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

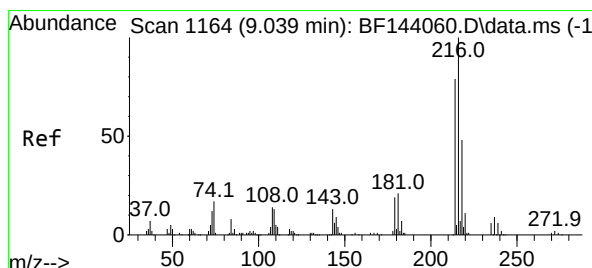
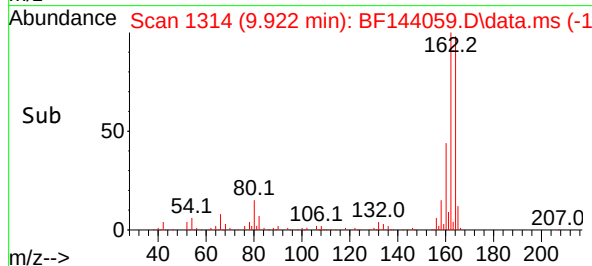
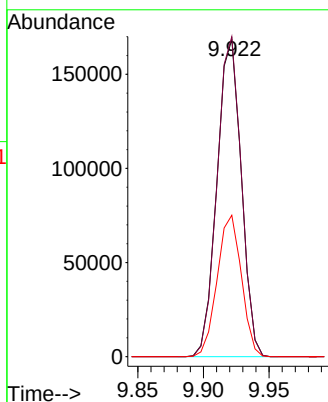
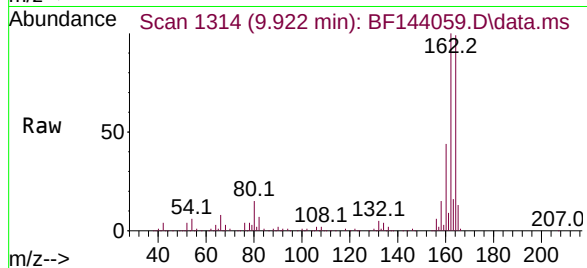
Tgt Ion:164 Resp: 217706

Ion	Ratio	Lower	Upper

164	100		

162	100.9	79.4	119.2

160	44.6	36.7	55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.160 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:216 Resp: 150836

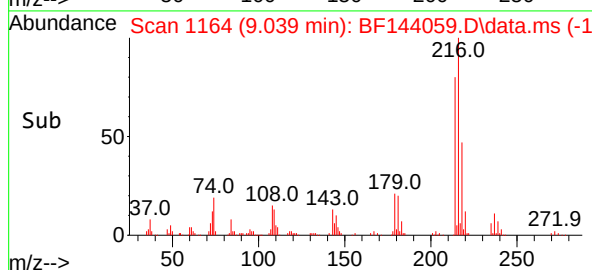
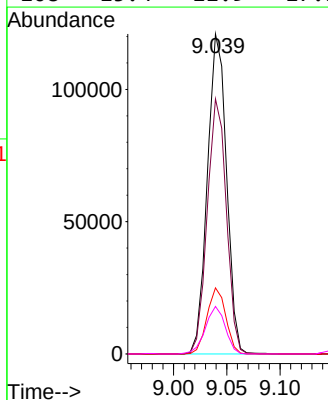
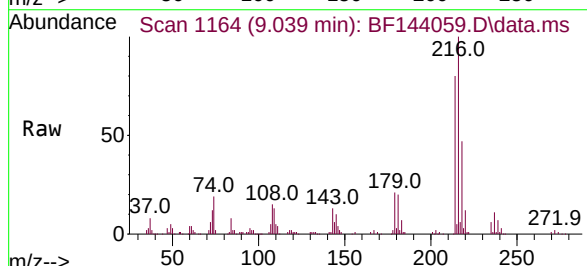
Ion	Ratio	Lower	Upper

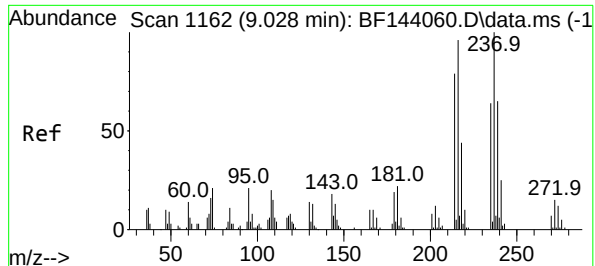
216	100		

214	79.3	63.2	94.8

179	20.2	15.2	22.8

108	15.4	11.9	17.9

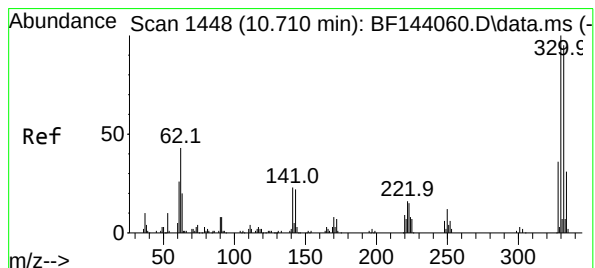
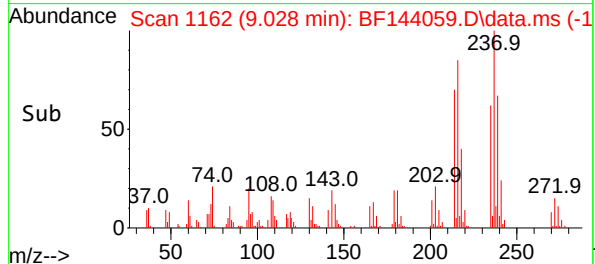
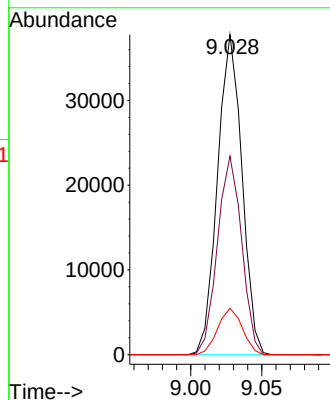
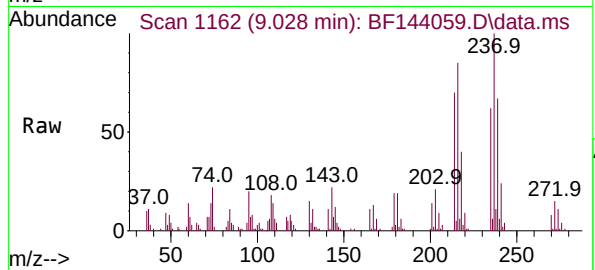




#41
Hexachlorocyclopentadiene
Concen: 19.591 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

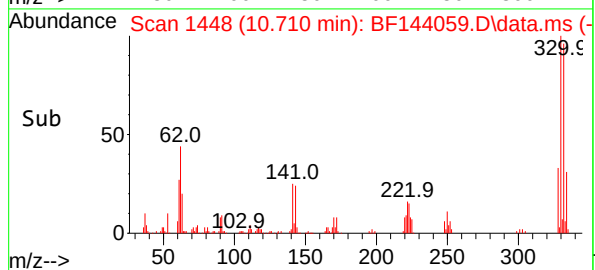
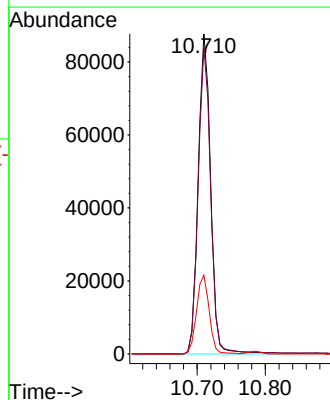
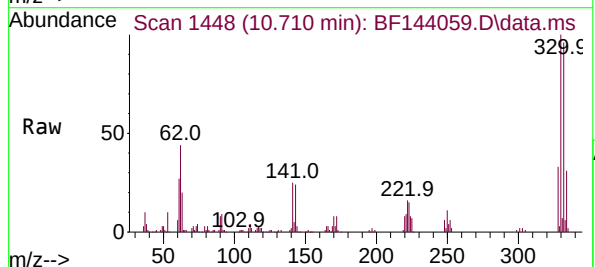
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

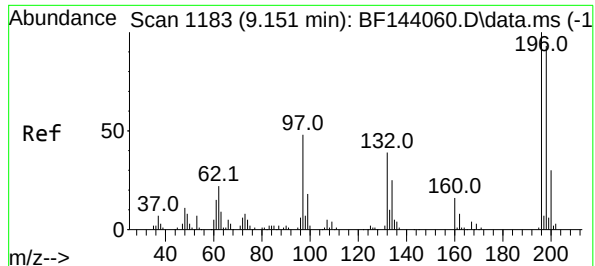
Tgt Ion:237 Resp: 45275
Ion Ratio Lower Upper
237 100
235 62.0 44.3 84.3
272 14.5 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 40.132 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:330 Resp: 111292
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 24.9 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 21.484 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

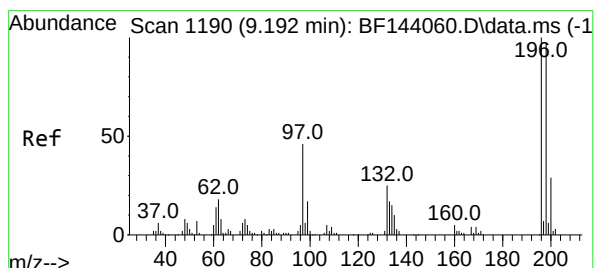
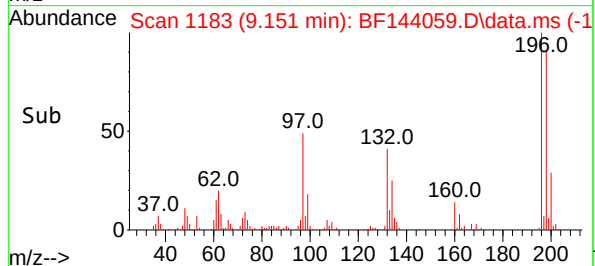
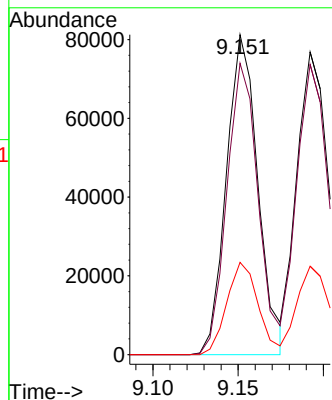
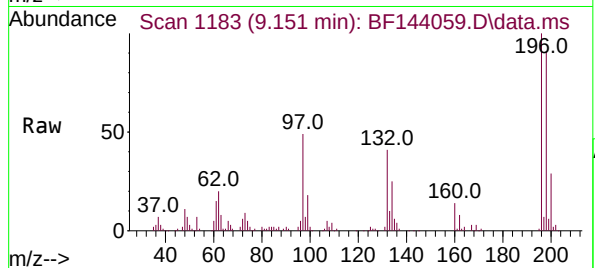
Tgt Ion:196 Resp: 104484

Ion Ratio Lower Upper

196 100

198 91.0 74.4 111.6

200 28.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 20.655 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Tgt Ion:196 Resp: 105424

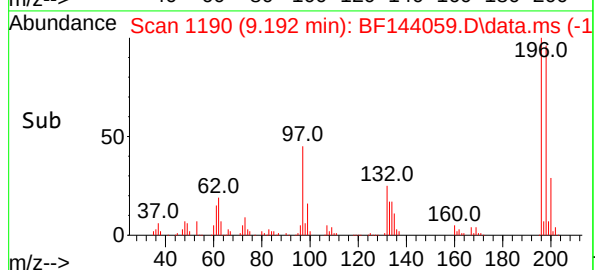
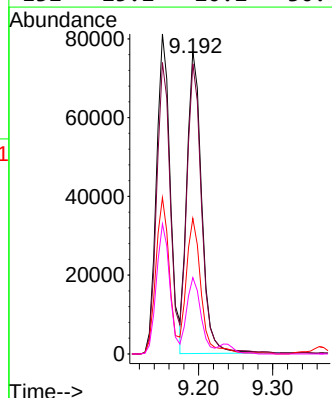
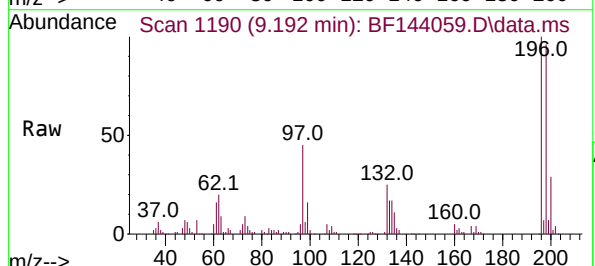
Ion Ratio Lower Upper

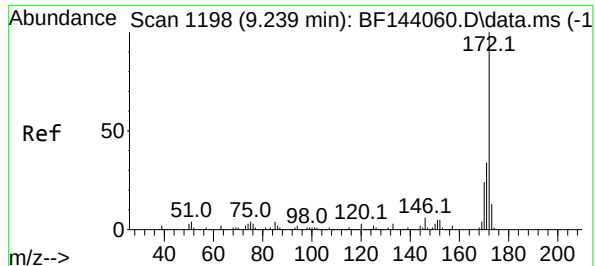
196 100

198 95.9 78.0 117.0

97 44.7 37.7 56.5

132 25.2 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 39.724 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

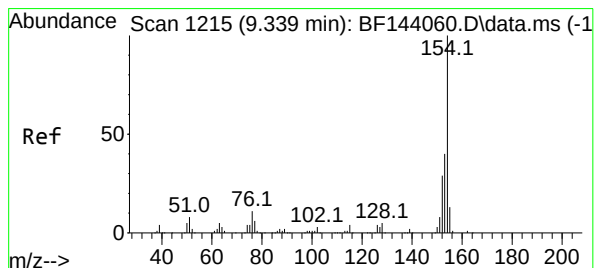
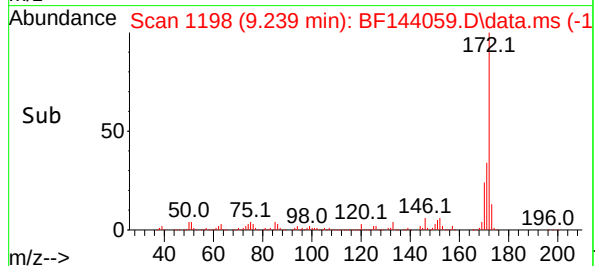
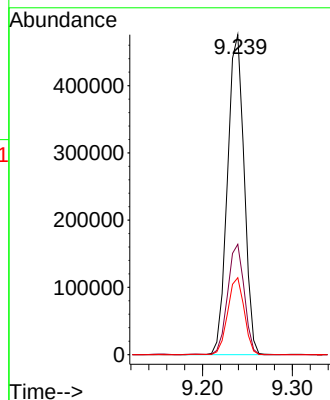
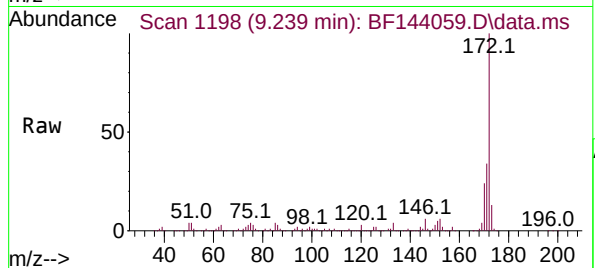
Tgt Ion:172 Resp: 614559

Ion Ratio Lower Upper

172 100

171 34.5 27.5 41.3

170 24.0 19.0 28.6



#46

1,1'-Biphenyl

Concen: 20.128 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

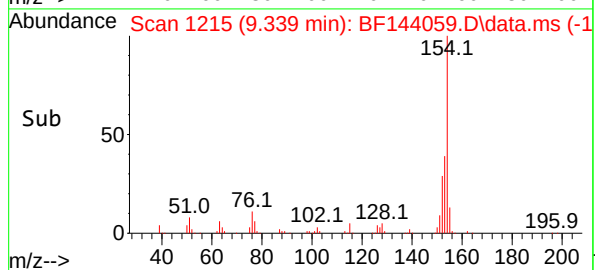
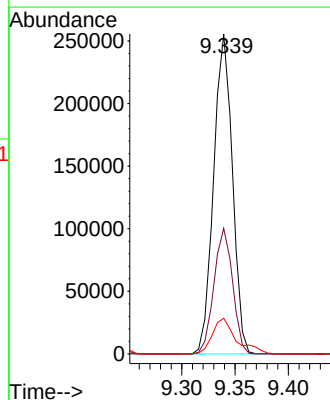
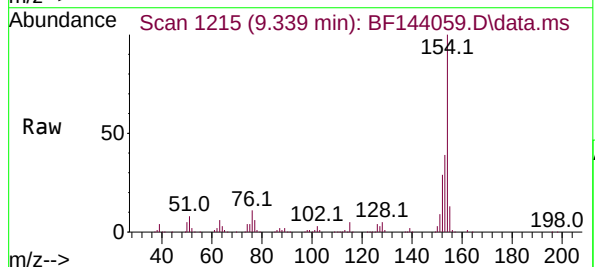
Tgt Ion:154 Resp: 313680

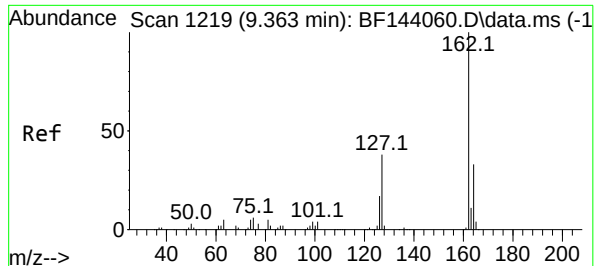
Ion Ratio Lower Upper

154 100

153 39.2 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 20.561 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

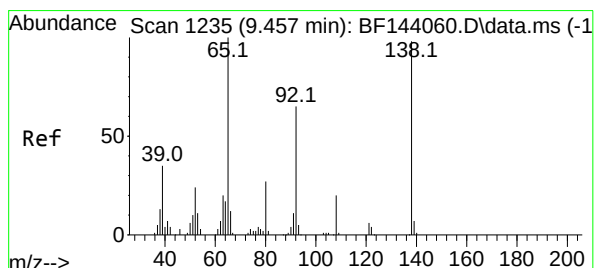
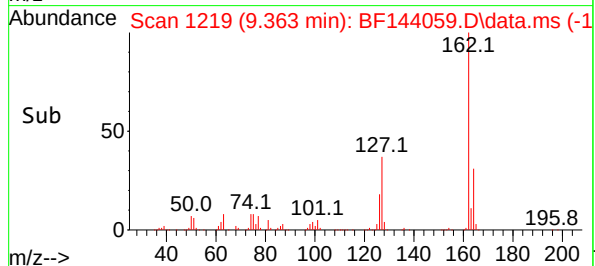
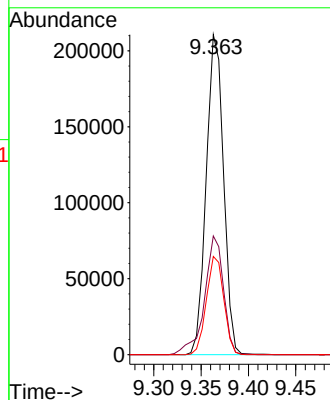
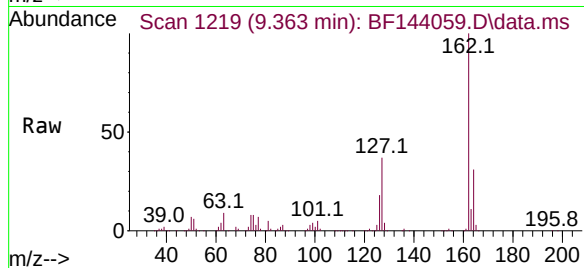
Tgt Ion:162 Resp: 268452

Ion Ratio Lower Upper

162 100

127 37.1 31.6 47.4

164 30.7 26.5 39.7



#48

2-Nitroaniline

Concen: 20.678 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

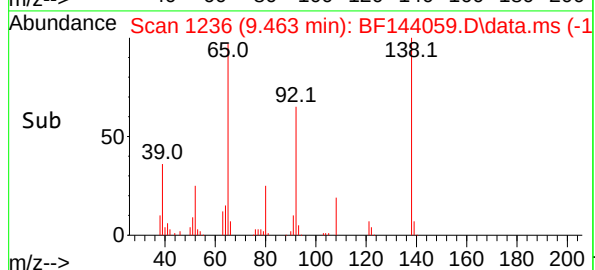
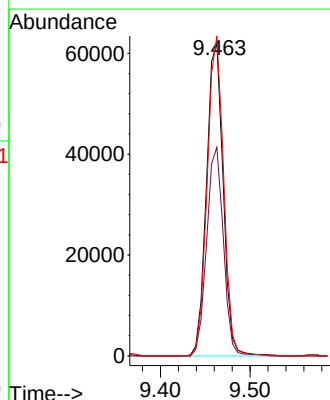
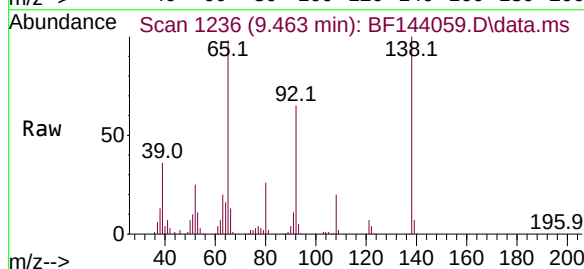
Tgt Ion: 65 Resp: 80171

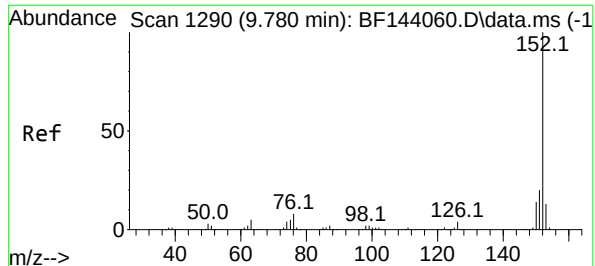
Ion Ratio Lower Upper

65 100

92 66.6 52.3 78.5

138 102.3 78.3 117.5





#49

Acenaphthylene

Concen: 20.575 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

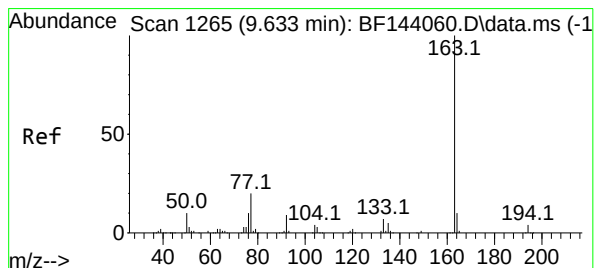
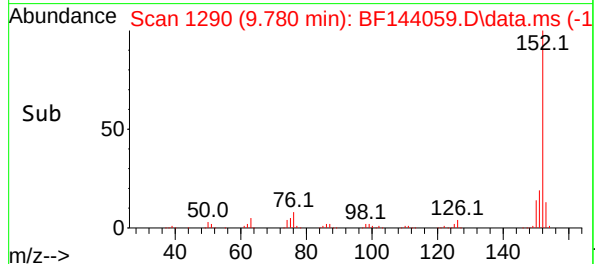
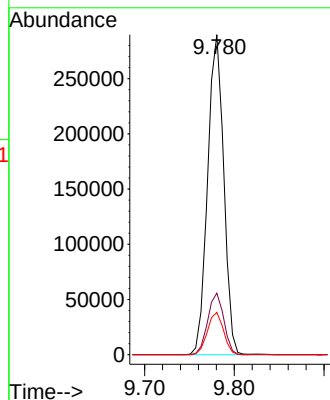
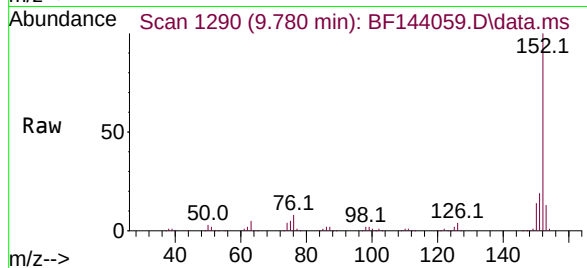
Tgt Ion:152 Resp: 362218

Ion Ratio Lower Upper

152 100

151 19.2 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 20.324 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

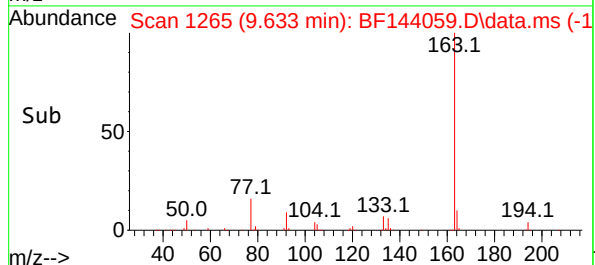
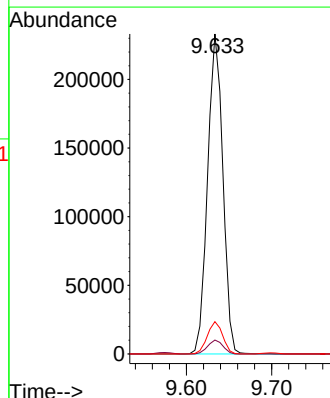
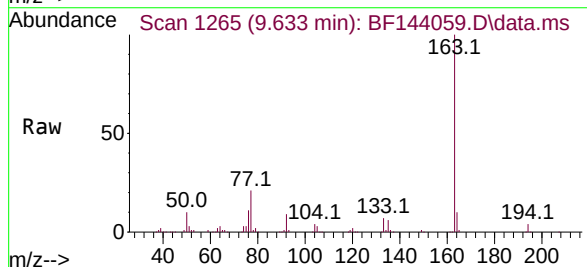
Tgt Ion:163 Resp: 290025

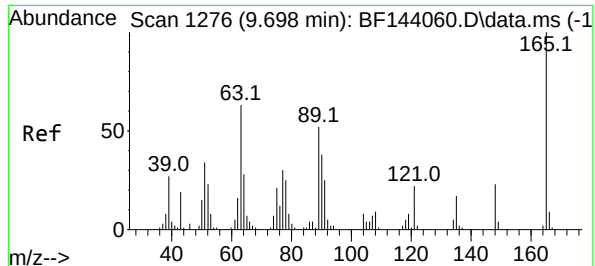
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 21.235 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

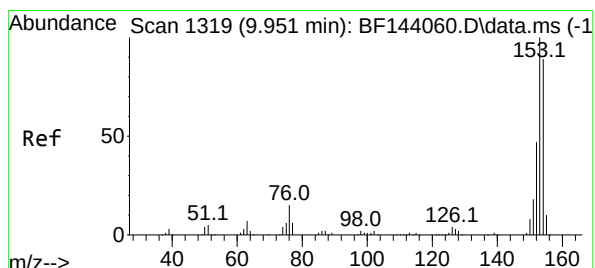
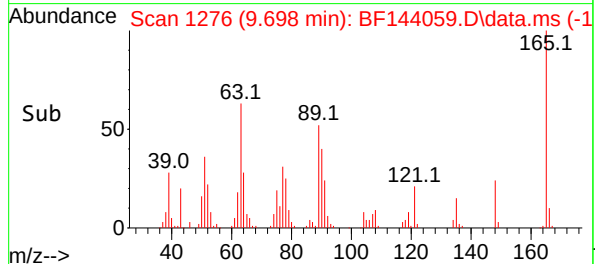
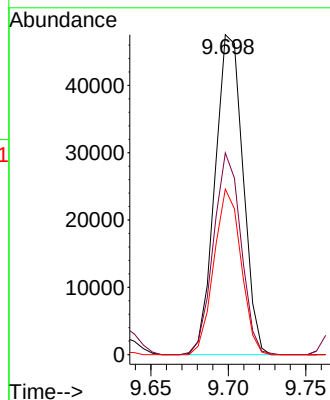
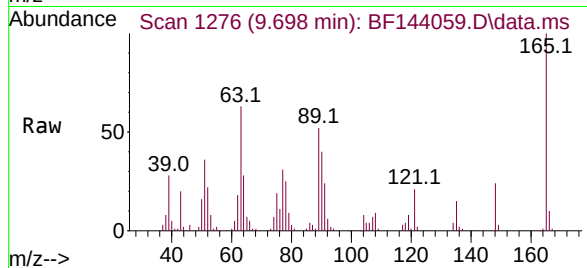
Tgt Ion:165 Resp: 59905

Ion Ratio Lower Upper

165 100

63 63.0 50.4 75.6

89 51.7 41.4 62.2



#52

Acenaphthene

Concen: 21.003 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

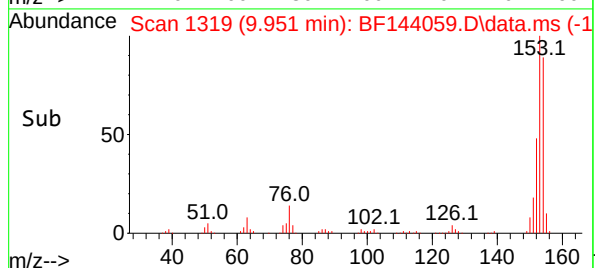
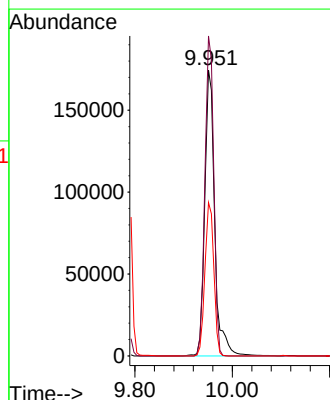
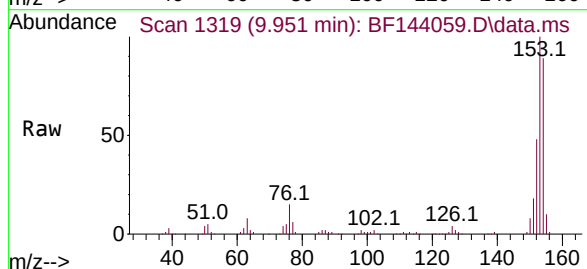
Tgt Ion:154 Resp: 246935

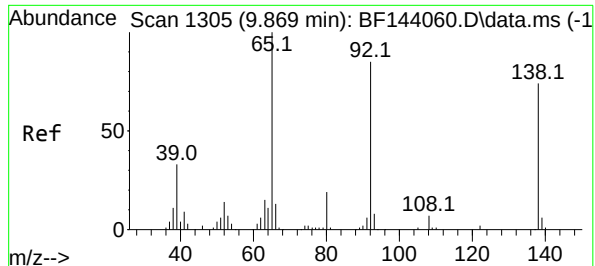
Ion Ratio Lower Upper

154 100

153 112.0 89.9 134.9

152 53.7 42.0 63.0

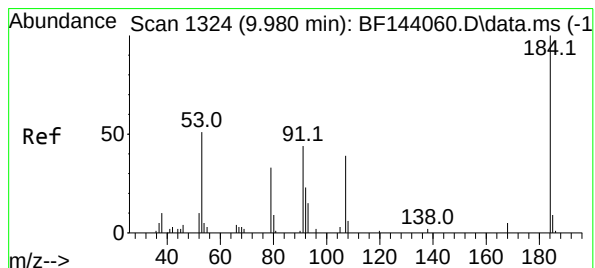
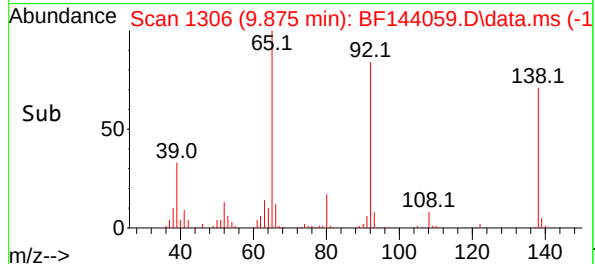
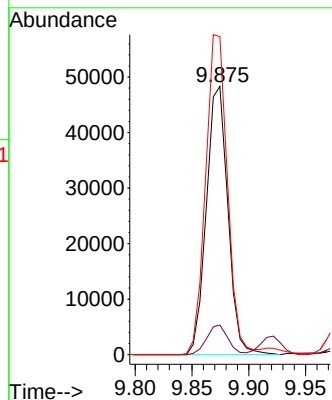
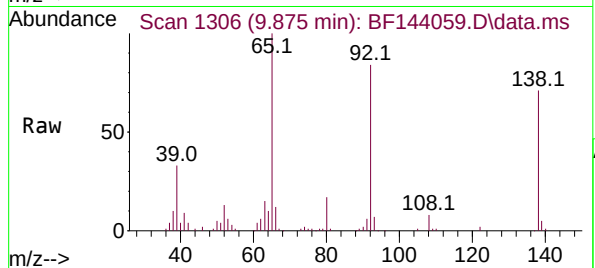




#53
3-Nitroaniline
Concen: 20.358 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

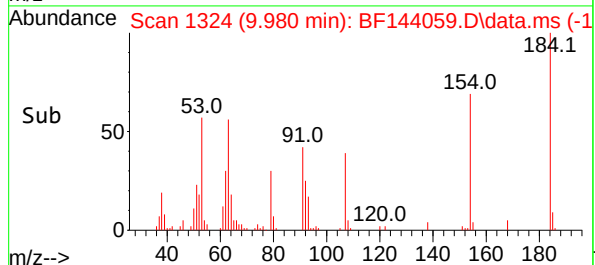
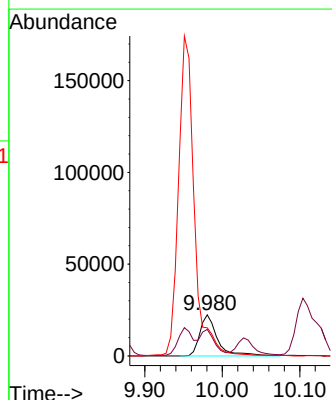
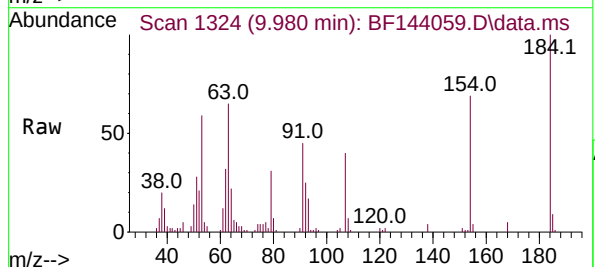
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

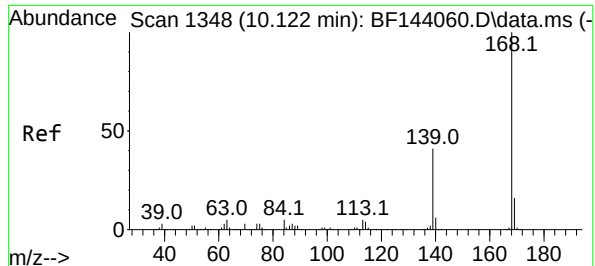
Tgt Ion:138 Resp: 63852
Ion Ratio Lower Upper
138 100
108 11.0 7.9 11.9
92 118.5 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 23.089 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:184 Resp: 35229
Ion Ratio Lower Upper
184 100
63 64.6 52.1 78.1
154 68.6 47.9 71.9





#55

Dibenzofuran

Concen: 20.162 ng

RT: 10.127 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

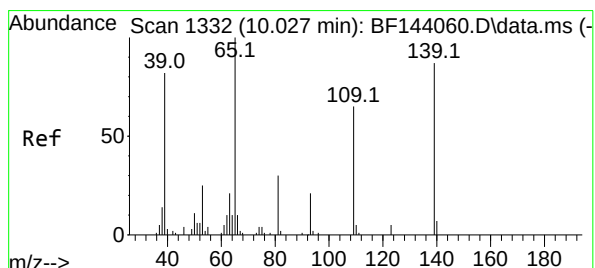
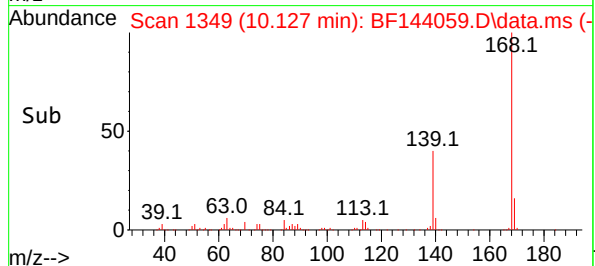
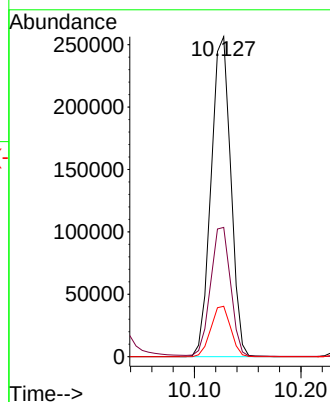
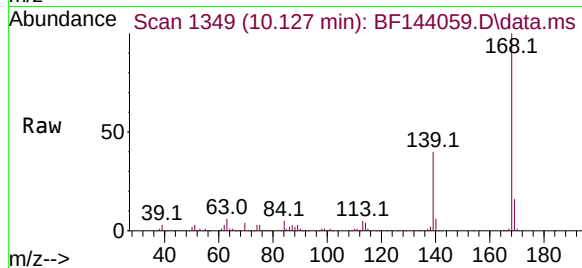
Tgt Ion:168 Resp: 329079

Ion Ratio Lower Upper

168 100

139 40.4 33.2 49.8

169 15.7 12.6 19.0



#56

4-Nitrophenol

Concen: 20.402 ng

RT: 10.027 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

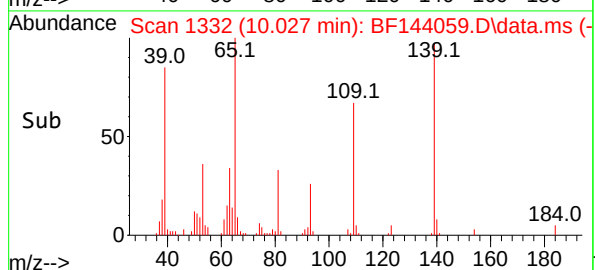
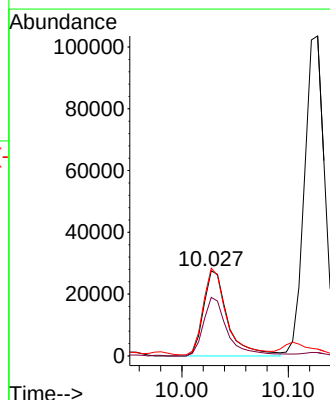
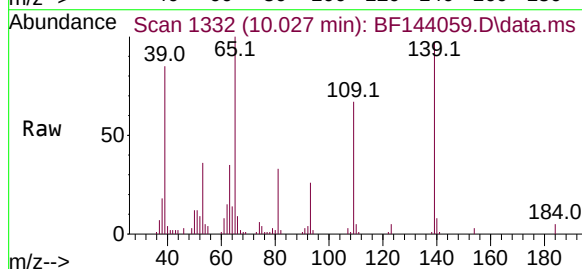
Tgt Ion:139 Resp: 43333

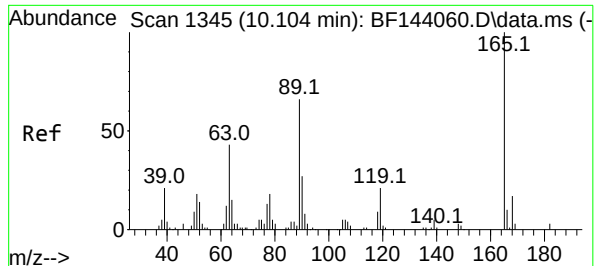
Ion Ratio Lower Upper

139 100

109 68.6 53.8 93.8

65 103.2 95.9 135.9

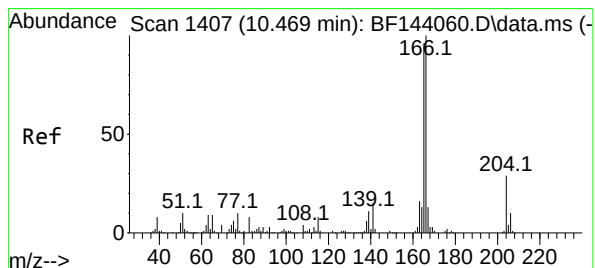
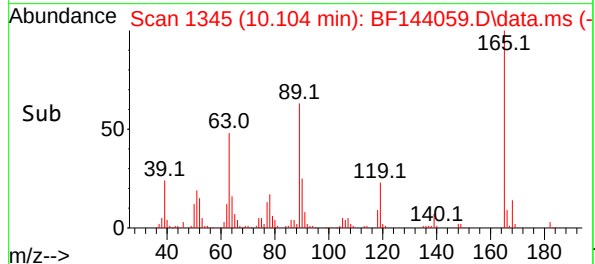
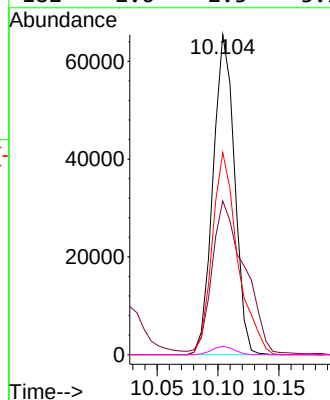
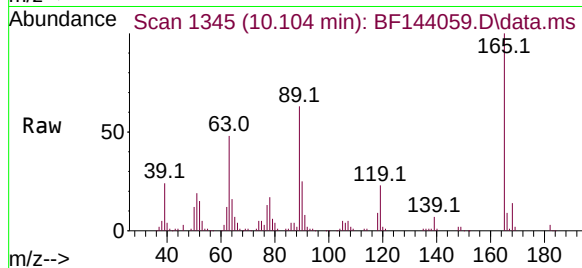




#57
2,4-Dinitrotoluene
Concen: 21.160 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

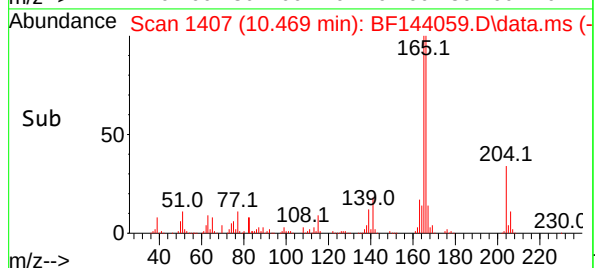
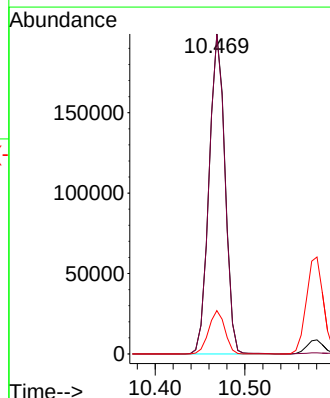
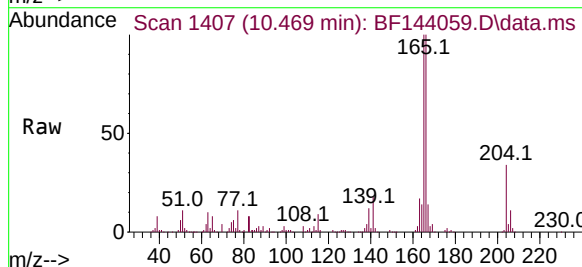
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

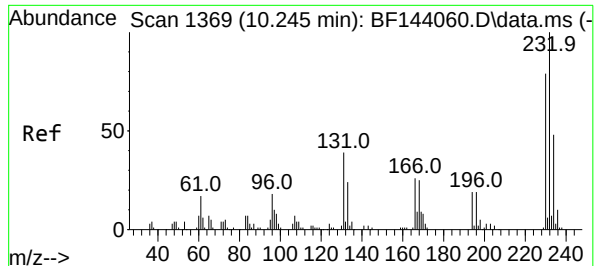
Tgt Ion	165	Resp	80566
Ion Ratio	Lower	Upper	
165	100		
63	48.1	35.4	53.2
89	63.1	52.7	79.1
182	2.6	2.3	3.5



#58
Fluorene
Concen: 19.841 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion	166	Resp	246753
Ion Ratio	Lower	Upper	
166	100		
165	99.8	77.0	115.4
167	13.5	10.2	15.4

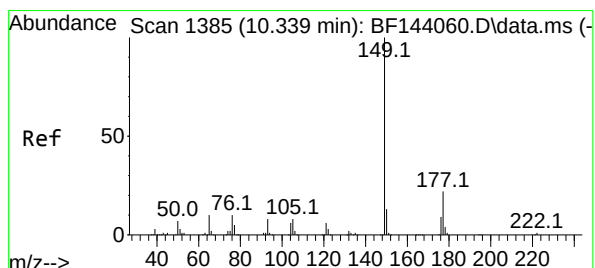
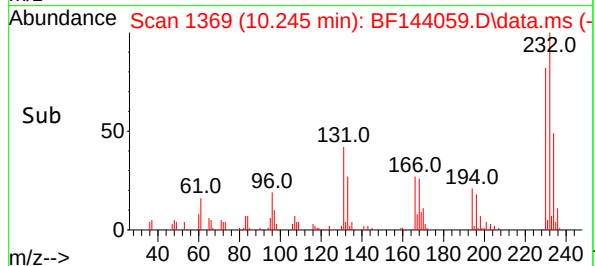
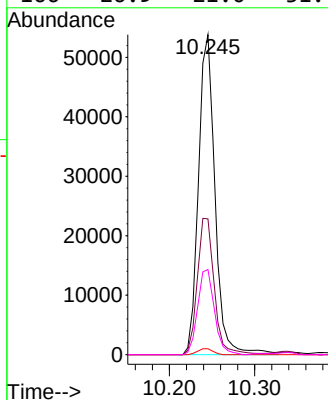
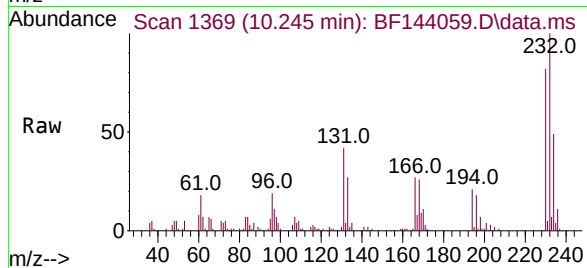




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.172 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

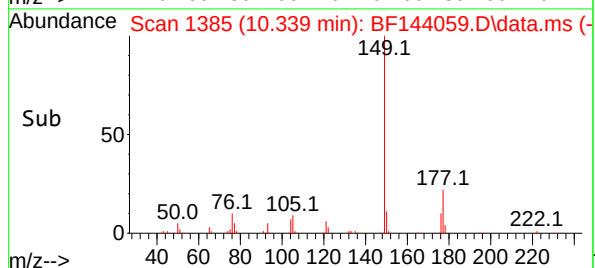
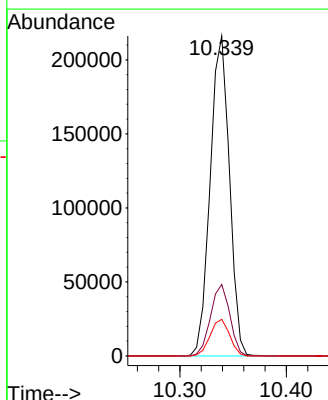
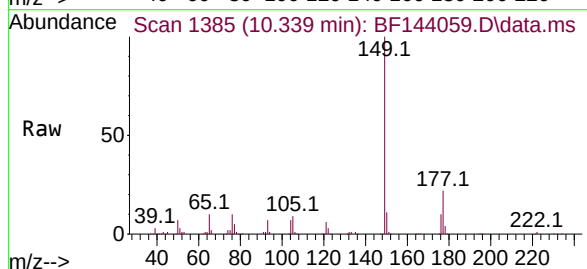
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

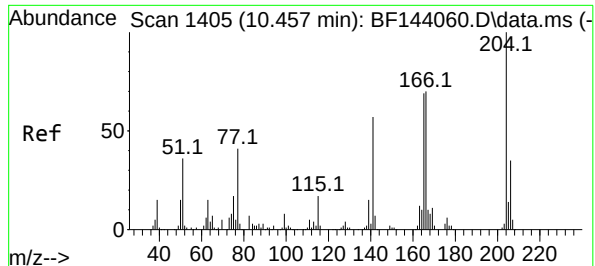
Tgt Ion:232 Resp: 72554
Ion Ratio Lower Upper
232 100
131 43.5 31.9 47.9
130 1.7 1.1 1.7#
166 26.9 21.0 31.4



#60
Diethylphthalate
Concen: 20.184 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:149 Resp: 270864
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 11.4 10.1 15.1

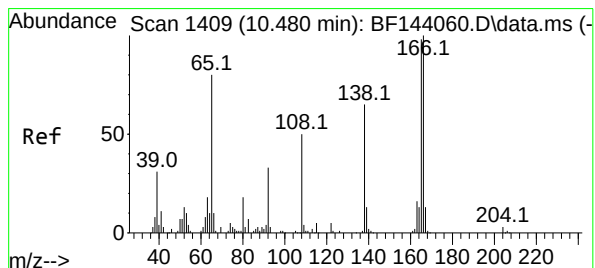
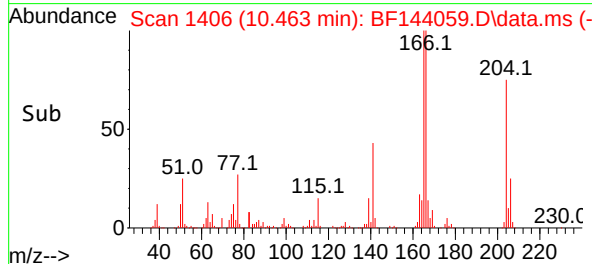
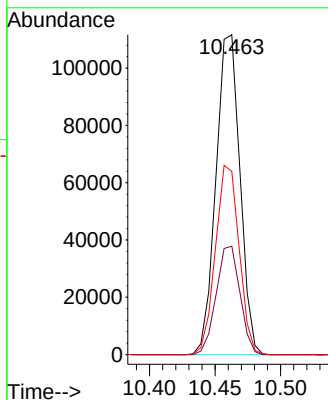
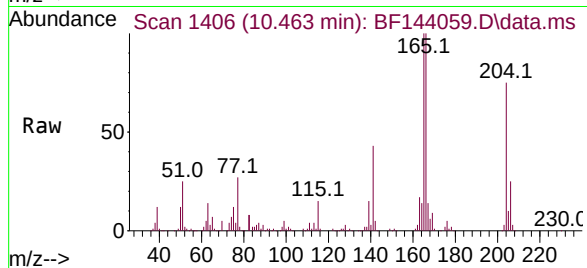




#61
4-Chlorophenyl-phenylether
Concen: 20.406 ng
RT: 10.463 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

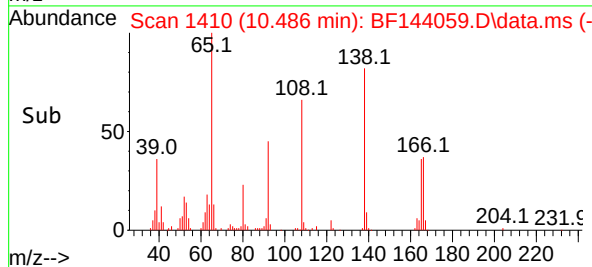
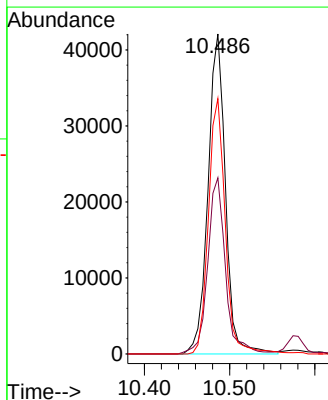
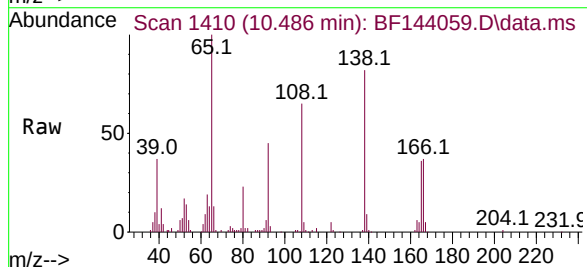
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

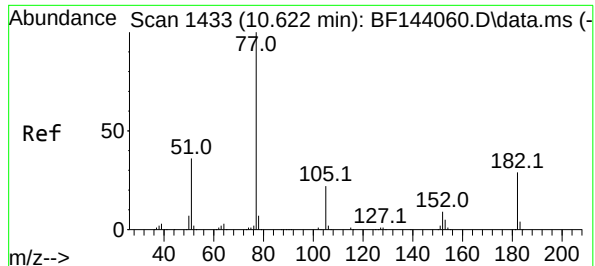
Tgt Ion:204 Resp: 142719
Ion Ratio Lower Upper
204 100
206 33.9 27.8 41.6
141 57.2 45.4 68.2



#62
4-Nitroaniline
Concen: 20.157 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:138 Resp: 59903
Ion Ratio Lower Upper
138 100
92 55.0 30.5 70.5
108 79.8 56.2 96.2

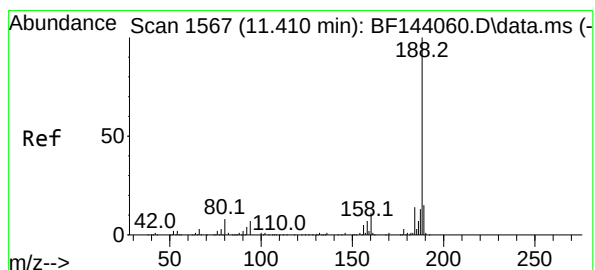
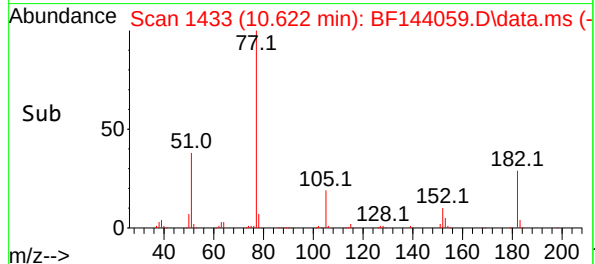
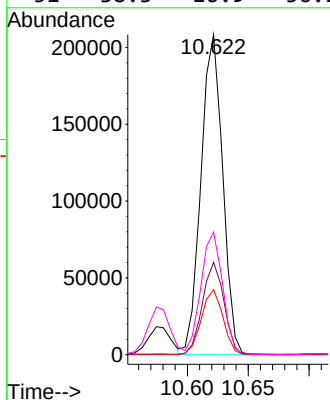
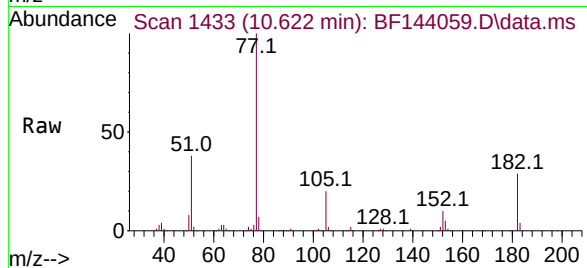




#63
Azobenzene
Concen: 20.346 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

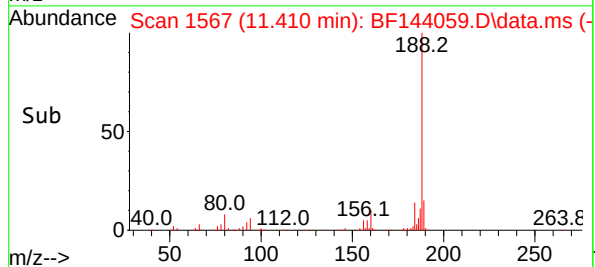
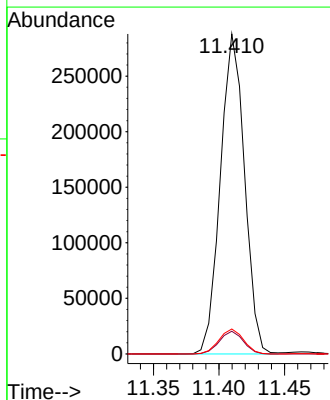
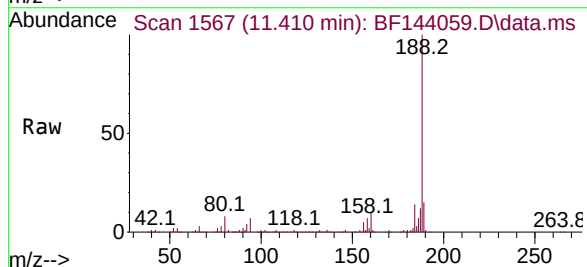
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

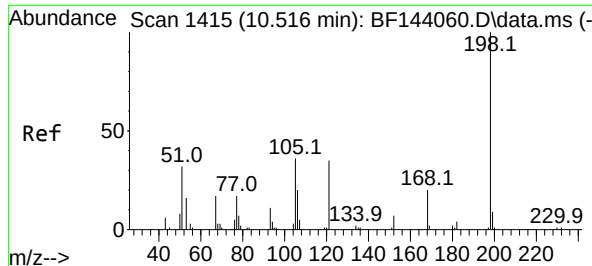
Tgt Ion: 77 Resp: 258435
Ion Ratio Lower Upper
77 100
182 28.8 9.0 49.0
105 20.3 1.4 41.4
51 38.3 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion: 188 Resp: 369584
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.8 6.0 9.0

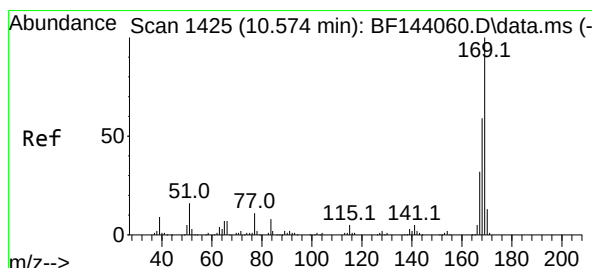
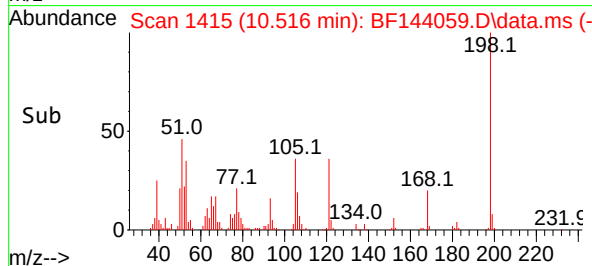
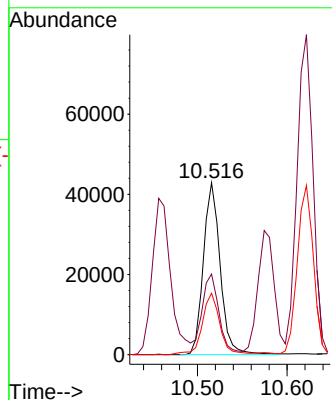
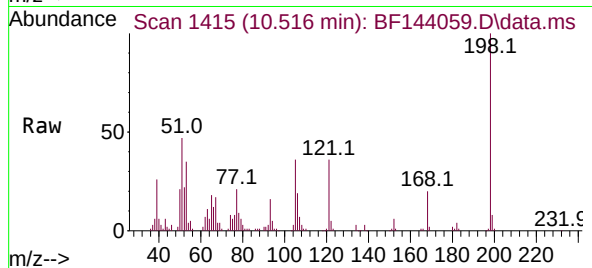




#65
4,6-Dinitro-2-methylphenol
Concen: 23.553 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

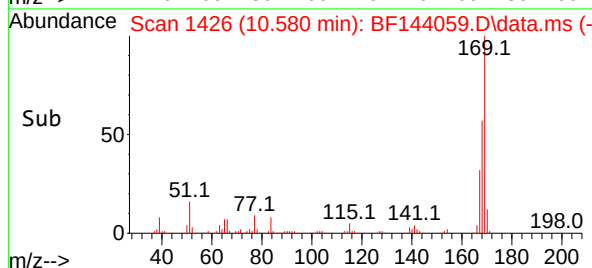
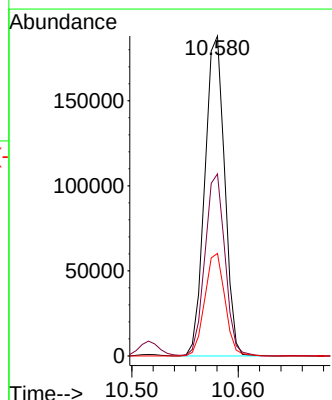
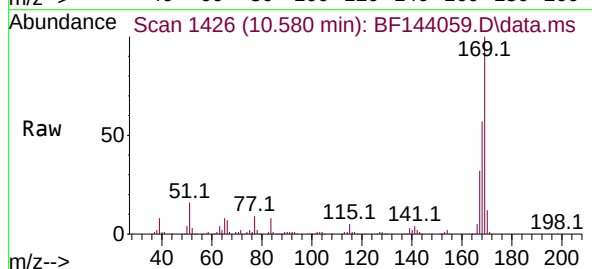
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

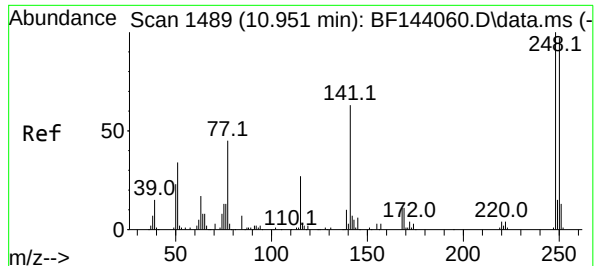
Tgt Ion	Ratio	Lower	Upper
198	100		
51	46.8	25.8	65.8
105	35.7	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 20.563 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	56.9	47.4	71.2
167	32.0	25.5	38.3

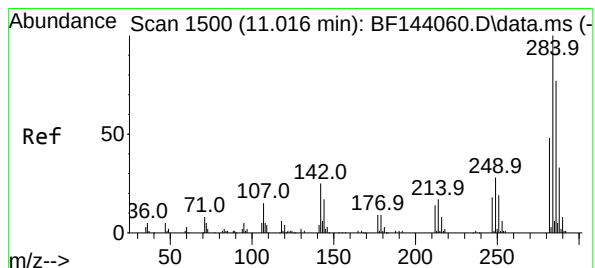
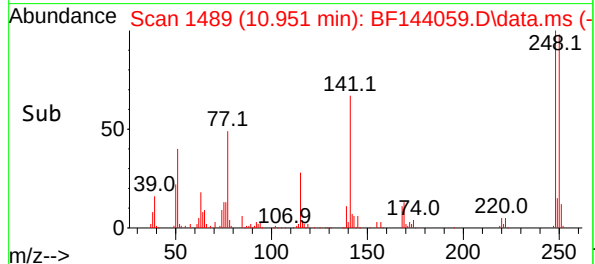
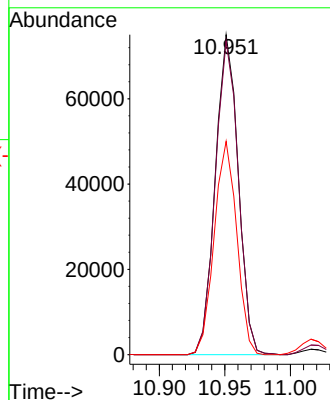
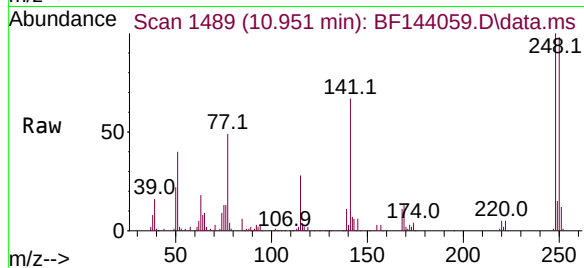




#67
4-Bromophenyl-phenylether
Concen: 19.753 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

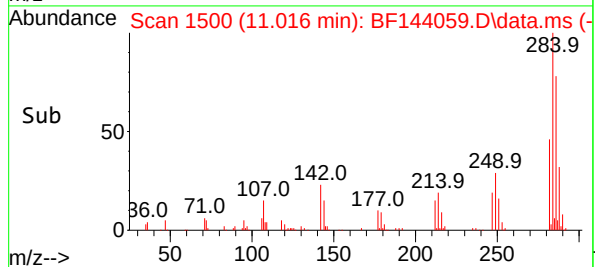
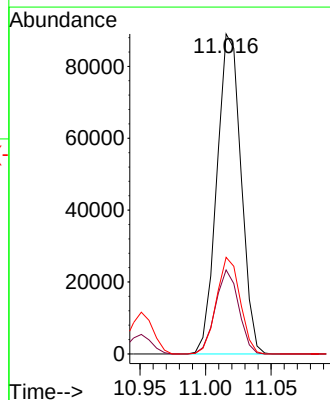
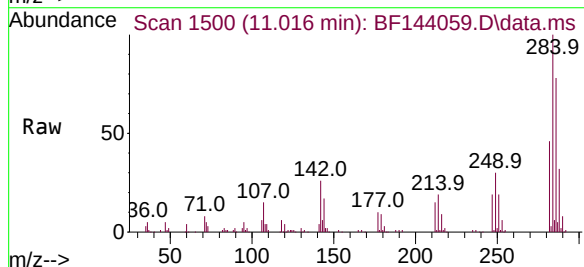
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

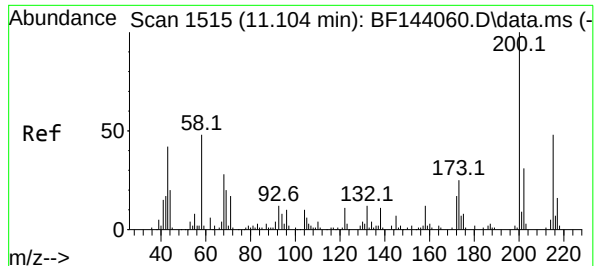
Tgt Ion:248 Resp: 91405
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.6
141 66.6 50.5 75.7



#68
Hexachlorobenzene
Concen: 20.141 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:284 Resp: 114304
Ion Ratio Lower Upper
284 100
142 26.3 20.0 30.0
249 30.2 22.2 33.2





#69

Atrazine

Concen: 20.818 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

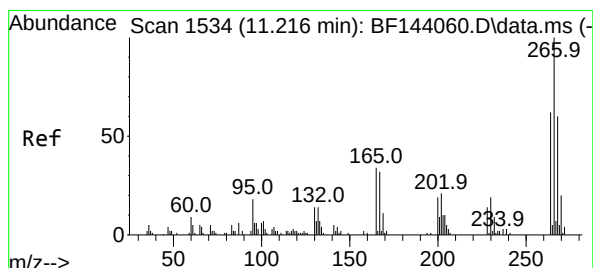
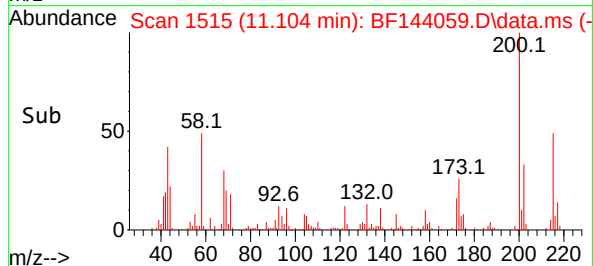
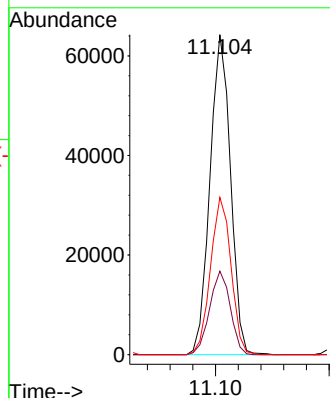
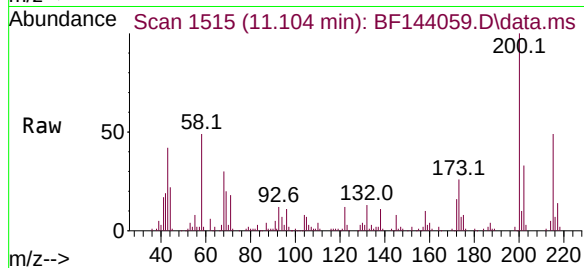
Tgt Ion:200 Resp: 80666

Ion Ratio Lower Upper

200 100

173 26.1 4.9 44.9

215 49.1 28.2 68.2



#70

Pentachlorophenol

Concen: 20.449 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

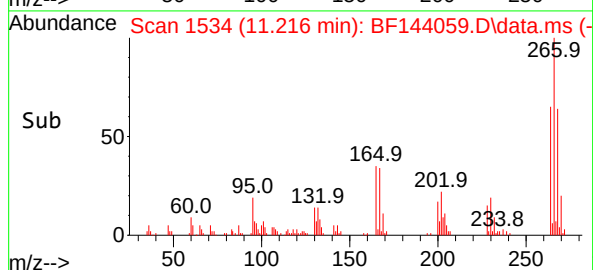
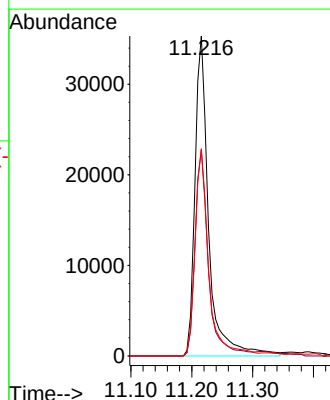
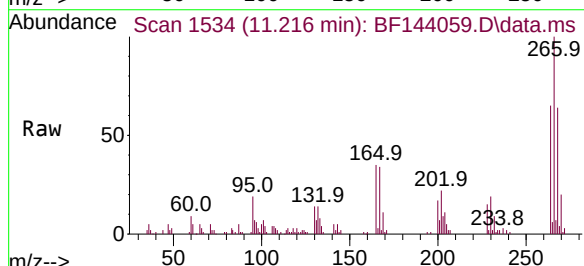
Tgt Ion:266 Resp: 55240

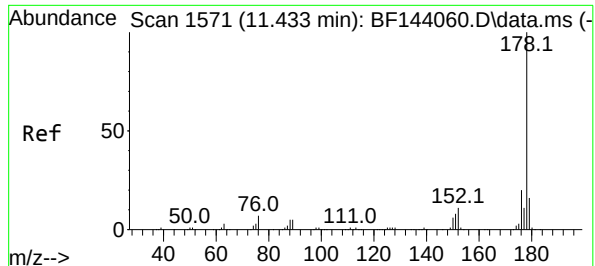
Ion Ratio Lower Upper

266 100

268 64.3 48.2 72.4

264 64.7 49.4 74.0

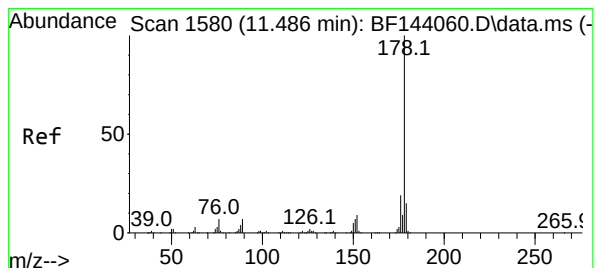
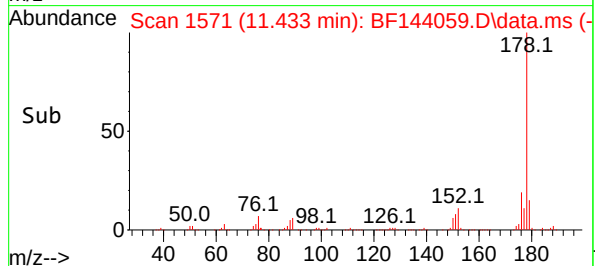
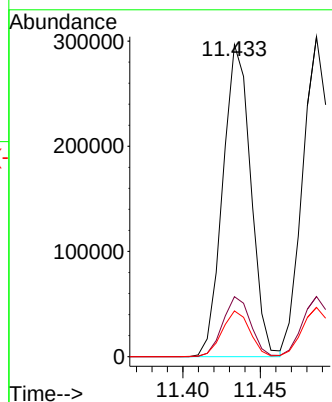
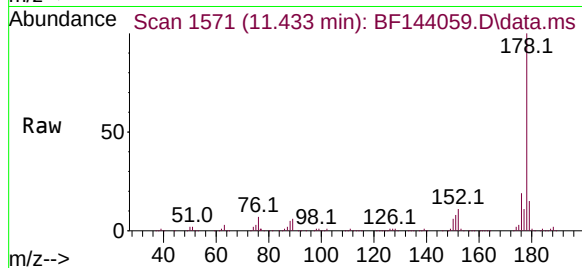




#71
Phenanthrene
Concen: 20.315 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

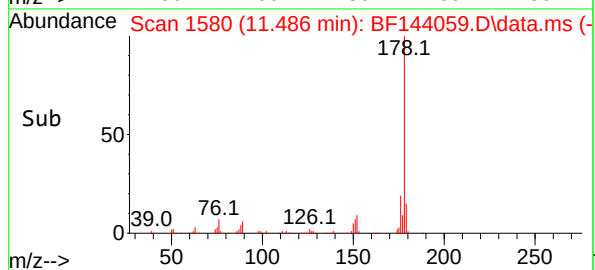
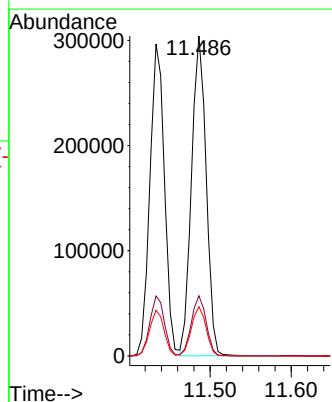
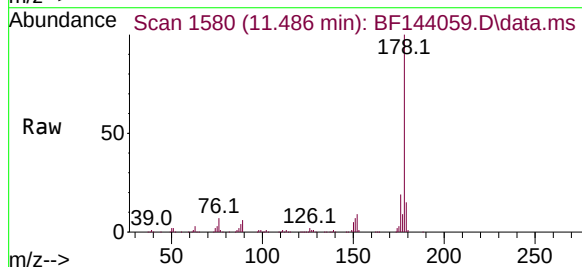
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

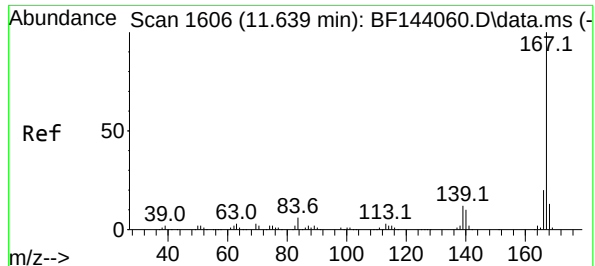
Tgt Ion:178 Resp: 372967
Ion Ratio Lower Upper
178 100
176 19.2 16.3 24.5
179 14.6 12.6 18.8



#72
Anthracene
Concen: 20.060 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

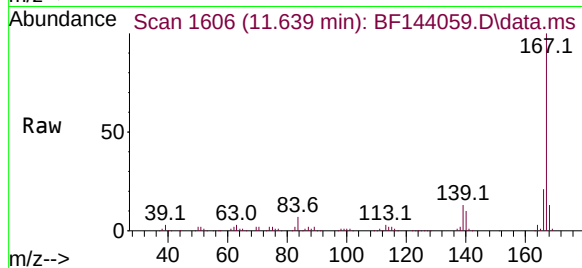
Tgt Ion:178 Resp: 380455
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.4 11.8 17.6



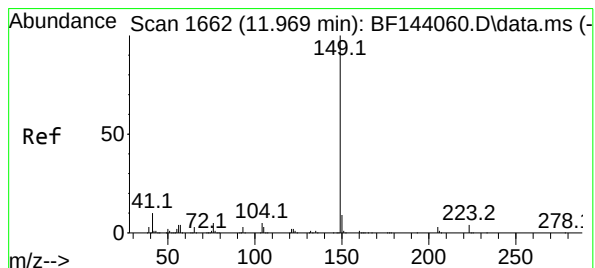
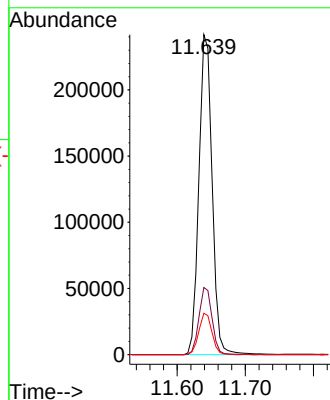
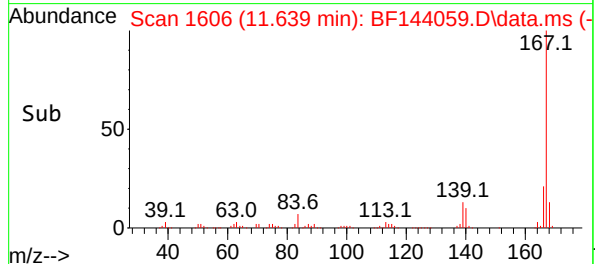


#73
Carbazole
Concen: 20.225 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

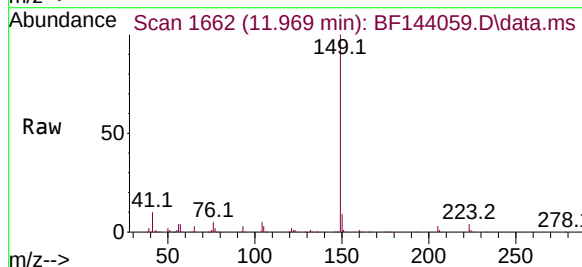
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



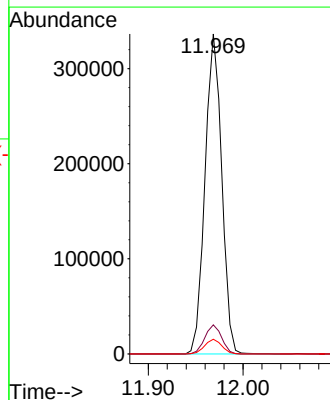
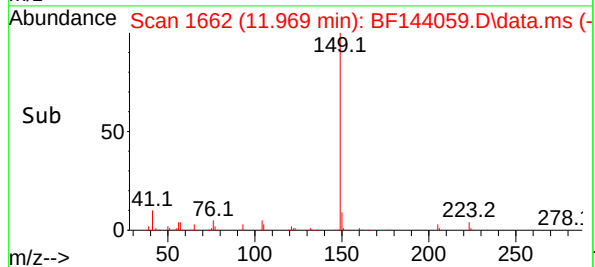
Tgt Ion:167 Resp: 326491
Ion Ratio Lower Upper
167 100
166 21.0 16.1 24.1
139 12.9 9.8 14.6

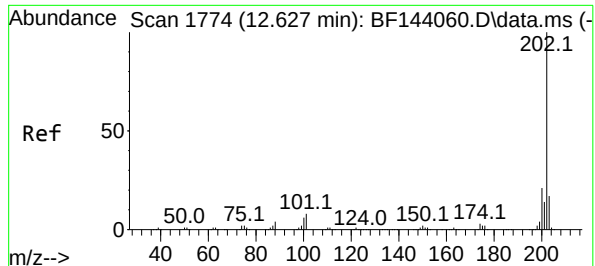


#74
Di-n-butylphthalate
Concen: 20.841 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36



Tgt Ion:149 Resp: 412471
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.6 3.6 5.4

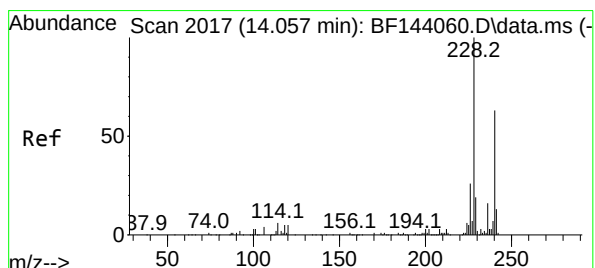
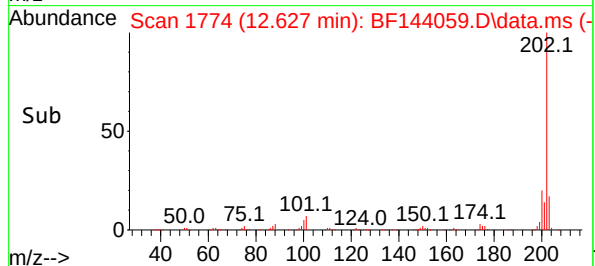
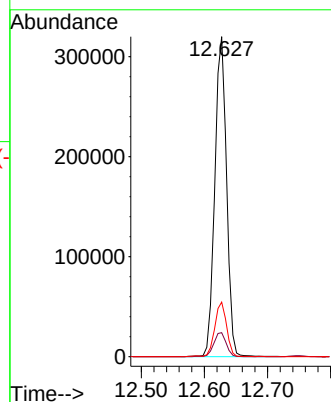
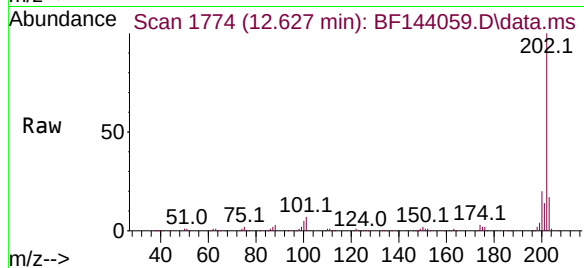




#75
Fluoranthene
Concen: 20.430 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

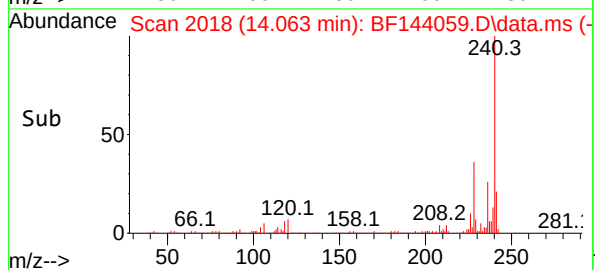
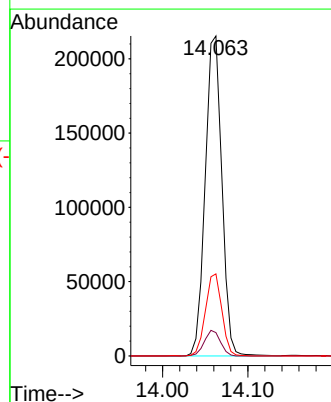
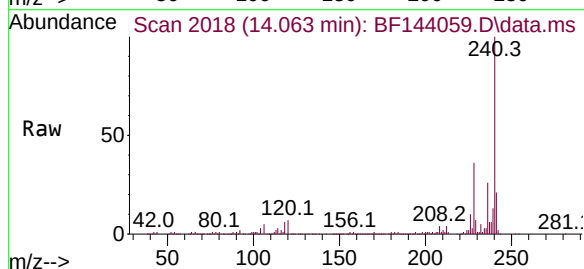
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

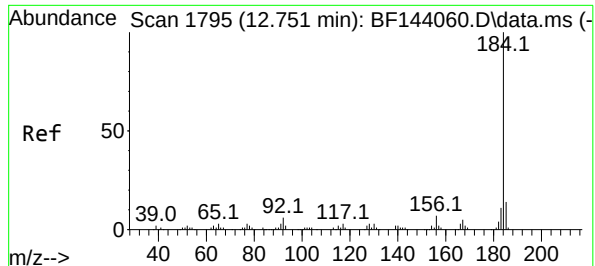
Tgt Ion:202 Resp: 414382
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 17.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:240 Resp: 292368
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 25.6 20.1 30.1





#77

Benzidine

Concen: 19.736 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

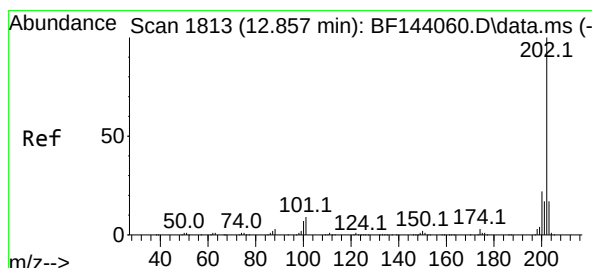
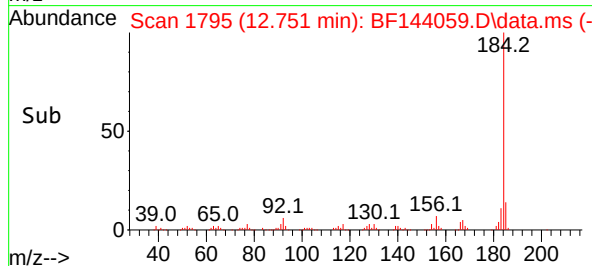
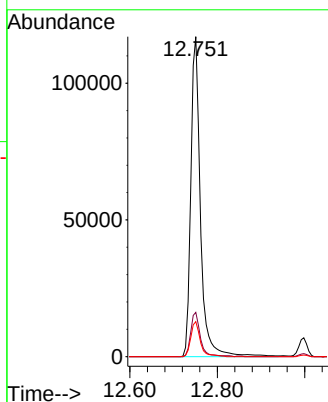
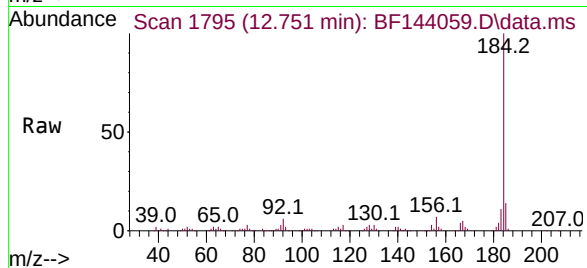
Tgt Ion:184 Resp: 179581

Ion Ratio Lower Upper

184 100

185 13.8 11.6 17.4

183 10.9 8.5 12.7



#78

Pyrene

Concen: 19.831 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

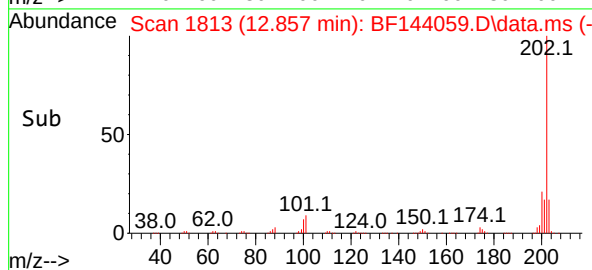
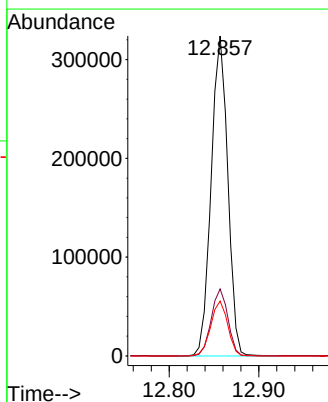
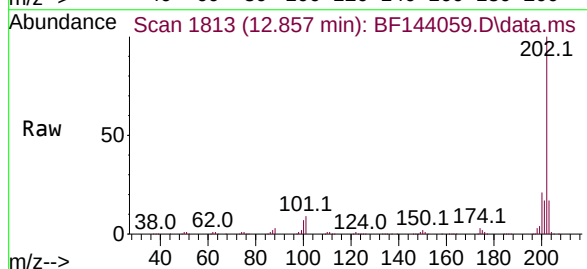
Tgt Ion:202 Resp: 416839

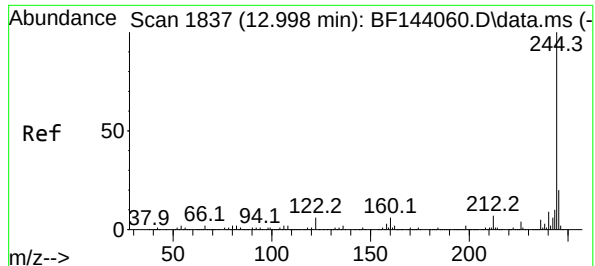
Ion Ratio Lower Upper

202 100

200 20.9 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 39.189 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

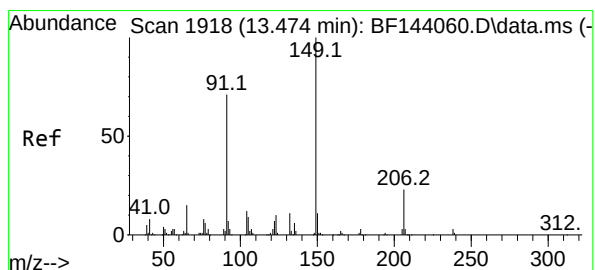
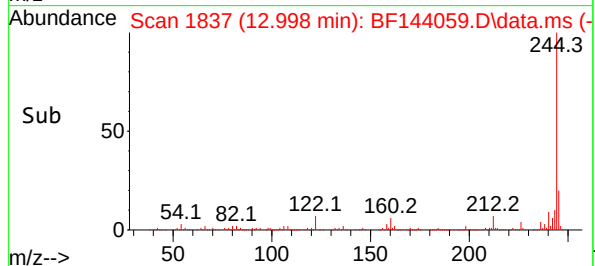
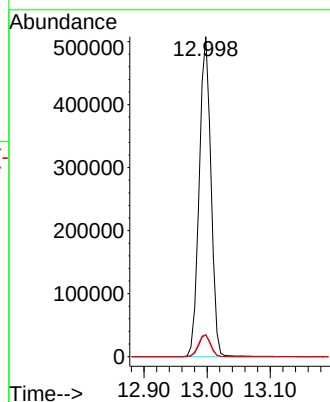
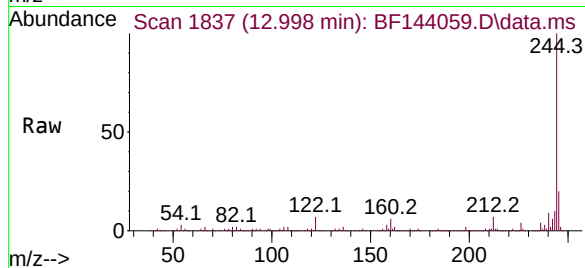
Tgt Ion:244 Resp: 655393

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 6.8 4.9 7.3



#80

Butylbenzylphthalate

Concen: 20.827 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

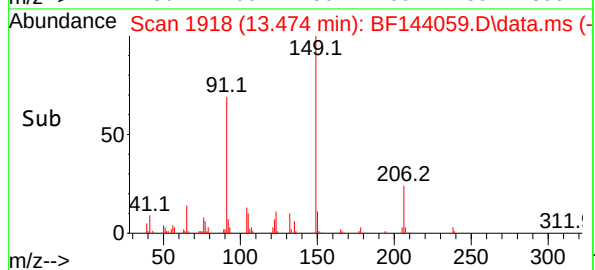
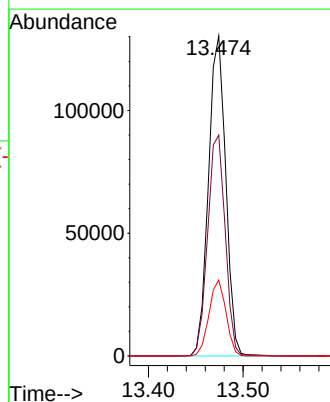
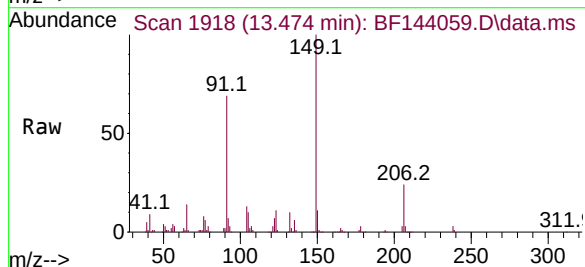
Tgt Ion:149 Resp: 165613

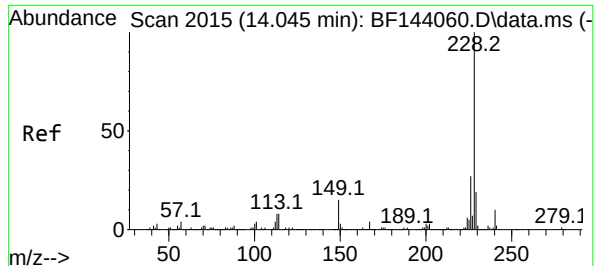
Ion Ratio Lower Upper

149 100

91 69.0 56.6 84.8

206 23.7 18.3 27.5

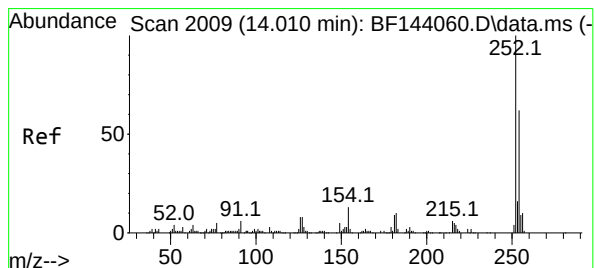
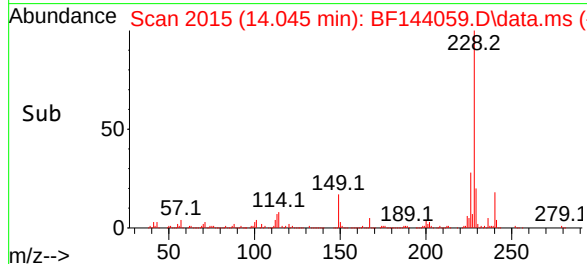
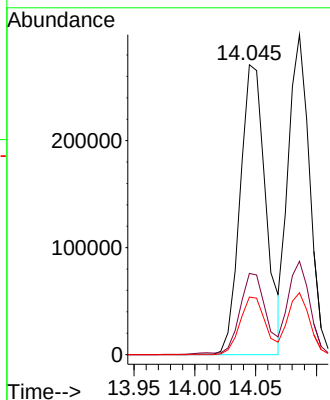
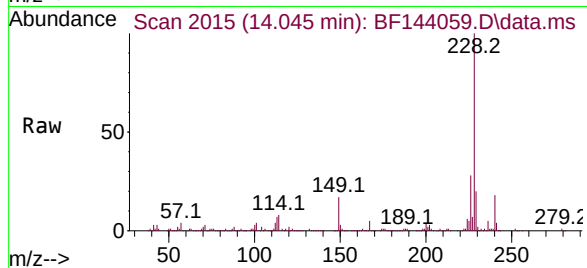




#81
Benzo(a)anthracene
Concen: 20.114 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

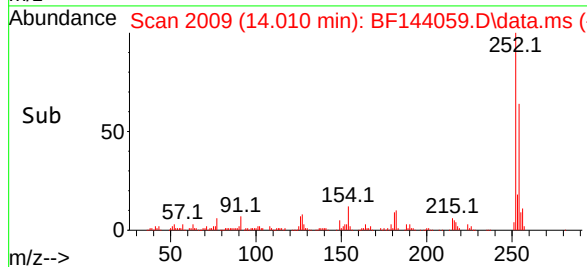
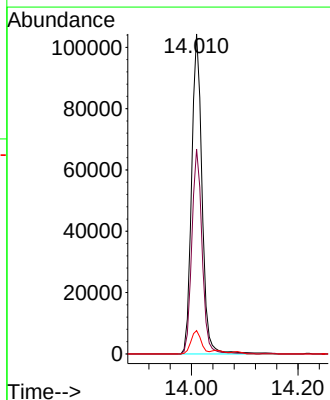
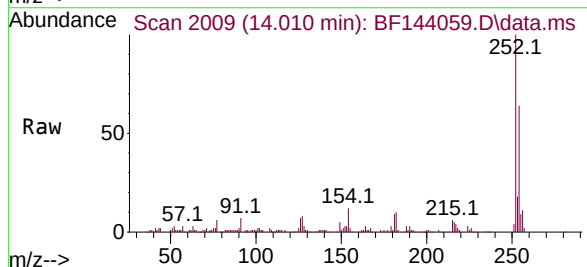
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

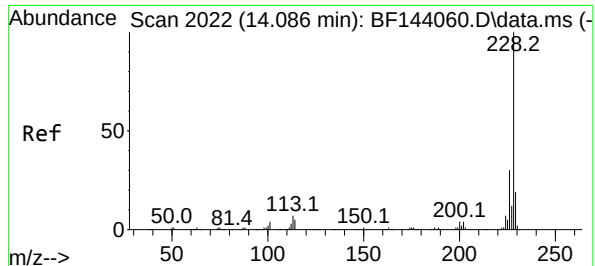
Tgt Ion:228 Resp: 397414
Ion Ratio Lower Upper
228 100
226 28.0 21.4 32.2
229 19.9 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 20.599 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:252 Resp: 141681
Ion Ratio Lower Upper
252 100
254 64.0 49.9 74.9
126 7.3 6.5 9.7





#83

Chrysene

Concen: 19.753 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

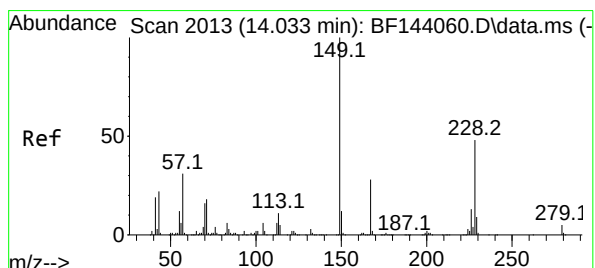
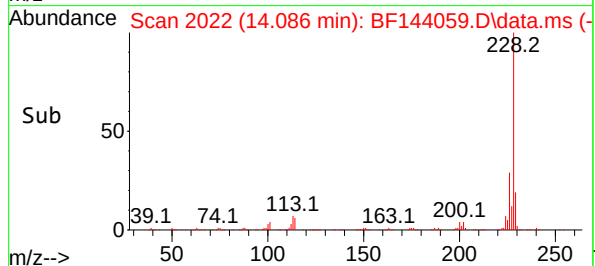
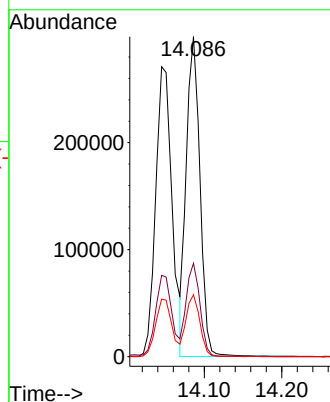
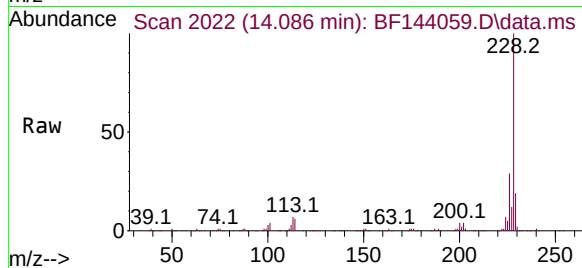
Tgt Ion:228 Resp: 366241

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.3 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.491 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

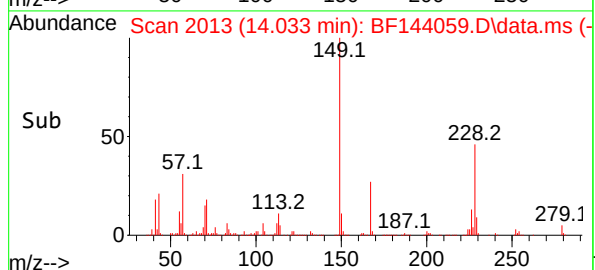
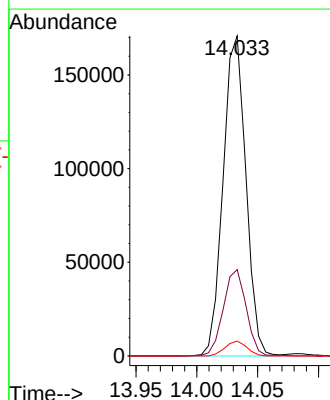
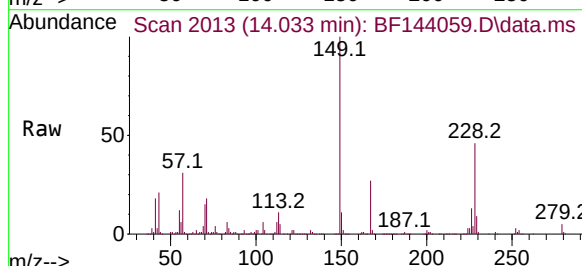
Tgt Ion:149 Resp: 222446

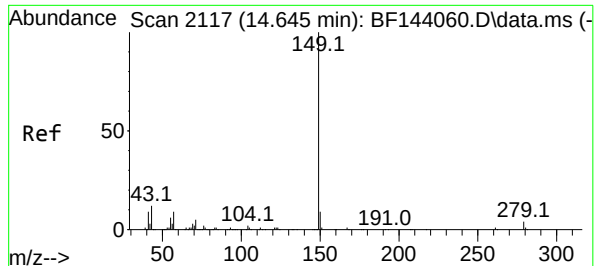
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

279 4.6 3.6 5.4

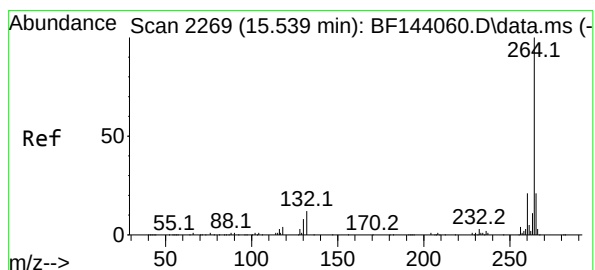
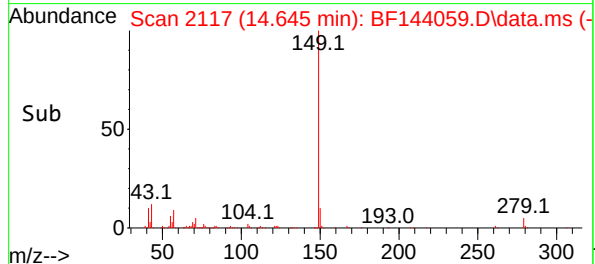
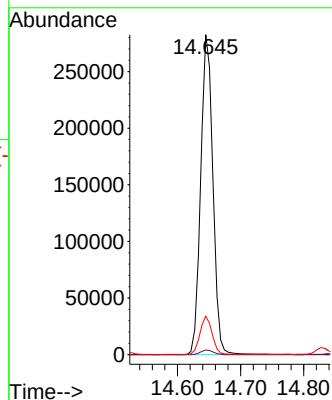
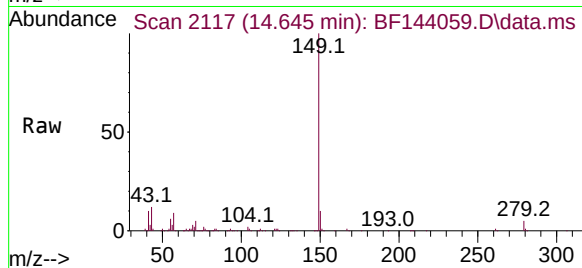




#85
Di-n-octyl phthalate
Concen: 20.284 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

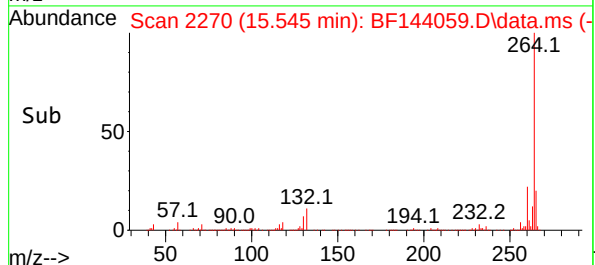
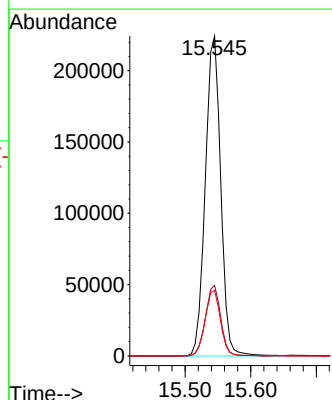
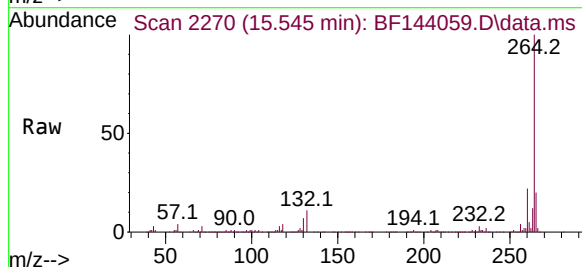
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

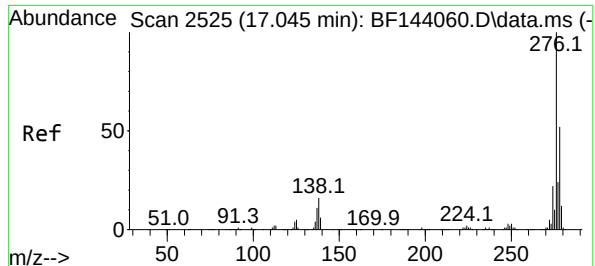
Tgt Ion:149 Resp: 378673
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.2 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:264 Resp: 364339
Ion Ratio Lower Upper
264 100
260 22.0 17.0 25.4
265 20.4 16.6 24.8

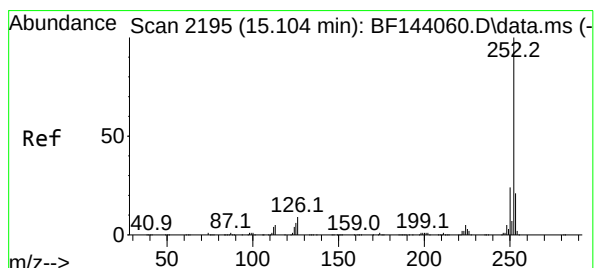
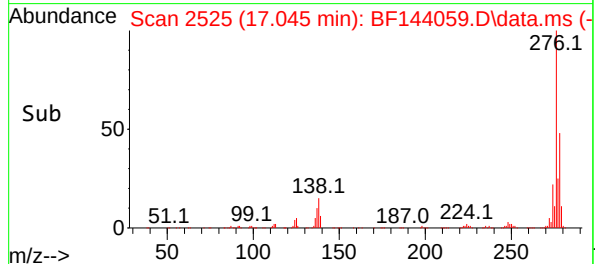
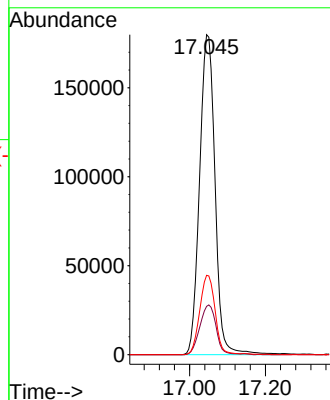
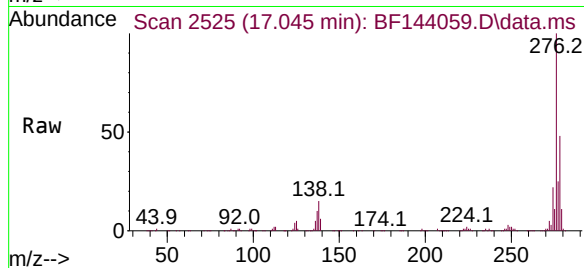




#87
Indeno(1,2,3-cd)pyrene
Concen: 20.307 ng
RT: 17.045 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

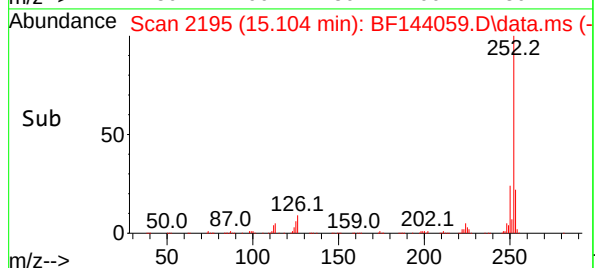
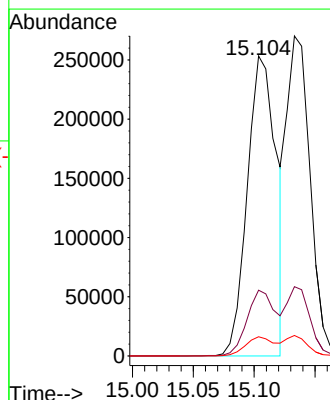
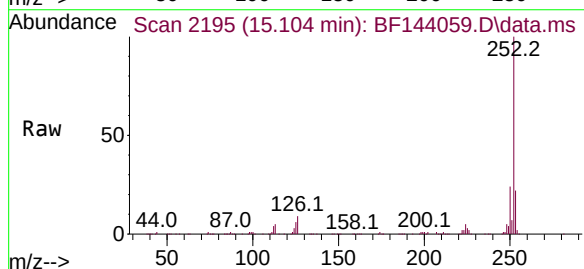
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

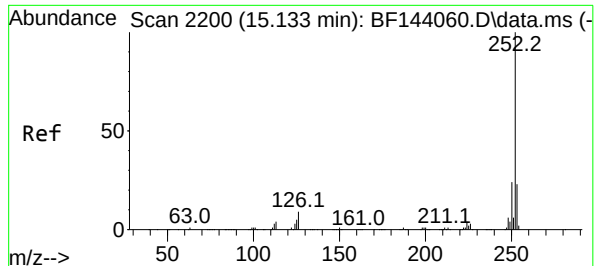
Tgt Ion:276 Resp: 507947
Ion Ratio Lower Upper
276 100
138 16.3 13.0 19.6
277 24.5 19.4 29.0



#88
Benzo(b)fluoranthene
Concen: 20.396 ng
RT: 15.104 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:252 Resp: 420103
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 6.4 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 19.372 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

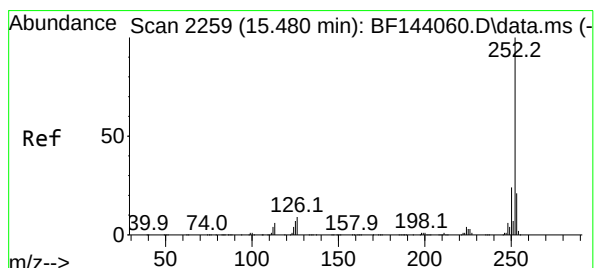
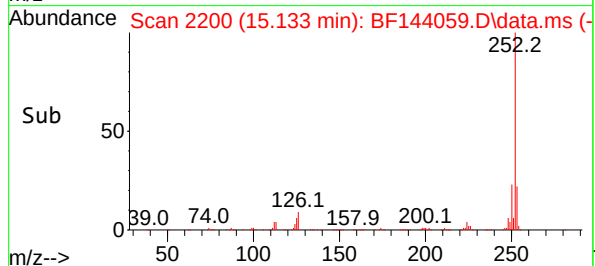
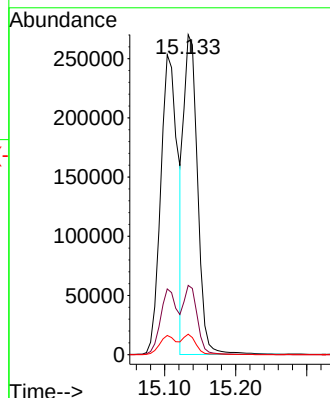
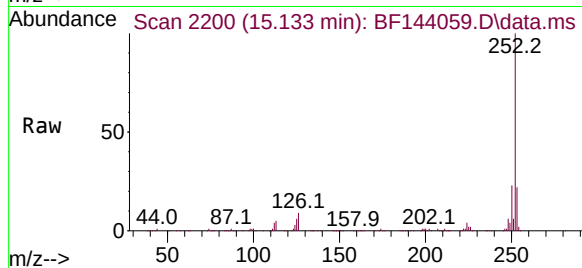
Tgt Ion:252 Resp: 368139

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.4 4.9 7.3



#90

Benzo(a)pyrene

Concen: 20.423 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144059.D

Acq: 24 Oct 2025 12:36

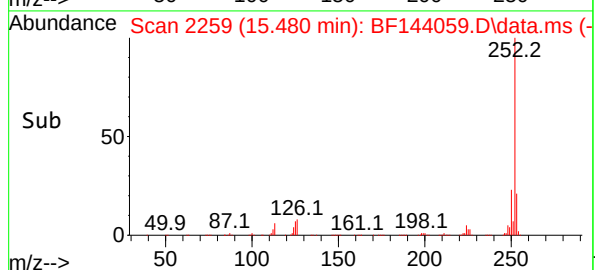
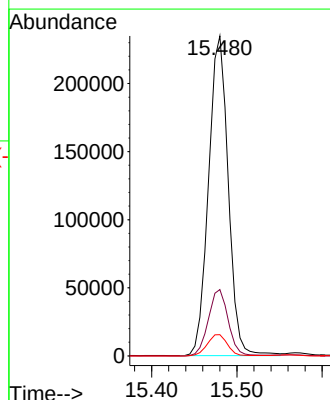
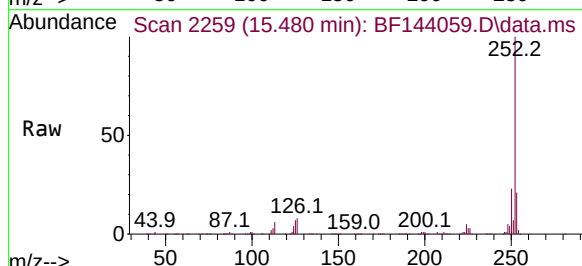
Tgt Ion:252 Resp: 377387

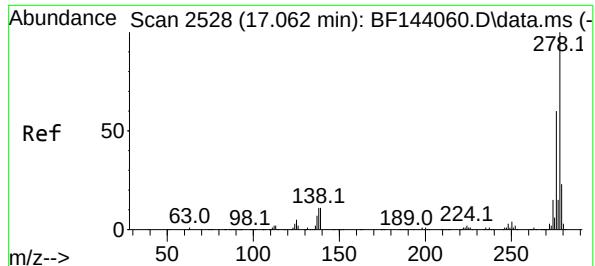
Ion Ratio Lower Upper

252 100

253 20.7 17.1 25.7

125 6.6 5.4 8.2

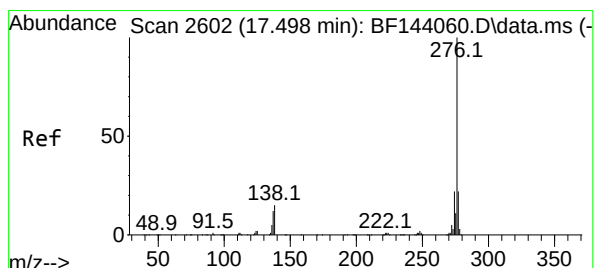
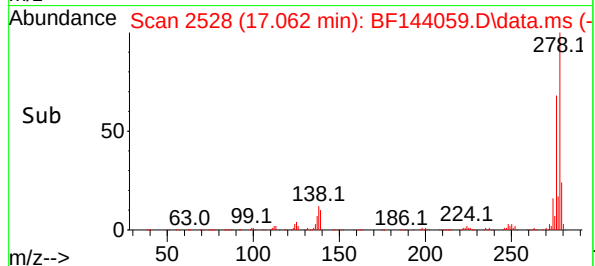
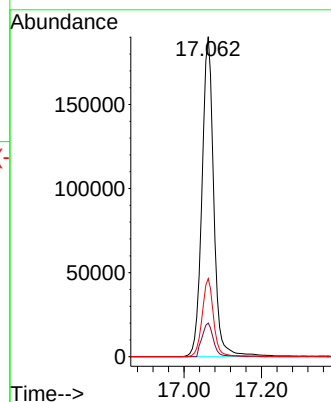
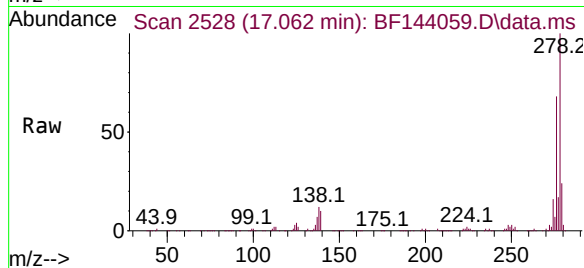




#91
Dibenzo(a,h)anthracene
Concen: 20.364 ng
RT: 17.062 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

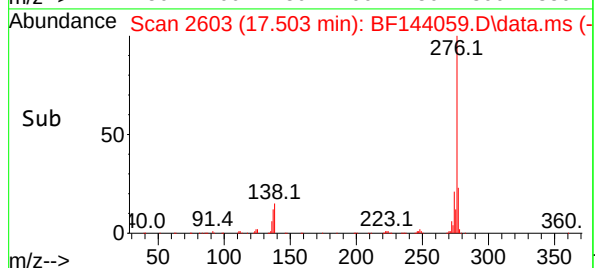
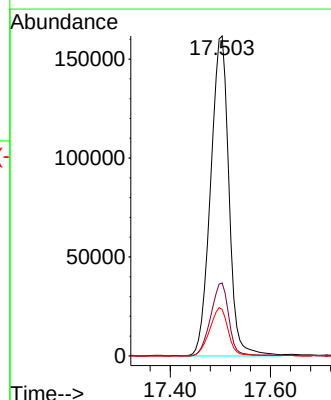
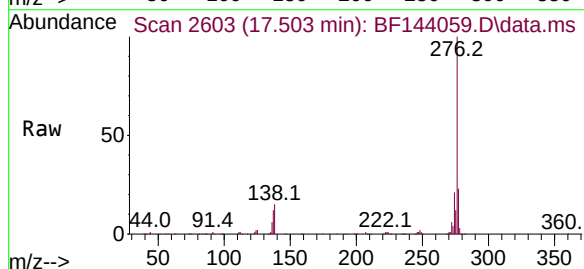
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 403214
Ion Ratio Lower Upper
278 100
139 10.5 8.5 12.7
279 24.4 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 20.563 ng
RT: 17.503 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF144059.D
Acq: 24 Oct 2025 12:36

Tgt Ion:276 Resp: 409358
Ion Ratio Lower Upper
276 100
277 22.8 17.9 26.9
138 14.6 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144060.D
 Acq On : 24 Oct 2025 13:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Oct 24 17:03:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	49457	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	178191	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	91554	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	159613	20.000	ng	0.00
76) Chrysene-d12	14.057	240	123616	20.000	ng	0.00
86) Perylene-d12	15.539	264	152855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	257786	82.465	ng	0.00
7) Phenol-d6	6.504	99	278572	80.690	ng	0.00
23) Nitrobenzene-d5	7.439	82	262114	80.590	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95908	82.238	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	531491	81.692	ng	0.00
79) Terphenyl-d14	12.998	244	599175	84.737	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	54397	40.269	ng	100
3) Pyridine	3.398	79	151037	41.765	ng	100
4) n-Nitrosodimethylamine	3.346	42	90217	40.599	ng	100
6) Aniline	6.539	93	199395	40.371	ng	100
8) 2-Chlorophenol	6.663	128	123726	40.190	ng	100
9) Benzaldehyde	6.434	77	103170	38.490	ng	100
10) Phenol	6.522	94	171675	40.307	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	123456	40.113	ng	100
12) 1,3-Dichlorobenzene	6.822	146	154816	40.768	ng	100
13) 1,4-Dichlorobenzene	6.898	146	153441	41.000	ng	100
14) 1,2-Dichlorobenzene	7.051	146	146404	40.430	ng	100
15) Benzyl Alcohol	7.016	79	113241	40.340	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	235025	40.632	ng	100
17) 2-Methylphenol	7.128	107	92050	38.877	ng	100
18) Hexachloroethane	7.392	117	53836	40.236	ng	100
19) n-Nitroso-di-n-propyla...	7.286	70	86672	38.823	ng	100
20) 3+4-Methylphenols	7.281	107	115474	41.255	ng	100
22) Acetophenone	7.286	105	155572	40.399	ng	100
24) Nitrobenzene	7.463	77	139675	40.596	ng	100
25) Isophorone	7.698	82	229089	40.288	ng	100
26) 2-Nitrophenol	7.775	139	68074	41.591	ng	100
27) 2,4-Dimethylphenol	7.810	122	102275	42.049	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	144080	40.631	ng	100
29) 2,4-Dichlorophenol	8.016	162	115057	40.677	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	119224	40.971	ng	100
31) Naphthalene	8.186	128	344062	40.910	ng	100
32) Benzoic acid	7.916	122	51883	33.628	ng	100
33) 4-Chloroaniline	8.233	127	119889	40.949	ng	100
34) Hexachlorobutadiene	8.298	225	96082	40.380	ng	100
35) Caprolactam	8.592	113	30206	42.585	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	100429	40.234	ng	100
37) 2-Methylnaphthalene	8.875	142	229345	41.362	ng	100
38) 1-Methylnaphthalene	8.975	142	210460	40.062	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	129417	41.130	ng	100
41) Hexachlorocyclopentadiene	9.028	237	39857	41.012	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	86607	42.346	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144060.D
 Acq On : 24 Oct 2025 13:05
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

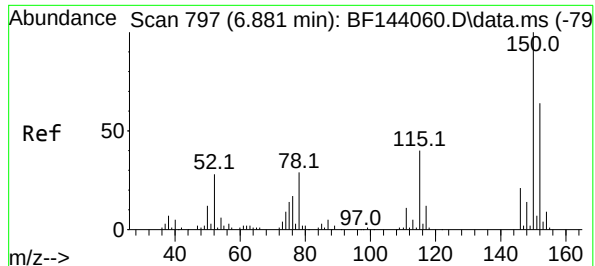
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	85520	39.842	ng	100
46) 1,1'-Biphenyl	9.339	154	269550	41.129	ng	100
47) 2-Chloronaphthalene	9.363	162	223762	40.753	ng	100
48) 2-Nitroaniline	9.457	65	69638	42.711	ng	100
49) Acenaphthylene	9.780	152	311770	42.112	ng	100
50) Dimethylphthalate	9.633	163	250045	41.666	ng	100
51) 2,6-Dinitrotoluene	9.698	165	50463	42.535	ng	100
52) Acenaphthene	9.951	154	203905	41.240	ng	100
53) 3-Nitroaniline	9.869	138	58978	44.713	ng	100
54) 2,4-Dinitrophenol	9.980	184	22640	35.283	ng	100
55) Dibenzofuran	10.122	168	285490	41.592	ng	100
56) 4-Nitrophenol	10.027	139	34191	38.279	ng	100
57) 2,4-Dinitrotoluene	10.104	165	70572	44.075	ng	100
58) Fluorene	10.469	166	217594	41.604	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	65926	43.585	ng	100
60) Diethylphthalate	10.339	149	236119	41.838	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	123596	42.022	ng	100
62) 4-Nitroaniline	10.480	138	54231	43.392	ng	100
63) Azobenzene	10.622	77	226383	42.381	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	39142	38.223	ng	100
66) n-Nitrosodiphenylamine	10.574	169	205138	40.226	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	83105	41.585	ng	100
68) Hexachlorobenzene	11.016	284	102619	41.869	ng	100
69) Atrazine	11.104	200	66524	39.753	ng	100
70) Pentachlorophenol	11.216	266	47778	40.953	ng	100
71) Phenanthrene	11.433	178	324774	40.961	ng	100
72) Anthracene	11.486	178	336252	41.053	ng	100
73) Carbazole	11.639	167	289029	41.458	ng	100
74) Di-n-butylphthalate	11.969	149	357025	41.770	ng	100
75) Fluoranthene	12.627	202	358431	40.917	ng	100
77) Benzidine	12.751	184	164527	42.766	ng	100
78) Pyrene	12.857	202	375923	42.300	ng	100
80) Butylbenzylphthalate	13.474	149	148621	44.204	ng	100
81) Benzo(a)anthracene	14.045	228	374791	44.863	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	126028	43.337	ng	100
83) Chrysene	14.086	228	326041	41.590	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	196471	42.805	ng	100
85) Di-n-octyl phthalate	14.645	149	345760	43.804	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	451467	43.020	ng	100
88) Benzo(b)fluoranthene	15.104	252	386268	44.700	ng	100
89) Benzo(k)fluoranthene	15.133	252	323867	40.621	ng	100
90) Benzo(a)pyrene	15.480	252	332791	42.927	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	356487	42.914	ng	100
92) Benzo(g,h,i)perylene	17.498	276	365458	43.758	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

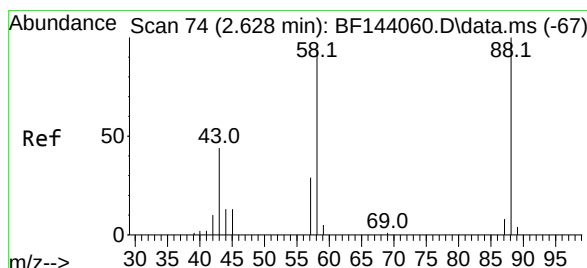
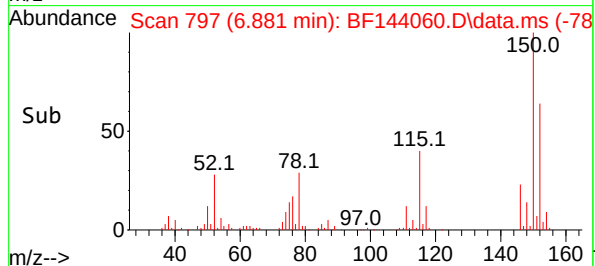
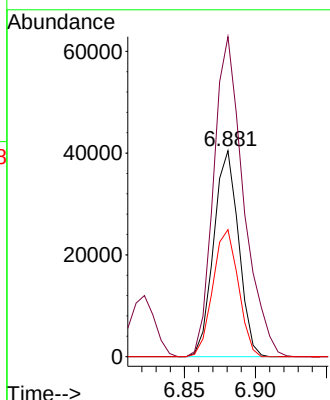
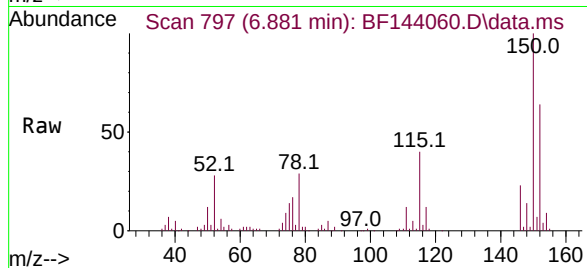
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

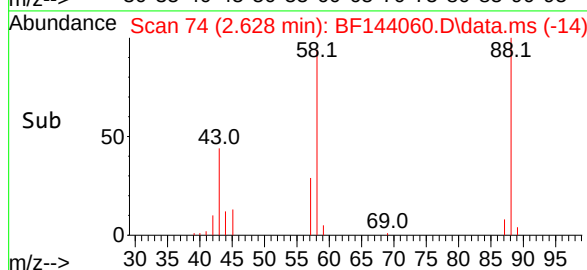
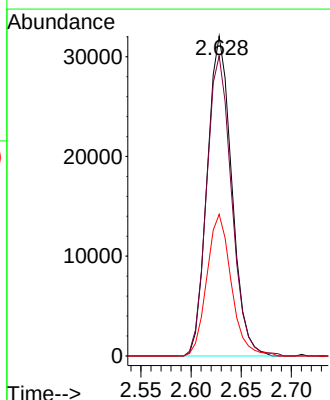
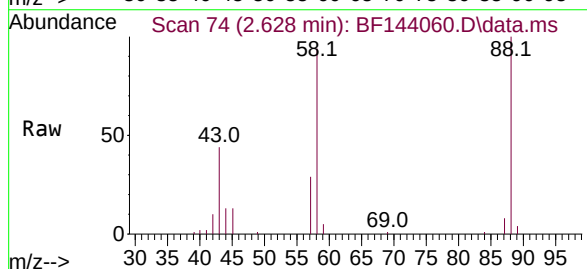
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

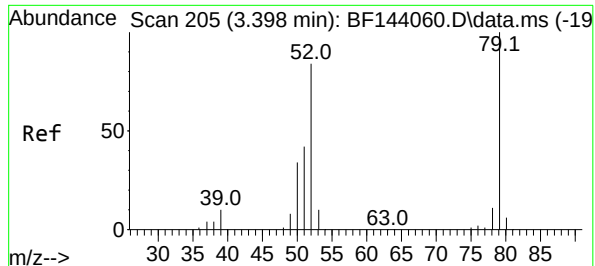
Tgt Ion:152 Resp: 49457
Ion Ratio Lower Upper
152 100
150 155.5 124.4 186.6
115 61.7 49.4 74.0



#2
1,4-Dioxane
Concen: 40.269 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 88 Resp: 54397
Ion Ratio Lower Upper
88 100
58 95.6 76.5 114.7
43 44.1 35.3 52.9

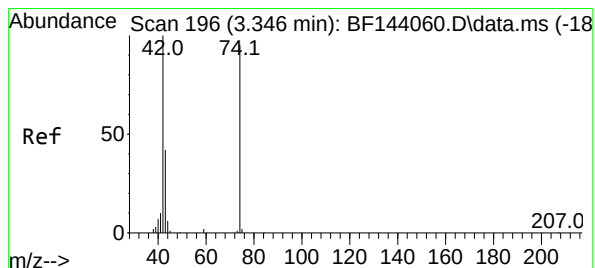
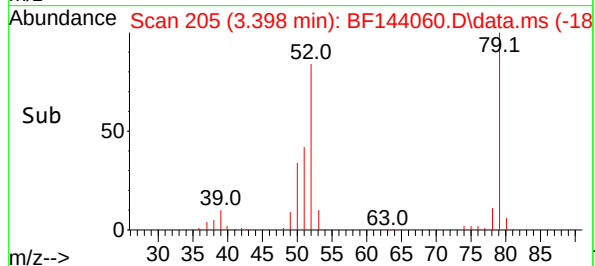
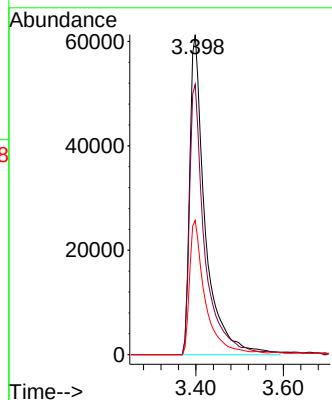
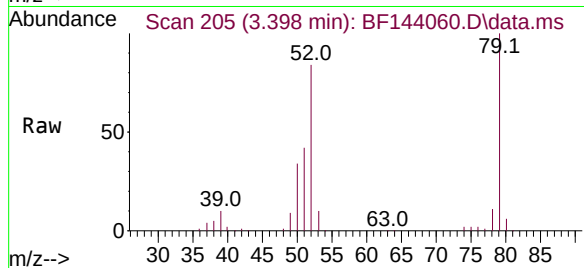




#3
Pyridine
Concen: 41.765 ng
RT: 3.398 min Scan# 205
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

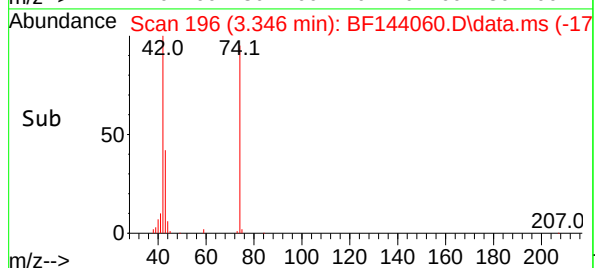
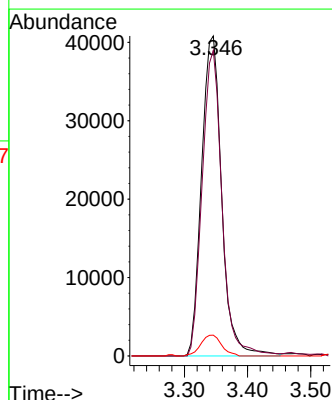
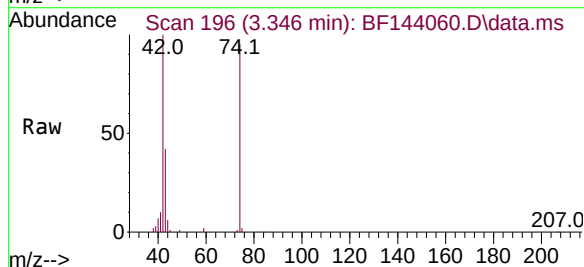
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

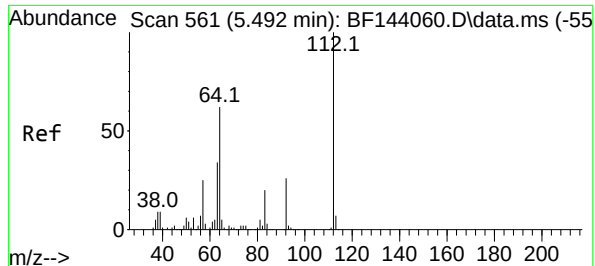
Tgt Ion: 79 Resp: 151037
Ion Ratio Lower Upper
79 100
52 84.4 67.5 101.3
51 42.0 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 40.599 ng
RT: 3.346 min Scan# 196
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 42 Resp: 90217
Ion Ratio Lower Upper
42 100
74 95.5 76.4 114.6
44 6.5 5.2 7.8

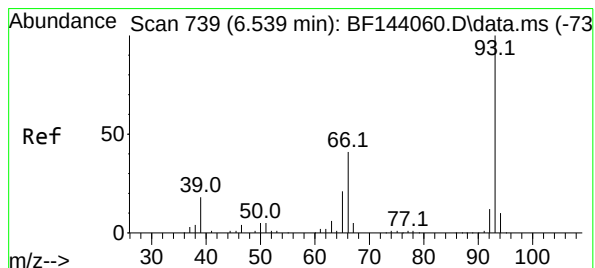
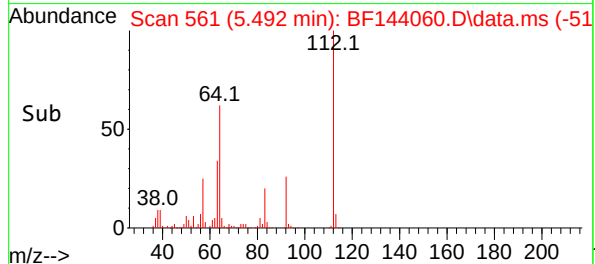
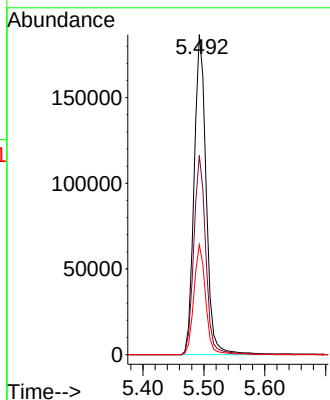
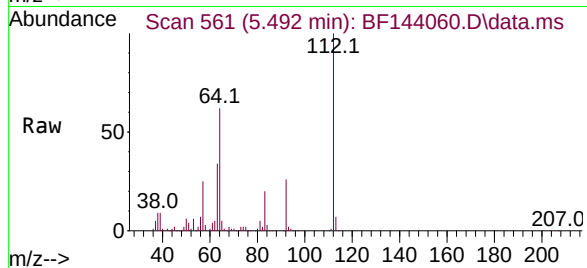




#5
2-Fluorophenol
Concen: 82.465 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

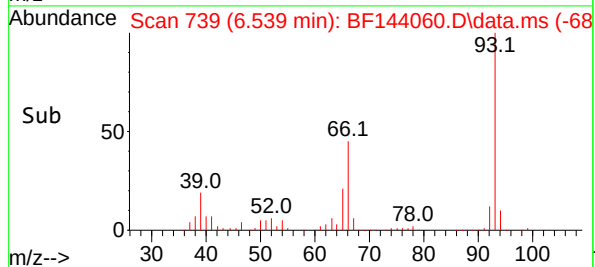
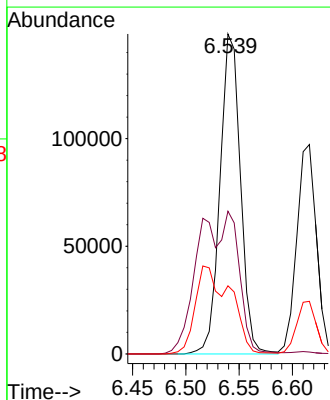
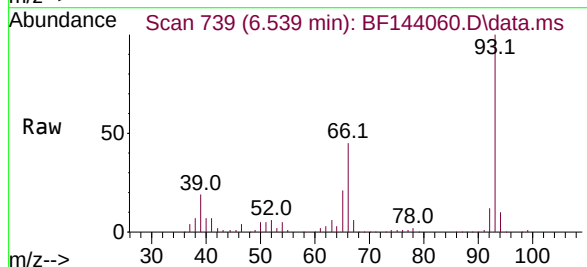
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

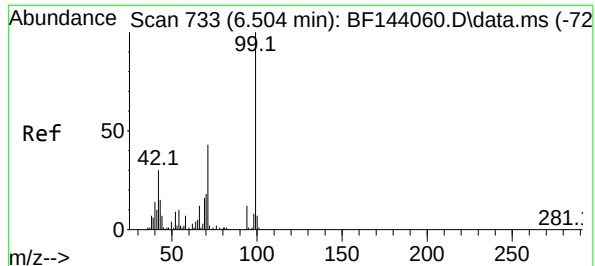
Tgt Ion:112 Resp: 257786
Ion Ratio Lower Upper
112 100
64 62.3 49.8 74.8
63 34.3 27.4 41.2



#6
Aniline
Concen: 40.371 ng
RT: 6.539 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 93 Resp: 199395
Ion Ratio Lower Upper
93 100
66 44.6 35.7 53.5
65 21.3 17.0 25.6





#7

Phenol-d6

Concen: 80.690 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

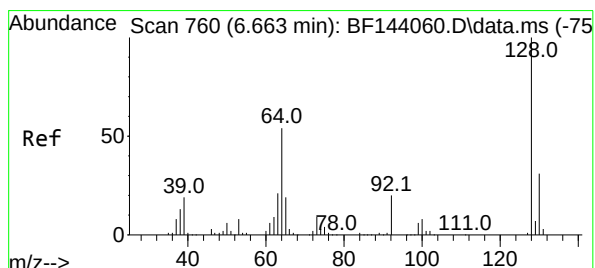
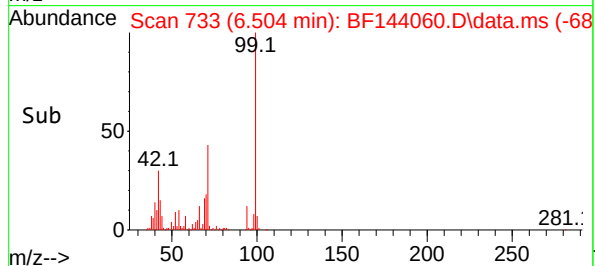
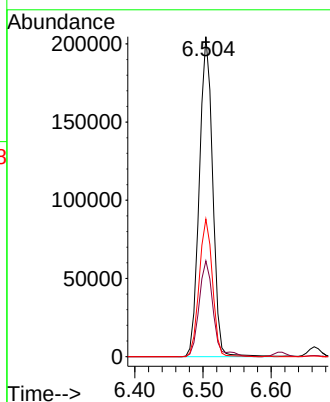
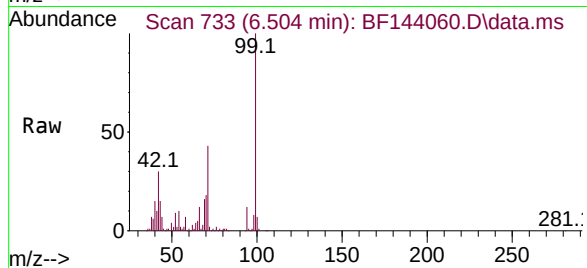
Tgt Ion: 99 Resp: 278572

Ion Ratio Lower Upper

99 100

42 29.9 23.9 35.9

71 43.0 34.4 51.6



#8

2-Chlorophenol

Concen: 40.190 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

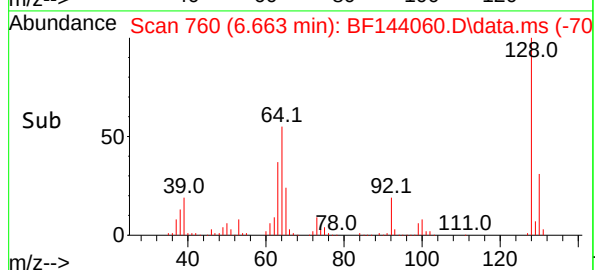
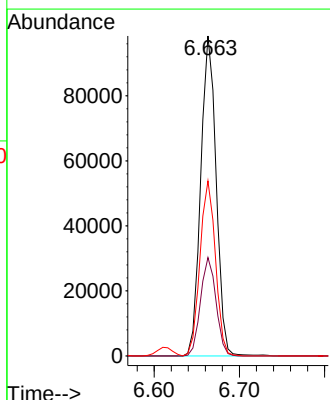
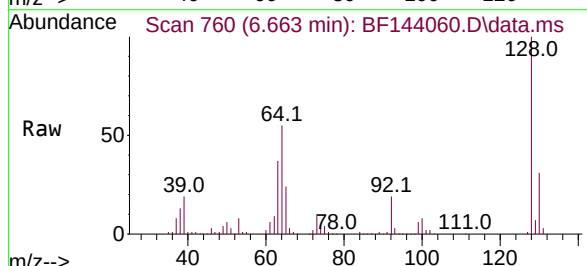
Tgt Ion: 128 Resp: 123726

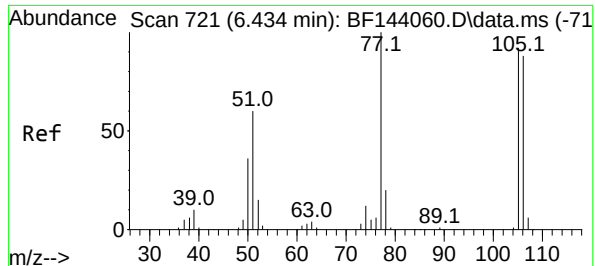
Ion Ratio Lower Upper

128 100

130 30.7 10.7 50.7

64 54.7 34.7 74.7





#9

Benzaldehyde

Concen: 38.490 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

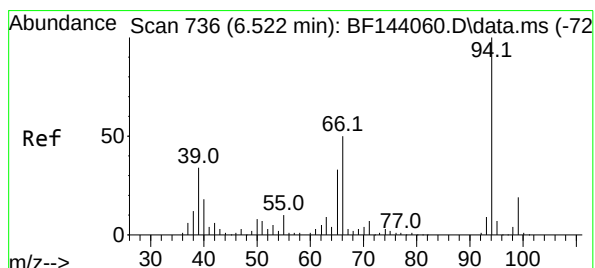
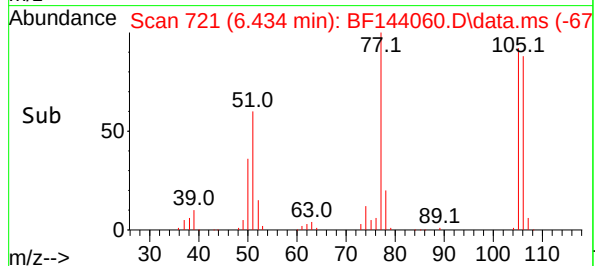
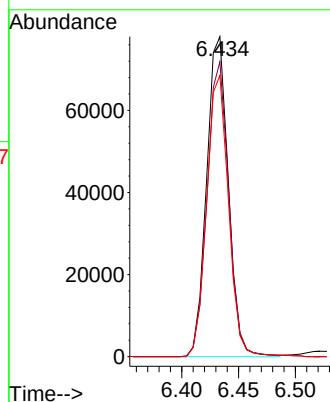
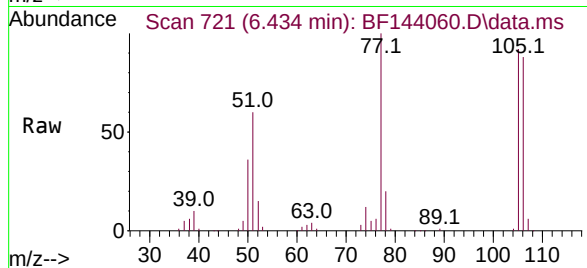
Tgt Ion: 77 Resp: 103170

Ion Ratio Lower Upper

77 100

105 92.2 72.2 112.2

106 87.9 67.9 107.9



#10

Phenol

Concen: 40.307 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

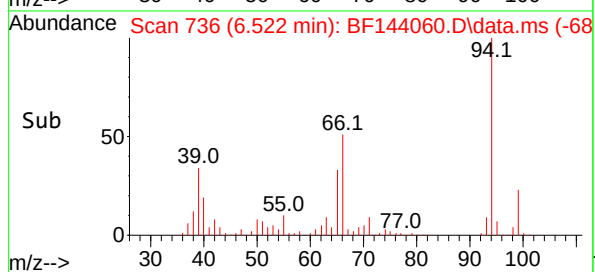
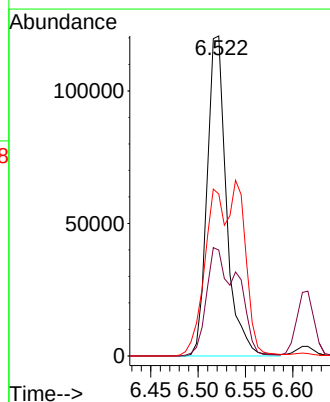
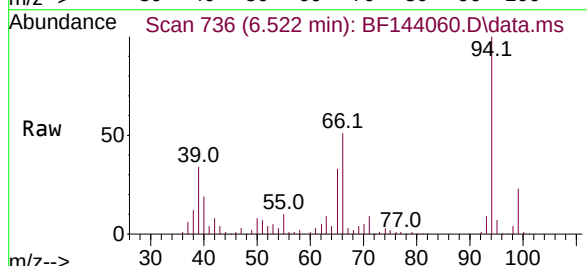
Tgt Ion: 94 Resp: 171675

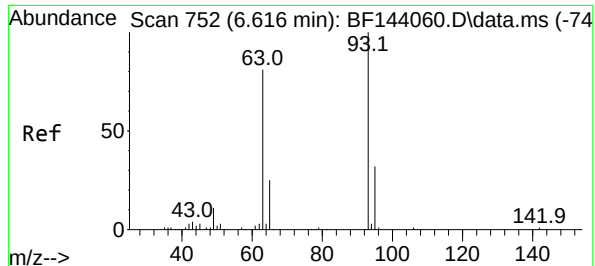
Ion Ratio Lower Upper

94 100

65 33.1 13.1 53.1

66 50.6 30.6 70.6

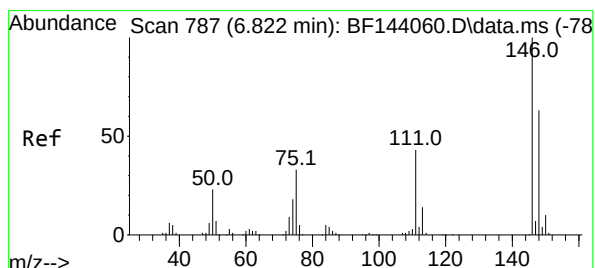
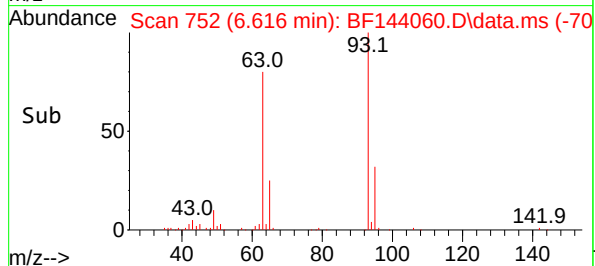
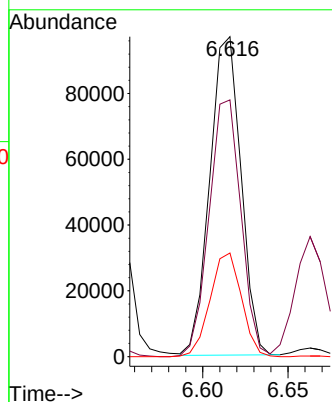
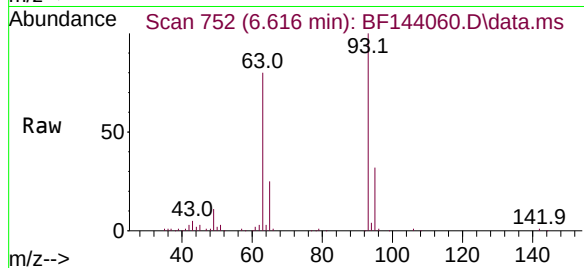




#11
bis(2-Chloroethyl)ether
Concen: 40.113 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

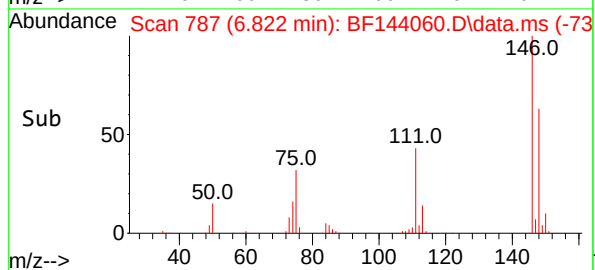
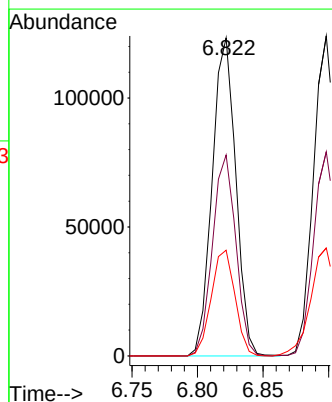
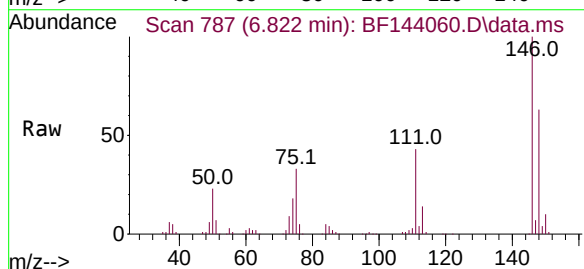
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

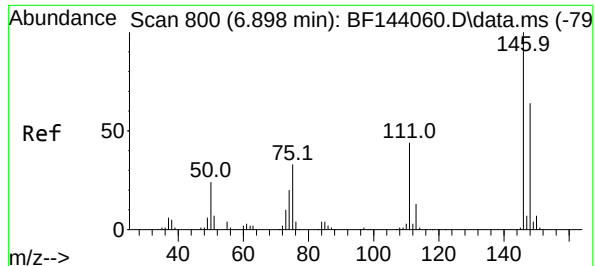
Tgt Ion: 93 Resp: 123456
Ion Ratio Lower Upper
93 100
63 80.2 60.2 100.2
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.768 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 146 Resp: 154816
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
75 33.3 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 41.000 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

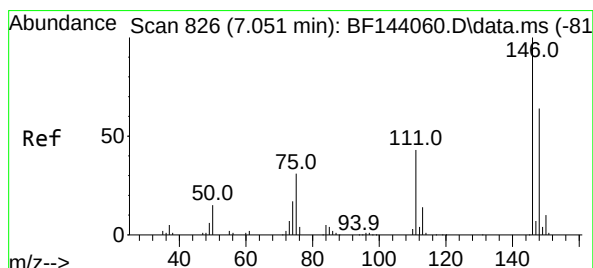
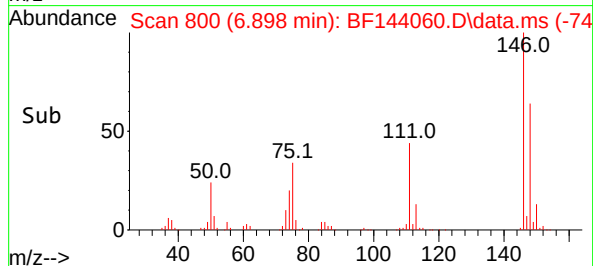
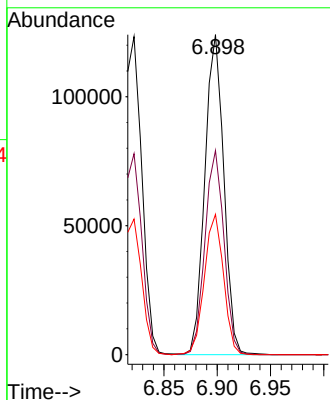
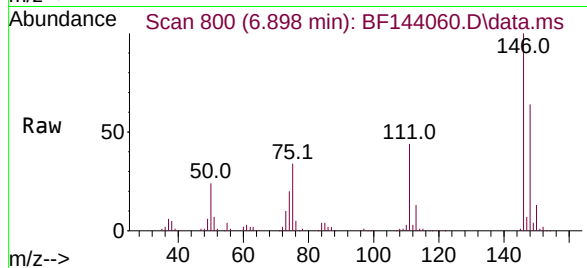
Tgt Ion:146 Resp: 153441

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 43.8 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 40.430 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

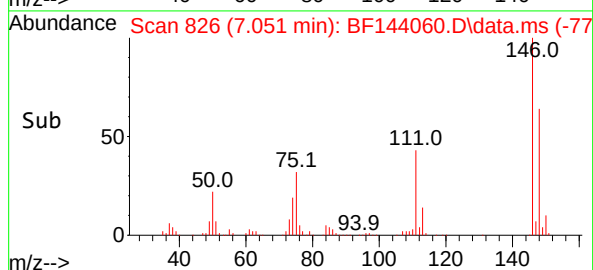
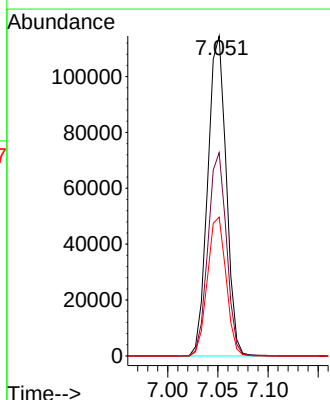
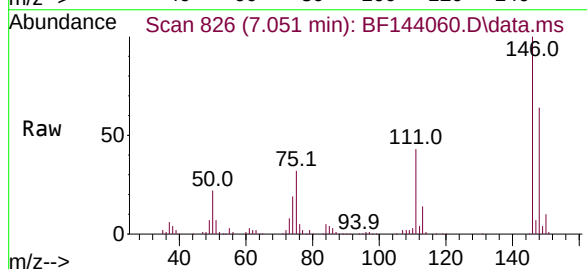
Tgt Ion:146 Resp: 146404

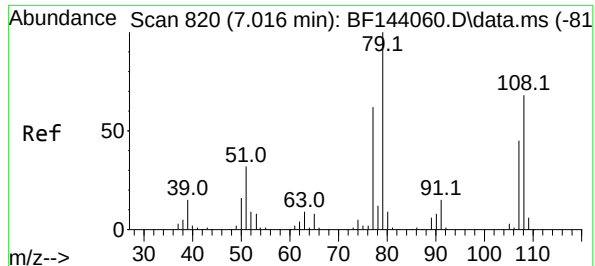
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 43.4 34.7 52.1





#15

Benzyl Alcohol

Concen: 40.340 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

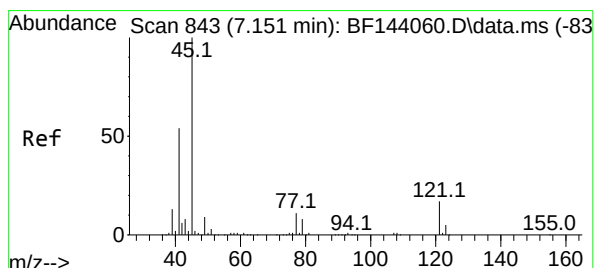
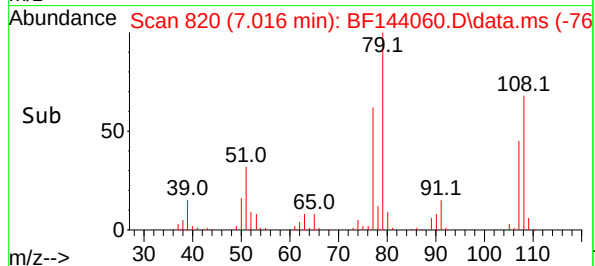
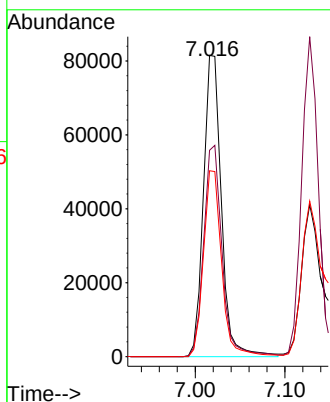
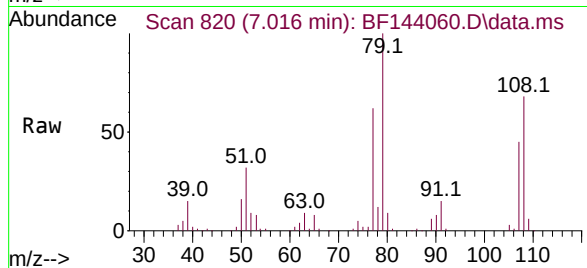
Tgt Ion: 79 Resp: 113241

Ion Ratio Lower Upper

79 100

108 68.5 54.8 82.2

77 61.7 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.632 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

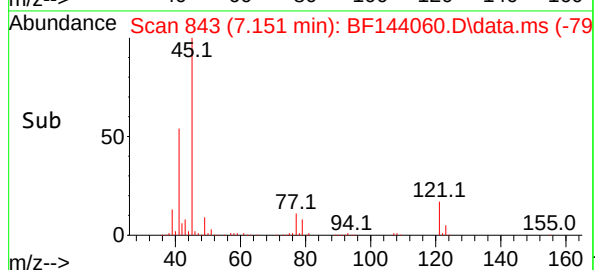
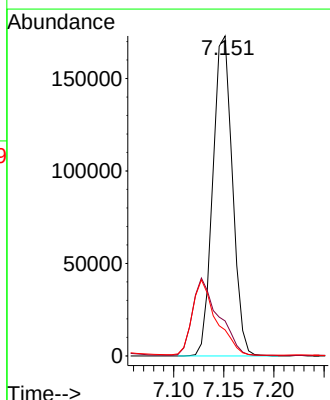
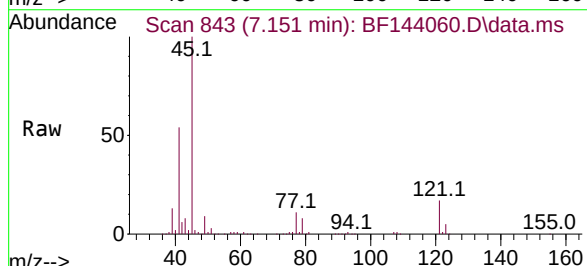
Tgt Ion: 45 Resp: 235025

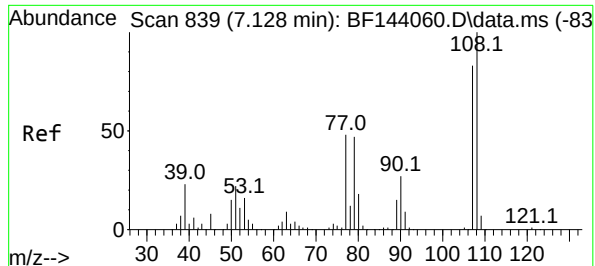
Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.9

79 8.2 0.0 28.2





#17

2-Methylphenol

Concen: 38.877 ng

RT: 7.128 min Scan# 839

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:107 Resp: 92050

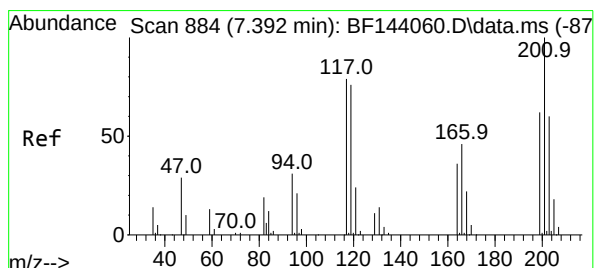
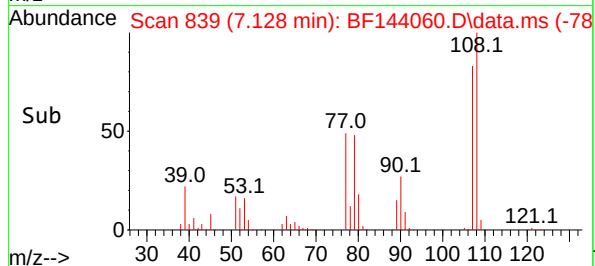
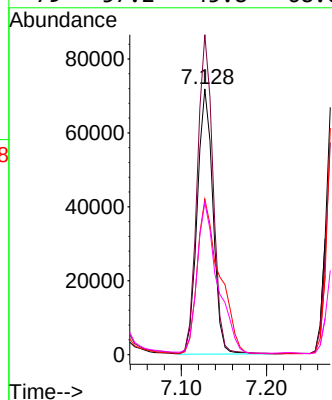
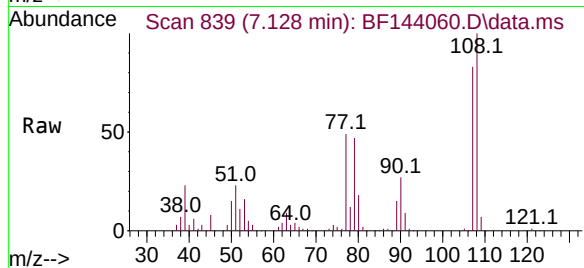
Ion Ratio Lower Upper

107 100

108 120.5 96.4 144.6

77 58.5 46.8 70.2

79 57.2 45.8 68.6



#18

Hexachloroethane

Concen: 40.236 ng

RT: 7.392 min Scan# 884

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

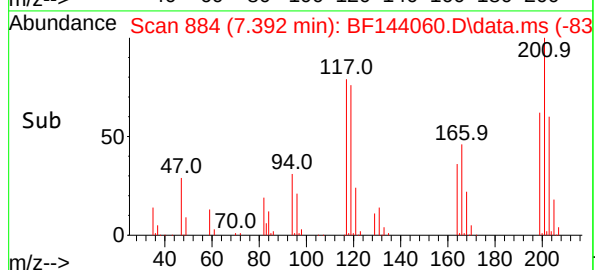
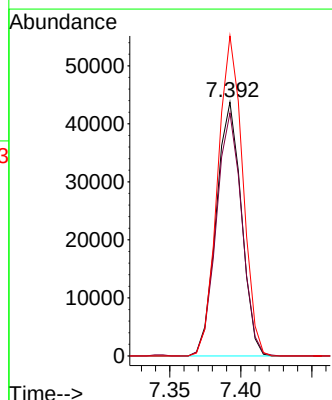
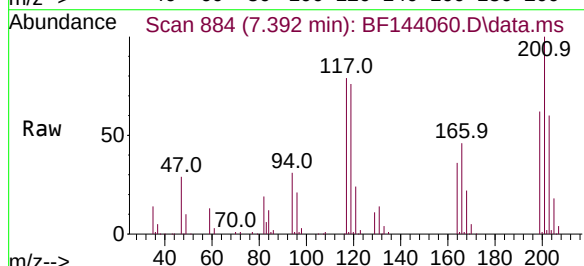
Tgt Ion:117 Resp: 53836

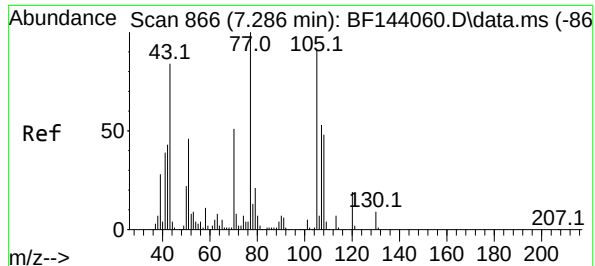
Ion Ratio Lower Upper

117 100

119 95.8 76.6 115.0

201 126.1 100.9 151.3

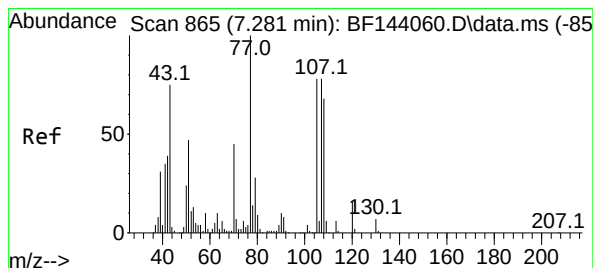
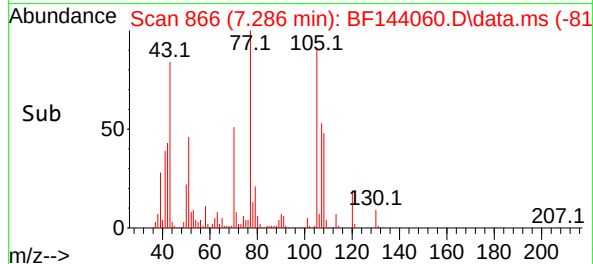
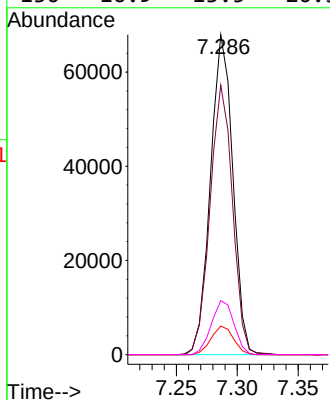
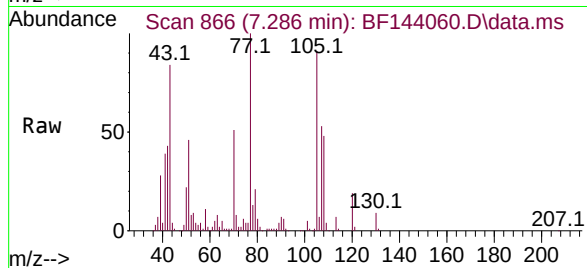




#19
n-Nitroso-di-n-propylamine
Concen: 38.823 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

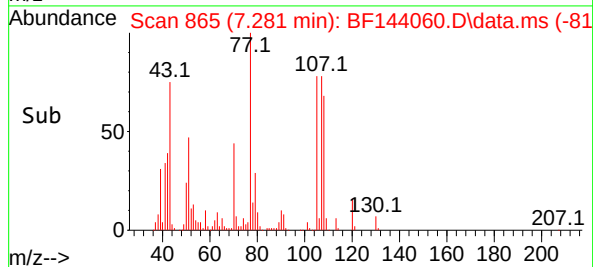
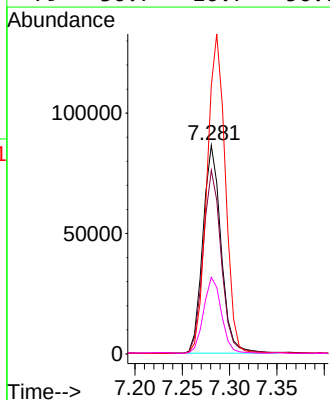
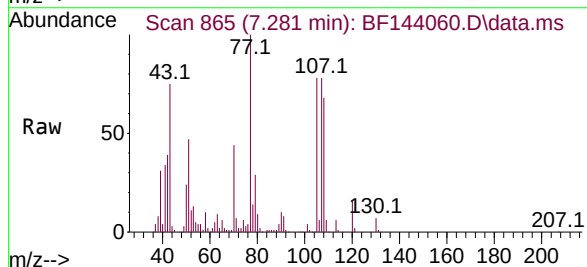
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

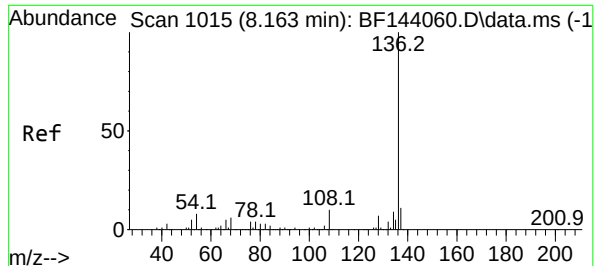
Tgt Ion: 70 Resp: 86672
Ion Ratio Lower Upper
70 100
42 84.2 67.4 101.0
101 8.9 7.1 10.7
130 16.9 13.5 20.3



#20
3+4-Methylphenols
Concen: 41.255 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 107 Resp: 115474
Ion Ratio Lower Upper
107 100
108 88.0 68.0 108.0
77 128.7 108.7 148.7
79 36.7 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 178191

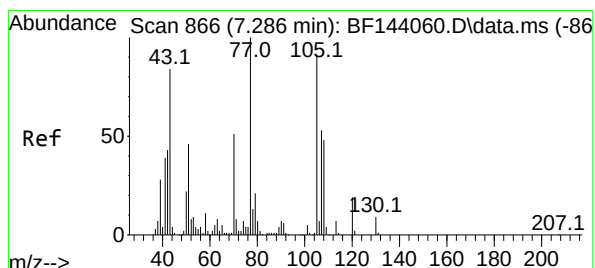
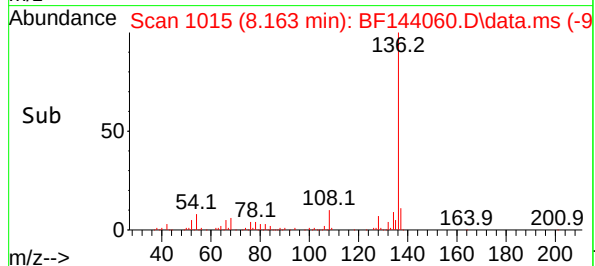
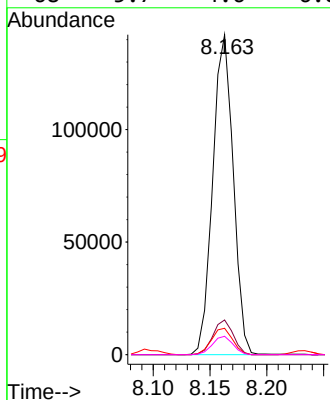
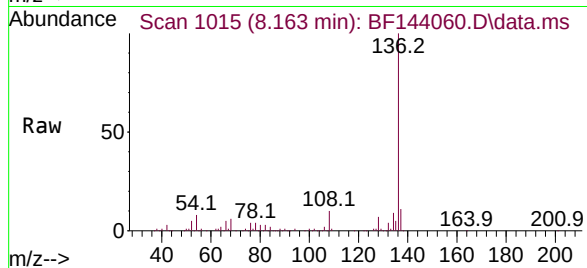
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.2 6.6 9.8

68 5.7 4.6 6.8



#22

Acetophenone

Concen: 40.399 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:105 Resp: 155572

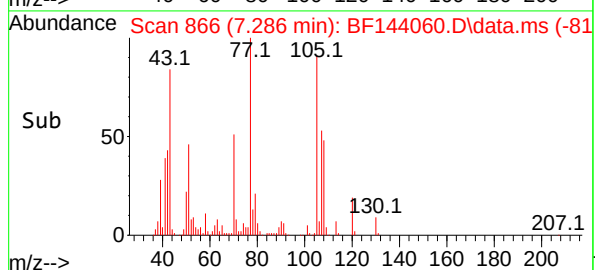
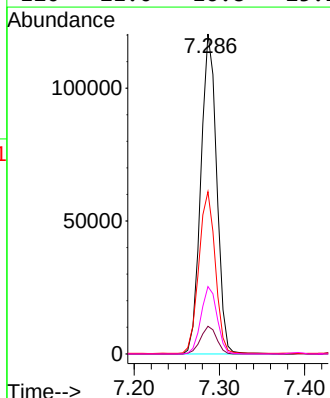
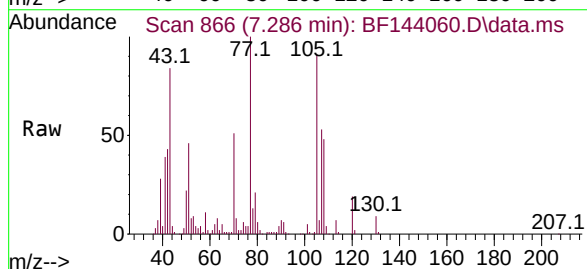
Ion Ratio Lower Upper

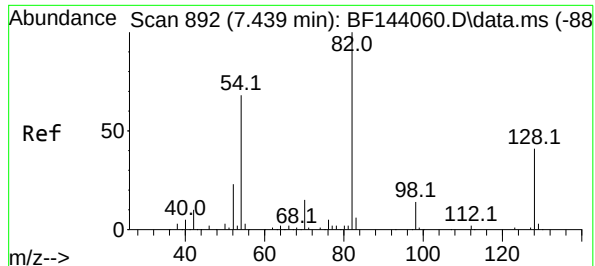
105 100

71 8.6 6.9 10.3

51 50.7 40.6 60.8

120 21.0 16.8 25.2





#23

Nitrobenzene-d5

Concen: 80.590 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

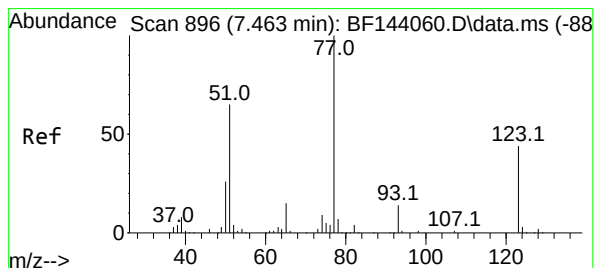
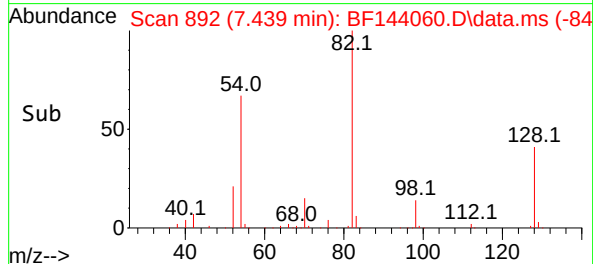
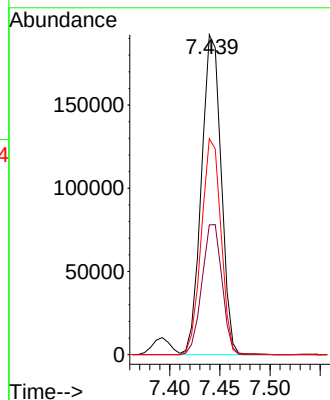
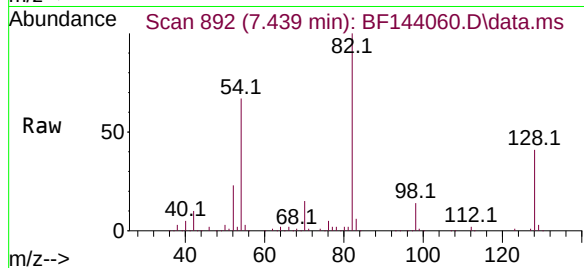
BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 262114

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.4	48.6
54	67.5	54.0	81.0



#24

Nitrobenzene

Concen: 40.596 ng

RT: 7.463 min Scan# 896

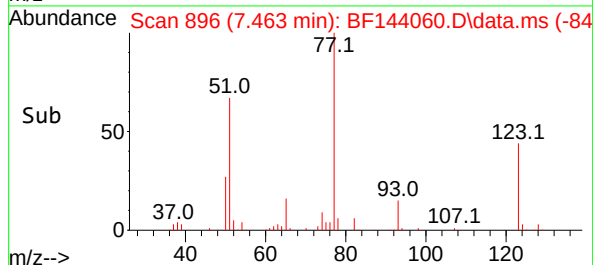
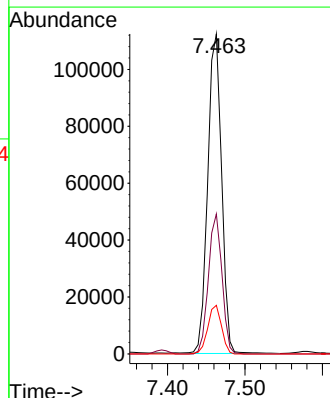
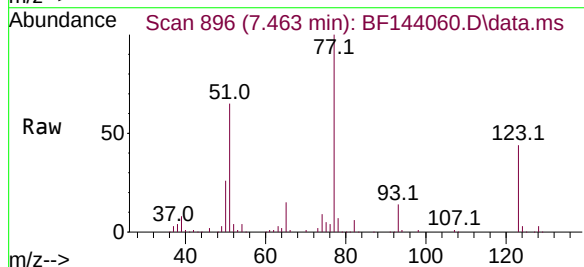
Delta R.T. 0.000 min

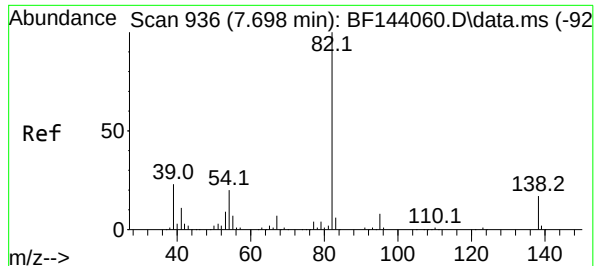
Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion: 77 Resp: 139675

Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.0	52.6
65	15.2	12.2	18.2





#25

Isophorone

Concen: 40.288 ng

RT: 7.698 min Scan# 936

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

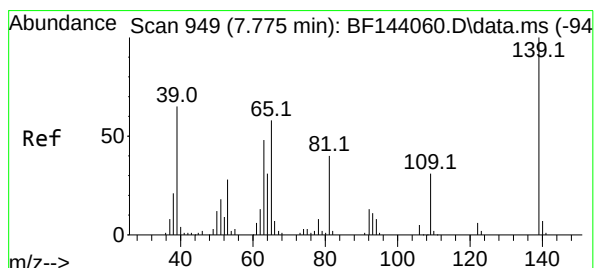
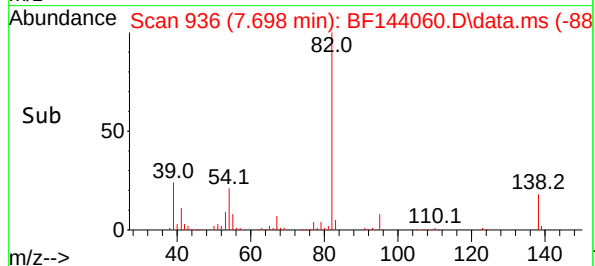
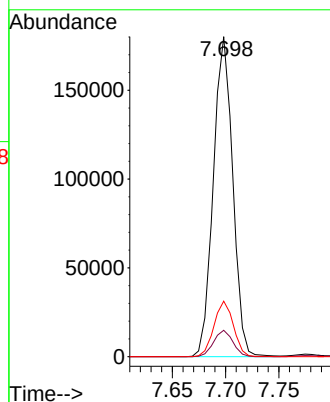
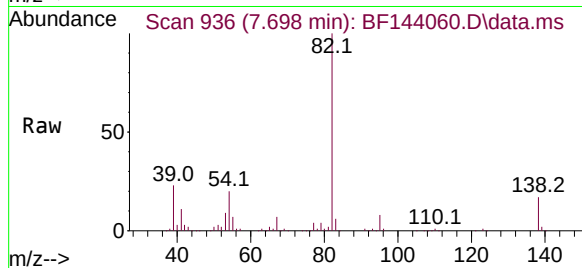
Tgt Ion: 82 Resp: 229089

Ion Ratio Lower Upper

82 100

95 8.2 6.6 9.8

138 17.3 13.8 20.8



#26

2-Nitrophenol

Concen: 41.591 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

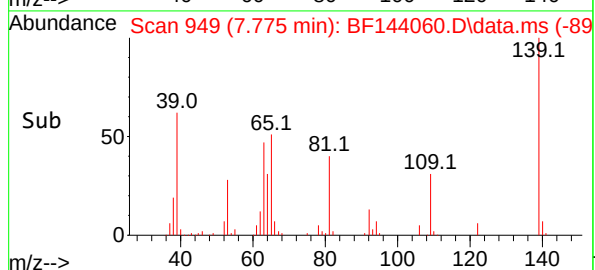
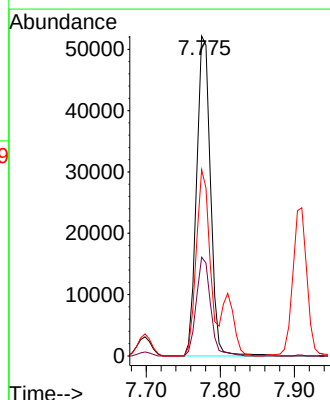
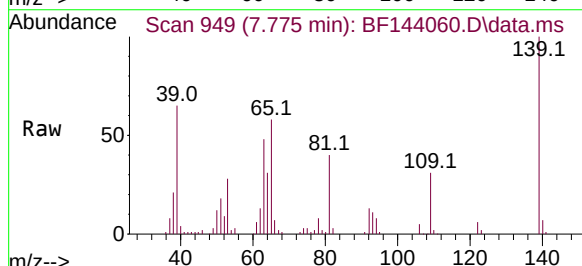
Tgt Ion: 139 Resp: 68074

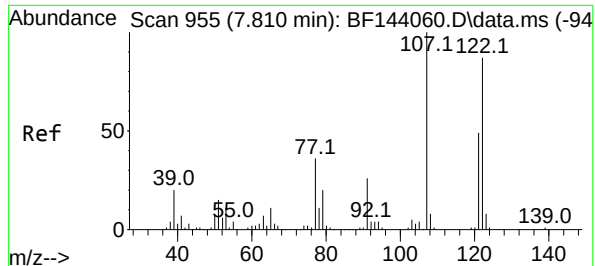
Ion Ratio Lower Upper

139 100

109 30.8 24.6 37.0

65 58.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 42.049 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

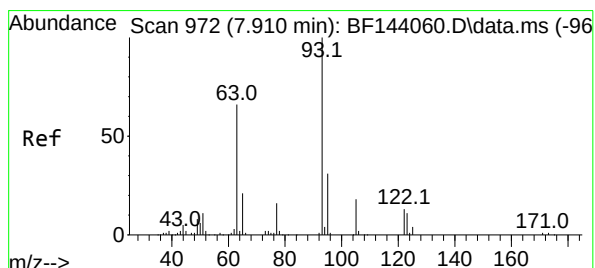
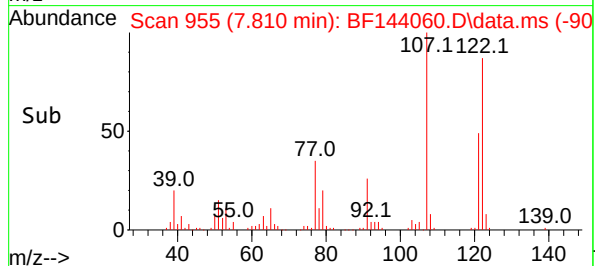
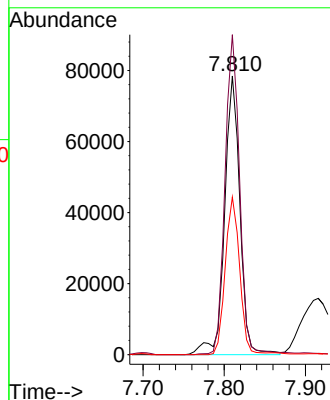
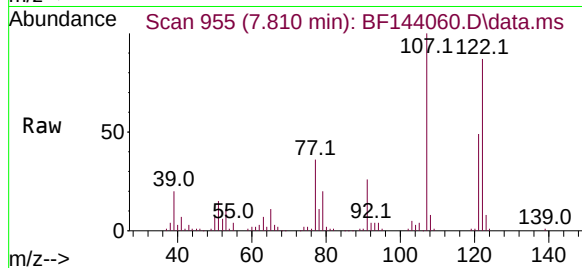
Tgt Ion:122 Resp: 102275

Ion Ratio Lower Upper

122 100

107 114.8 91.8 137.8

121 56.5 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.631 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

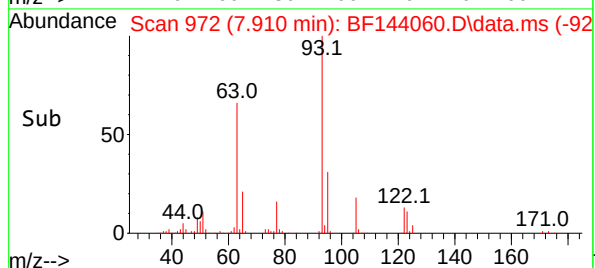
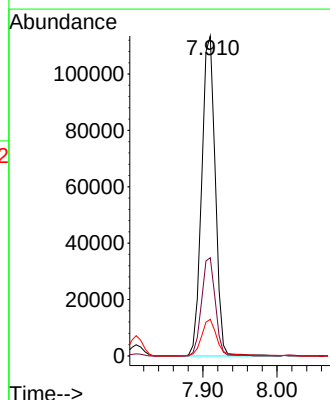
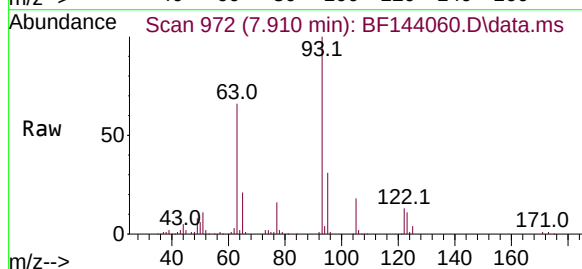
Tgt Ion: 93 Resp: 144080

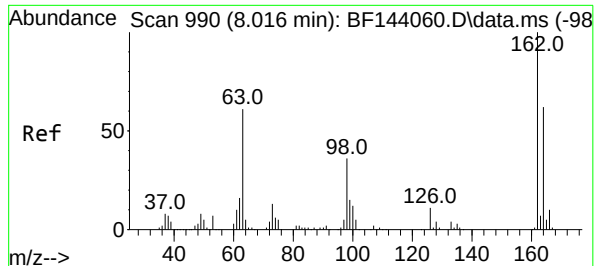
Ion Ratio Lower Upper

93 100

95 30.7 24.6 36.8

123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.677 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

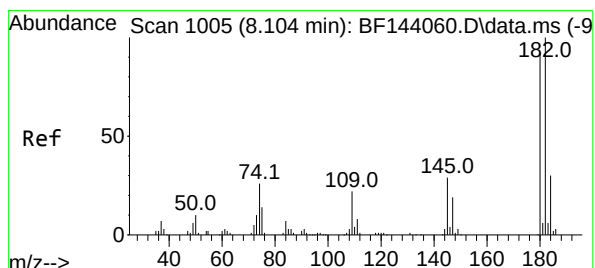
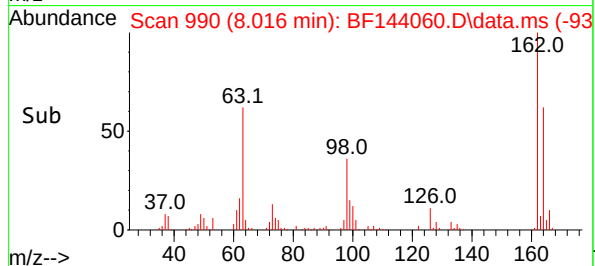
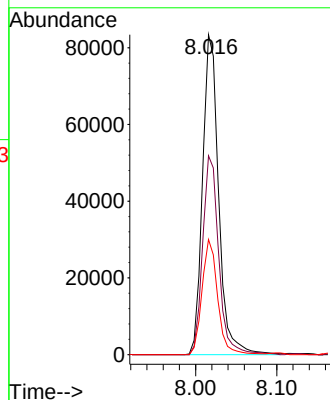
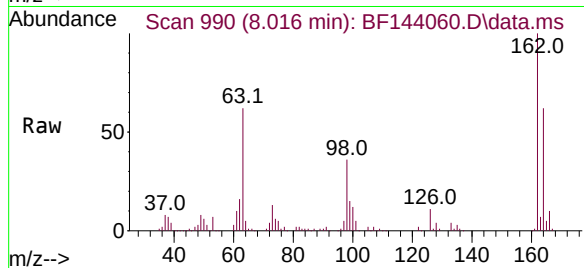
Tgt Ion:162 Resp: 115057

Ion Ratio Lower Upper

162 100

164 62.1 42.1 82.1

98 36.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 40.971 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

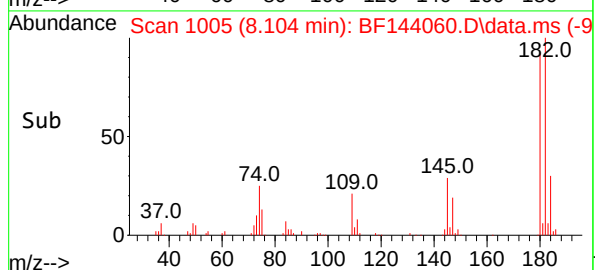
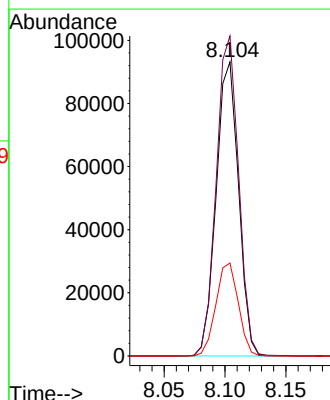
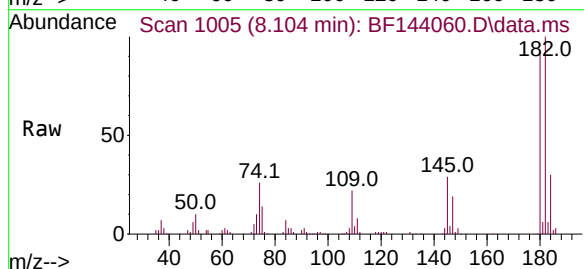
Tgt Ion:180 Resp: 119224

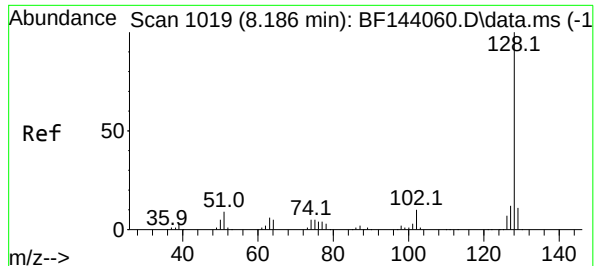
Ion Ratio Lower Upper

180 100

182 108.9 87.1 130.7

145 31.6 25.3 37.9

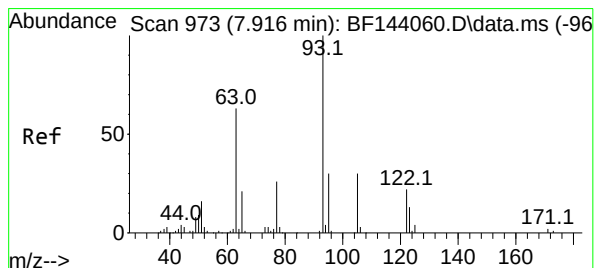
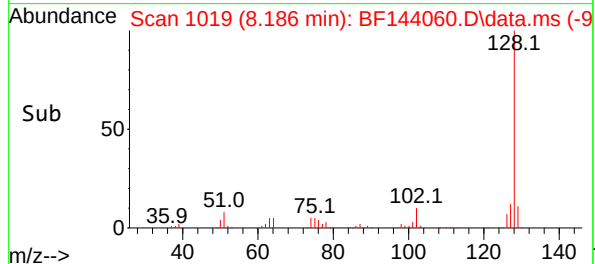
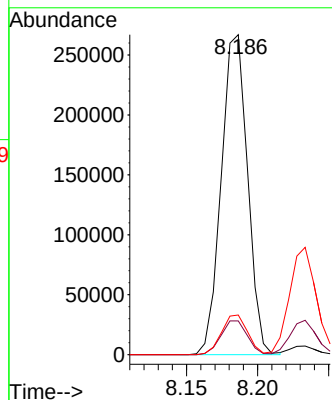
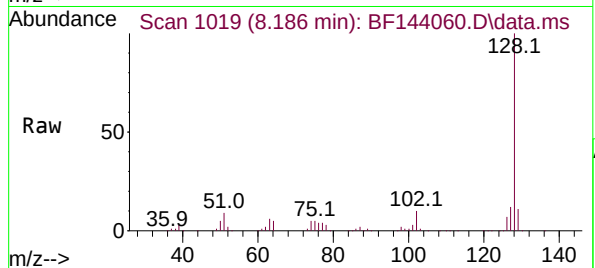




#31
Naphthalene
Concen: 40.910 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

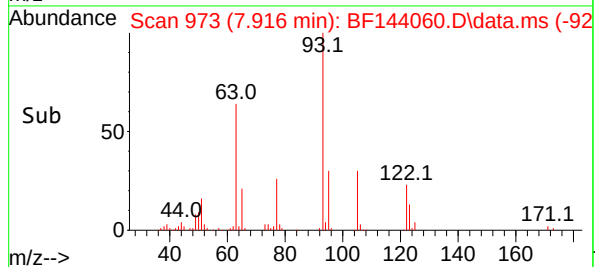
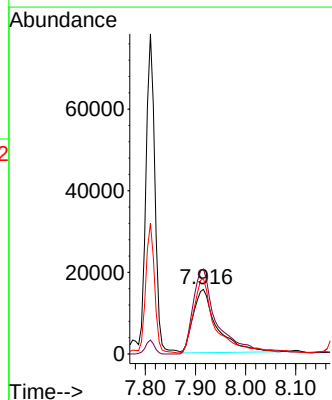
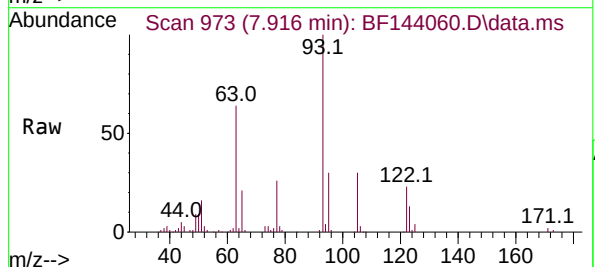
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

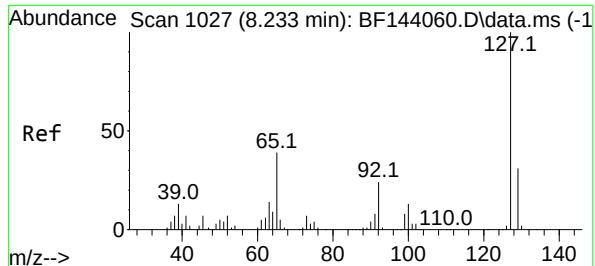
Tgt Ion:128 Resp: 344062
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.4 9.9 14.9



#32
Benzoic acid
Concen: 33.628 ng
RT: 7.916 min Scan# 973
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:122 Resp: 51883
Ion Ratio Lower Upper
122 100
105 131.3 111.3 151.3
77 116.7 96.7 136.7

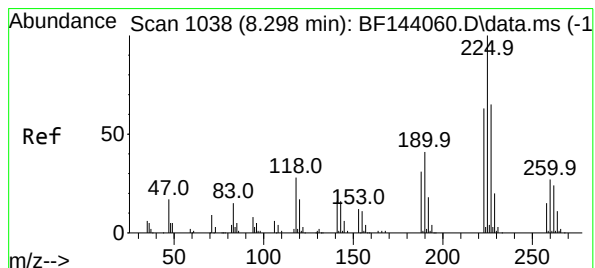
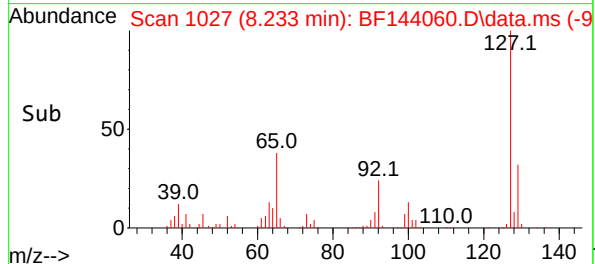
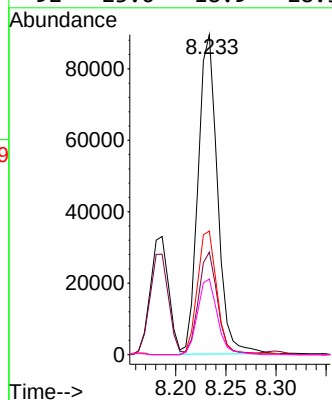
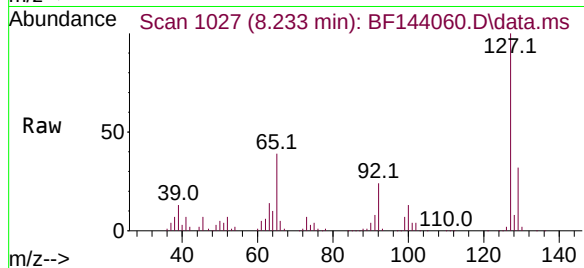




#33
4-Chloroaniline
Concen: 40.949 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

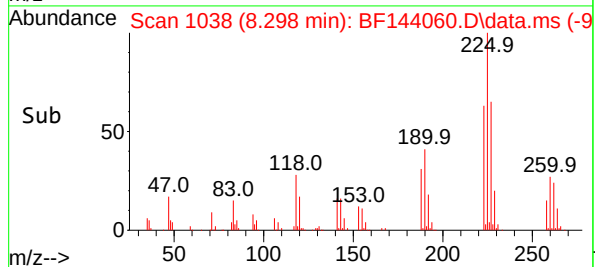
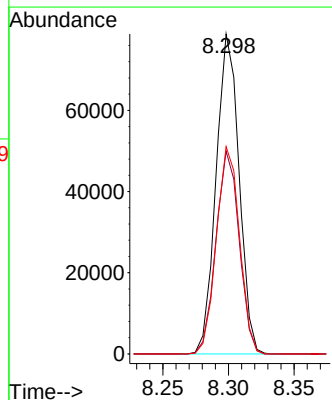
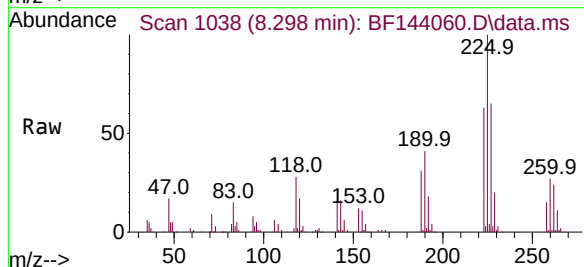
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

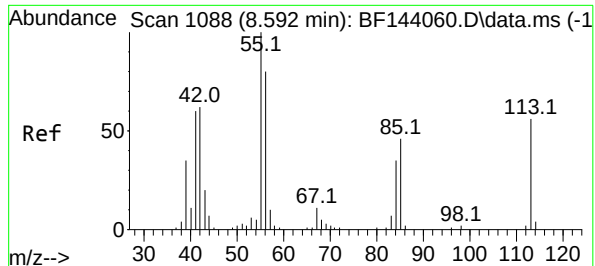
Tgt Ion:	127	Resp:	119889
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	38.6	30.9	46.3
92	23.6	18.9	28.3



#34
Hexachlorobutadiene
Concen: 40.380 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:	225	Resp:	96082
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.8	51.8	77.8

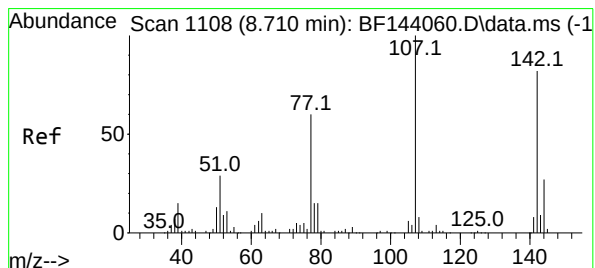
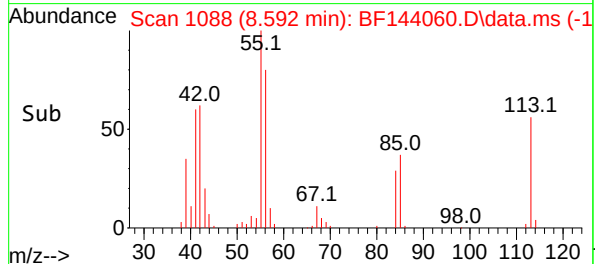
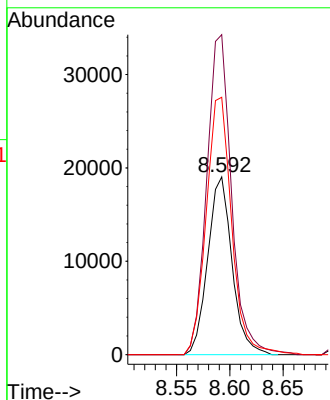
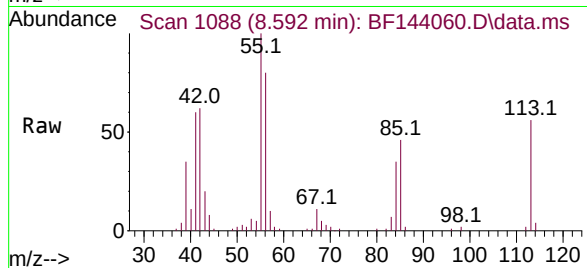




#35
Caprolactam
Concen: 42.585 ng
RT: 8.592 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

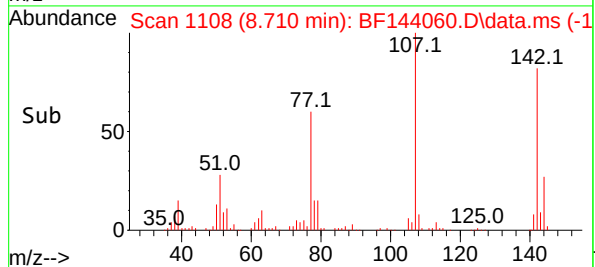
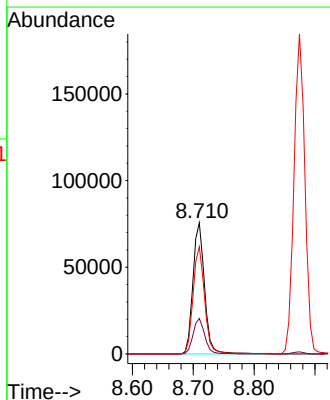
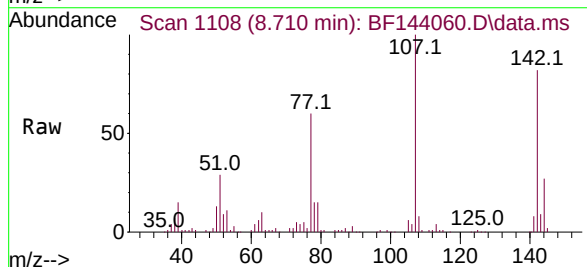
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

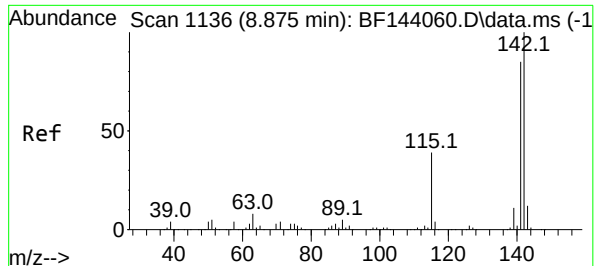
Tgt Ion:113 Resp: 30206
Ion Ratio Lower Upper
113 100
55 180.1 160.1 200.1
56 144.9 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 40.234 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:107 Resp: 100429
Ion Ratio Lower Upper
107 100
144 27.0 21.6 32.4
142 81.7 65.4 98.0





#37

2-Methylnaphthalene

Concen: 41.362 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

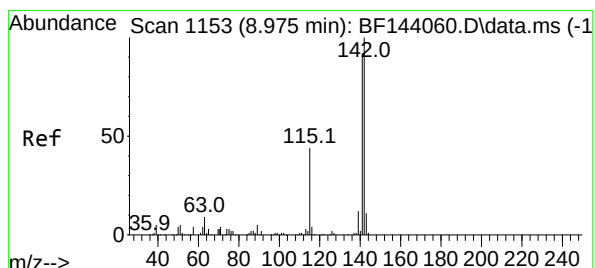
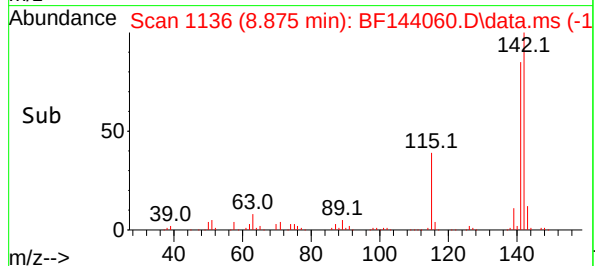
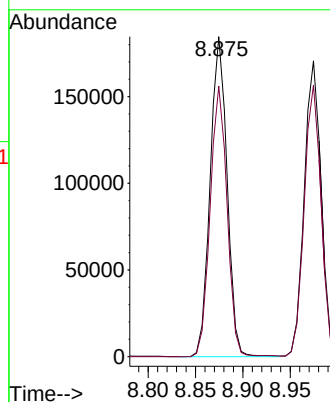
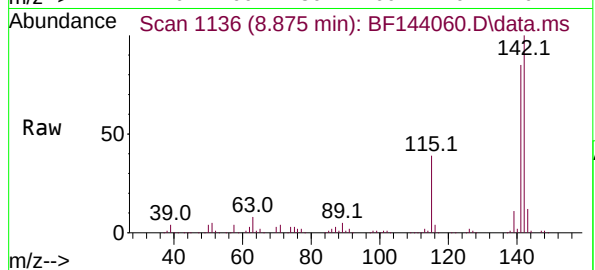
SSTDICCC040

Tgt Ion:142 Resp: 229345

Ion Ratio Lower Upper

142 100

141 84.5 67.6 101.4



#38

1-Methylnaphthalene

Concen: 40.062 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144060.D

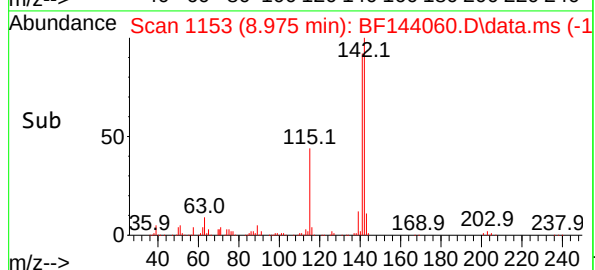
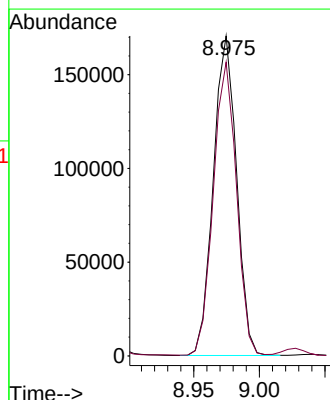
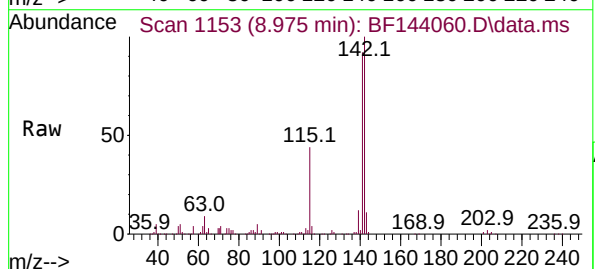
Acq: 24 Oct 2025 13:05

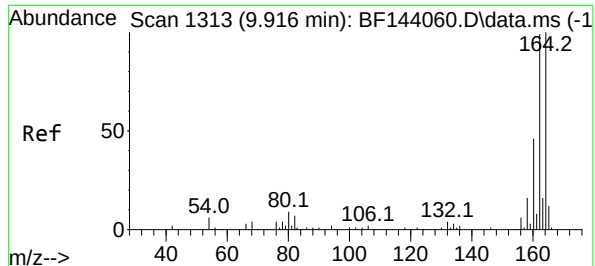
Tgt Ion:142 Resp: 210460

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

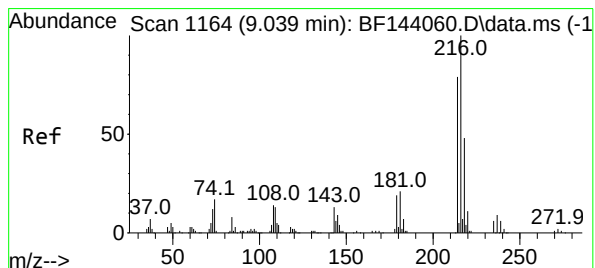
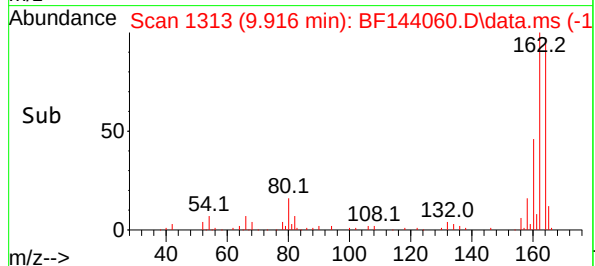
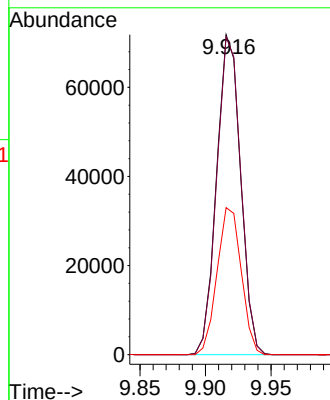
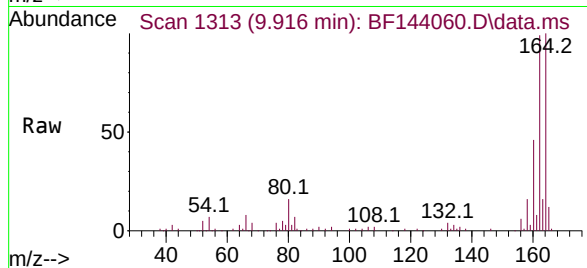
Tgt Ion:164 Resp: 91554

Ion Ratio Lower Upper

164 100

162 99.3 79.4 119.2

160 45.9 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.130 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:216 Resp: 129417

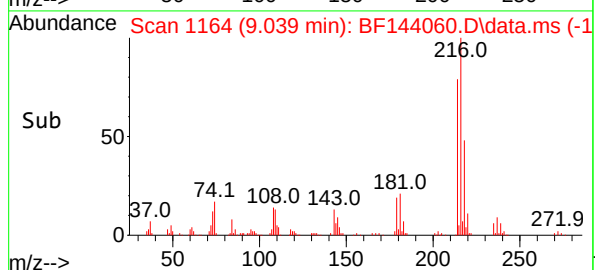
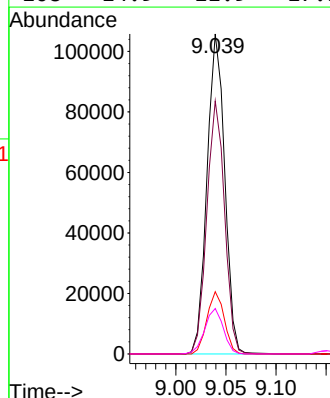
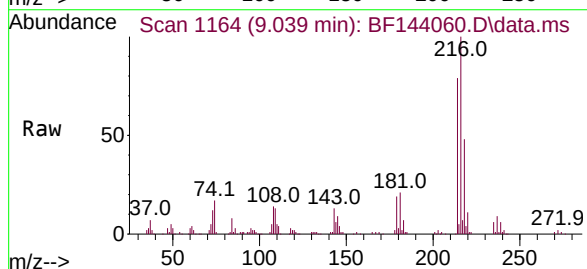
Ion Ratio Lower Upper

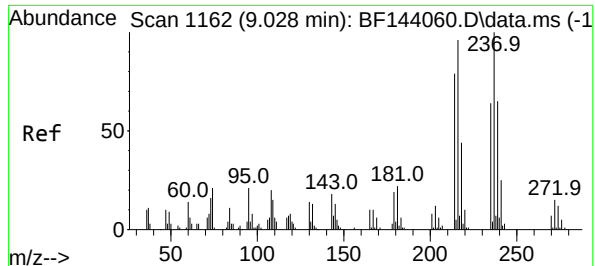
216 100

214 79.0 63.2 94.8

179 19.0 15.2 22.8

108 14.9 11.9 17.9

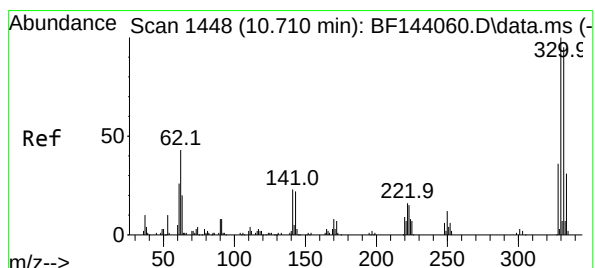
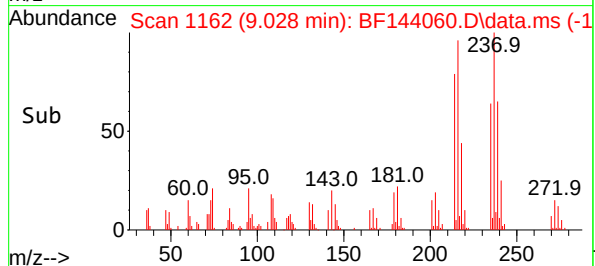
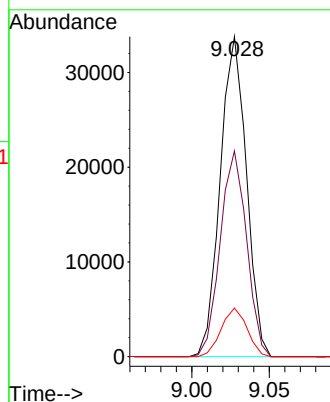
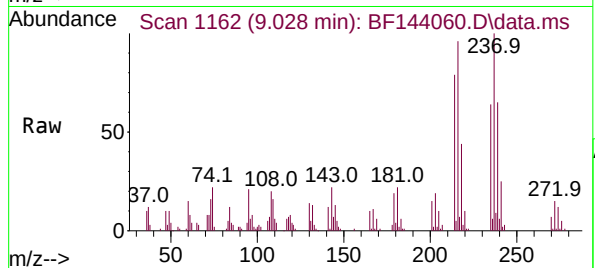




#41
Hexachlorocyclopentadiene
Concen: 41.012 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

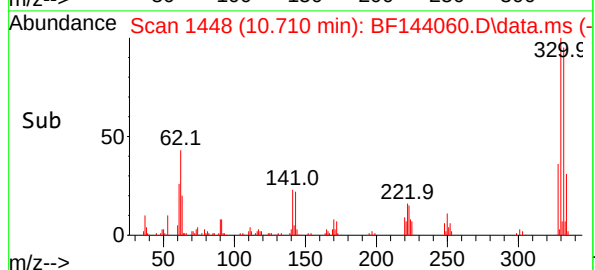
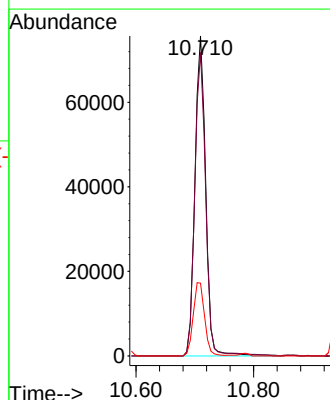
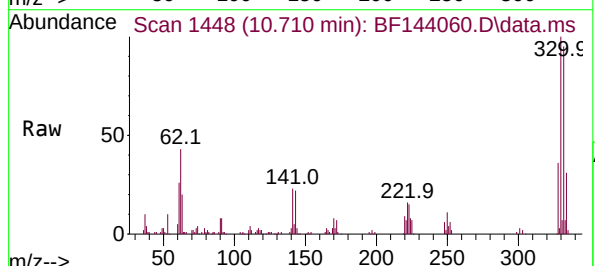
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

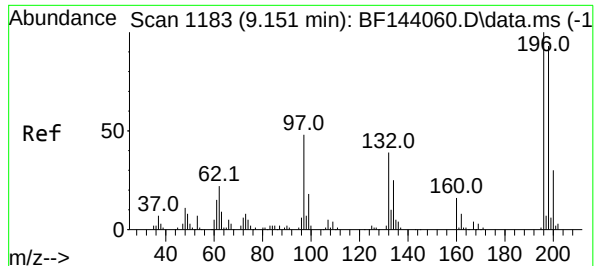
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.3	84.3
272	15.2	0.0	35.2



#42
2,4,6-Tribromophenol
Concen: 82.238 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	24.2	19.4	29.0





#43

2,4,6-Trichlorophenol

Concen: 42.346 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

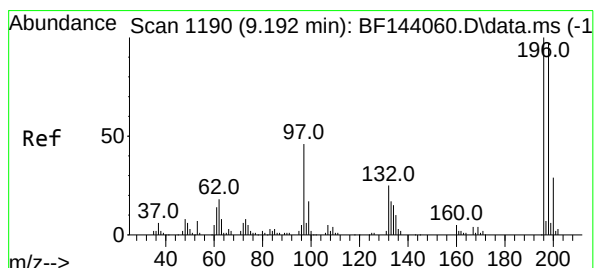
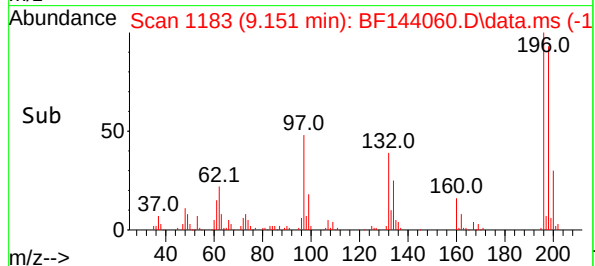
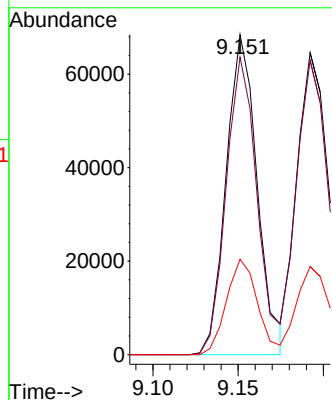
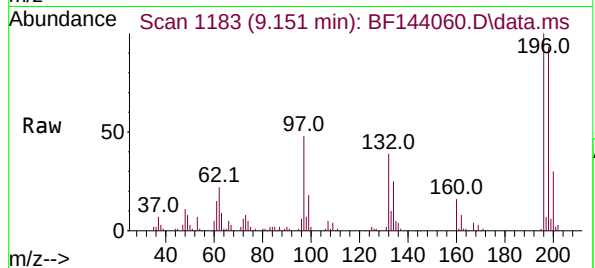
Tgt Ion:196 Resp: 86607

Ion Ratio Lower Upper

196 100

198 93.0 74.4 111.6

200 29.8 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 39.842 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Tgt Ion:196 Resp: 85520

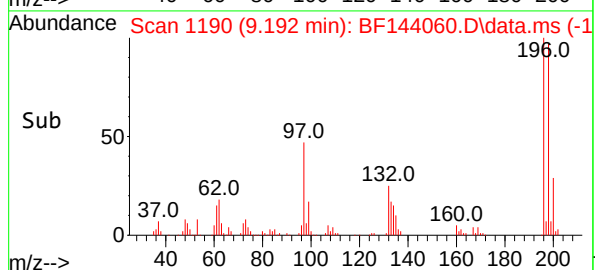
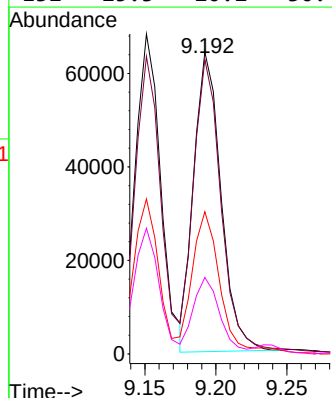
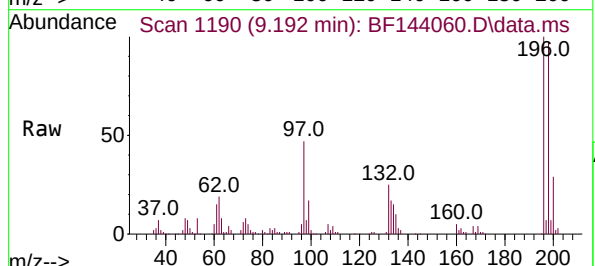
Ion Ratio Lower Upper

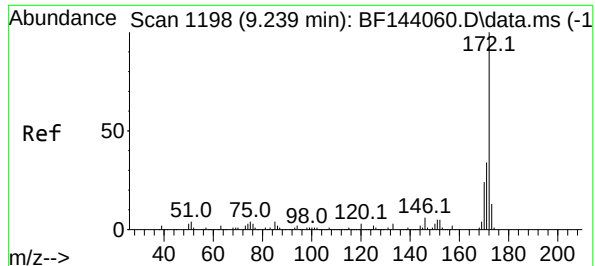
196 100

198 97.5 78.0 117.0

97 47.1 37.7 56.5

132 25.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 81.692 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

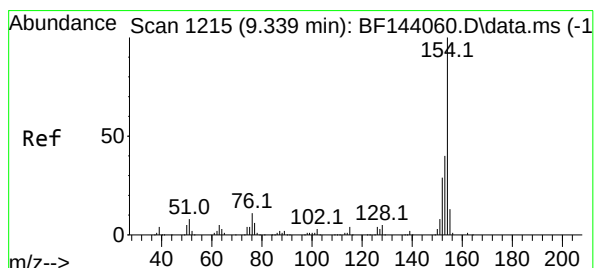
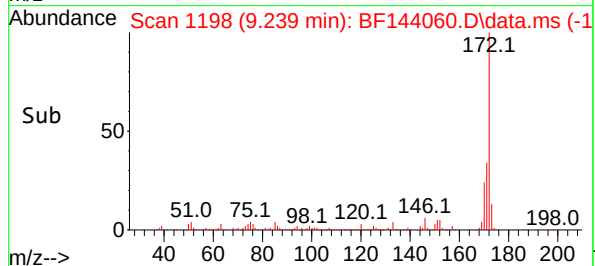
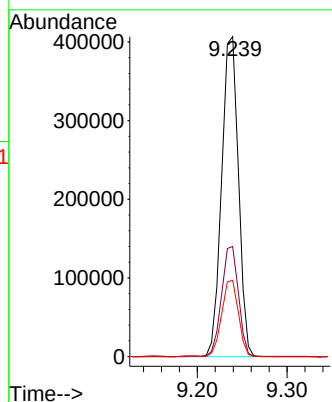
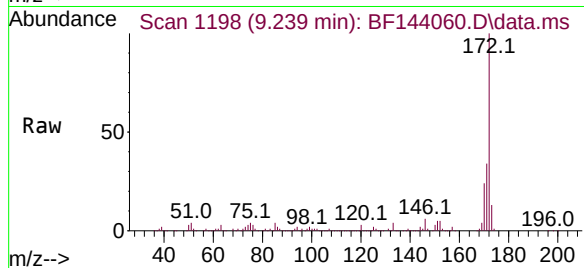
Tgt Ion:172 Resp: 531491

Ion Ratio Lower Upper

172 100

171 34.4 27.5 41.3

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.129 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

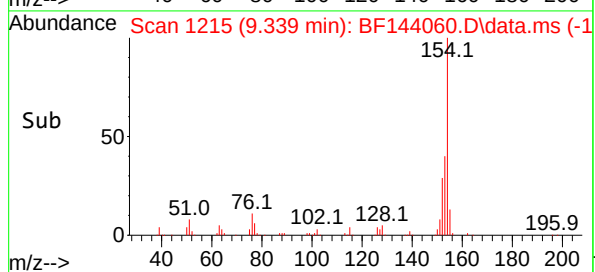
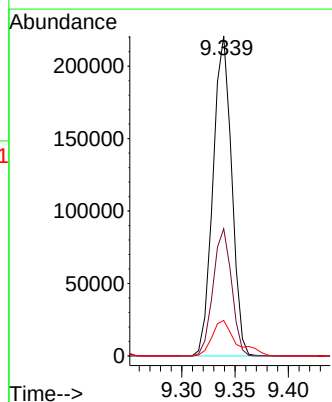
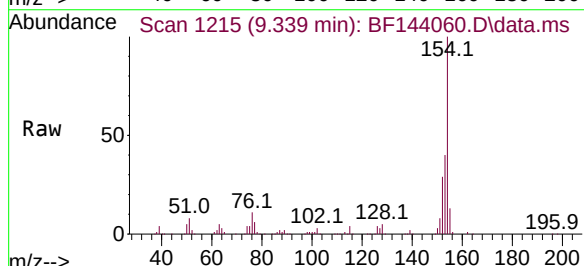
Tgt Ion:154 Resp: 269550

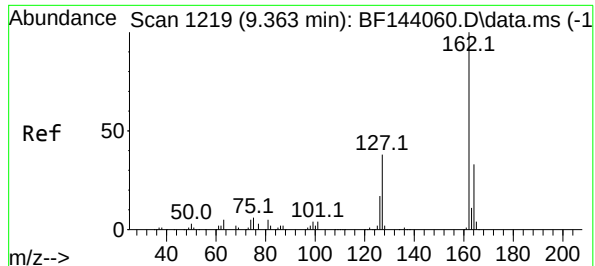
Ion Ratio Lower Upper

154 100

153 39.7 19.7 59.7

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.753 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

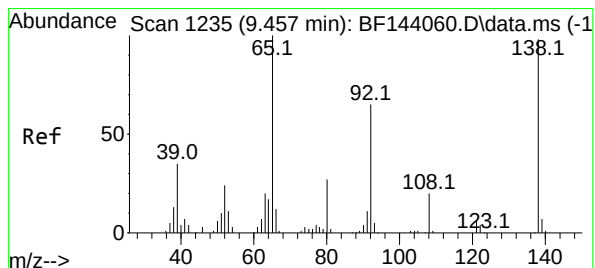
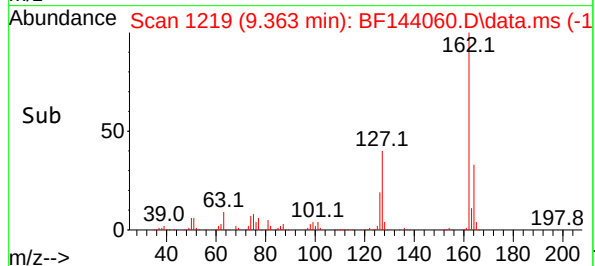
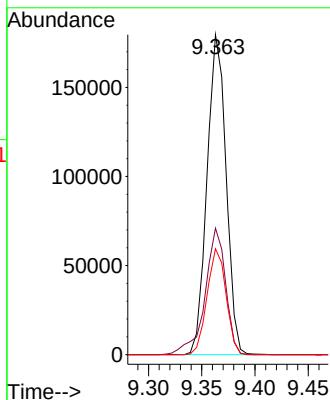
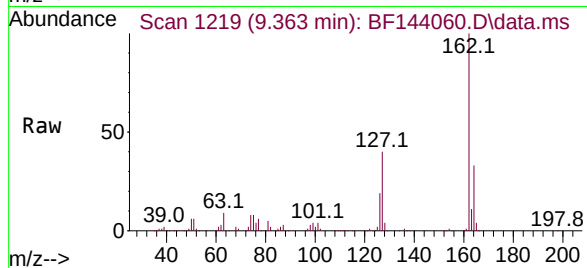
Tgt Ion:162 Resp: 223762

Ion Ratio Lower Upper

162 100

127 39.5 31.6 47.4

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 42.711 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

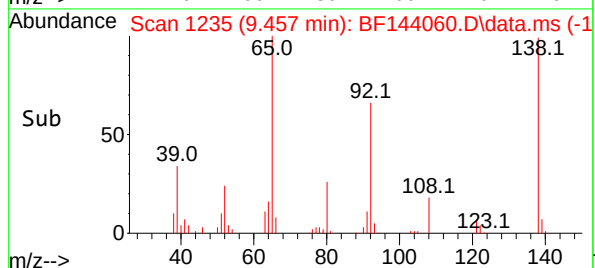
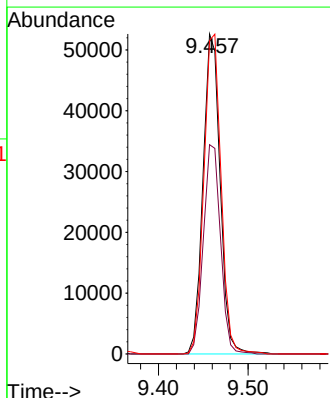
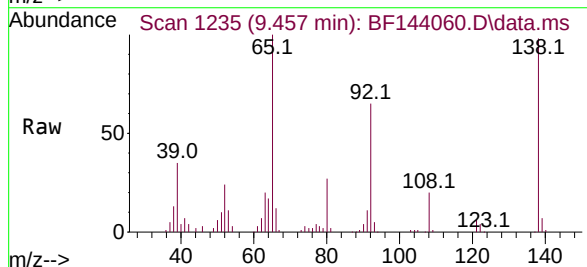
Tgt Ion: 65 Resp: 69638

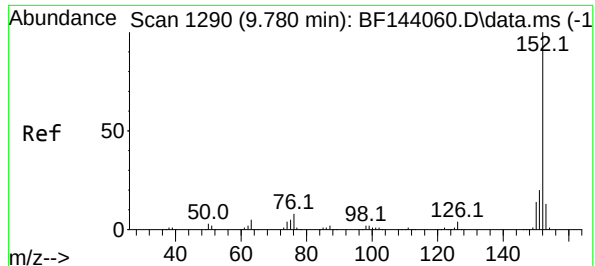
Ion Ratio Lower Upper

65 100

92 65.4 52.3 78.5

138 97.9 78.3 117.5





#49

Acenaphthylene

Concen: 42.112 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144060.D

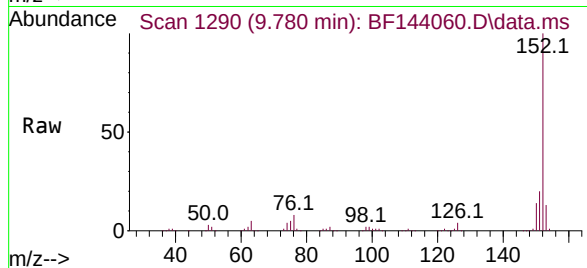
Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



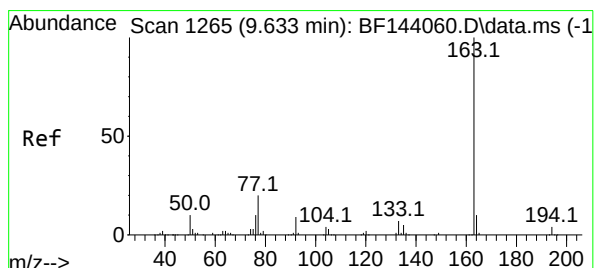
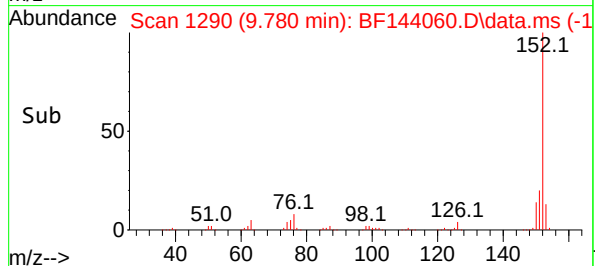
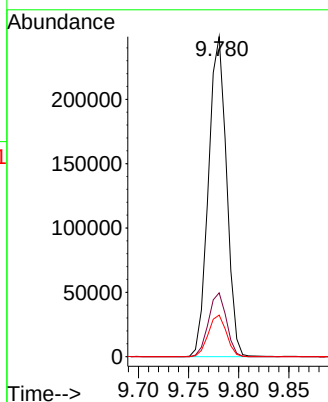
Tgt Ion:152 Resp: 311770

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.666 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

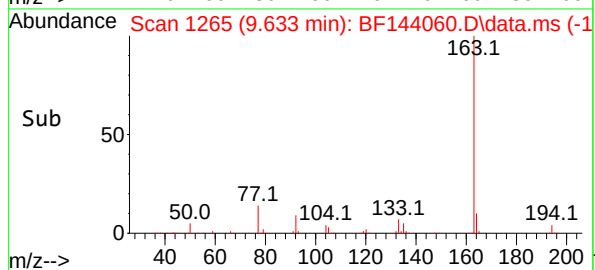
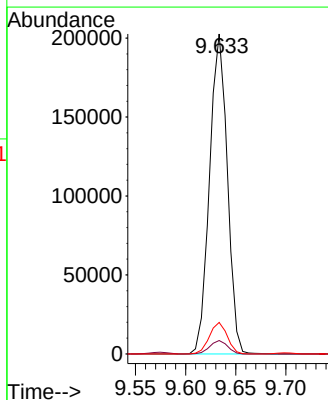
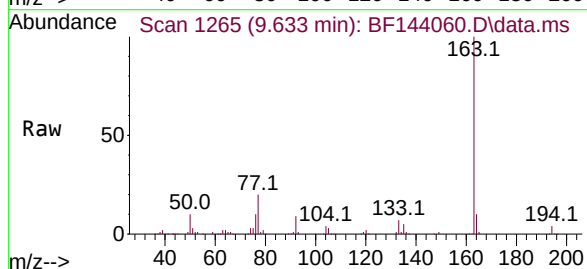
Tgt Ion:163 Resp: 250045

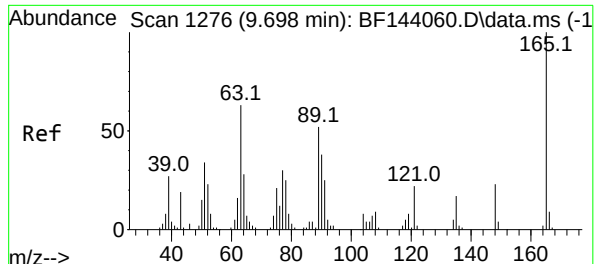
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 42.535 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

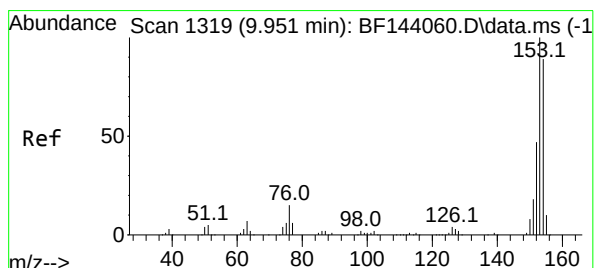
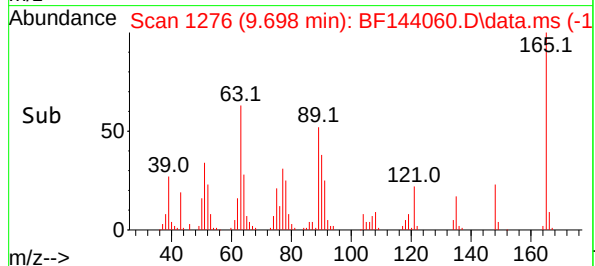
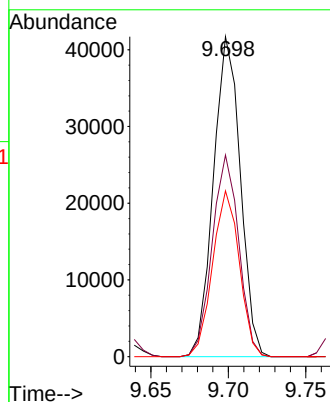
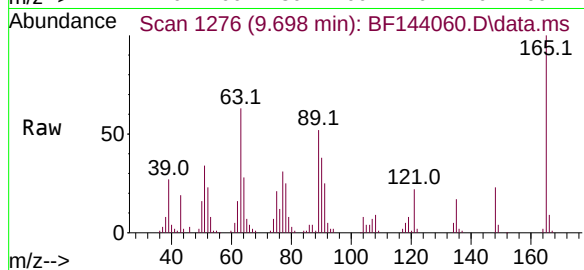
Tgt Ion:165 Resp: 50463

Ion Ratio Lower Upper

165 100

63 63.0 50.4 75.6

89 51.8 41.4 62.2



#52

Acenaphthene

Concen: 41.240 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

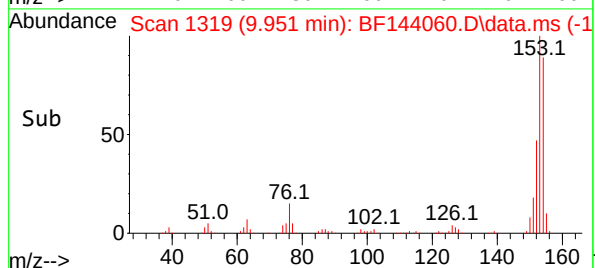
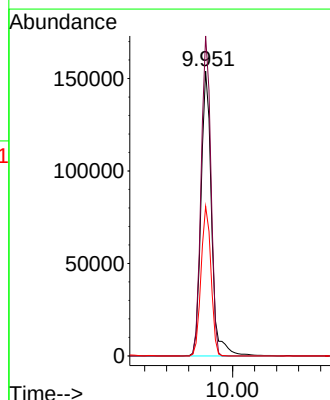
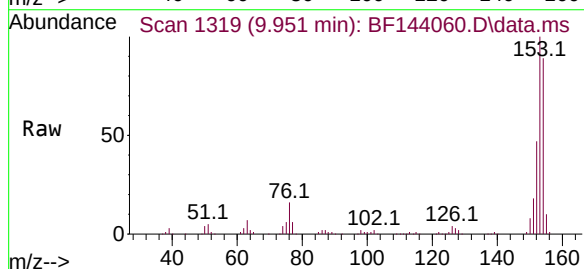
Tgt Ion:154 Resp: 203905

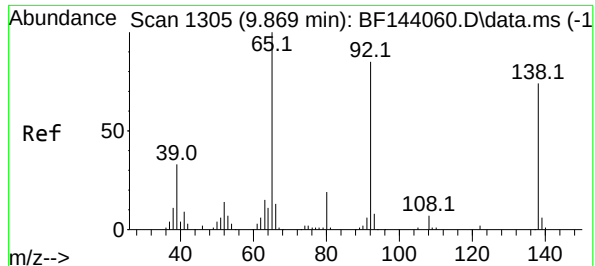
Ion Ratio Lower Upper

154 100

153 112.4 89.9 134.9

152 52.5 42.0 63.0





#53

3-Nitroaniline

Concen: 44.713 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

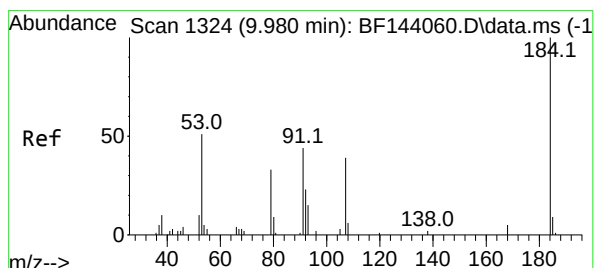
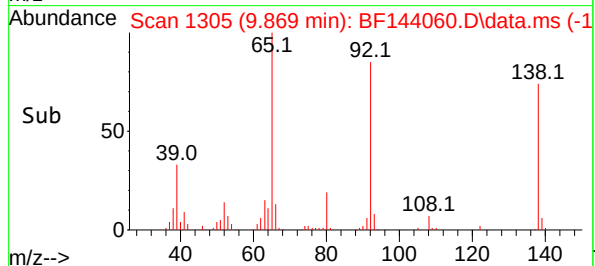
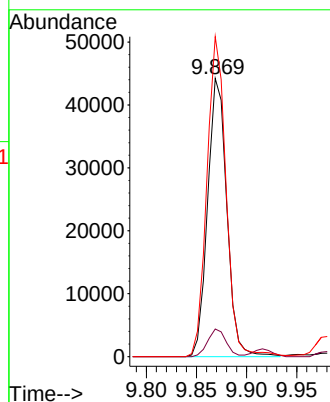
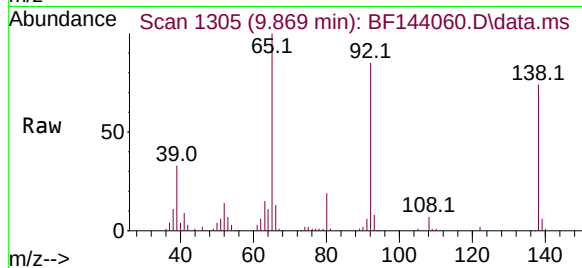
Tgt Ion:138 Resp: 58978

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

92 115.0 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 35.283 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

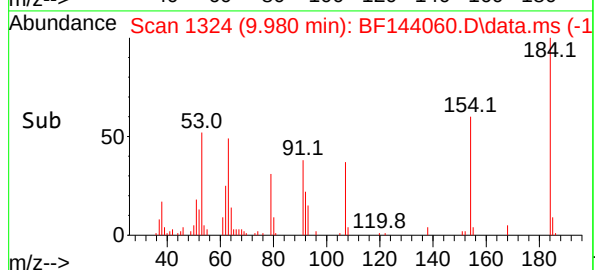
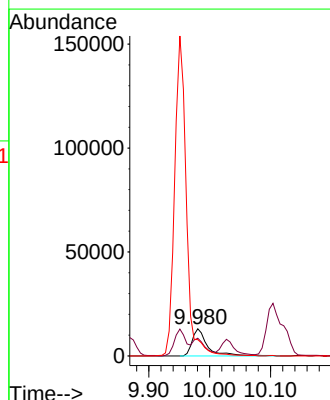
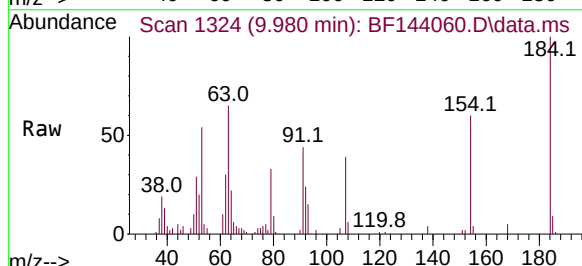
Tgt Ion:184 Resp: 22640

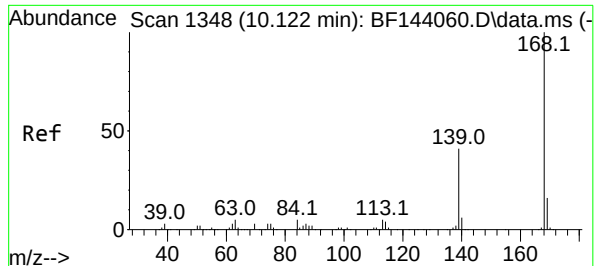
Ion Ratio Lower Upper

184 100

63 65.1 52.1 78.1

154 59.9 47.9 71.9





#55

Dibenzenofuran

Concen: 41.592 ng

RT: 10.122 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

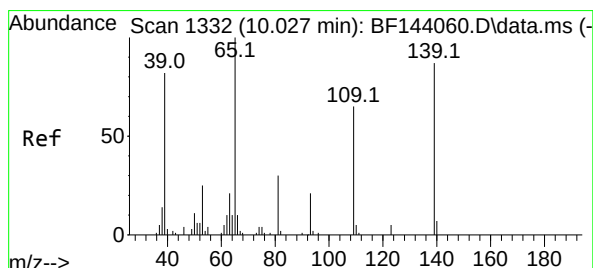
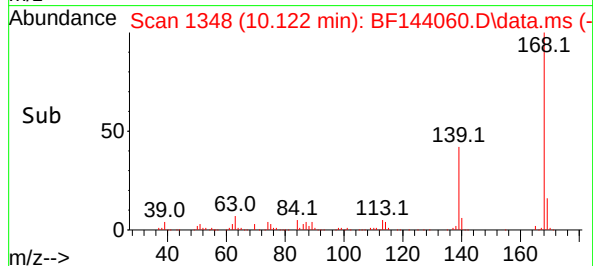
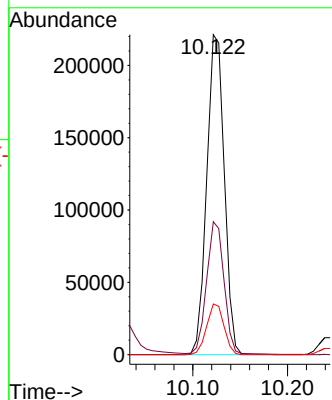
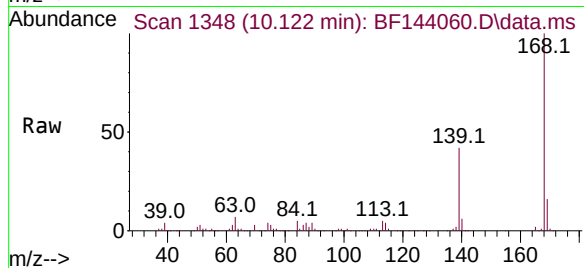
Tgt Ion:168 Resp: 285490

Ion Ratio Lower Upper

168 100

139 41.5 33.2 49.8

169 15.8 12.6 19.0



#56

4-Nitrophenol

Concen: 38.279 ng

RT: 10.027 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

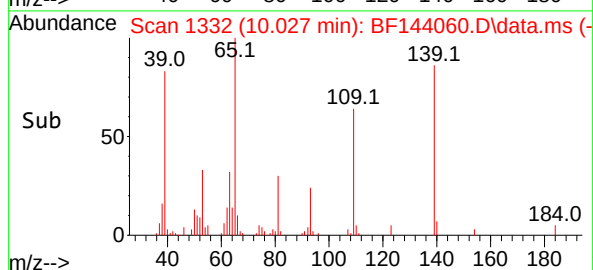
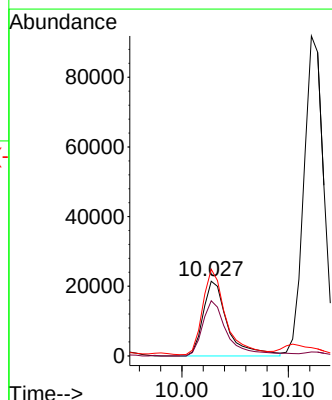
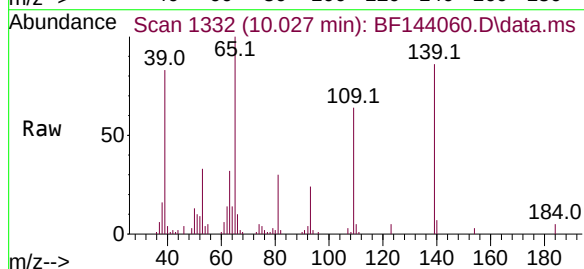
Tgt Ion:139 Resp: 34191

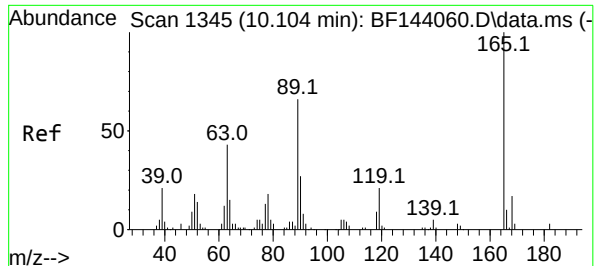
Ion Ratio Lower Upper

139 100

109 73.8 53.8 93.8

65 115.9 95.9 135.9

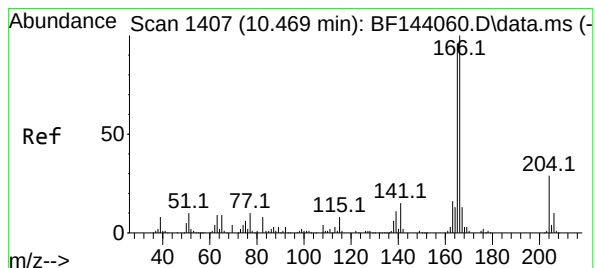
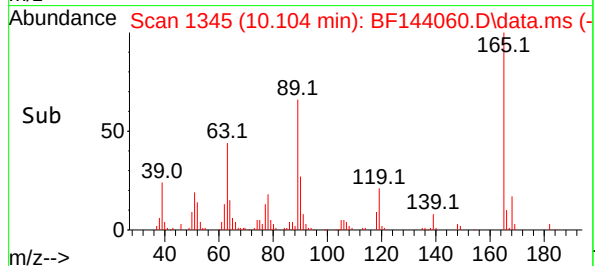
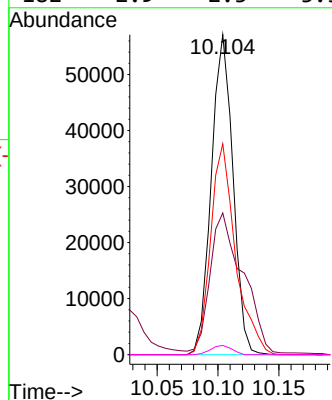
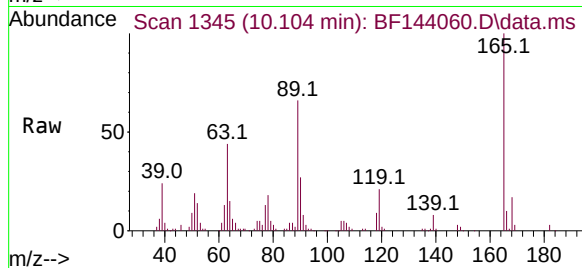




#57
2,4-Dinitrotoluene
Concen: 44.075 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

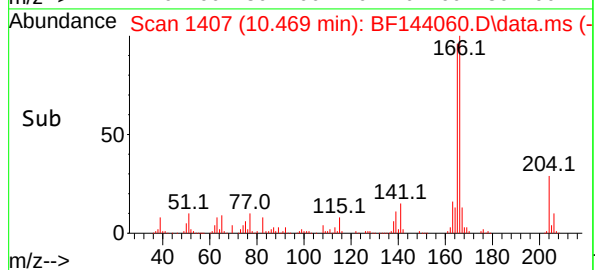
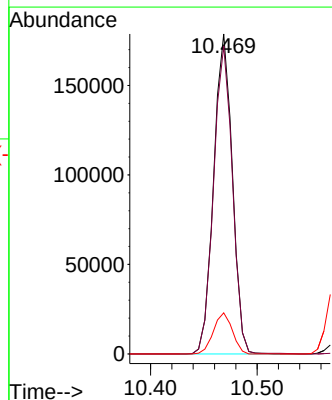
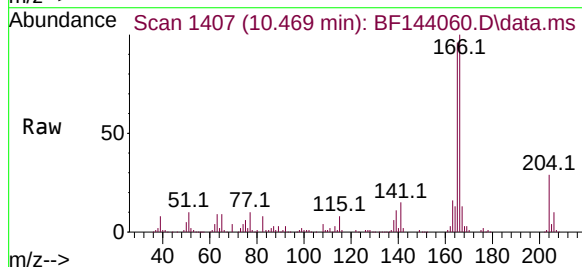
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

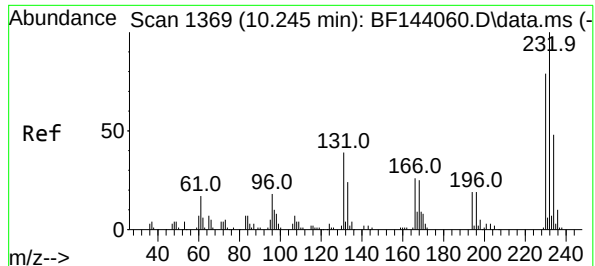
Tgt Ion:165 Resp: 70572
Ion Ratio Lower Upper
165 100
63 44.3 35.4 53.2
89 65.9 52.7 79.1
182 2.9 2.3 3.5



#58
Fluorene
Concen: 41.604 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:166 Resp: 217594
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.4
167 12.8 10.2 15.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.585 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 65926

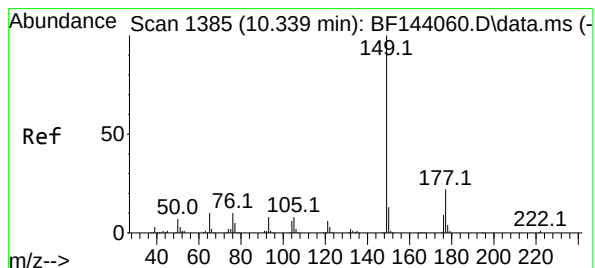
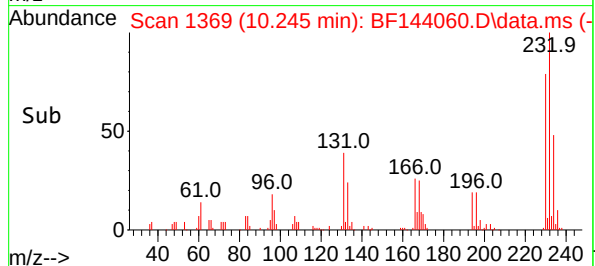
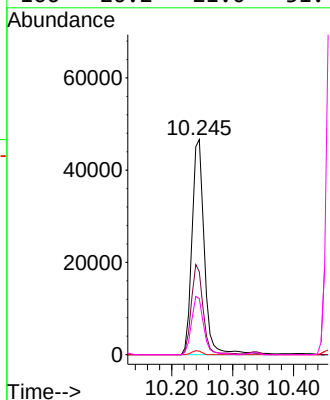
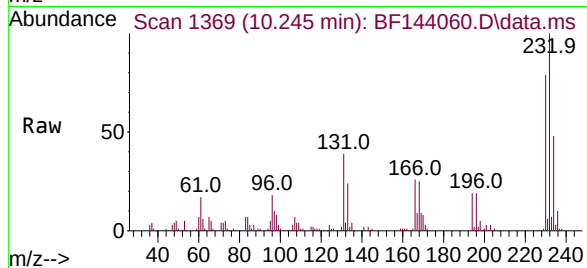
Ion Ratio Lower Upper

232 100

131 39.9 31.9 47.9

130 1.4 1.1 1.7

166 26.2 21.0 31.4



#60

Diethylphthalate

Concen: 41.838 ng

RT: 10.339 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

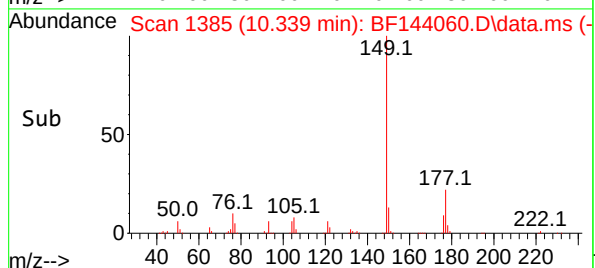
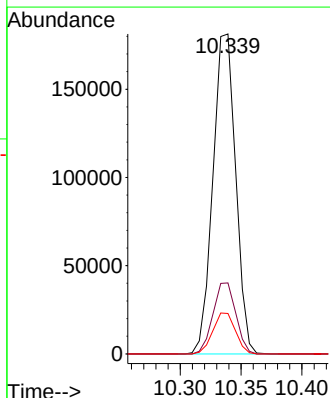
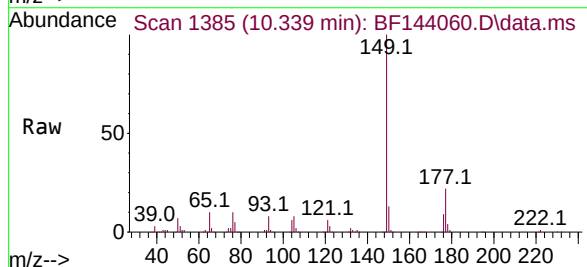
Tgt Ion:149 Resp: 236119

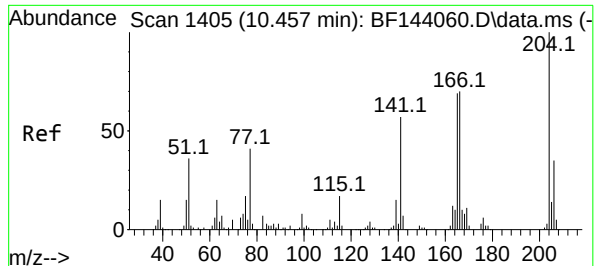
Ion Ratio Lower Upper

149 100

177 22.2 17.8 26.6

150 12.6 10.1 15.1

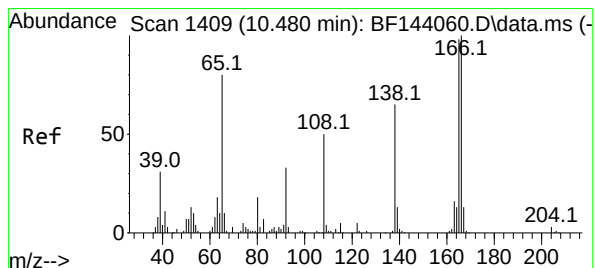
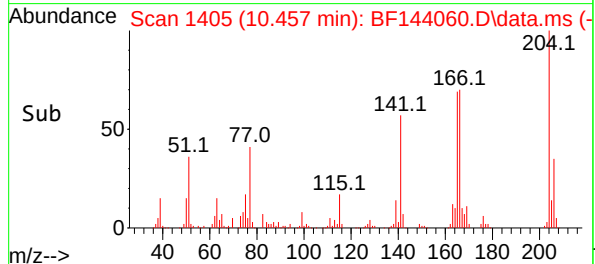
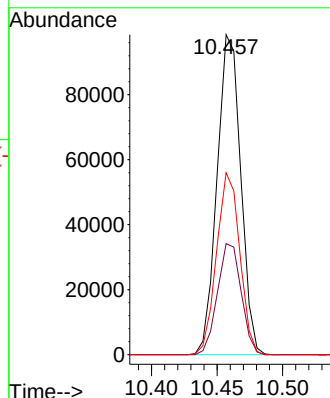
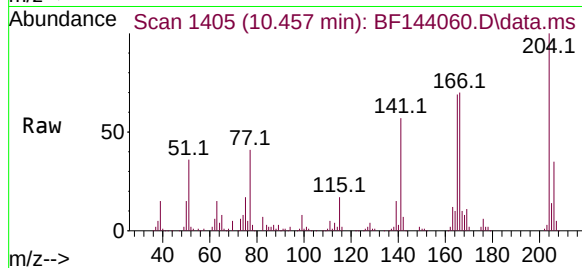




#61
4-Chlorophenyl-phenylether
Concen: 42.022 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

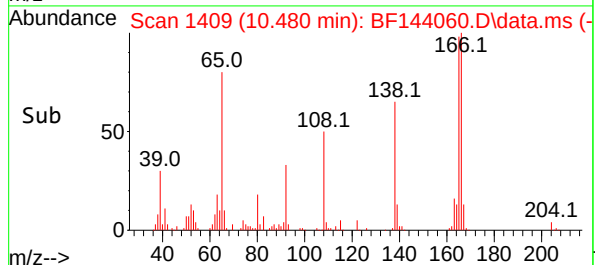
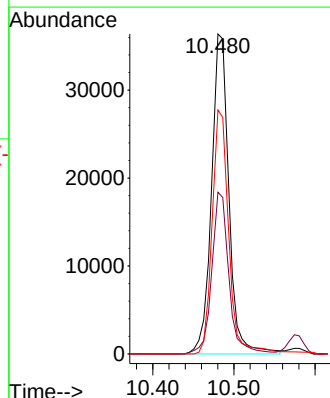
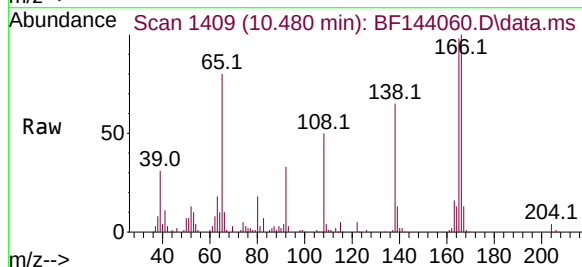
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

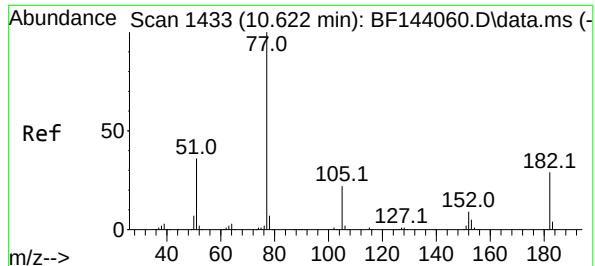
Tgt Ion:204 Resp: 123596
Ion Ratio Lower Upper
204 100
206 34.7 27.8 41.6
141 56.8 45.4 68.2



#62
4-Nitroaniline
Concen: 43.392 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:138 Resp: 54231
Ion Ratio Lower Upper
138 100
92 50.5 30.5 70.5
108 76.2 56.2 96.2

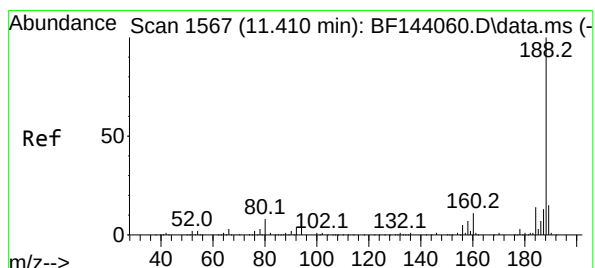
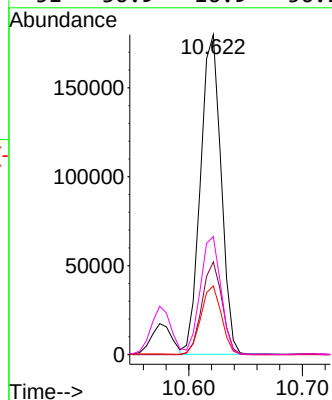
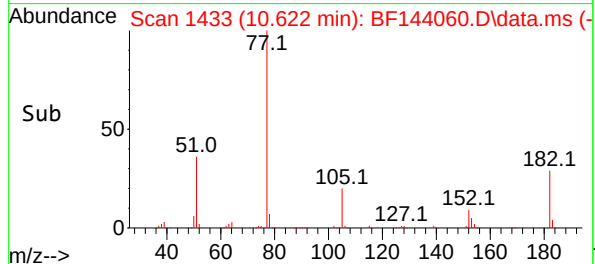
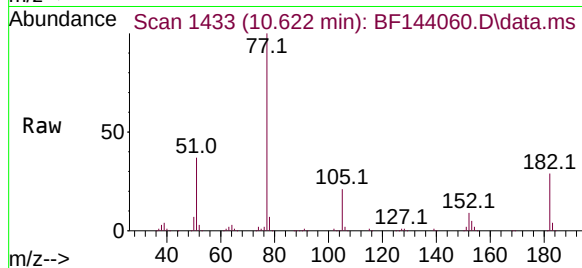




#63
Azobenzene
Concen: 42.381 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

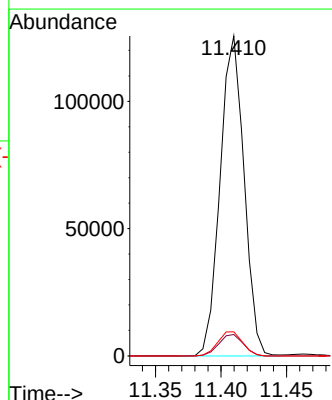
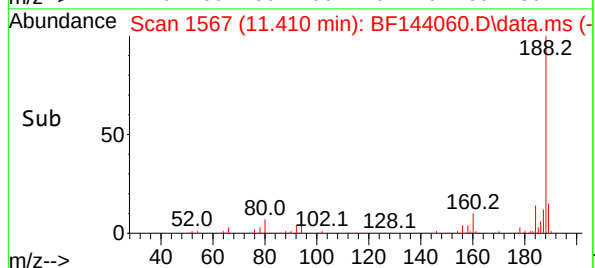
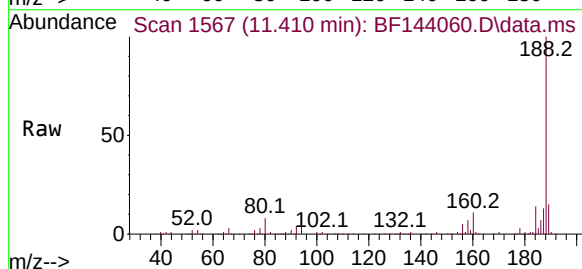
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

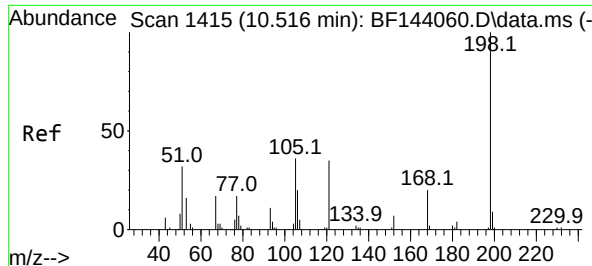
Tgt Ion: 77	Resp: 226383
Ion Ratio	Lower Upper
77 100	
182 29.0	9.0 49.0
105 21.4	1.4 41.4
51 36.9	16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion: 188	Resp: 159613
Ion Ratio	Lower Upper
188 100	
94 6.7	5.4 8.0
80 7.5	6.0 9.0

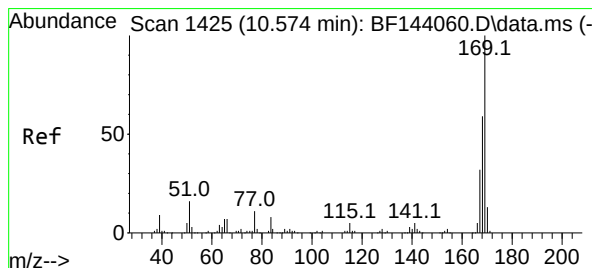
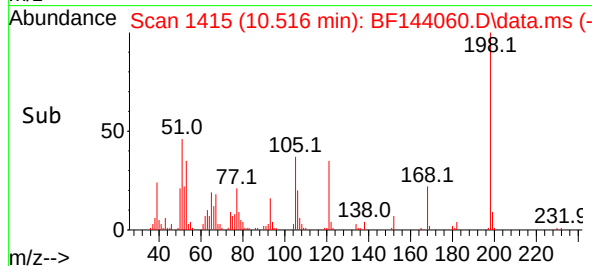
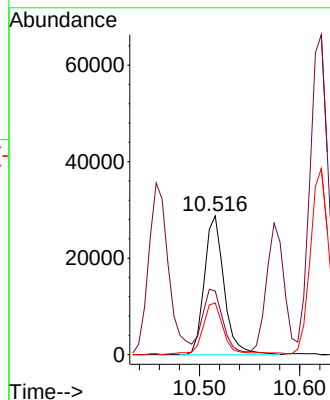
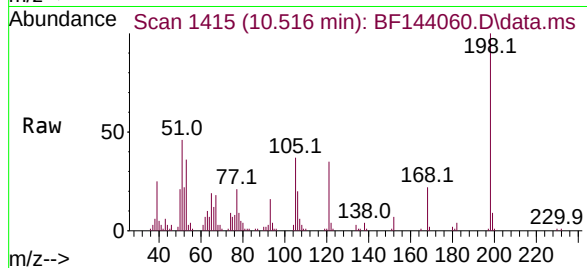




#65
4,6-Dinitro-2-methylphenol
Concen: 38.223 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

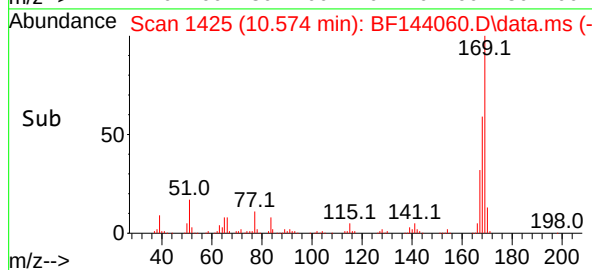
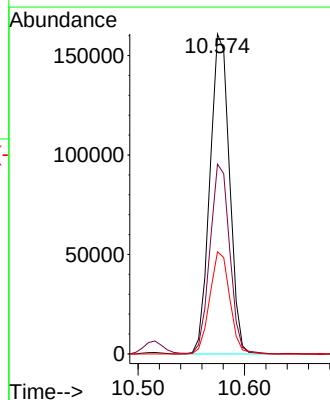
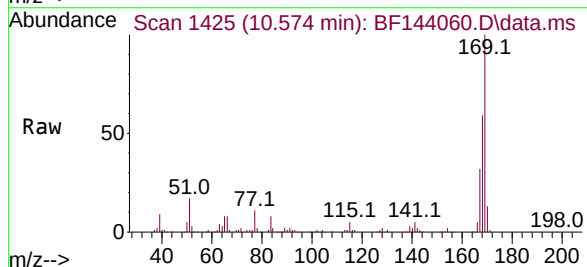
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

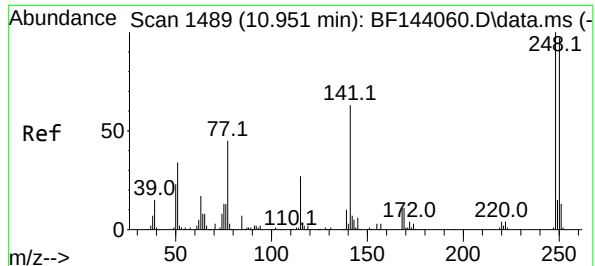
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.8	25.8	65.8
105	37.2	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 40.226 ng
RT: 10.574 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	59.3	47.4	71.2
167	31.9	25.5	38.3

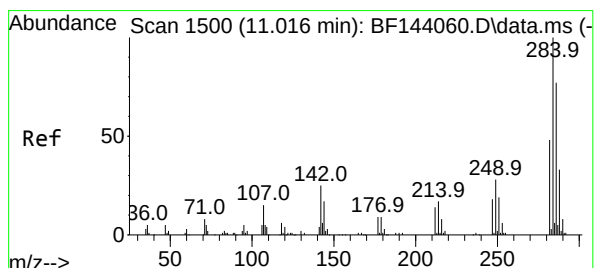
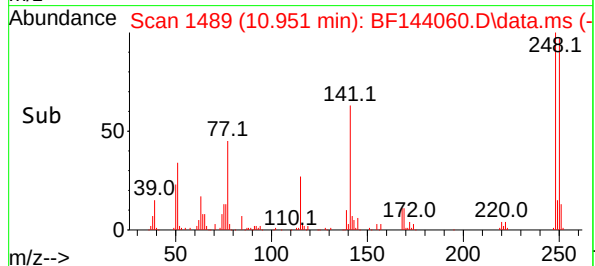
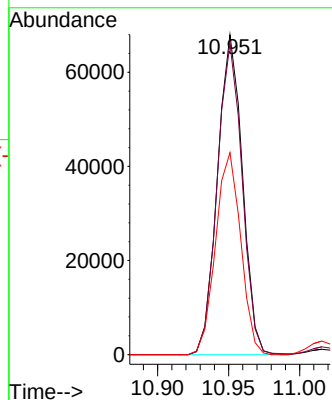
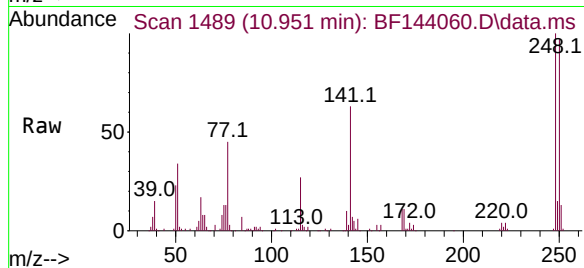




#67
4-Bromophenyl-phenylether
Concen: 41.585 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

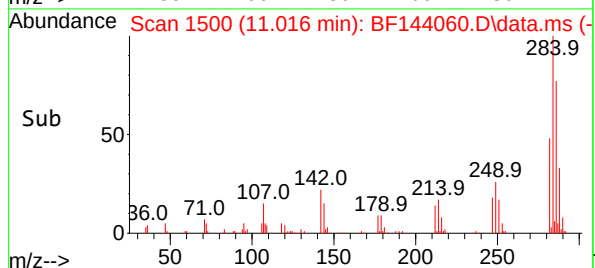
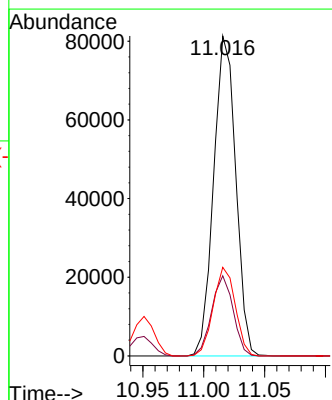
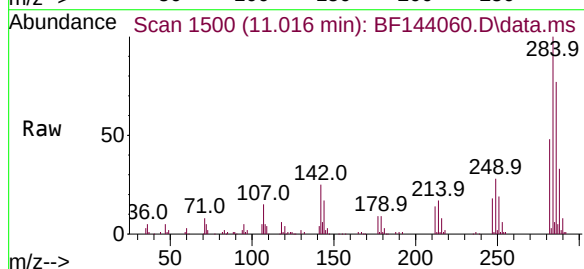
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

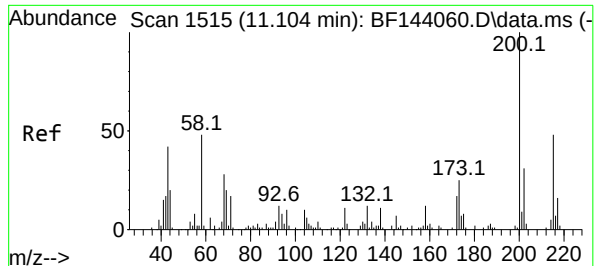
Tgt Ion:248 Resp: 83105
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 63.1 50.5 75.7



#68
Hexachlorobenzene
Concen: 41.869 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:284 Resp: 102619
Ion Ratio Lower Upper
284 100
142 25.0 20.0 30.0
249 27.7 22.2 33.2

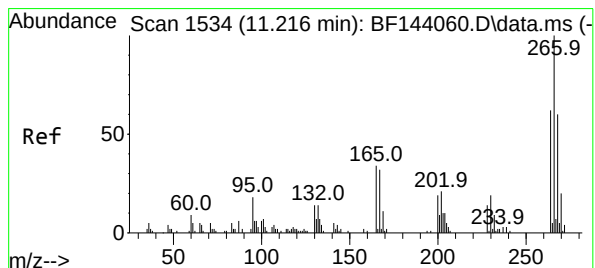
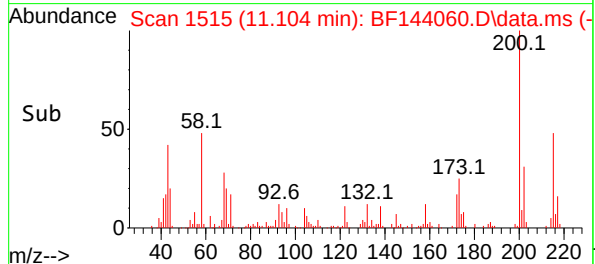
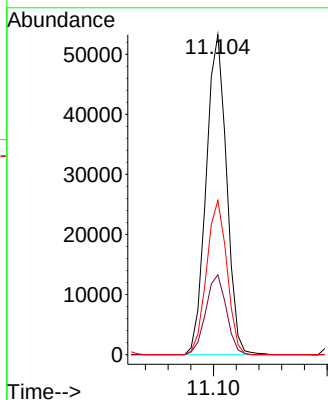
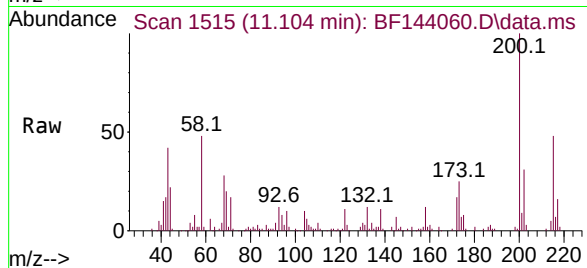




#69
Atrazine
Concen: 39.753 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

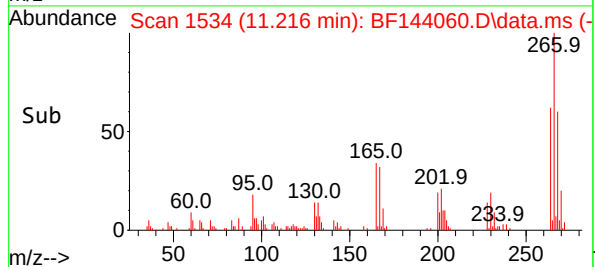
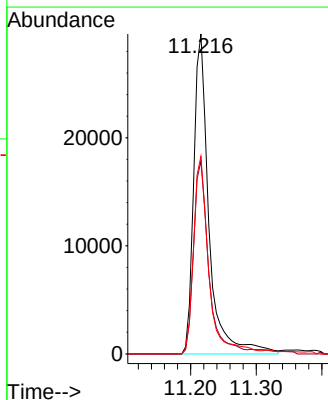
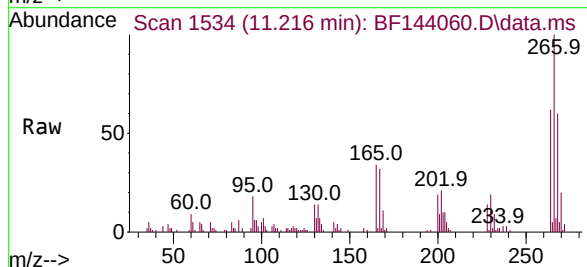
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

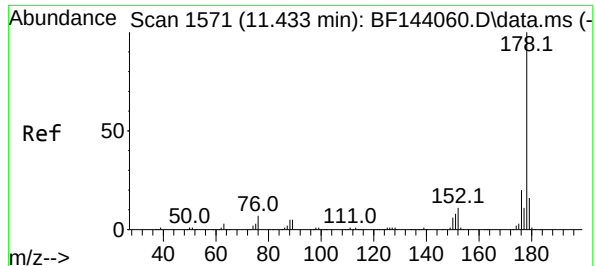
Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.9	4.9	44.9
215	48.2	28.2	68.2



#70
Pentachlorophenol
Concen: 40.953 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.3	48.2	72.4
264	61.7	49.4	74.0

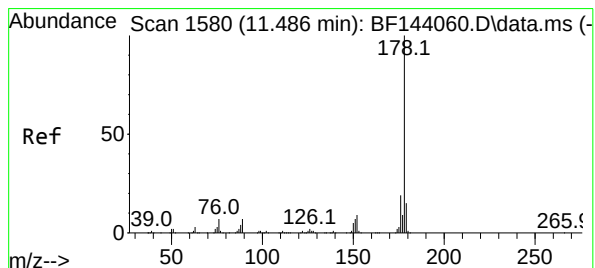
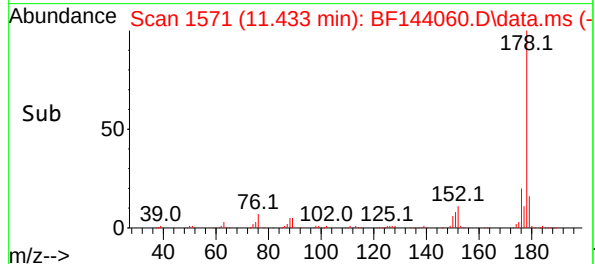
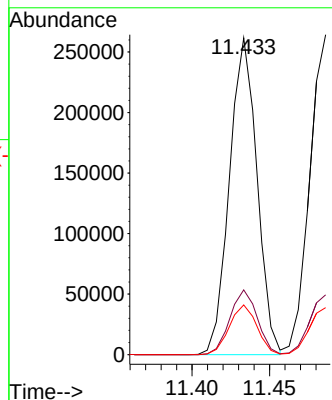
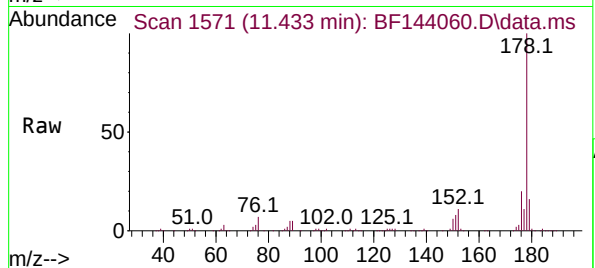




#71
Phenanthrene
Concen: 40.961 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

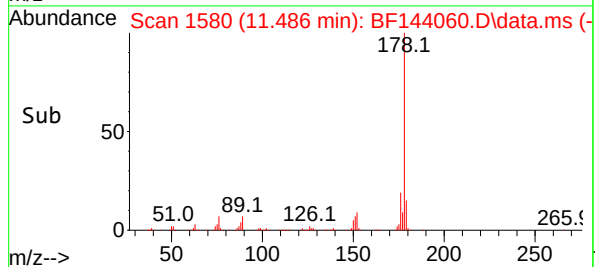
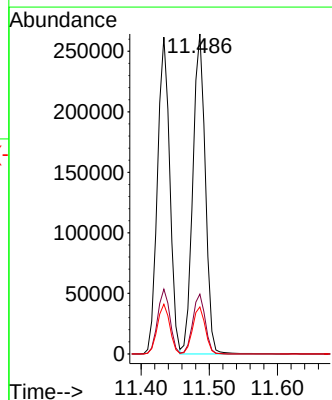
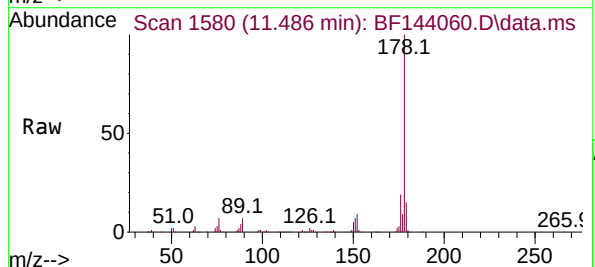
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

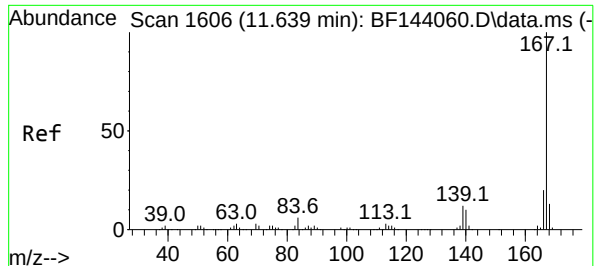
Tgt Ion:178 Resp: 324774
Ion Ratio Lower Upper
178 100
176 20.4 16.3 24.5
179 15.7 12.6 18.8



#72
Anthracene
Concen: 41.053 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

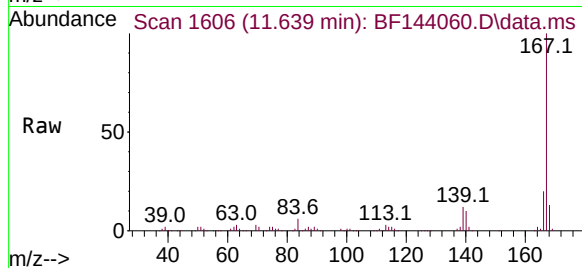
Tgt Ion:178 Resp: 336252
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 14.7 11.8 17.6



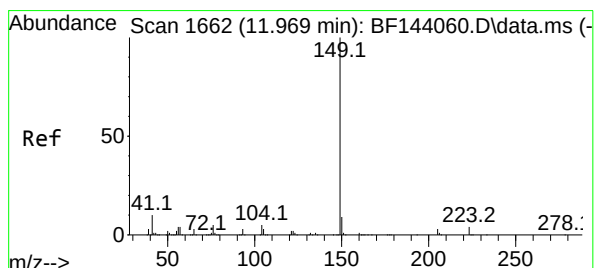
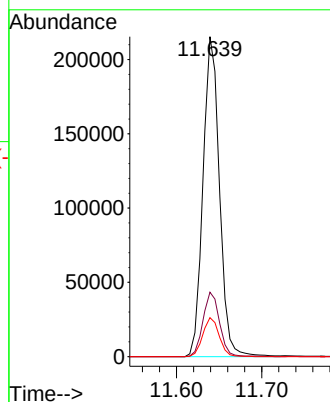
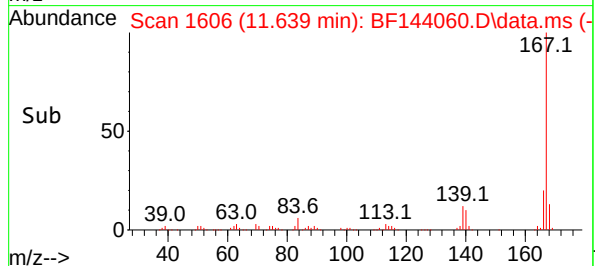


#73
Carbazole
Concen: 41.458 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

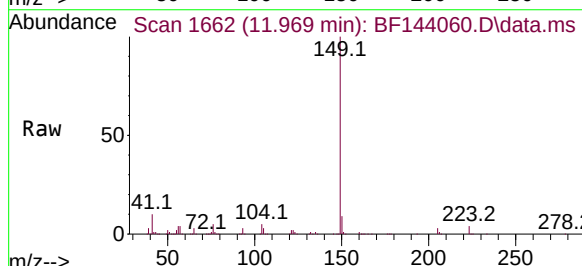
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



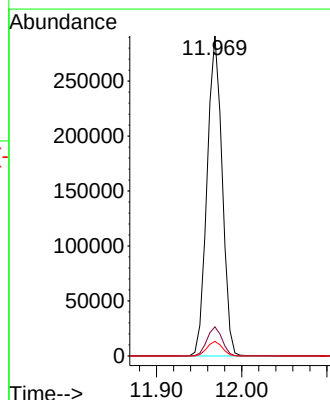
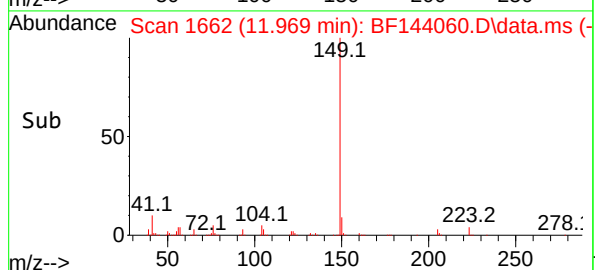
Tgt Ion:167 Resp: 289029
Ion Ratio Lower Upper
167 100
166 20.1 16.1 24.1
139 12.2 9.8 14.6

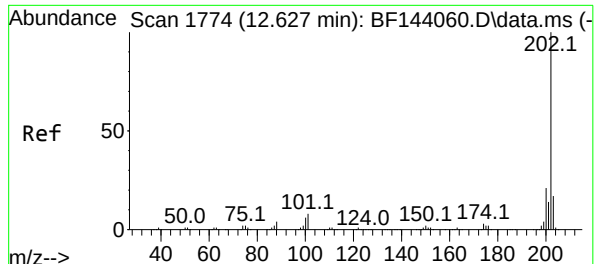


#74
Di-n-butylphthalate
Concen: 41.770 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05



Tgt Ion:149 Resp: 357025
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 4.5 3.6 5.4

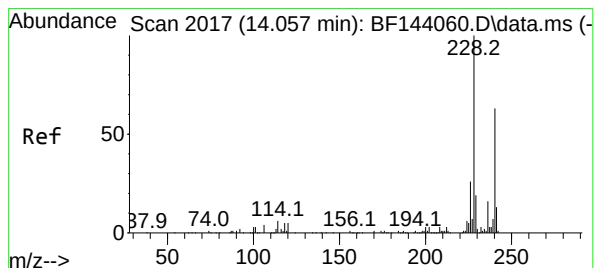
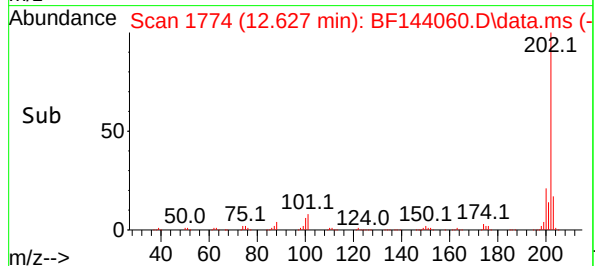
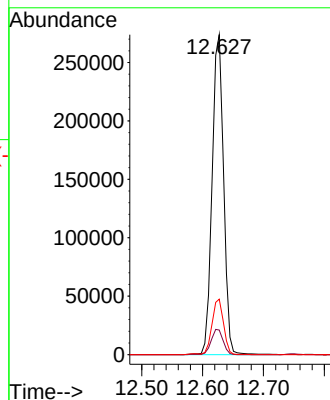
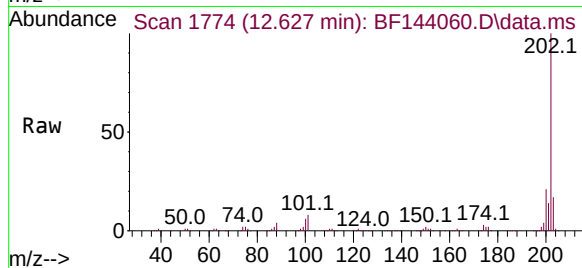




#75
Fluoranthene
Concen: 40.917 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

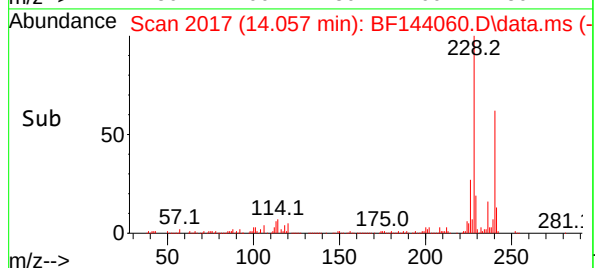
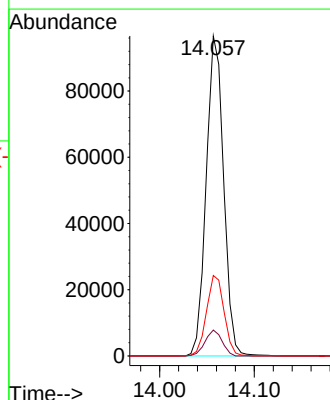
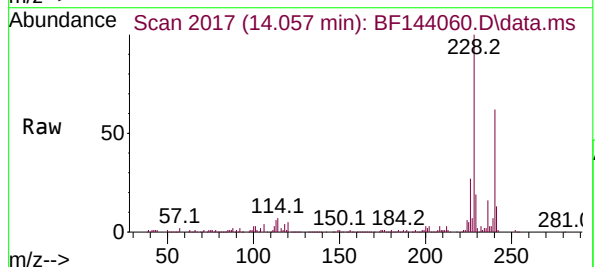
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

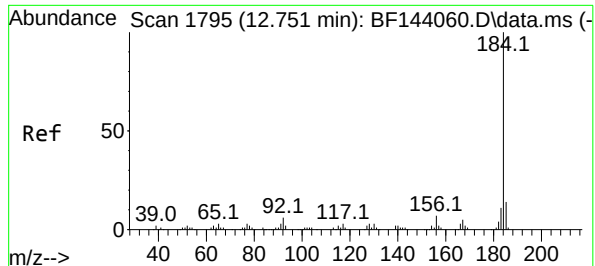
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.7
203	17.3	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.5	9.7
236	25.1	20.1	30.1





#77

Benzidine

Concen: 42.766 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

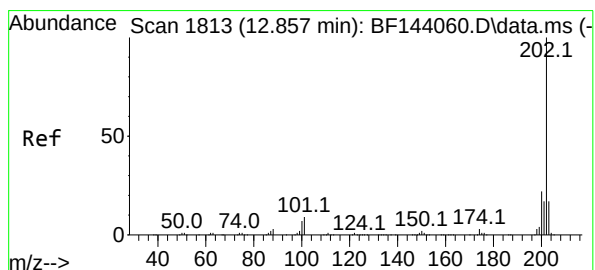
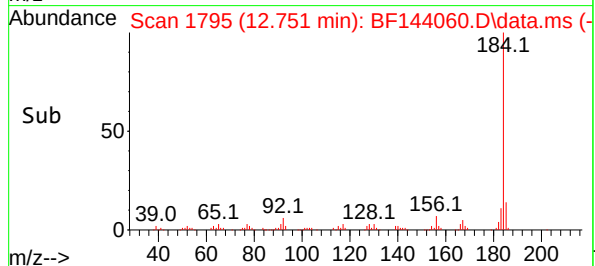
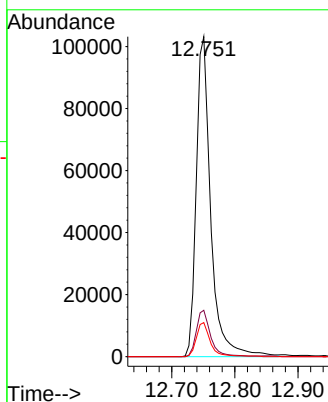
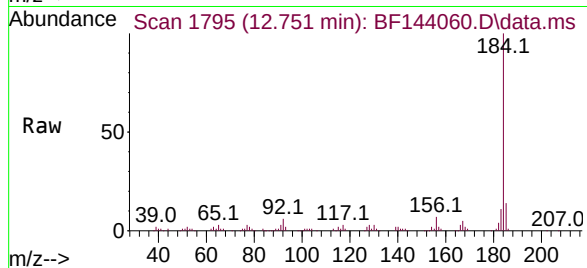
Tgt Ion:184 Resp: 164527

Ion Ratio Lower Upper

184 100

185 14.5 11.6 17.4

183 10.6 8.5 12.7



#78

Pyrene

Concen: 42.300 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

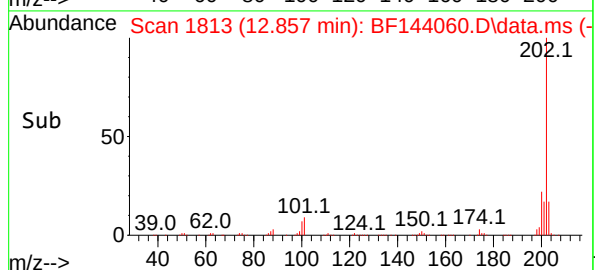
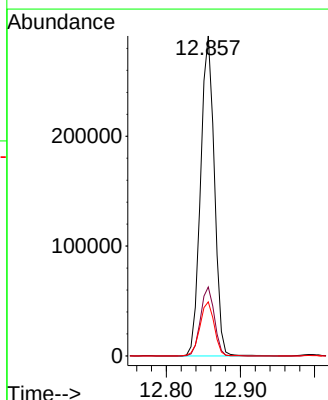
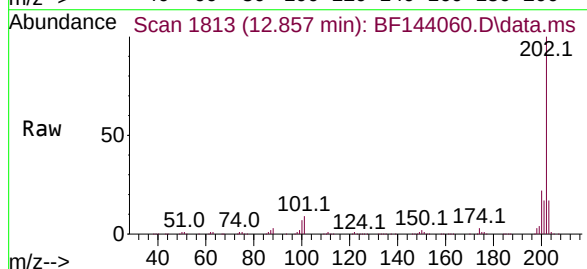
Tgt Ion:202 Resp: 375923

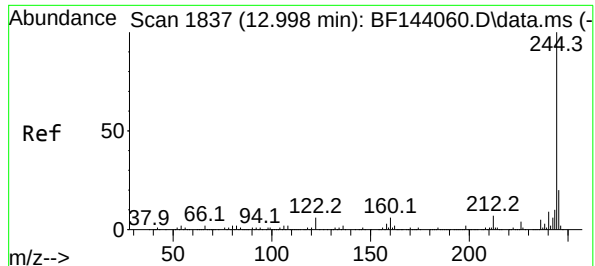
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 16.9 13.5 20.3





#79

Terphenyl-d14

Concen: 84.737 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

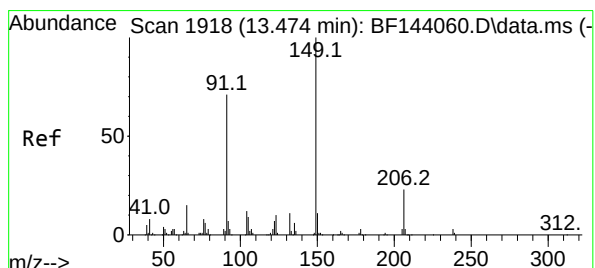
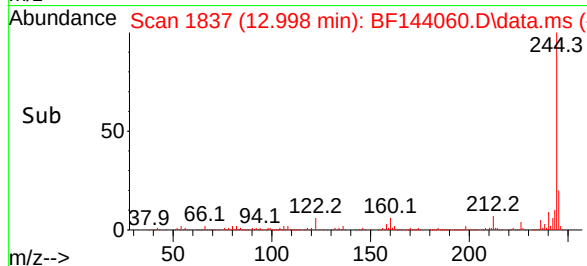
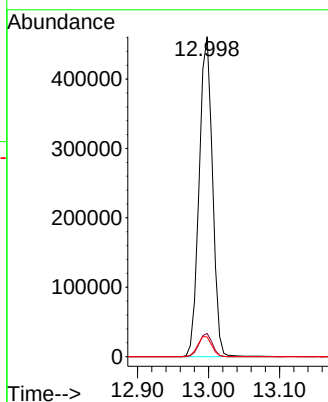
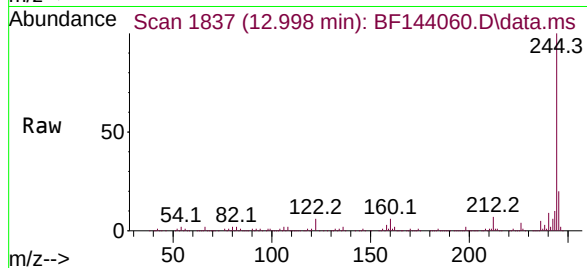
Tgt Ion:244 Resp: 599175

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 6.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 44.204 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

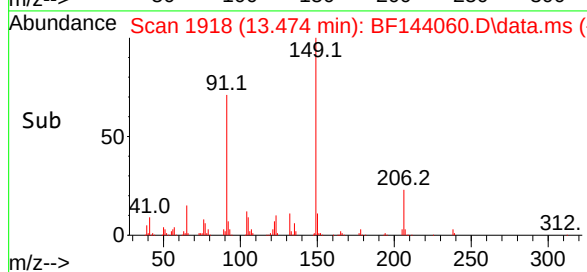
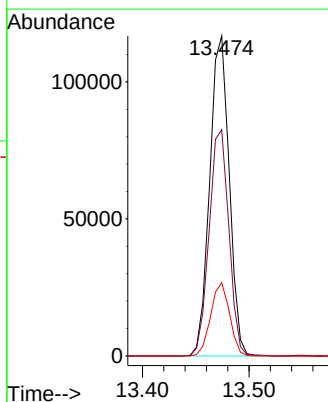
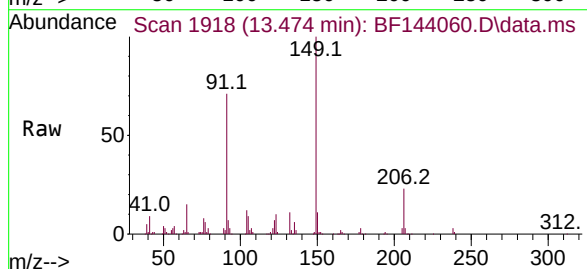
Tgt Ion:149 Resp: 148621

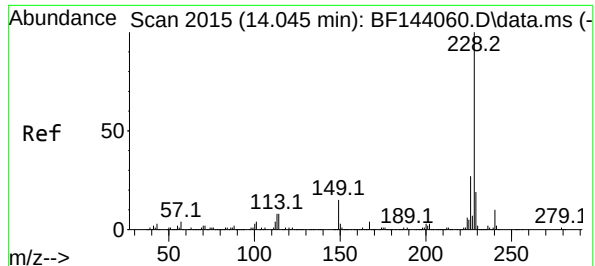
Ion Ratio Lower Upper

149 100

91 70.7 56.6 84.8

206 22.9 18.3 27.5

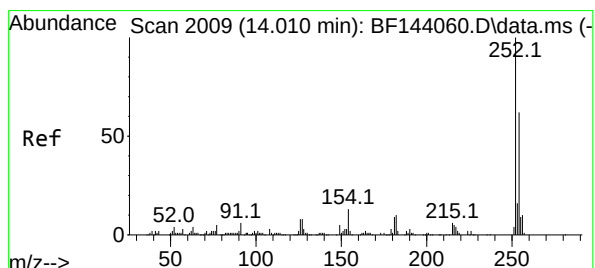
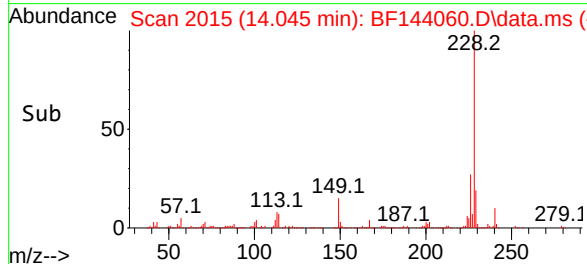
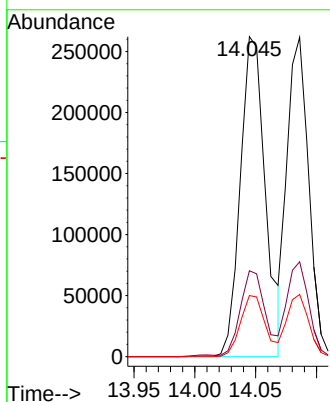
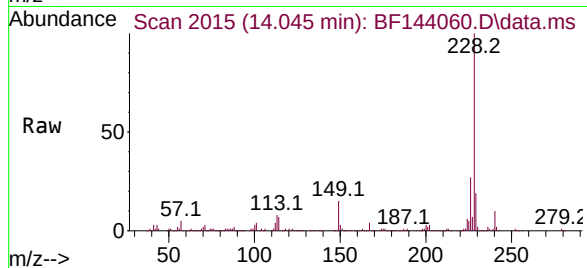




#81
Benzo(a)anthracene
Concen: 44.863 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

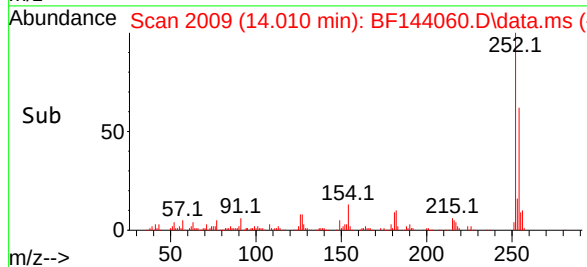
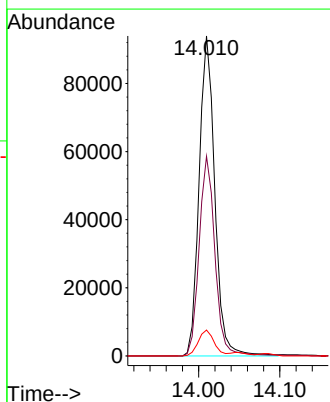
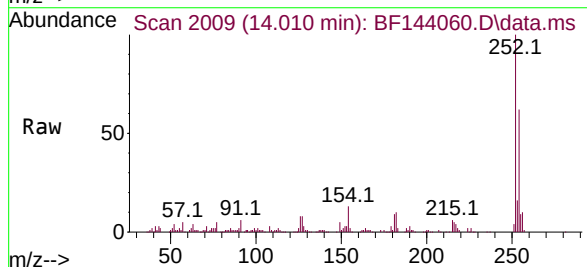
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

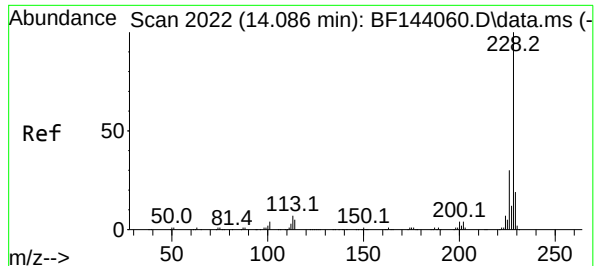
Tgt Ion:228 Resp: 374791
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.1 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 43.337 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

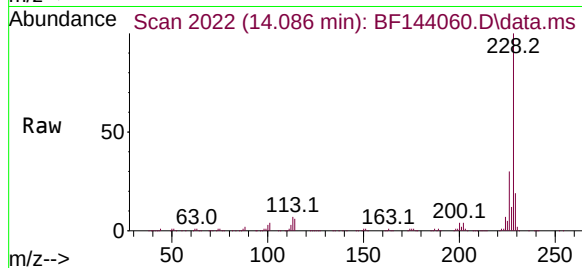
Tgt Ion:252 Resp: 126028
Ion Ratio Lower Upper
252 100
254 62.4 49.9 74.9
126 8.1 6.5 9.7



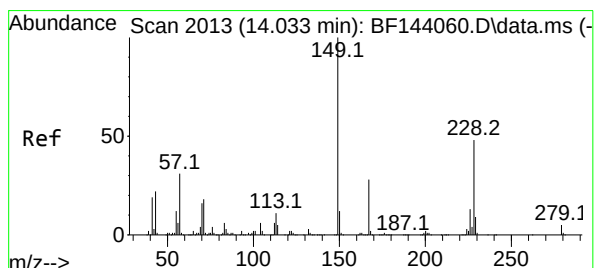
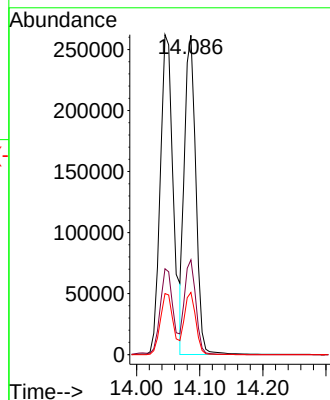
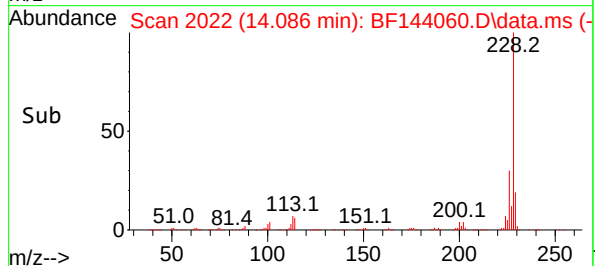


#83
Chrysene
Concen: 41.590 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

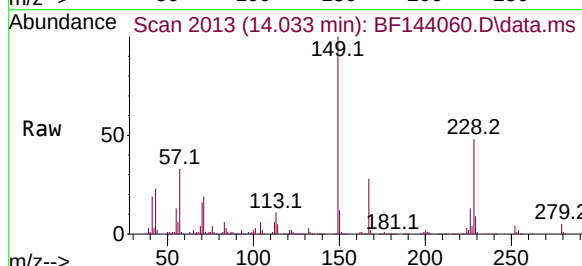
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



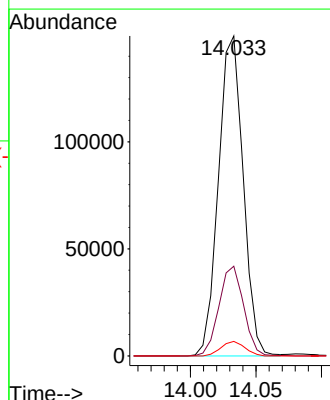
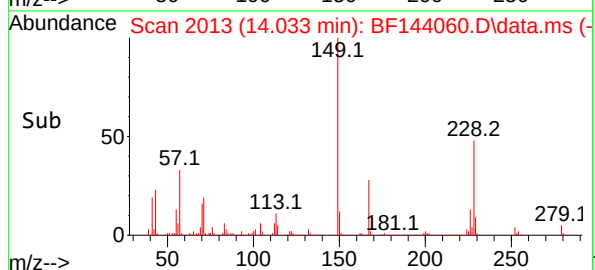
Tgt Ion:228 Resp: 326041
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.6
229 19.5 15.6 23.4

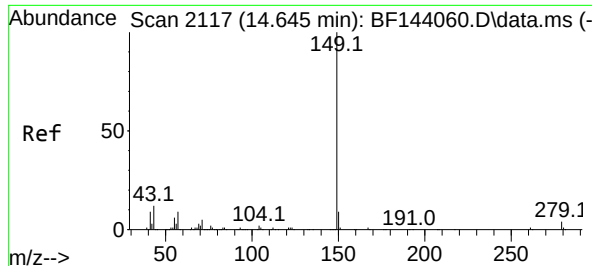


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.805 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05



Tgt Ion:149 Resp: 196471
Ion Ratio Lower Upper
149 100
167 28.1 22.5 33.7
279 4.5 3.6 5.4

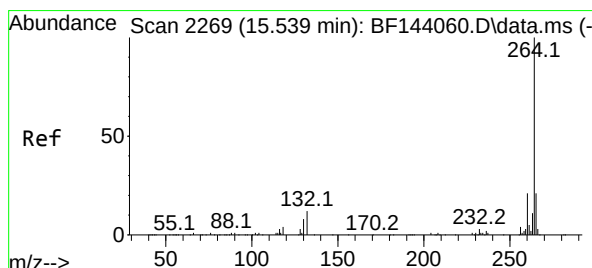
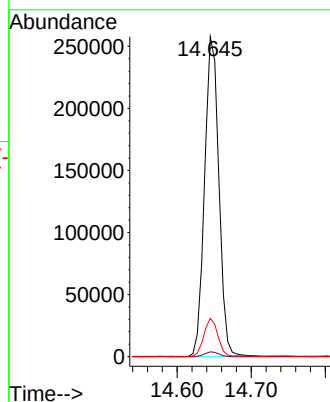
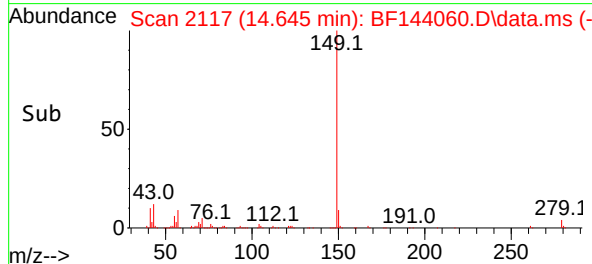
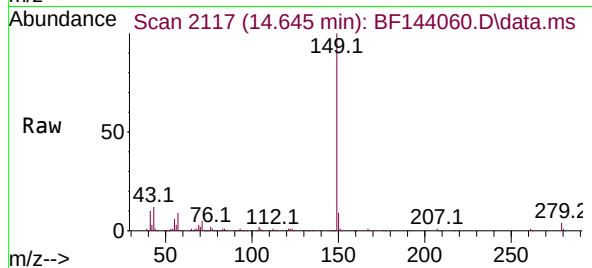




#85
Di-n-octyl phthalate
Concen: 43.804 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

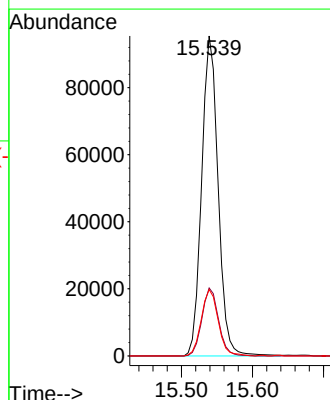
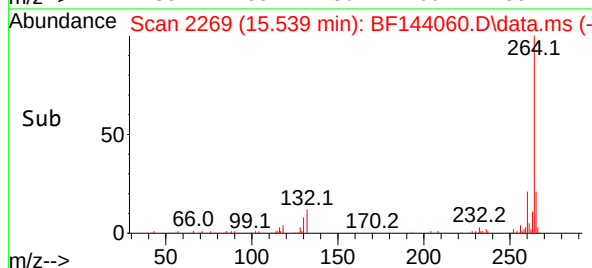
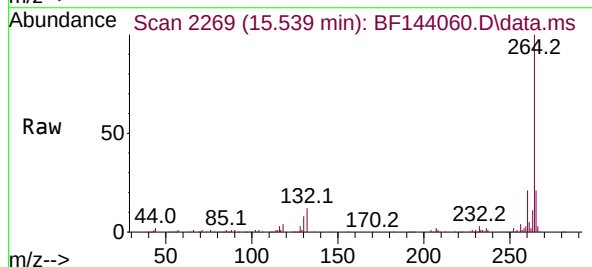
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

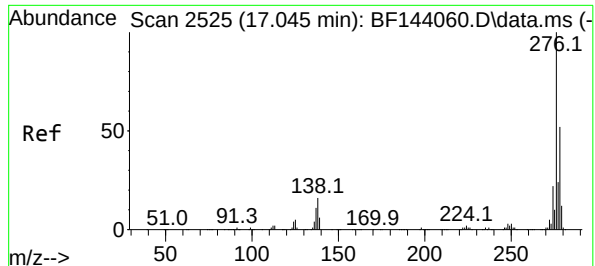
Tgt Ion:149 Resp: 345760
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:264 Resp: 152855
Ion Ratio Lower Upper
264 100
260 21.2 17.0 25.4
265 20.7 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.020 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

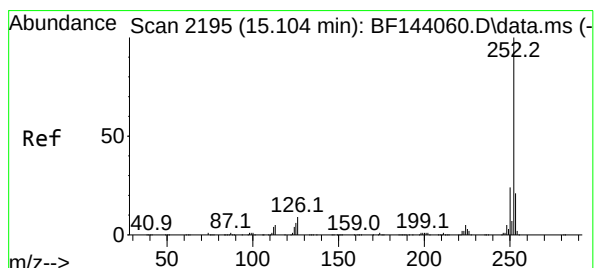
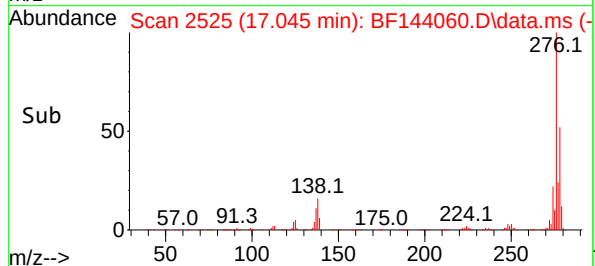
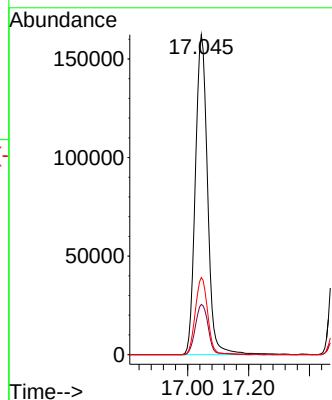
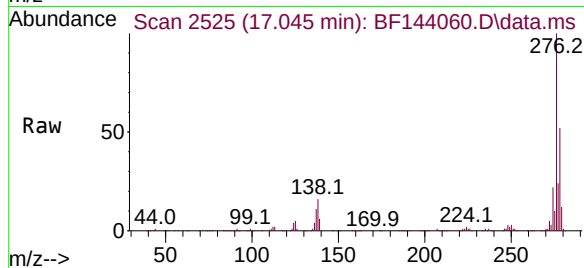
Tgt Ion:276 Resp: 451467

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 44.700 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

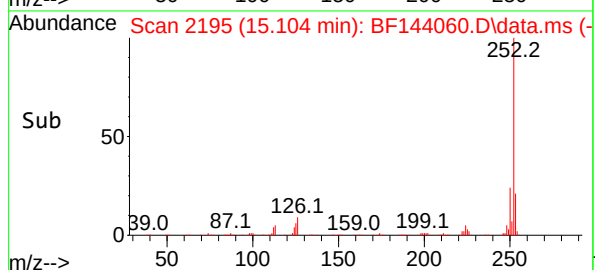
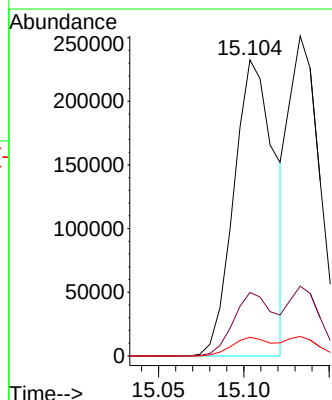
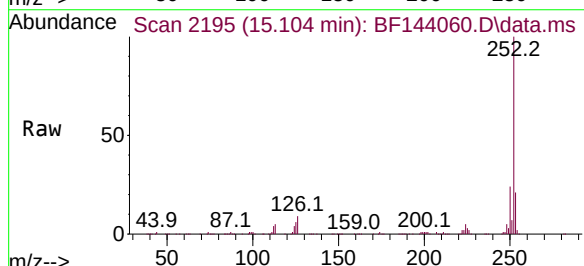
Tgt Ion:252 Resp: 386268

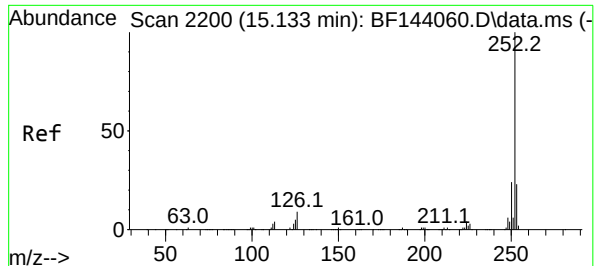
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 6.3 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 40.621 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

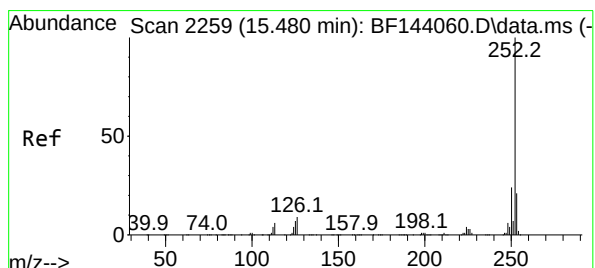
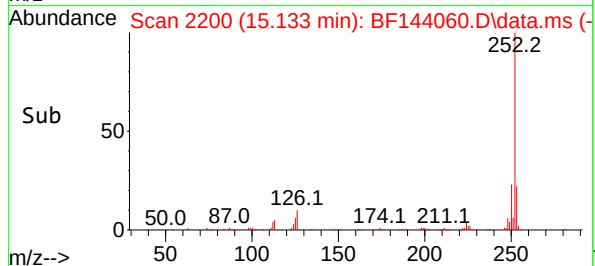
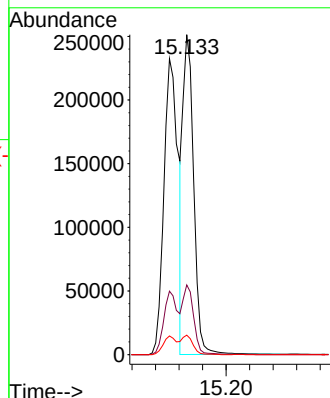
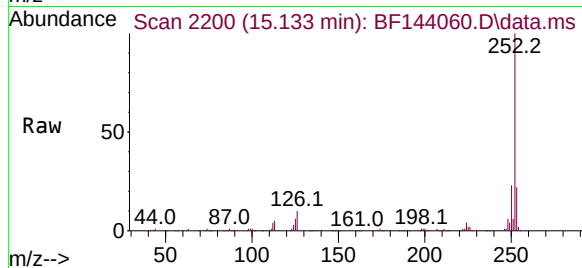
Tgt Ion:252 Resp: 323867

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.1 4.9 7.3



#90

Benzo(a)pyrene

Concen: 42.927 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144060.D

Acq: 24 Oct 2025 13:05

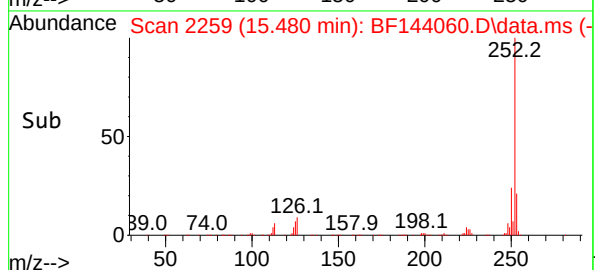
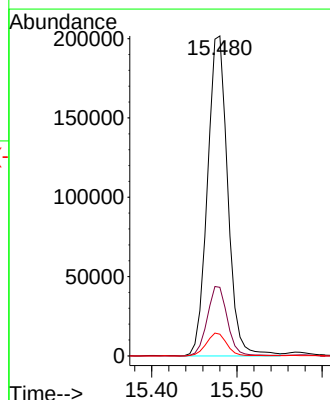
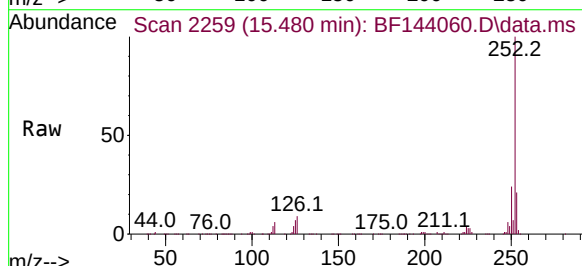
Tgt Ion:252 Resp: 332791

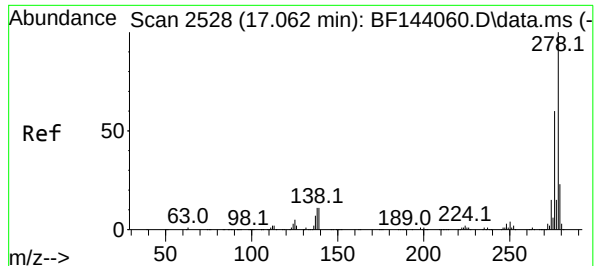
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 6.8 5.4 8.2

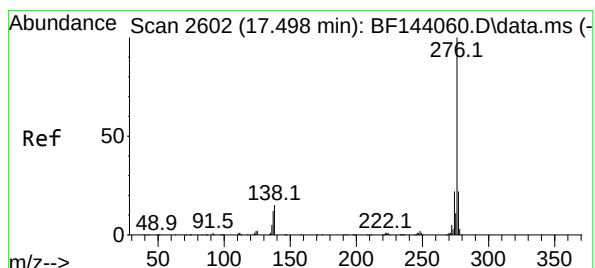
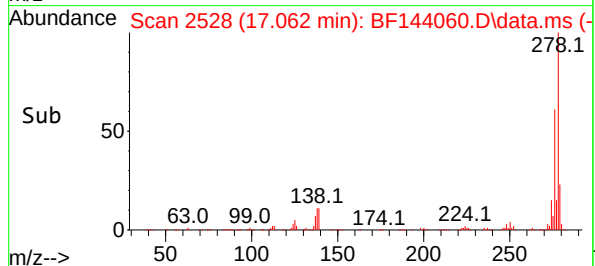
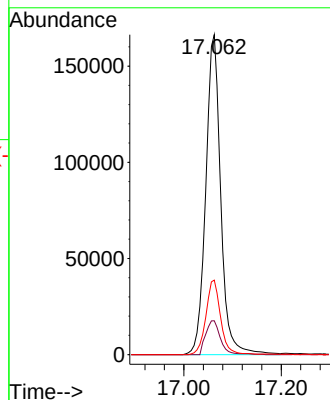
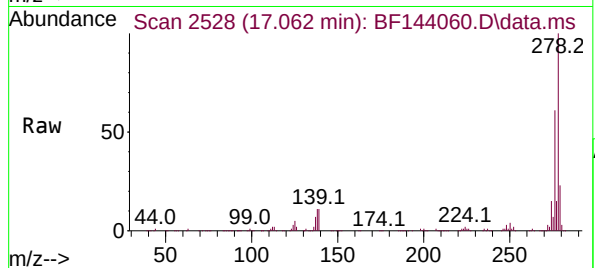




#91
Dibenzo(a,h)anthracene
Concen: 42.914 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

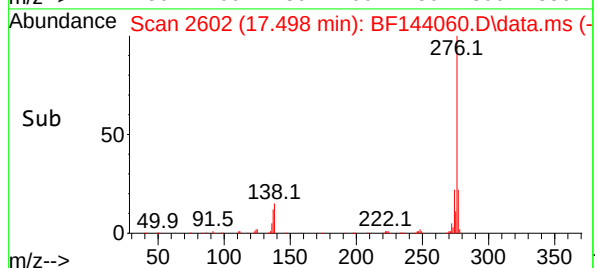
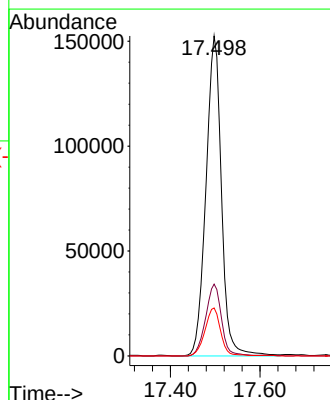
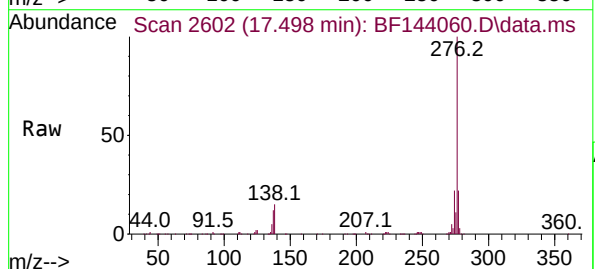
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:278 Resp: 356487
Ion Ratio Lower Upper
278 100
139 10.6 8.5 12.7
279 23.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 43.758 ng
RT: 17.498 min Scan# 2602
Delta R.T. 0.000 min
Lab File: BF144060.D
Acq: 24 Oct 2025 13:05

Tgt Ion:276 Resp: 365458
Ion Ratio Lower Upper
276 100
277 22.4 17.9 26.9
138 15.0 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144061.D
 Acq On : 24 Oct 2025 13:34
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Oct 24 17:04:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	52198	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	187852	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	95790	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	163068	20.000	ng	0.00
76) Chrysene-d12	14.057	240	133555	20.000	ng	0.00
86) Perylene-d12	15.539	264	170761	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	303472	91.982	ng	0.00
7) Phenol-d6	6.504	99	336307	92.298	ng	0.00
23) Nitrobenzene-d5	7.445	82	314744	91.795	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	115501	94.659	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	618497	90.861	ng	0.00
79) Terphenyl-d14	12.998	244	669013	87.573	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	67694	47.481	ng	99
3) Pyridine	3.399	79	186251	48.798	ng	99
4) n-Nitrosodimethylamine	3.346	42	108941	46.451	ng	96
6) Aniline	6.545	93	236051	45.283	ng	97
8) 2-Chlorophenol	6.663	128	146647	45.134	ng	100
9) Benzaldehyde	6.434	77	125111	44.224	ng	99
10) Phenol	6.522	94	205466	45.707	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	147198	45.316	ng	100
12) 1,3-Dichlorobenzene	6.822	146	184614	46.062	ng	99
13) 1,4-Dichlorobenzene	6.898	146	178849	45.279	ng	99
14) 1,2-Dichlorobenzene	7.051	146	176825	46.267	ng	98
15) Benzyl Alcohol	7.022	79	137745	46.492	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	280440	45.937	ng	100
17) 2-Methylphenol	7.128	107	114018	45.627	ng	96
18) Hexachloroethane	7.392	117	66036	46.762	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	104565	44.378	ng	99
20) 3+4-Methylphenols	7.281	107	135141	45.746	ng	96
22) Acetophenone	7.287	105	186463	45.930	ng	99
24) Nitrobenzene	7.463	77	169181	46.643	ng	97
25) Isophorone	7.698	82	274478	45.788	ng	99
26) 2-Nitrophenol	7.781	139	78217	45.330	ng	96
27) 2,4-Dimethylphenol	7.810	122	119169	46.475	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	171275	45.816	ng	99
29) 2,4-Dichlorophenol	8.016	162	137586	46.140	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	141259	46.047	ng	100
31) Naphthalene	8.187	128	400308	45.150	ng	99
32) Benzoic acid	7.922	122	68843	42.326	ng	90
33) 4-Chloroaniline	8.234	127	139897	45.326	ng	99
34) Hexachlorobutadiene	8.298	225	113173	45.117	ng	99
35) Caprolactam	8.598	113	33776	45.169	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	120661	45.853	ng	96
37) 2-Methylnaphthalene	8.875	142	257754	44.094	ng	95
38) 1-Methylnaphthalene	8.975	142	245890	44.400	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	150659	45.764	ng	99
41) Hexachlorocyclopentadiene	9.028	237	49167	48.354	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	102347	47.829	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144061.D
 Acq On : 24 Oct 2025 13:34
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

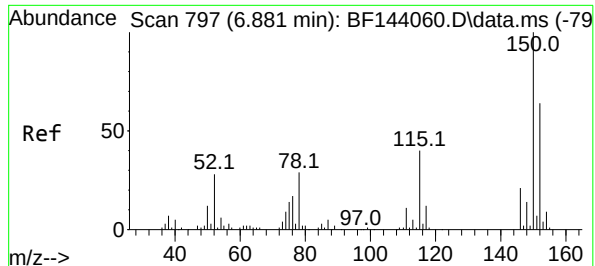
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	102322	45.562	ng	99
46) 1,1'-Biphenyl	9.339	154	315397	45.996	ng	99
47) 2-Chloronaphthalene	9.363	162	263764	45.914	ng	98
48) 2-Nitroaniline	9.463	65	79650	46.691	ng	93
49) Acenaphthylene	9.781	152	353529	45.641	ng	100
50) Dimethylphthalate	9.633	163	291936	46.495	ng	99
51) 2,6-Dinitrotoluene	9.698	165	60313	48.590	ng	98
52) Acenaphthene	9.951	154	239254	46.250	ng	98
53) 3-Nitroaniline	9.869	138	67246	48.727	ng	98
54) 2,4-Dinitrophenol	9.981	184	27746	41.328	ng	95
55) Dibenzofuran	10.122	168	333154	46.390	ng	100
56) 4-Nitrophenol	10.028	139	41829	44.760	ng	98
57) 2,4-Dinitrotoluene	10.104	165	80539	48.075	ng	96
58) Fluorene	10.469	166	249298	45.558	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77175	48.766	ng	# 97
60) Diethylphthalate	10.339	149	274281	46.451	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	141601	46.015	ng	96
62) 4-Nitroaniline	10.486	138	62266	47.618	ng	99
63) Azobenzene	10.622	77	264030	47.243	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	46938	44.864	ng	95
66) n-Nitrosodiphenylamine	10.575	169	240557	46.171	ng	97
67) 4-Bromophenyl-phenylether	10.951	248	93911	45.996	ng	98
68) Hexachlorobenzene	11.016	284	111943	44.706	ng	96
69) Atrazine	11.104	200	75502	44.162	ng	98
70) Pentachlorophenol	11.216	266	58380	48.981	ng	98
71) Phenanthrene	11.433	178	374285	46.205	ng	99
72) Anthracene	11.486	178	380096	45.423	ng	99
73) Carbazole	11.639	167	333654	46.845	ng	98
74) Di-n-butylphthalate	11.969	149	408630	46.795	ng	99
75) Fluoranthene	12.627	202	406402	45.411	ng	99
77) Benzidine	12.751	184	171303	41.214	ng	99
78) Pyrene	12.857	202	432441	45.038	ng	99
80) Butylbenzylphthalate	13.474	149	164976	45.417	ng	99
81) Benzo(a)anthracene	14.045	228	402629	44.609	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	134912	42.940	ng	95
83) Chrysene	14.086	228	393508	46.461	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	230343	46.450	ng	96
85) Di-n-octyl phthalate	14.645	149	393623	46.156	ng	98
87) Indeno(1,2,3-cd)pyrene	17.045	276	552781	47.151	ng	100
88) Benzo(b)fluoranthene	15.104	252	450302	46.646	ng	98
89) Benzo(k)fluoranthene	15.133	252	386955	43.445	ng	99
90) Benzo(a)pyrene	15.480	252	402167	46.436	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	437275	47.119	ng	100
92) Benzo(g,h,i)perylene	17.504	276	436689	46.804	ng	99

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

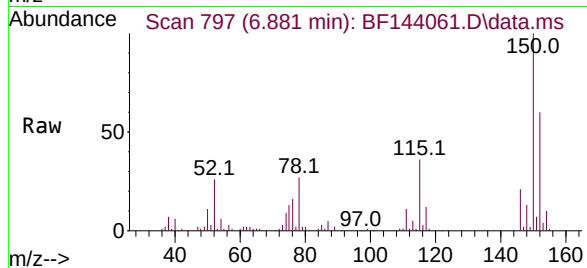
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BNA_F
ClientSampleId :
SSTDICC050

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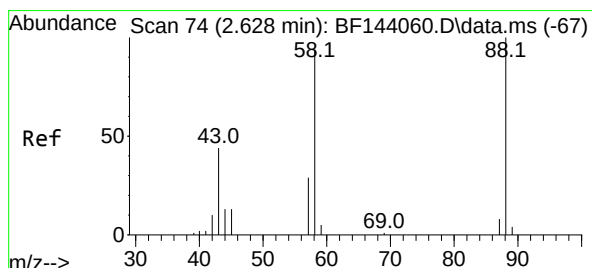
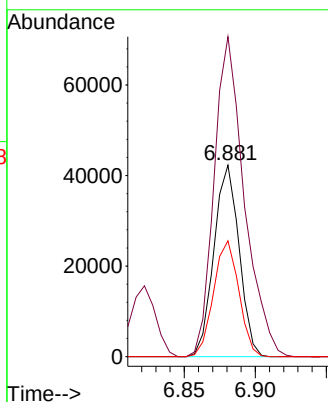
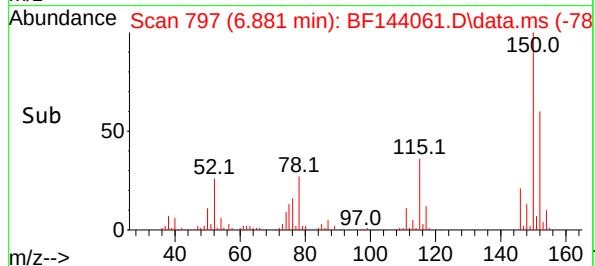


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

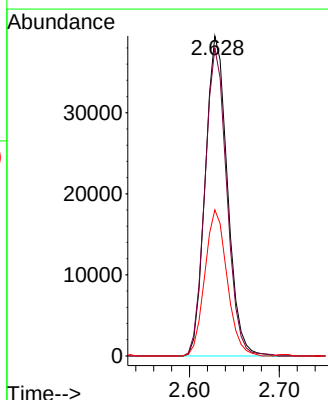
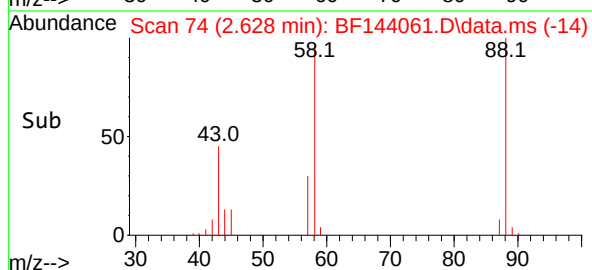
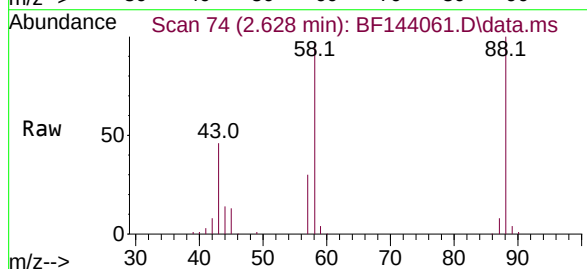


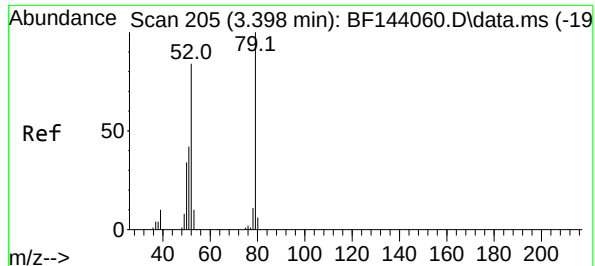
Tgt Ion:152 Resp: 52198
Ion Ratio Lower Upper
152 100
150 167.1 124.4 186.6
115 60.5 49.4 74.0



#2
1,4-Dioxane
Concen: 47.481 ng
RT: 2.628 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 88 Resp: 67694
Ion Ratio Lower Upper
88 100
58 95.6 76.5 114.7
43 46.0 35.3 52.9





#3

Pyridine

Concen: 48.798 ng

RT: 3.399 min Scan# 205

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

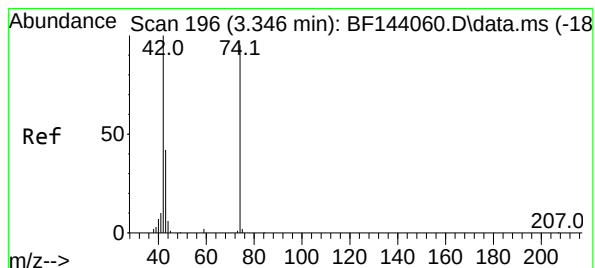
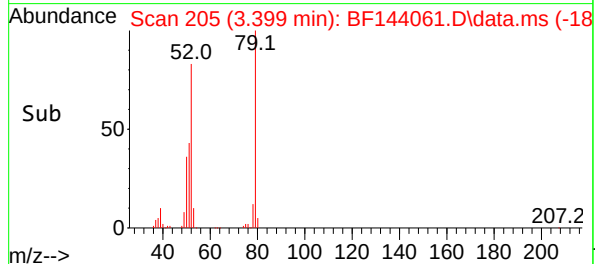
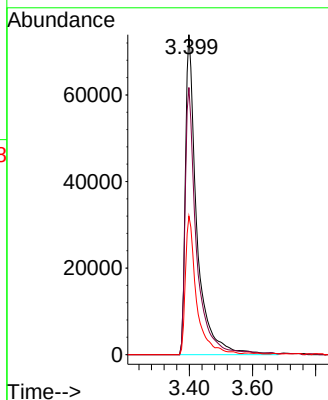
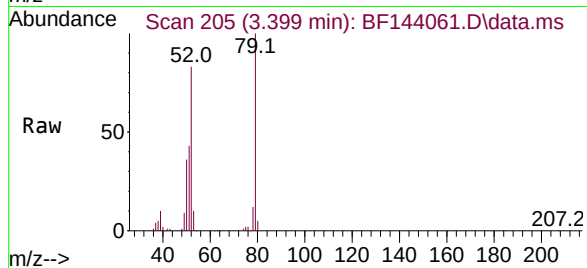
Tgt Ion: 79 Resp: 186251

Ion Ratio Lower Upper

79 100

52 83.5 67.5 101.3

51 43.3 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 46.451 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

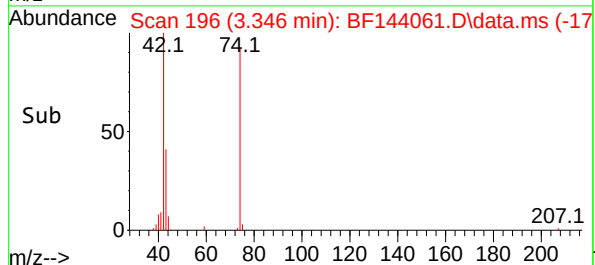
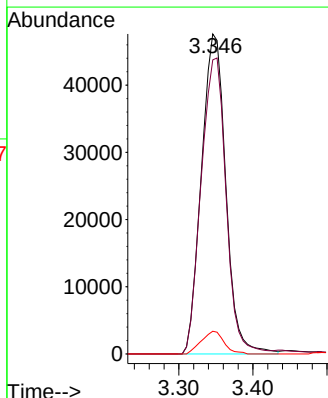
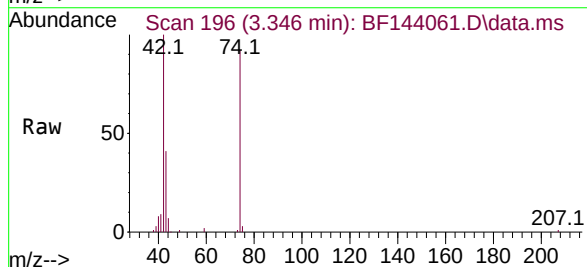
Tgt Ion: 42 Resp: 108941

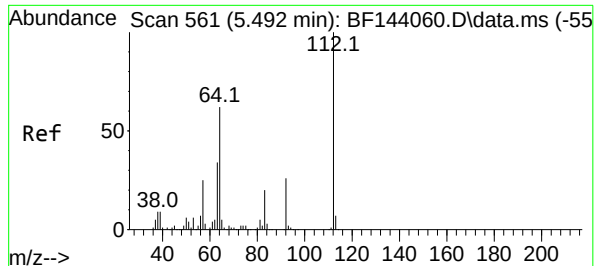
Ion Ratio Lower Upper

42 100

74 91.9 76.4 114.6

44 7.1 5.2 7.8

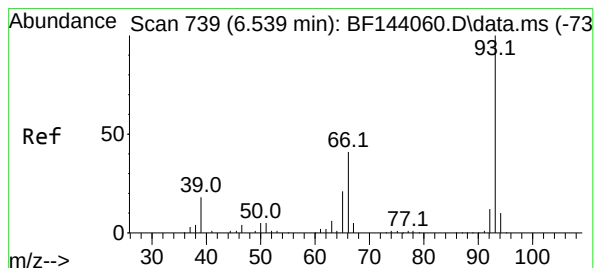
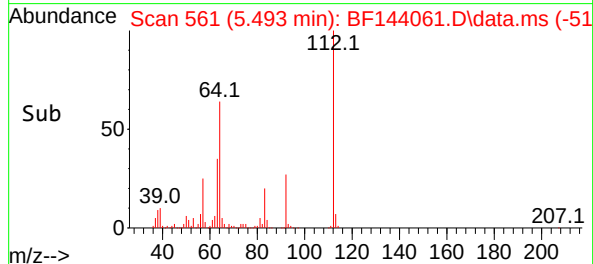
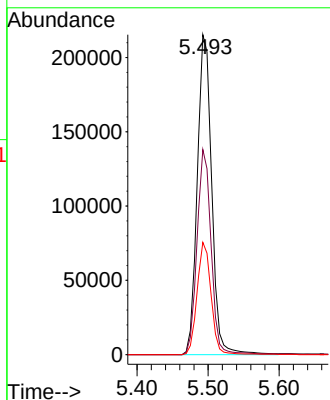
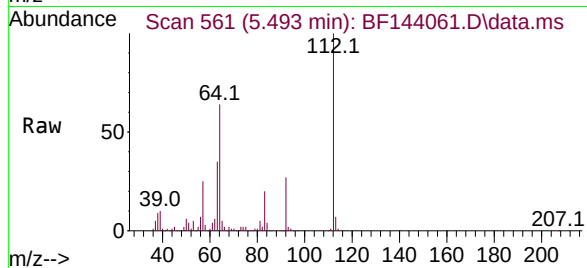




#5
2-Fluorophenol
Concen: 91.982 ng
RT: 5.493 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

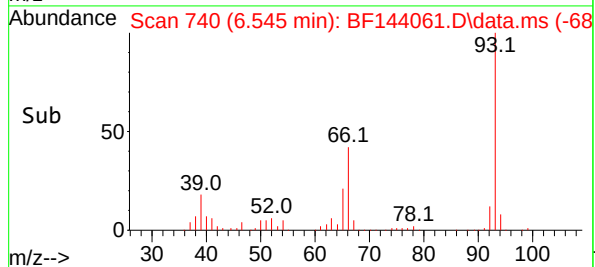
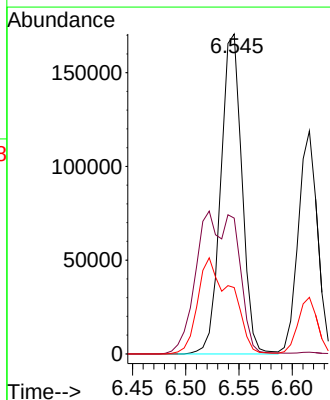
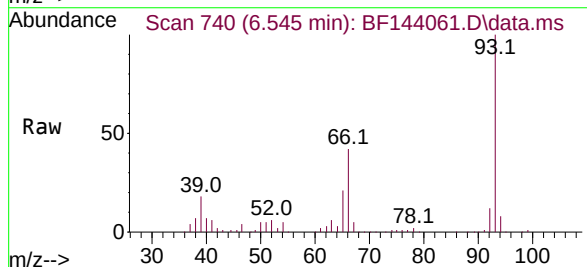
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

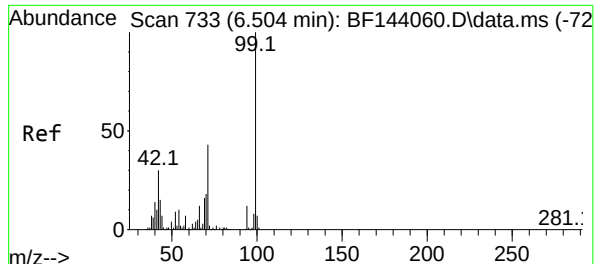
Tgt Ion:112 Resp: 303472
Ion Ratio Lower Upper
112 100
64 64.1 49.8 74.8
63 35.1 27.4 41.2



#6
Aniline
Concen: 45.283 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 93 Resp: 236051
Ion Ratio Lower Upper
93 100
66 42.4 35.7 53.5
65 20.7 17.0 25.6





#7

Phenol-d6

Concen: 92.298 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

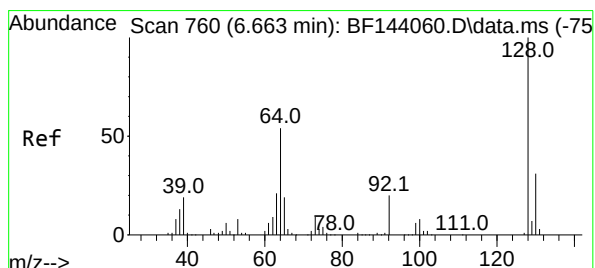
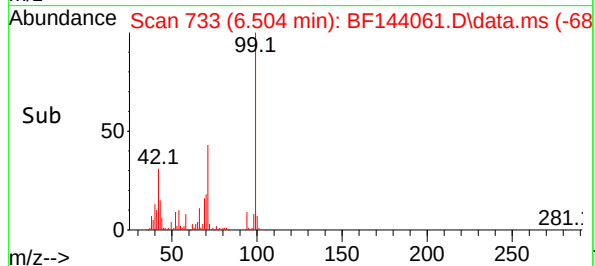
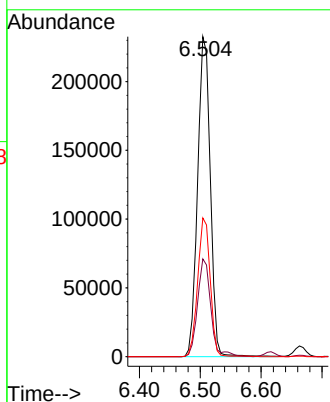
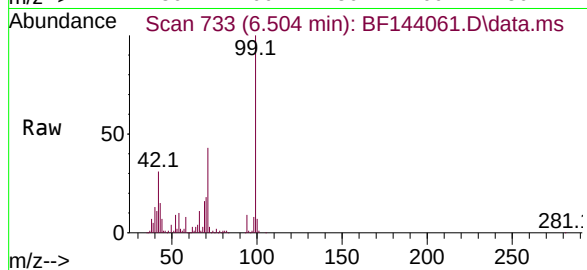
Tgt Ion: 99 Resp: 336307

Ion Ratio Lower Upper

99 100

42 30.5 23.9 35.9

71 43.3 34.4 51.6



#8

2-Chlorophenol

Concen: 45.134 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

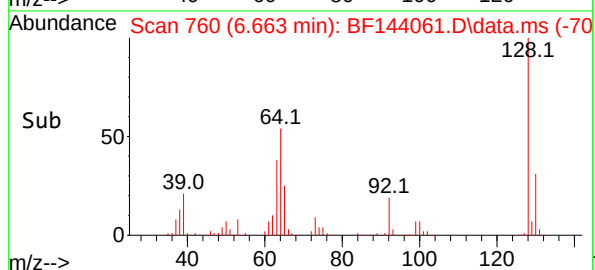
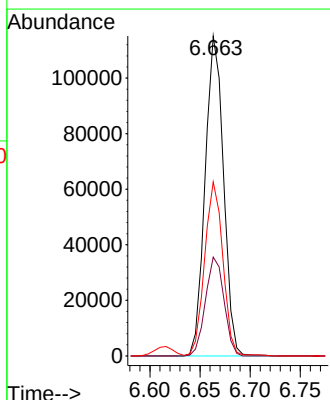
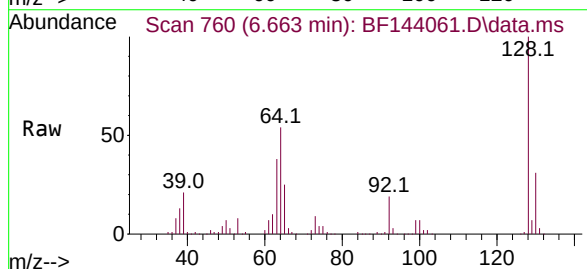
Tgt Ion: 128 Resp: 146647

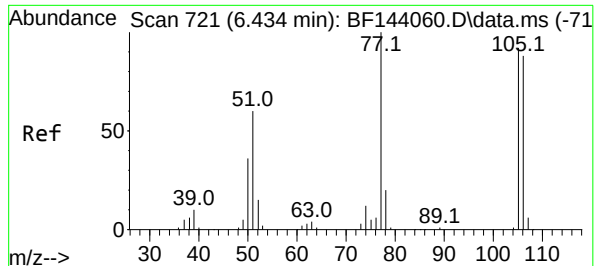
Ion Ratio Lower Upper

128 100

130 30.9 10.7 50.7

64 54.4 34.7 74.7





#9

Benzaldehyde

Concen: 44.224 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

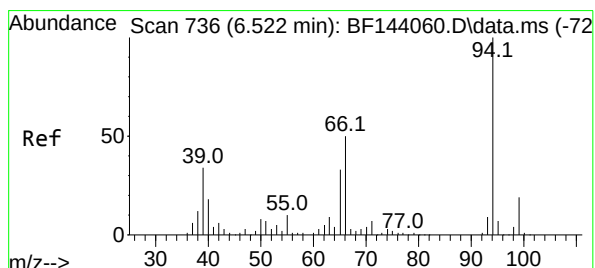
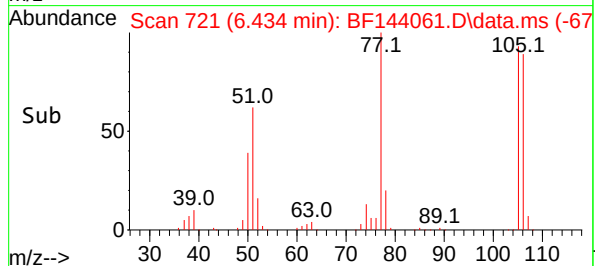
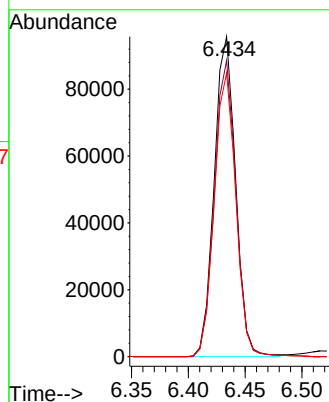
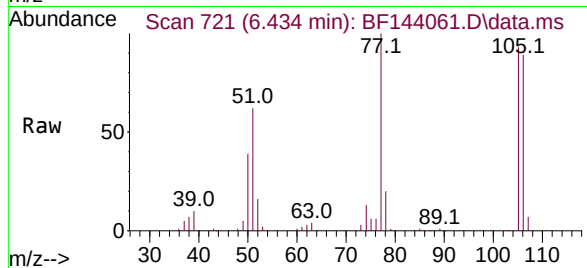
Tgt Ion: 77 Resp: 125111

Ion Ratio Lower Upper

77 100

105 92.5 72.2 112.2

106 88.6 67.9 107.9



#10

Phenol

Concen: 45.707 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

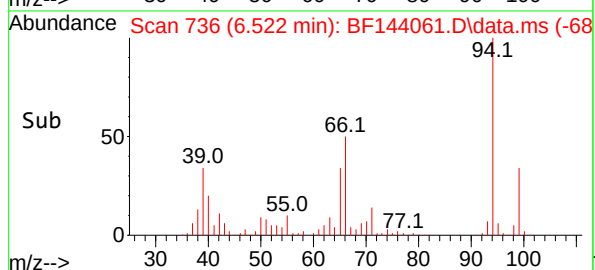
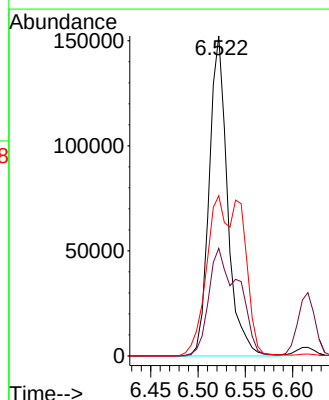
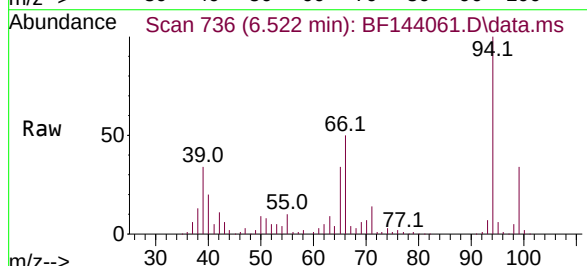
Tgt Ion: 94 Resp: 205466

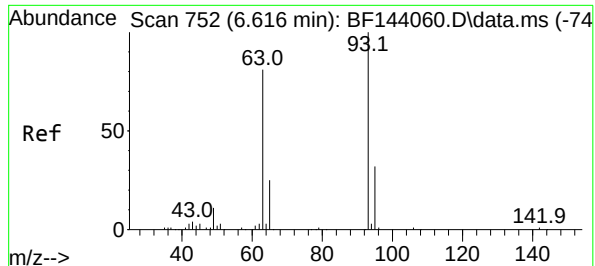
Ion Ratio Lower Upper

94 100

65 33.6 13.1 53.1

66 50.0 30.6 70.6

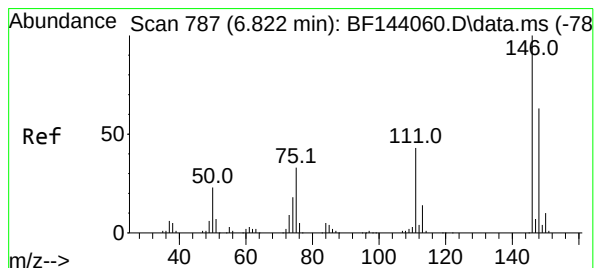
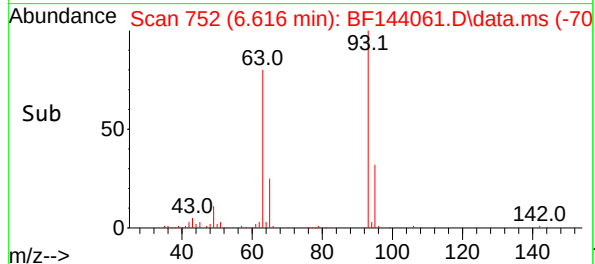
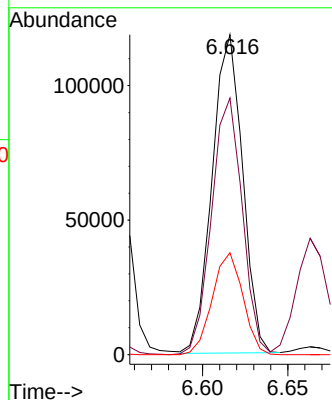
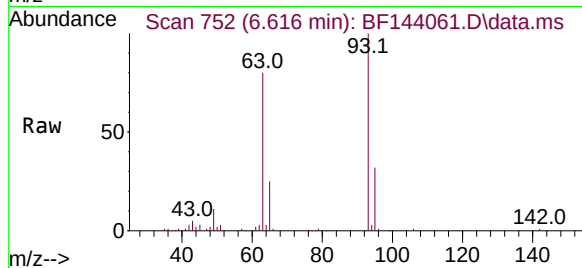




#11
bis(2-Chloroethyl)ether
Concen: 45.316 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

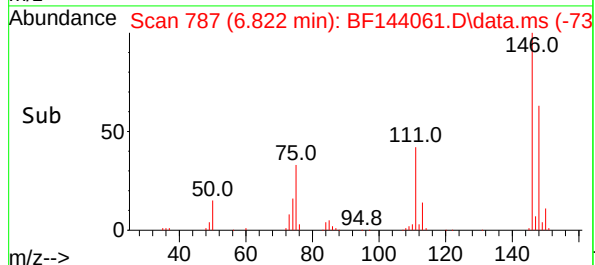
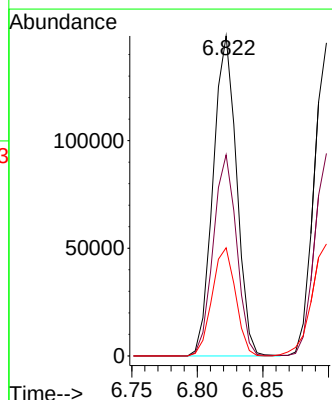
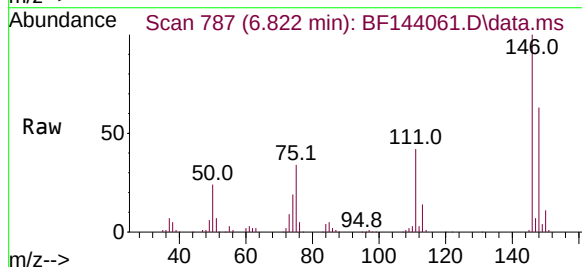
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

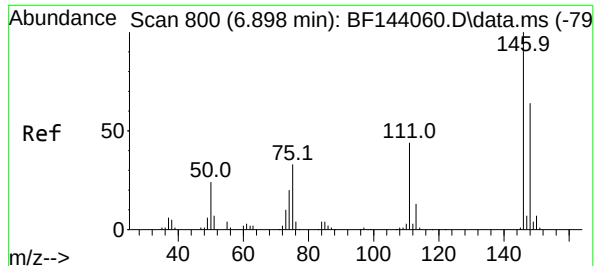
Tgt Ion: 93 Resp: 147198
Ion Ratio Lower Upper
93 100
63 80.2 60.2 100.2
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.062 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 146 Resp: 184614
Ion Ratio Lower Upper
146 100
148 62.8 50.6 75.8
75 33.8 26.6 40.0

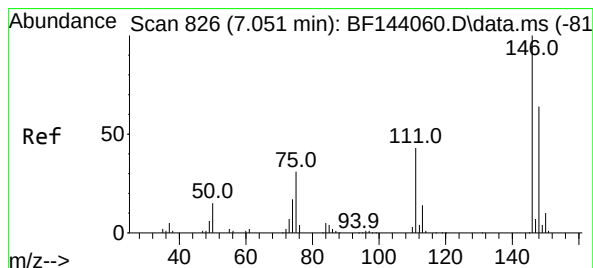
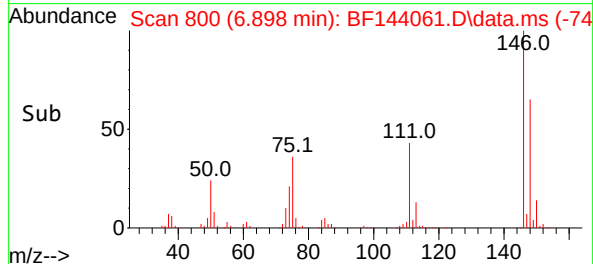
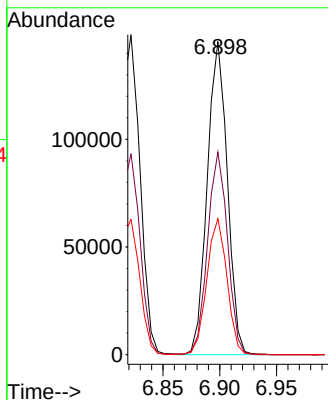
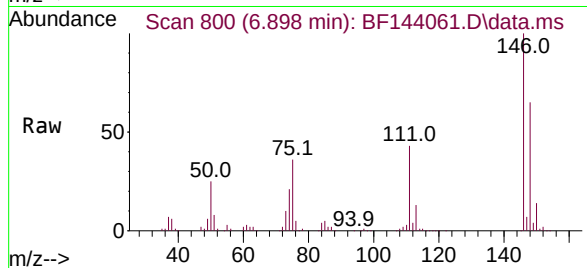




#13
1,4-Dichlorobenzene
Concen: 45.279 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

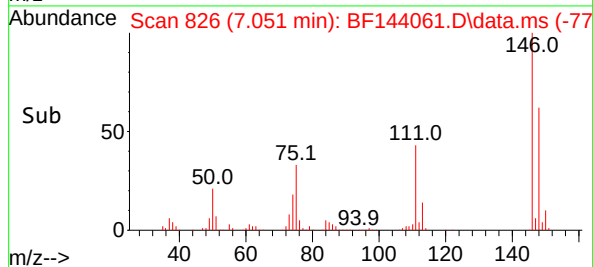
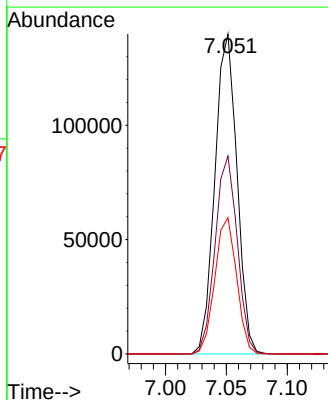
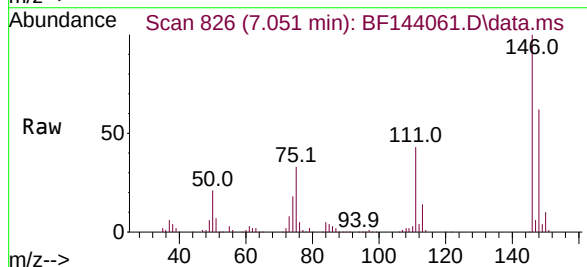
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

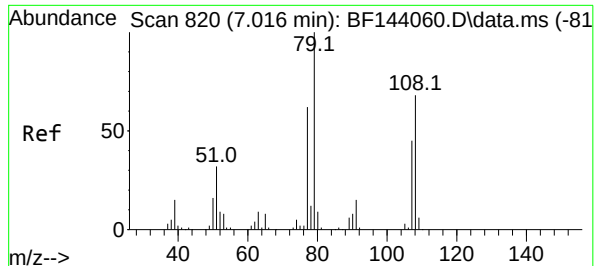
Tgt Ion:146 Resp: 178849
Ion Ratio Lower Upper
146 100
148 64.7 51.0 76.6
111 43.4 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 46.267 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:146 Resp: 176825
Ion Ratio Lower Upper
146 100
148 61.8 50.8 76.2
111 42.6 34.7 52.1

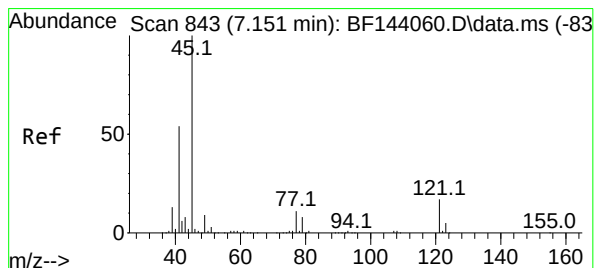
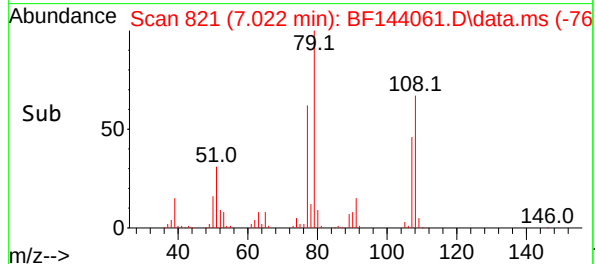
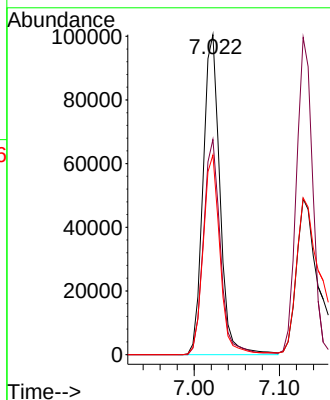
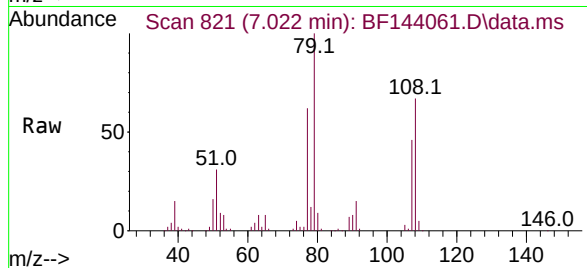




#15
Benzyl Alcohol
Concen: 46.492 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

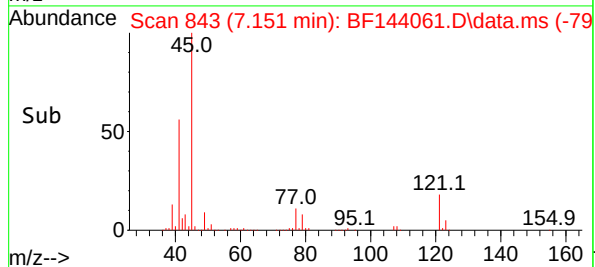
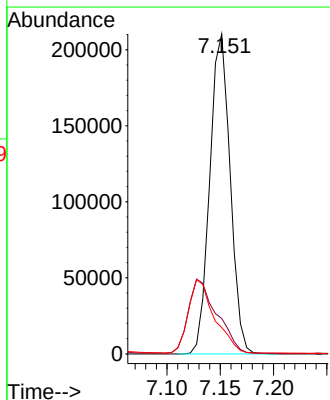
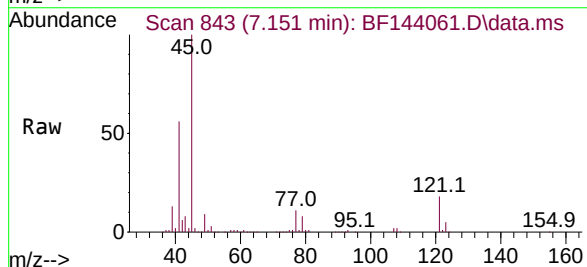
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

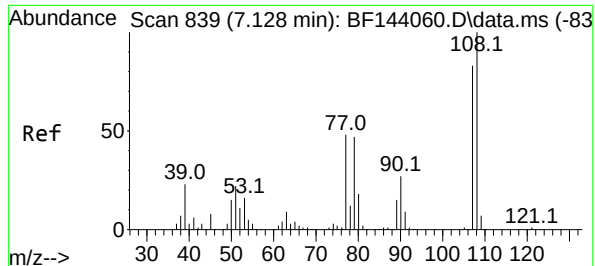
Tgt Ion: 79 Resp: 137745
Ion Ratio Lower Upper
79 100
108 67.2 54.8 82.2
77 62.4 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.937 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 45 Resp: 280440
Ion Ratio Lower Upper
45 100
77 11.1 0.0 30.9
79 8.3 0.0 28.2

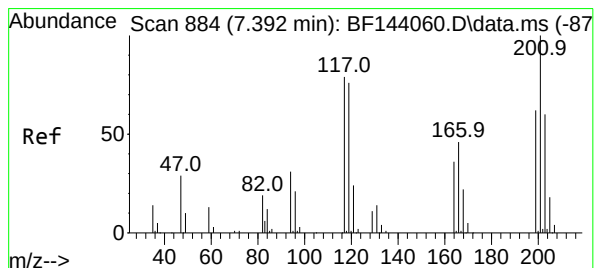
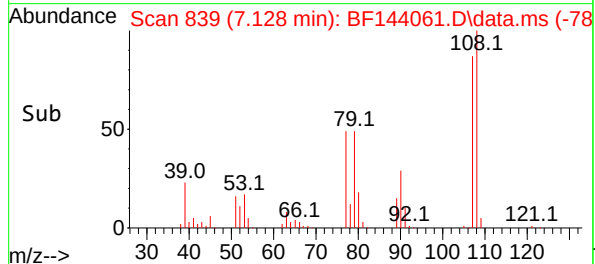
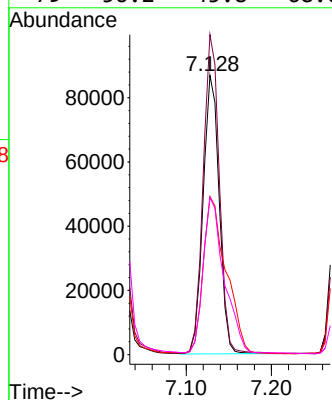
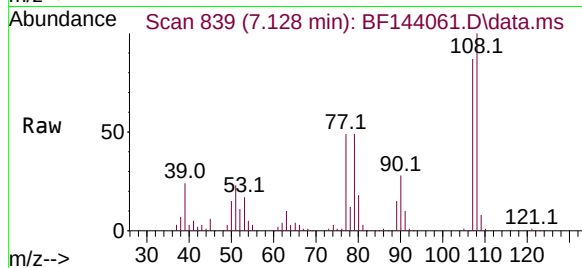




#17
2-Methylphenol
Concen: 45.627 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

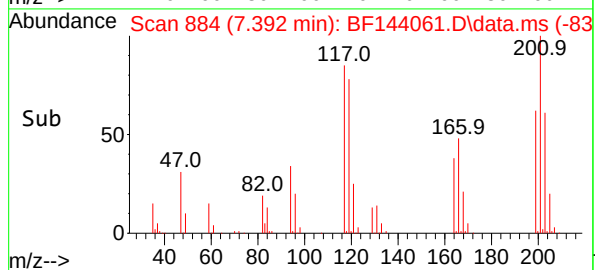
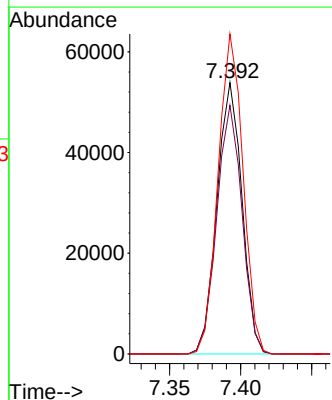
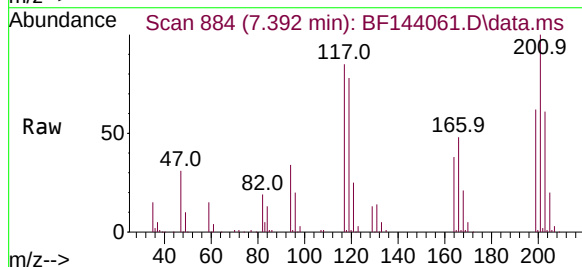
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

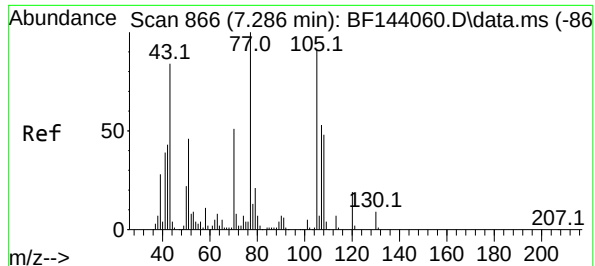
Tgt Ion:	107	Resp:	114018
Ion	Ratio	Lower	Upper
107	100		
108	114.6	96.4	144.6
77	56.6	46.8	70.2
79	56.2	45.8	68.6



#18
Hexachloroethane
Concen: 46.762 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:	117	Resp:	66036
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.6	115.0
201	117.9	100.9	151.3

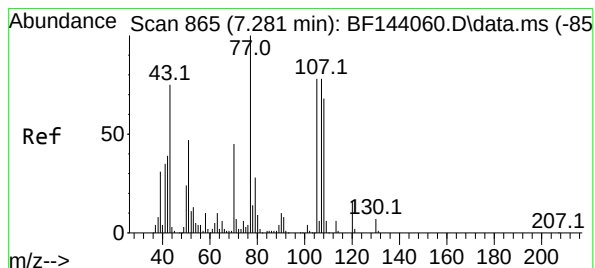
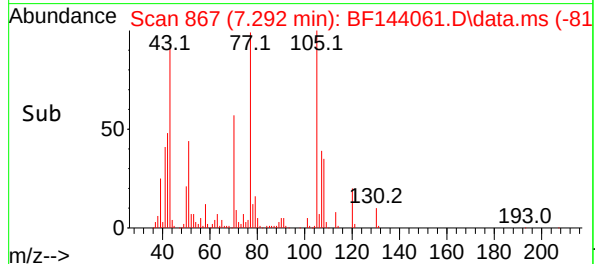
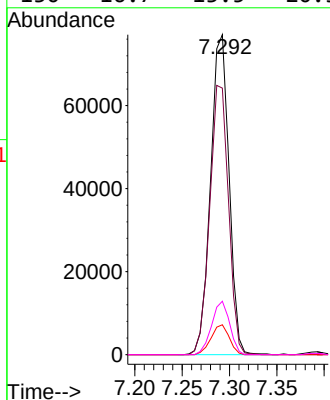
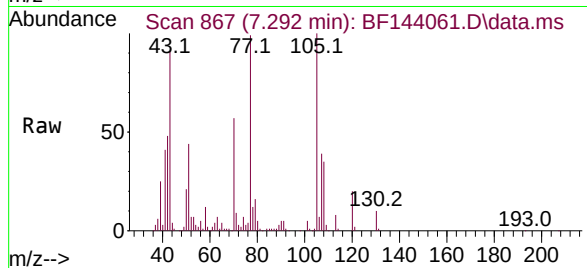




#19
n-Nitroso-di-n-propylamine
Concen: 44.378 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

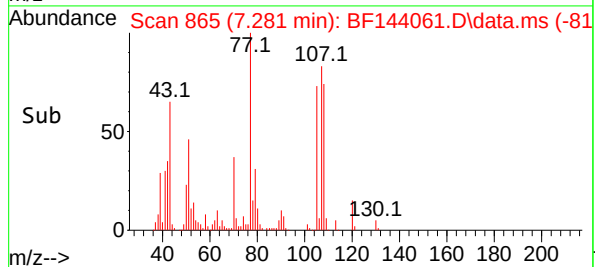
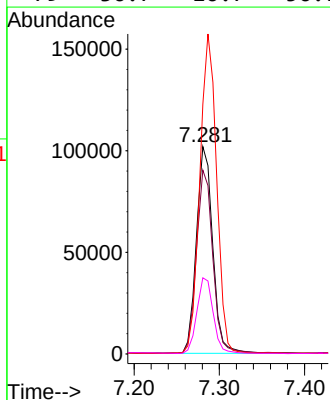
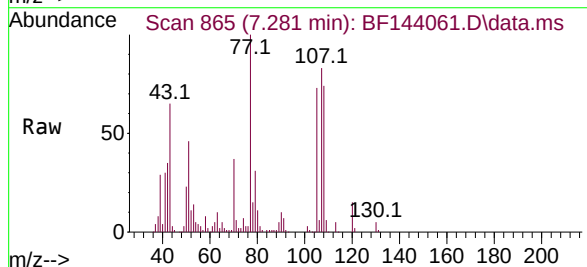
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

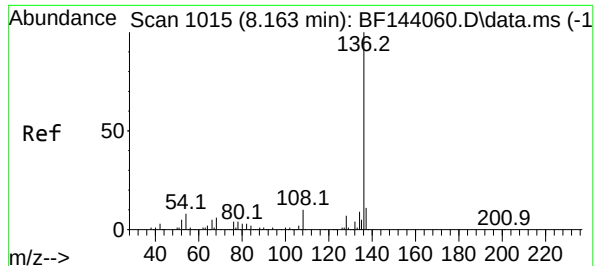
Tgt Ion: 70 Resp: 104565
Ion Ratio Lower Upper
70 100
42 83.3 67.4 101.0
101 9.3 7.1 10.7
130 16.7 13.5 20.3



#20
3+4-Methylphenols
Concen: 45.746 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 107 Resp: 135141
Ion Ratio Lower Upper
107 100
108 88.6 68.0 108.0
77 120.4 108.7 148.7
79 36.7 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 187852

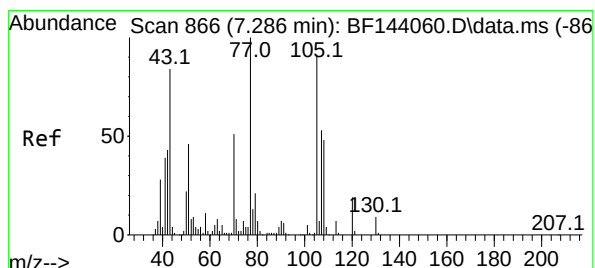
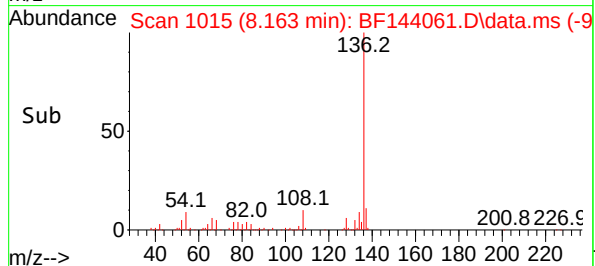
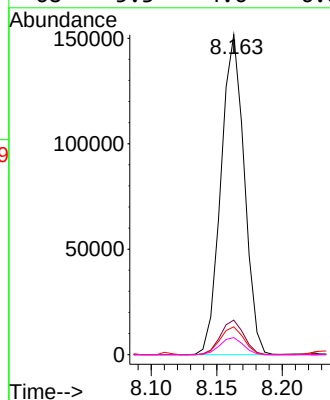
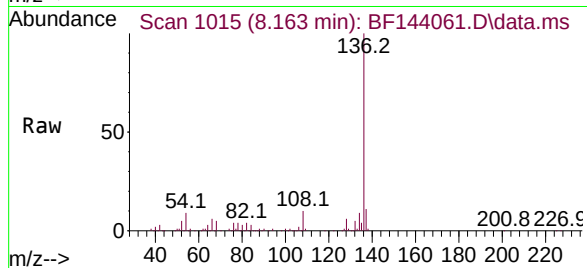
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.7 6.6 9.8

68 5.3 4.6 6.8



#22

Acetophenone

Concen: 45.930 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:105 Resp: 186463

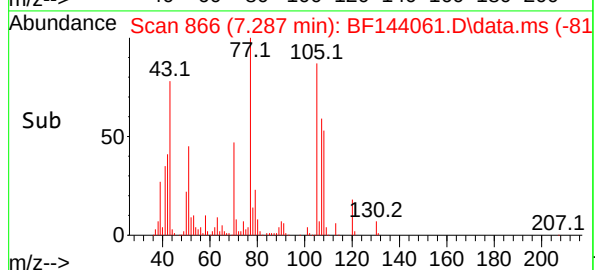
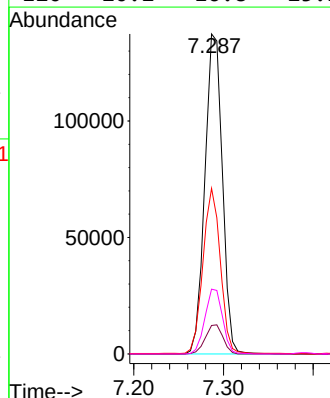
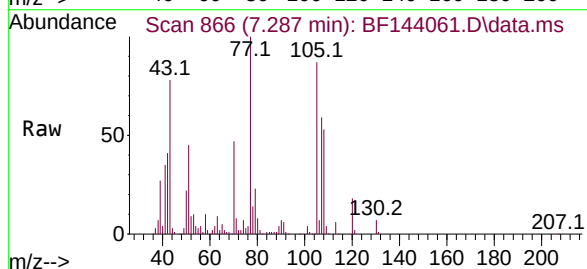
Ion Ratio Lower Upper

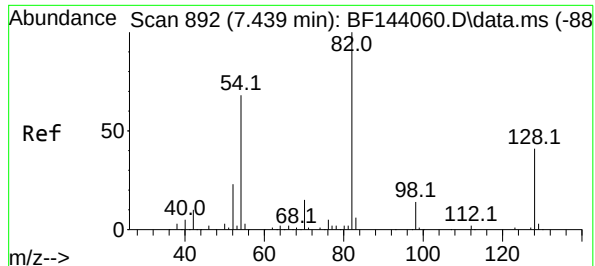
105 100

71 8.9 6.9 10.3

51 51.7 40.6 60.8

120 20.2 16.8 25.2





#23

Nitrobenzene-d5

Concen: 91.795 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

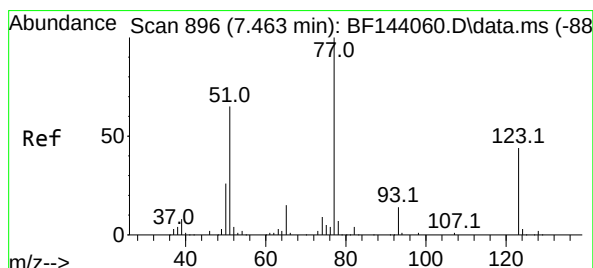
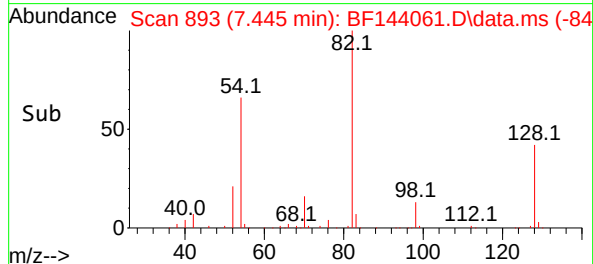
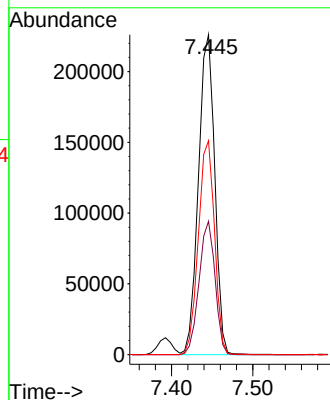
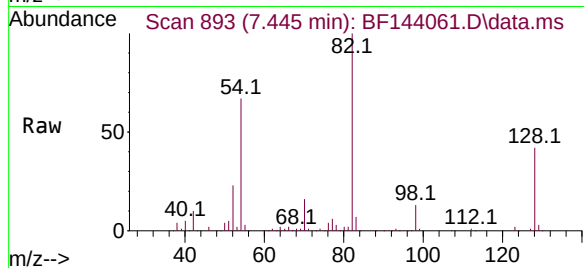
BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 314744

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.4	48.6
54	66.8	54.0	81.0



#24

Nitrobenzene

Concen: 46.643 ng

RT: 7.463 min Scan# 896

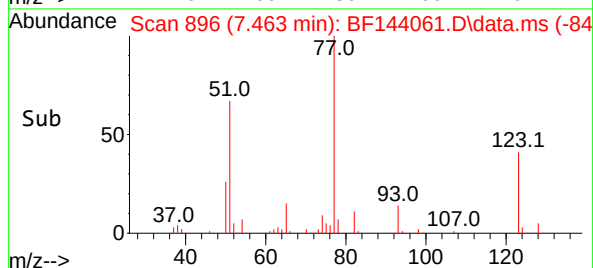
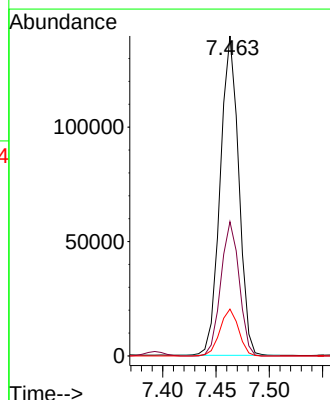
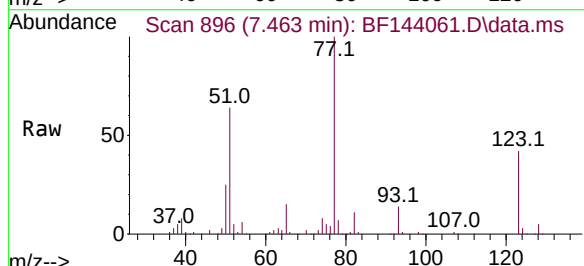
Delta R.T. 0.000 min

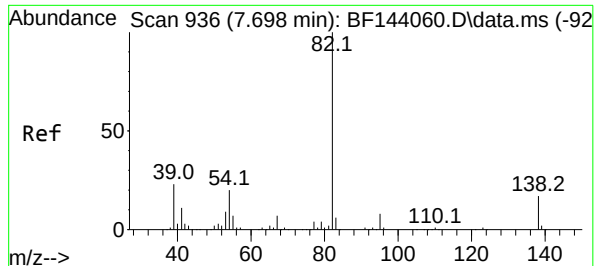
Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion: 77 Resp: 169181

Ion	Ratio	Lower	Upper
77	100		
123	41.9	35.0	52.6
65	14.6	12.2	18.2

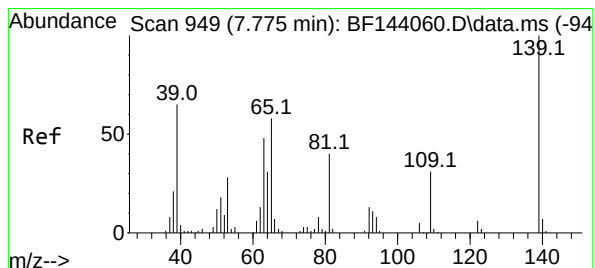
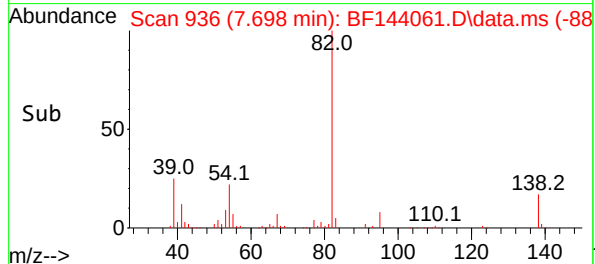
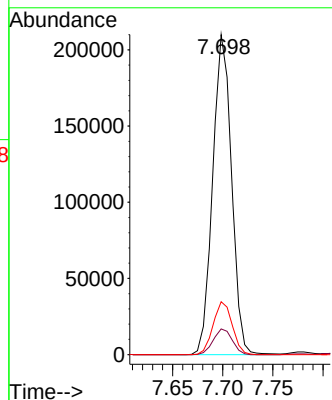
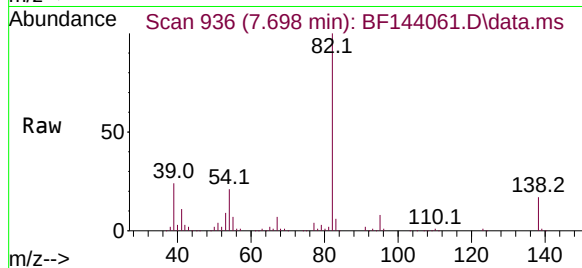




#25
Isophorone
Concen: 45.788 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

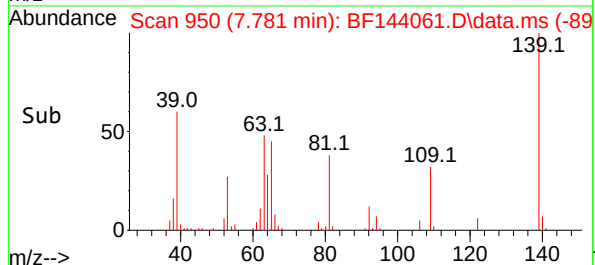
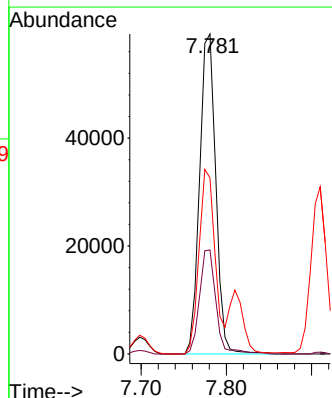
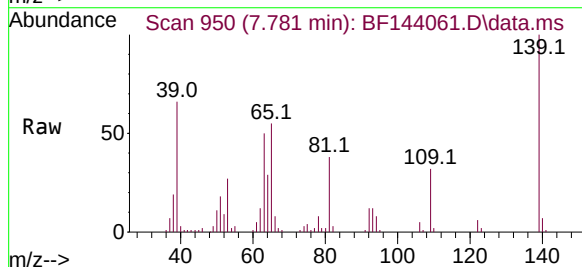
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

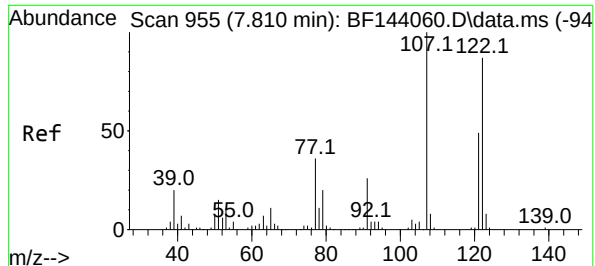
Tgt Ion: 82 Resp: 274478
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 16.5 13.8 20.8



#26
2-Nitrophenol
Concen: 45.330 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 139 Resp: 78217
Ion Ratio Lower Upper
139 100
109 32.5 24.6 37.0
65 55.0 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 46.475 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

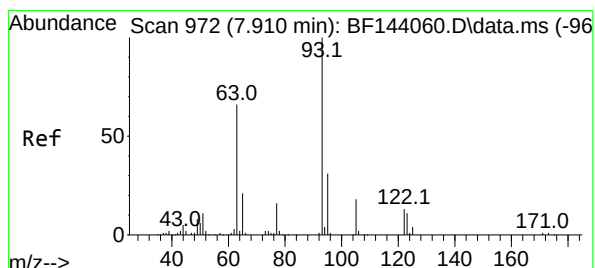
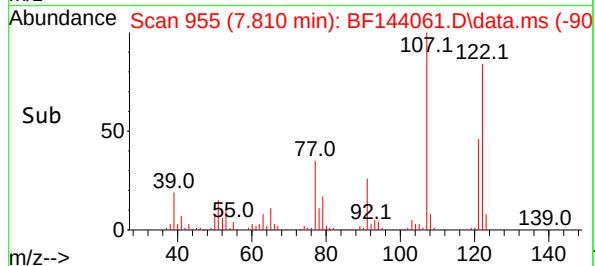
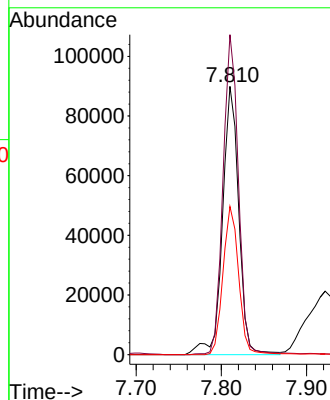
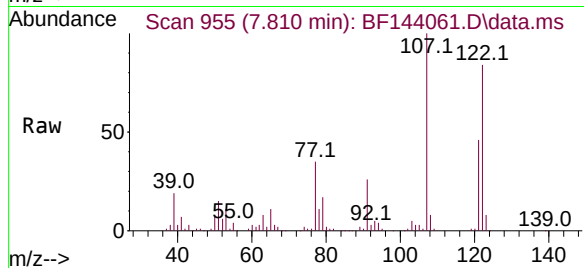
Tgt Ion:122 Resp: 119169

Ion Ratio Lower Upper

122 100

107 119.3 91.8 137.8

121 55.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.816 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

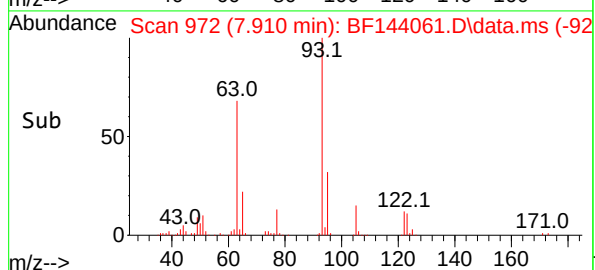
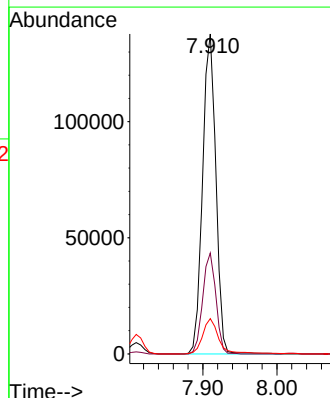
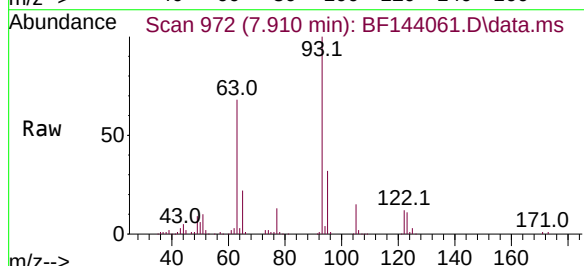
Tgt Ion: 93 Resp: 171275

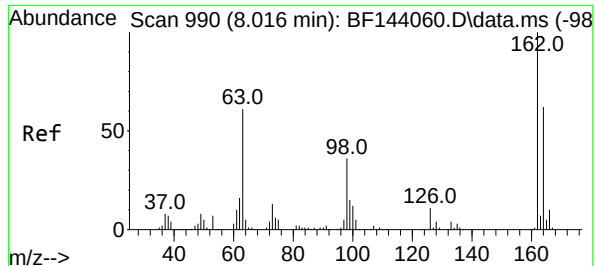
Ion Ratio Lower Upper

93 100

95 31.5 24.6 36.8

123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 46.140 ng

RT: 8.016 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

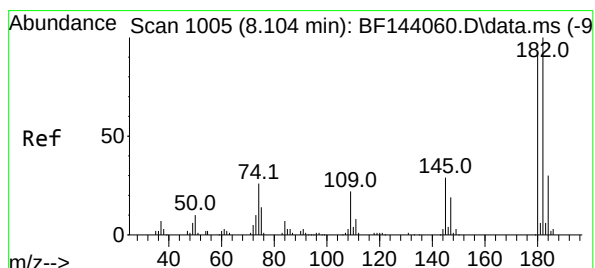
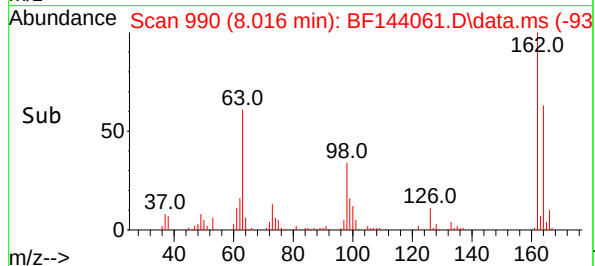
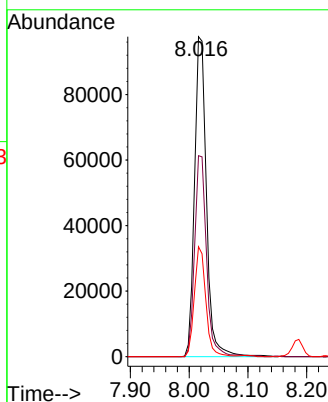
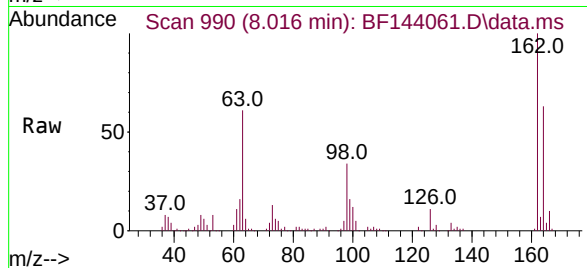
Tgt Ion:162 Resp: 137586

Ion Ratio Lower Upper

162 100

164 62.8 42.1 82.1

98 34.3 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 46.047 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

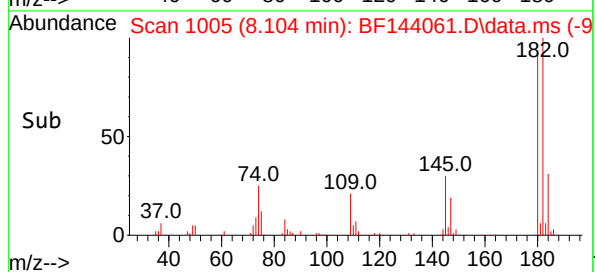
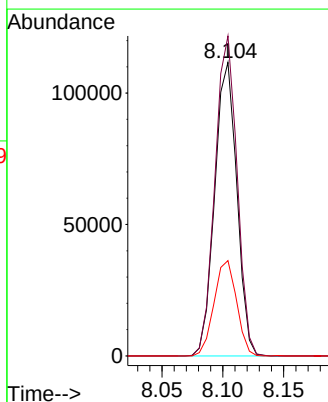
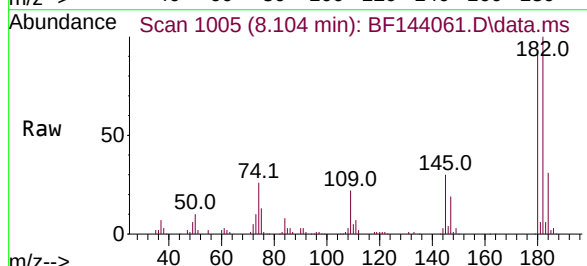
Tgt Ion:180 Resp: 141259

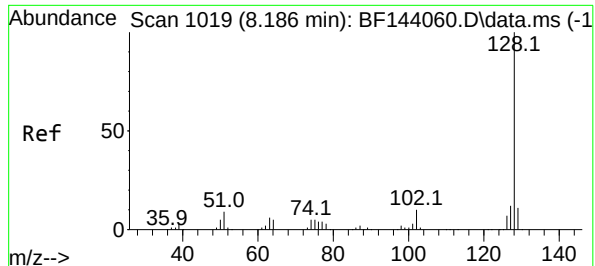
Ion Ratio Lower Upper

180 100

182 109.0 87.1 130.7

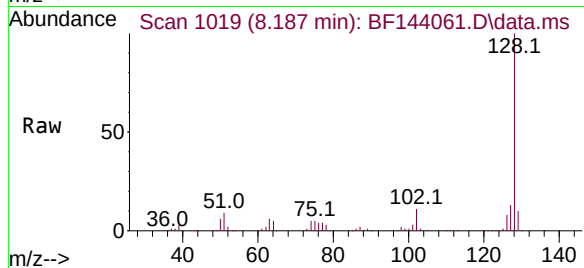
145 32.5 25.3 37.9



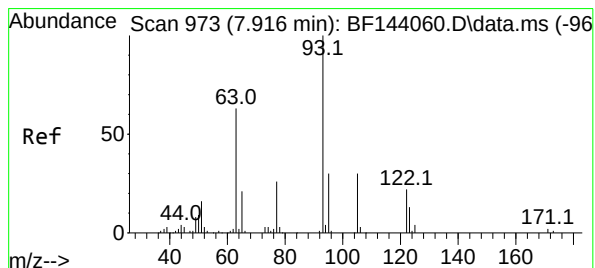
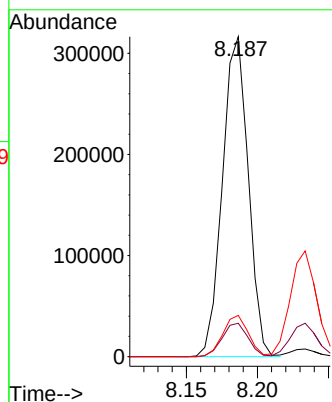
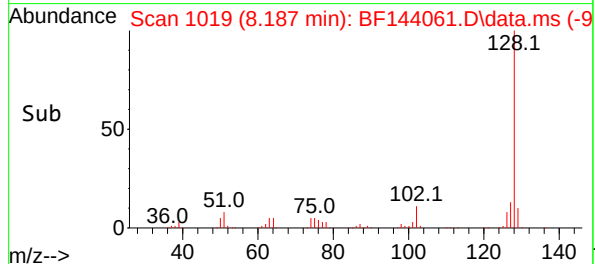


#31
Naphthalene
Concen: 45.150 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

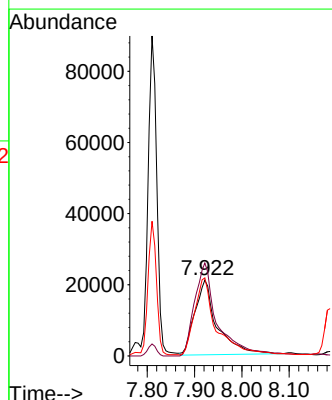
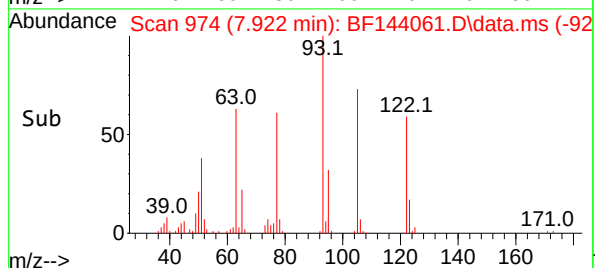
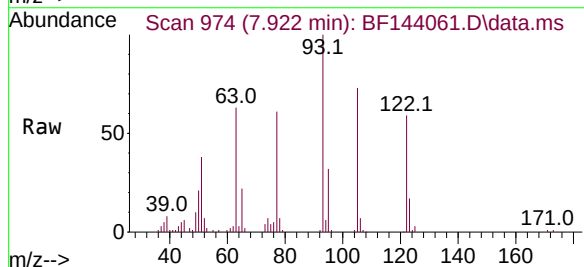


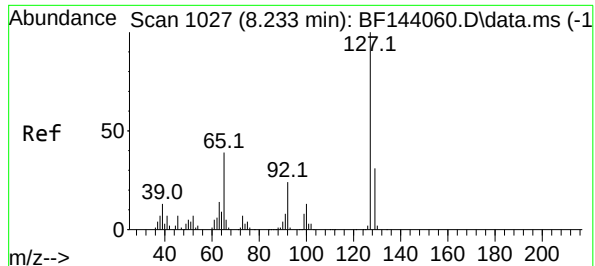
Tgt Ion:128 Resp: 400308
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 12.9 9.9 14.9



#32
Benzoic acid
Concen: 42.326 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:122 Resp: 68843
Ion Ratio Lower Upper
122 100
105 122.6 111.3 151.3
77 102.9 96.7 136.7

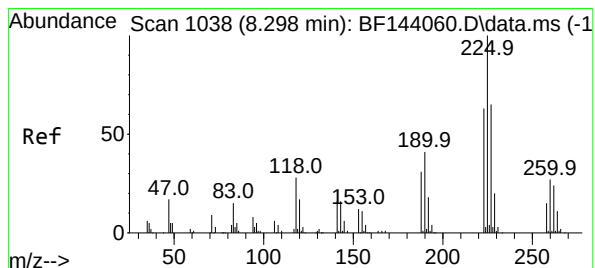
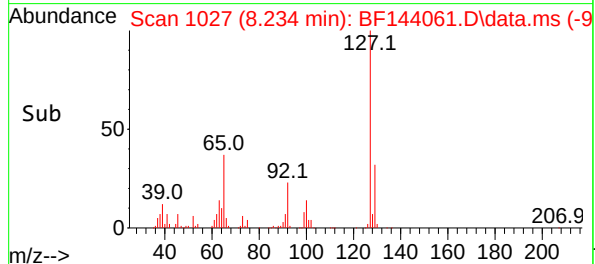
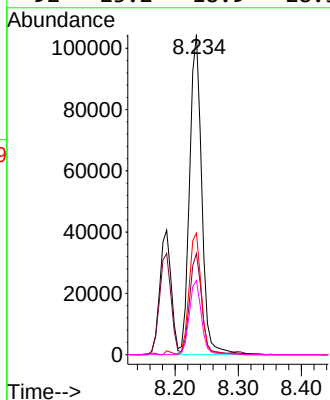
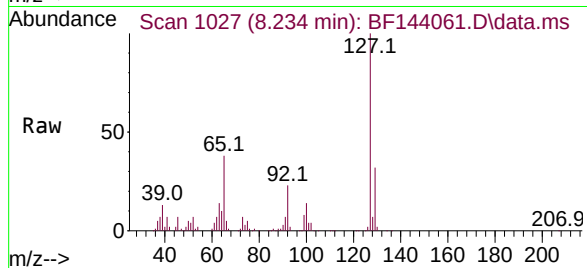




#33
4-Chloroaniline
Concen: 45.326 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

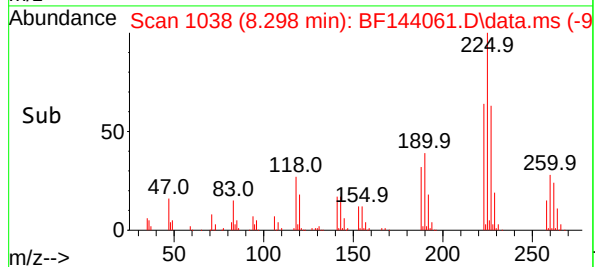
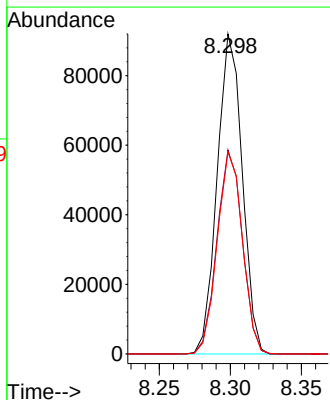
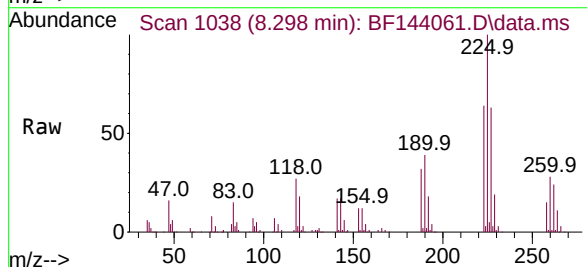
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

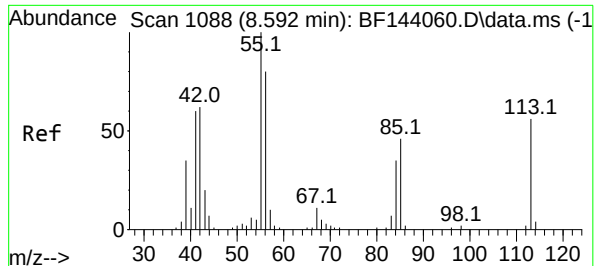
Tgt Ion:	127	Resp:	139897
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.6	38.4
65	38.0	30.9	46.3
92	23.2	18.9	28.3



#34
Hexachlorobutadiene
Concen: 45.117 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:	225	Resp:	113173
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.0	51.8	77.8

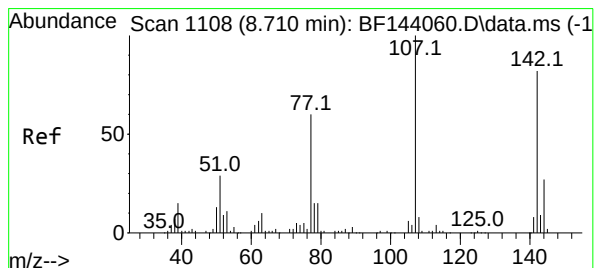
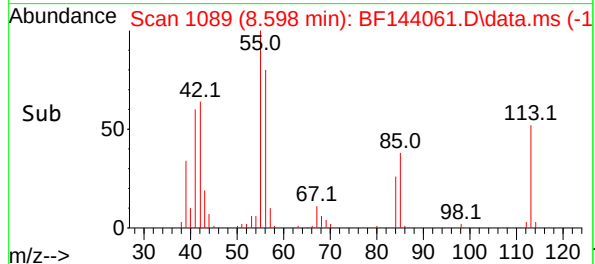
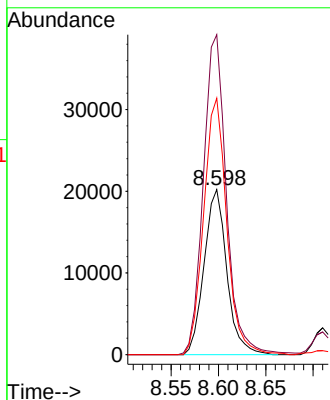
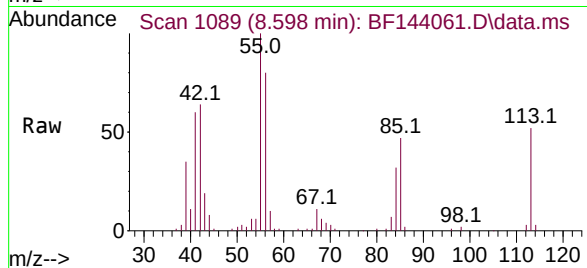




#35
Caprolactam
Concen: 45.169 ng
RT: 8.598 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

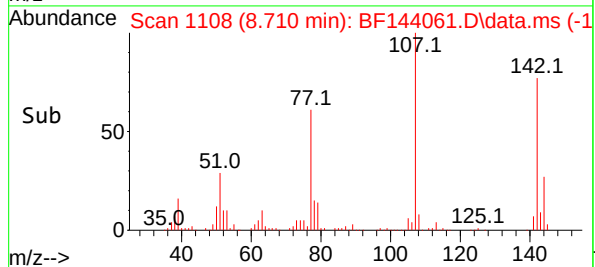
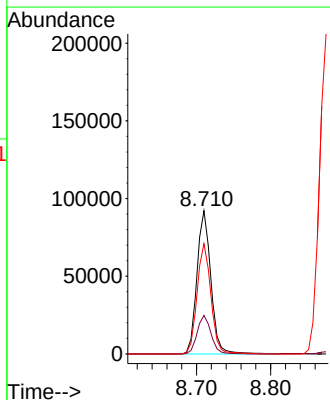
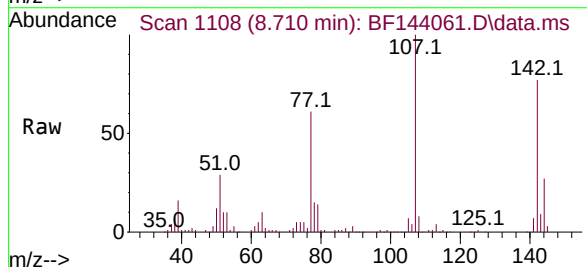
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

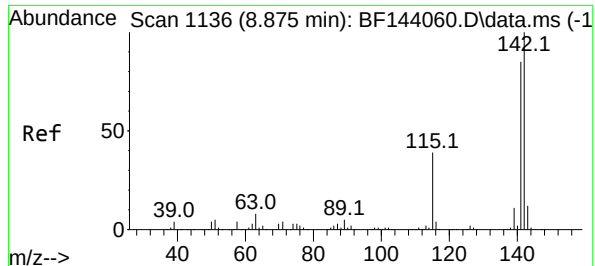
Tgt Ion:113 Resp: 33776
Ion Ratio Lower Upper
113 100
55 194.0 160.1 200.1
56 155.4 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 45.853 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:107 Resp: 120661
Ion Ratio Lower Upper
107 100
144 26.9 21.6 32.4
142 77.0 65.4 98.0





#37

2-Methylnaphthalene

Concen: 44.094 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

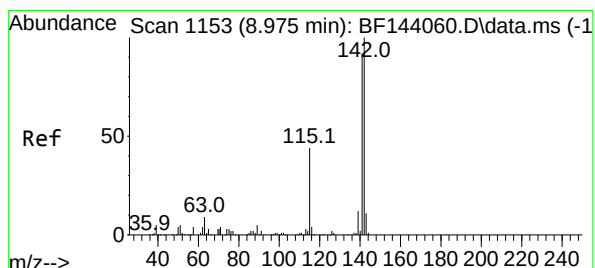
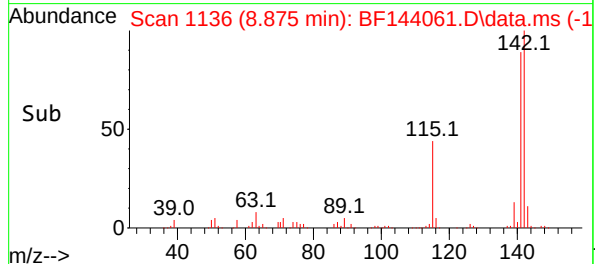
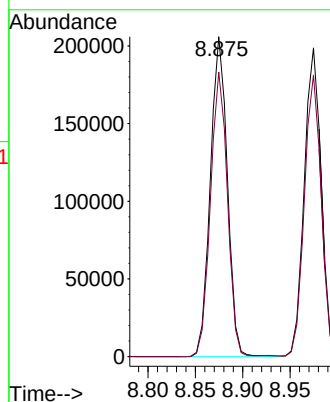
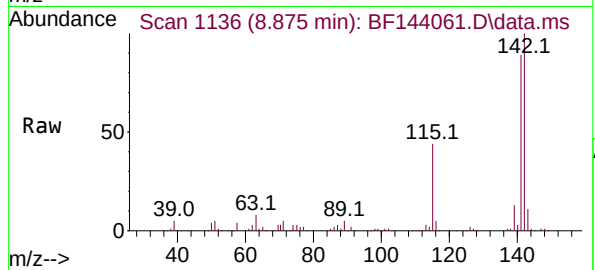
SSTDICC050

Tgt Ion:142 Resp: 257754

Ion Ratio Lower Upper

142 100

141 88.9 67.6 101.4



#38

1-Methylnaphthalene

Concen: 44.400 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144061.D

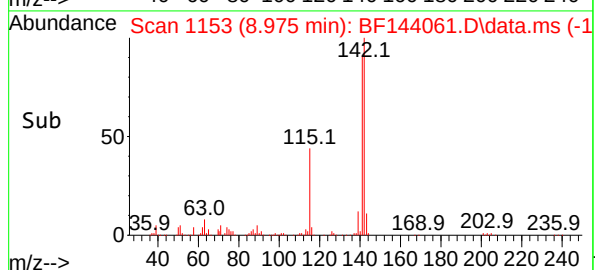
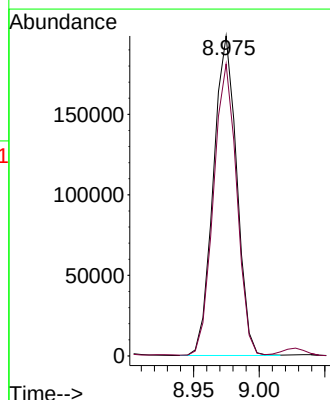
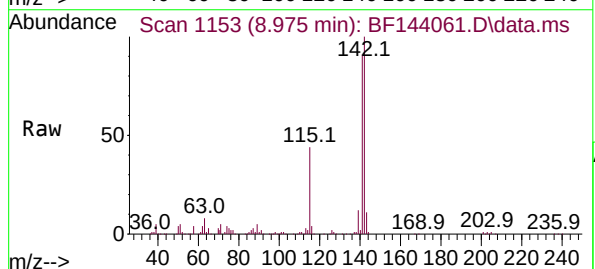
Acq: 24 Oct 2025 13:34

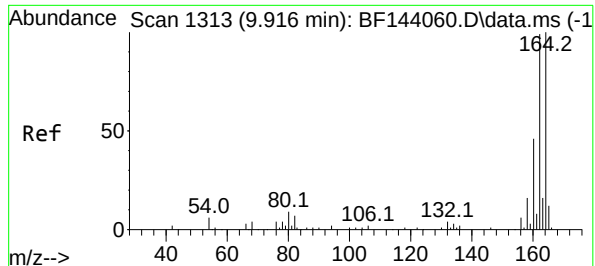
Tgt Ion:142 Resp: 245890

Ion Ratio Lower Upper

142 100

141 91.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

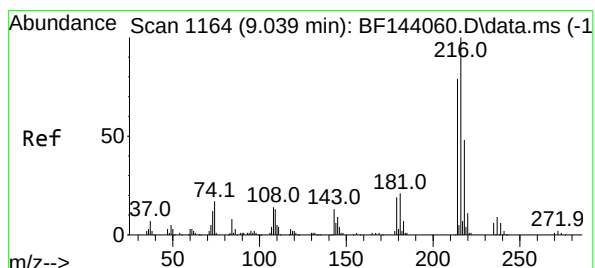
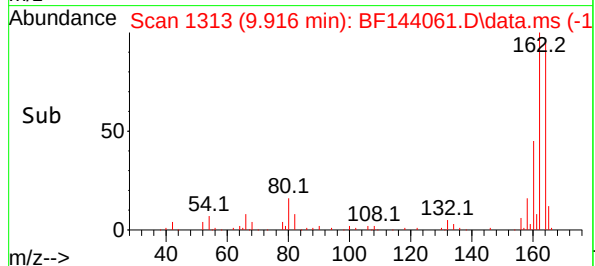
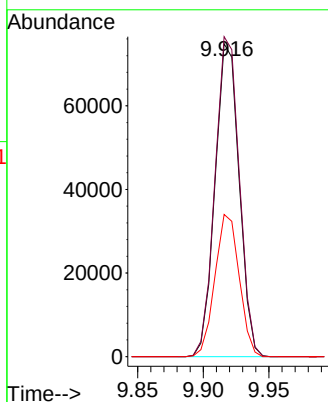
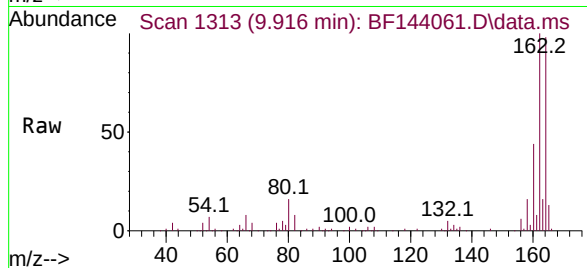
Tgt Ion:164 Resp: 95790

Ion Ratio Lower Upper

164 100

162 102.3 79.4 119.2

160 45.5 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.764 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:216 Resp: 150659

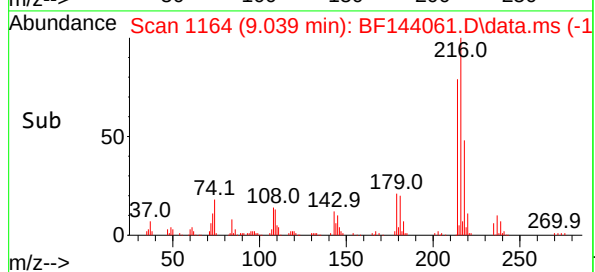
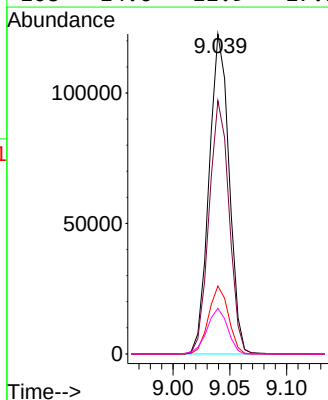
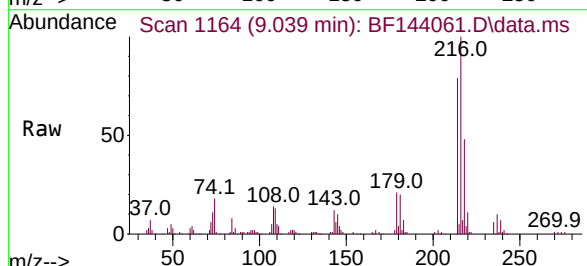
Ion Ratio Lower Upper

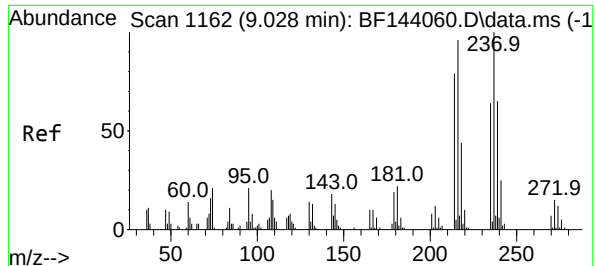
216 100

214 78.9 63.2 94.8

179 20.9 15.2 22.8

108 14.6 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 48.354 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

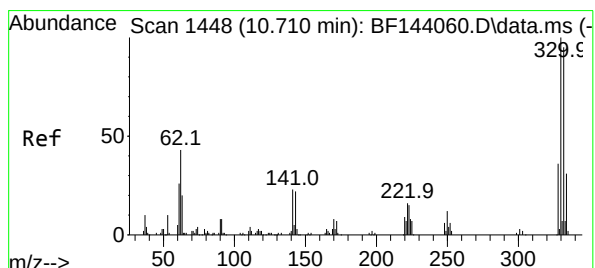
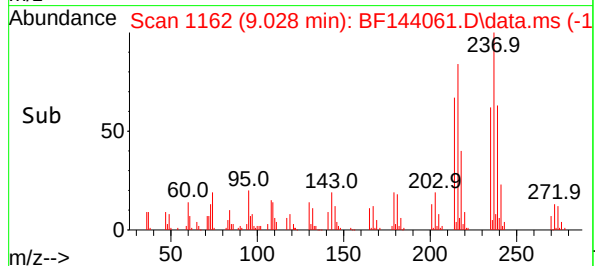
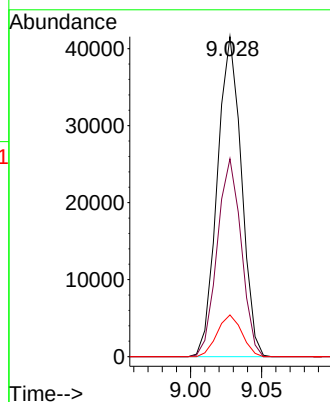
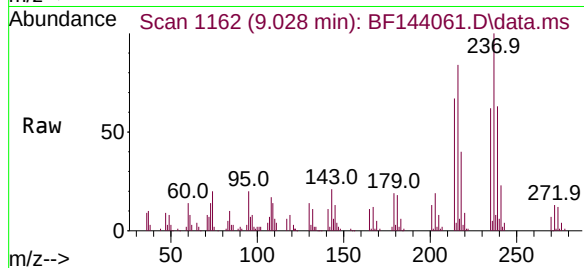
Tgt Ion:237 Resp: 49167

Ion Ratio Lower Upper

237 100

235 61.8 44.3 84.3

272 13.0 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 94.659 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

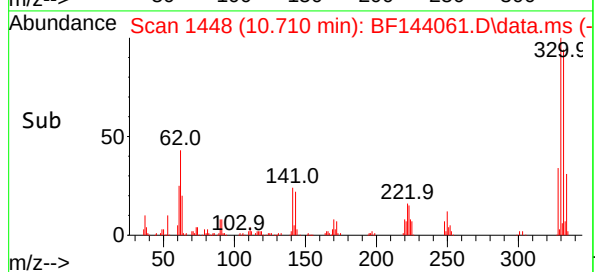
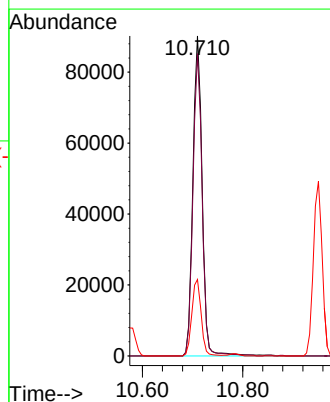
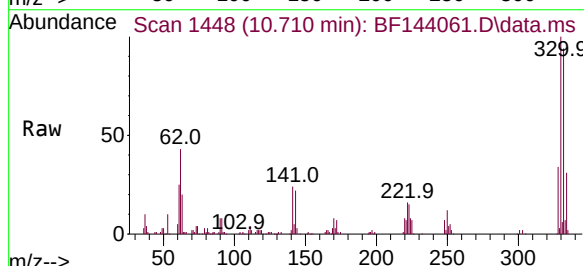
Tgt Ion:330 Resp: 115501

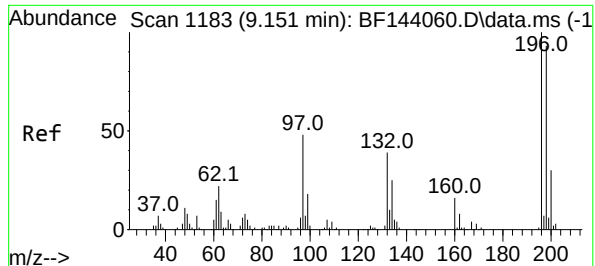
Ion Ratio Lower Upper

330 100

332 93.6 77.0 115.6

141 24.0 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 47.829 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144061.D

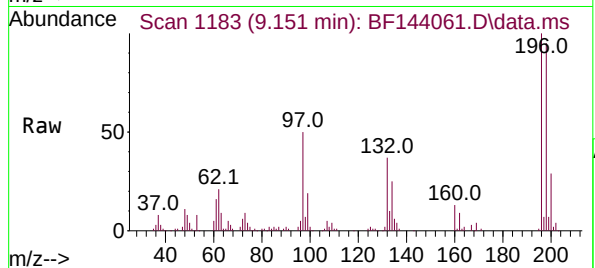
Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



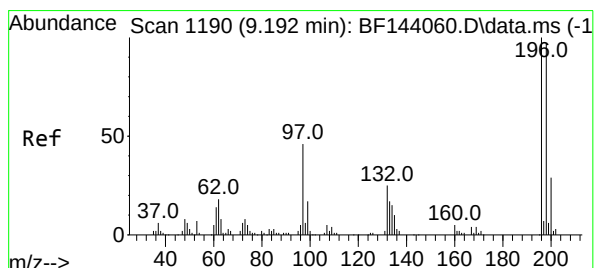
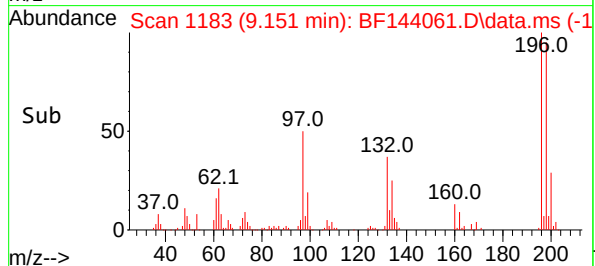
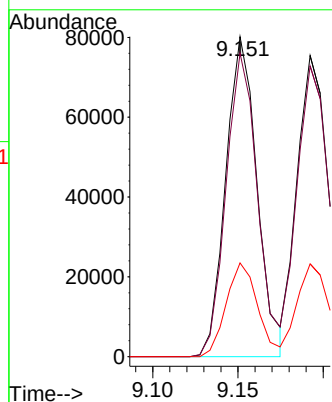
Tgt Ion:196 Resp: 102347

Ion Ratio Lower Upper

196 100

198 94.8 74.4 111.6

200 29.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 45.562 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Tgt Ion:196 Resp: 102322

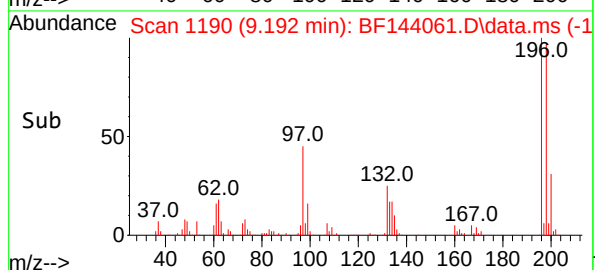
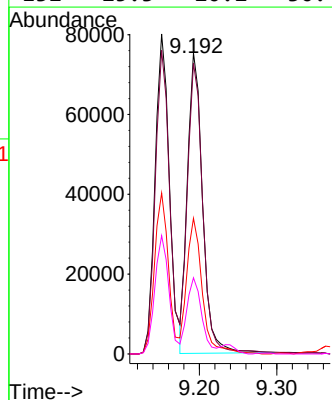
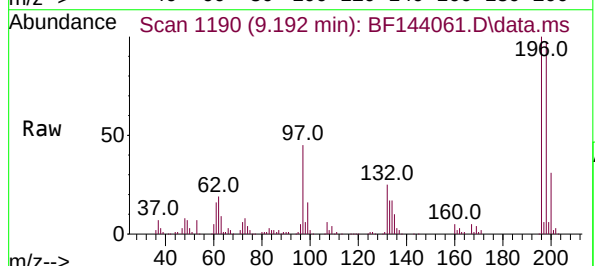
Ion Ratio Lower Upper

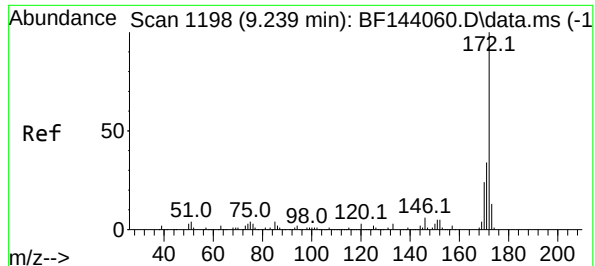
196 100

198 96.6 78.0 117.0

97 45.1 37.7 56.5

132 25.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 90.861 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

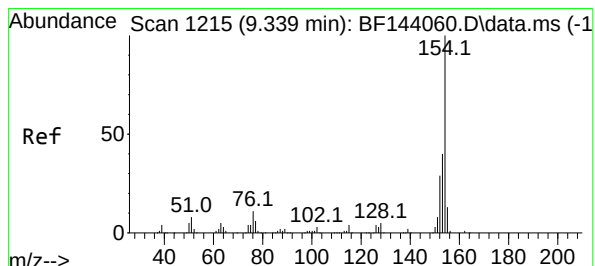
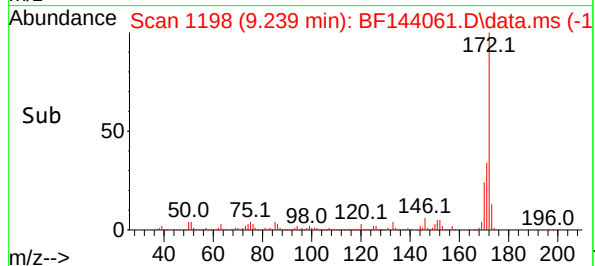
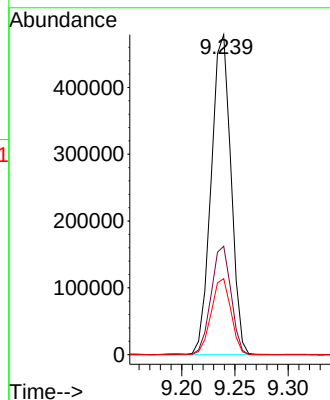
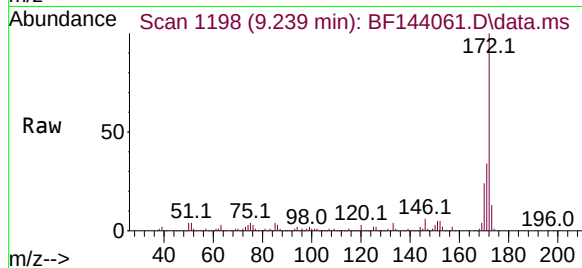
Tgt Ion:172 Resp: 618497

Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.996 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

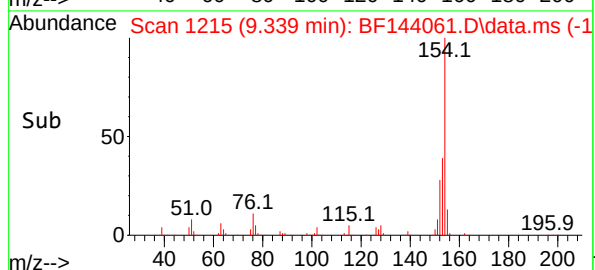
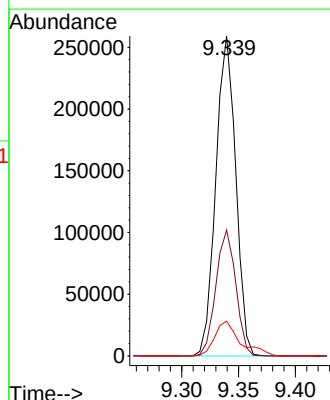
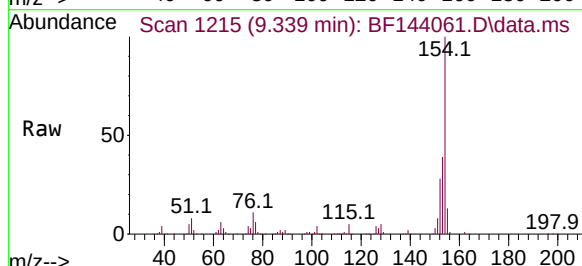
Tgt Ion:154 Resp: 315397

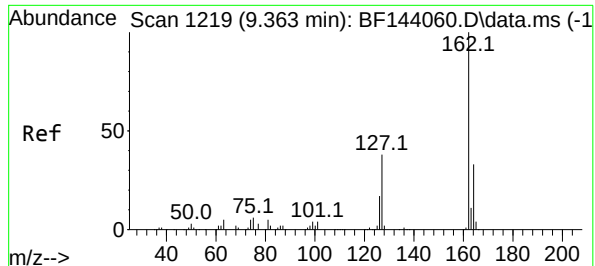
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 45.914 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

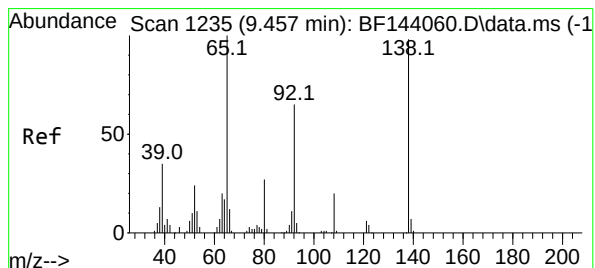
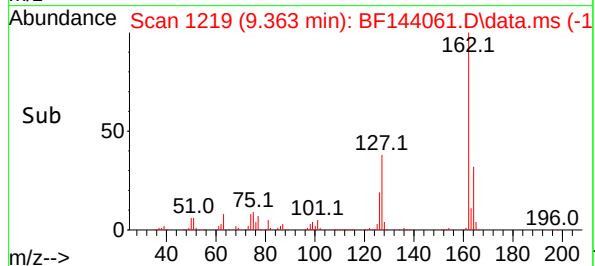
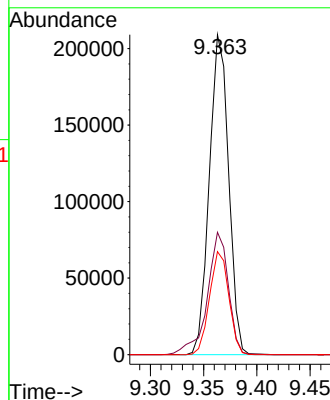
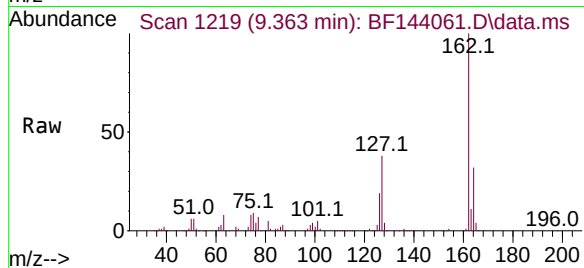
Tgt Ion:162 Resp: 263764

Ion Ratio Lower Upper

162 100

127 38.2 31.6 47.4

164 32.2 26.5 39.7



#48

2-Nitroaniline

Concen: 46.691 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

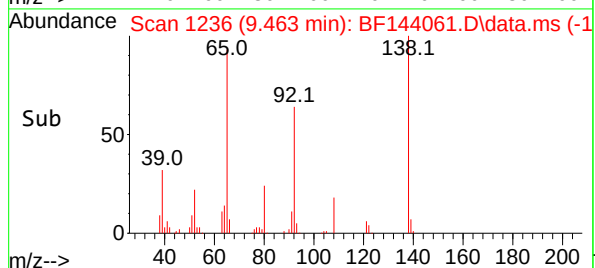
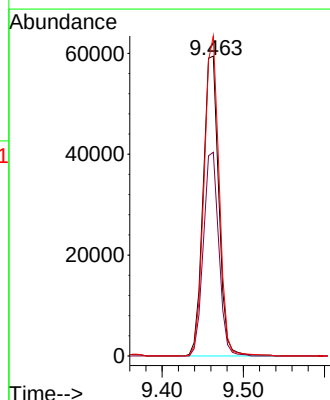
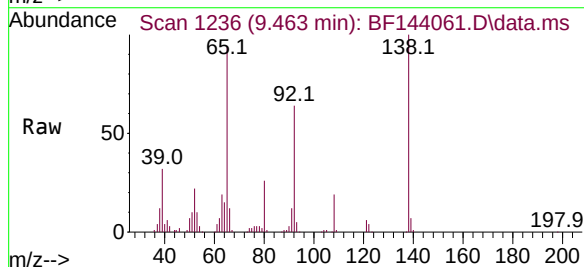
Tgt Ion: 65 Resp: 79650

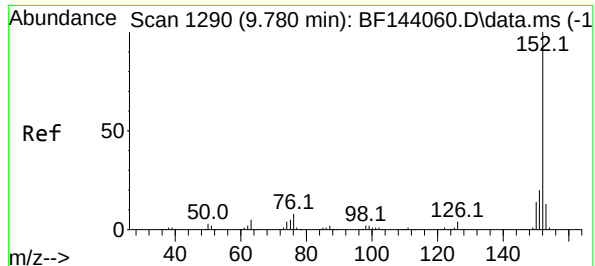
Ion Ratio Lower Upper

65 100

92 67.9 52.3 78.5

138 106.7 78.3 117.5





#49

Acenaphthylene

Concen: 45.641 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

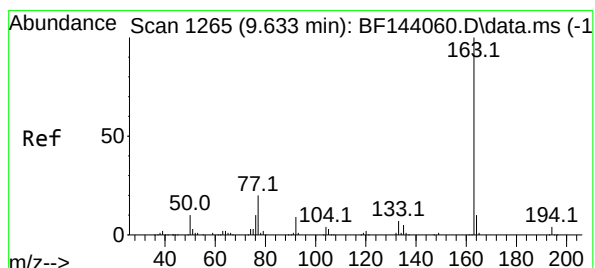
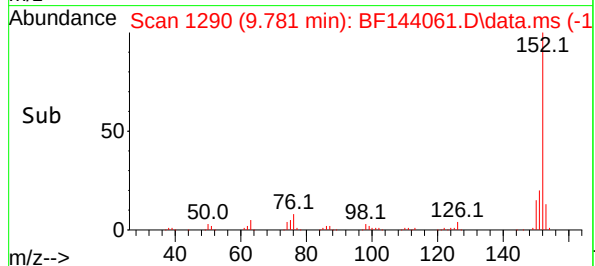
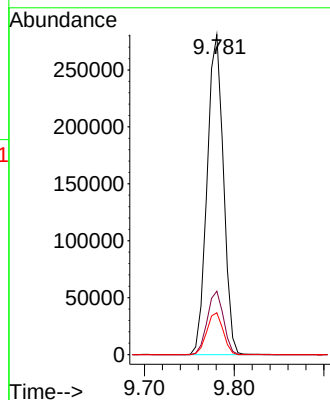
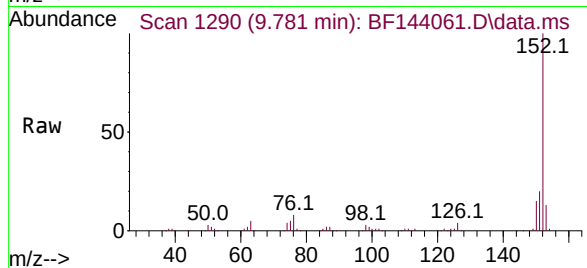
Tgt Ion:152 Resp: 353529

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.4 15.6



#50

Dimethylphthalate

Concen: 46.495 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

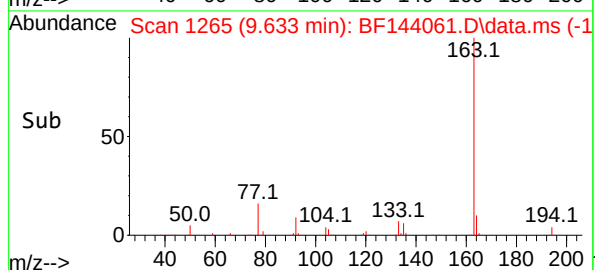
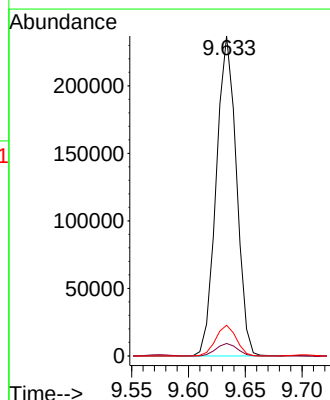
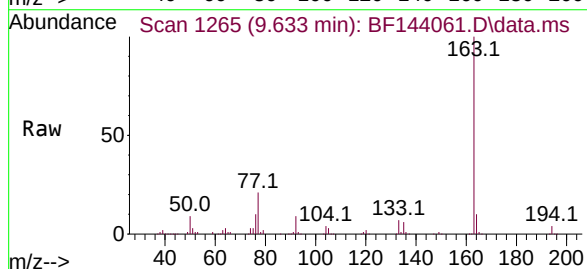
Tgt Ion:163 Resp: 291936

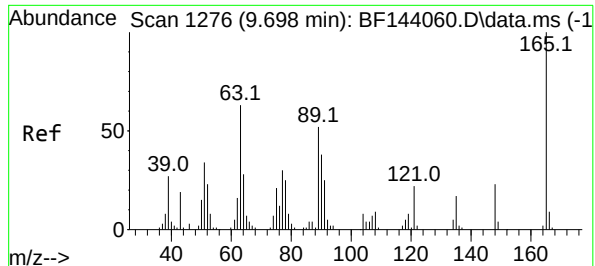
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.6 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 48.590 ng

RT: 9.698 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

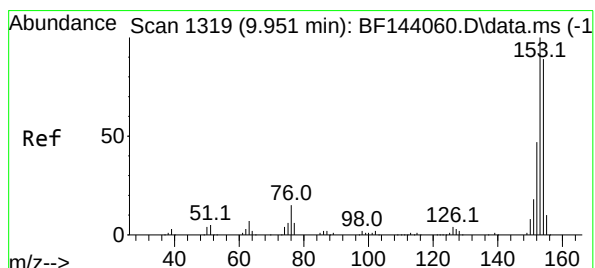
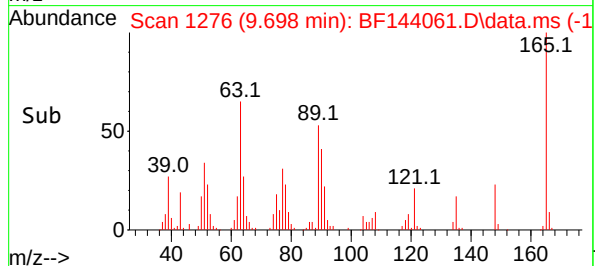
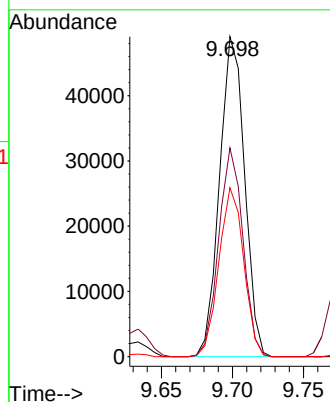
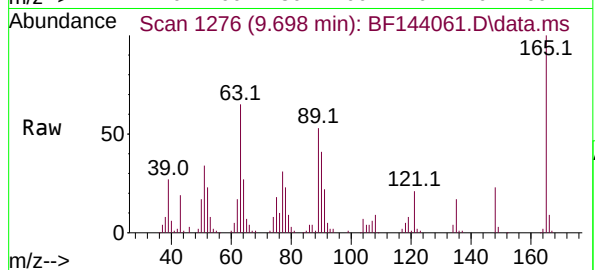
Tgt Ion:165 Resp: 60313

Ion Ratio Lower Upper

165 100

63 65.2 50.4 75.6

89 52.8 41.4 62.2



#52

Acenaphthene

Concen: 46.250 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

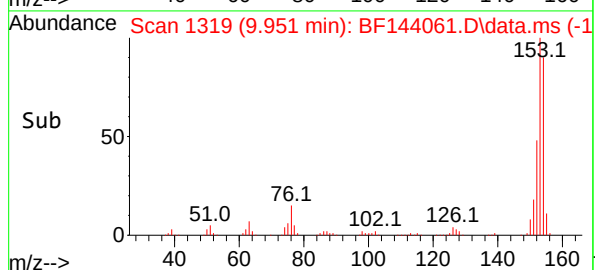
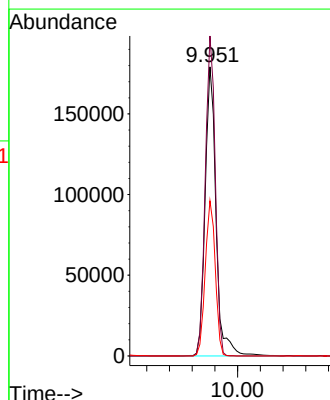
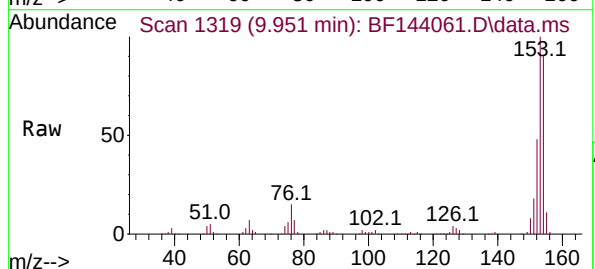
Tgt Ion:154 Resp: 239254

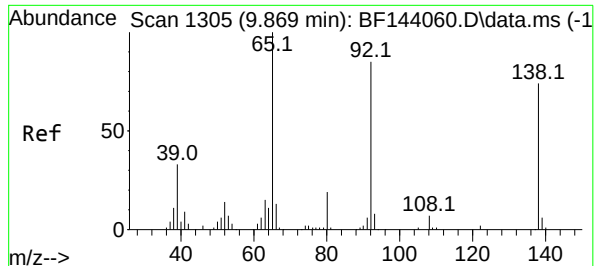
Ion Ratio Lower Upper

154 100

153 110.7 89.9 134.9

152 53.7 42.0 63.0

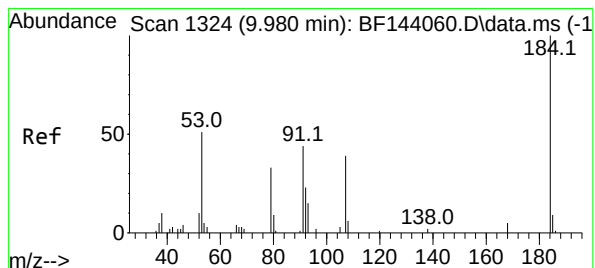
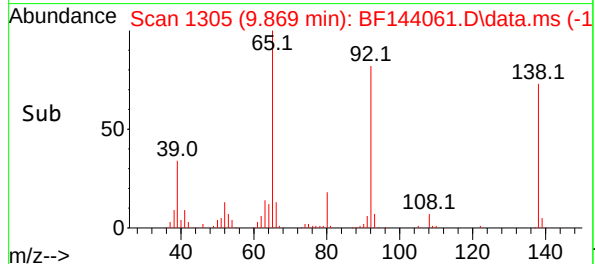
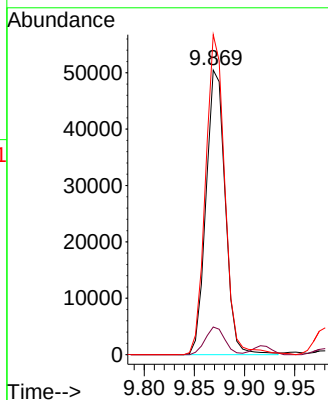
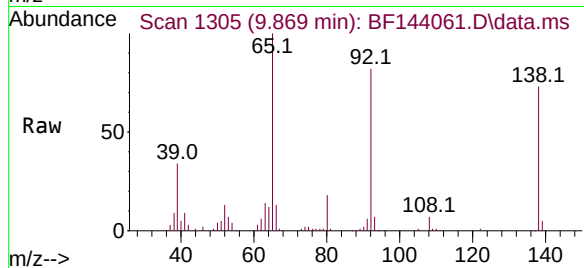




#53
3-Nitroaniline
Concen: 48.727 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

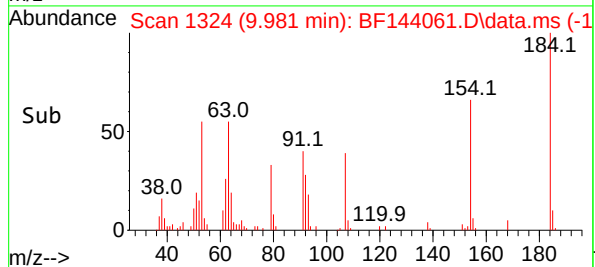
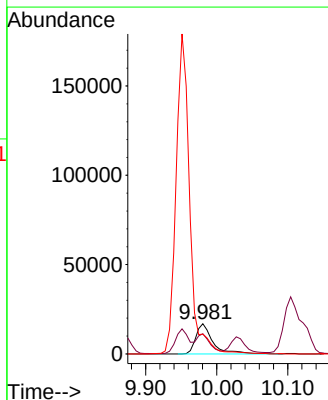
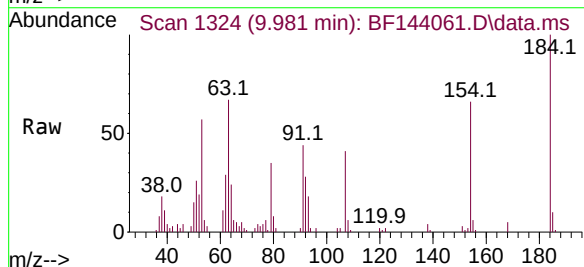
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

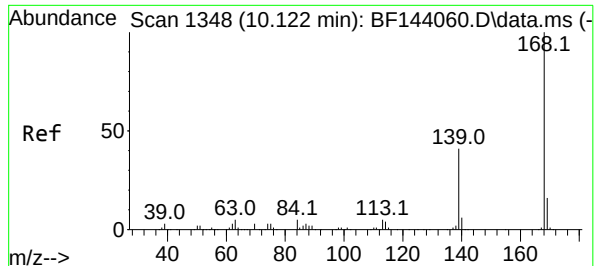
Tgt Ion:138 Resp: 67246
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 112.5 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 41.328 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:184 Resp: 27746
Ion Ratio Lower Upper
184 100
63 66.6 52.1 78.1
154 66.0 47.9 71.9

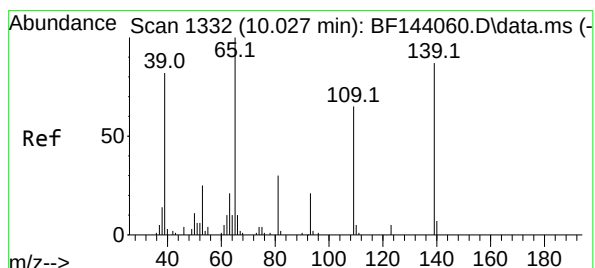
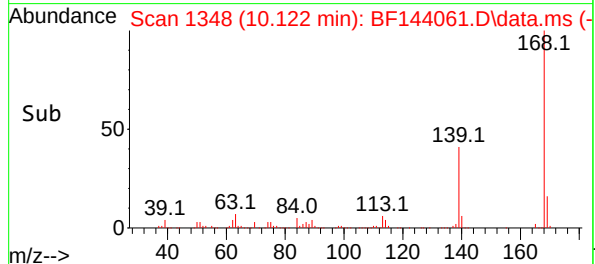
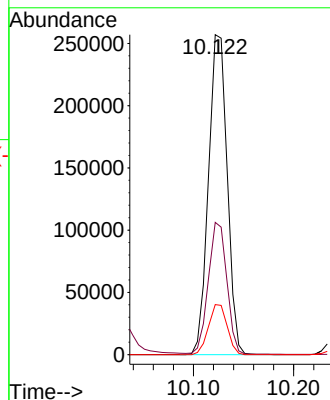
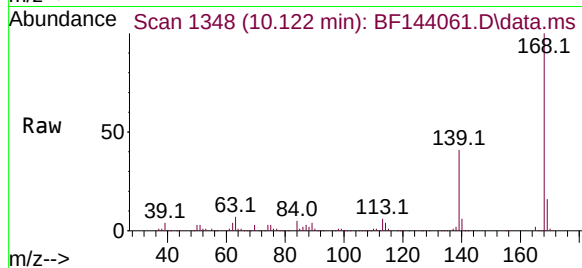




#55
Dibenzenofuran
Concen: 46.390 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

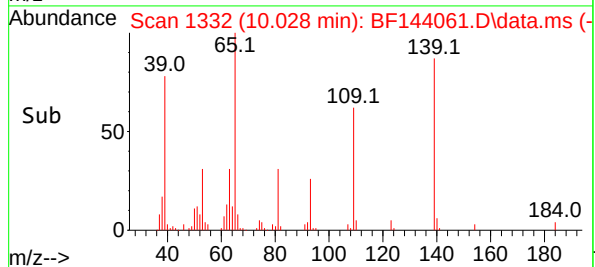
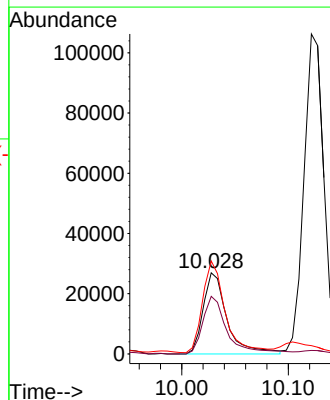
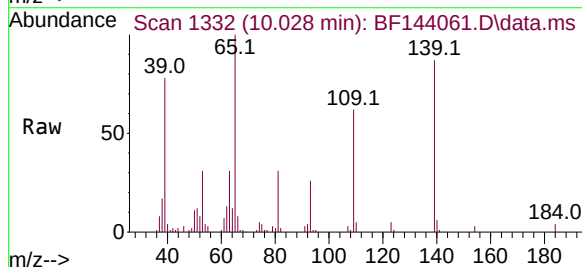
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

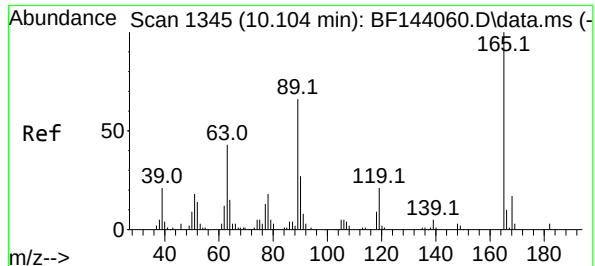
Tgt Ion:168 Resp: 333154
Ion Ratio Lower Upper
168 100
139 41.3 33.2 49.8
169 15.6 12.6 19.0



#56
4-Nitrophenol
Concen: 44.760 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:139 Resp: 41829
Ion Ratio Lower Upper
139 100
109 71.1 53.8 93.8
65 114.7 95.9 135.9

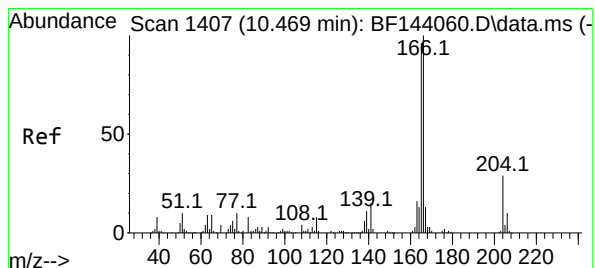
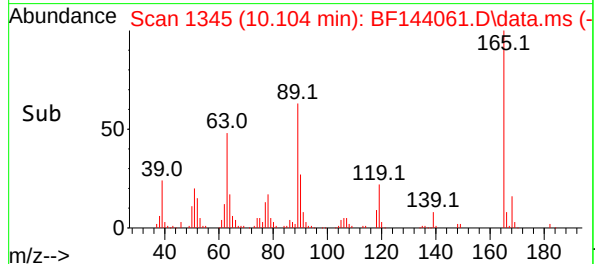
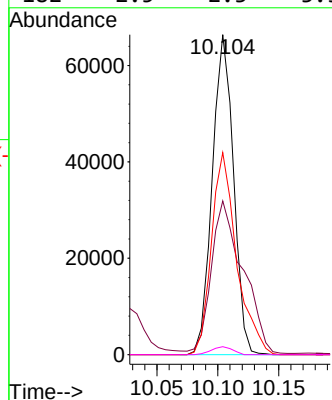
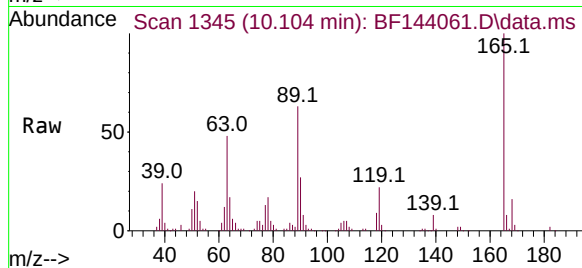




#57
2,4-Dinitrotoluene
Concen: 48.075 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

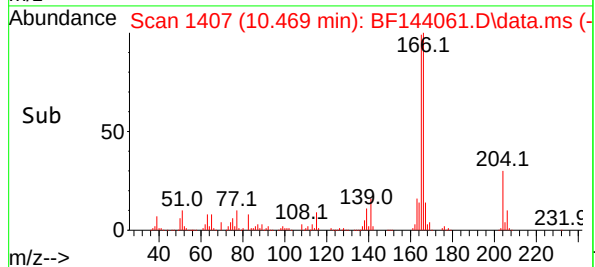
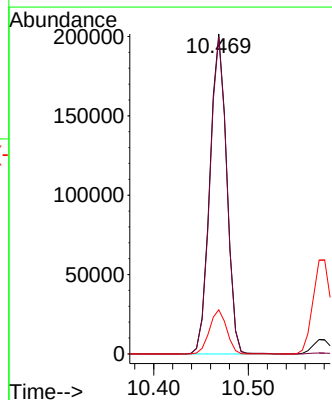
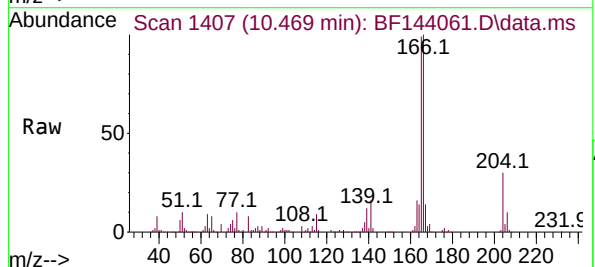
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

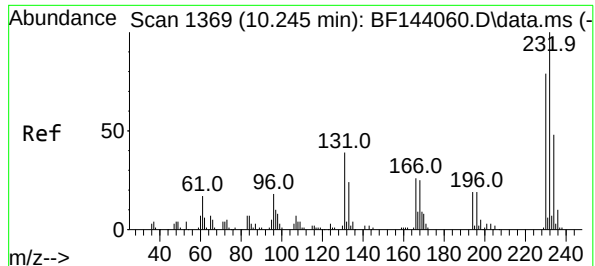
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	35.4	53.2
89	63.1	52.7	79.1
182	2.5	2.3	3.5



#58
Fluorene
Concen: 45.558 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.0	115.4
167	13.8	10.2	15.4

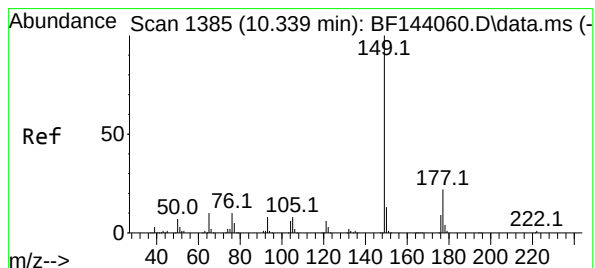
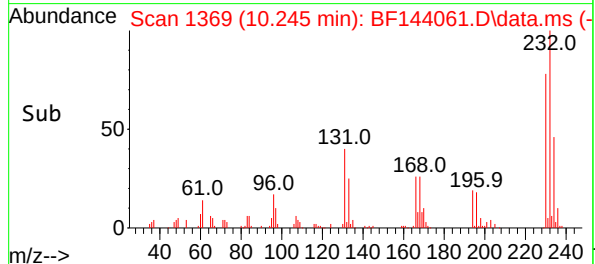
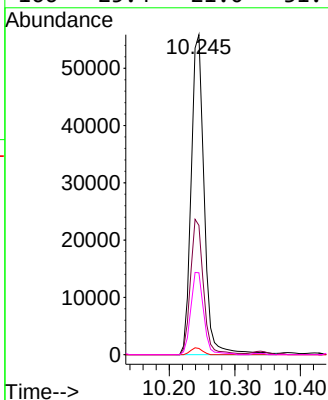
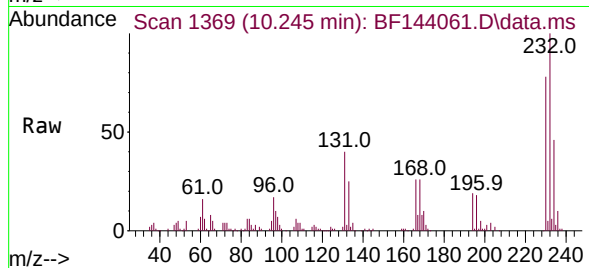




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.766 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

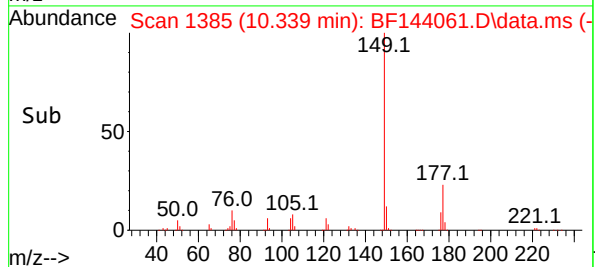
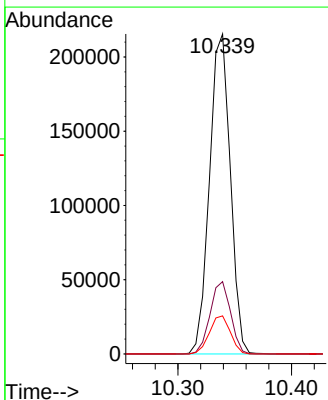
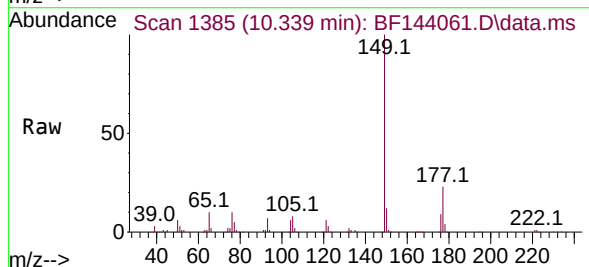
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

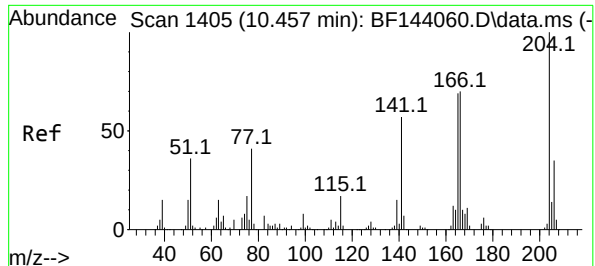
Tgt Ion:232 Resp: 77175
Ion Ratio Lower Upper
232 100
131 42.1 31.9 47.9
130 1.9 1.1 1.7#
166 25.4 21.0 31.4



#60
Diethylphthalate
Concen: 46.451 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 274281
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.6
150 11.9 10.1 15.1

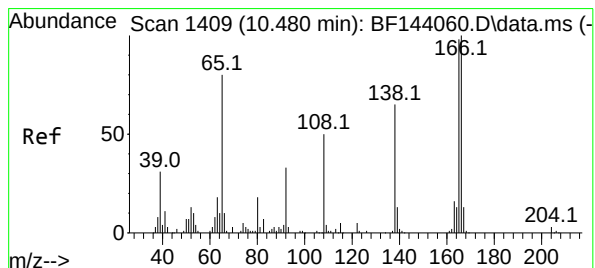
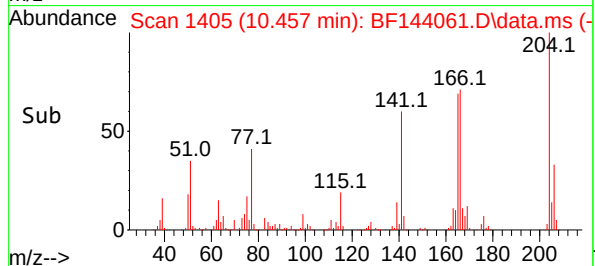
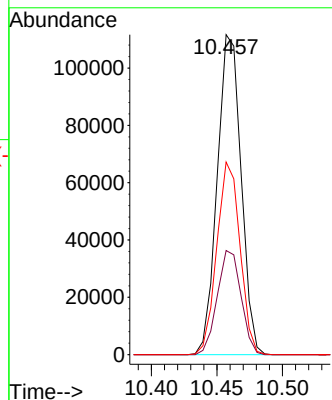
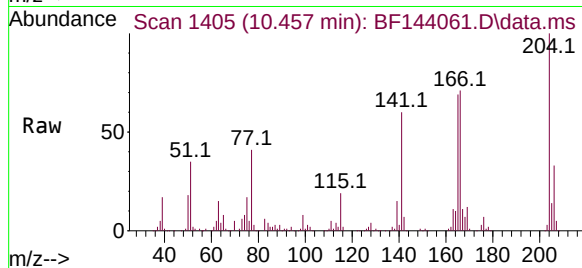




#61
4-Chlorophenyl-phenylether
Concen: 46.015 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

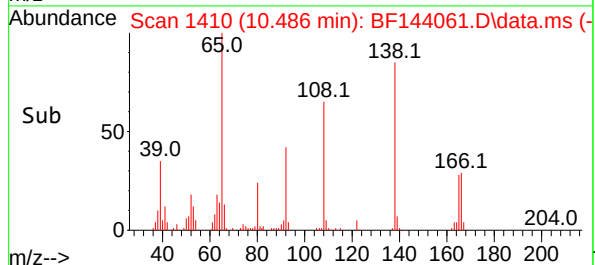
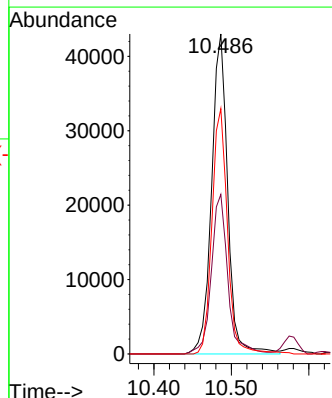
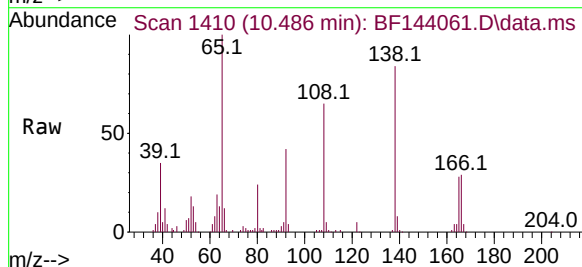
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

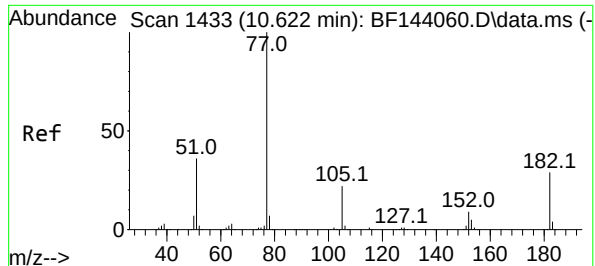
Tgt Ion:204 Resp: 141601
Ion Ratio Lower Upper
204 100
206 32.5 27.8 41.6
141 60.2 45.4 68.2



#62
4-Nitroaniline
Concen: 47.618 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:138 Resp: 62266
Ion Ratio Lower Upper
138 100
92 49.8 30.5 70.5
108 76.6 56.2 96.2

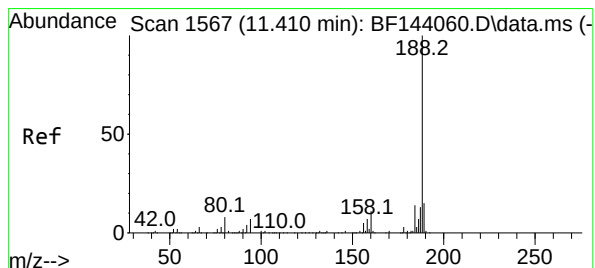
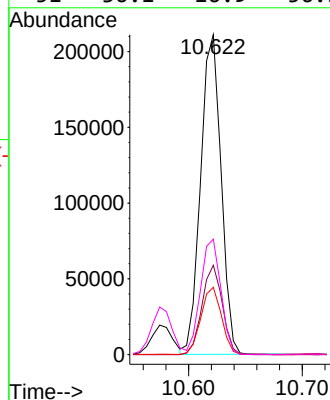
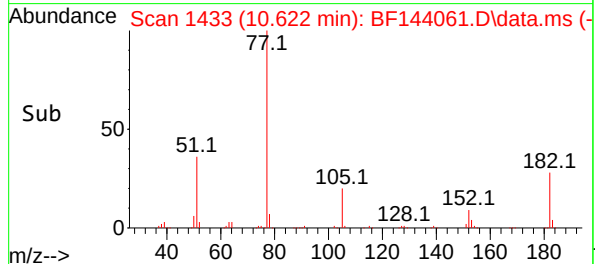
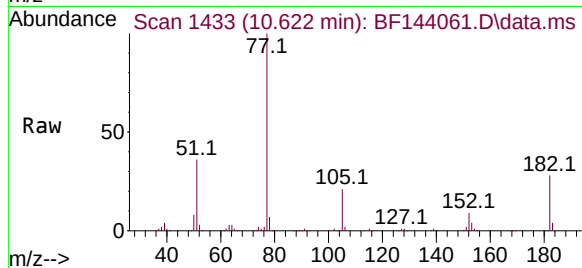




#63
Azobenzene
Concen: 47.243 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

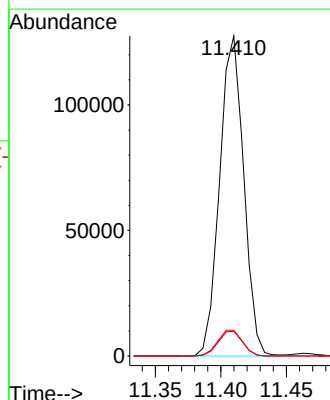
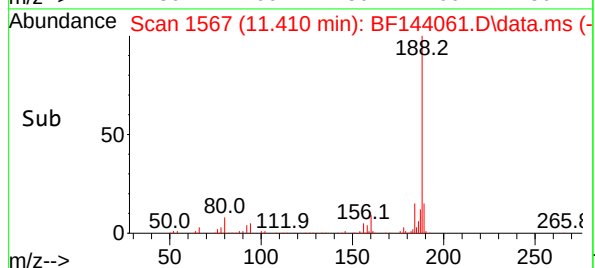
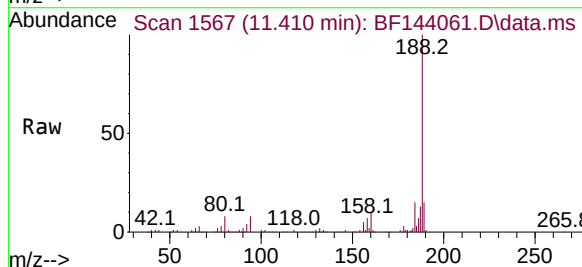
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

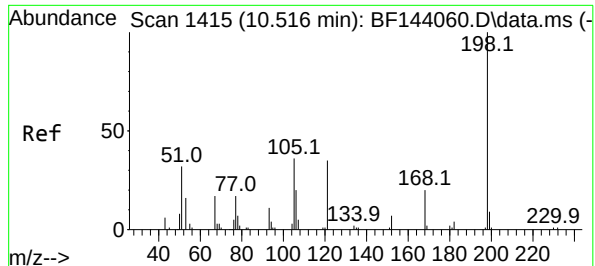
Tgt Ion: 77 Resp: 264030
Ion Ratio Lower Upper
77 100
182 27.9 9.0 49.0
105 21.0 1.4 41.4
51 36.1 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion: 188 Resp: 163068
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.0
80 8.0 6.0 9.0

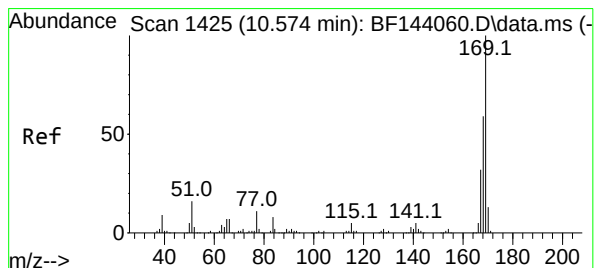
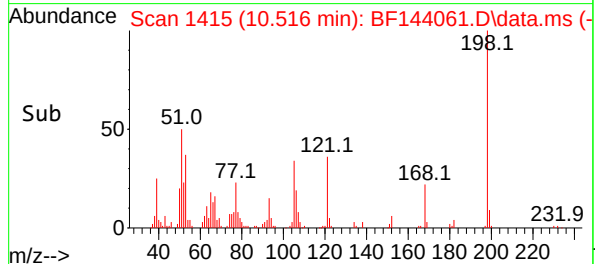
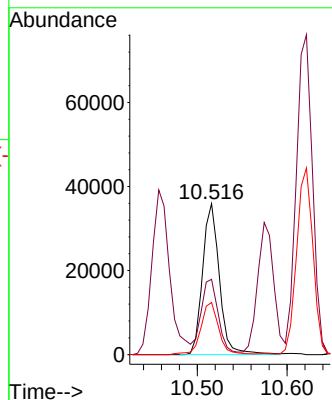
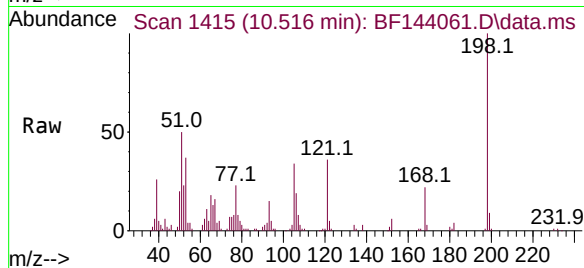




#65
4,6-Dinitro-2-methylphenol
Concen: 44.864 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

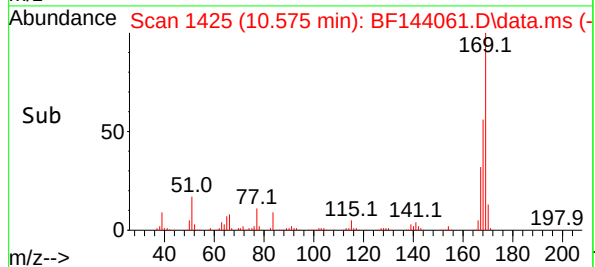
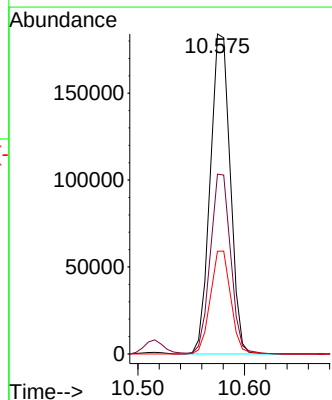
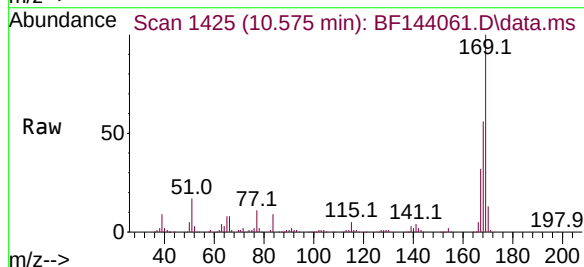
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

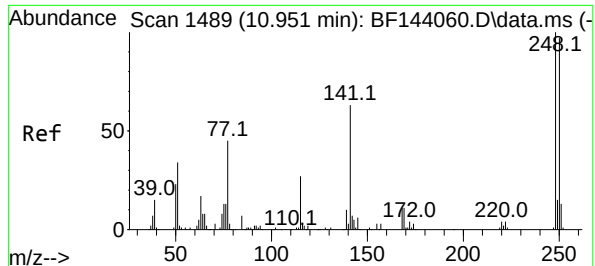
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.8	25.8	65.8
105	34.5	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 46.171 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	56.2	47.4	71.2
167	32.1	25.5	38.3

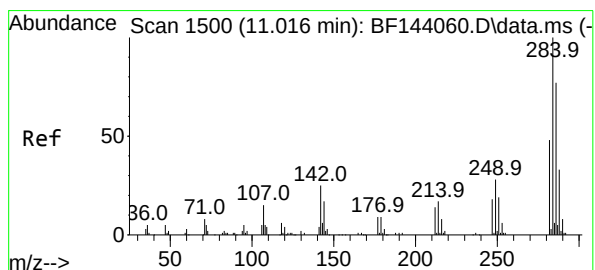
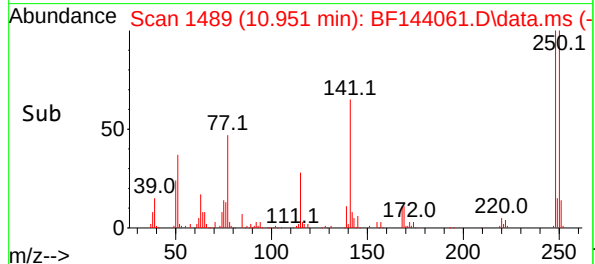
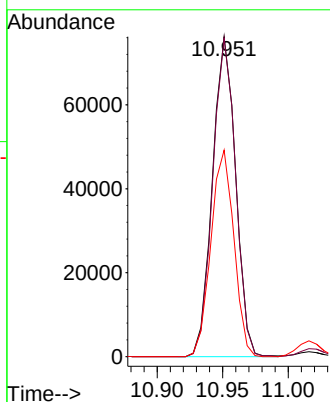
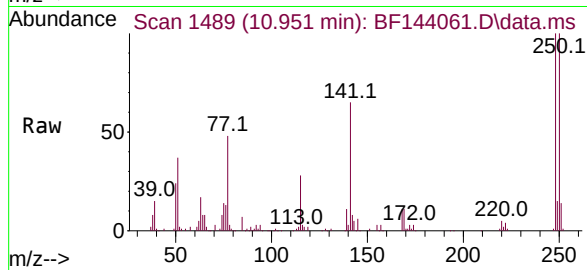




#67
4-Bromophenyl-phenylether
Concen: 45.996 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

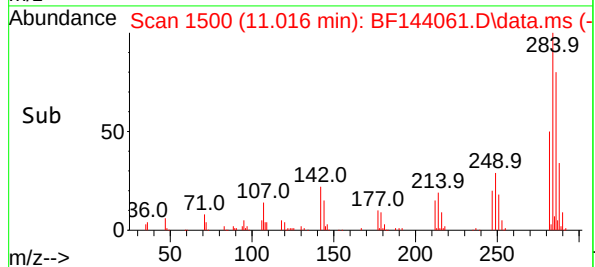
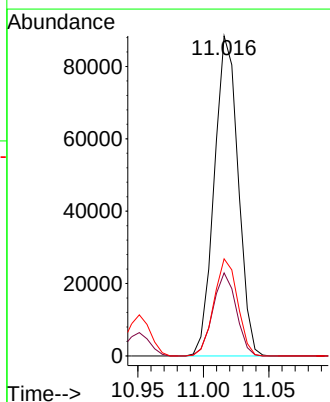
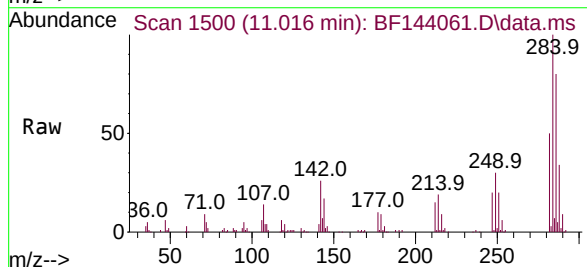
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

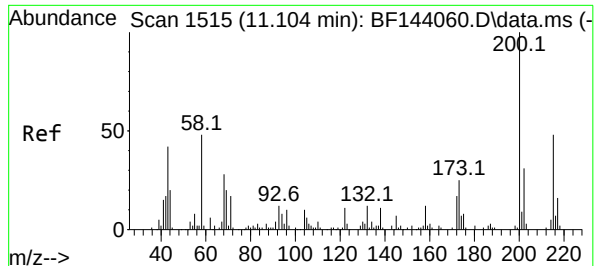
Tgt Ion:248 Resp: 93911
Ion Ratio Lower Upper
248 100
250 99.5 77.8 116.6
141 64.5 50.5 75.7



#68
Hexachlorobenzene
Concen: 44.706 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:284 Resp: 111943
Ion Ratio Lower Upper
284 100
142 25.9 20.0 30.0
249 30.3 22.2 33.2





#69

Atrazine

Concen: 44.162 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

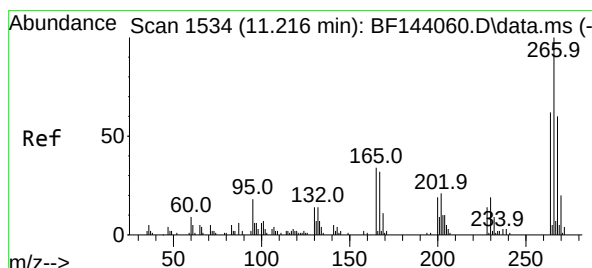
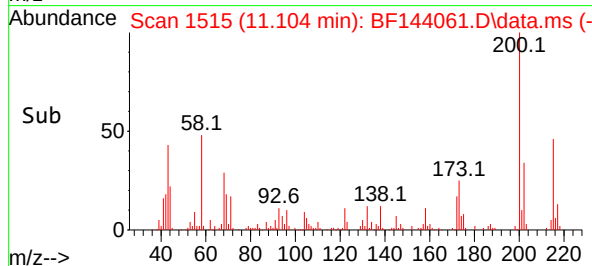
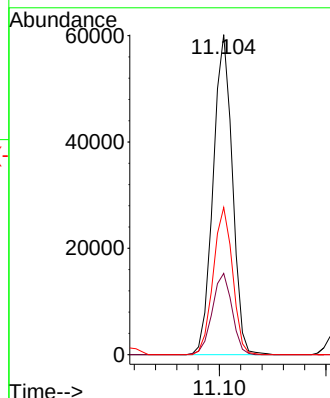
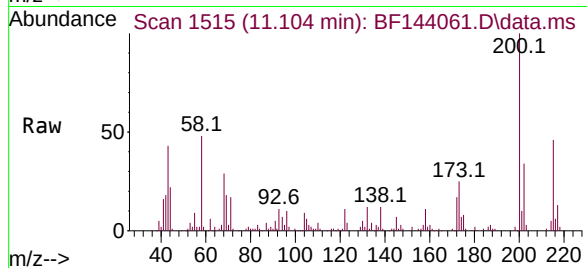
Tgt Ion:200 Resp: 75502

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

215 46.0 28.2 68.2



#70

Pentachlorophenol

Concen: 48.981 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

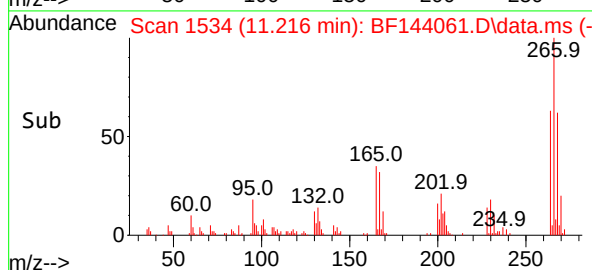
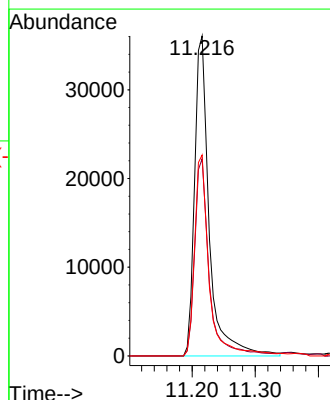
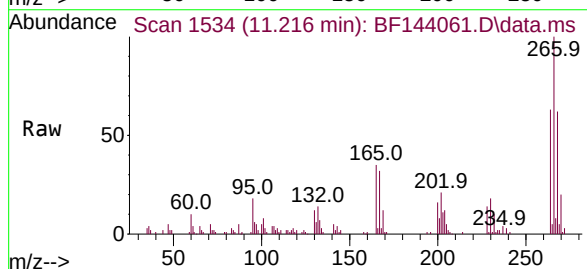
Tgt Ion:266 Resp: 58380

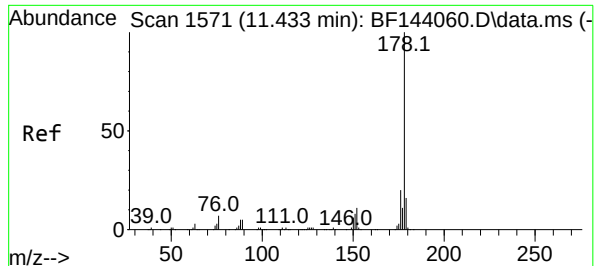
Ion Ratio Lower Upper

266 100

268 61.6 48.2 72.4

264 62.8 49.4 74.0

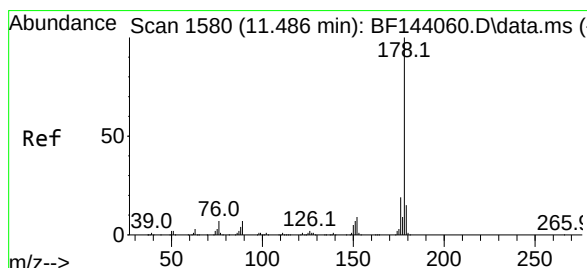
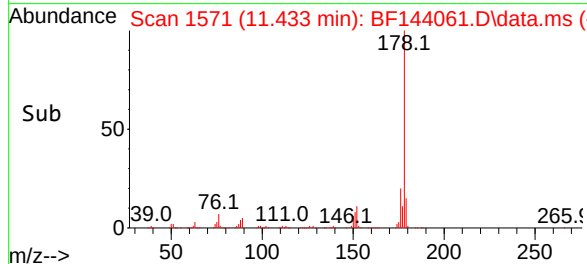
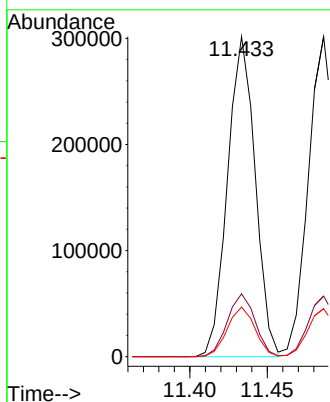
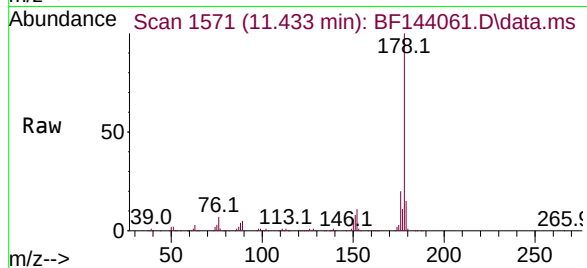




#71
Phenanthrene
Concen: 46.205 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

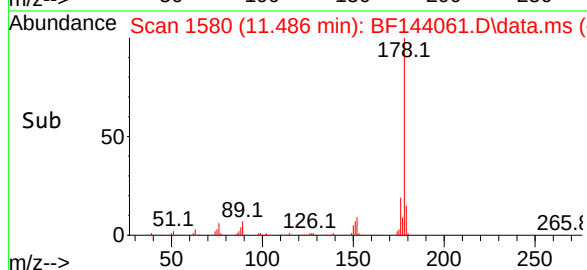
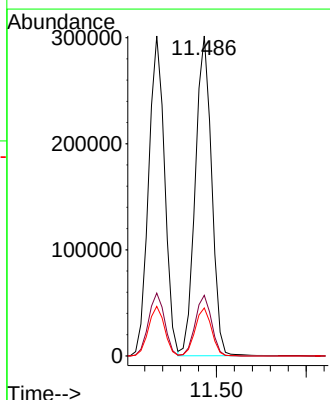
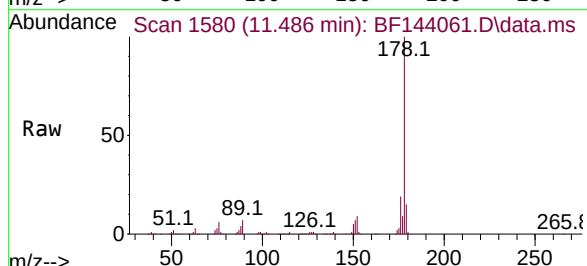
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

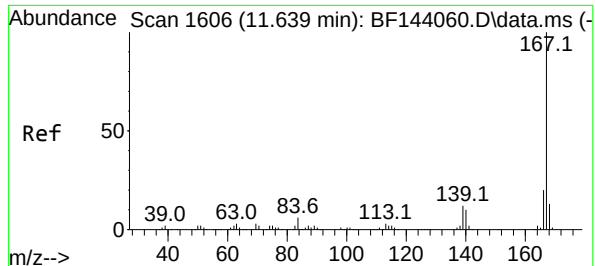
Tgt Ion:178 Resp: 374285
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.5 12.6 18.8



#72
Anthracene
Concen: 45.423 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

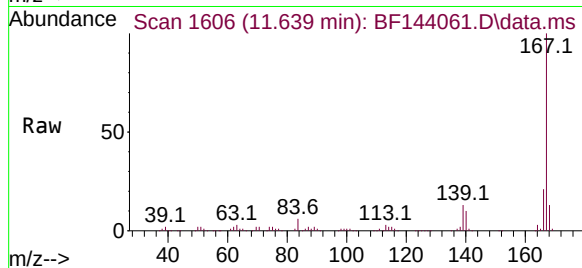
Tgt Ion:178 Resp: 380096
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.0 11.8 17.6



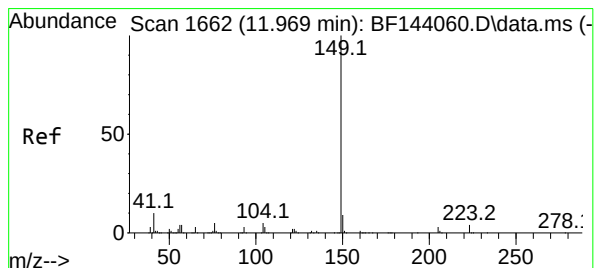
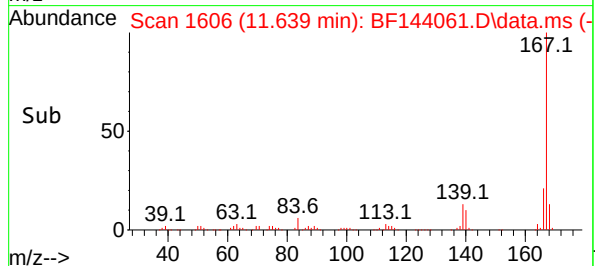
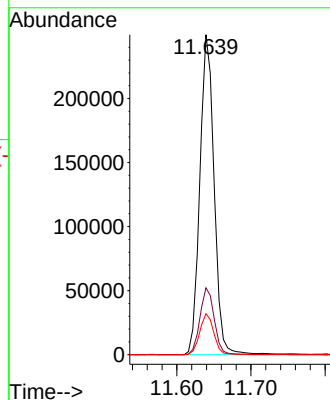


#73
Carbazole
Concen: 46.845 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

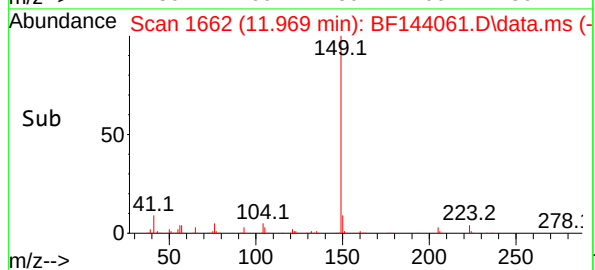
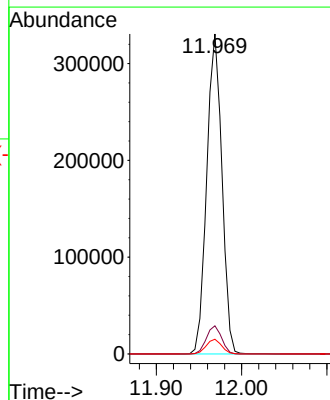
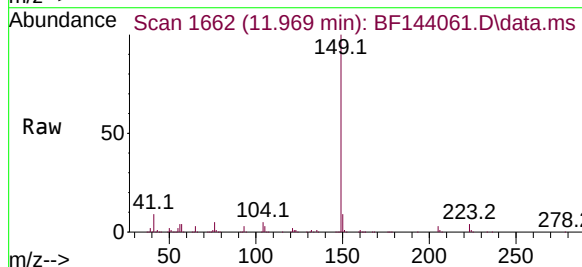


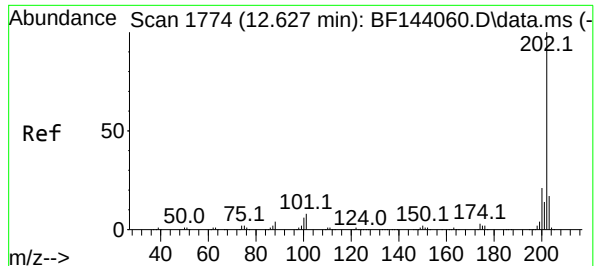
Tgt Ion:167 Resp: 333654
Ion Ratio Lower Upper
167 100
166 20.9 16.1 24.1
139 12.8 9.8 14.6



#74
Di-n-butylphthalate
Concen: 46.795 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 408630
Ion Ratio Lower Upper
149 100
150 8.8 7.3 10.9
104 4.6 3.6 5.4

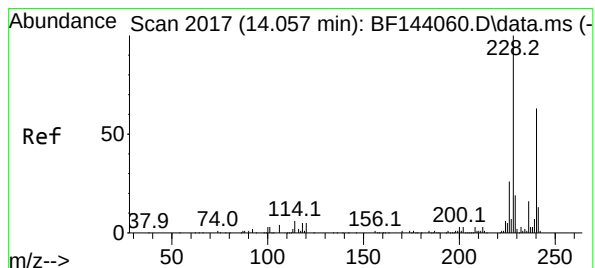
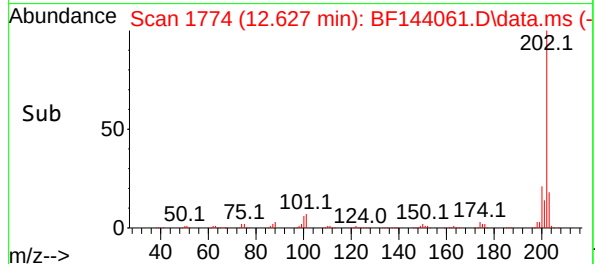
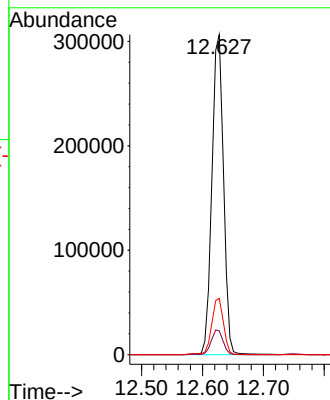
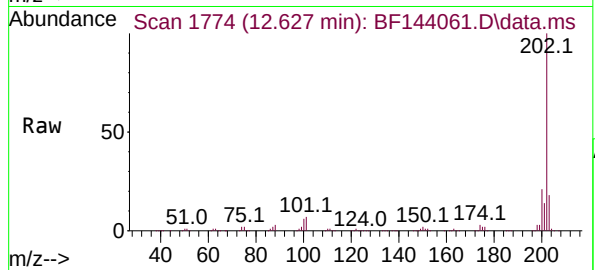




#75
Fluoranthene
Concen: 45.411 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

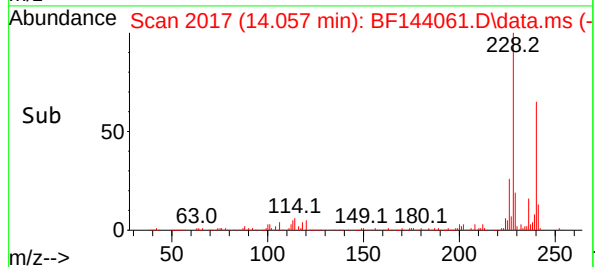
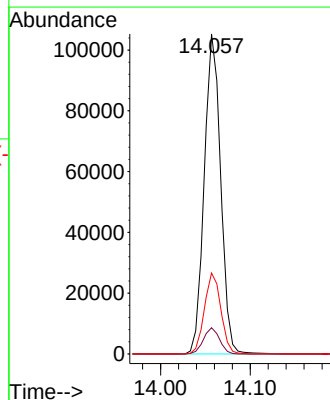
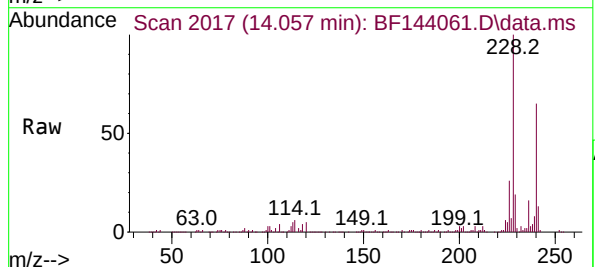
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

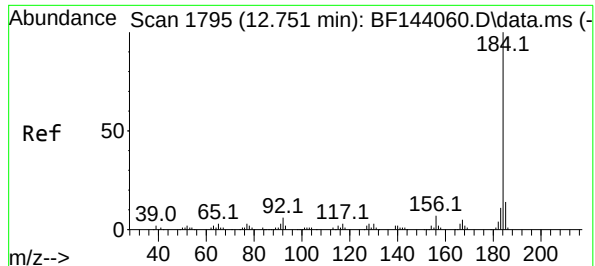
Tgt Ion:202 Resp: 406402
Ion Ratio Lower Upper
202 100
101 7.4 0.0 27.7
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:240 Resp: 133555
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.3 20.1 30.1





#77

Benzidine

Concen: 41.214 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

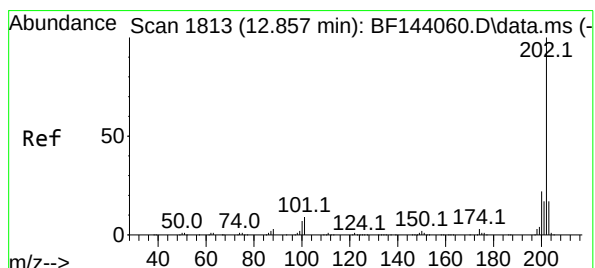
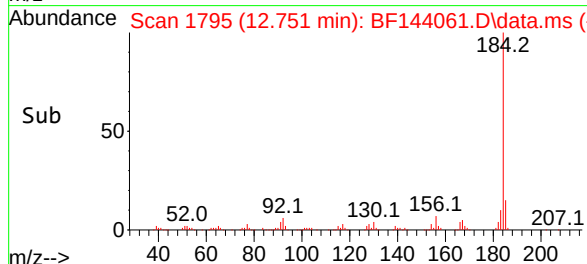
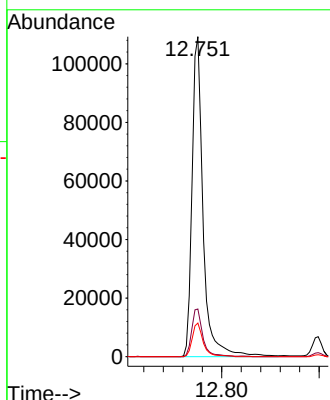
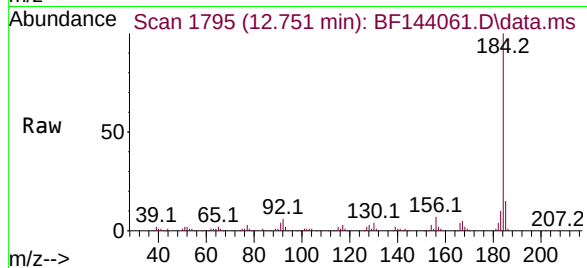
Tgt Ion:184 Resp: 171303

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.5 8.5 12.7



#78

Pyrene

Concen: 45.038 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

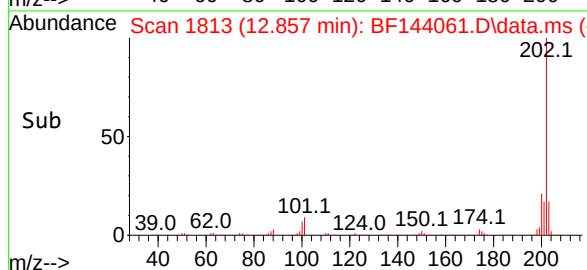
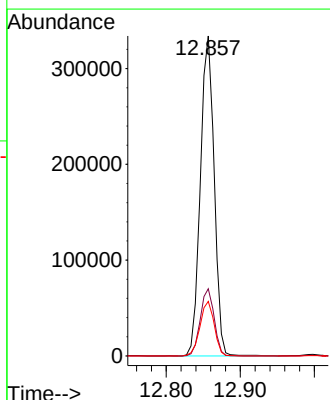
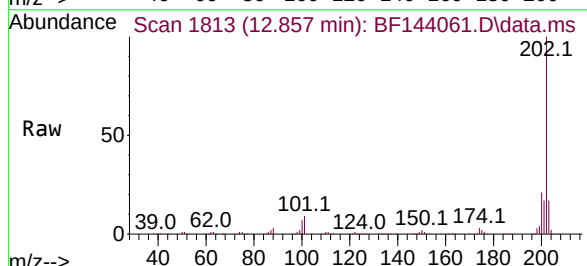
Tgt Ion:202 Resp: 432441

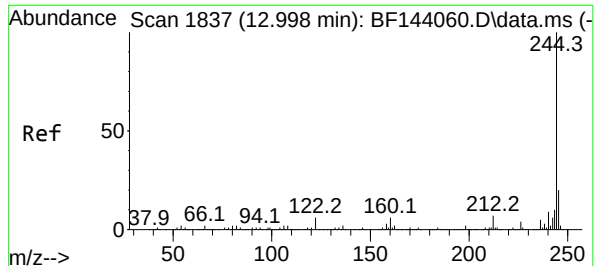
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 17.0 13.5 20.3





#79

Terphenyl-d14

Concen: 87.573 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

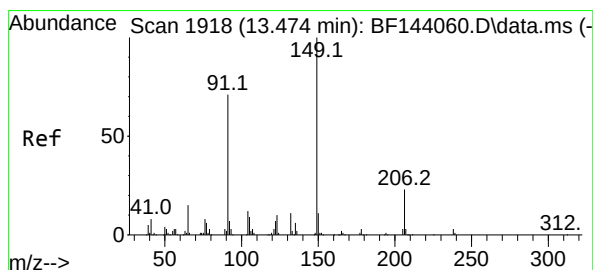
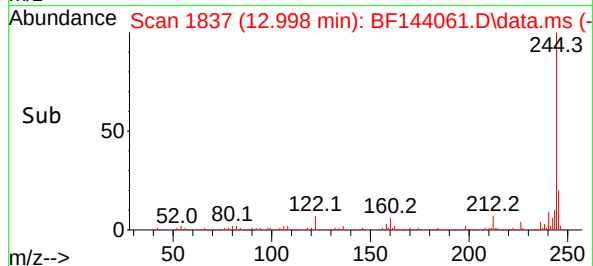
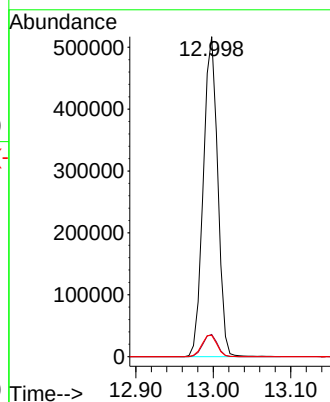
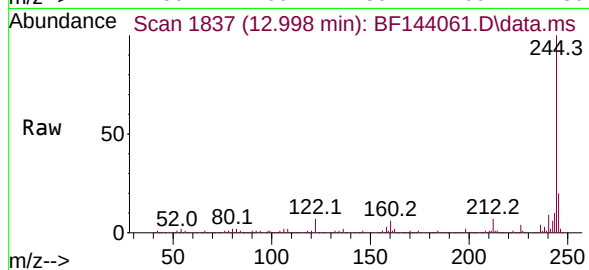
Tgt Ion:244 Resp: 669013

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 6.6 4.9 7.3



#80

Butylbenzylphthalate

Concen: 45.417 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

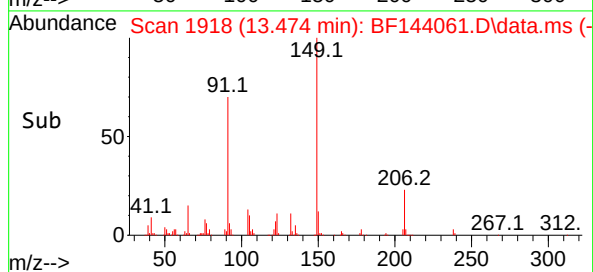
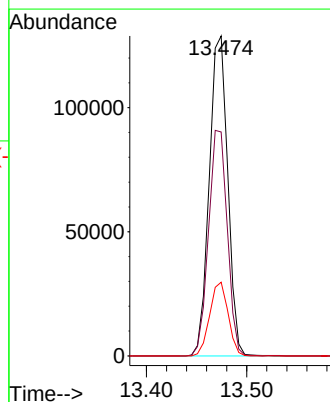
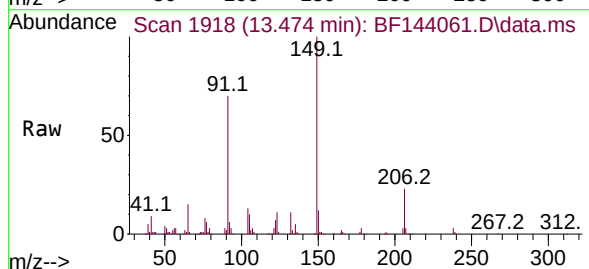
Tgt Ion:149 Resp: 164976

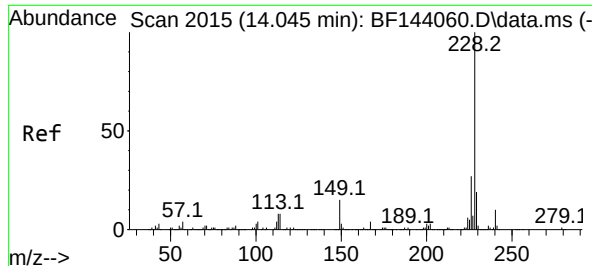
Ion Ratio Lower Upper

149 100

91 70.0 56.6 84.8

206 23.0 18.3 27.5

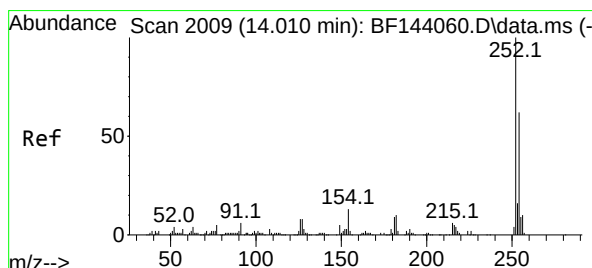
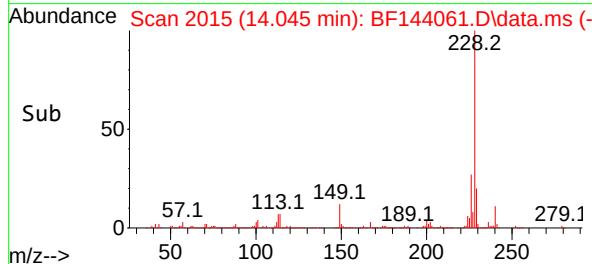
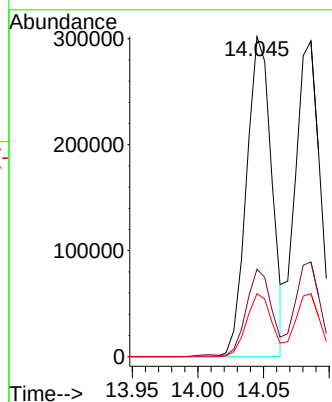
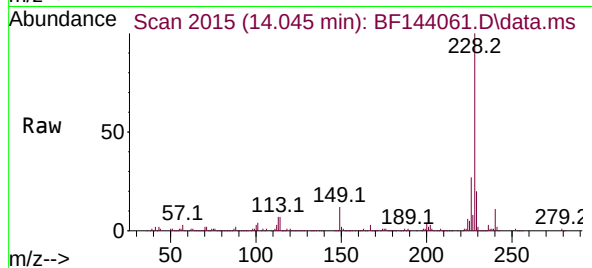




#81
Benzo(a)anthracene
Concen: 44.609 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

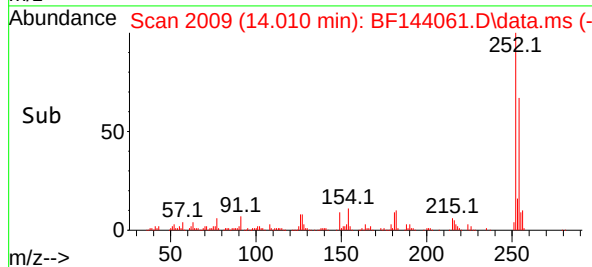
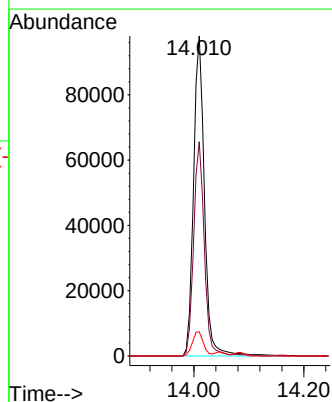
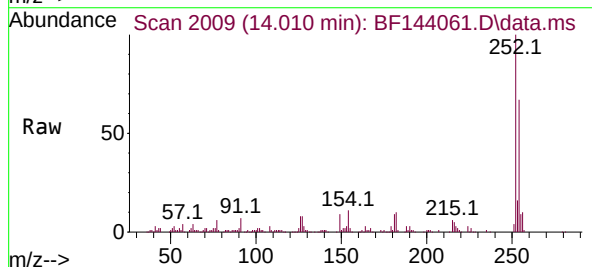
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

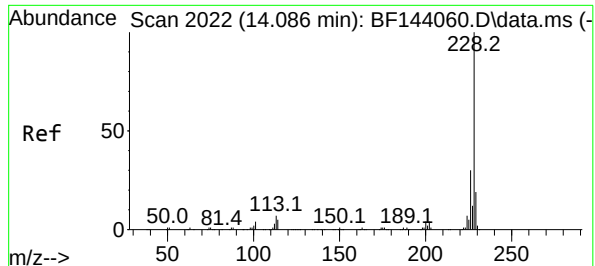
Tgt Ion:228 Resp: 402629
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.2
229 19.7 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 42.940 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:252 Resp: 134912
Ion Ratio Lower Upper
252 100
254 66.9 49.9 74.9
126 7.5 6.5 9.7

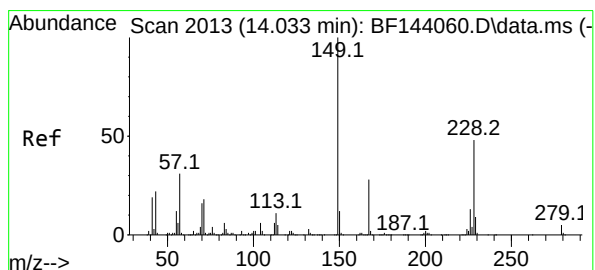
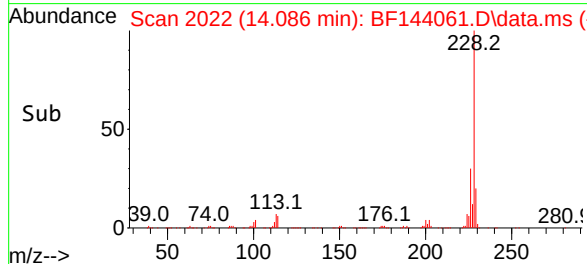
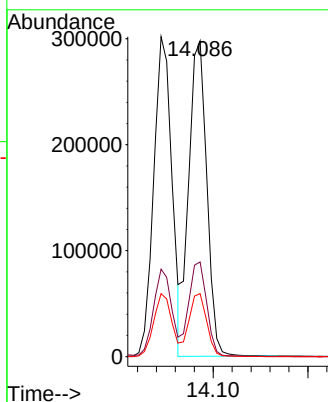
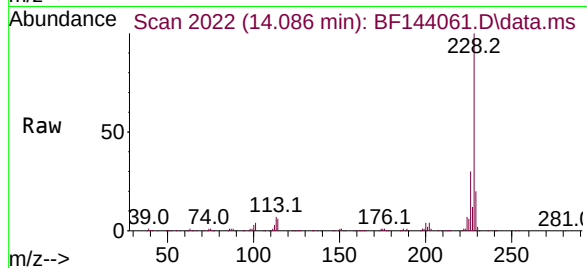




#83
Chrysene
Concen: 46.461 ng
RT: 14.086 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

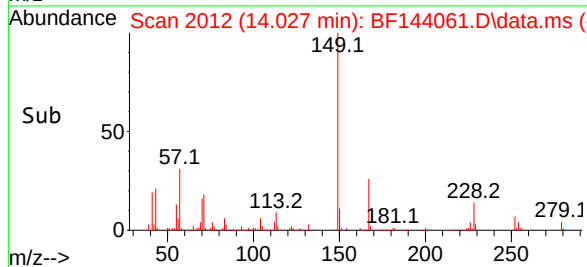
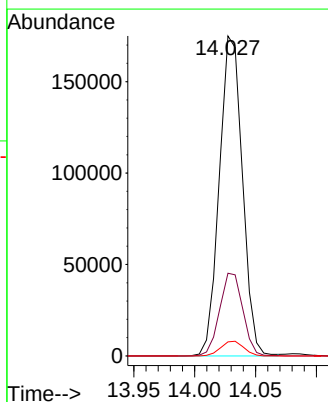
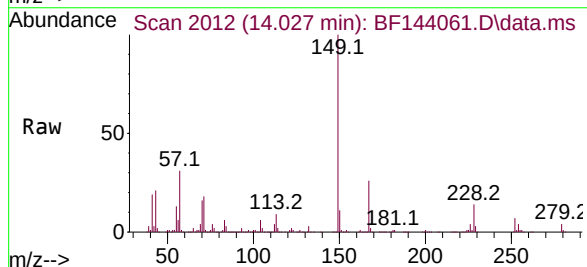
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

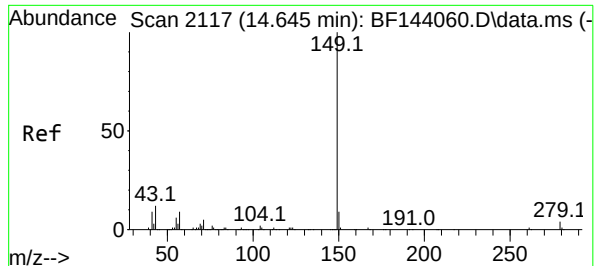
Tgt Ion:228 Resp: 393508
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.6
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.450 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:149 Resp: 230343
Ion Ratio Lower Upper
149 100
167 25.8 22.5 33.7
279 4.4 3.6 5.4

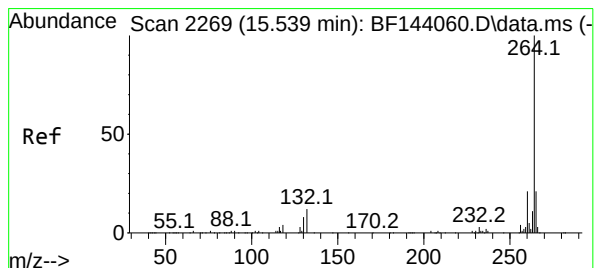
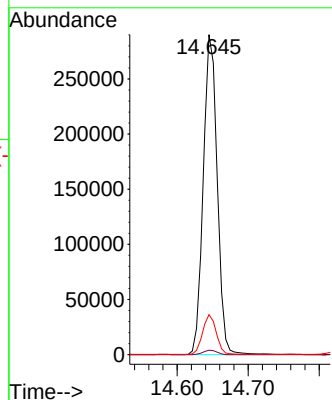
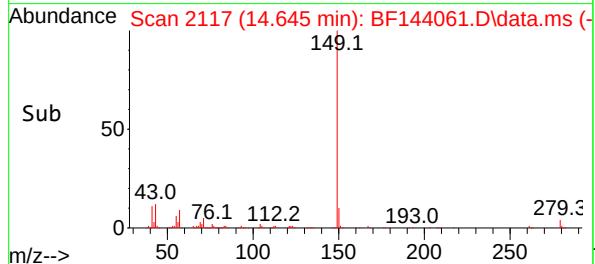
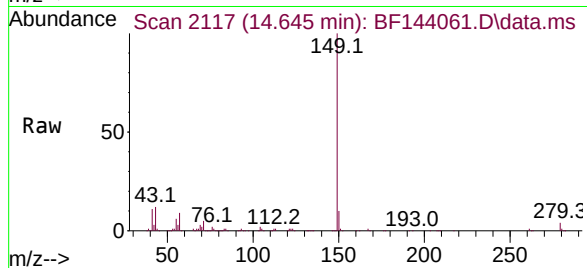




#85
Di-n-octyl phthalate
Concen: 46.156 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

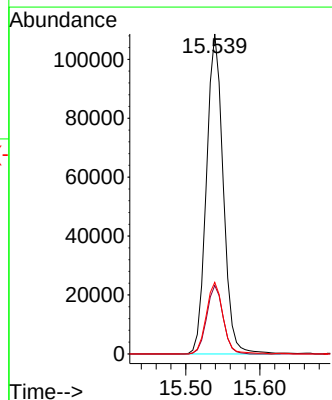
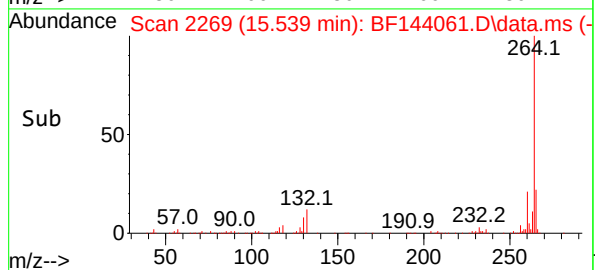
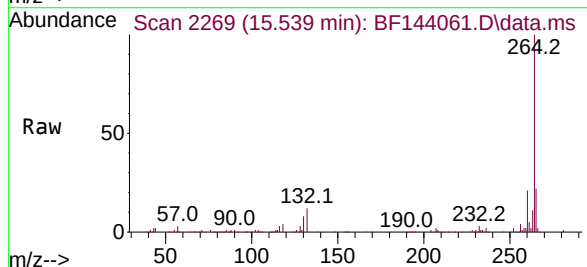
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

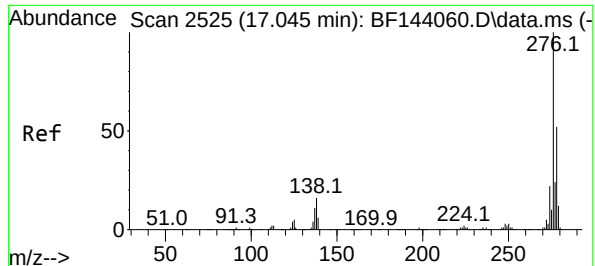
Tgt Ion:149 Resp: 393623
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 12.3 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:264 Resp: 170761
Ion Ratio Lower Upper
264 100
260 21.4 17.0 25.4
265 22.4 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.151 ng

RT: 17.045 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

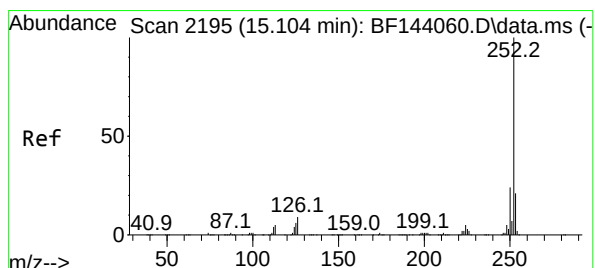
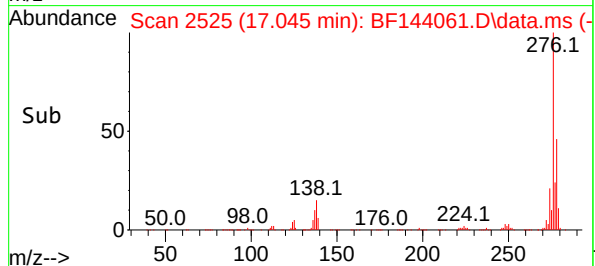
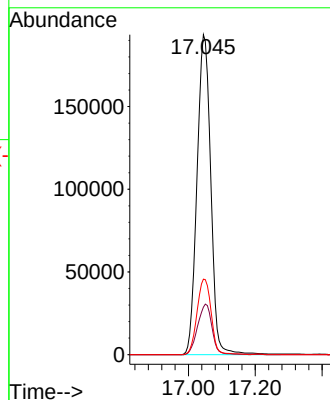
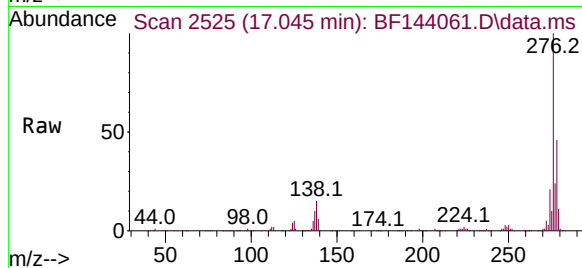
Tgt Ion:276 Resp: 552781

Ion Ratio Lower Upper

276 100

138 16.4 13.0 19.6

277 24.2 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 46.646 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

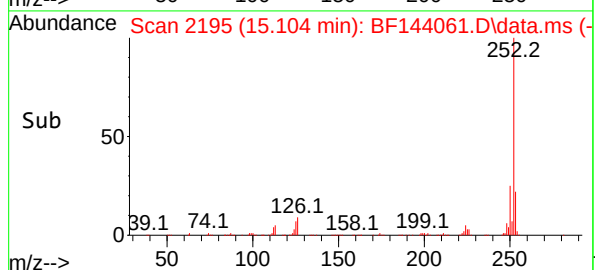
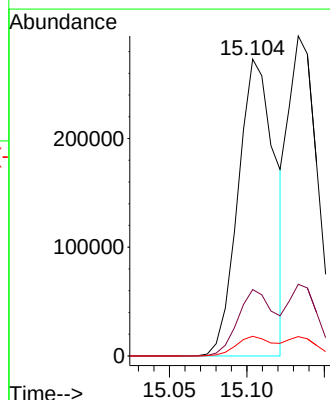
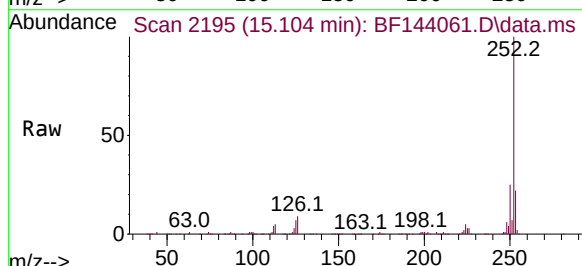
Tgt Ion:252 Resp: 450302

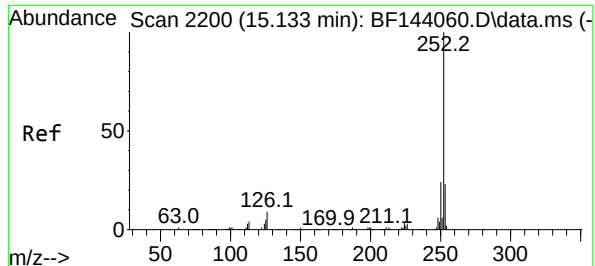
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 6.6 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 43.445 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

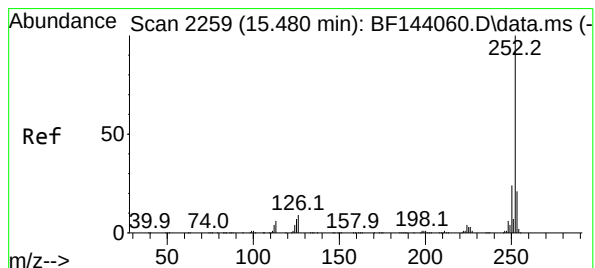
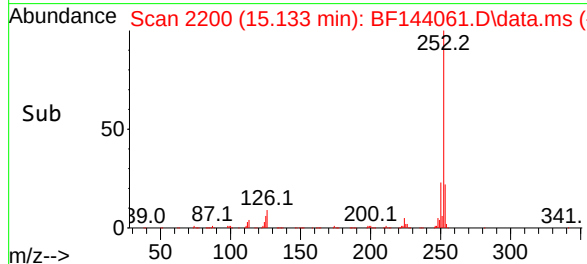
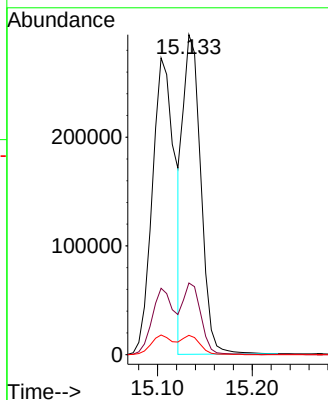
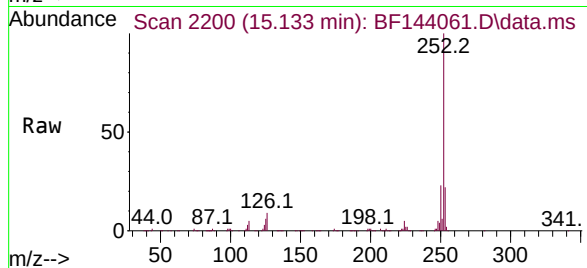
Tgt Ion:252 Resp: 386955

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.0 4.9 7.3



#90

Benzo(a)pyrene

Concen: 46.436 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144061.D

Acq: 24 Oct 2025 13:34

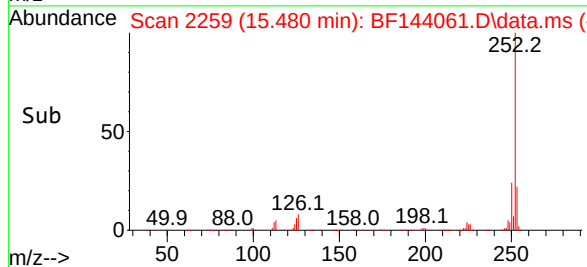
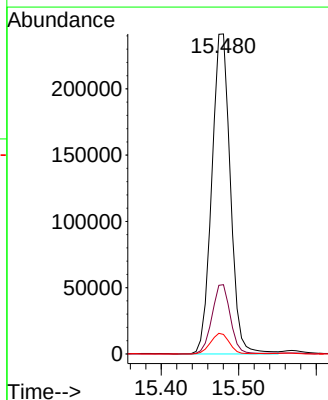
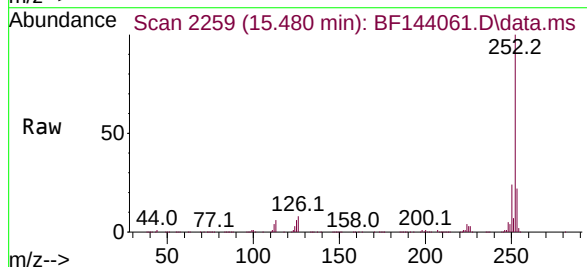
Tgt Ion:252 Resp: 402167

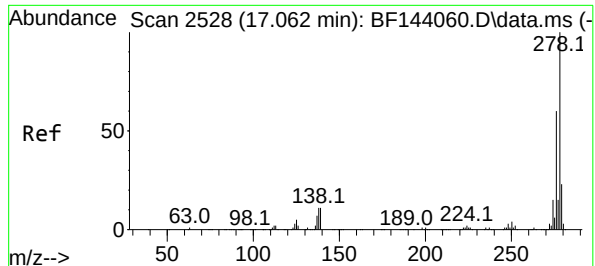
Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 6.1 5.4 8.2

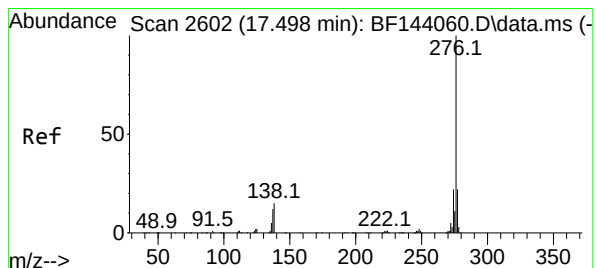
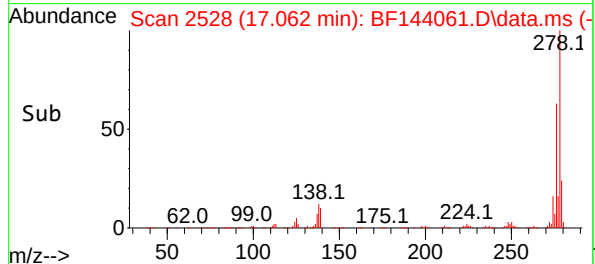
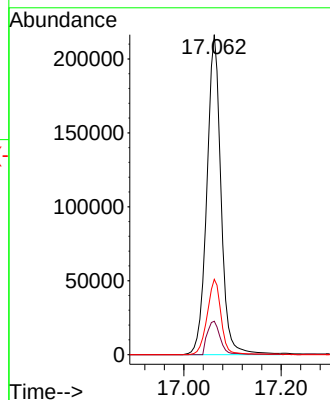
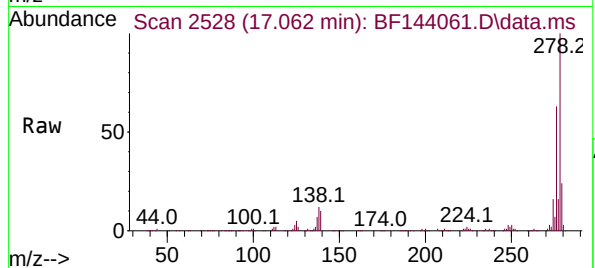




#91
Dibenzo(a,h)anthracene
Concen: 47.119 ng
RT: 17.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

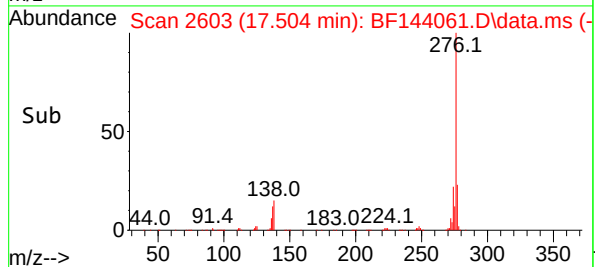
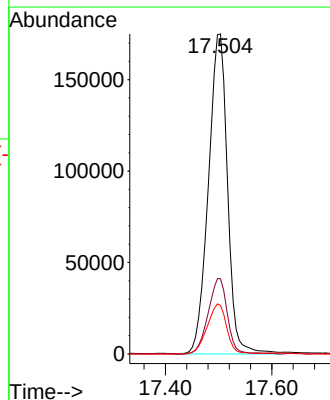
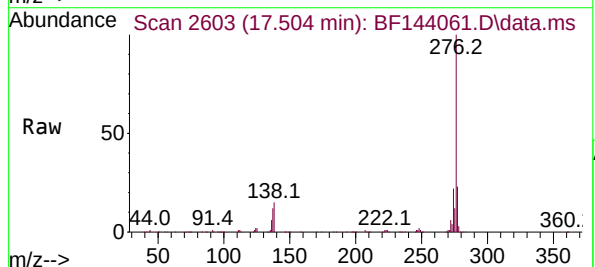
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 437275
Ion Ratio Lower Upper
278 100
139 10.4 8.5 12.7
279 23.5 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 46.804 ng
RT: 17.504 min Scan# 2603
Delta R.T. 0.006 min
Lab File: BF144061.D
Acq: 24 Oct 2025 13:34

Tgt Ion:276 Resp: 436689
Ion Ratio Lower Upper
276 100
277 23.5 17.9 26.9
138 15.1 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144063.D
 Acq On : 24 Oct 2025 14:32
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Oct 24 17:05:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58739	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	209353	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	112793	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	191608	20.000	ng	0.00
76) Chrysene-d12	14.062	240	151514	20.000	ng	0.00
86) Perylene-d12	15.539	264	200004	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	510582	137.523	ng	0.00
7) Phenol-d6	6.516	99	560479	136.693	ng	0.01
23) Nitrobenzene-d5	7.451	82	552167	144.501	ng	0.01
42) 2,4,6-Tribromophenol	10.716	330	212808	148.116	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1050410	131.050	ng	0.00
79) Terphenyl-d14	13.004	244	1234056	142.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	113019	70.445	ng	97
3) Pyridine	3.398	79	321948	74.957	ng	97
4) n-Nitrosodimethylamine	3.369	42	201953	76.521	ng	97
6) Aniline	6.545	93	393504	67.082	ng	92
8) 2-Chlorophenol	6.669	128	250635	68.549	ng	97
9) Benzaldehyde	6.434	77	244035	76.656	ng	96
10) Phenol	6.528	94	339521	67.118	ng	87
11) bis(2-Chloroethyl)ether	6.622	93	254160	69.532	ng	99
12) 1,3-Dichlorobenzene	6.822	146	305526	67.741	ng	98
13) 1,4-Dichlorobenzene	6.898	146	304178	68.434	ng	99
14) 1,2-Dichlorobenzene	7.051	146	287786	66.915	ng	99
15) Benzyl Alcohol	7.028	79	240927	72.263	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	478809	69.697	ng	93
17) 2-Methylphenol	7.134	107	193458	68.795	ng	97
18) Hexachloroethane	7.392	117	112050	70.510	ng	93
19) n-Nitroso-di-n-propyla...	7.298	70	190167	71.721	ng	99
20) 3+4-Methylphenols	7.292	107	227718	68.500	ng	# 86
22) Acetophenone	7.298	105	310700	68.672	ng	99
24) Nitrobenzene	7.469	77	294221	72.786	ng	98
25) Isophorone	7.710	82	487685	73.000	ng	100
26) 2-Nitrophenol	7.781	139	138311	71.925	ng	97
27) 2,4-Dimethylphenol	7.816	122	207224	72.515	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	293996	70.566	ng	98
29) 2,4-Dichlorophenol	8.022	162	230075	69.232	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	239831	70.150	ng	97
31) Naphthalene	8.186	128	660164	66.812	ng	98
32) Benzoic acid	7.945	122	135524	74.766	ng	88
33) 4-Chloroaniline	8.233	127	239182	69.535	ng	97
34) Hexachlorobutadiene	8.304	225	196083	70.141	ng	98
35) Caprolactam	8.622	113	62887	75.462	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	209253	71.352	ng	96
37) 2-Methylnaphthalene	8.880	142	438984	67.385	ng	97
38) 1-Methylnaphthalene	8.975	142	418223	67.761	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	263109	67.873	ng	99
41) Hexachlorocyclopentadiene	9.028	237	99937	83.468	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	173959	69.040	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144063.D
 Acq On : 24 Oct 2025 14:32
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Oct 24 17:05:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

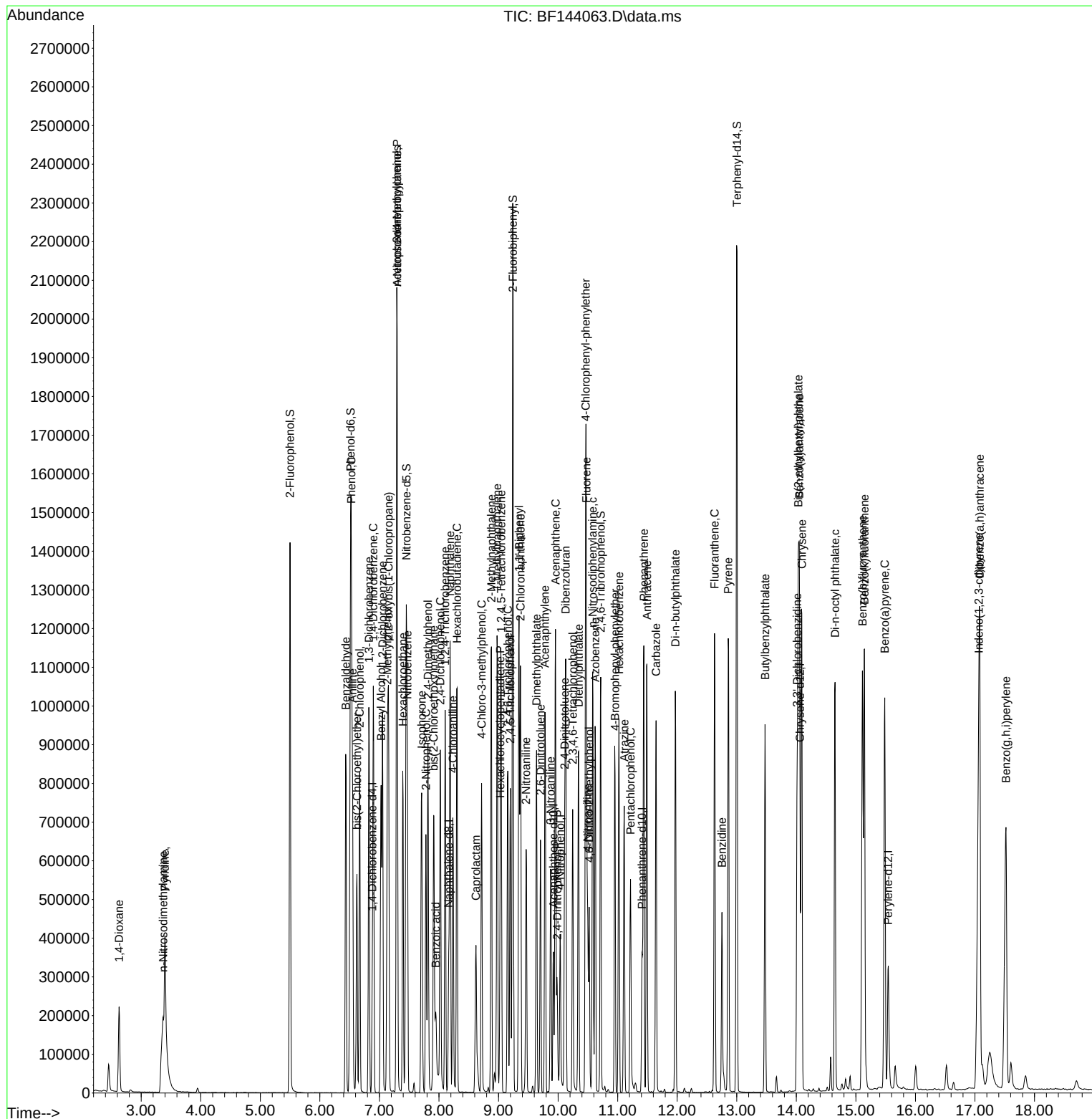
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	189248	71.565	ng	96
46) 1,1'-Biphenyl	9.345	154	530392	65.690	ng	99
47) 2-Chloronaphthalene	9.369	162	446307	65.979	ng	99
48) 2-Nitroaniline	9.463	65	148164	73.762	ng	99
49) Acenaphthylene	9.780	152	603127	66.126	ng	100
50) Dimethylphthalate	9.639	163	517194	69.954	ng	99
51) 2,6-Dinitrotoluene	9.704	165	108081	73.947	ng	97
52) Acenaphthene	9.957	154	412422	67.707	ng	98
53) 3-Nitroaniline	9.875	138	112811	69.421	ng	88
54) 2,4-Dinitrophenol	9.986	184	62962	79.646	ng	94
55) Dibenzofuran	10.127	168	560264	66.253	ng	99
56) 4-Nitrophenol	10.033	139	83091	75.509	ng	99
57) 2,4-Dinitrotoluene	10.110	165	145667	73.844	ng	97
58) Fluorene	10.474	166	426390	66.175	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	133917	71.865	ng	# 97
60) Diethylphthalate	10.345	149	488605	70.274	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	238684	65.871	ng	98
62) 4-Nitroaniline	10.492	138	113935	73.997	ng	98
63) Azobenzene	10.622	77	460222	69.934	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	88545	72.027	ng	92
66) n-Nitrosodiphenylamine	10.580	169	415732	67.908	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	164677	68.643	ng	100
68) Hexachlorobenzene	11.022	284	205267	69.766	ng	97
69) Atrazine	11.110	200	129646	64.536	ng	98
70) Pentachlorophenol	11.216	266	110717	79.055	ng	97
71) Phenanthrene	11.439	178	654557	68.769	ng	99
72) Anthracene	11.492	178	656473	66.765	ng	99
73) Carbazole	11.645	167	565232	67.538	ng	97
74) Di-n-butylphthalate	11.969	149	723962	70.556	ng	99
75) Fluoranthene	12.627	202	731393	69.552	ng	99
77) Benzidine	12.751	184	282392	59.887	ng	99
78) Pyrene	12.857	202	749362	68.794	ng	99
80) Butylbenzylphthalate	13.474	149	303486	73.645	ng	97
81) Benzo(a)anthracene	14.051	228	743007	72.564	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	258546	72.536	ng	100
83) Chrysene	14.092	228	708889	73.777	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	406325	72.226	ng	99
85) Di-n-octyl phthalate	14.651	149	714909	73.894	ng	96
87) Indeno(1,2,3-cd)pyrene	17.062	276	1010103	73.561	ng	98
88) Benzo(b)fluoranthene	15.109	252	840121	74.302	ng	99
89) Benzo(k)fluoranthene	15.145	252	708890	67.953	ng	99
90) Benzo(a)pyrene	15.486	252	727345	71.704	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	797474	73.369	ng	99
92) Benzo(g,h,i)perylene	17.521	276	811620	74.269	ng	98

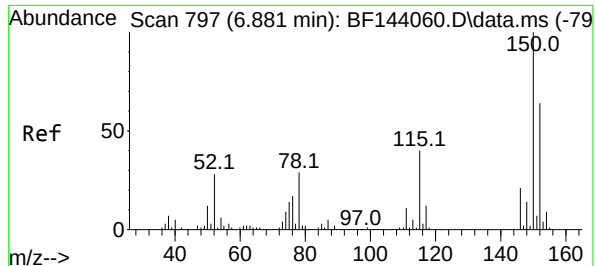
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144063.D
Acq On : 24 Oct 2025 14:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Oct 24 17:05:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

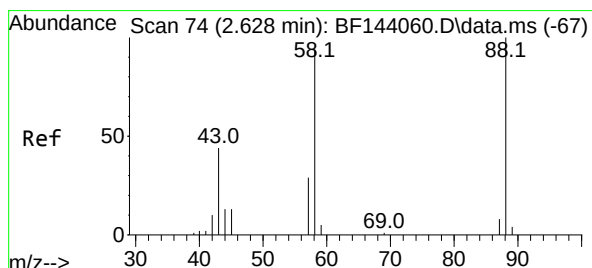
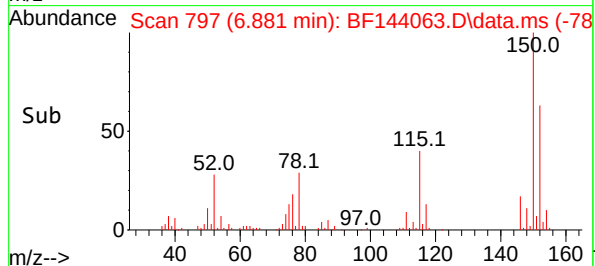
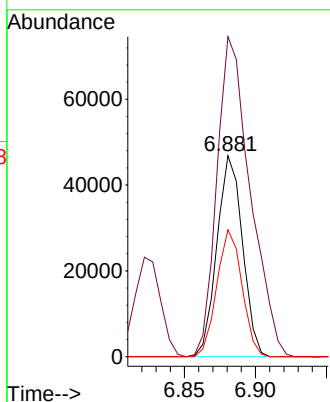
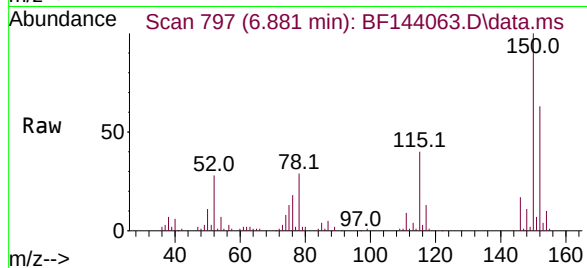




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

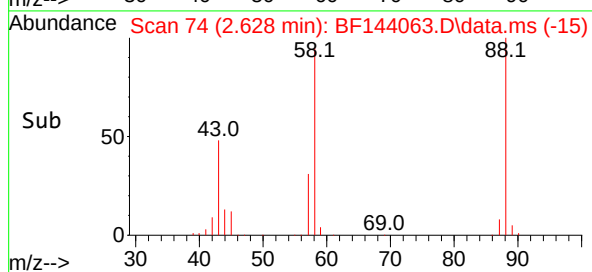
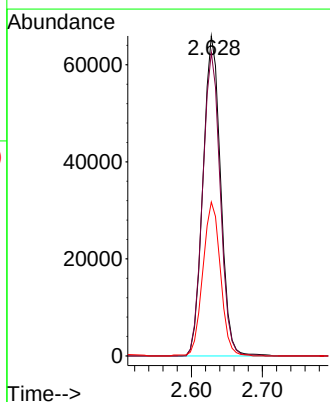
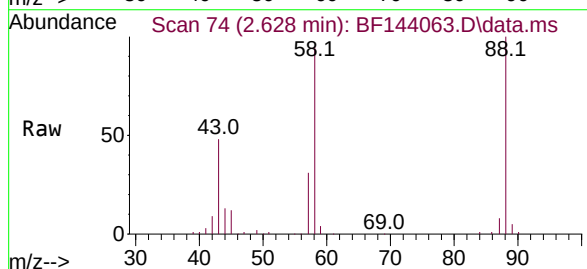
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

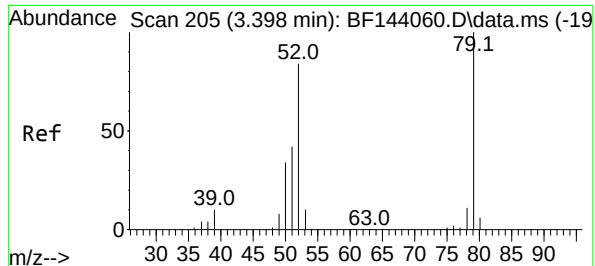
Tgt Ion:152 Resp: 58739
Ion Ratio Lower Upper
152 100
150 159.3 124.4 186.6
115 63.2 49.4 74.0



#2
1,4-Dioxane
Concen: 70.445 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 88 Resp: 113019
Ion Ratio Lower Upper
88 100
58 94.6 76.5 114.7
43 48.3 35.3 52.9





#3

Pyridine

Concen: 74.957 ng

RT: 3.398 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

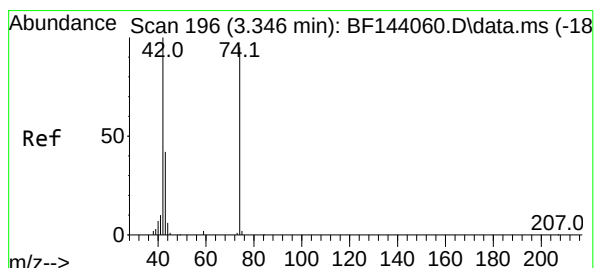
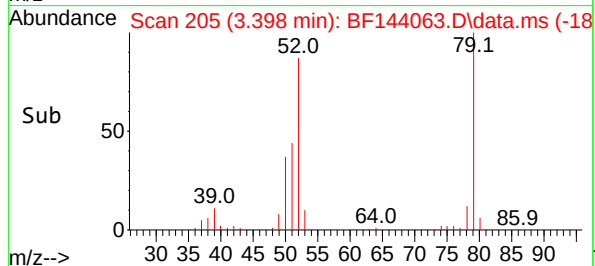
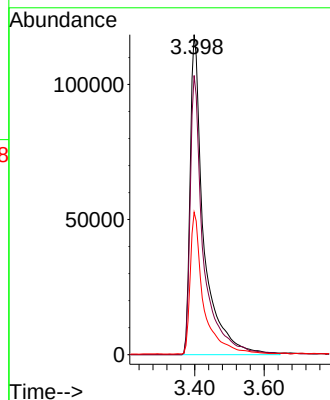
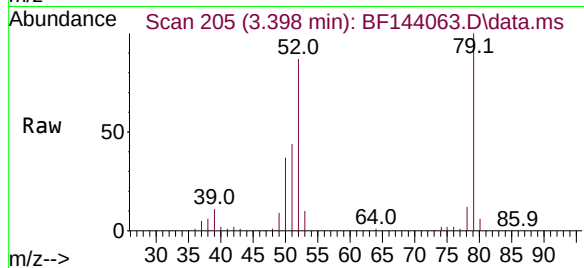
Tgt Ion: 79 Resp: 321948

Ion Ratio Lower Upper

79 100

52 87.3 67.5 101.3

51 44.5 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 76.521 ng

RT: 3.369 min Scan# 200

Delta R.T. 0.024 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

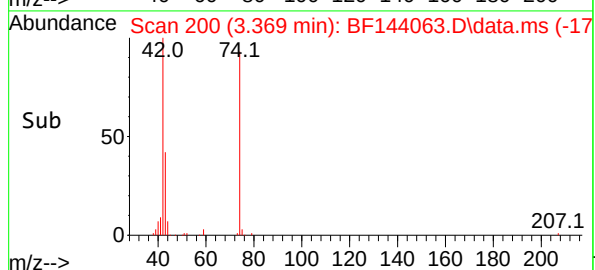
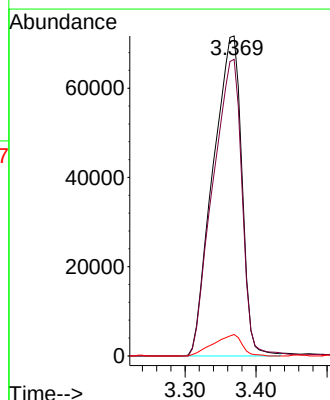
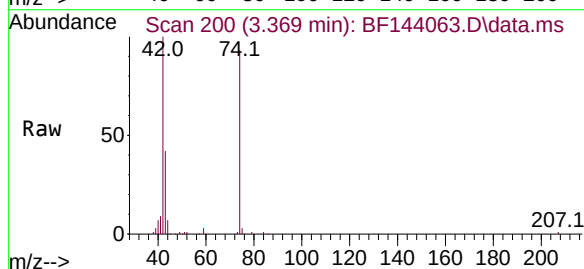
Tgt Ion: 42 Resp: 201953

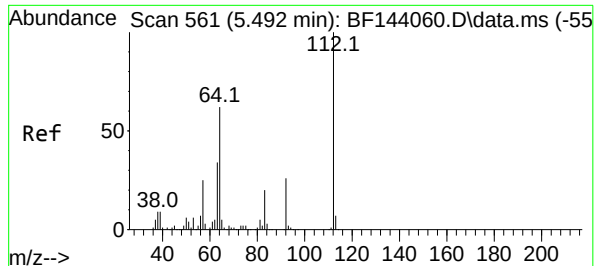
Ion Ratio Lower Upper

42 100

74 92.7 76.4 114.6

44 6.7 5.2 7.8

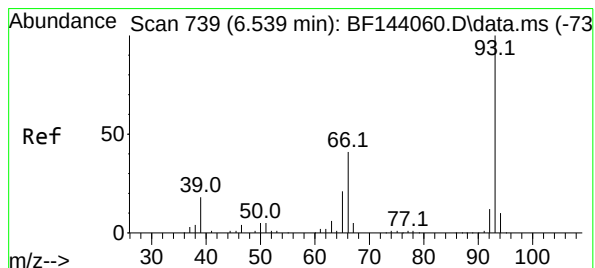
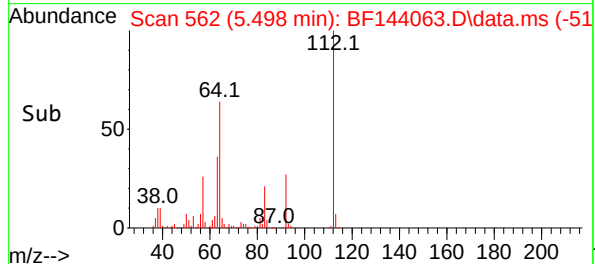
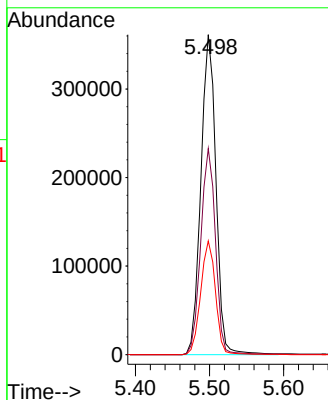
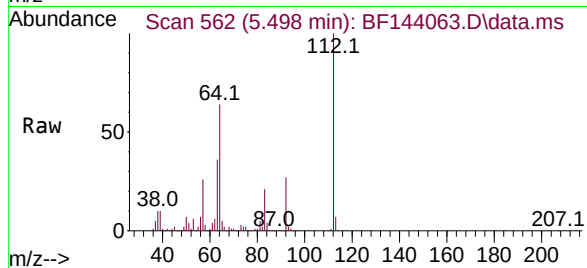




#5
2-Fluorophenol
Concen: 137.523 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

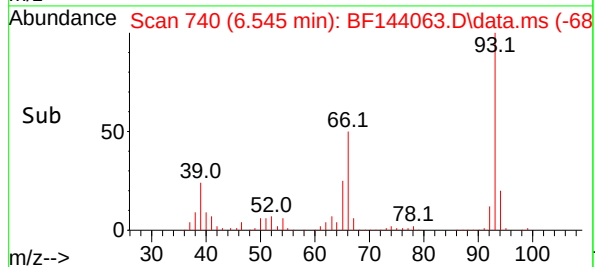
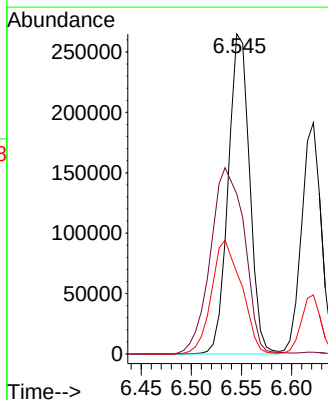
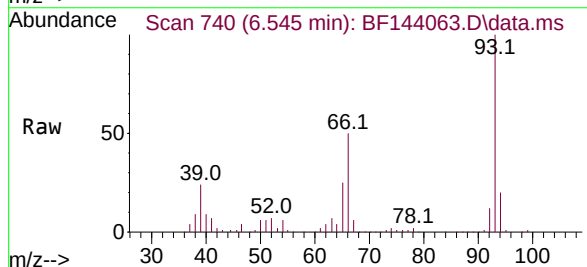
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

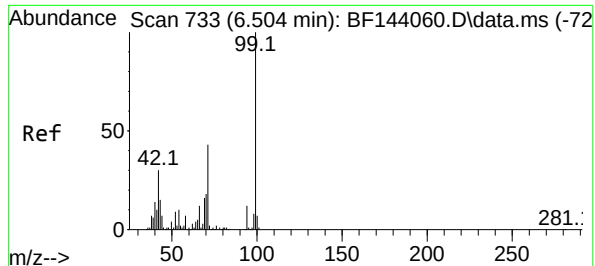
Tgt Ion:112 Resp: 510582
Ion Ratio Lower Upper
112 100
64 64.4 49.8 74.8
63 35.5 27.4 41.2



#6
Aniline
Concen: 67.082 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 93 Resp: 393504
Ion Ratio Lower Upper
93 100
66 50.0 35.7 53.5
65 25.4 17.0 25.6

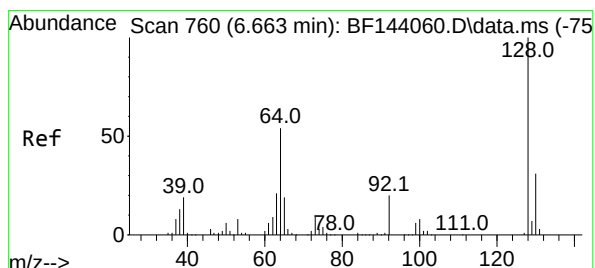
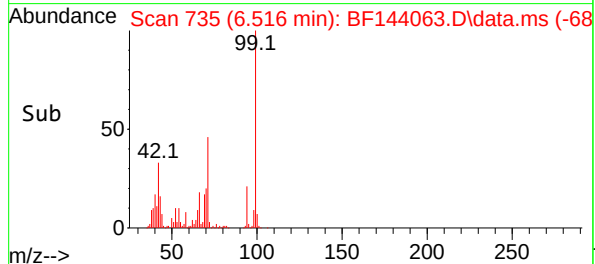
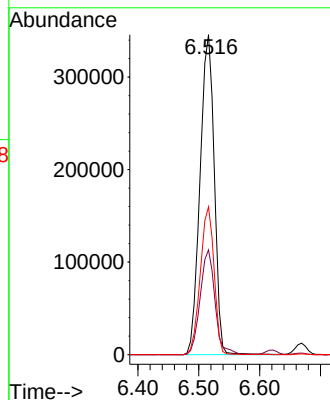
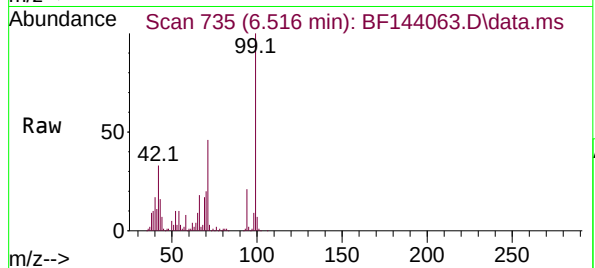




#7
Phenol-d6
Concen: 136.693 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

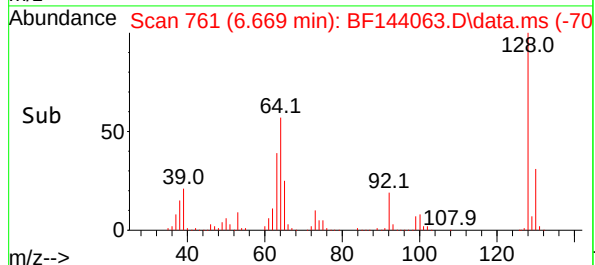
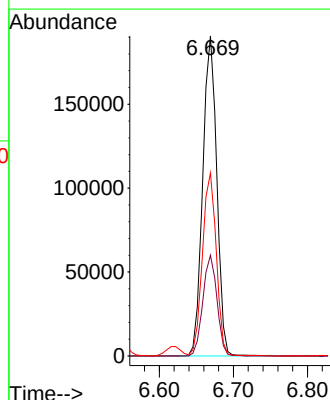
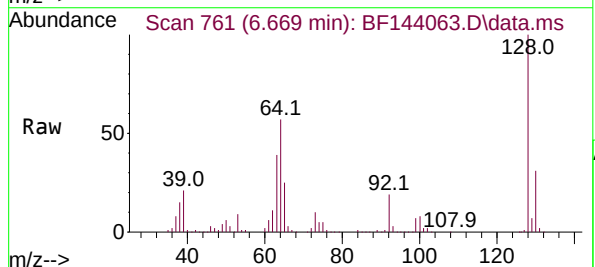
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

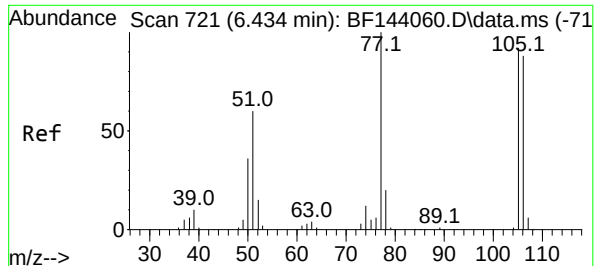
Tgt Ion: 99 Resp: 560479
Ion Ratio Lower Upper
99 100
42 32.7 23.9 35.9
71 46.2 34.4 51.6



#8
2-Chlorophenol
Concen: 68.549 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 128 Resp: 250635
Ion Ratio Lower Upper
128 100
130 31.5 10.7 50.7
64 57.2 34.7 74.7





#9

Benzaldehyde

Concen: 76.656 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

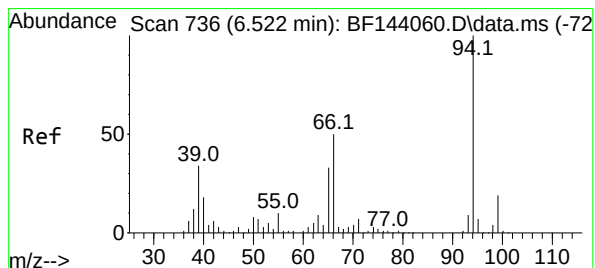
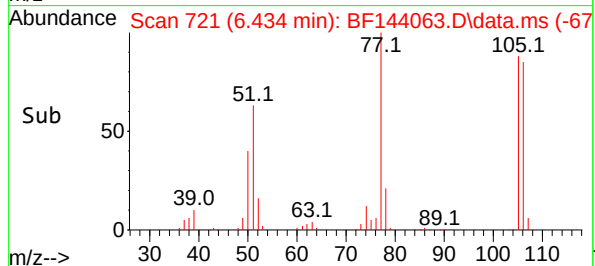
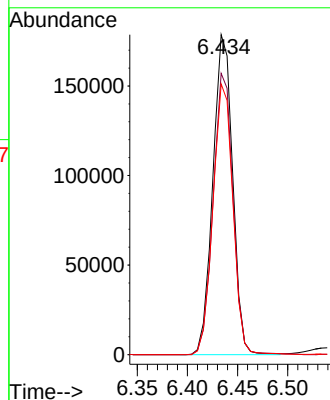
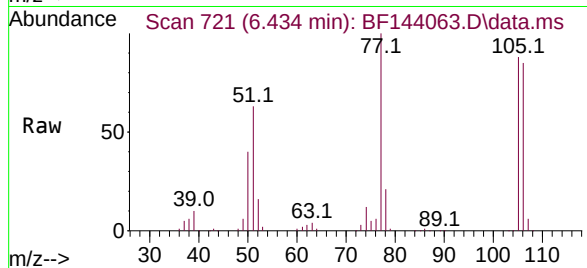
Tgt Ion: 77 Resp: 244035

Ion Ratio Lower Upper

77 100

105 87.9 72.2 112.2

106 84.6 67.9 107.9



#10

Phenol

Concen: 67.118 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

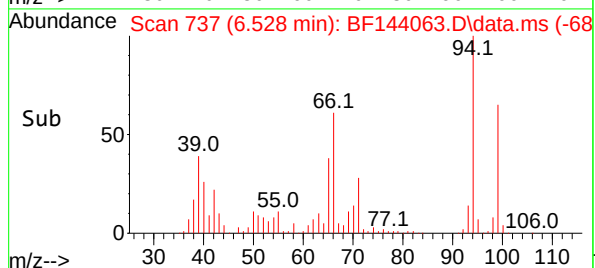
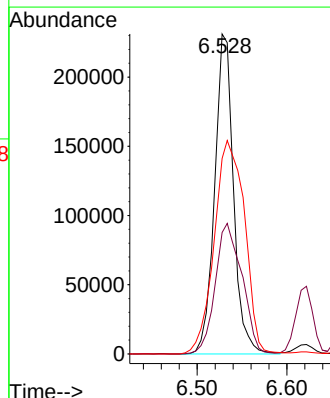
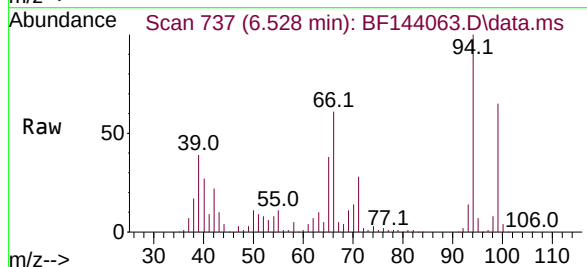
Tgt Ion: 94 Resp: 339521

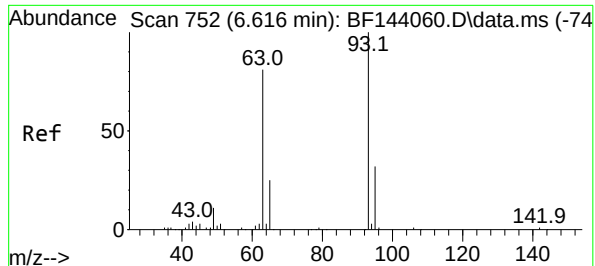
Ion Ratio Lower Upper

94 100

65 37.9 13.1 53.1

66 61.1 30.6 70.6

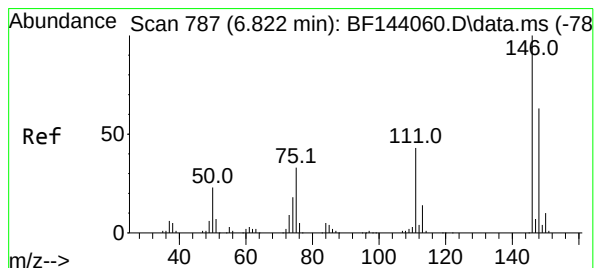
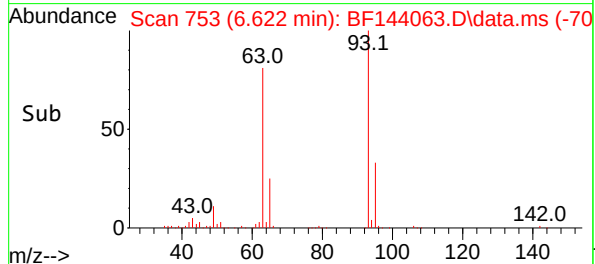
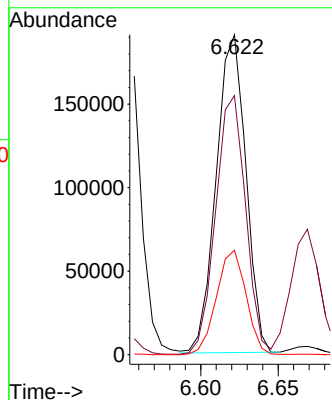
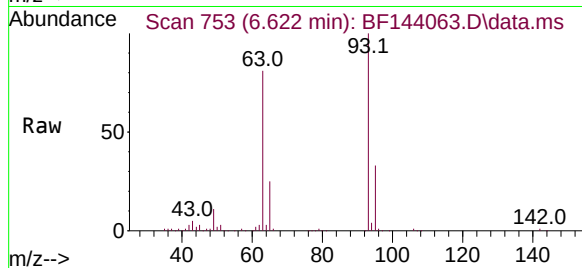




#11
bis(2-Chloroethyl)ether
Concen: 69.532 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

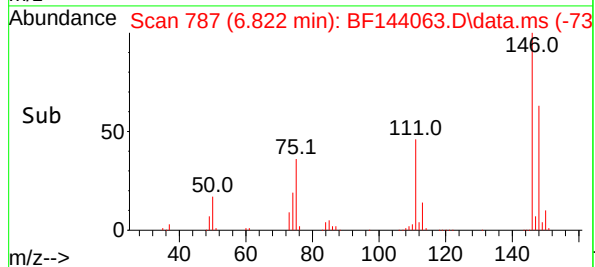
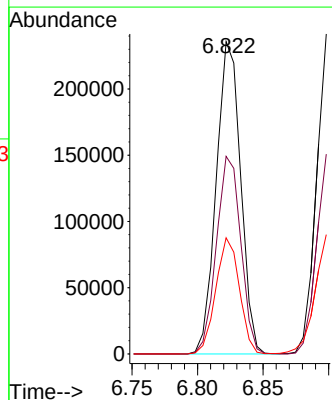
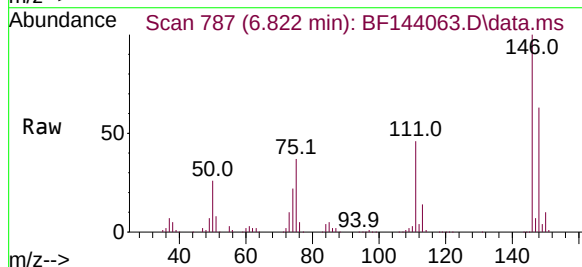
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

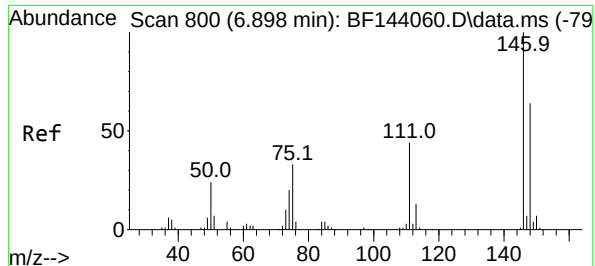
Tgt Ion: 93 Resp: 254160
Ion Ratio Lower Upper
93 100
63 80.9 60.2 100.2
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 67.741 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 146 Resp: 305526
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 37.2 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 68.434 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

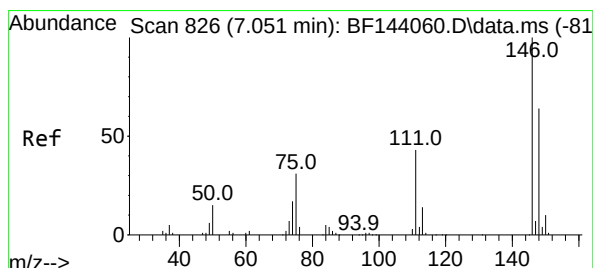
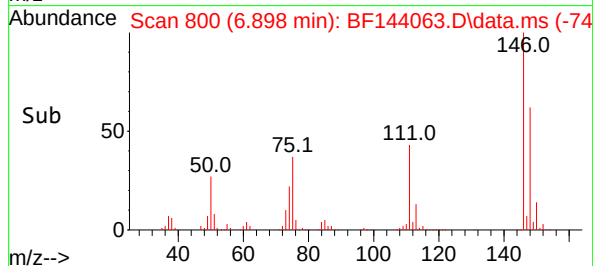
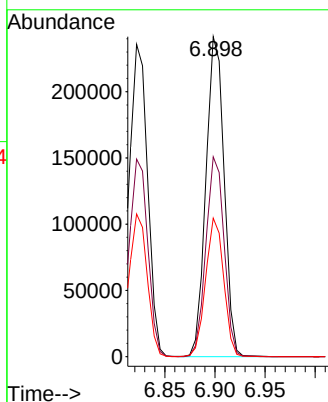
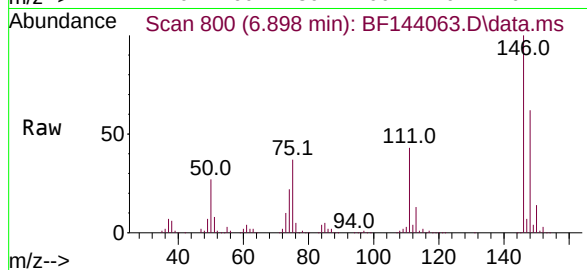
Tgt Ion:146 Resp: 304178

Ion Ratio Lower Upper

146 100

148 62.4 51.0 76.6

111 43.3 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 66.915 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

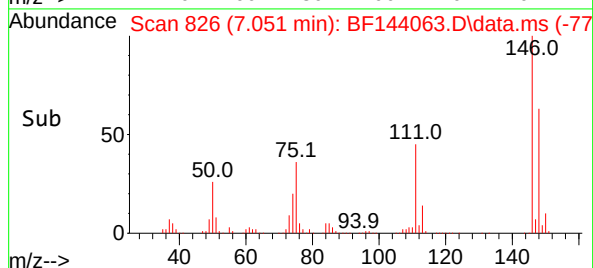
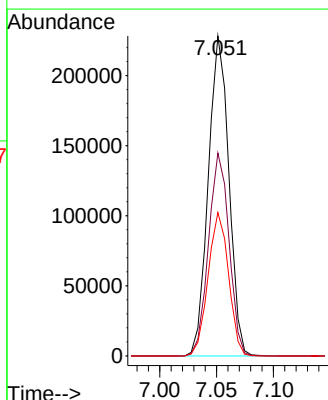
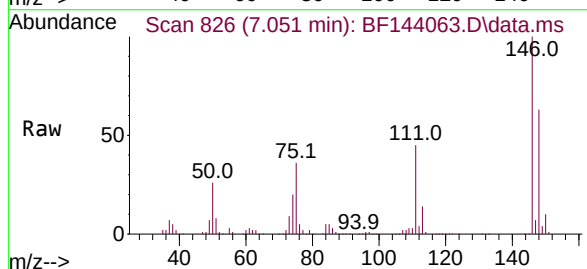
Tgt Ion:146 Resp: 287786

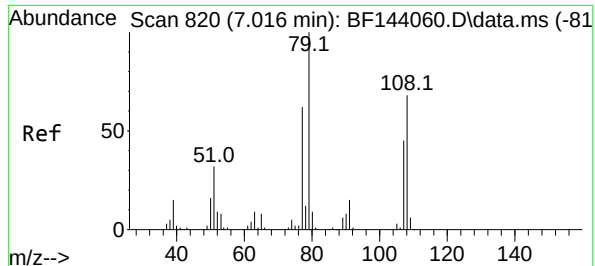
Ion Ratio Lower Upper

146 100

148 63.4 50.8 76.2

111 44.8 34.7 52.1

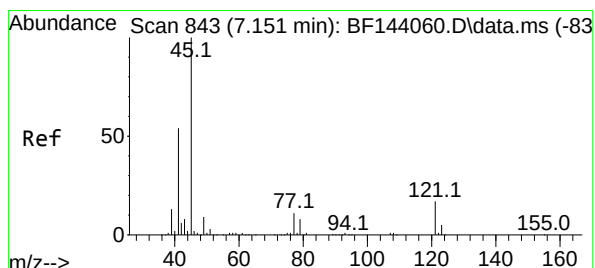
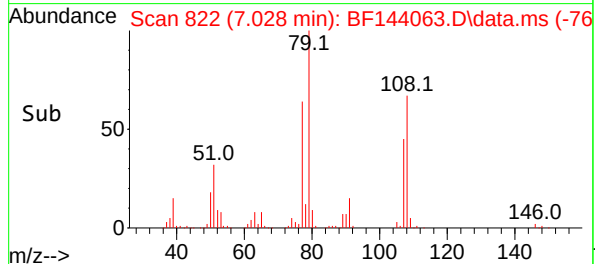
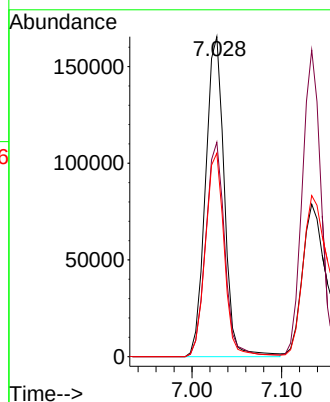
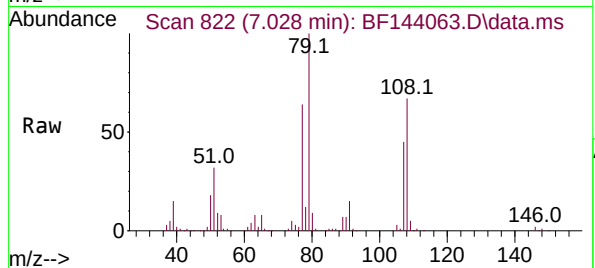




#15
Benzyl Alcohol
Concen: 72.263 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

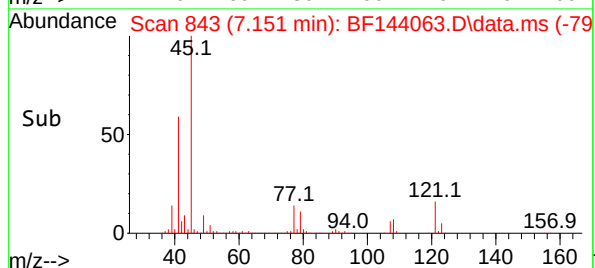
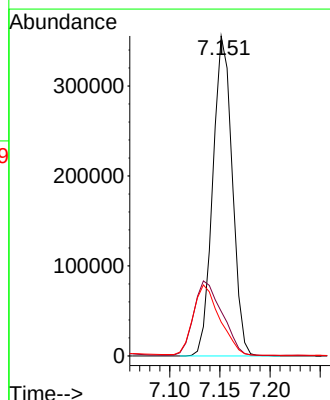
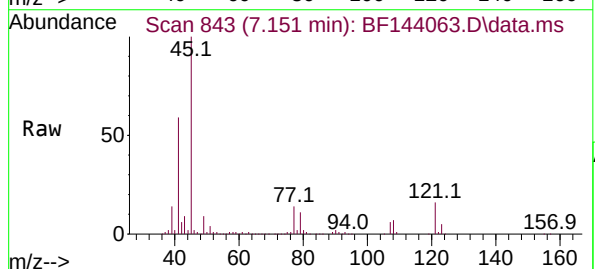
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

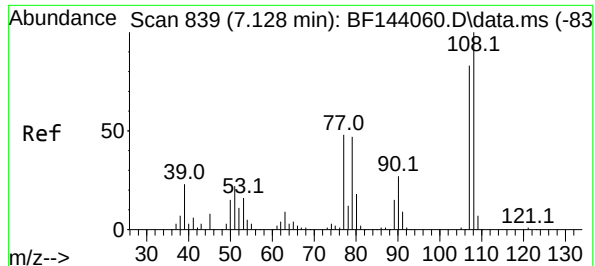
Tgt Ion: 79 Resp: 240927
Ion Ratio Lower Upper
79 100
108 67.0 54.8 82.2
77 63.6 49.4 74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 69.697 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 45 Resp: 478809
Ion Ratio Lower Upper
45 100
77 13.9 0.0 30.9
79 10.6 0.0 28.2

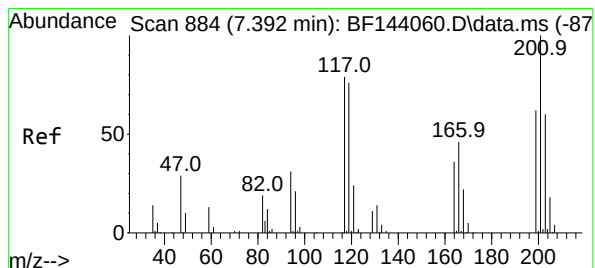
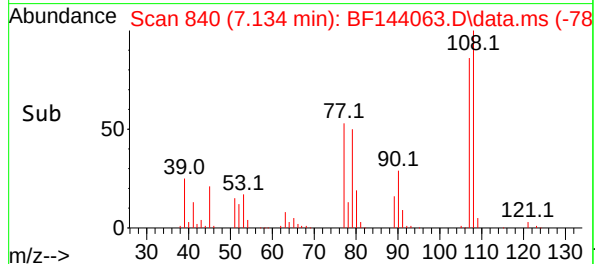
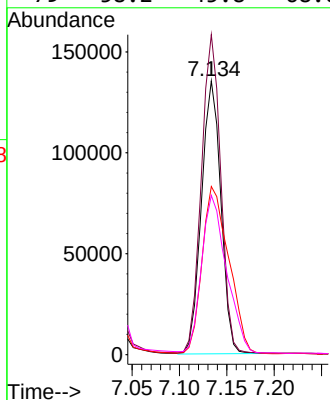
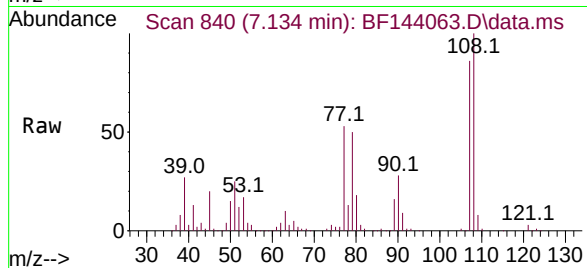




#17
2-Methylphenol
Concen: 68.795 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

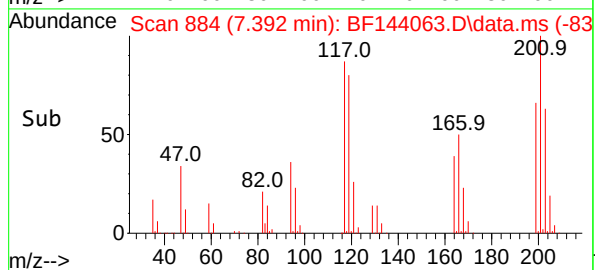
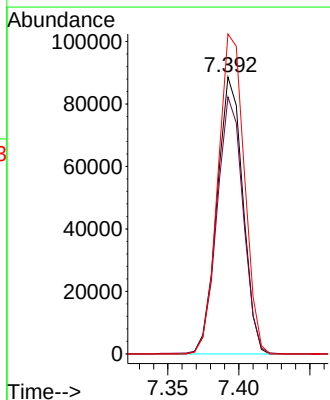
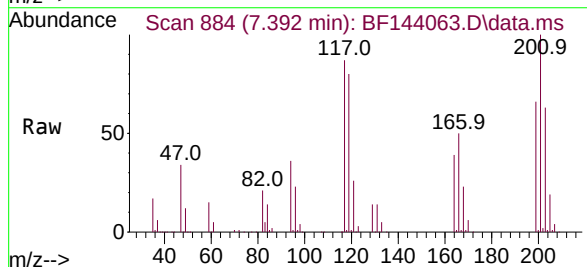
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

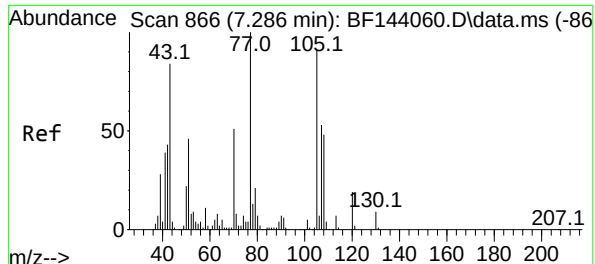
Tgt Ion:	107	Resp:	193458
Ion	Ratio	Lower	Upper
107	100		
108	116.9	96.4	144.6
77	61.4	46.8	70.2
79	58.2	45.8	68.6



#18
Hexachloroethane
Concen: 70.510 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:	117	Resp:	112050
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.6	115.0
201	115.5	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 71.721 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.012 min

Lab File: BF144063.D

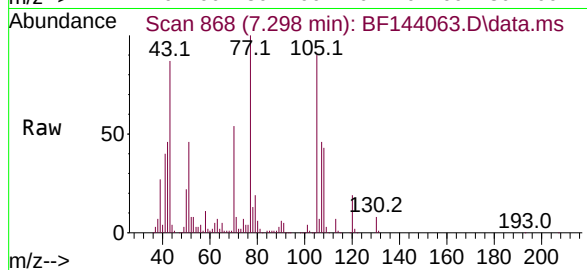
Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 190167

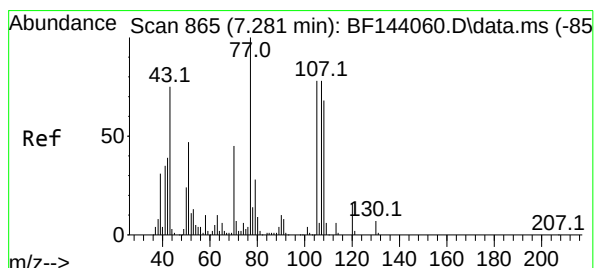
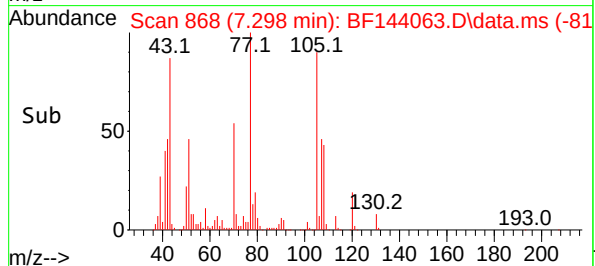
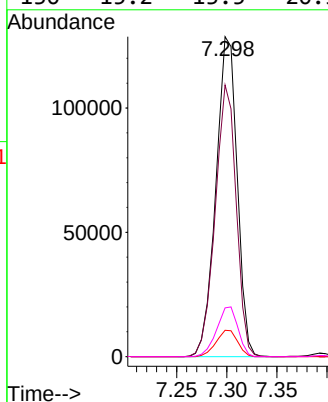
Ion Ratio Lower Upper

70 100

42 84.9 67.4 101.0

101 8.2 7.1 10.7

130 15.2 13.5 20.3



#20

3+4-Methylphenols

Concen: 68.500 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.012 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion: 107 Resp: 227718

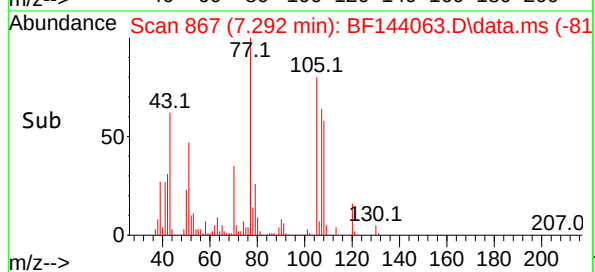
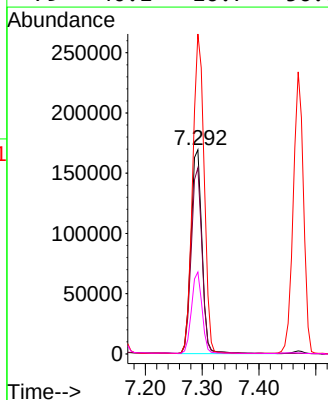
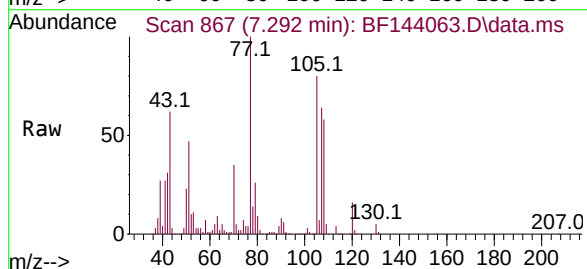
Ion Ratio Lower Upper

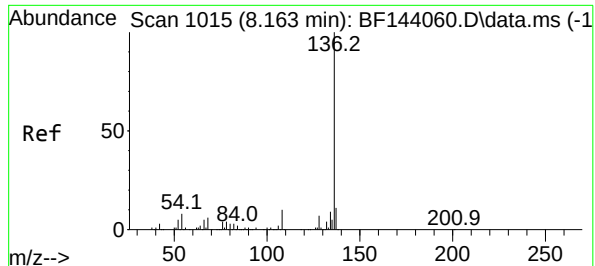
107 100

108 91.1 68.0 108.0

77 156.8 108.7 148.7#

79 40.1 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144063.D

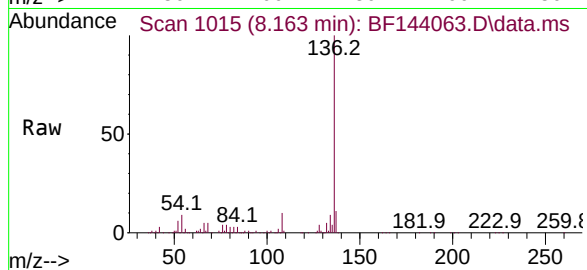
Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

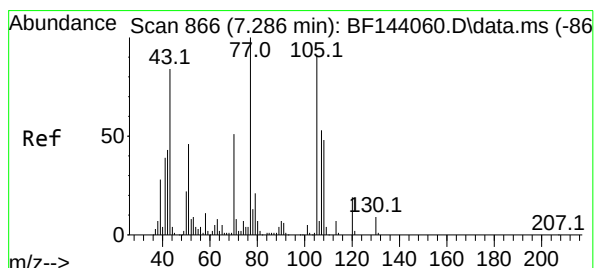
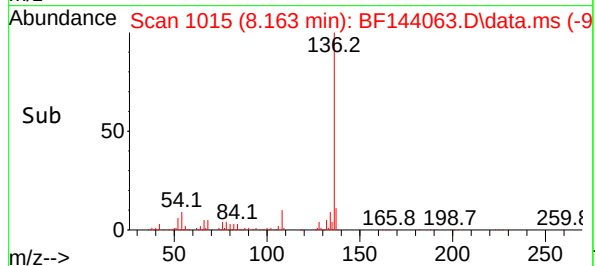
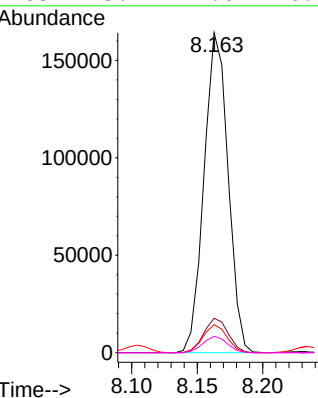
ClientSampleId :

SSTDICC080



Tgt Ion:136 Resp: 209353

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.7	6.6	9.8
68	5.1	4.6	6.8



#22

Acetophenone

Concen: 68.672 ng

RT: 7.298 min Scan# 868

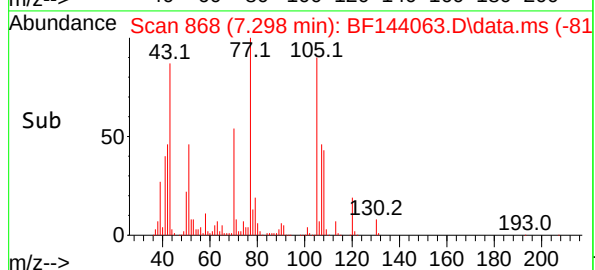
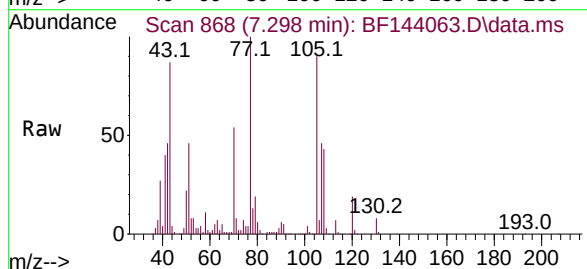
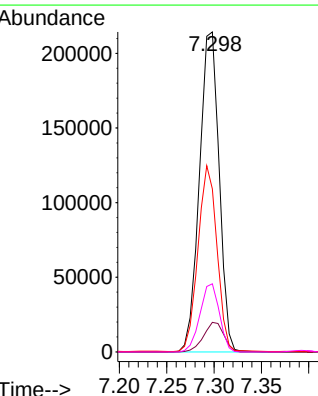
Delta R.T. 0.012 min

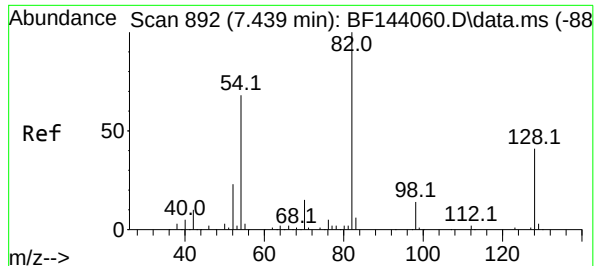
Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:105 Resp: 310700

Ion	Ratio	Lower	Upper
105	100		
71	9.2	6.9	10.3
51	50.9	40.6	60.8
120	21.3	16.8	25.2

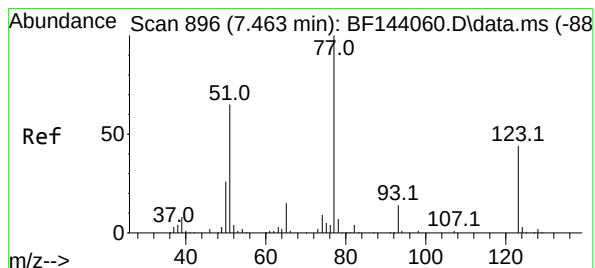
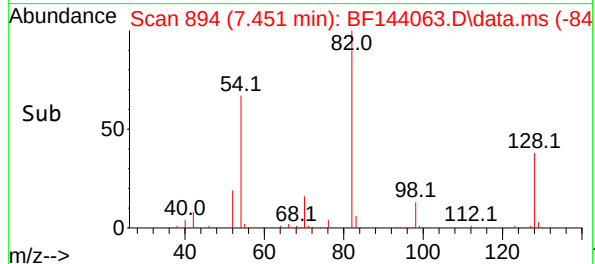
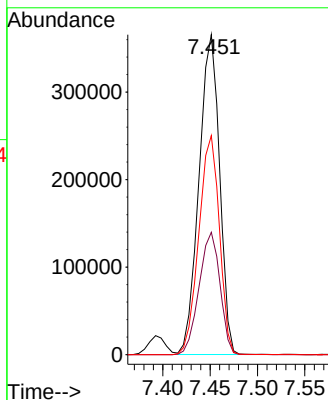
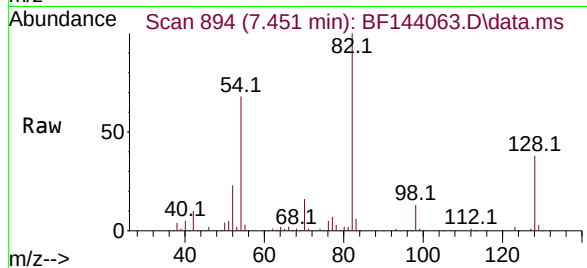




#23
Nitrobenzene-d5
Concen: 144.501 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

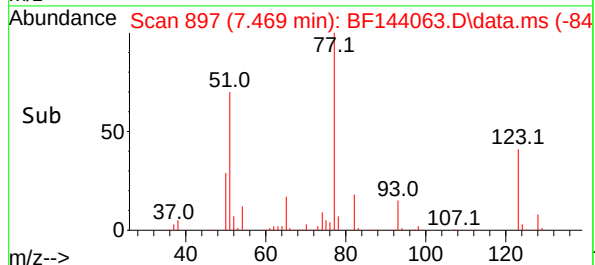
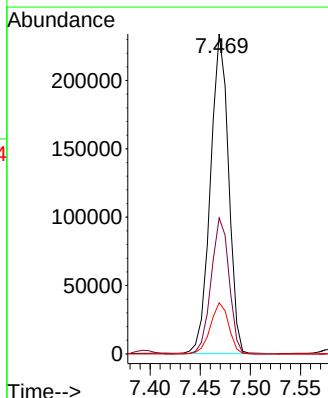
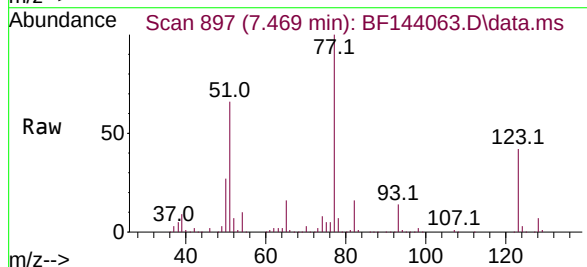
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

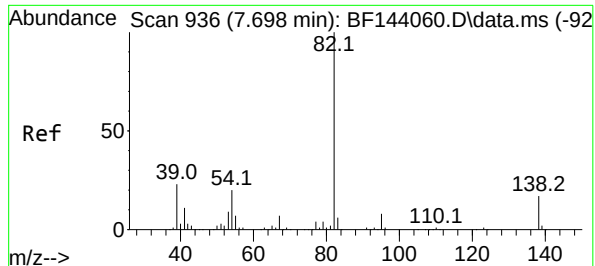
Tgt Ion: 82 Resp: 552167
Ion Ratio Lower Upper
82 100
128 38.2 32.4 48.6
54 68.4 54.0 81.0



#24
Nitrobenzene
Concen: 72.786 ng
RT: 7.469 min Scan# 897
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 77 Resp: 294221
Ion Ratio Lower Upper
77 100
123 42.5 35.0 52.6
65 16.0 12.2 18.2

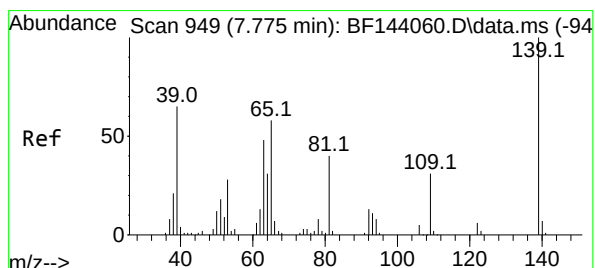
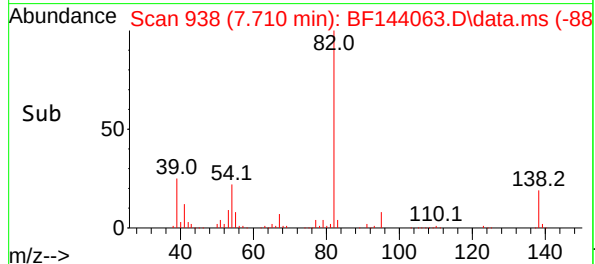
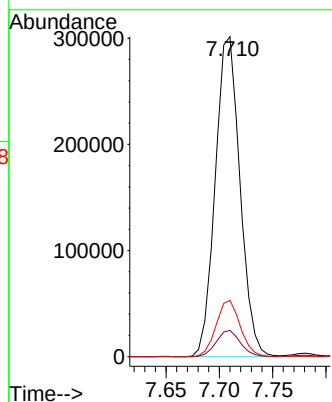
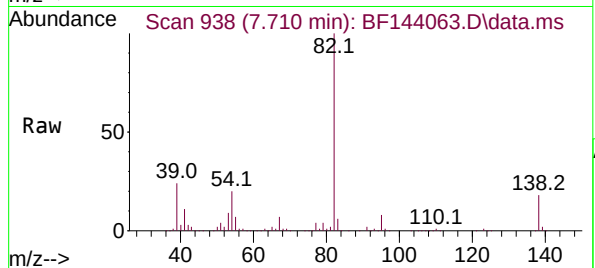




#25
Isophorone
Concen: 73.000 ng
RT: 7.710 min Scan# 936
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

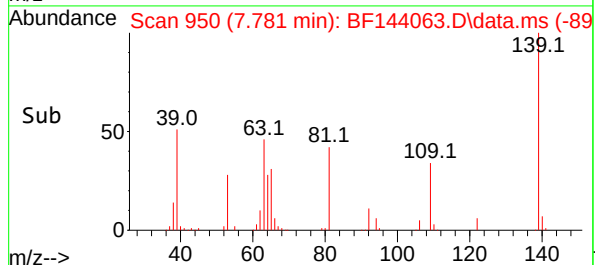
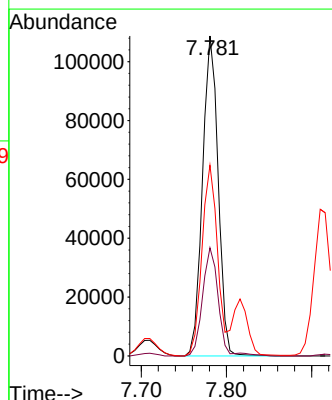
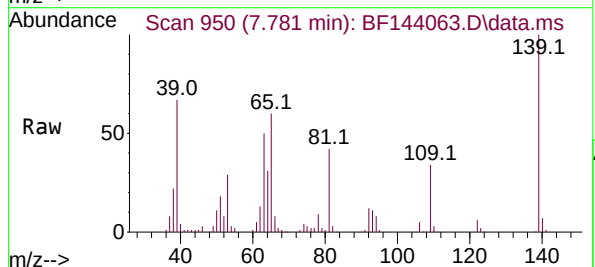
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

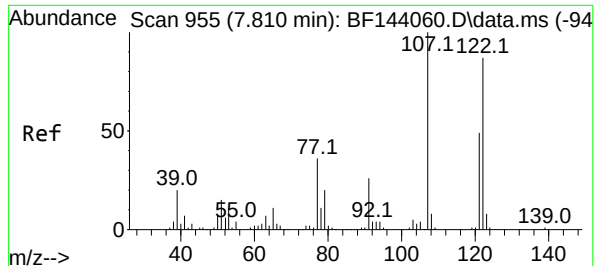
Tgt Ion: 82 Resp: 487685
Ion Ratio Lower Upper
82 100
95 8.2 6.6 9.8
138 17.6 13.8 20.8



#26
2-Nitrophenol
Concen: 71.925 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 139 Resp: 138311
Ion Ratio Lower Upper
139 100
109 33.8 24.6 37.0
65 59.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 72.515 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

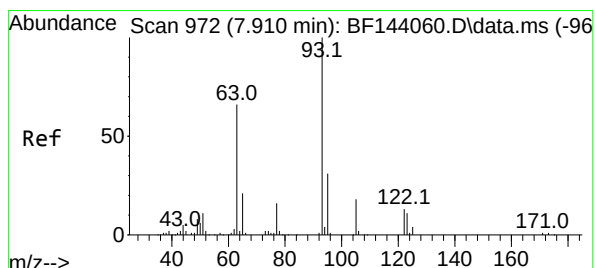
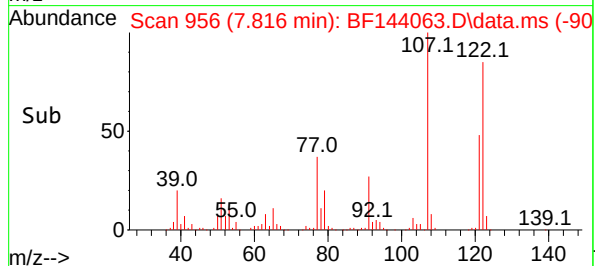
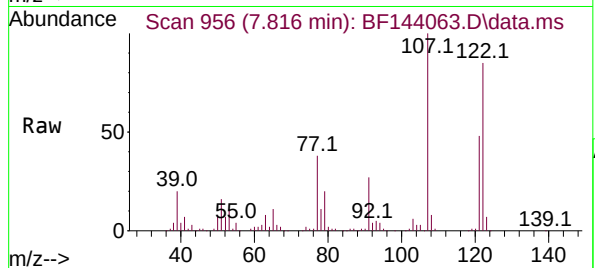
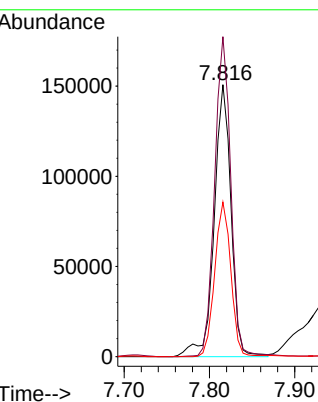
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:122 Resp: 207224

Ion	Ratio	Lower	Upper
122	100		
107	117.7	91.8	137.8
121	56.8	45.2	67.8



#28

bis(2-Chloroethoxy)methane

Concen: 70.566 ng

RT: 7.910 min Scan# 972

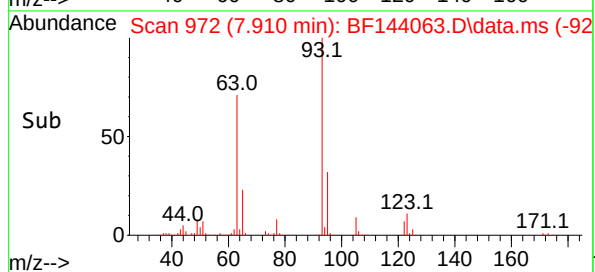
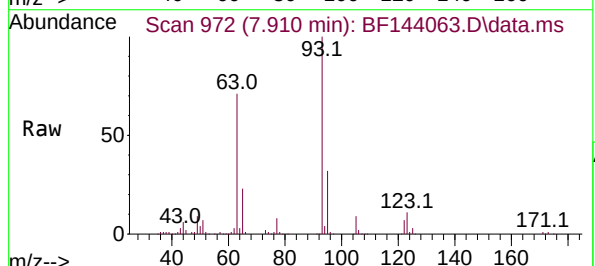
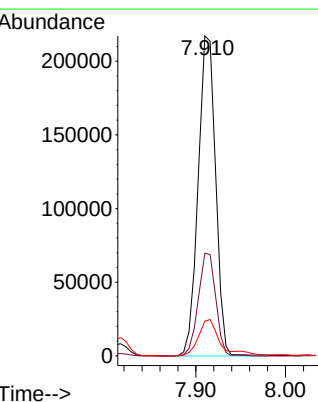
Delta R.T. -0.000 min

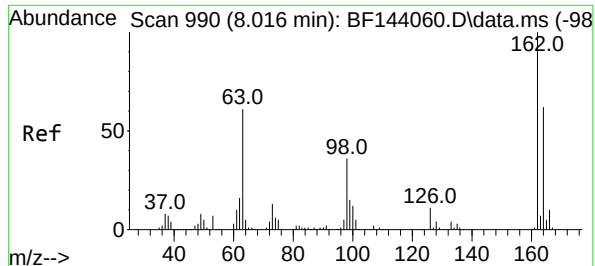
Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion: 93 Resp: 293996

Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.6	36.8
123	10.8	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 69.232 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

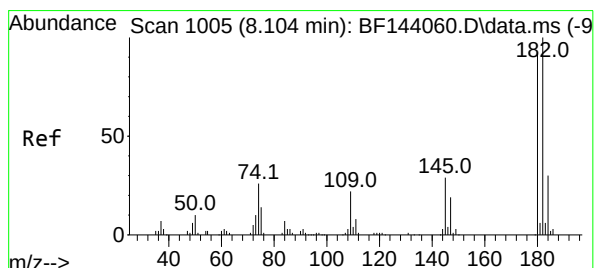
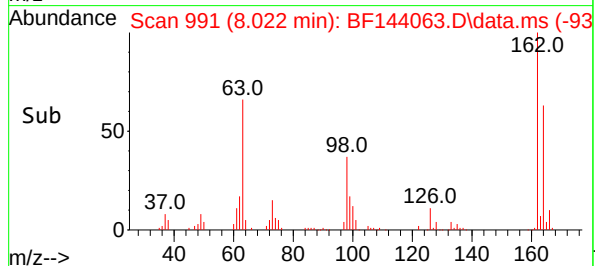
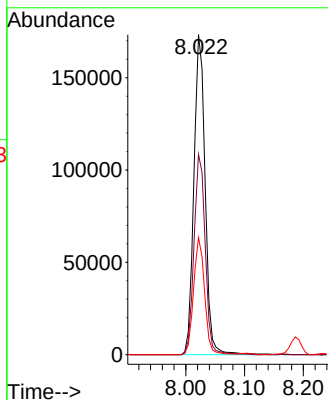
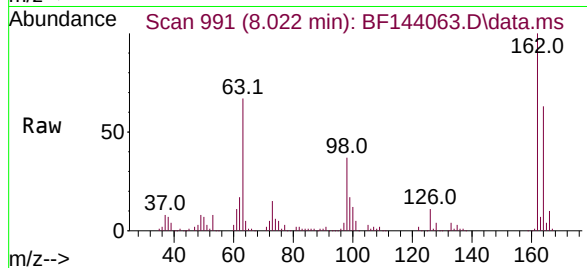
Tgt Ion:162 Resp: 230075

Ion Ratio Lower Upper

162 100

164 62.6 42.1 82.1

98 36.6 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 70.150 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

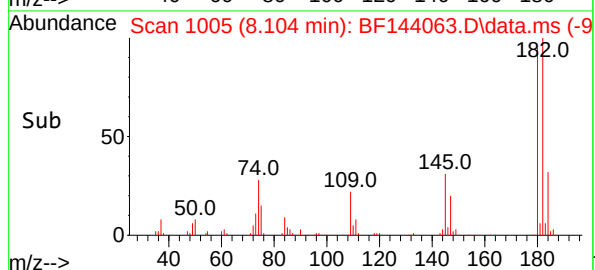
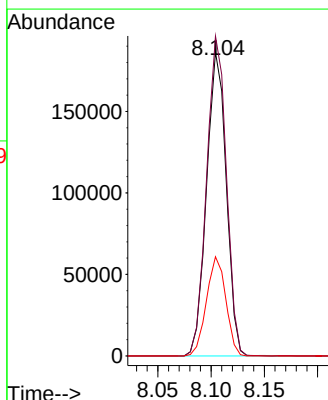
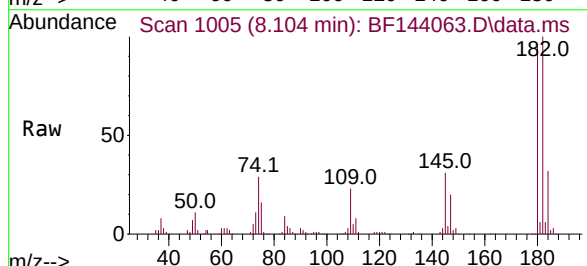
Tgt Ion:180 Resp: 239831

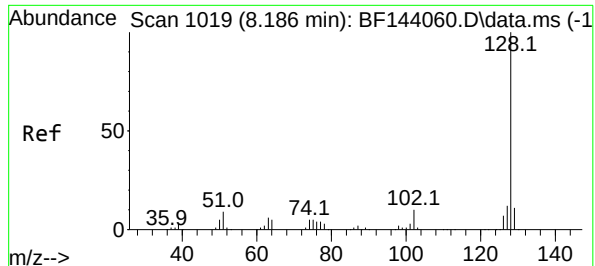
Ion Ratio Lower Upper

180 100

182 105.4 87.1 130.7

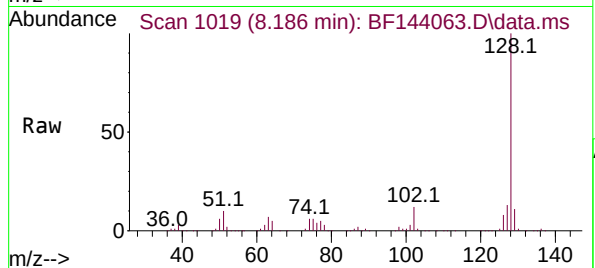
145 32.6 25.3 37.9



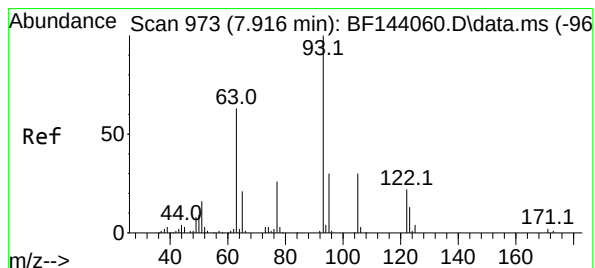
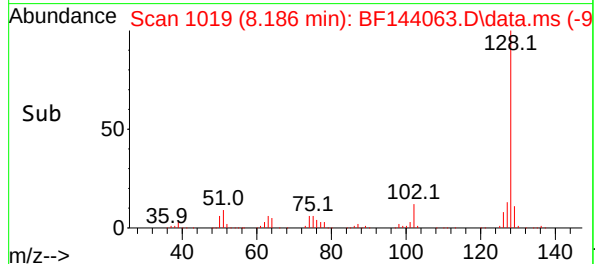
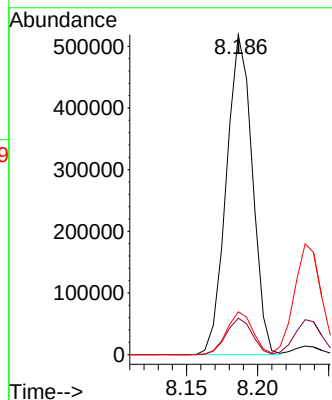


#31
Naphthalene
Concen: 66.812 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

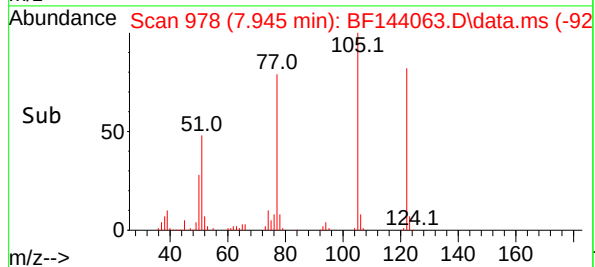
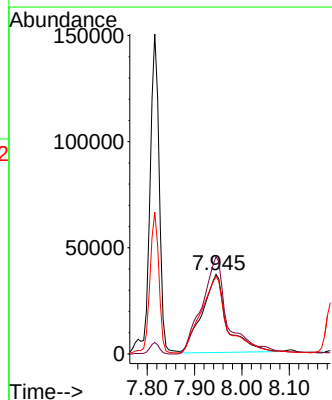
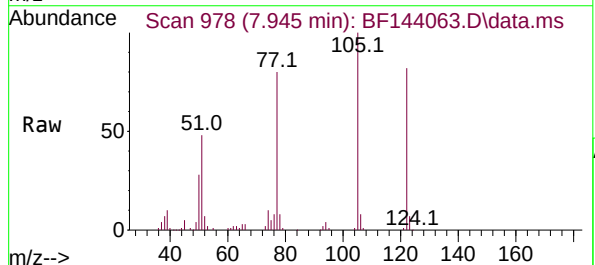


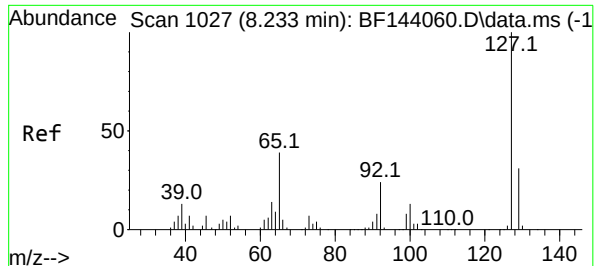
Tgt Ion:128 Resp: 660164
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.4 9.9 14.9



#32
Benzoic acid
Concen: 74.766 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.029 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:122 Resp: 135524
Ion Ratio Lower Upper
122 100
105 122.4 111.3 151.3
77 97.7 96.7 136.7

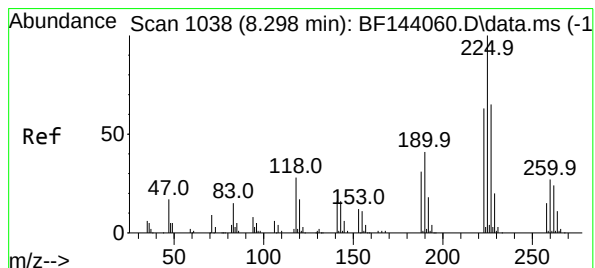
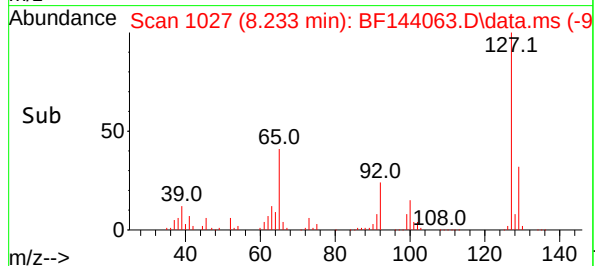
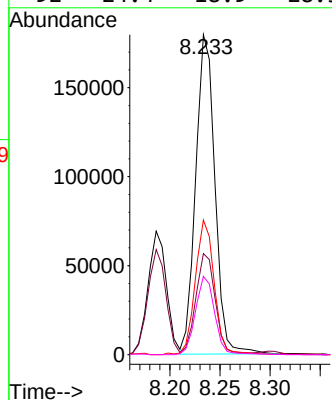
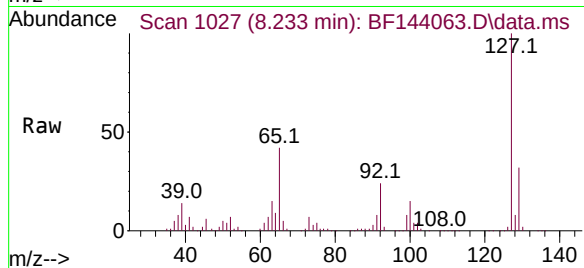




#33
4-Chloroaniline
Concen: 69.535 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

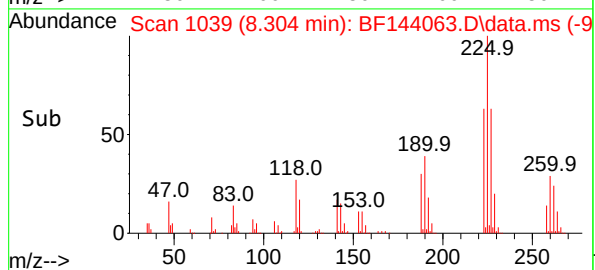
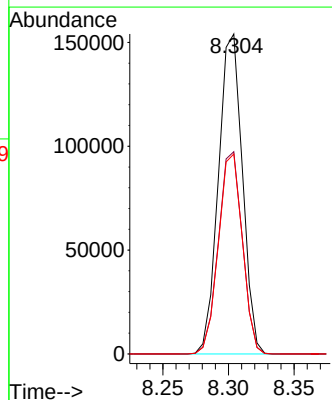
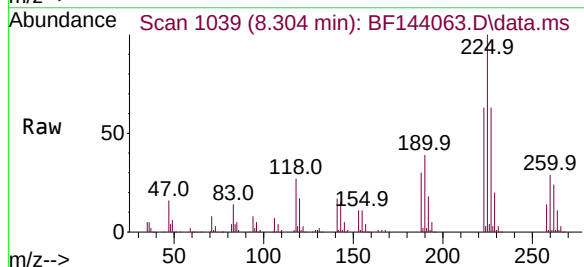
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

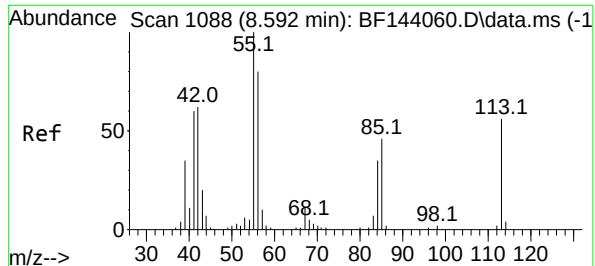
Tgt Ion:127	Resp: 239182
Ion Ratio	Lower Upper
127	100
129	31.6 25.6 38.4
65	42.1 30.9 46.3
92	24.4 18.9 28.3



#34
Hexachlorobutadiene
Concen: 70.141 ng
RT: 8.304 min Scan# 1039
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:225	Resp: 196083
Ion Ratio	Lower Upper
225	100
223	63.2 50.6 76.0
227	62.5 51.8 77.8

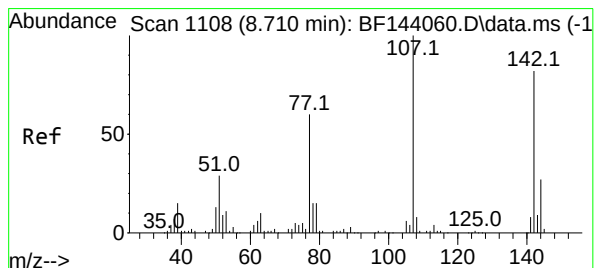
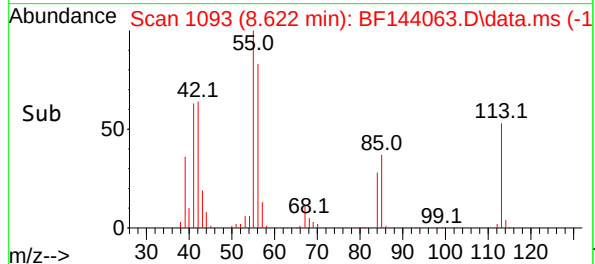
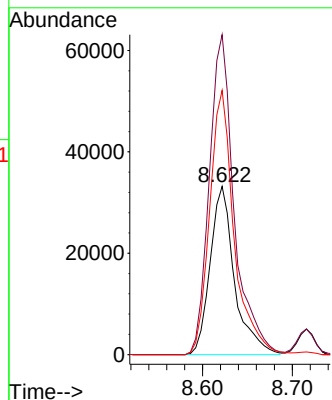
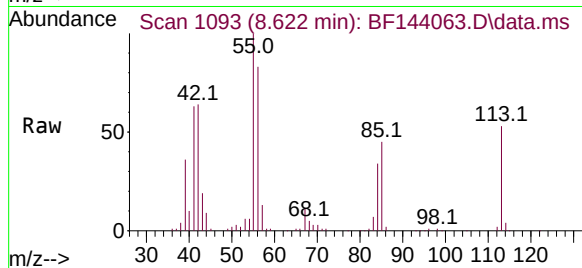




#35
Caprolactam
Concen: 75.462 ng
RT: 8.622 min Scan# 1088
Delta R.T. 0.029 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

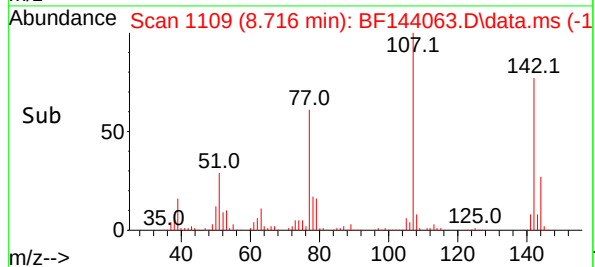
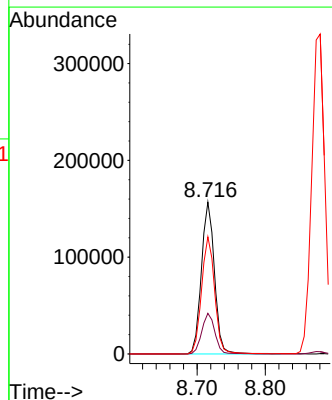
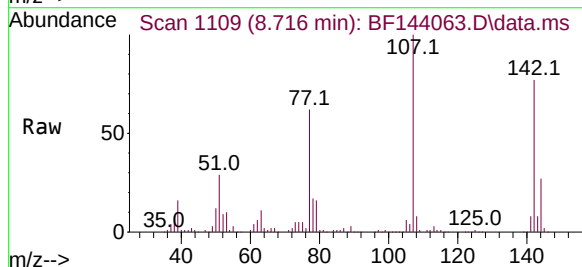
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

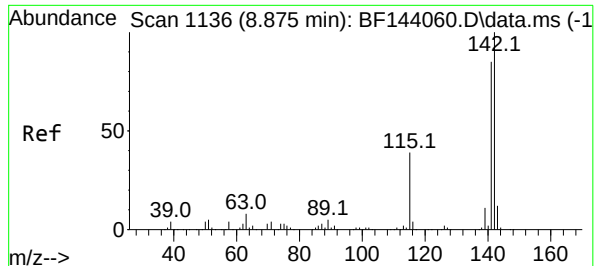
Tgt Ion:113 Resp: 62887
Ion Ratio Lower Upper
113 100
55 190.2 160.1 200.1
56 157.0 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 71.352 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:107 Resp: 209253
Ion Ratio Lower Upper
107 100
144 26.7 21.6 32.4
142 77.1 65.4 98.0





#37

2-Methylnaphthalene

Concen: 67.385 ng

RT: 8.880 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

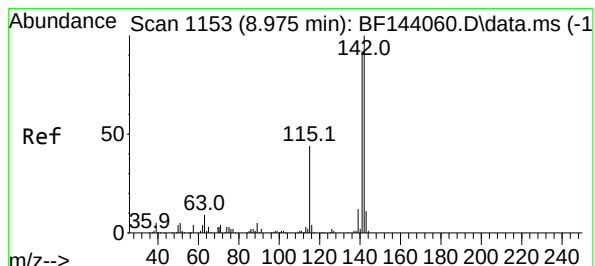
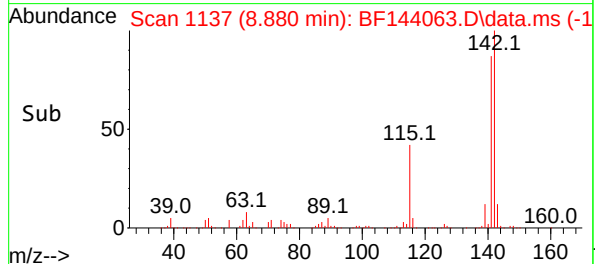
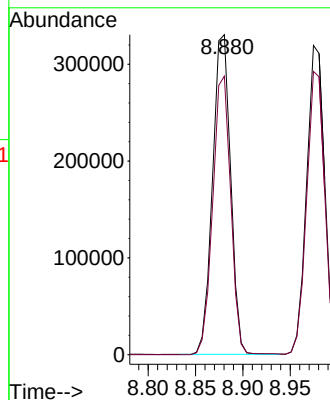
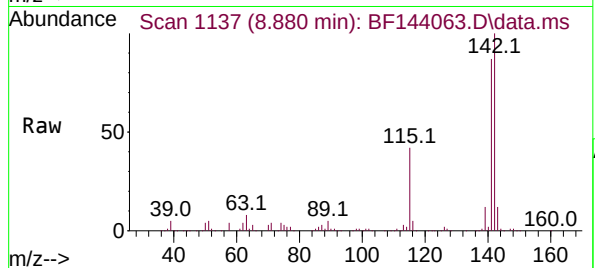
SSTDICC080

Tgt Ion:142 Resp: 438984

Ion Ratio Lower Upper

142 100

141 87.0 67.6 101.4



#38

1-Methylnaphthalene

Concen: 67.761 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144063.D

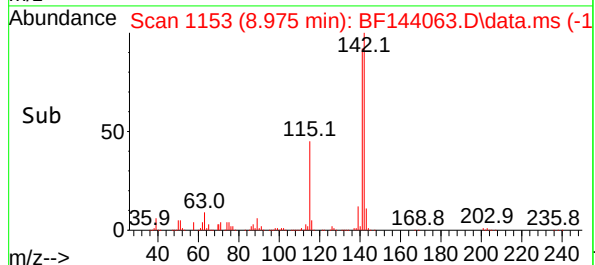
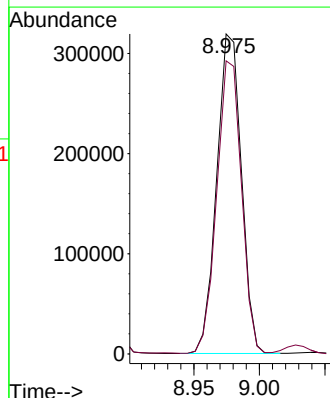
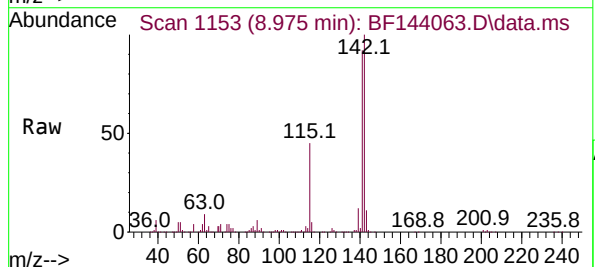
Acq: 24 Oct 2025 14:32

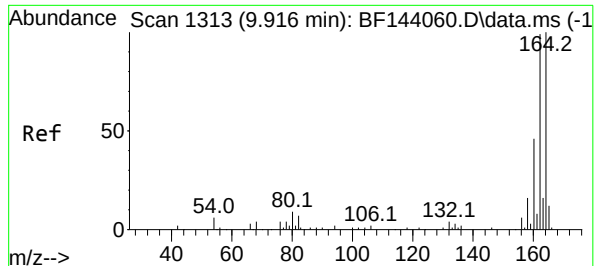
Tgt Ion:142 Resp: 418223

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

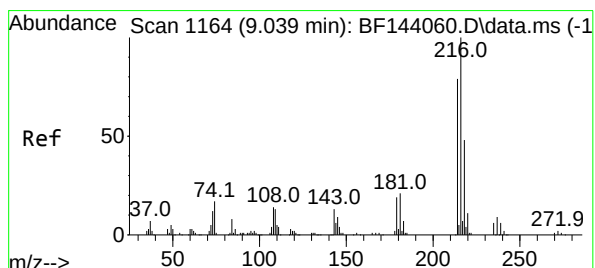
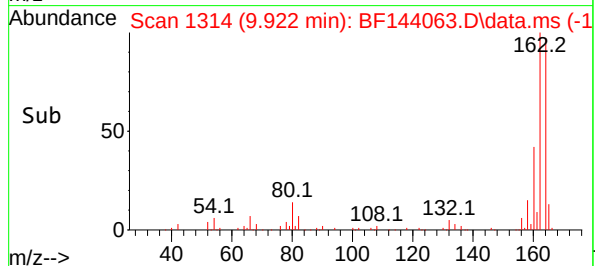
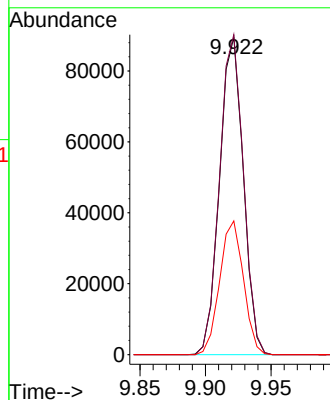
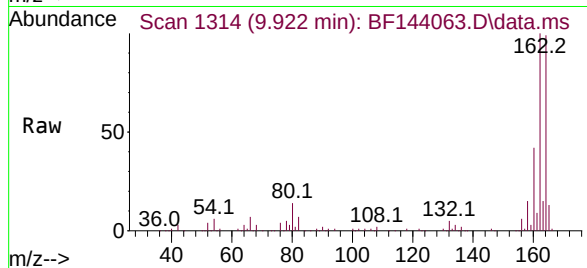
Tgt Ion:164 Resp: 112793

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

160 42.2 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 67.873 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:216 Resp: 263109

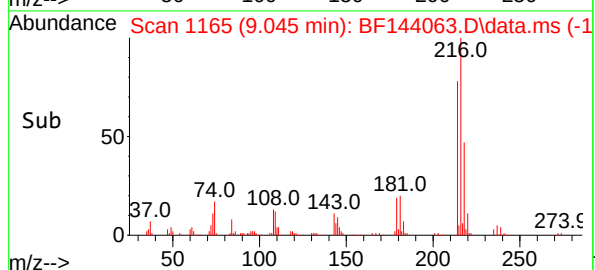
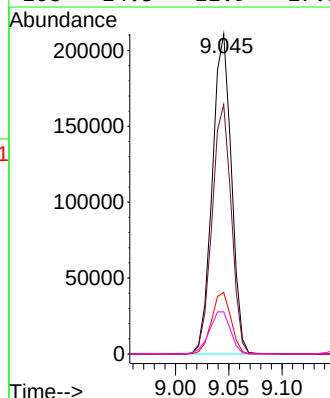
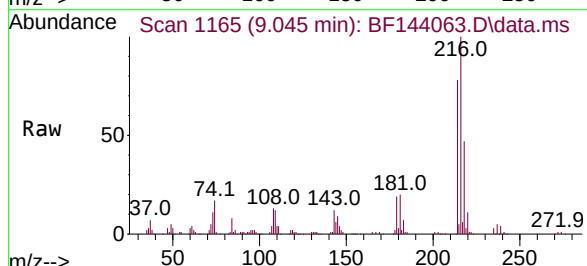
Ion Ratio Lower Upper

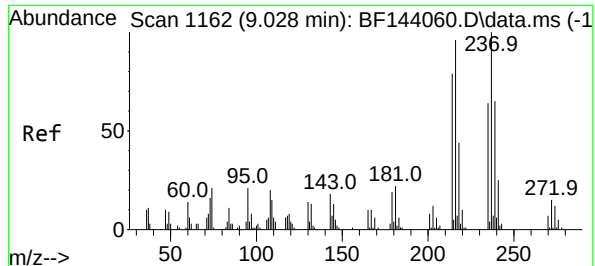
216 100

214 78.5 63.2 94.8

179 19.4 15.2 22.8

108 14.5 11.9 17.9

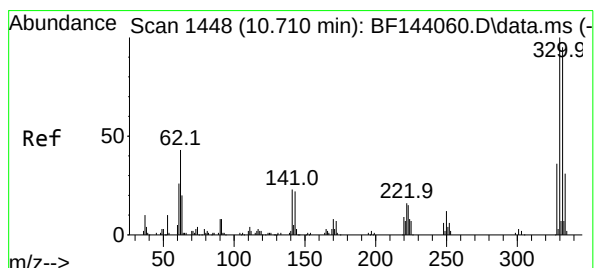
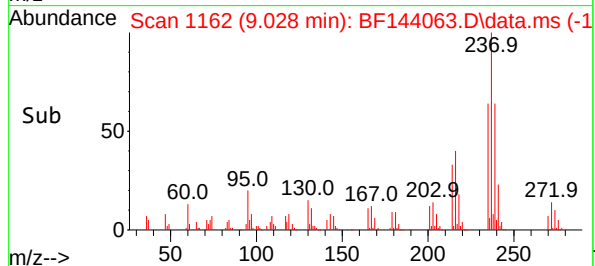
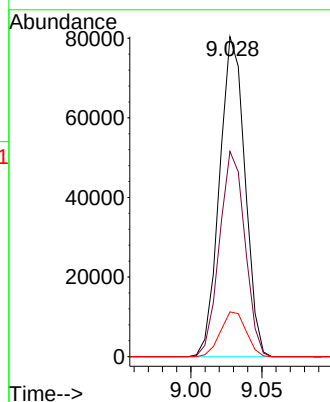
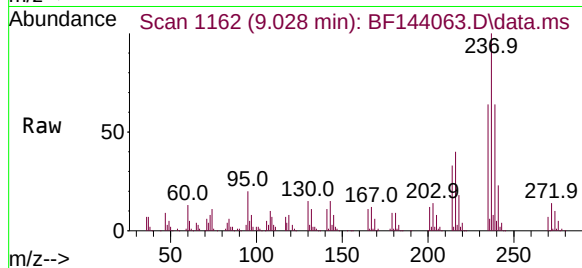




#41
Hexachlorocyclopentadiene
Concen: 83.468 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

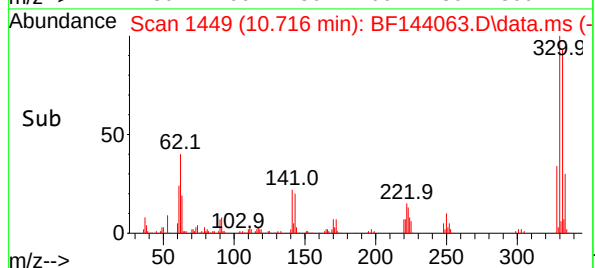
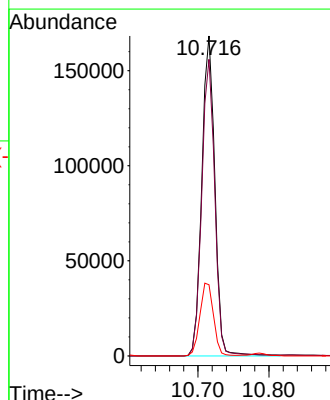
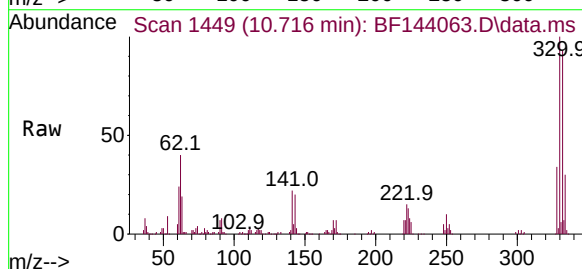
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

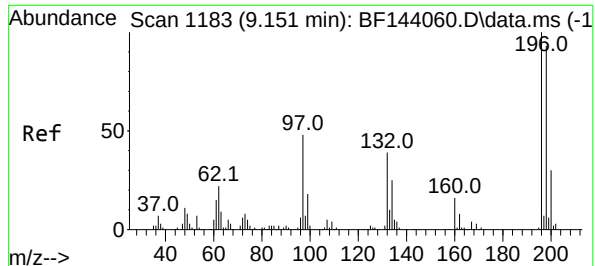
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.3	84.3
272	14.0	0.0	35.2



#42
2,4,6-Tribromophenol
Concen: 148.116 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	23.8	19.4	29.0





#43

2,4,6-Trichlorophenol

Concen: 69.040 ng

RT: 9.157 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

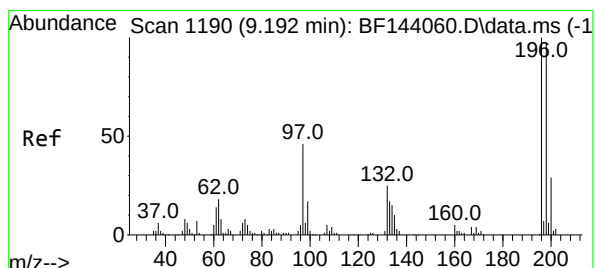
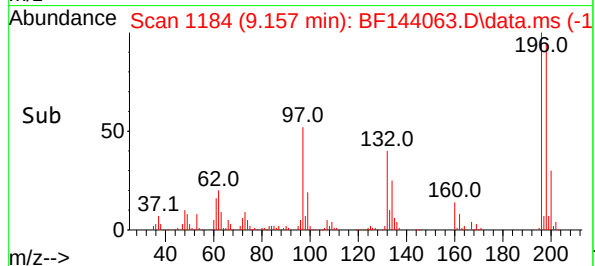
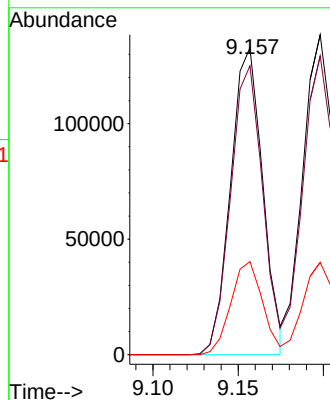
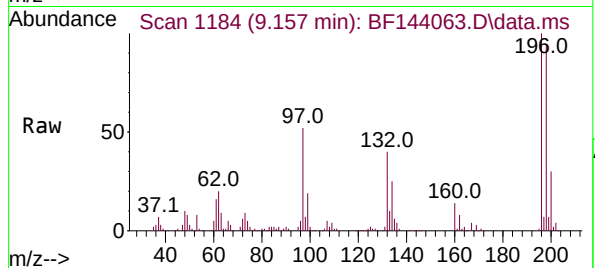
Tgt Ion:196 Resp: 173959

Ion Ratio Lower Upper

196 100

198 94.1 74.4 111.6

200 30.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 71.565 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Tgt Ion:196 Resp: 189248

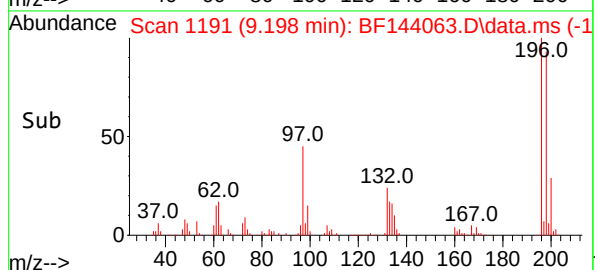
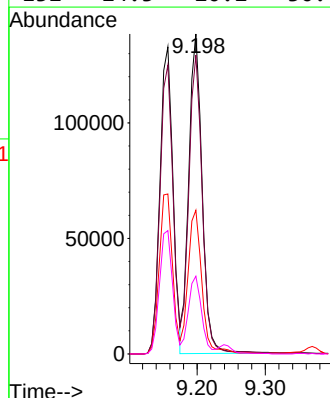
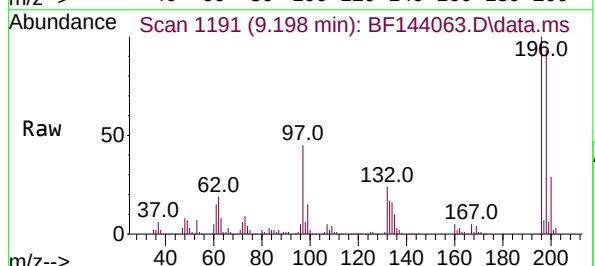
Ion Ratio Lower Upper

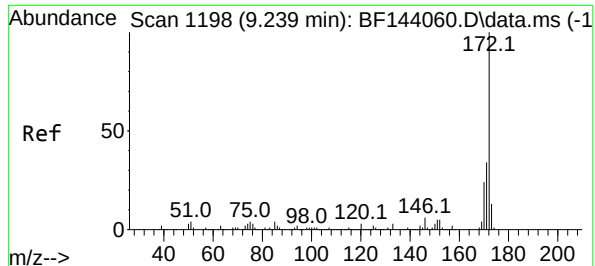
196 100

198 93.4 78.0 117.0

97 44.9 37.7 56.5

132 24.3 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 131.050 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

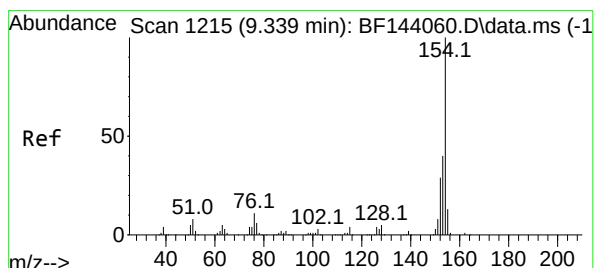
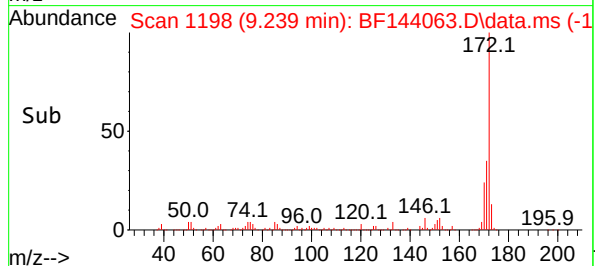
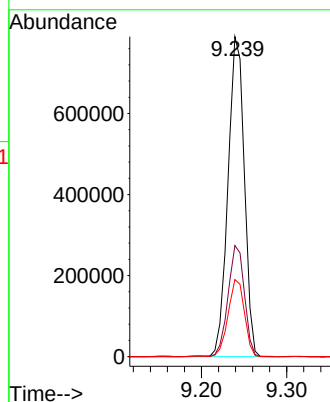
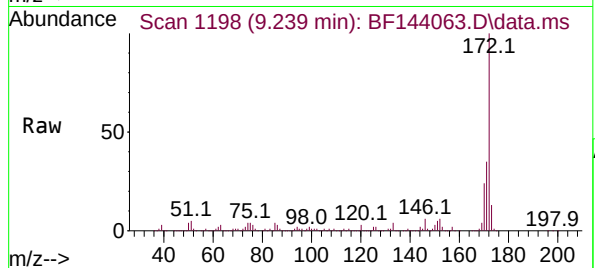
Tgt Ion:172 Resp: 1050410

Ion Ratio Lower Upper

172 100

171 34.7 27.5 41.3

170 24.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 65.690 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

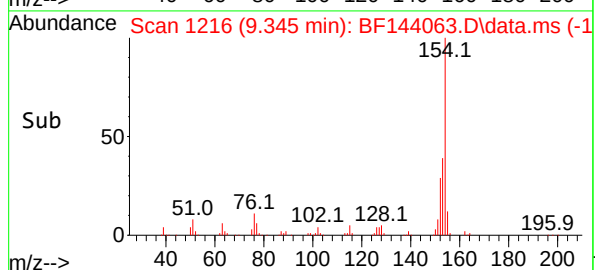
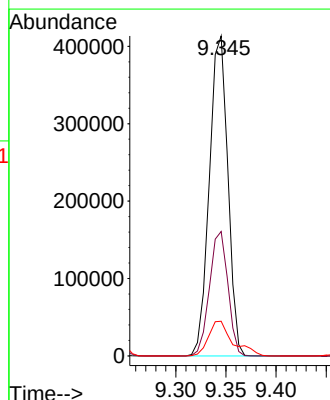
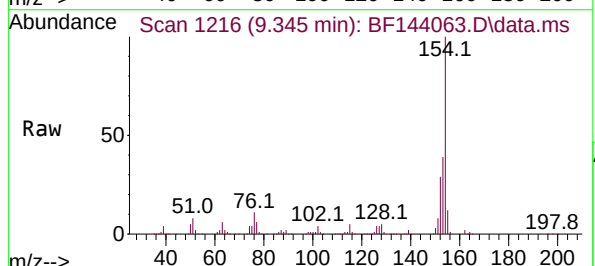
Tgt Ion:154 Resp: 530392

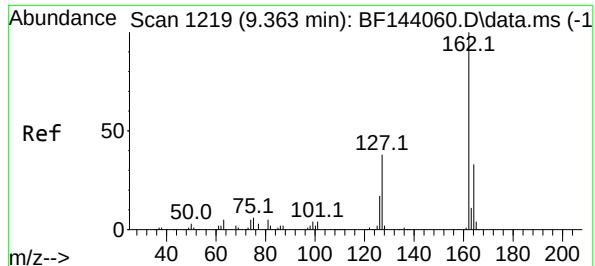
Ion Ratio Lower Upper

154 100

153 38.9 19.7 59.7

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 65.979 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

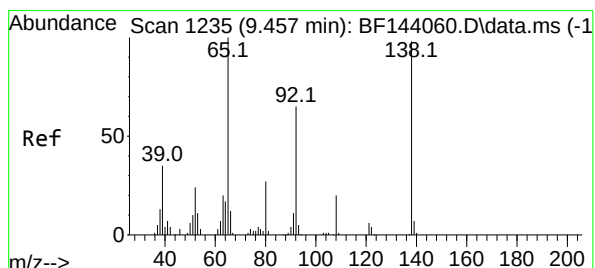
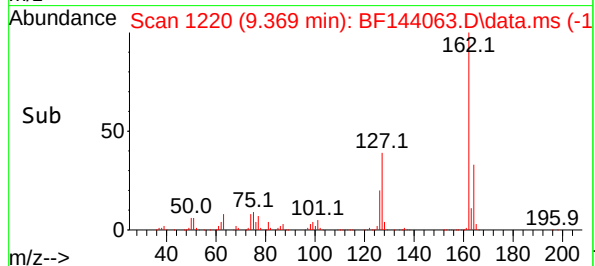
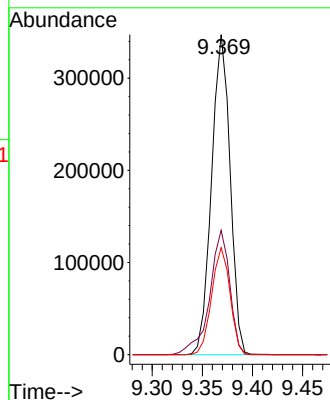
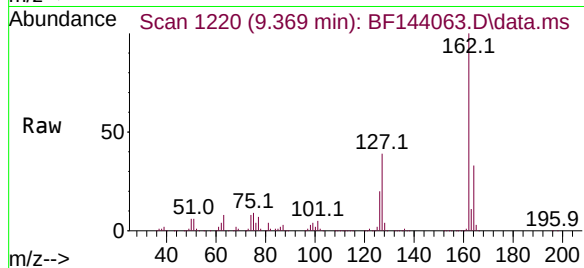
Tgt Ion:162 Resp: 446307

Ion Ratio Lower Upper

162 100

127 38.8 31.6 47.4

164 33.4 26.5 39.7



#48

2-Nitroaniline

Concen: 73.762 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

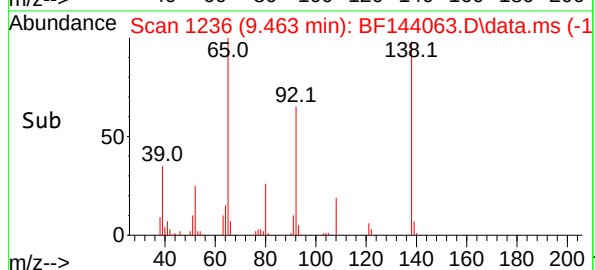
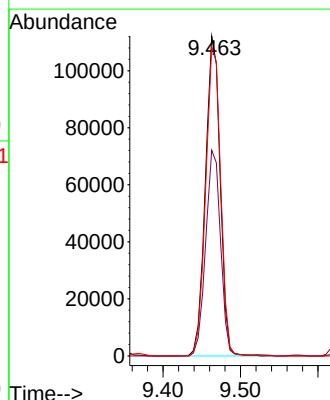
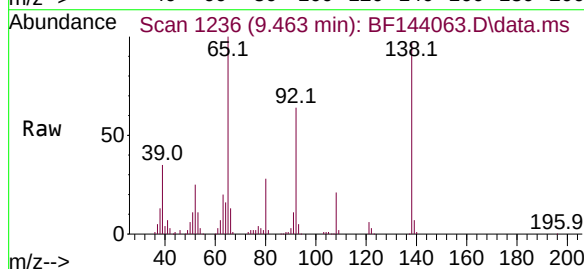
Tgt Ion: 65 Resp: 148164

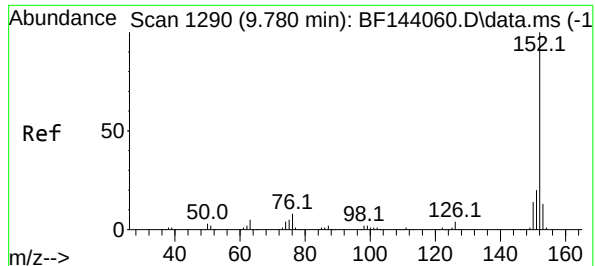
Ion Ratio Lower Upper

65 100

92 64.3 52.3 78.5

138 96.5 78.3 117.5





#49

Acenaphthylene

Concen: 66.126 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

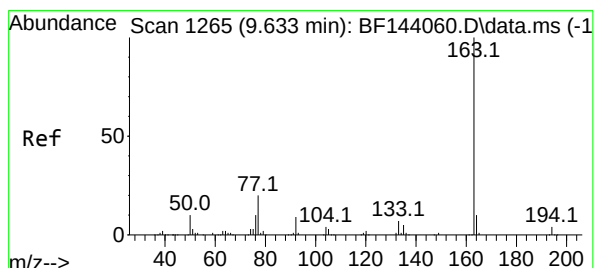
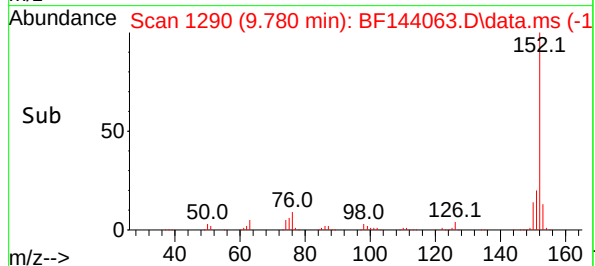
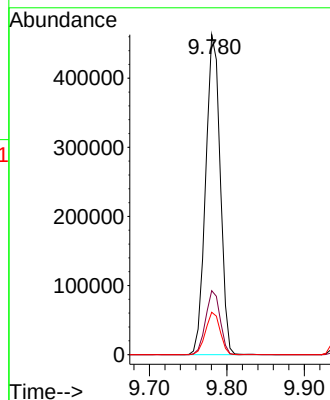
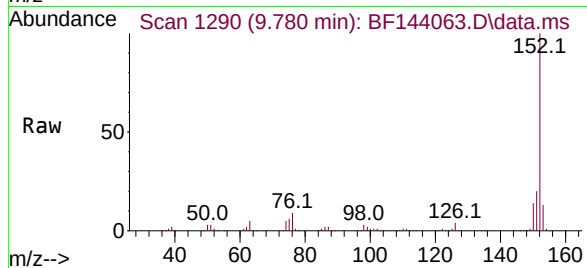
Tgt Ion:152 Resp: 603127

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 69.954 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

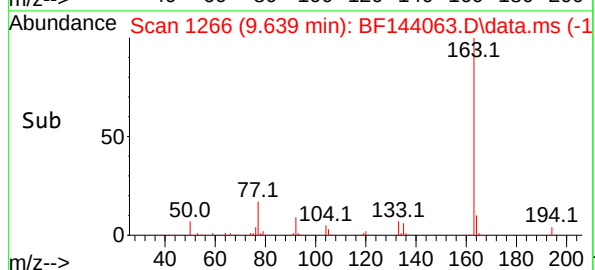
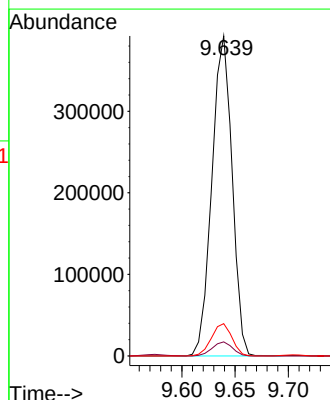
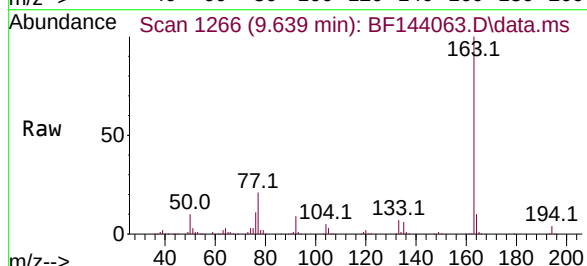
Tgt Ion:163 Resp: 517194

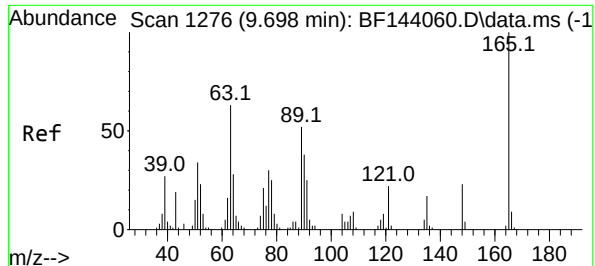
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

164 10.1 7.8 11.8

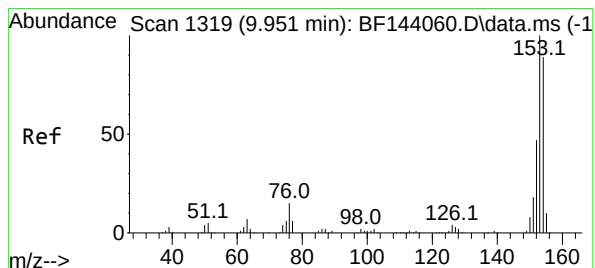
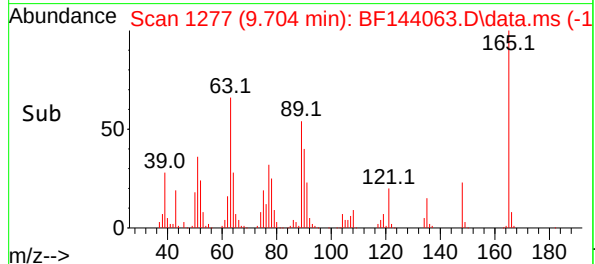
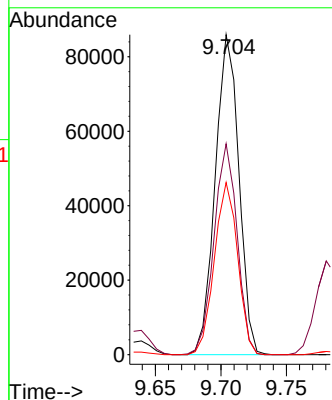
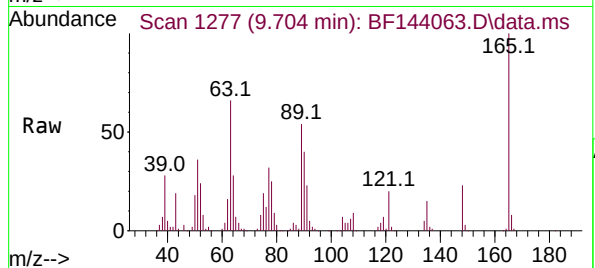




#51
2,6-Dinitrotoluene
Concen: 73.947 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

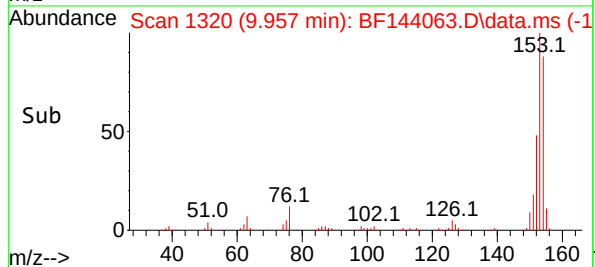
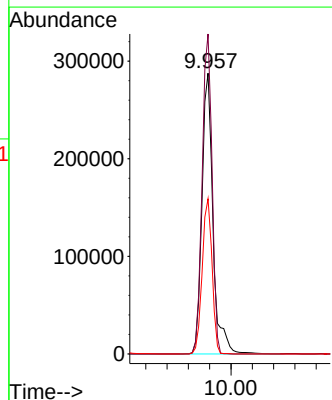
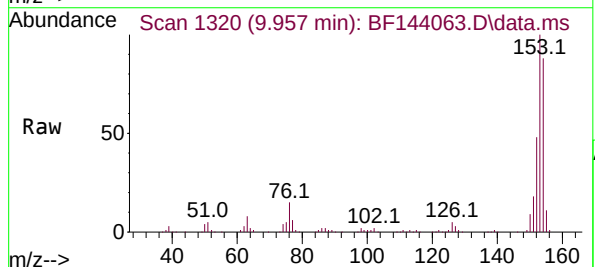
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

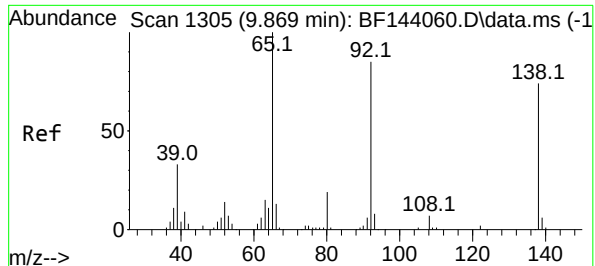
Tgt Ion:165 Resp: 108081
Ion Ratio Lower Upper
165 100
63 65.9 50.4 75.6
89 53.8 41.4 62.2



#52
Acenaphthene
Concen: 67.707 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:154 Resp: 412422
Ion Ratio Lower Upper
154 100
153 114.0 89.9 134.9
152 55.3 42.0 63.0





#53

3-Nitroaniline

Concen: 69.421 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

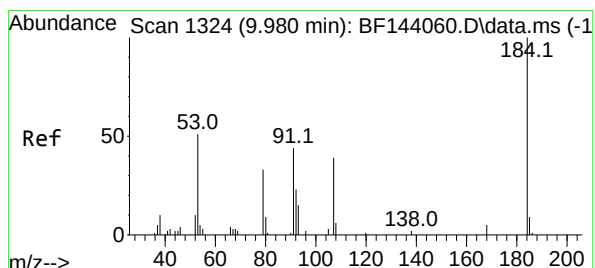
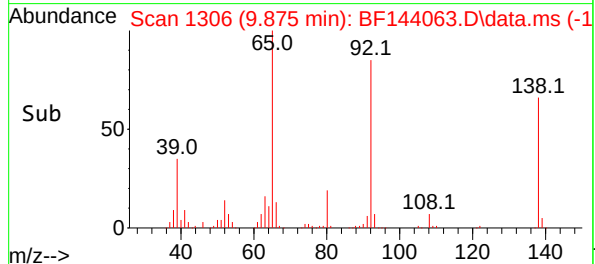
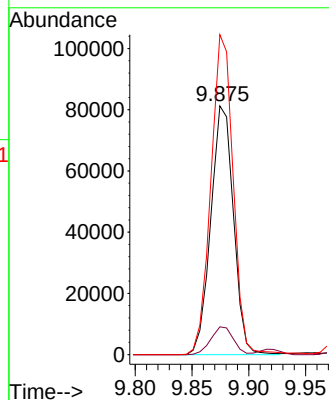
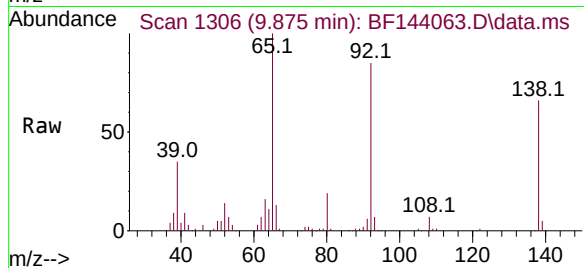
Tgt Ion:138 Resp: 112811

Ion Ratio Lower Upper

138 100

108 11.2 7.9 11.9

92 128.6 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 79.646 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

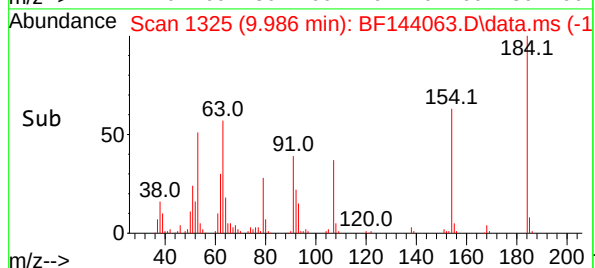
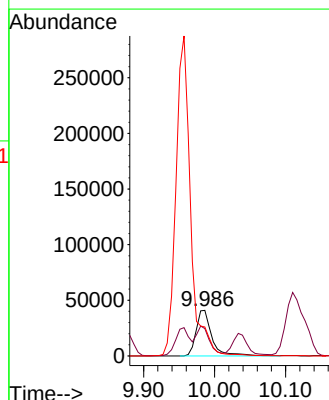
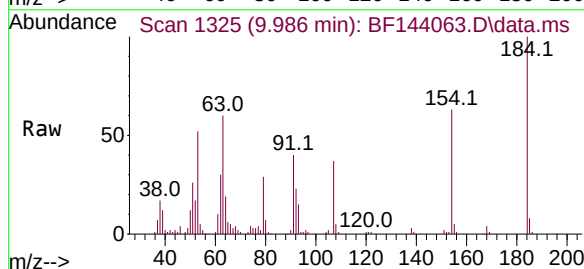
Tgt Ion:184 Resp: 62962

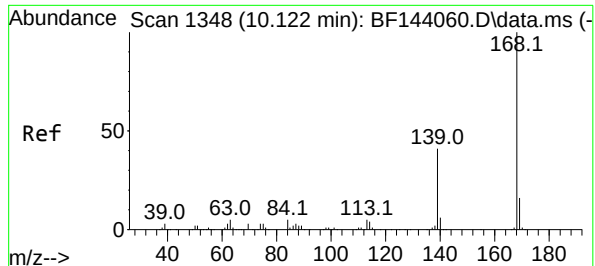
Ion Ratio Lower Upper

184 100

63 59.8 52.1 78.1

154 63.3 47.9 71.9





#55

Dibenzofuran

Concen: 66.253 ng

RT: 10.127 min Scan# 1348

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

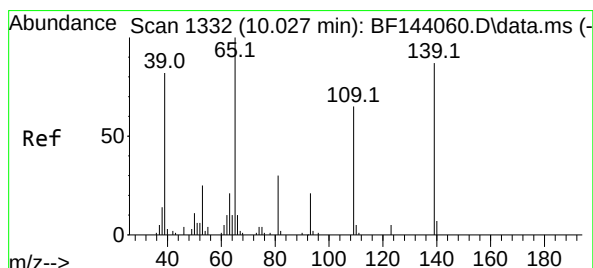
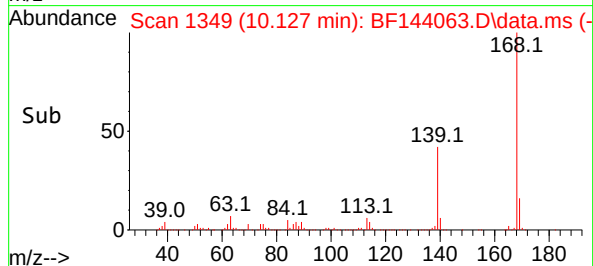
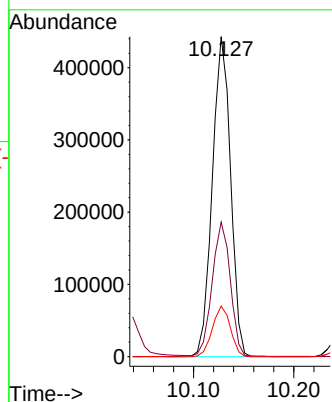
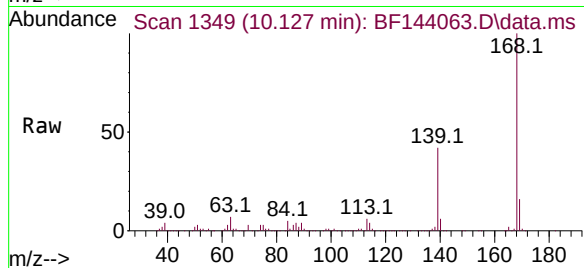
Tgt Ion:168 Resp: 560264

Ion Ratio Lower Upper

168 100

139 42.0 33.2 49.8

169 15.8 12.6 19.0



#56

4-Nitrophenol

Concen: 75.509 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

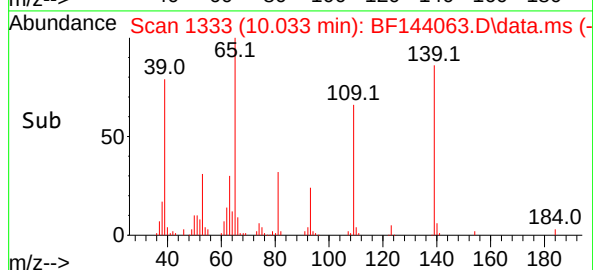
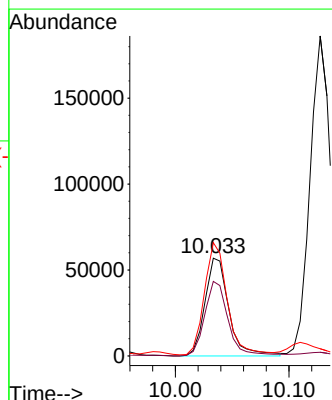
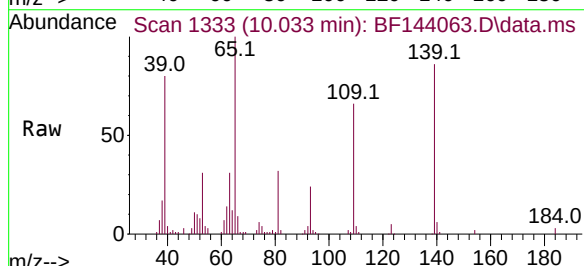
Tgt Ion:139 Resp: 83091

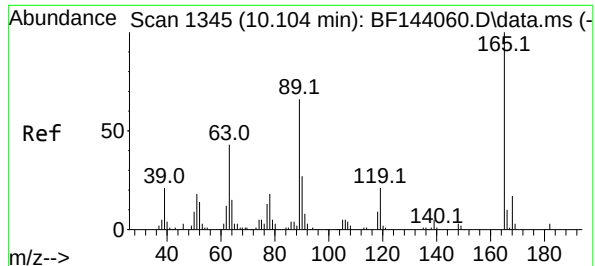
Ion Ratio Lower Upper

139 100

109 76.3 53.8 93.8

65 115.9 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 73.844 ng

RT: 10.110 min Scan# 1345

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 145667

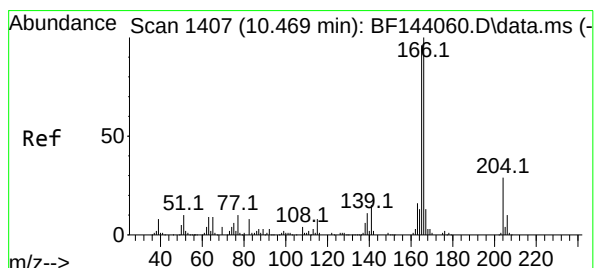
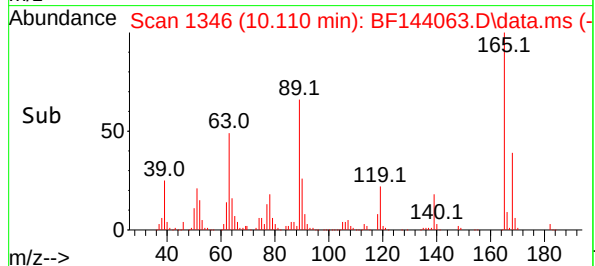
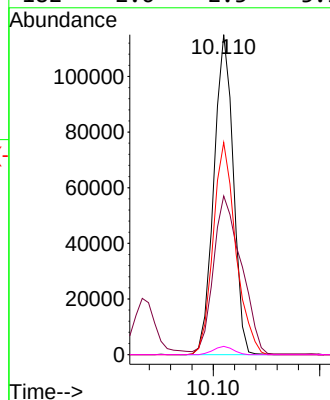
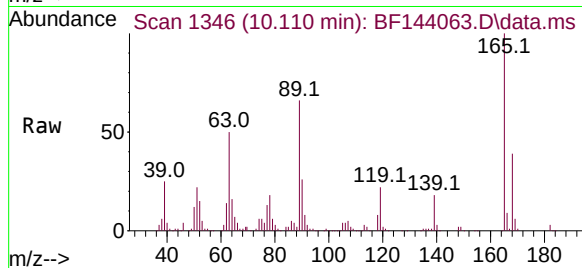
Ion Ratio Lower Upper

165 100

63 49.6 35.4 53.2

89 66.3 52.7 79.1

182 2.6 2.3 3.5



#58

Fluorene

Concen: 66.175 ng

RT: 10.474 min Scan# 1408

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

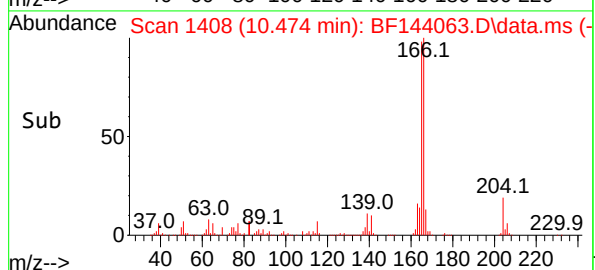
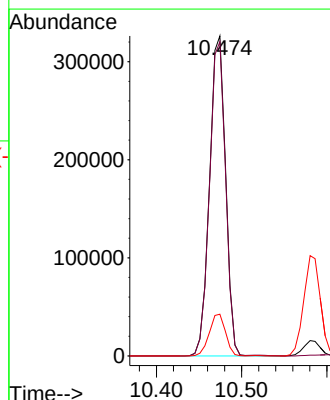
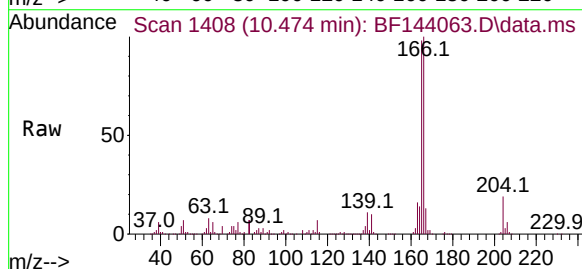
Tgt Ion:166 Resp: 426390

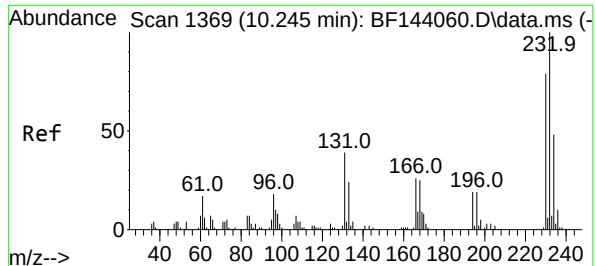
Ion Ratio Lower Upper

166 100

165 98.2 77.0 115.4

167 13.0 10.2 15.4

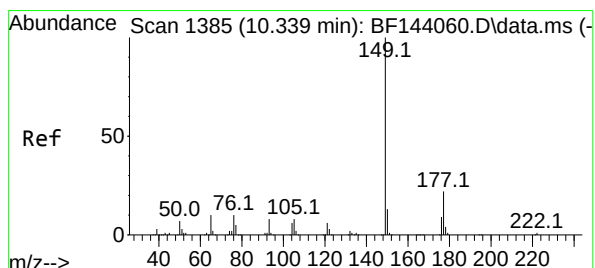
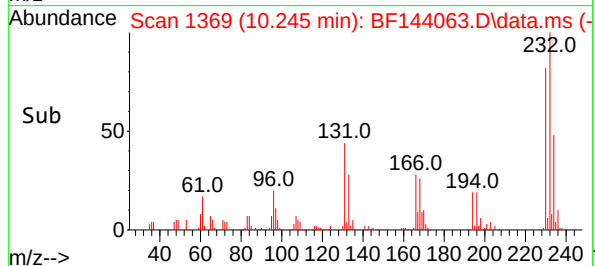
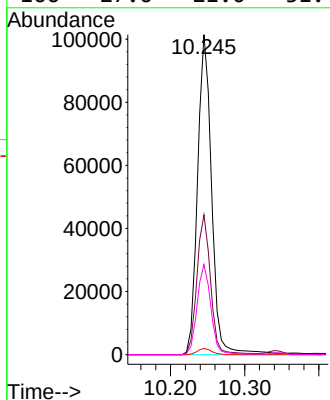
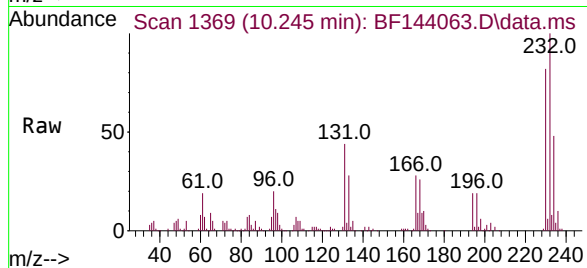




#59
2,3,4,6-Tetrachlorophenol
Concen: 71.865 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

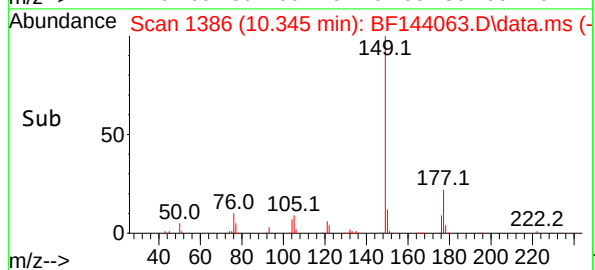
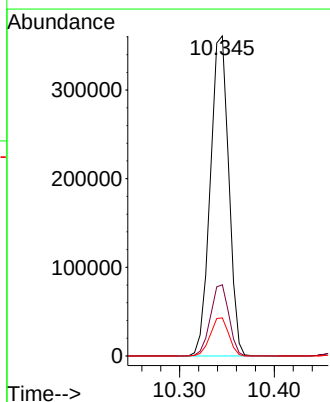
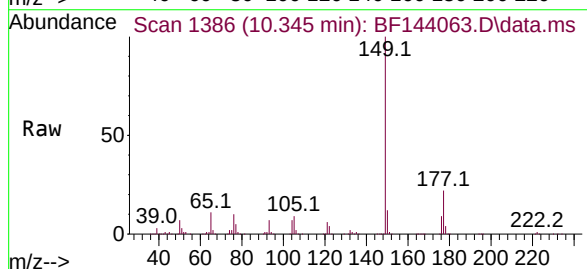
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

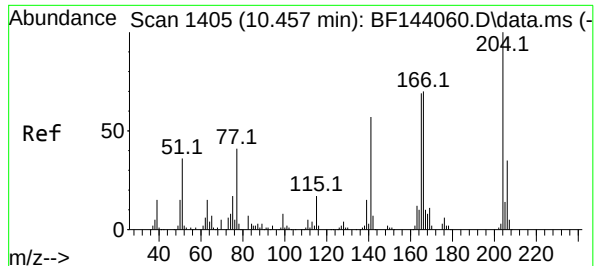
Tgt Ion:232 Resp: 133917
Ion Ratio Lower Upper
232 100
131 42.4 31.9 47.9
130 1.9 1.1 1.7#
166 27.6 21.0 31.4



#60
Diethylphthalate
Concen: 70.274 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:149 Resp: 488605
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 11.9 10.1 15.1

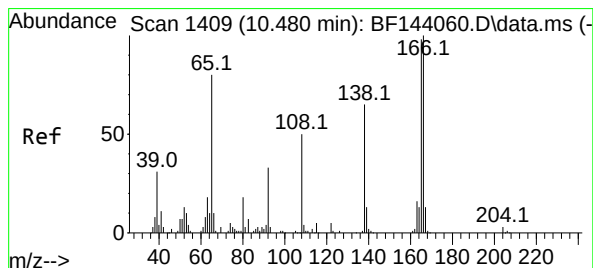
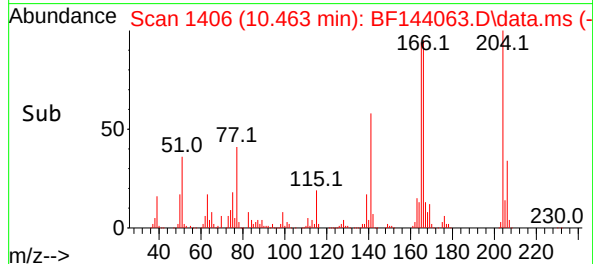
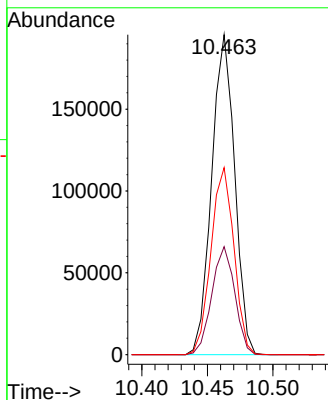
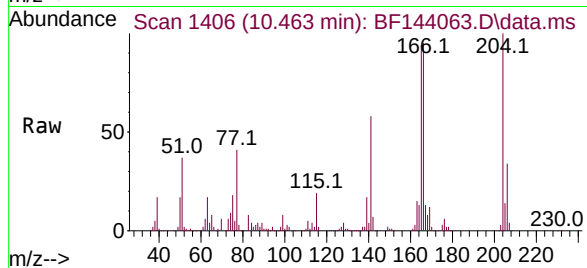




#61
4-Chlorophenyl-phenylether
Concen: 65.871 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

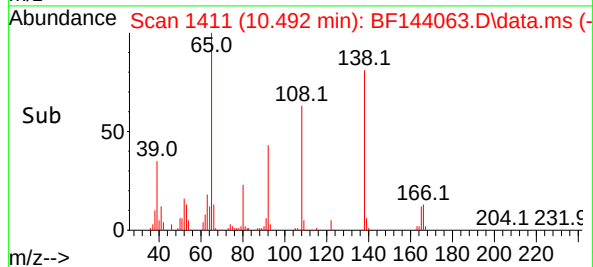
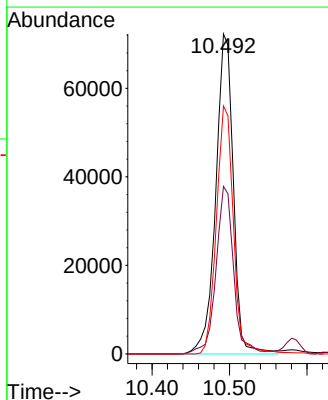
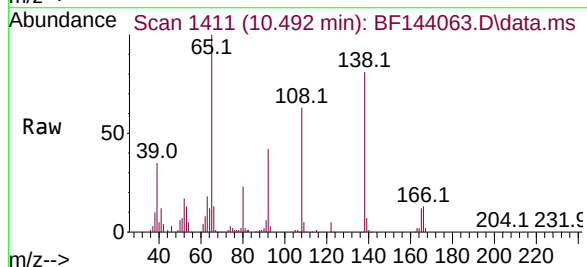
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

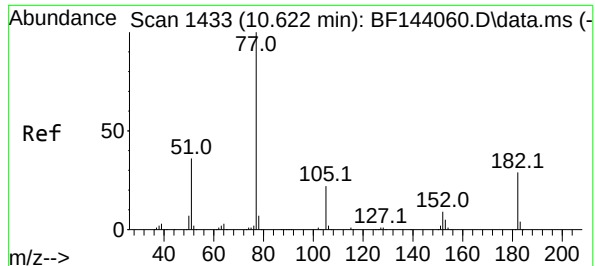
Tgt Ion:204 Resp: 238684
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.6
141 58.4 45.4 68.2



#62
4-Nitroaniline
Concen: 73.997 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:138 Resp: 113935
Ion Ratio Lower Upper
138 100
92 52.3 30.5 70.5
108 77.5 56.2 96.2

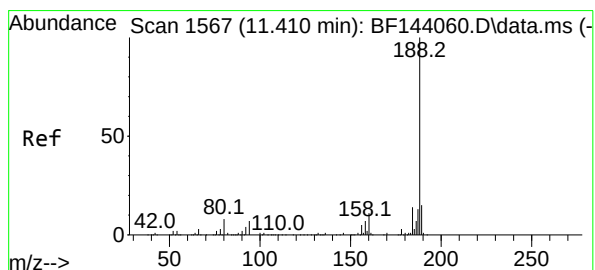
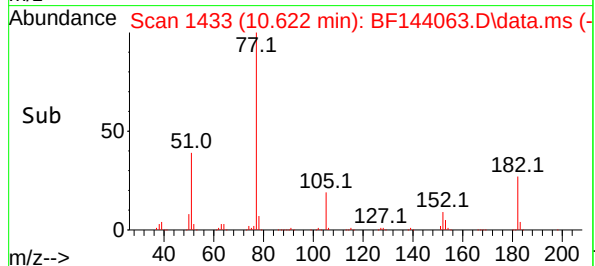
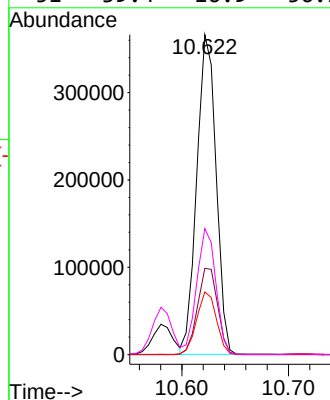
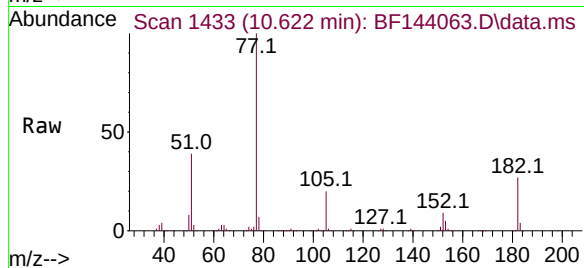




#63
Azobenzene
Concen: 69.934 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

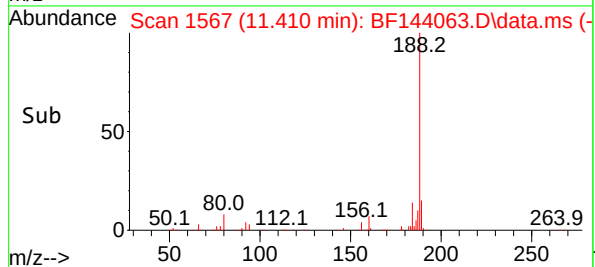
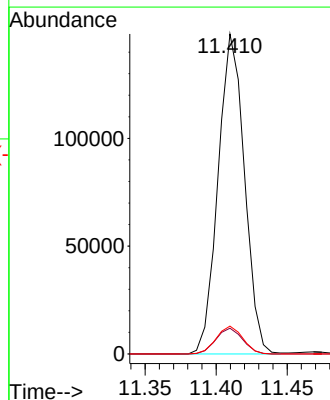
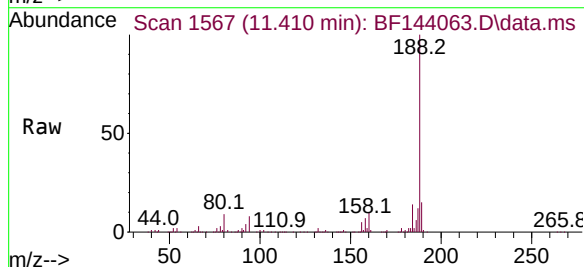
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

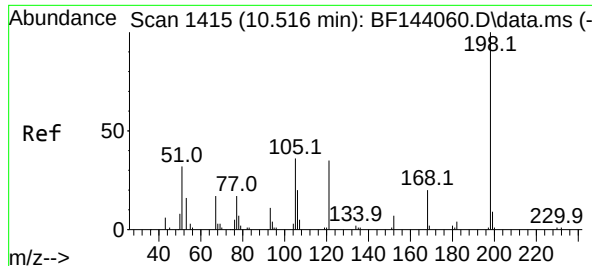
Tgt Ion: 77 Resp: 460222
Ion Ratio Lower Upper
77 100
182 27.0 9.0 49.0
105 19.6 1.4 41.4
51 39.4 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion: 188 Resp: 191608
Ion Ratio Lower Upper
188 100
94 8.0 5.4 8.0
80 8.7 6.0 9.0

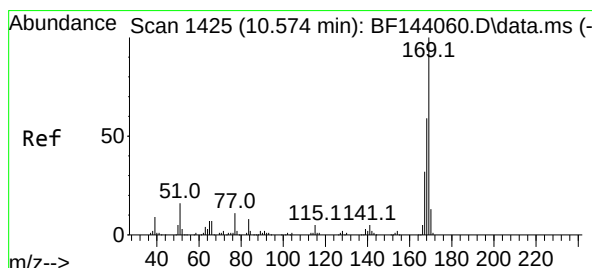
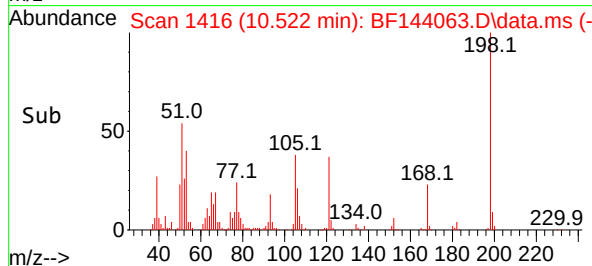
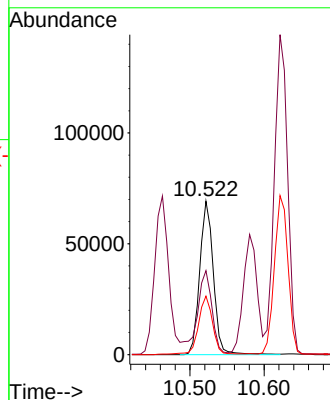
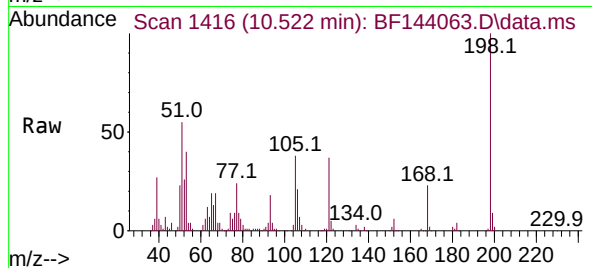




#65
4,6-Dinitro-2-methylphenol
Concen: 72.027 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

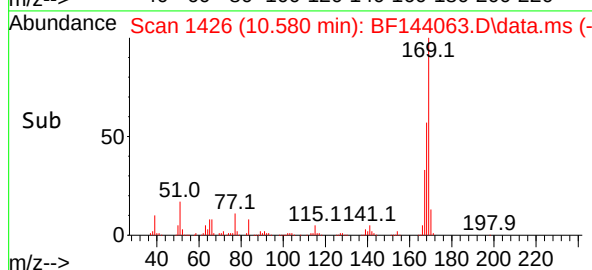
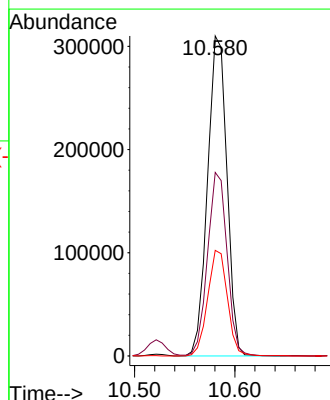
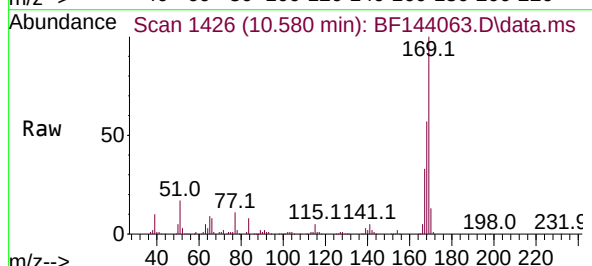
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

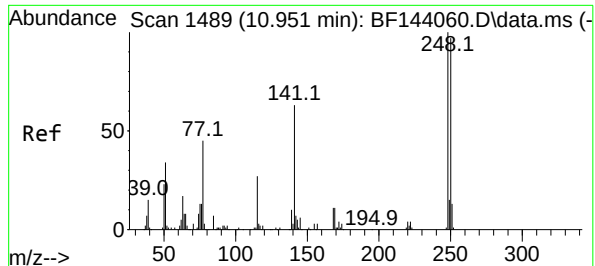
Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.7	25.8	65.8
105	38.1	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 67.908 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.3	47.4	71.2
167	33.0	25.5	38.3

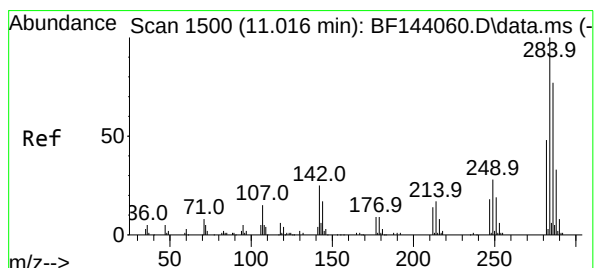
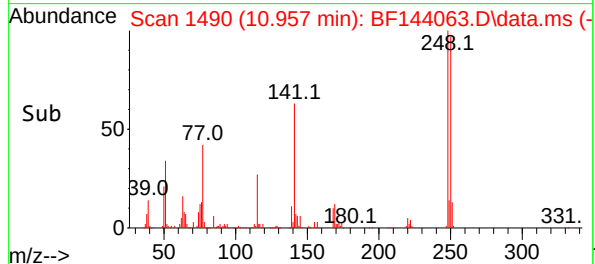
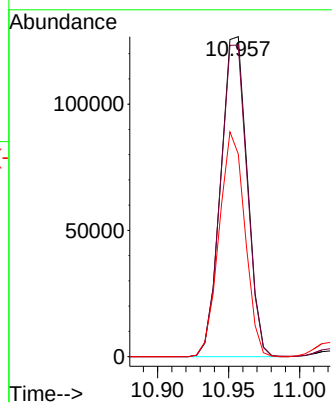
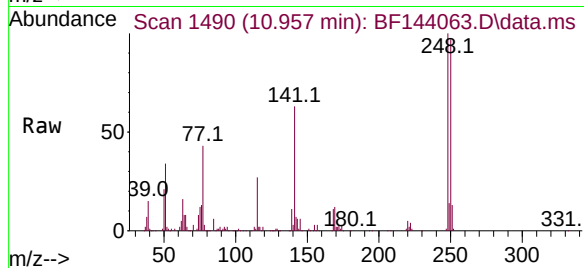




#67
4-Bromophenyl-phenylether
Concen: 68.643 ng
RT: 10.957 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

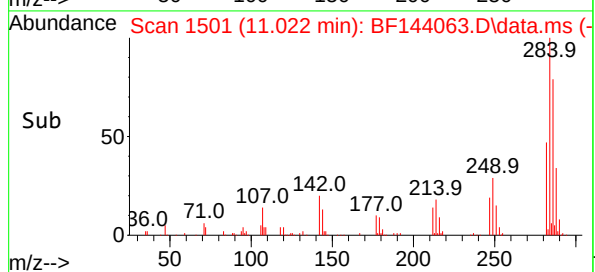
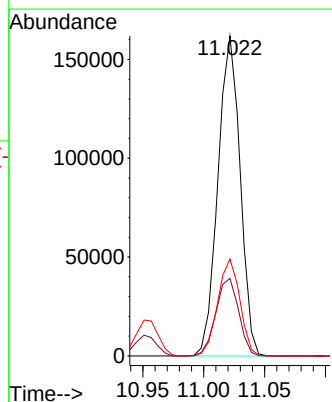
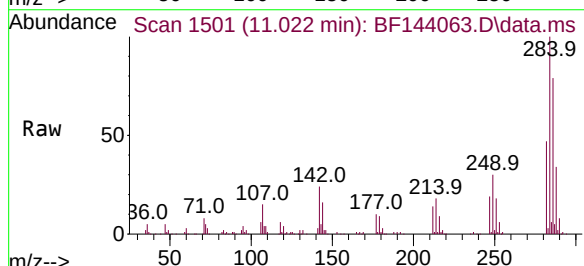
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

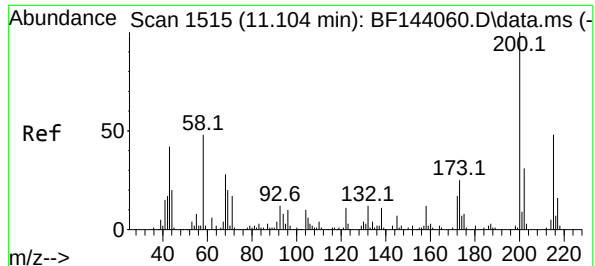
Tgt Ion:248 Resp: 164677
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 63.3 50.5 75.7



#68
Hexachlorobenzene
Concen: 69.766 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:284 Resp: 205267
Ion Ratio Lower Upper
284 100
142 24.2 20.0 30.0
249 30.3 22.2 33.2





#69

Atrazine

Concen: 64.536 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

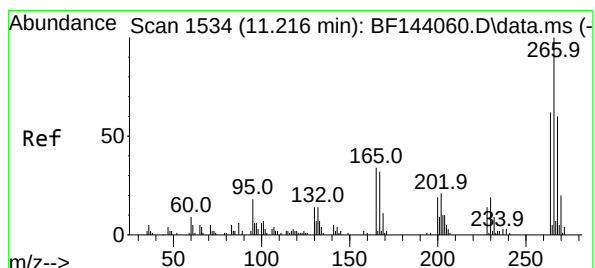
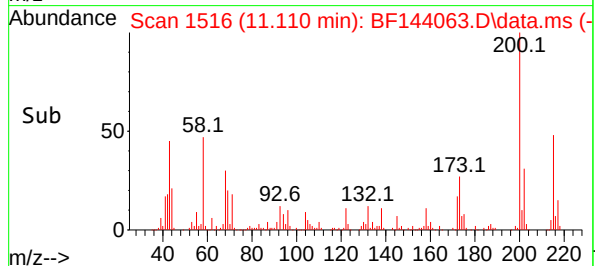
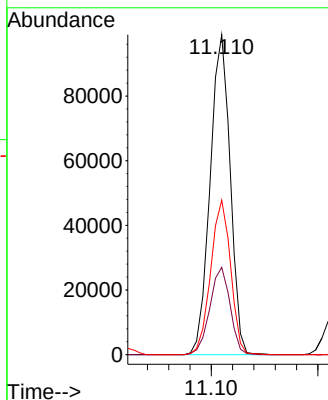
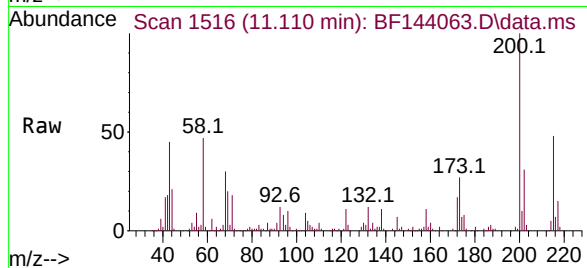
Tgt Ion:200 Resp: 129646

Ion Ratio Lower Upper

200 100

173 27.3 4.9 44.9

215 48.3 28.2 68.2



#70

Pentachlorophenol

Concen: 79.055 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

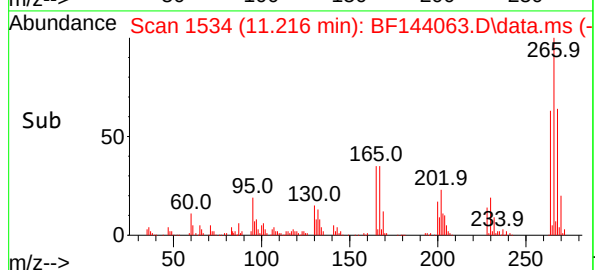
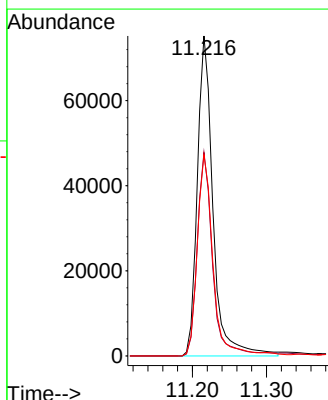
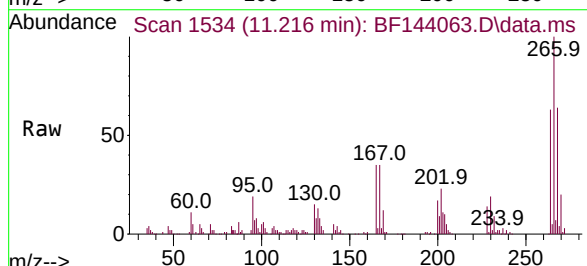
Tgt Ion:266 Resp: 110717

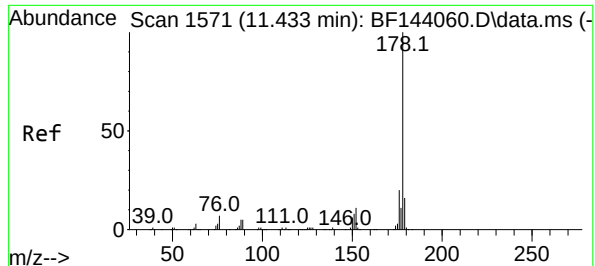
Ion Ratio Lower Upper

266 100

268 63.6 48.2 72.4

264 62.9 49.4 74.0

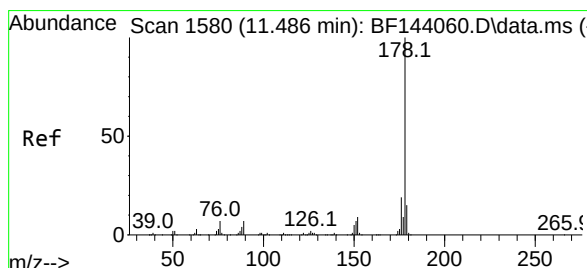
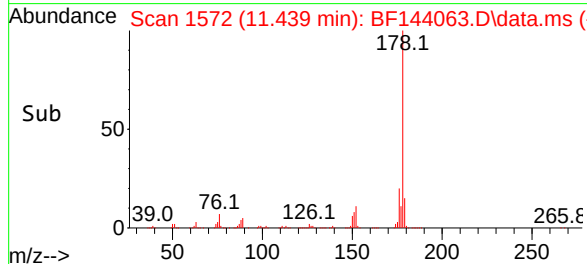
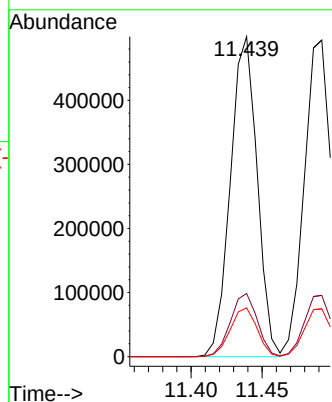
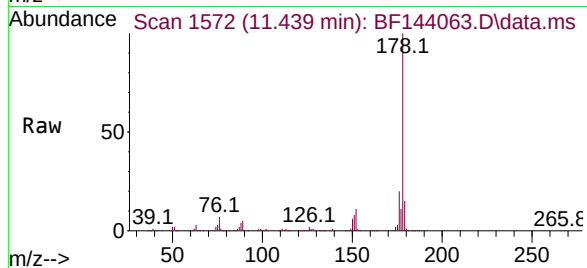




#71
Phenanthrene
Concen: 68.769 ng
RT: 11.439 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

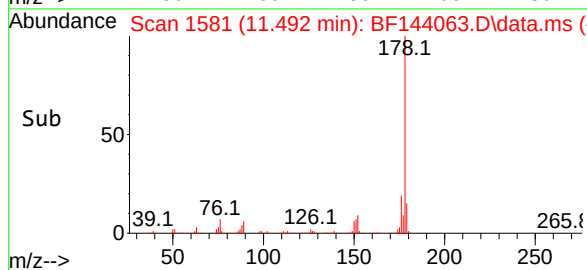
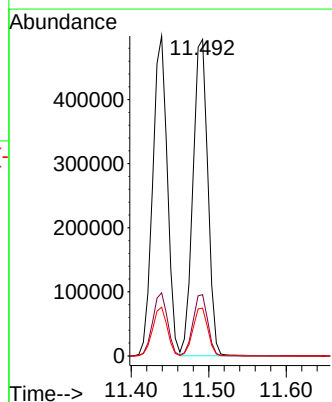
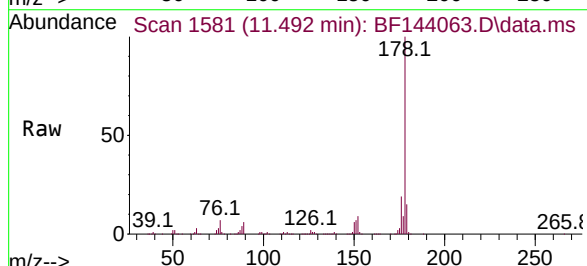
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

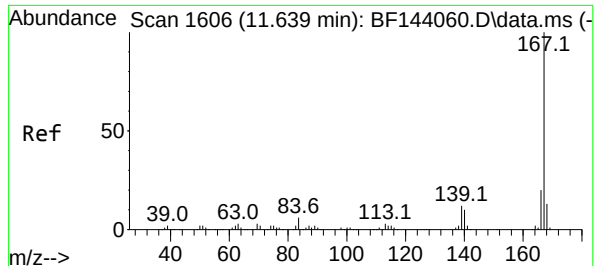
Tgt Ion:178 Resp: 654557
Ion Ratio Lower Upper
178 100
176 19.7 16.3 24.5
179 15.2 12.6 18.8



#72
Anthracene
Concen: 66.765 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

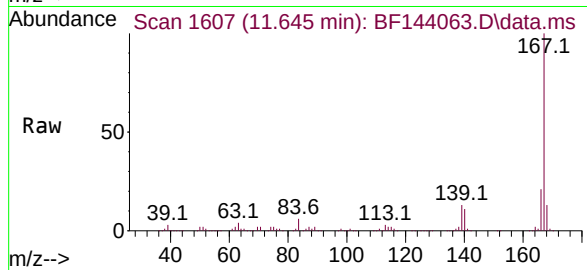
Tgt Ion:178 Resp: 656473
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.1 11.8 17.6



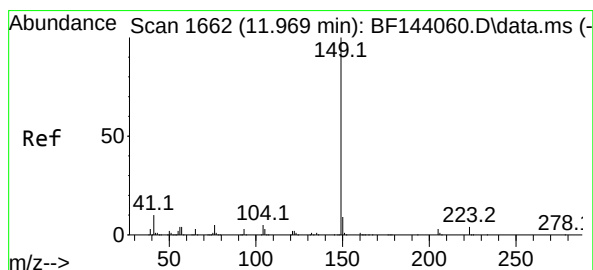
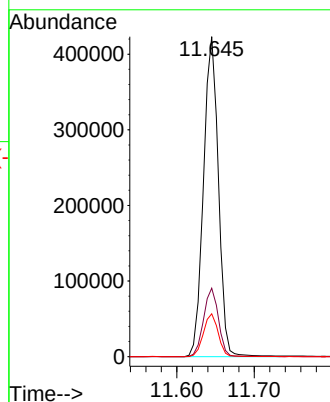
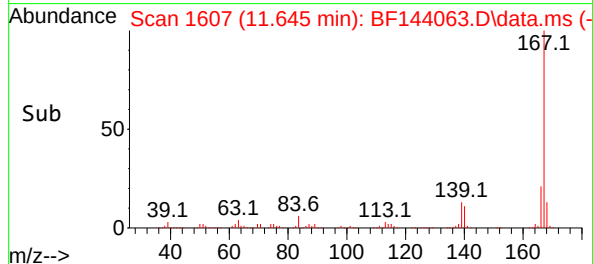


#73
Carbazole
Concen: 67.538 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

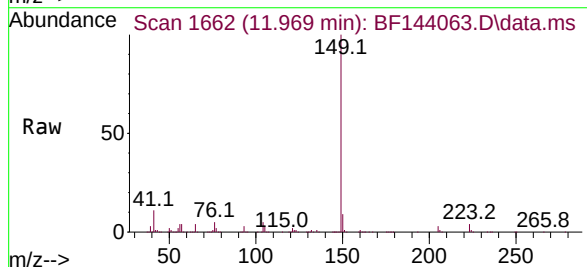
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



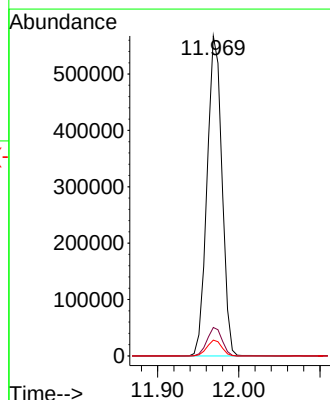
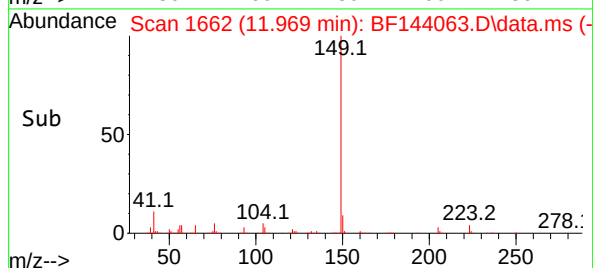
Tgt Ion:167 Resp: 565232
Ion Ratio Lower Upper
167 100
166 21.4 16.1 24.1
139 13.4 9.8 14.6

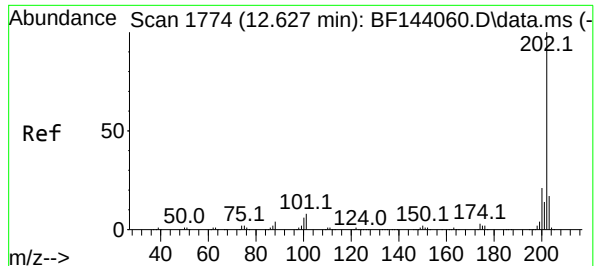


#74
Di-n-butylphthalate
Concen: 70.556 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32



Tgt Ion:149 Resp: 723962
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 69.552 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

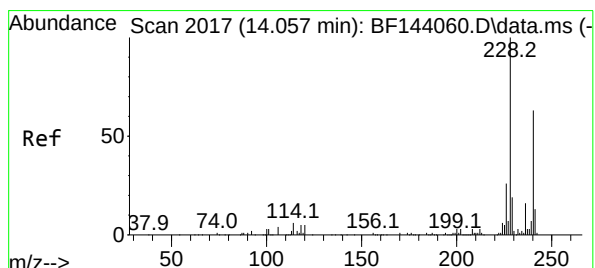
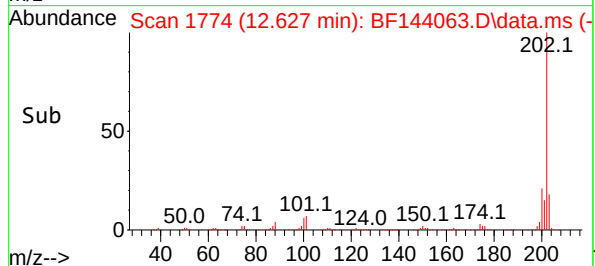
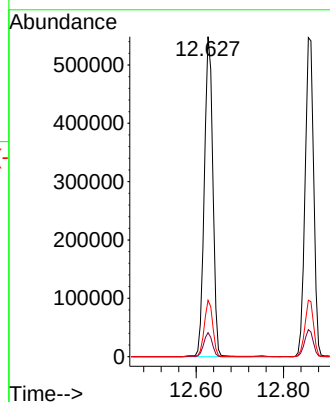
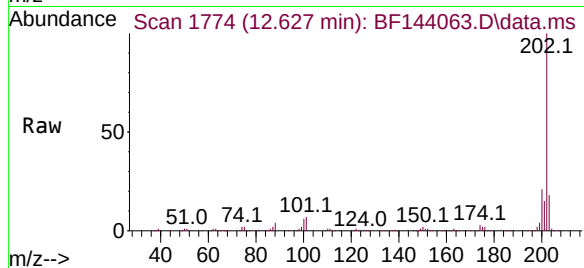
Tgt Ion:202 Resp: 731393

Ion Ratio Lower Upper

202 100

101 7.5 0.0 27.7

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

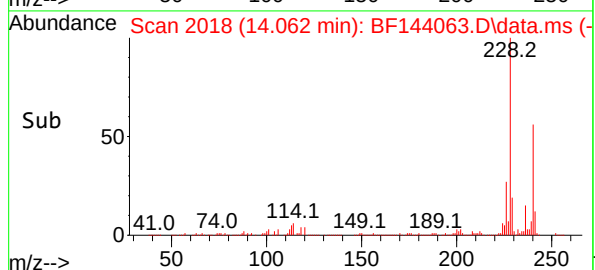
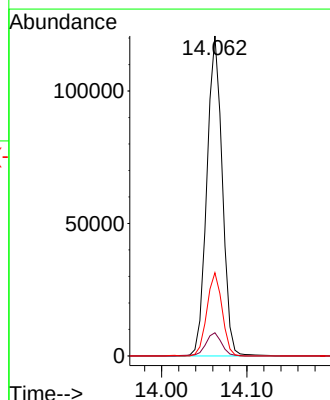
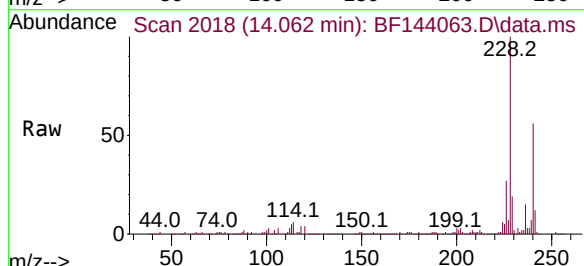
Tgt Ion:240 Resp: 151514

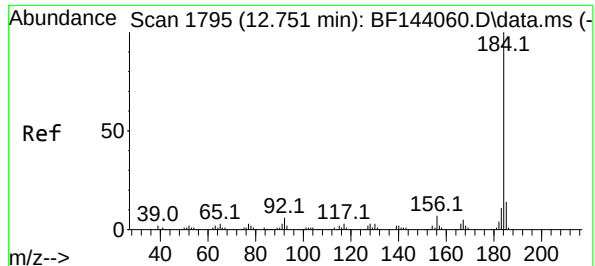
Ion Ratio Lower Upper

240 100

120 7.2 6.5 9.7

236 26.0 20.1 30.1





#77

Benzidine

Concen: 59.887 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

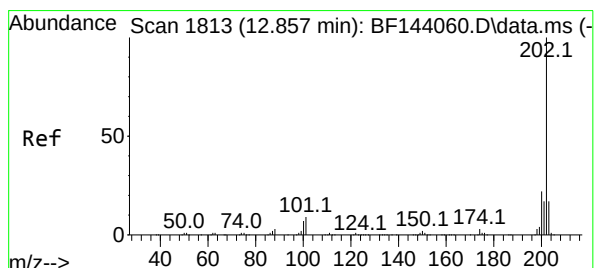
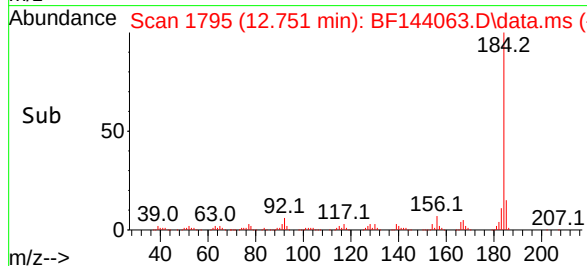
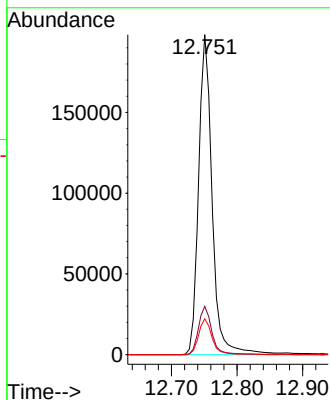
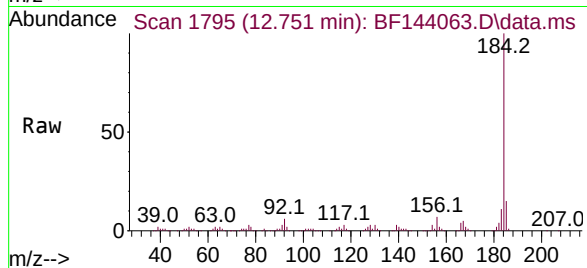
Tgt Ion:184 Resp: 282392

Ion Ratio Lower Upper

184 100

185 15.1 11.6 17.4

183 11.2 8.5 12.7



#78

Pyrene

Concen: 68.794 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

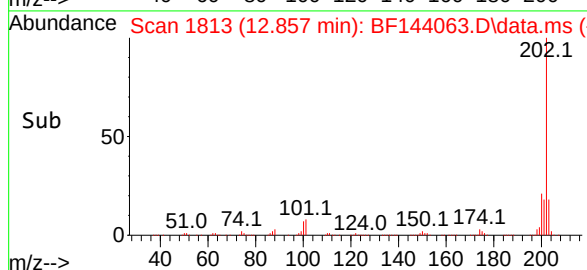
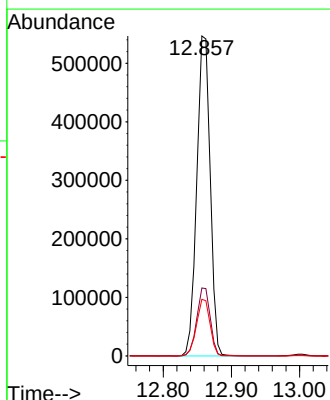
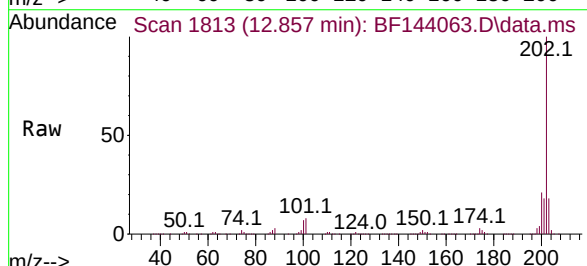
Tgt Ion:202 Resp: 749362

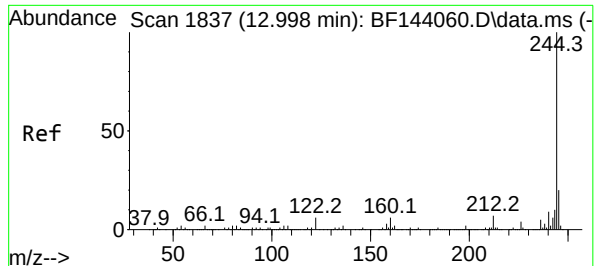
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.7 13.5 20.3





#79

Terphenyl-d14

Concen: 142.390 ng

RT: 13.004 min Scan# 1838

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

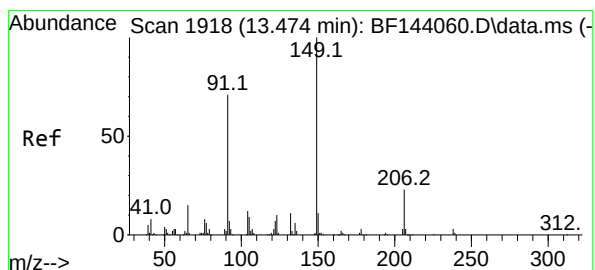
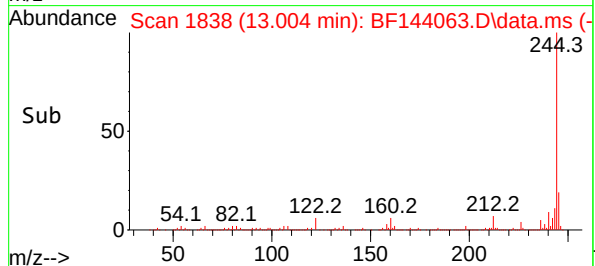
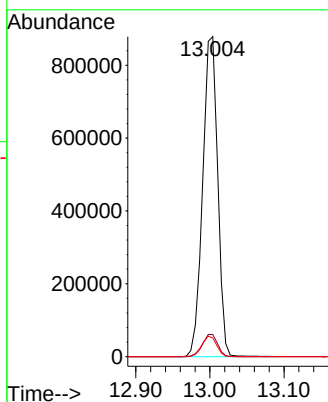
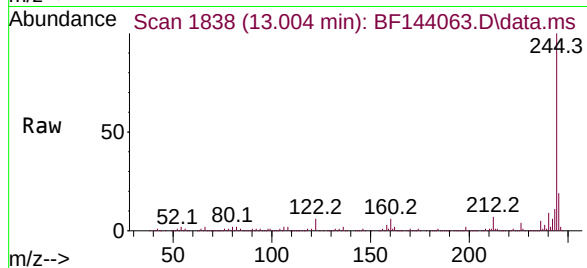
Tgt Ion:244 Resp: 1234056

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 5.8 4.9 7.3



#80

Butylbenzylphthalate

Concen: 73.645 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

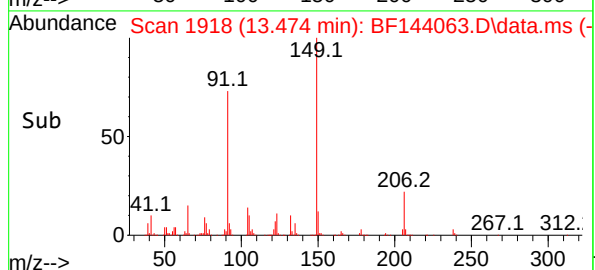
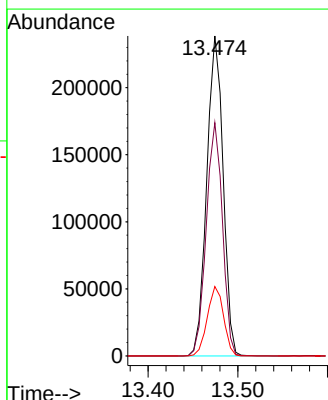
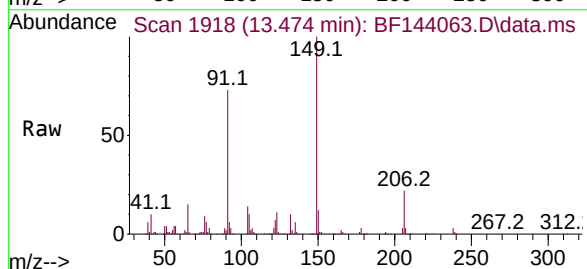
Tgt Ion:149 Resp: 303486

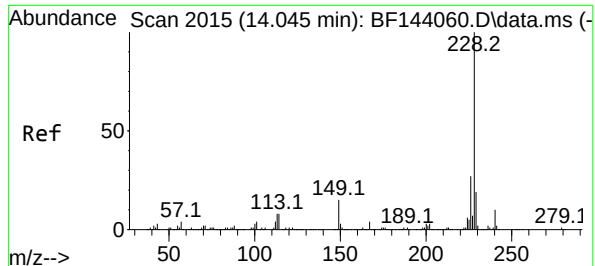
Ion Ratio Lower Upper

149 100

91 72.9 56.6 84.8

206 21.7 18.3 27.5





#81

Benzo(a)anthracene

Concen: 72.564 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

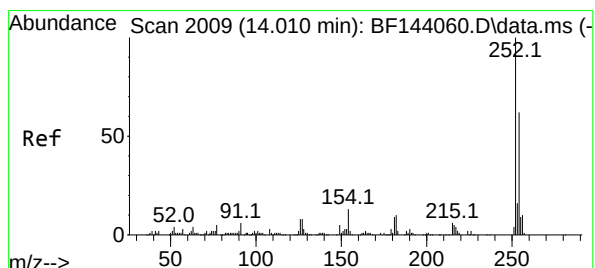
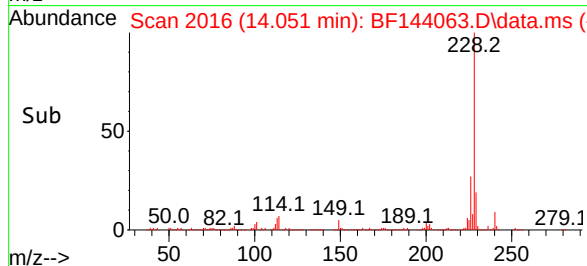
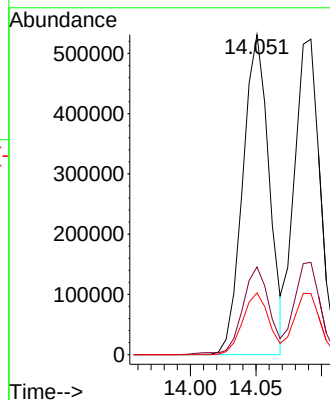
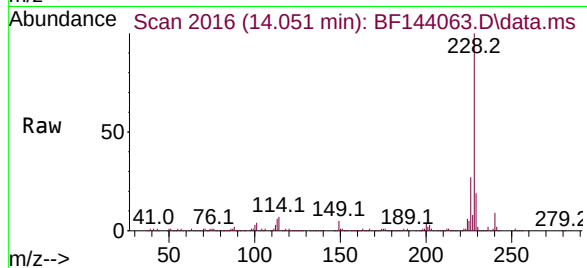
Tgt Ion:228 Resp: 743007

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 19.3 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 72.536 ng

RT: 14.015 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

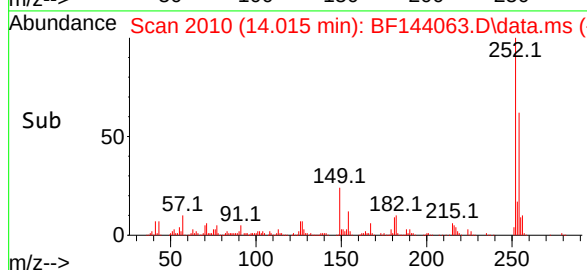
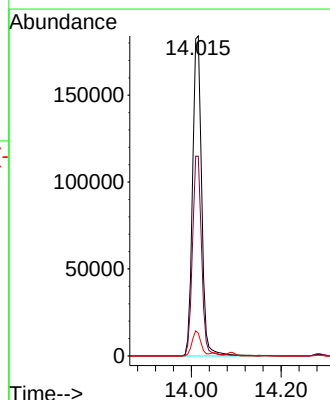
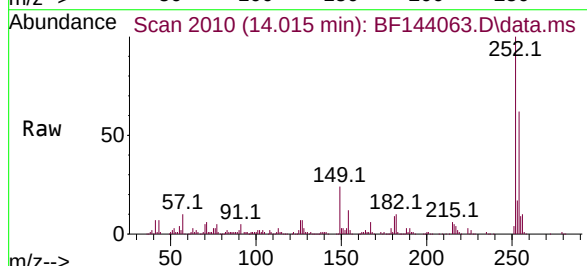
Tgt Ion:252 Resp: 258546

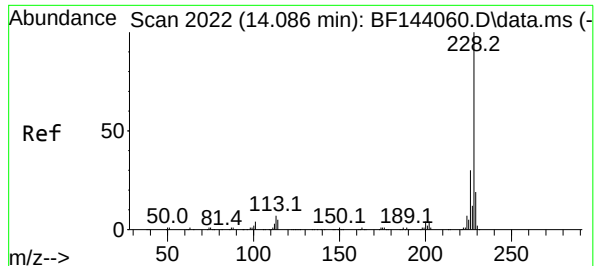
Ion Ratio Lower Upper

252 100

254 62.4 49.9 74.9

126 7.1 6.5 9.7





#83

Chrysene

Concen: 73.777 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

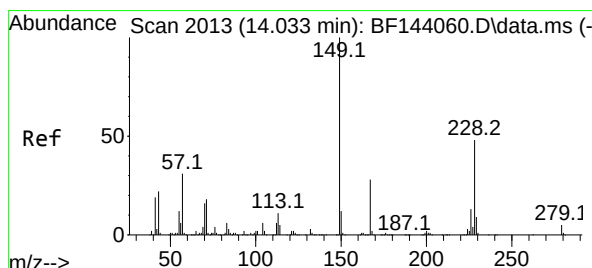
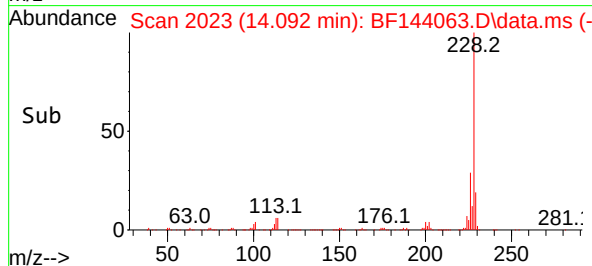
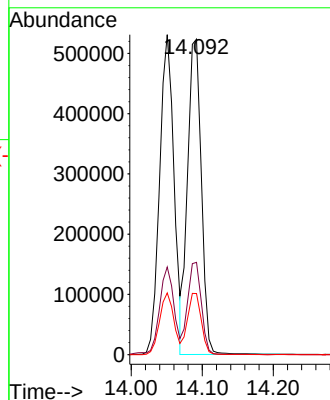
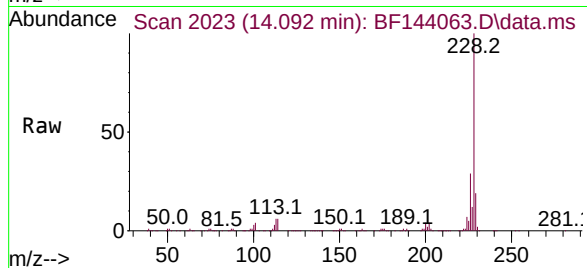
Tgt Ion:228 Resp: 708889

Ion Ratio Lower Upper

228 100

226 29.2 23.8 35.6

229 19.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.226 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

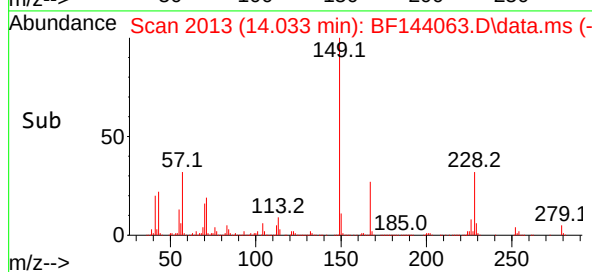
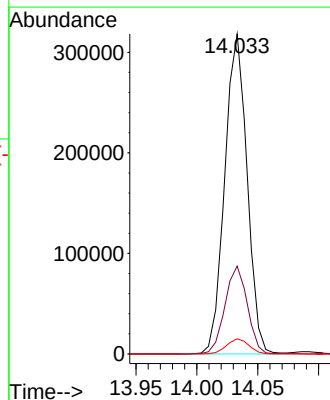
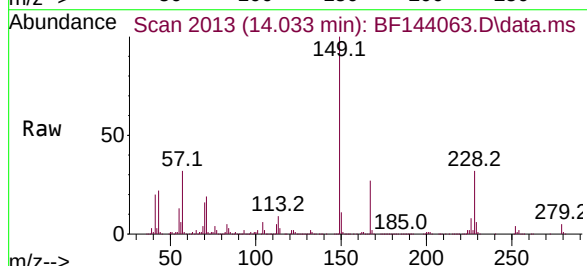
Tgt Ion:149 Resp: 406325

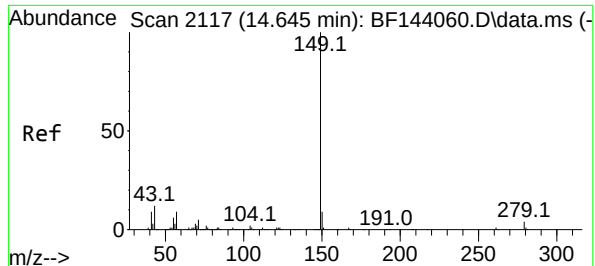
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.7 3.6 5.4

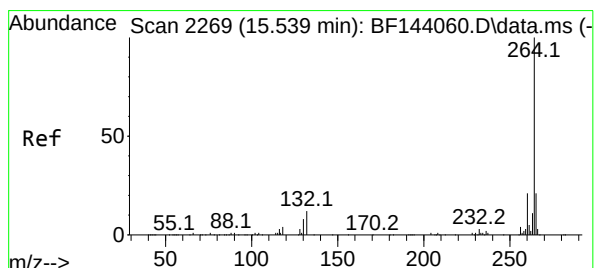
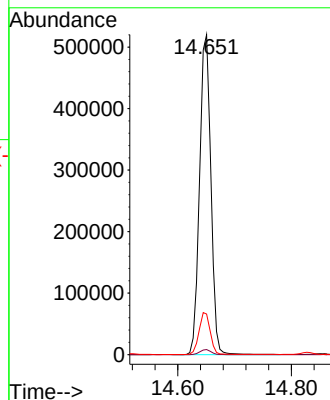
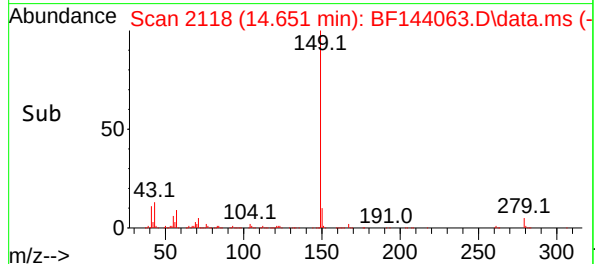
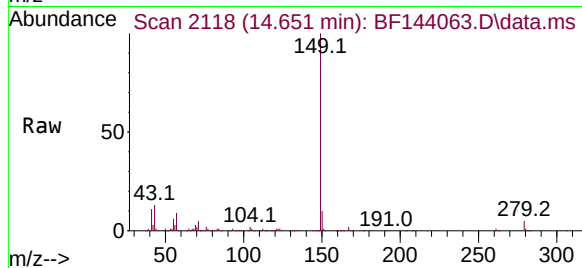




#85
Di-n-octyl phthalate
Concen: 73.894 ng
RT: 14.651 min Scan# 2118
Delta R.T. 0.006 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

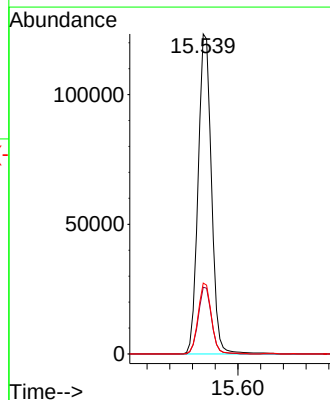
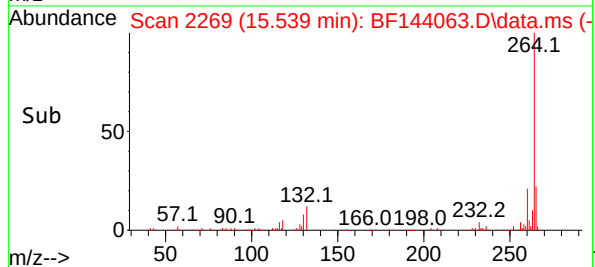
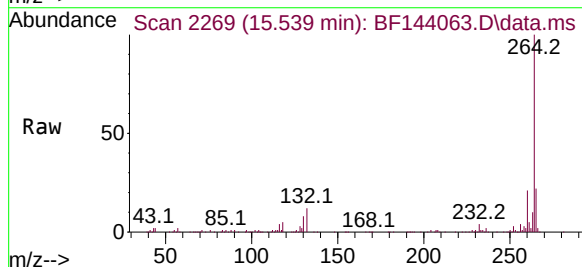
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

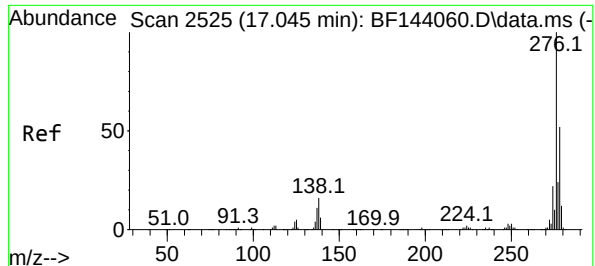
Tgt Ion:149 Resp: 714909
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.2 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:264 Resp: 200004
Ion Ratio Lower Upper
264 100
260 20.8 17.0 25.4
265 22.1 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 73.561 ng

RT: 17.062 min Scan# 2195

Delta R.T. 0.018 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

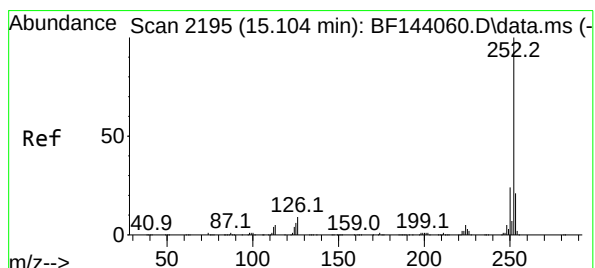
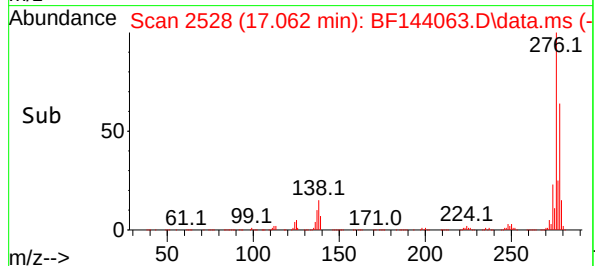
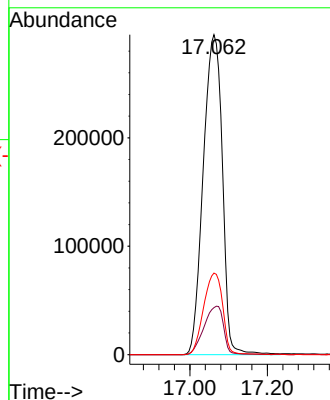
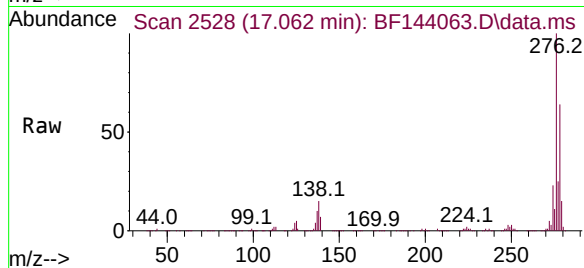
Tgt Ion:276 Resp: 1010103

Ion Ratio Lower Upper

276 100

138 15.6 13.0 19.6

277 25.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 74.302 ng

RT: 15.109 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

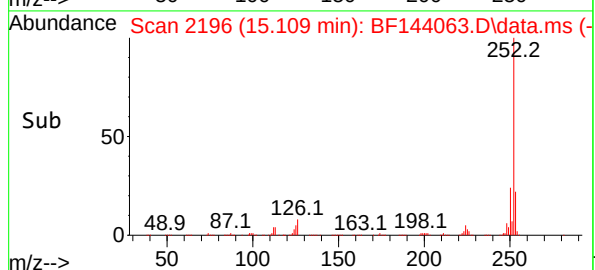
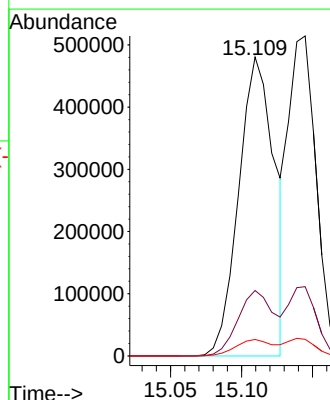
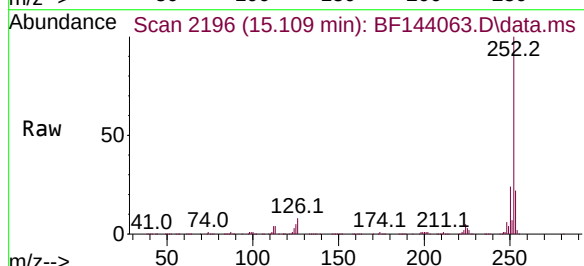
Tgt Ion:252 Resp: 840121

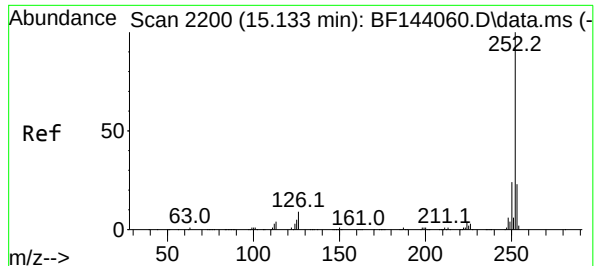
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 5.5 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 67.953 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

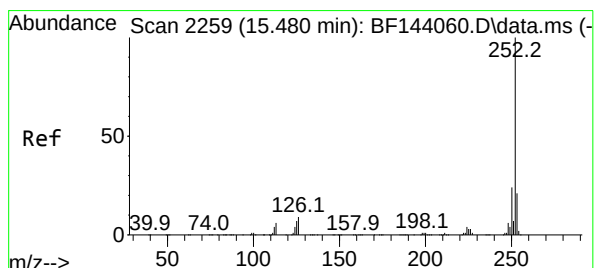
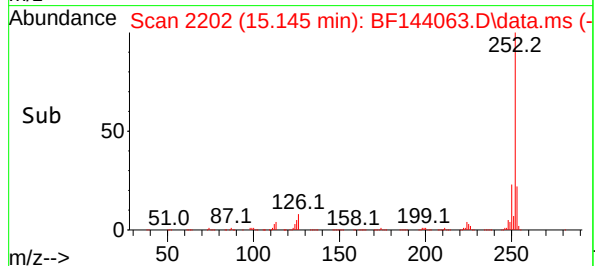
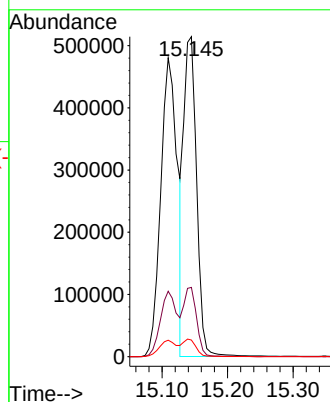
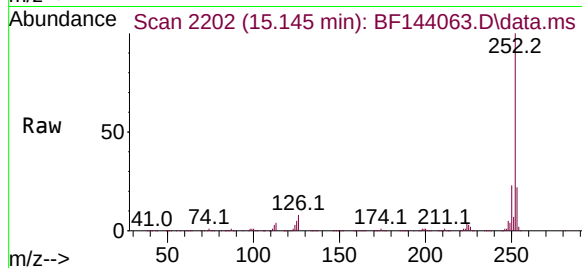
Tgt Ion:252 Resp: 708890

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 5.2 4.9 7.3



#90

Benzo(a)pyrene

Concen: 71.704 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF144063.D

Acq: 24 Oct 2025 14:32

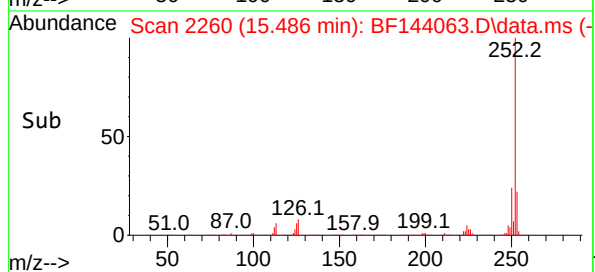
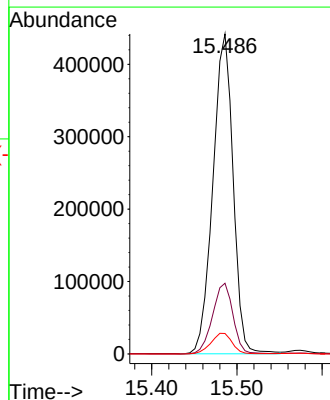
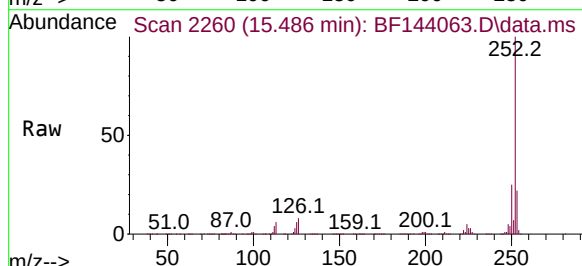
Tgt Ion:252 Resp: 727345

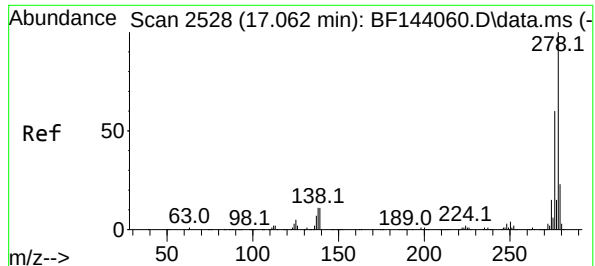
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 6.4 5.4 8.2

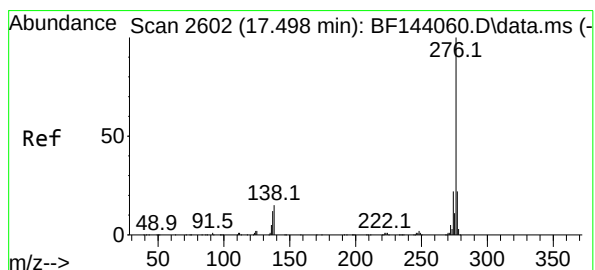
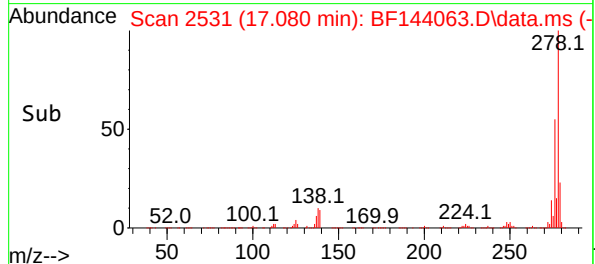
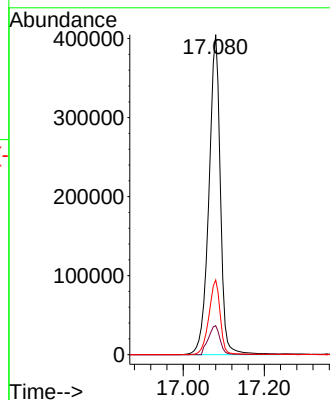
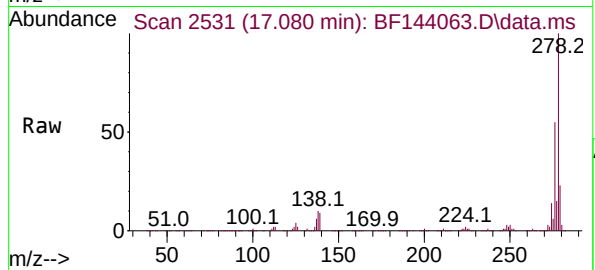




#91
Dibenzo(a,h)anthracene
Concen: 73.369 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

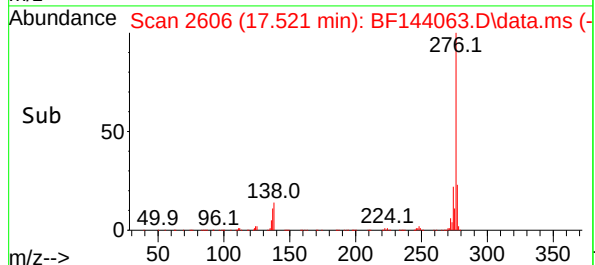
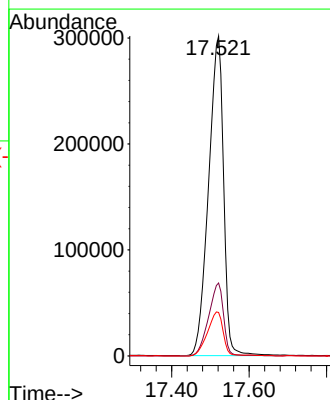
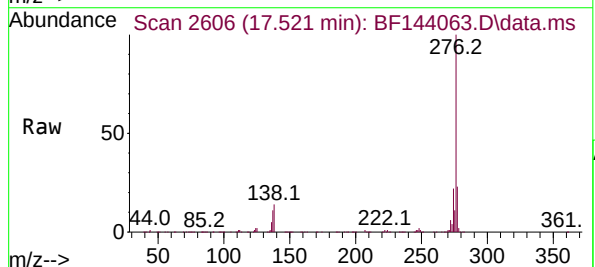
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:278 Resp: 797474
Ion Ratio Lower Upper
278 100
139 9.0 8.5 12.7
279 23.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 74.269 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.024 min
Lab File: BF144063.D
Acq: 24 Oct 2025 14:32

Tgt Ion:276 Resp: 811620
Ion Ratio Lower Upper
276 100
277 22.8 17.9 26.9
138 13.6 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144064.D
 Acq On : 24 Oct 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 24 17:06:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	40936	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	144864	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	76683	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	132038	20.000	ng	0.00
76) Chrysene-d12	14.062	240	106050	20.000	ng	0.00
86) Perylene-d12	15.539	264	140075	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	324791	125.526	ng	0.00
7) Phenol-d6	6.510	99	346692	121.325	ng	0.00
23) Nitrobenzene-d5	7.445	82	341936	129.319	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	132798	135.953	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	677674	124.361	ng	0.00
79) Terphenyl-d14	12.998	244	789728	130.186	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	70224	62.807	ng	98
3) Pyridine	3.398	79	196981	65.807	ng	97
4) n-Nitrosodimethylamine	3.351	42	124870	67.890	ng	95
6) Aniline	6.545	93	251710	61.571	ng	99
8) 2-Chlorophenol	6.663	128	154530	60.645	ng	97
9) Benzaldehyde	6.434	77	172641	77.814	ng	98
10) Phenol	6.522	94	211848	60.092	ng	92
11) bis(2-Chloroethyl)ether	6.616	93	157748	61.925	ng	100
12) 1,3-Dichlorobenzene	6.822	146	192311	61.183	ng	96
13) 1,4-Dichlorobenzene	6.898	146	193362	62.421	ng	99
14) 1,2-Dichlorobenzene	7.051	146	186696	62.289	ng	99
15) Benzyl Alcohol	7.022	79	150113	64.606	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	284081	59.335	ng	98
17) 2-Methylphenol	7.128	107	120515	61.494	ng	97
18) Hexachloroethane	7.392	117	73031	65.943	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	115863	62.701	ng	99
20) 3+4-Methylphenols	7.286	107	142326	61.433	ng	# 85
22) Acetophenone	7.292	105	198031	63.255	ng	99
24) Nitrobenzene	7.463	77	181356	64.837	ng	96
25) Isophorone	7.704	82	298273	64.523	ng	99
26) 2-Nitrophenol	7.781	139	84384	63.417	ng	92
27) 2,4-Dimethylphenol	7.810	122	127412	64.435	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	180863	62.737	ng	98
29) 2,4-Dichlorophenol	8.022	162	142524	61.979	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	151390	63.994	ng	97
31) Naphthalene	8.186	128	427166	62.477	ng	99
32) Benzoic acid	7.928	122	73142	58.314	ng	85
33) 4-Chloroaniline	8.233	127	149397	62.767	ng	98
34) Hexachlorobutadiene	8.298	225	128615	66.488	ng	98
35) Caprolactam	8.604	113	37413	64.879	ng	89
36) 4-Chloro-3-methylphenol	8.710	107	128805	63.473	ng	94
37) 2-Methylnaphthalene	8.875	142	276923	61.432	ng	96
38) 1-Methylnaphthalene	8.975	142	265532	62.174	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	164703	62.495	ng	99
41) Hexachlorocyclopentadiene	9.027	237	62879	77.248	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	111523	65.103	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144064.D
 Acq On : 24 Oct 2025 16:24
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Oct 24 17:06:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:52:41 2025
 Response via : Initial Calibration

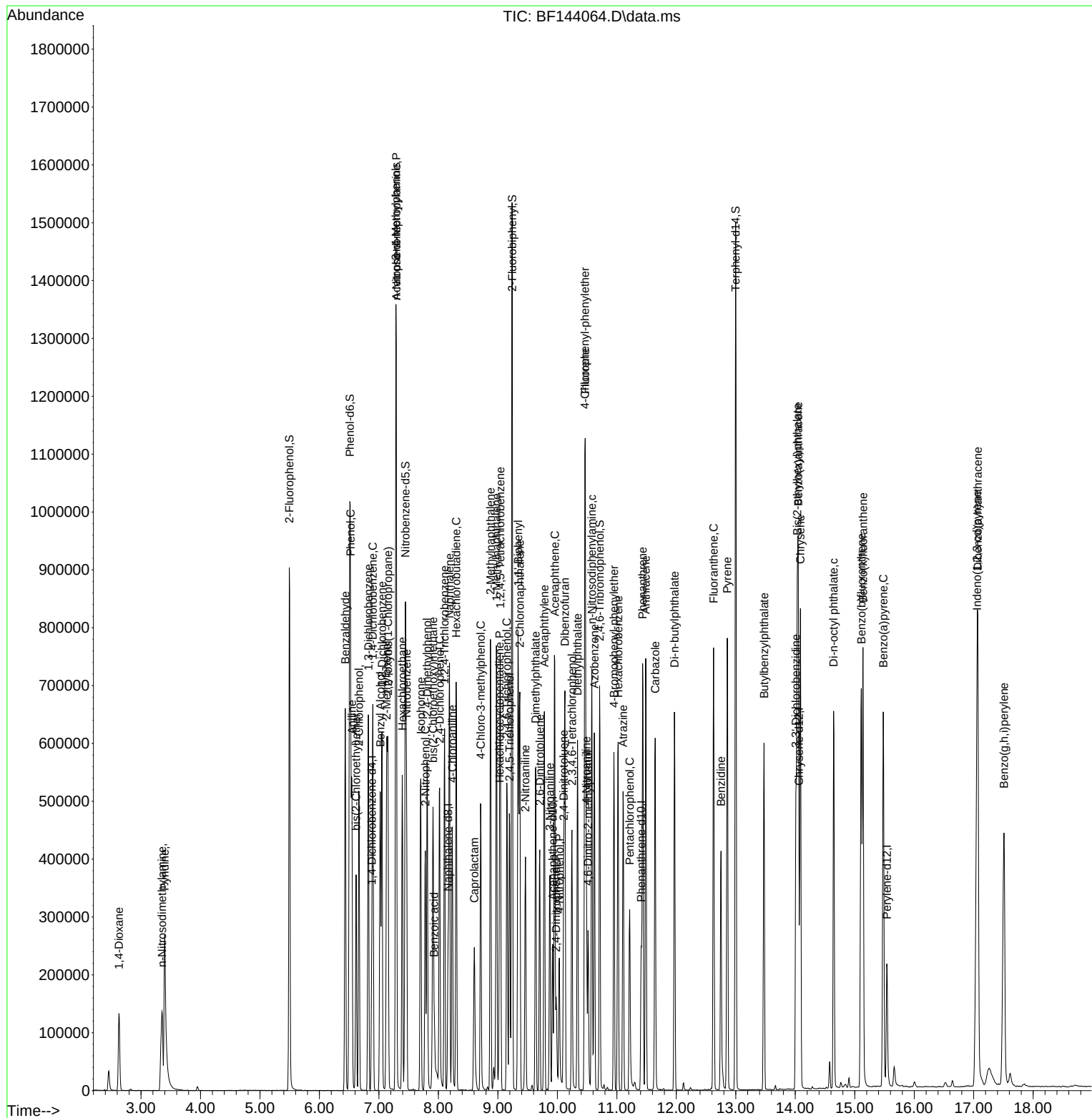
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	117536	65.377	ng	96
46) 1,1'-Biphenyl	9.339	154	338254	61.621	ng	100
47) 2-Chloronaphthalene	9.369	162	287490	62.514	ng	99
48) 2-Nitroaniline	9.463	65	91867	67.272	ng	97
49) Acenaphthylene	9.780	152	383800	61.895	ng	99
50) Dimethylphthalate	9.633	163	319101	63.485	ng	100
51) 2,6-Dinitrotoluene	9.704	165	66198	66.619	ng	97
52) Acenaphthene	9.957	154	258125	62.331	ng	98
53) 3-Nitroaniline	9.874	138	69206	62.642	ng	93
54) 2,4-Dinitrophenol	9.980	184	31982	59.508	ng	88
55) Dibenzofuran	10.127	168	353228	61.440	ng	99
56) 4-Nitrophenol	10.033	139	46485	62.136	ng	95
57) 2,4-Dinitrotoluene	10.104	165	89630	66.833	ng	94
58) Fluorene	10.469	166	267202	60.997	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.245	232	84250	66.502	ng	# 96
60) Diethylphthalate	10.339	149	303176	64.138	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	155019	62.927	ng	99
62) 4-Nitroaniline	10.486	138	68899	65.819	ng	90
63) Azobenzene	10.621	77	288180	64.412	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	52340	61.785	ng	91
66) n-Nitrosodiphenylamine	10.580	169	261183	61.911	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	106864	64.641	ng	97
68) Hexachlorobenzene	11.021	284	129804	64.021	ng	98
69) Atrazine	11.104	200	93028	67.200	ng	96
70) Pentachlorophenol	11.216	266	66439	68.842	ng	98
71) Phenanthrene	11.433	178	413305	63.013	ng	98
72) Anthracene	11.486	178	421890	62.266	ng	99
73) Carbazole	11.645	167	359155	62.276	ng	97
74) Di-n-butylphthalate	11.968	149	449708	63.601	ng	99
75) Fluoranthene	12.627	202	462087	63.767	ng	99
77) Benzidine	12.751	184	250383	75.863	ng	99
78) Pyrene	12.857	202	483140	63.369	ng	99
80) Butylbenzylphthalate	13.474	149	189412	65.668	ng	99
81) Benzo(a)anthracene	14.051	228	474589	66.219	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	168368	67.487	ng	99
83) Chrysene	14.086	228	434514	64.608	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	258560	65.663	ng	99
85) Di-n-octyl phthalate	14.645	149	439771	64.942	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	630927	65.606	ng	98
88) Benzo(b)fluoranthene	15.109	252	483612	61.071	ng	98
89) Benzo(k)fluoranthene	15.139	252	486238	66.551	ng	99
90) Benzo(a)pyrene	15.480	252	456250	64.222	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	502376	65.994	ng	99
92) Benzo(g,h,i)perylene	17.509	276	500846	65.439	ng	98

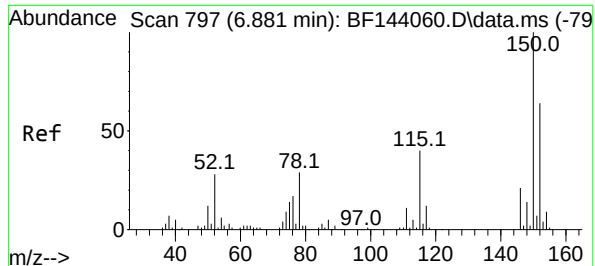
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144064.D  
Acq On    : 24 Oct 2025 16:24  
Operator  : RC/JU  
Sample    : SSTDICC060  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Oct 24 17:06:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:52:41 2025
Response via : Initial Calibration

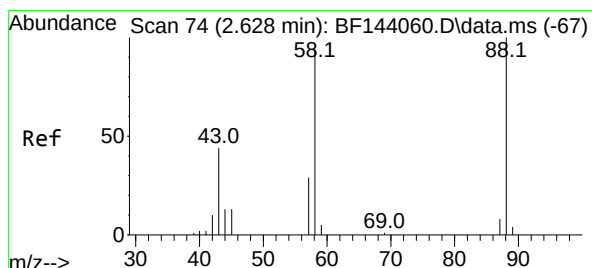
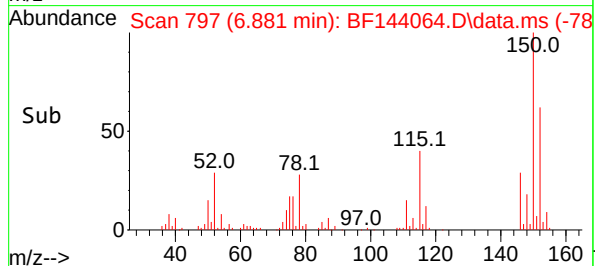
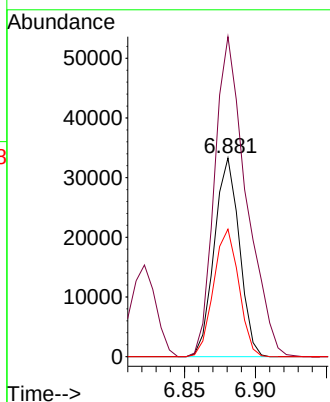
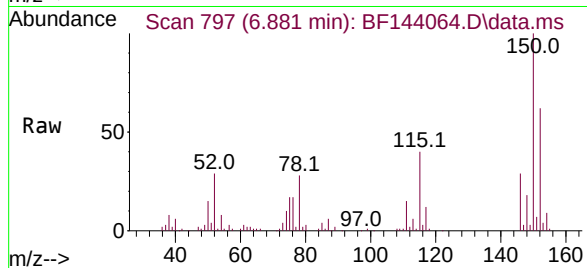




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

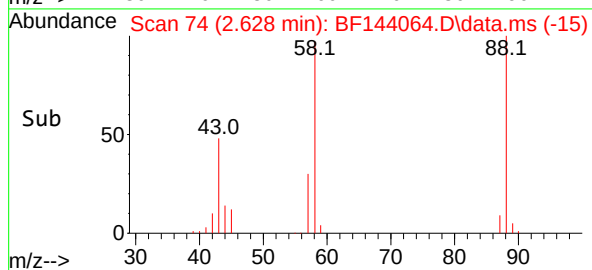
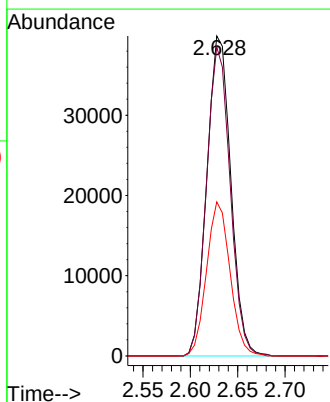
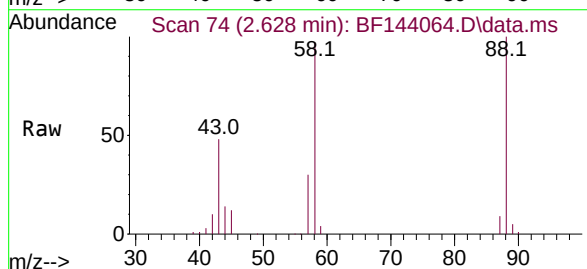
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

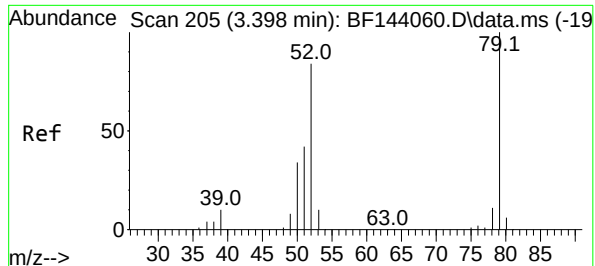
Tgt Ion:152 Resp: 40936
Ion Ratio Lower Upper
152 100
150 161.1 124.4 186.6
115 64.2 49.4 74.0



#2
1,4-Dioxane
Concen: 62.807 ng
RT: 2.628 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 88 Resp: 70224
Ion Ratio Lower Upper
88 100
58 95.3 76.5 114.7
43 47.2 35.3 52.9





#3

Pyridine

Concen: 65.807 ng

RT: 3.398 min Scan# 205

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

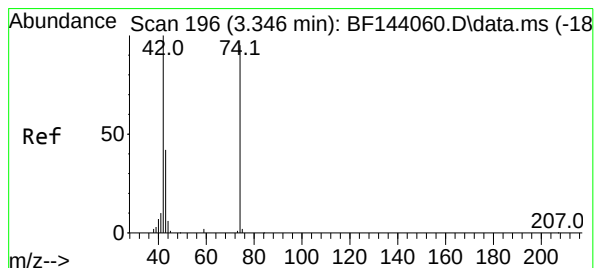
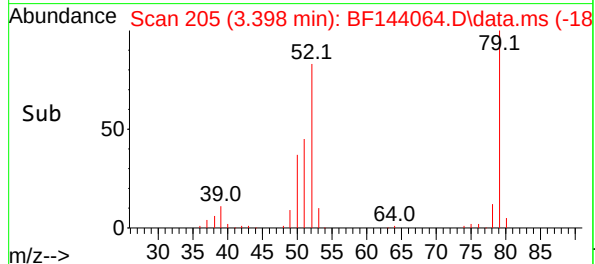
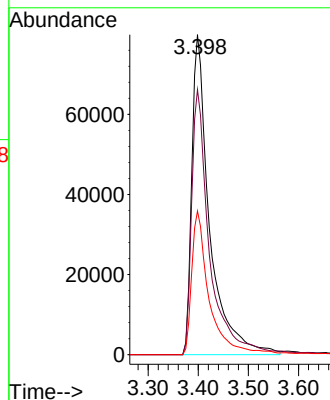
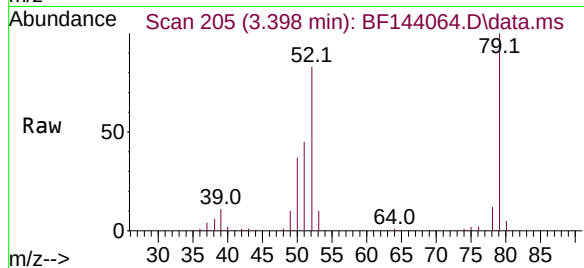
Tgt Ion: 79 Resp: 196981

Ion Ratio Lower Upper

79 100

52 82.8 67.5 101.3

51 44.9 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 67.890 ng

RT: 3.351 min Scan# 197

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

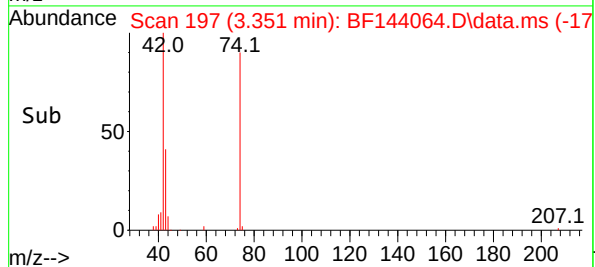
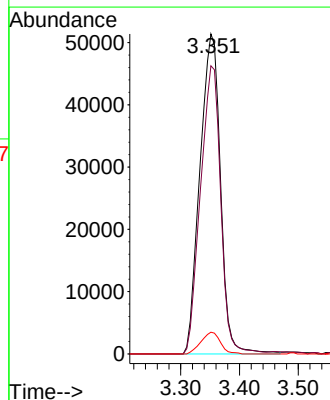
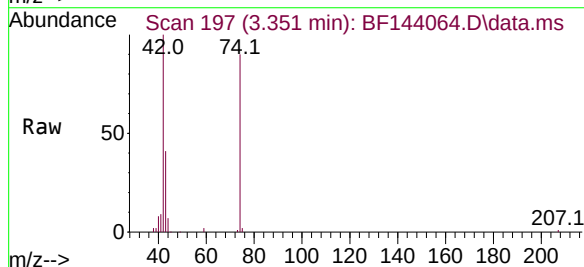
Tgt Ion: 42 Resp: 124870

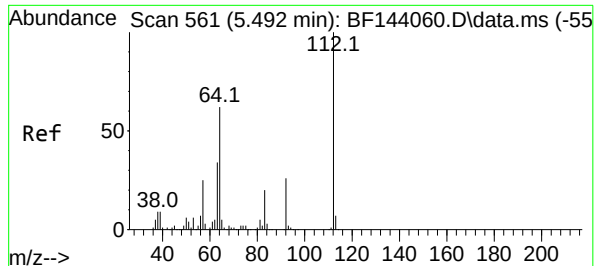
Ion Ratio Lower Upper

42 100

74 90.0 76.4 114.6

44 6.8 5.2 7.8

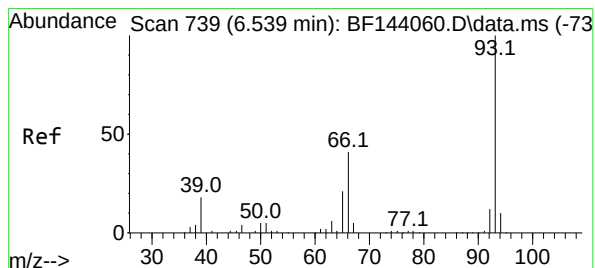
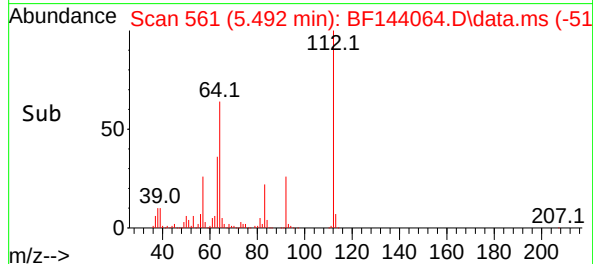
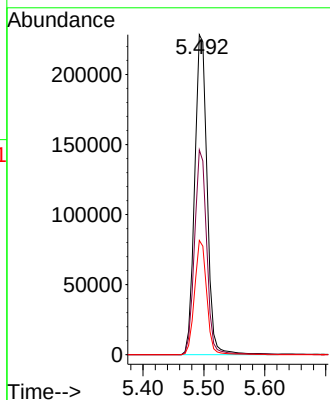
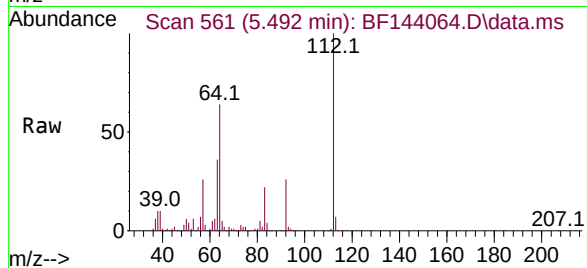




#5
2-Fluorophenol
Concen: 125.526 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

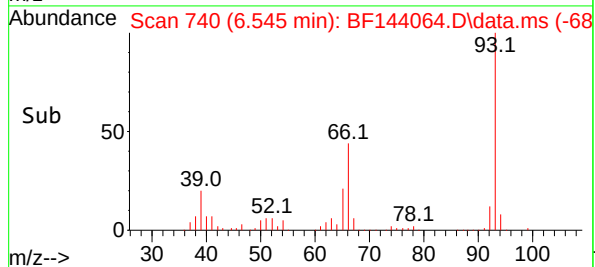
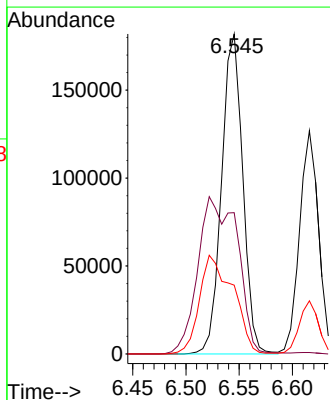
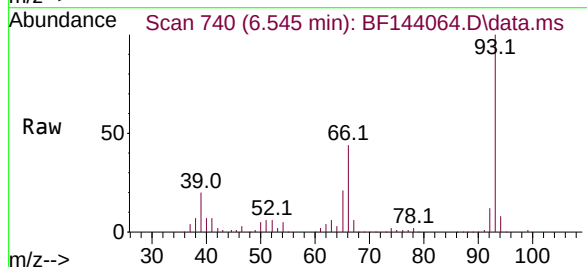
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

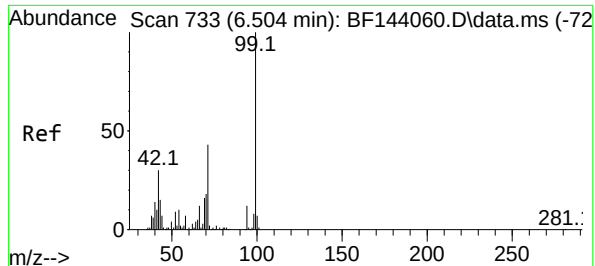
Tgt Ion:112 Resp: 324791
Ion Ratio Lower Upper
112 100
64 64.0 49.8 74.8
63 35.7 27.4 41.2



#6
Aniline
Concen: 61.571 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 93 Resp: 251710
Ion Ratio Lower Upper
93 100
66 44.1 35.7 53.5
65 21.5 17.0 25.6

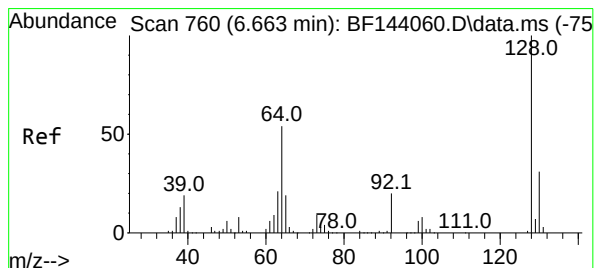
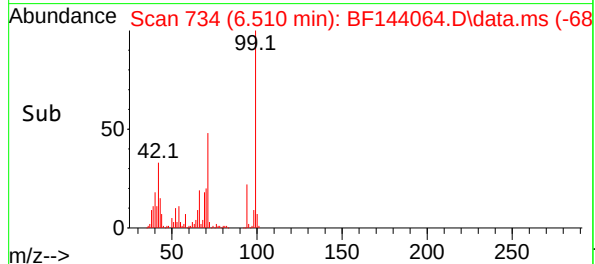
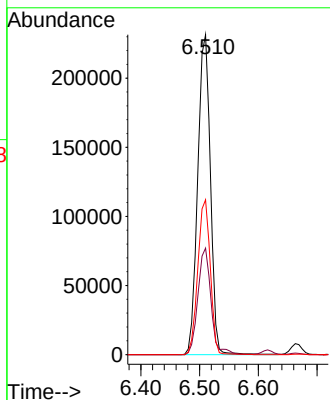
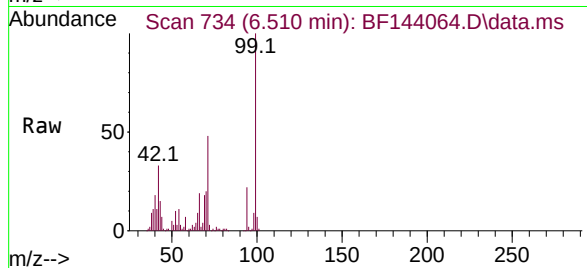




#7
Phenol-d6
Concen: 121.325 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

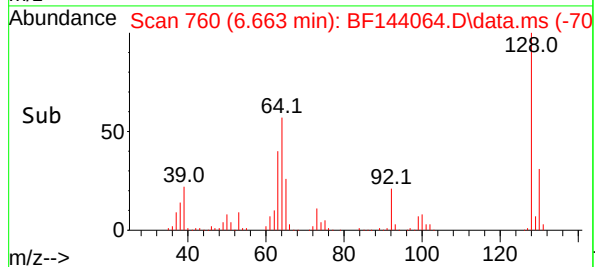
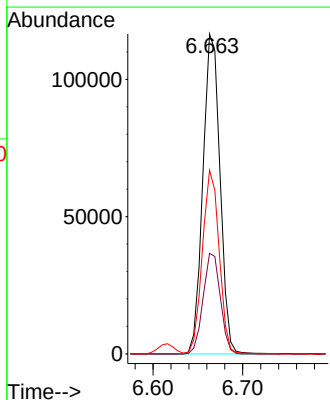
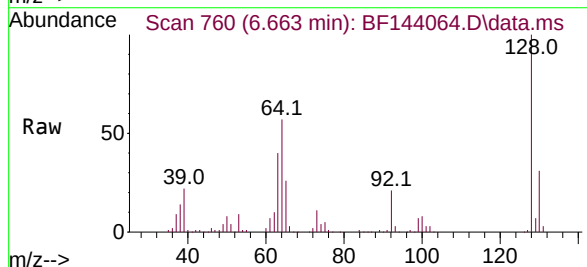
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

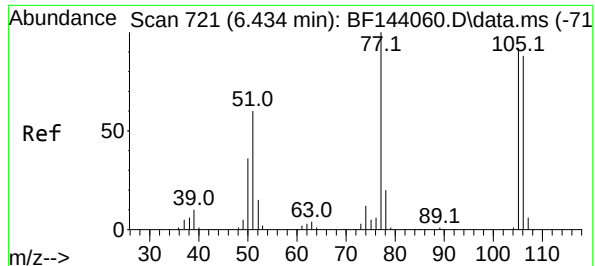
Tgt Ion: 99 Resp: 346692
Ion Ratio Lower Upper
99 100
42 33.3 23.9 35.9
71 48.4 34.4 51.6



#8
2-Chlorophenol
Concen: 60.645 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 128 Resp: 154530
Ion Ratio Lower Upper
128 100
130 31.4 10.7 50.7
64 57.4 34.7 74.7





#9

Benzaldehyde

Concen: 77.814 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

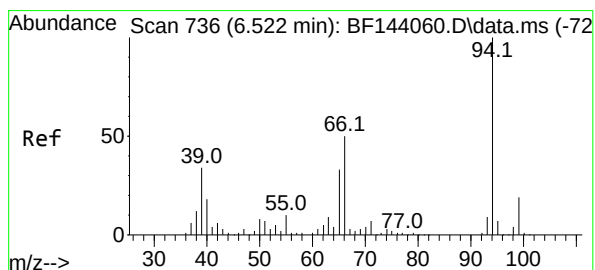
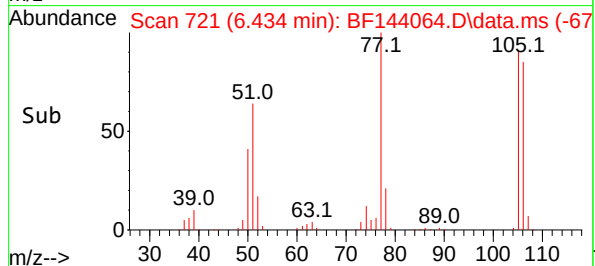
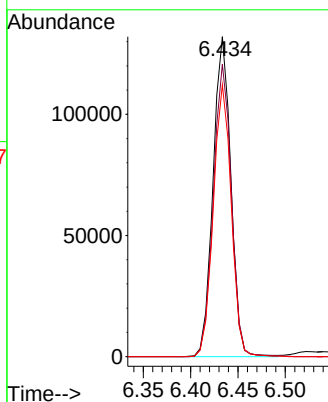
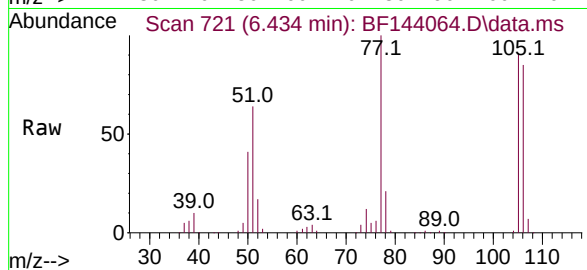
Tgt Ion: 77 Resp: 172641

Ion Ratio Lower Upper

77 100

105 91.4 72.2 112.2

106 84.9 67.9 107.9



#10

Phenol

Concen: 60.092 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

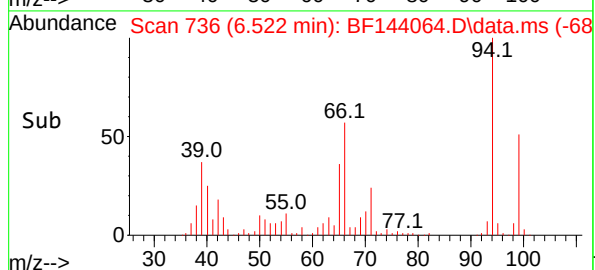
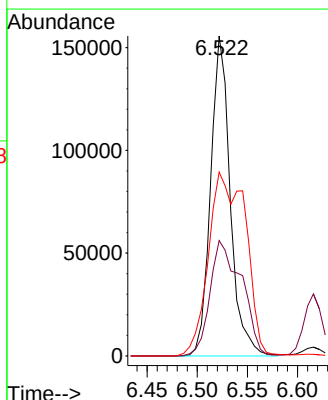
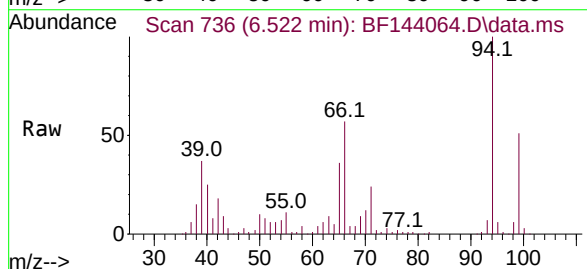
Tgt Ion: 94 Resp: 211848

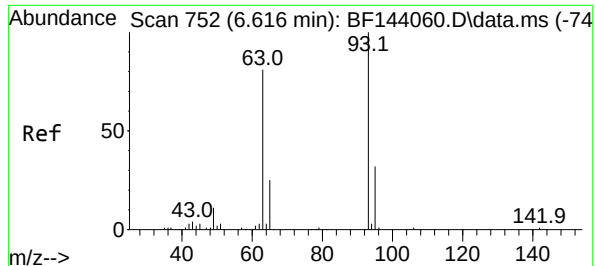
Ion Ratio Lower Upper

94 100

65 36.0 13.1 53.1

66 57.4 30.6 70.6

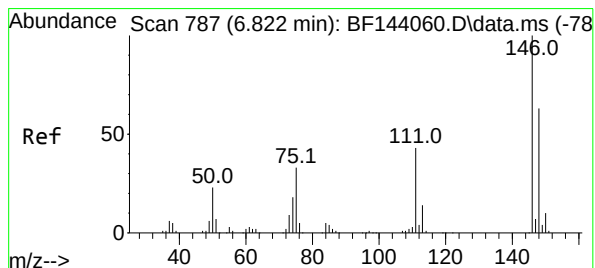
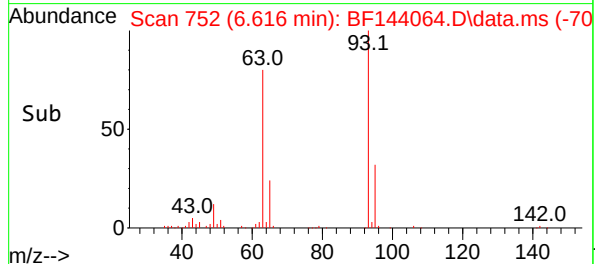
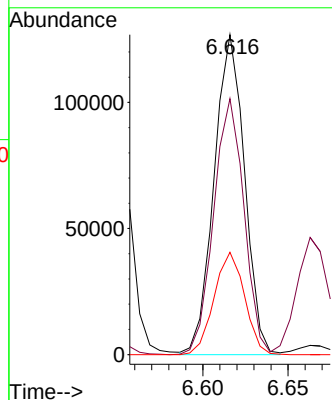
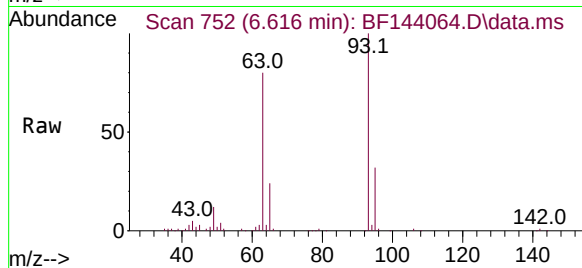




#11
bis(2-Chloroethyl)ether
Concen: 61.925 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

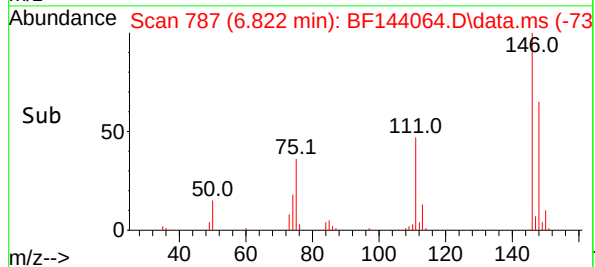
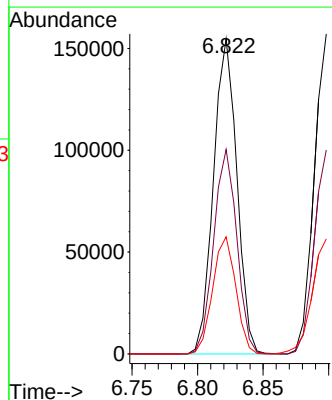
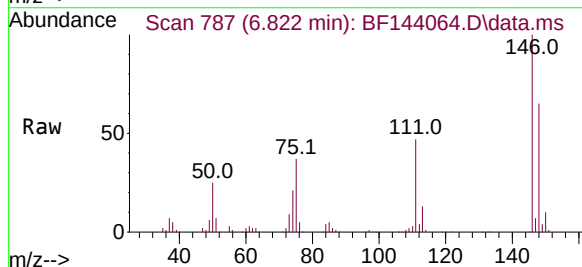
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

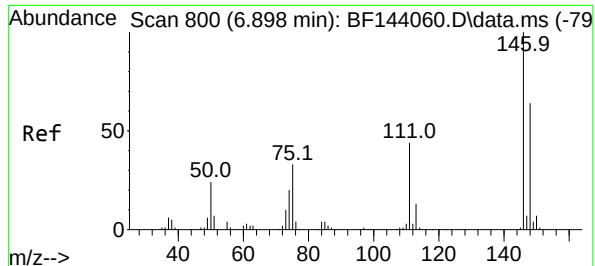
Tgt Ion: 93 Resp: 157748
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 61.183 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 146 Resp: 192311
Ion Ratio Lower Upper
146 100
148 64.9 50.6 75.8
75 37.1 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 62.421 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

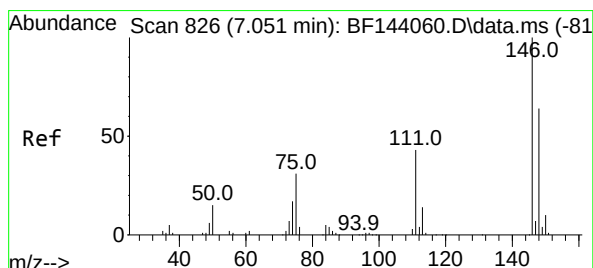
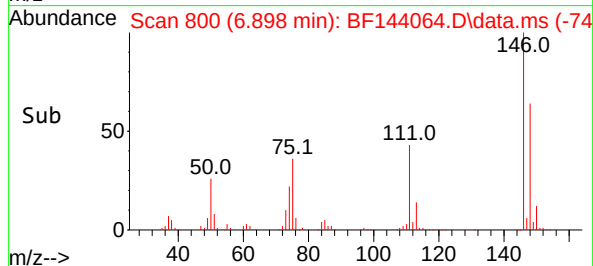
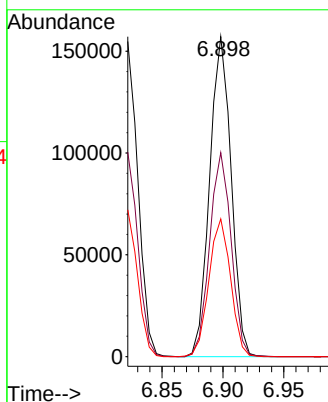
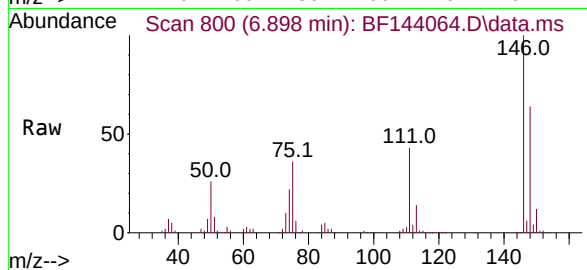
Tgt Ion:146 Resp: 193362

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 43.0 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 62.289 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

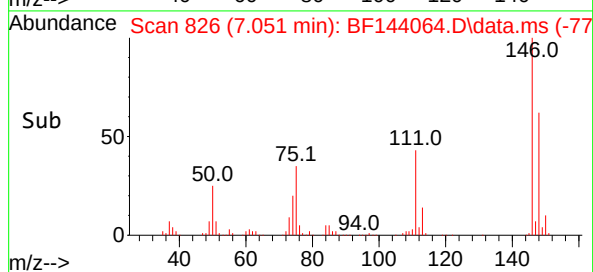
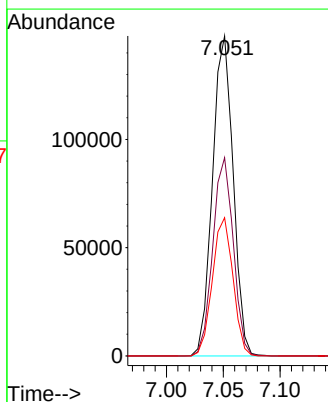
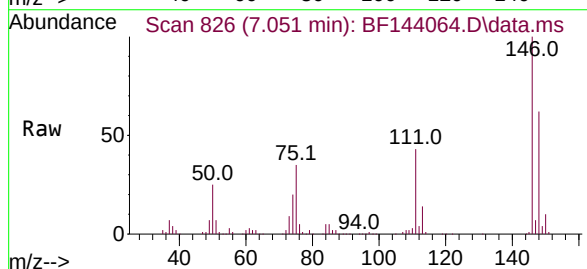
Tgt Ion:146 Resp: 186696

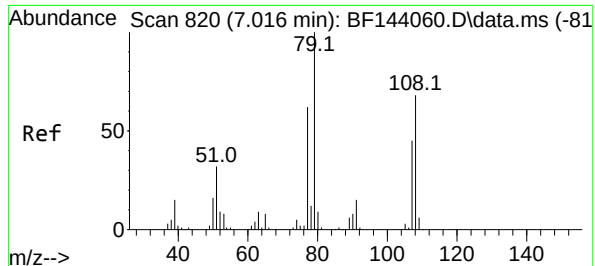
Ion Ratio Lower Upper

146 100

148 61.9 50.8 76.2

111 43.2 34.7 52.1

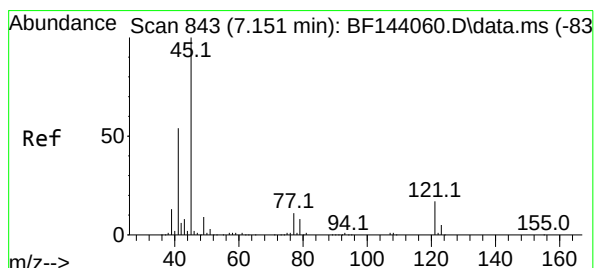
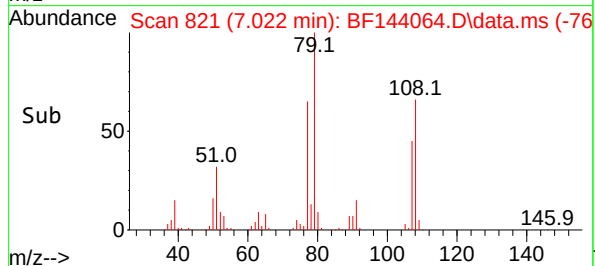
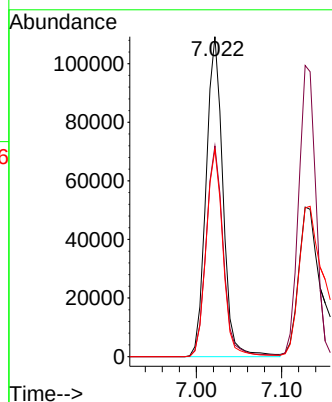
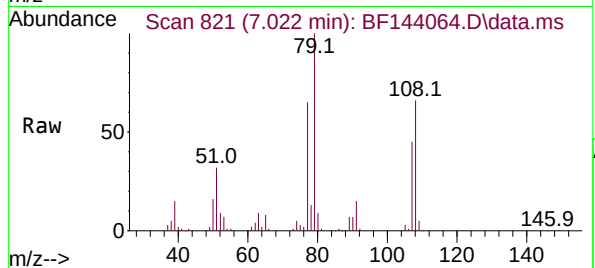




#15
Benzyl Alcohol
Concen: 64.606 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

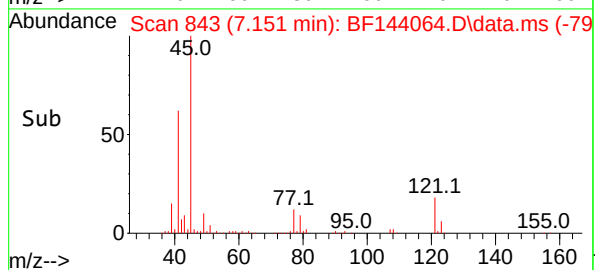
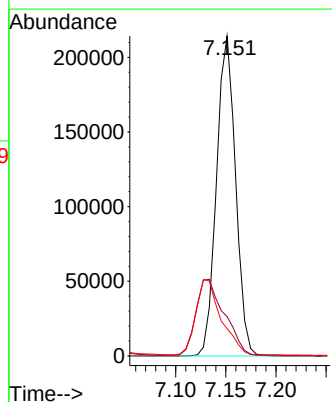
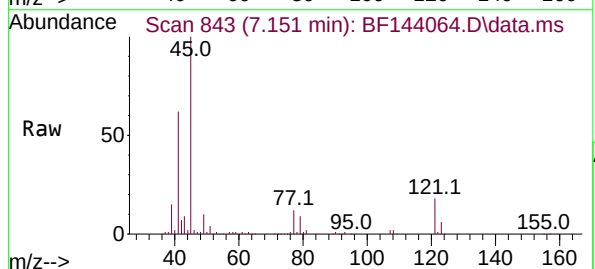
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

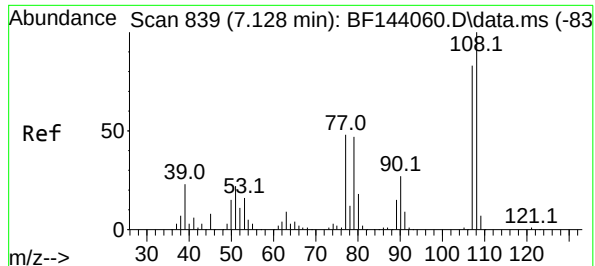
Tgt Ion: 79 Resp: 150113
Ion Ratio Lower Upper
79 100
108 65.8 54.8 82.2
77 64.7 49.4 74.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.335 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 45 Resp: 284081
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.9
79 8.5 0.0 28.2

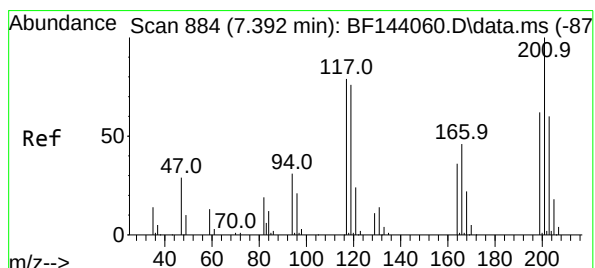
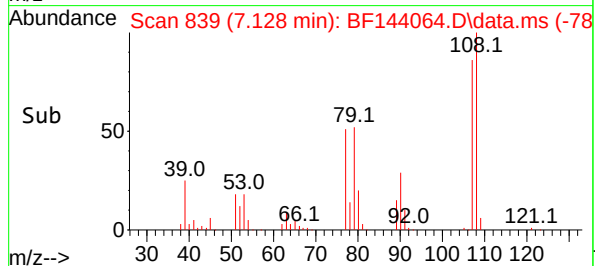
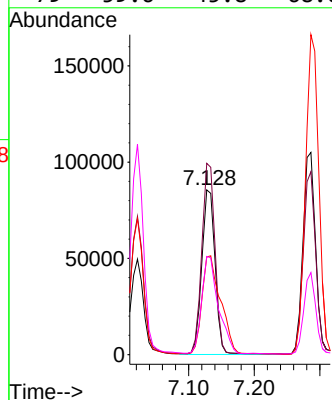
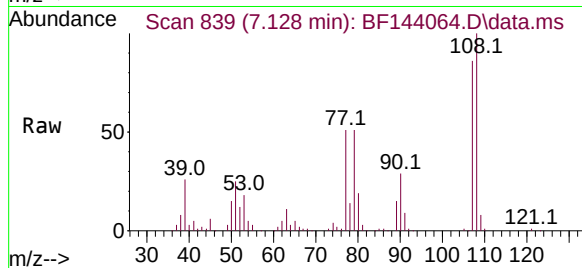




#17
2-Methylphenol
Concen: 61.494 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

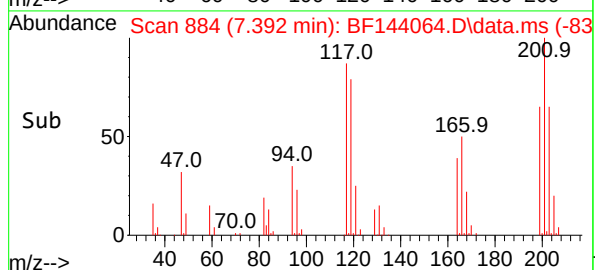
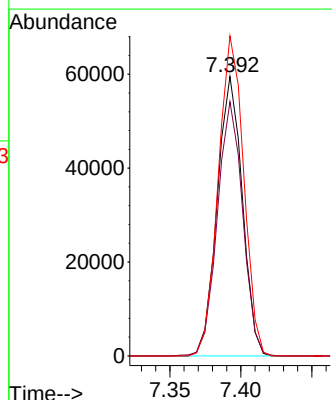
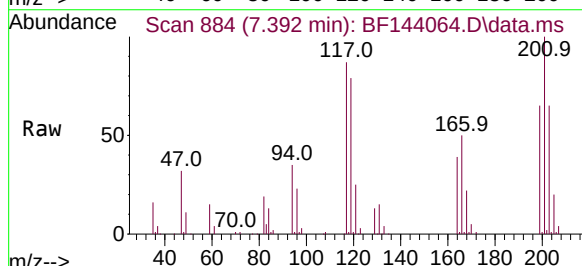
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

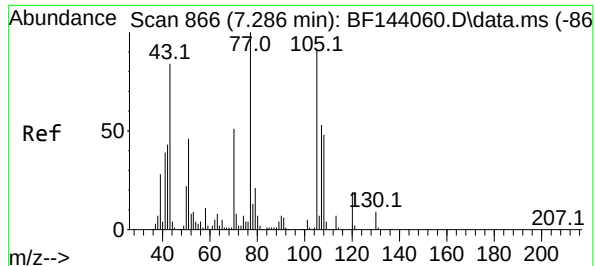
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.1	96.4	144.6
77	59.3	46.8	70.2
79	59.6	45.8	68.6



#18
Hexachloroethane
Concen: 65.943 ng
RT: 7.392 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.6	115.0
201	114.5	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 62.701 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144064.D

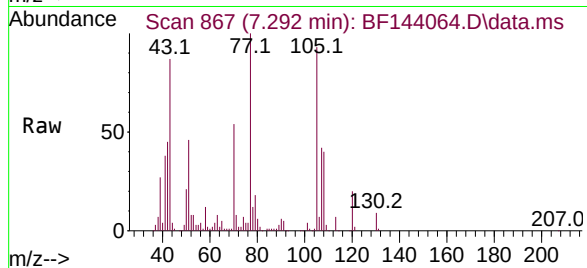
Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion: 70 Resp: 115863

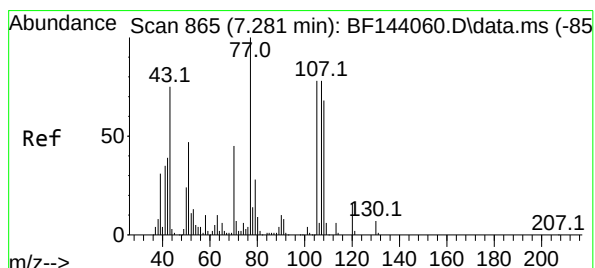
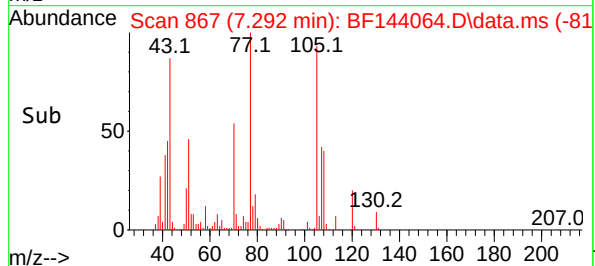
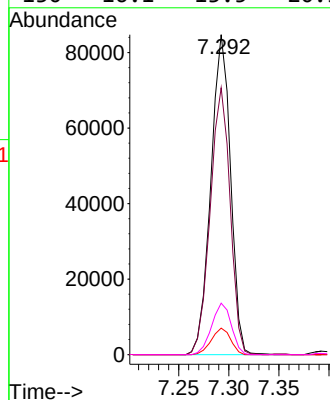
Ion Ratio Lower Upper

70 100

42 83.4 67.4 101.0

101 8.3 7.1 10.7

130 16.1 13.5 20.3



#20

3+4-Methylphenols

Concen: 61.433 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion: 107 Resp: 142326

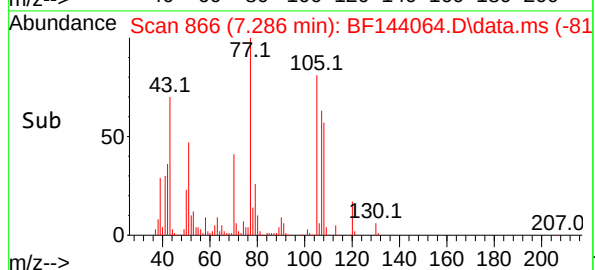
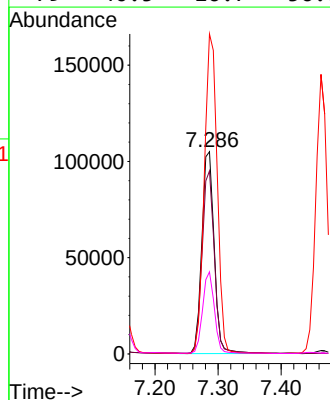
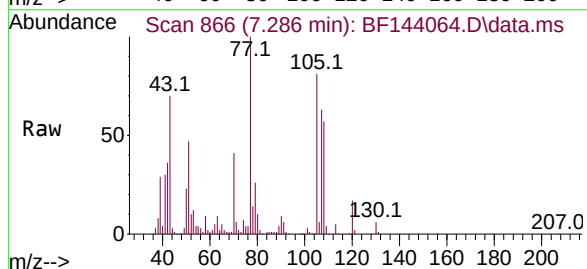
Ion Ratio Lower Upper

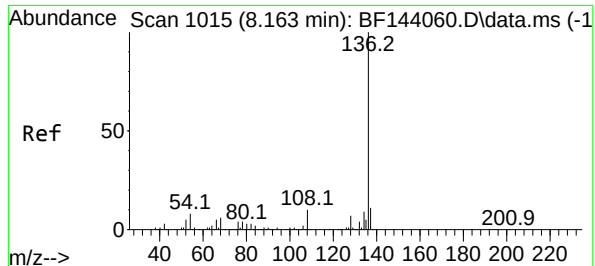
107 100

108 90.5 68.0 108.0

77 158.2 108.7 148.7#

79 40.5 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:136 Resp: 144864

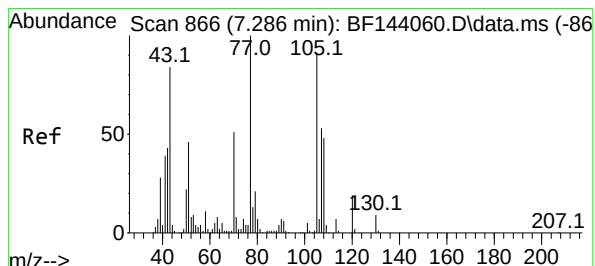
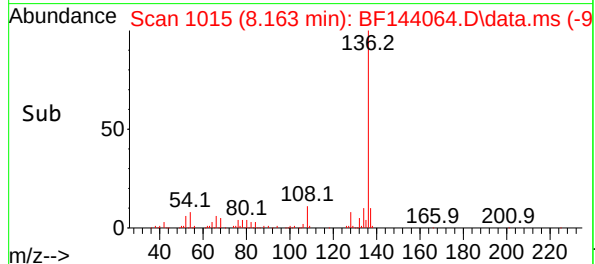
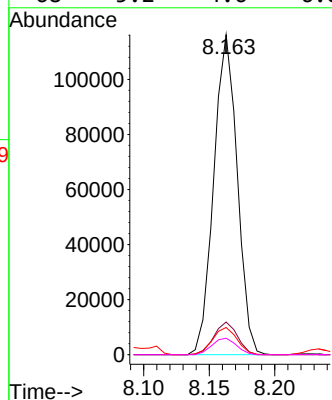
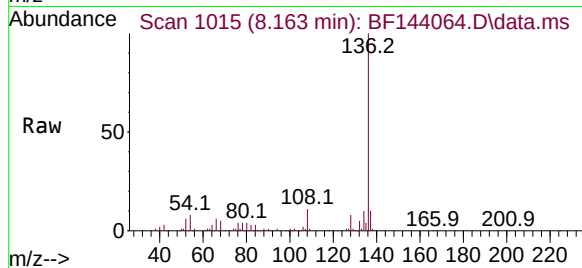
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 8.5 6.6 9.8

68 5.2 4.6 6.8



#22

Acetophenone

Concen: 63.255 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:105 Resp: 198031

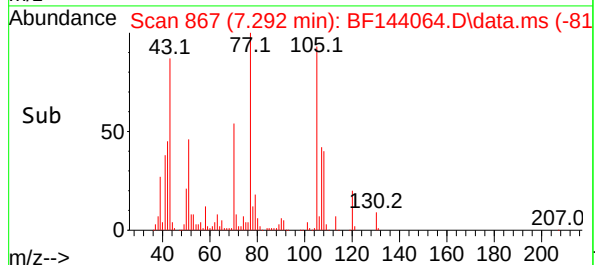
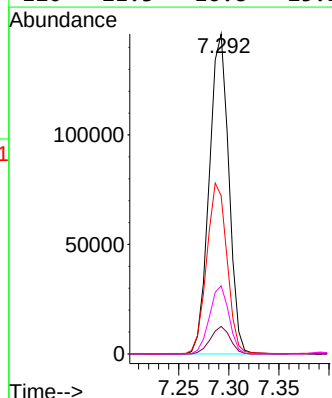
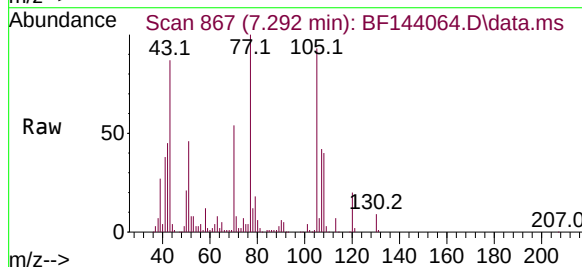
Ion Ratio Lower Upper

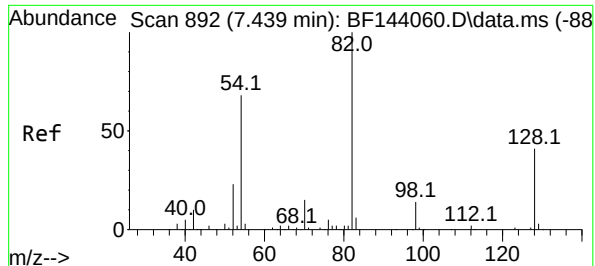
105 100

71 8.6 6.9 10.3

51 49.4 40.6 60.8

120 21.3 16.8 25.2

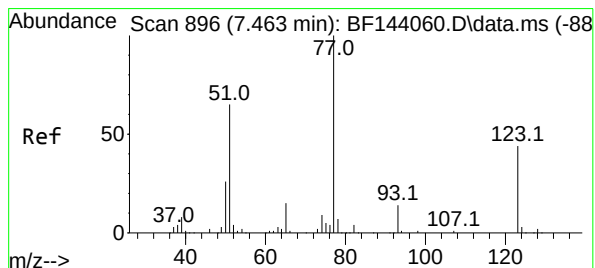
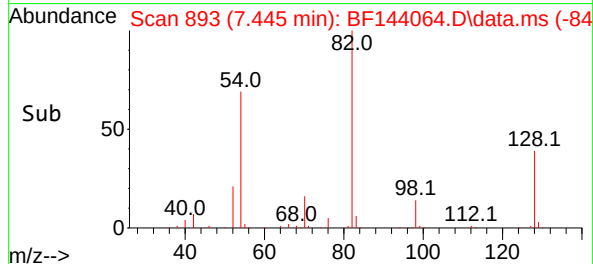
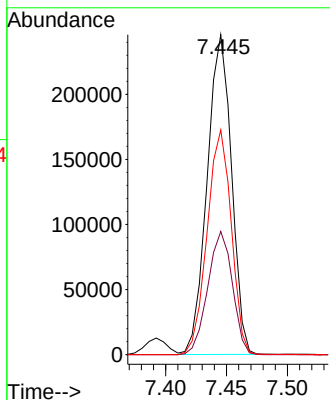
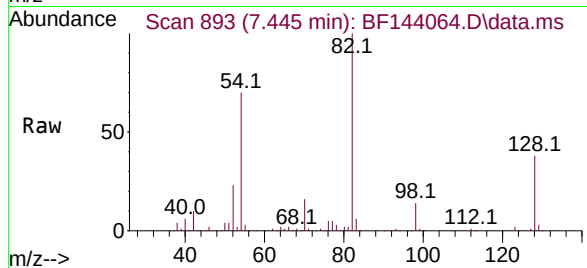




#23
Nitrobenzene-d5
Concen: 129.319 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

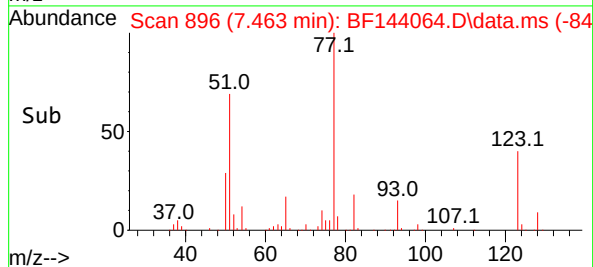
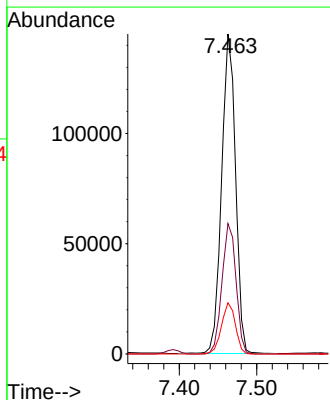
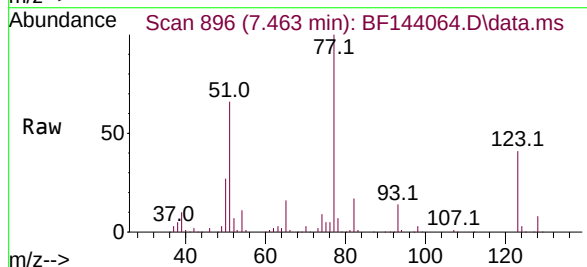
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

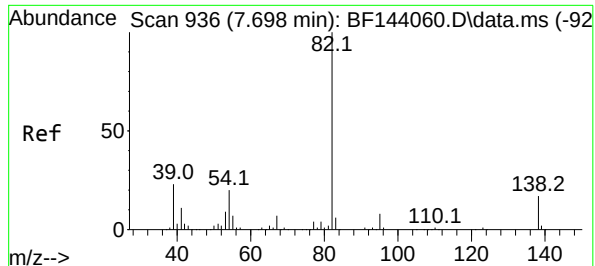
Tgt Ion: 82 Resp: 341936
Ion Ratio Lower Upper
82 100
128 38.5 32.4 48.6
54 70.2 54.0 81.0



#24
Nitrobenzene
Concen: 64.837 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 77 Resp: 181356
Ion Ratio Lower Upper
77 100
123 40.7 35.0 52.6
65 16.0 12.2 18.2

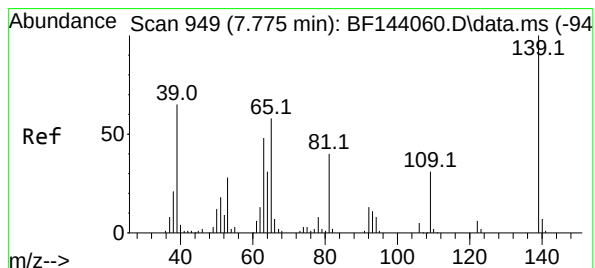
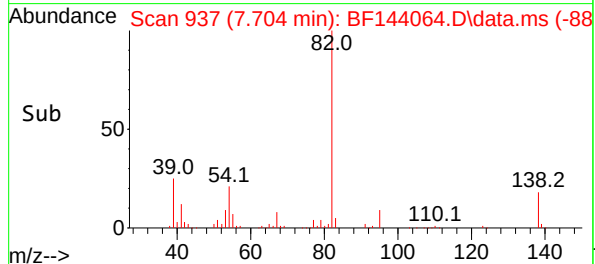
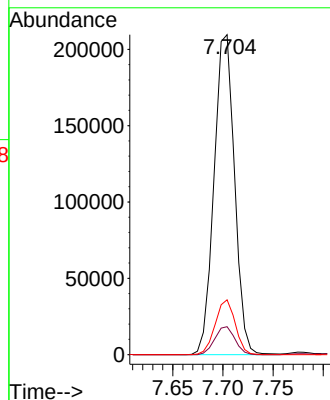
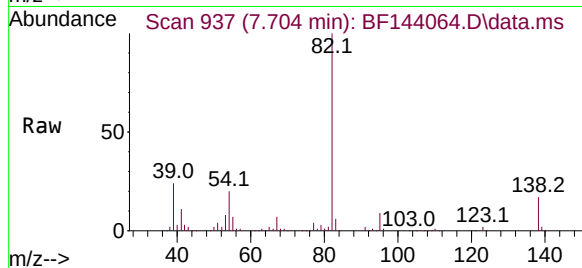




#25
Isophorone
Concen: 64.523 ng
RT: 7.704 min Scan# 936
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

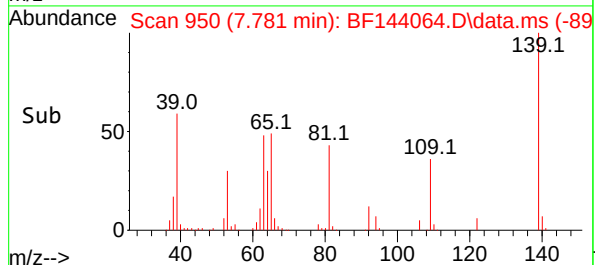
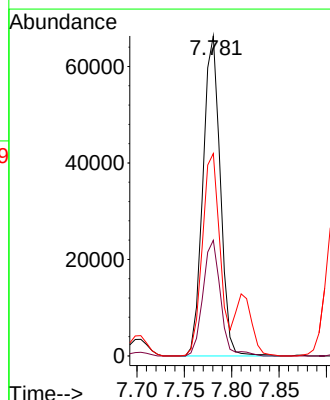
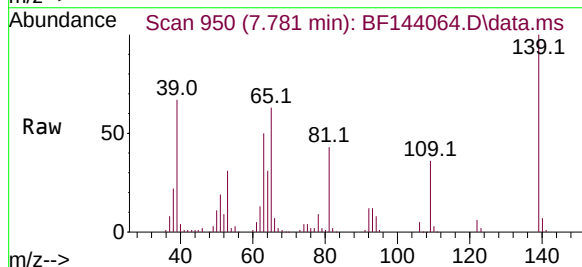
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

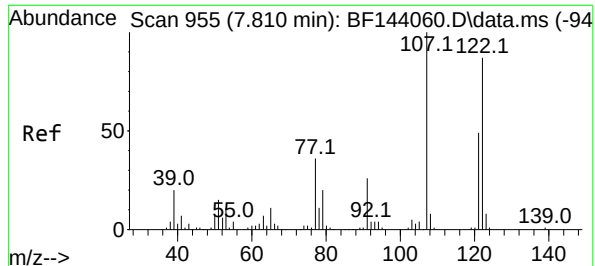
Tgt Ion: 82 Resp: 298273
Ion Ratio Lower Upper
82 100
95 8.7 6.6 9.8
138 17.1 13.8 20.8



#26
2-Nitrophenol
Concen: 63.417 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 139 Resp: 84384
Ion Ratio Lower Upper
139 100
109 36.1 24.6 37.0
65 63.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 64.435 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

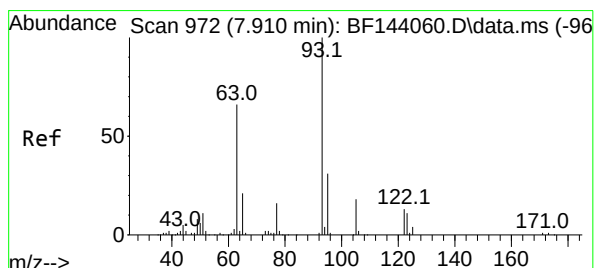
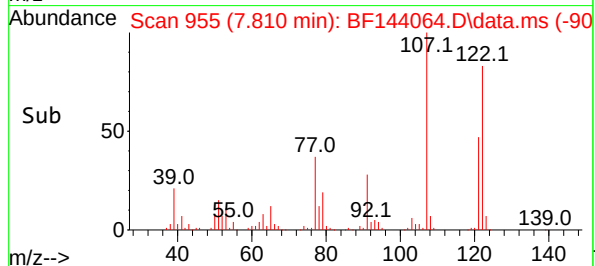
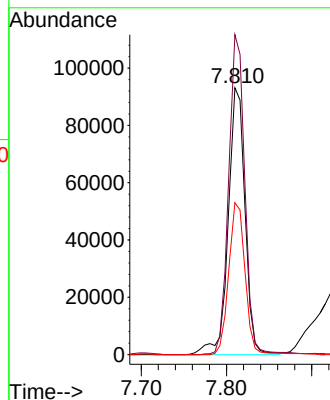
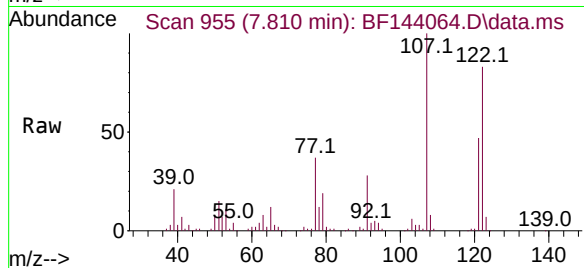
Tgt Ion:122 Resp: 127412

Ion Ratio Lower Upper

122 100

107 120.0 91.8 137.8

121 56.9 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 62.737 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

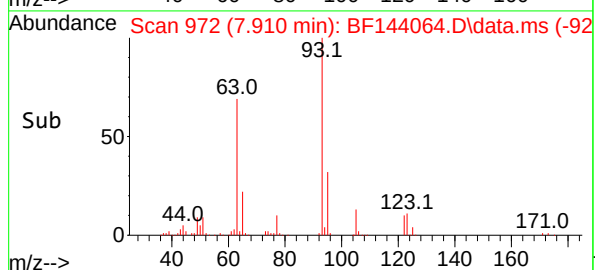
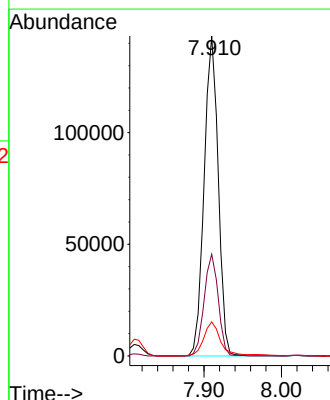
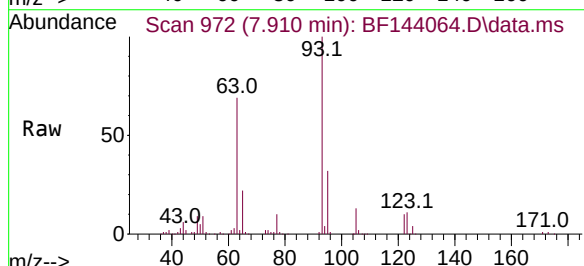
Tgt Ion: 93 Resp: 180863

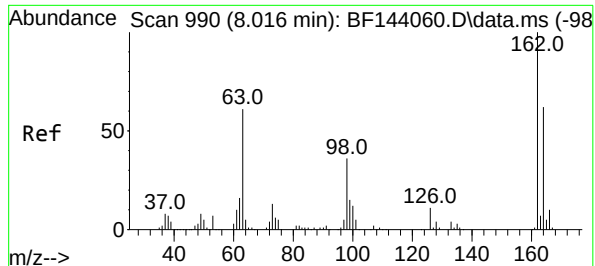
Ion Ratio Lower Upper

93 100

95 31.8 24.6 36.8

123 10.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 61.979 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

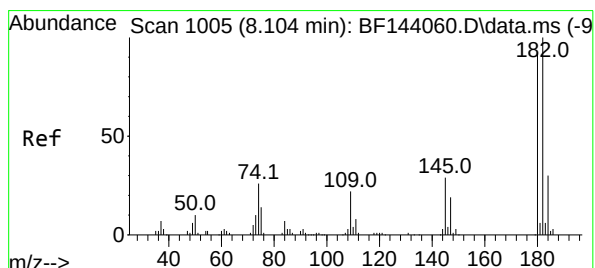
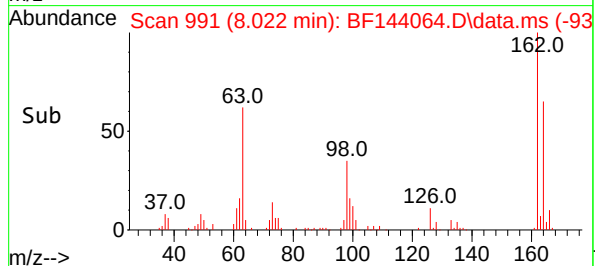
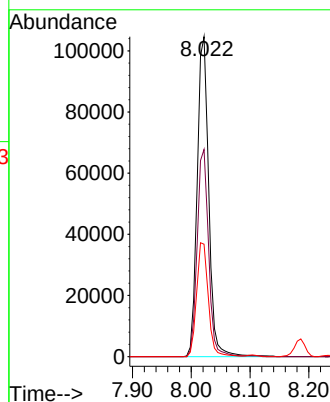
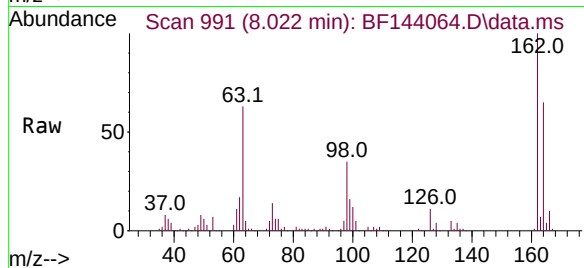
Tgt Ion:162 Resp: 142524

Ion Ratio Lower Upper

162 100

164 64.7 42.1 82.1

98 35.1 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 63.994 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

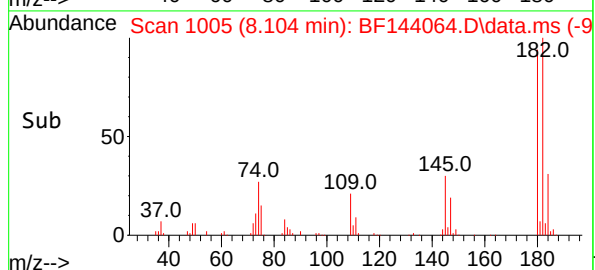
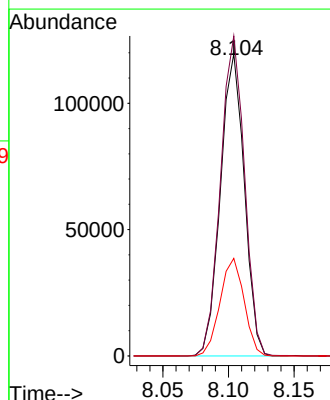
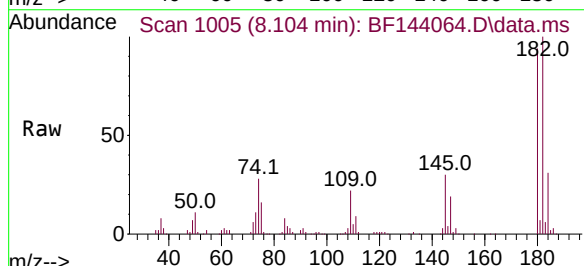
Tgt Ion:180 Resp: 151390

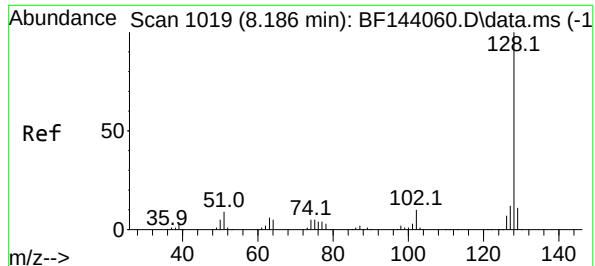
Ion Ratio Lower Upper

180 100

182 105.9 87.1 130.7

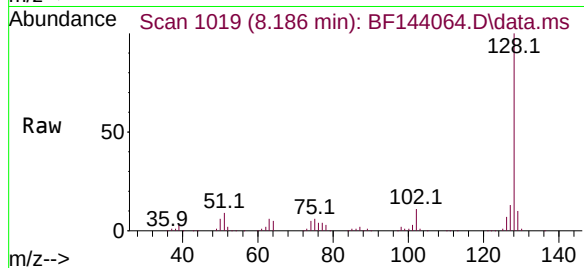
145 32.3 25.3 37.9



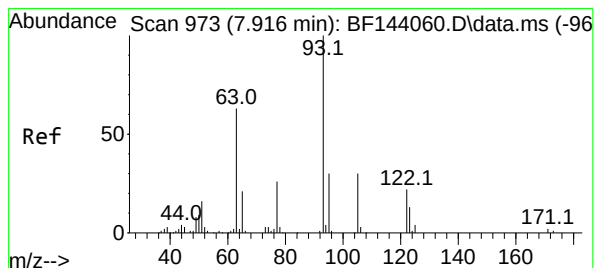
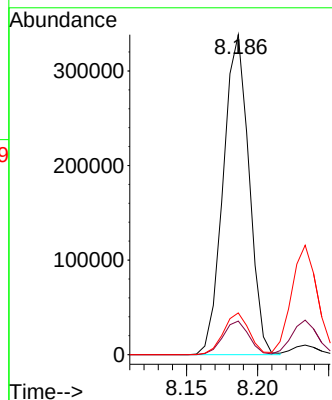
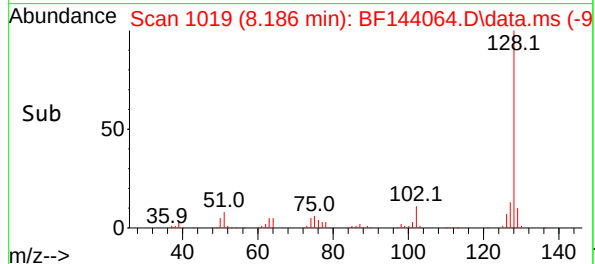


#31
Naphthalene
Concen: 62.477 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

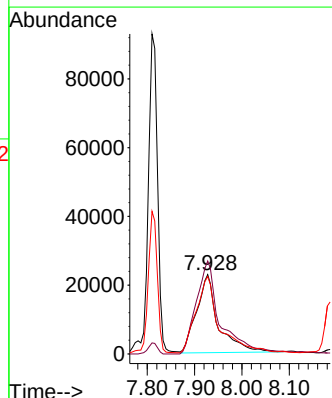
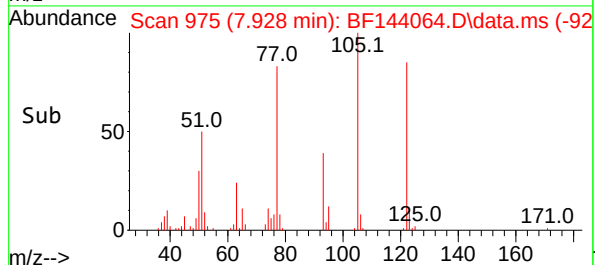
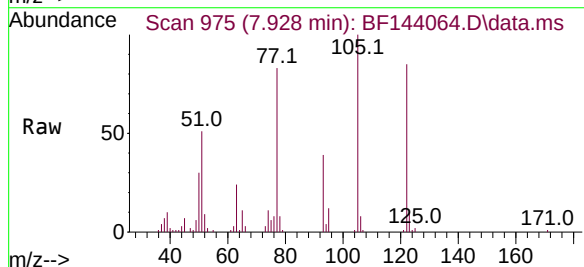


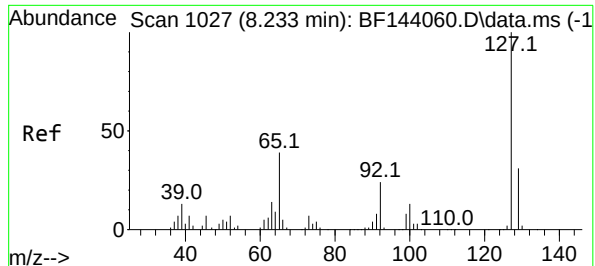
Tgt Ion:128 Resp: 427166
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 58.314 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:122 Resp: 73142
Ion Ratio Lower Upper
122 100
105 117.2 111.3 151.3
77 97.6 96.7 136.7





#33

4-Chloroaniline

Concen: 62.767 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 149397

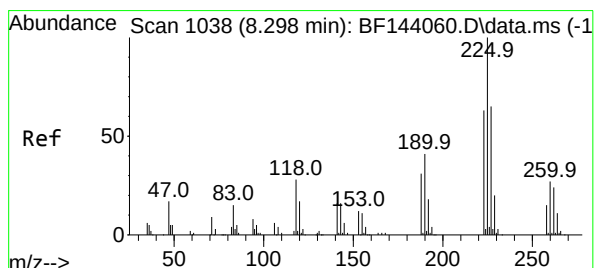
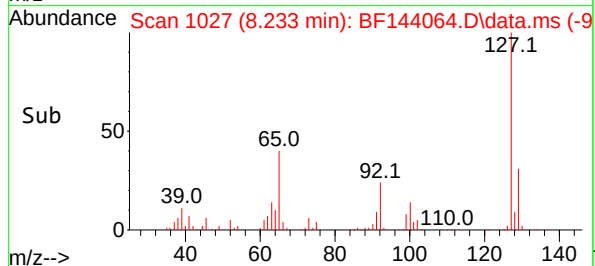
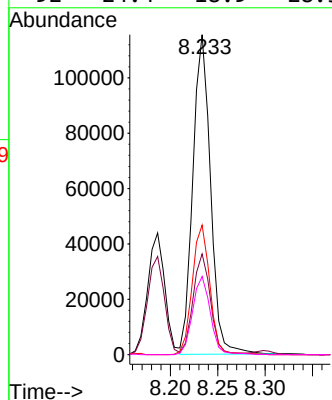
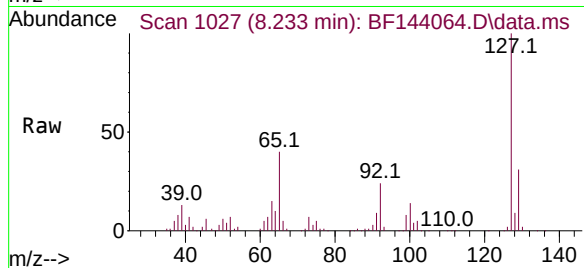
Ion Ratio Lower Upper

127 100

129 31.5 25.6 38.4

65 40.5 30.9 46.3

92 24.4 18.9 28.3



#34

Hexachlorobutadiene

Concen: 66.488 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

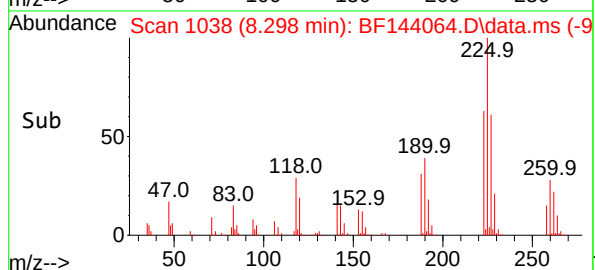
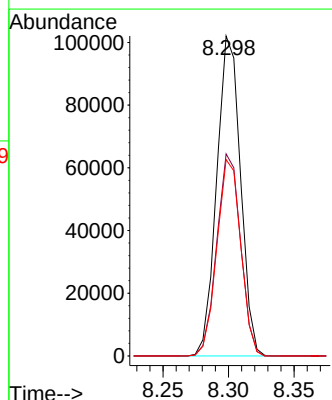
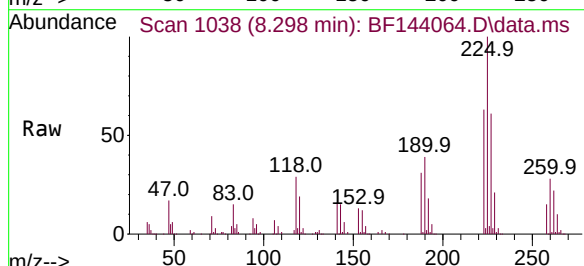
Tgt Ion:225 Resp: 128615

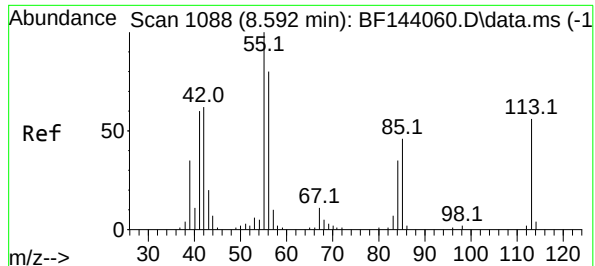
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 61.3 51.8 77.8

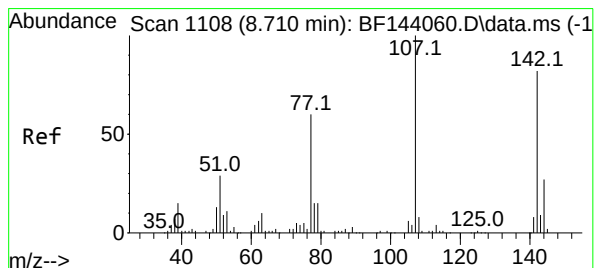
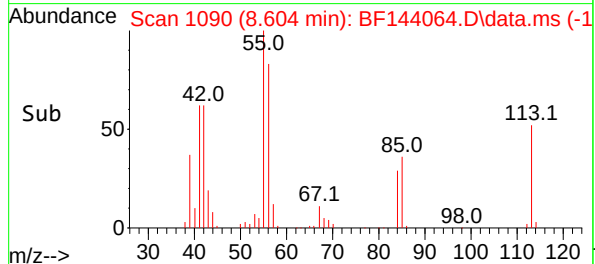
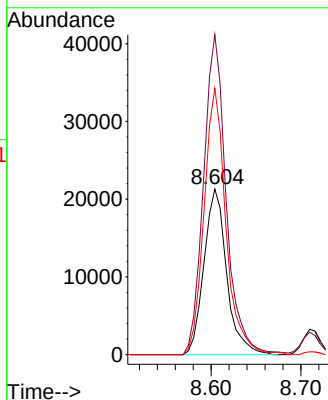
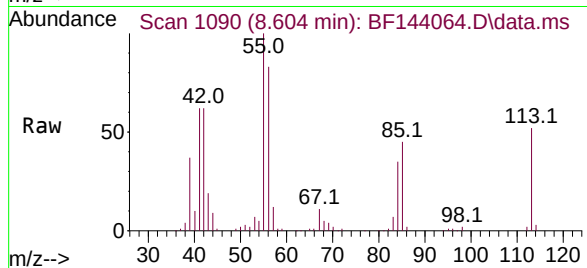




#35
Caprolactam
Concen: 64.879 ng
RT: 8.604 min Scan# 1088
Delta R.T. 0.012 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

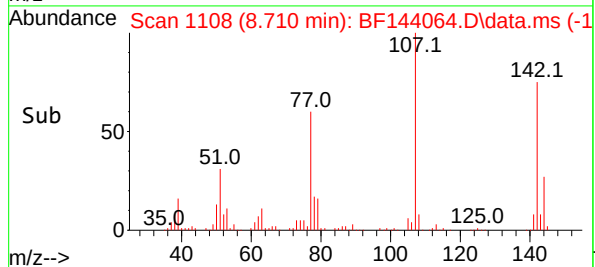
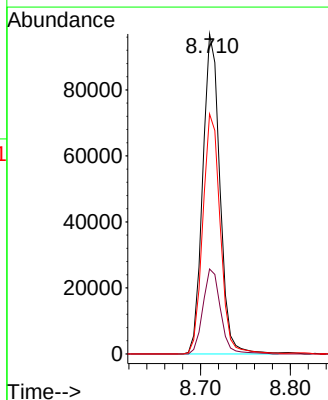
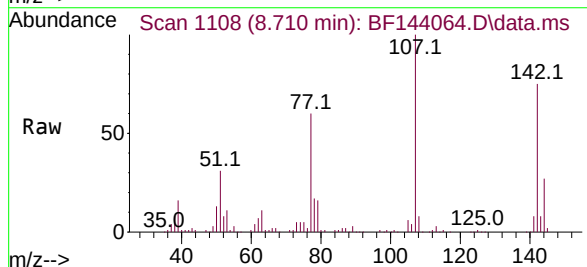
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

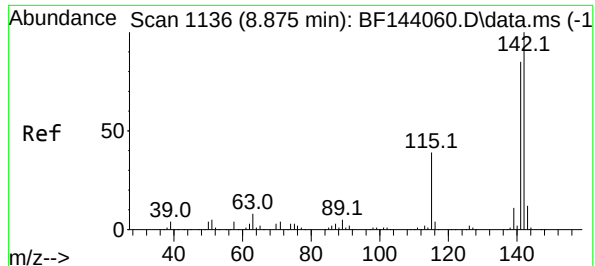
Tgt Ion:113 Resp: 37413
Ion Ratio Lower Upper
113 100
55 193.3 160.1 200.1
56 160.7 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 63.473 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:107 Resp: 128805
Ion Ratio Lower Upper
107 100
144 26.5 21.6 32.4
142 75.0 65.4 98.0

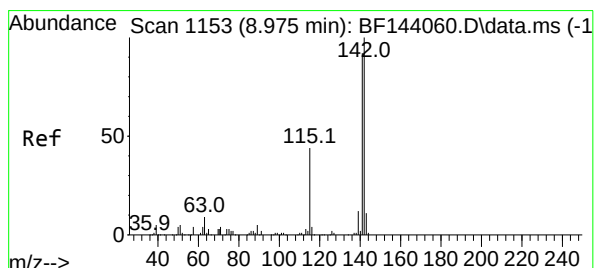
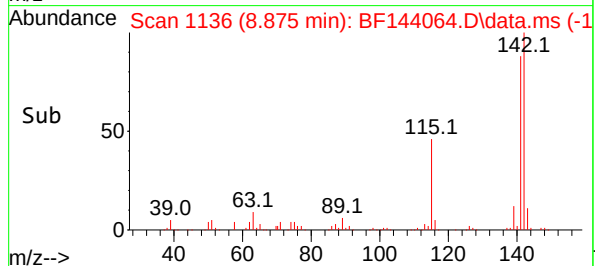
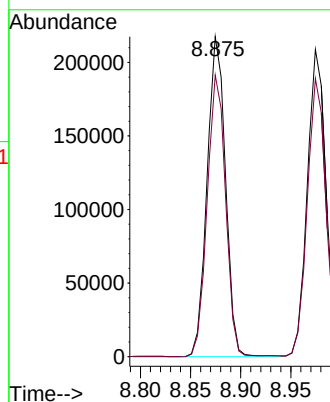
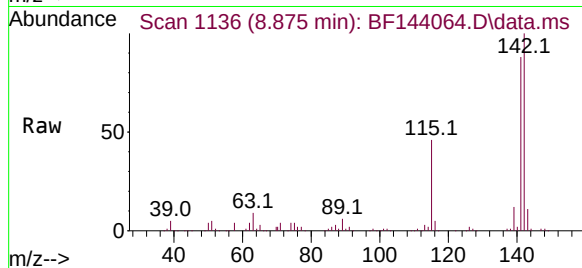




#37
2-Methylnaphthalene
Concen: 61.432 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

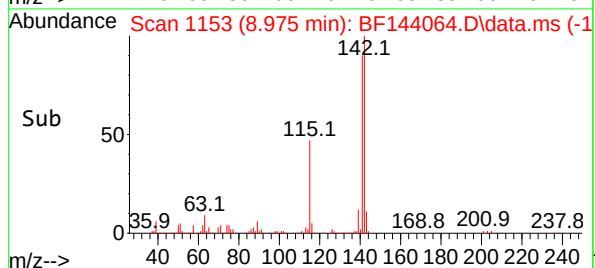
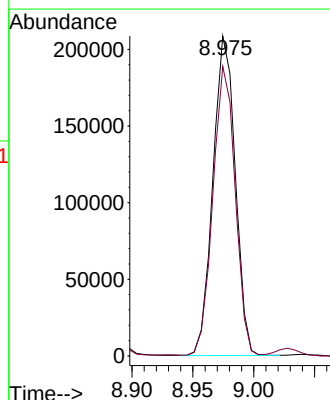
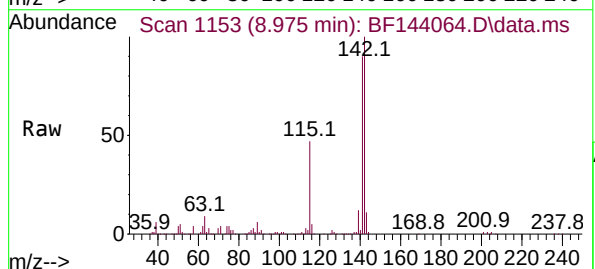
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

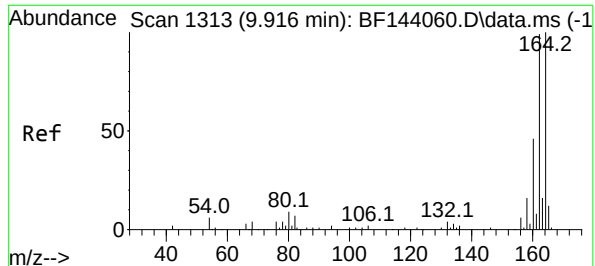
Tgt Ion:142 Resp: 276923
Ion Ratio Lower Upper
142 100
141 88.0 67.6 101.4



#38
1-Methylnaphthalene
Concen: 62.174 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:142 Resp: 265532
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

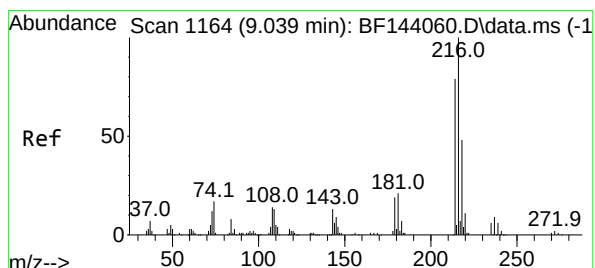
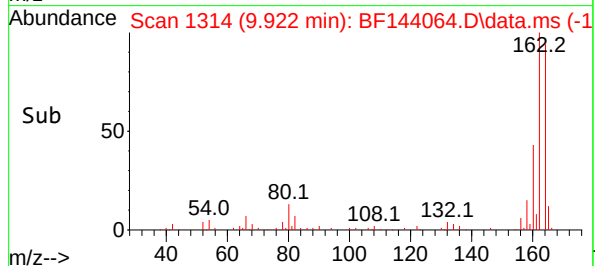
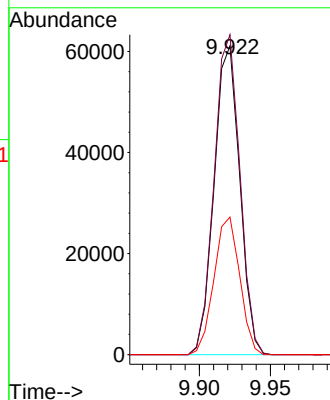
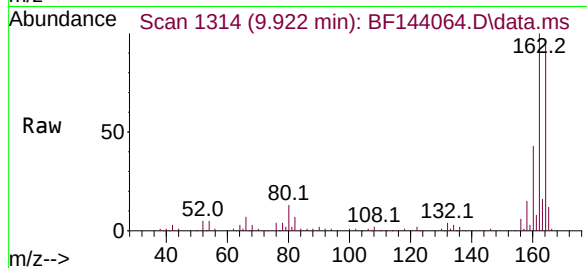
Tgt Ion:164 Resp: 76683

Ion Ratio Lower Upper

164 100

162 103.7 79.4 119.2

160 44.6 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 62.495 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:216 Resp: 164703

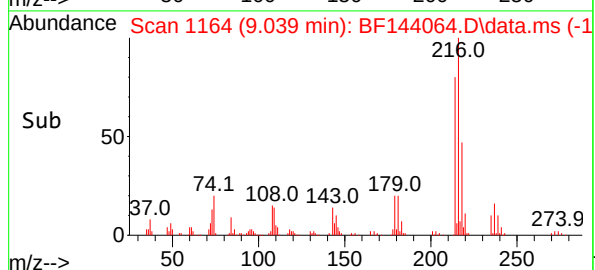
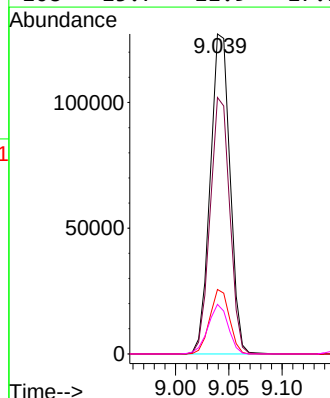
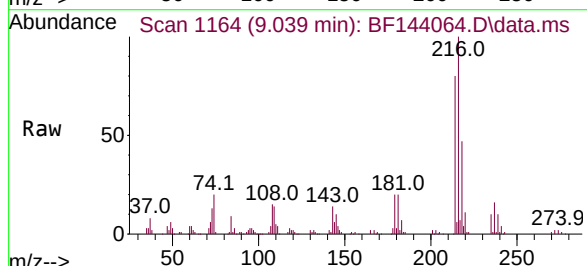
Ion Ratio Lower Upper

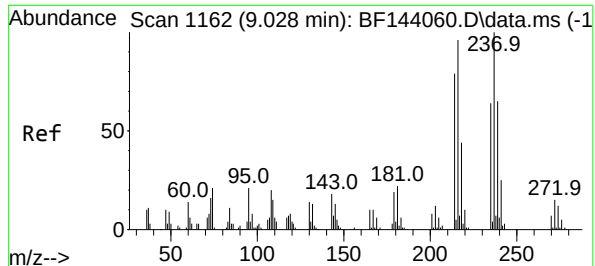
216 100

214 79.2 63.2 94.8

179 19.9 15.2 22.8

108 15.7 11.9 17.9

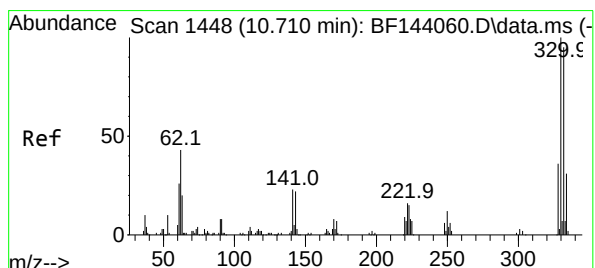
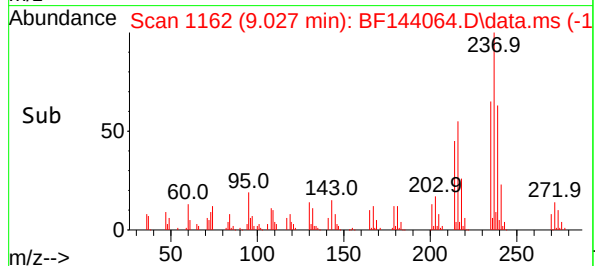
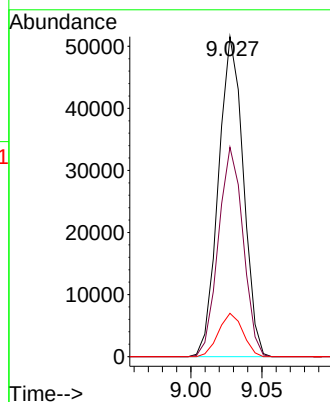
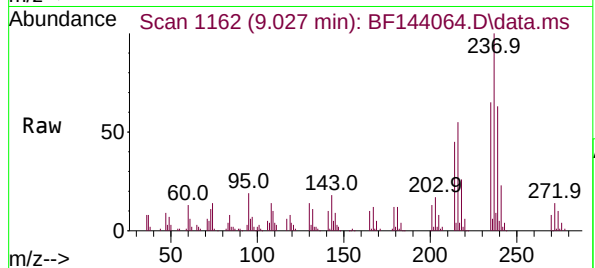




#41
Hexachlorocyclopentadiene
Concen: 77.248 ng
RT: 9.027 min Scan# 1162
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

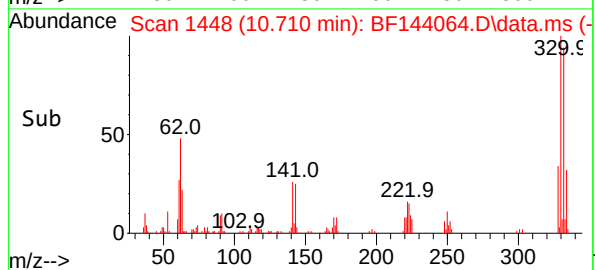
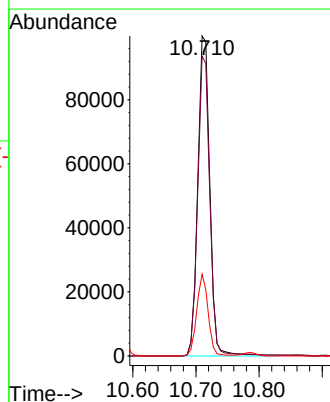
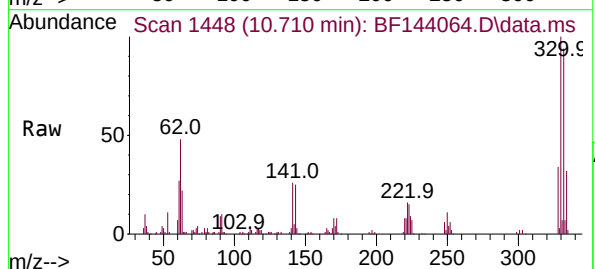
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

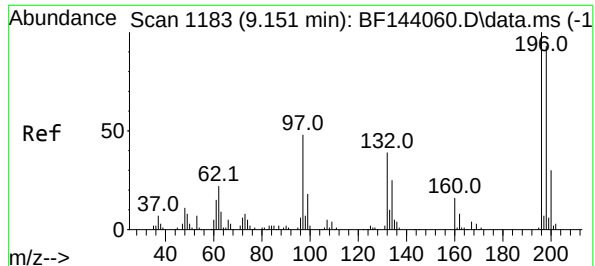
Tgt Ion:237 Resp: 62879
Ion Ratio Lower Upper
237 100
235 65.4 44.3 84.3
272 13.5 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 135.953 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:330 Resp: 132798
Ion Ratio Lower Upper
330 100
332 93.2 77.0 115.6
141 24.0 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 65.103 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144064.D

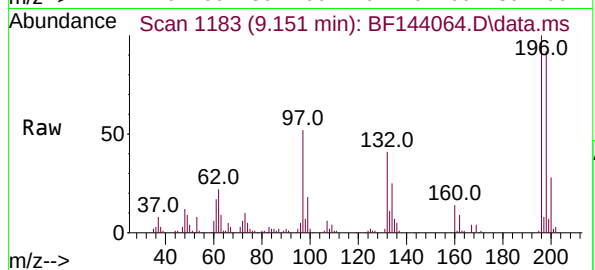
Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



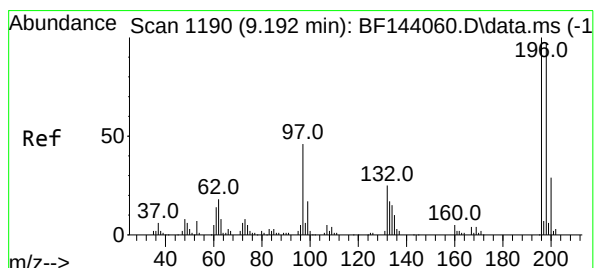
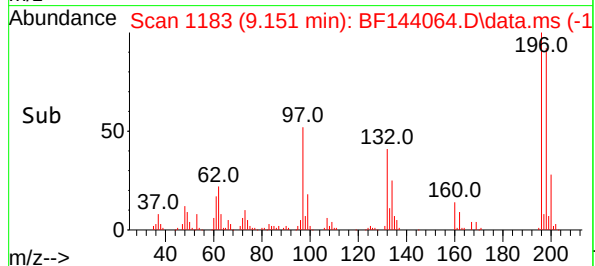
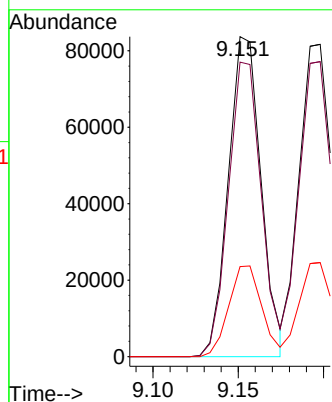
Tgt Ion:196 Resp: 111523

Ion Ratio Lower Upper

196 100

198 92.0 74.4 111.6

200 28.2 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 65.377 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Tgt Ion:196 Resp: 117536

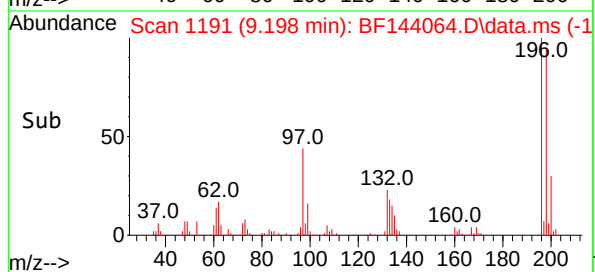
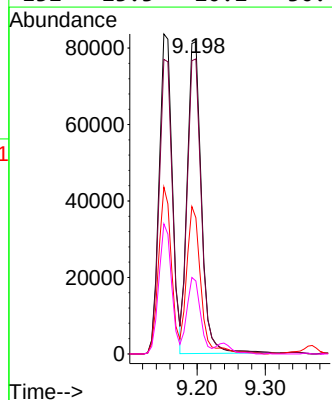
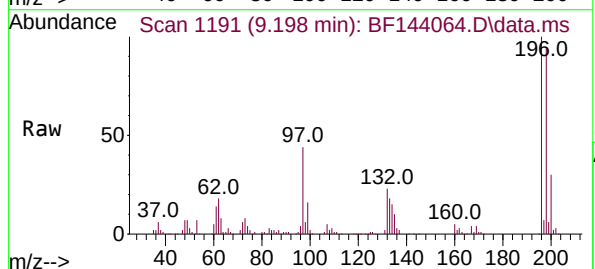
Ion Ratio Lower Upper

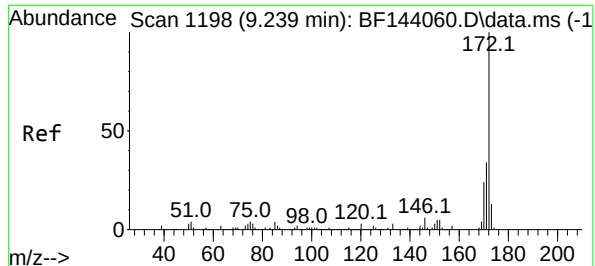
196 100

198 94.5 78.0 117.0

97 43.6 37.7 56.5

132 23.3 20.2 30.4

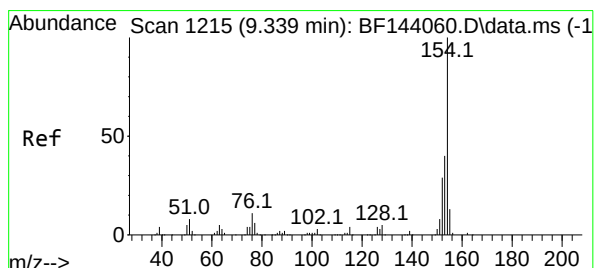
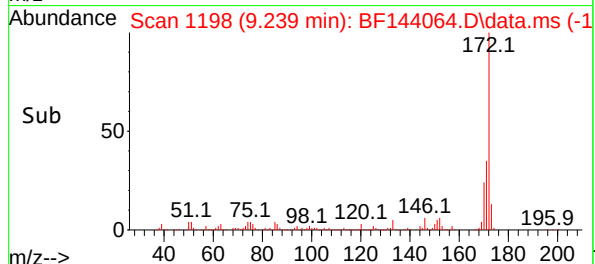
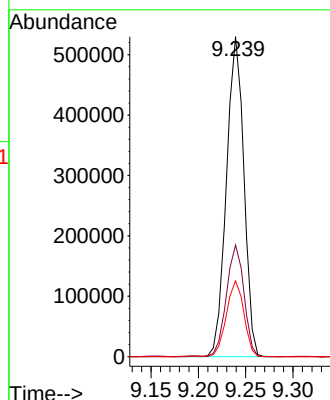
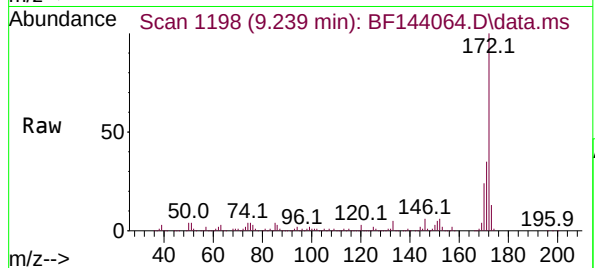




#45
2-Fluorobiphenyl
Concen: 124.361 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

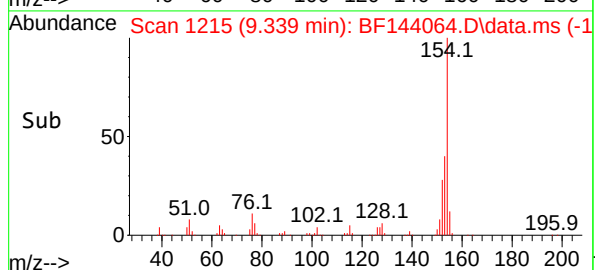
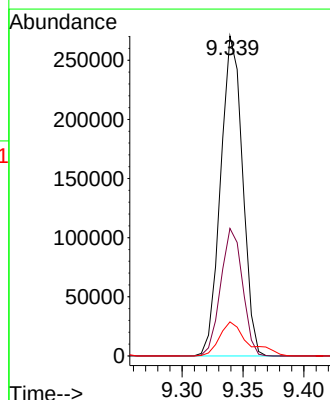
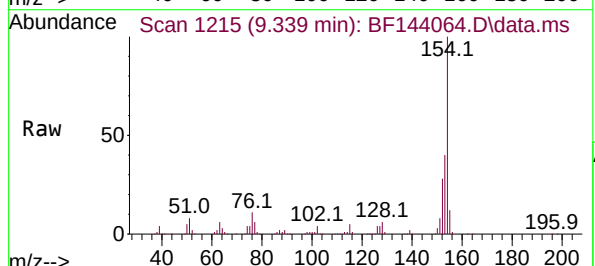
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

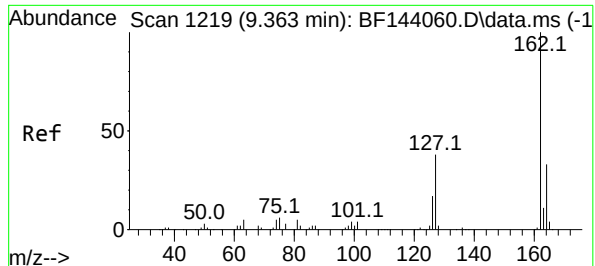
Tgt Ion:172 Resp: 677674
Ion Ratio Lower Upper
172 100
171 34.9 27.5 41.3
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 61.621 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:154 Resp: 338254
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 10.6 0.0 31.1





#47

2-Chloronaphthalene

Concen: 62.514 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

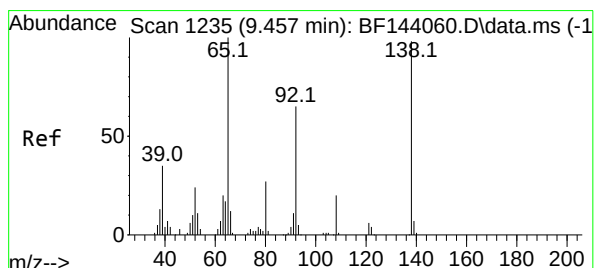
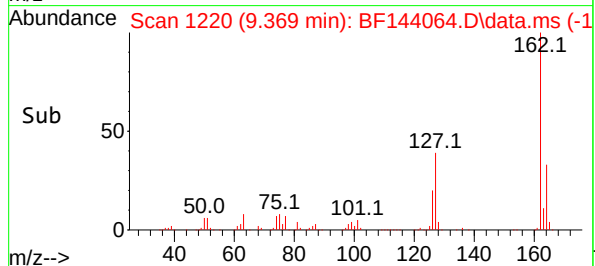
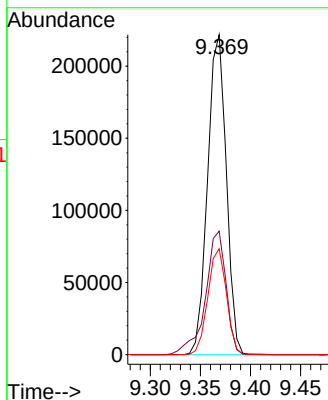
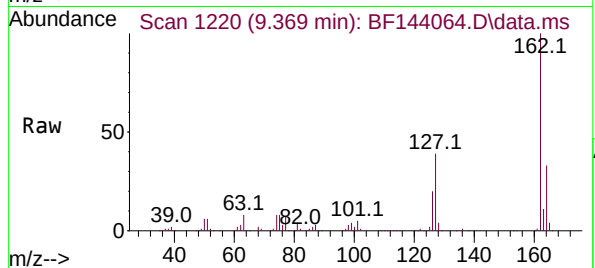
Tgt Ion:162 Resp: 287490

Ion Ratio Lower Upper

162 100

127 38.6 31.6 47.4

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 67.272 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

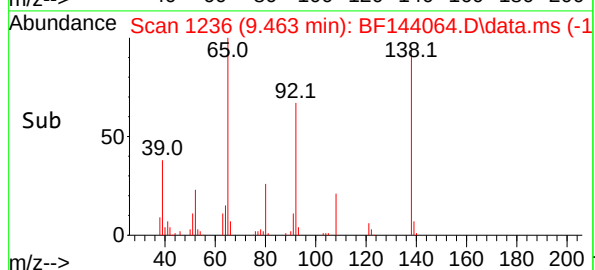
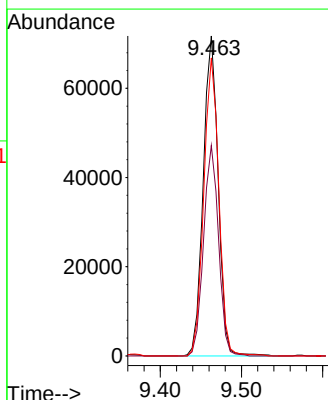
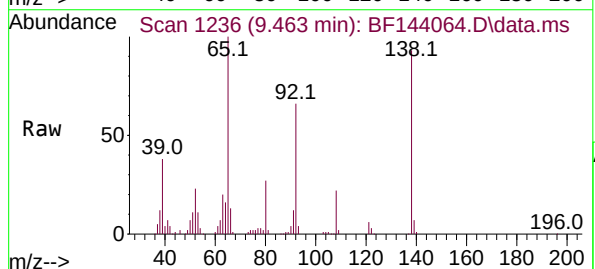
Tgt Ion: 65 Resp: 91867

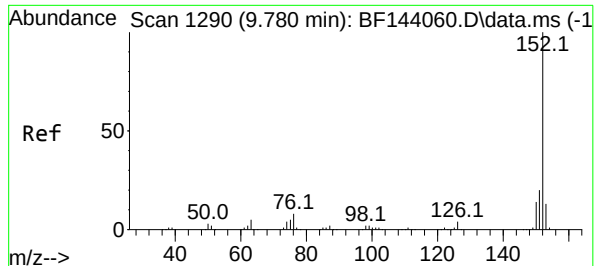
Ion Ratio Lower Upper

65 100

92 65.7 52.3 78.5

138 93.1 78.3 117.5





#49

Acenaphthylene

Concen: 61.895 ng

RT: 9.780 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

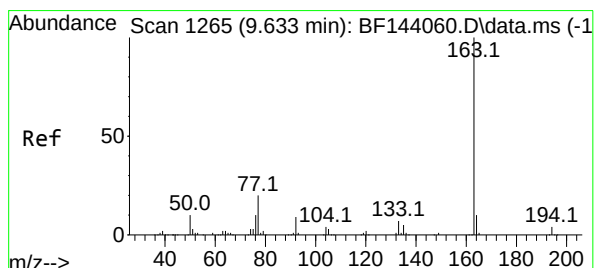
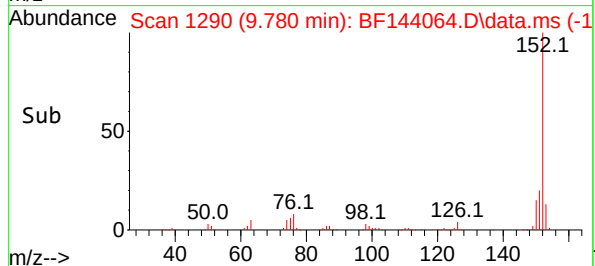
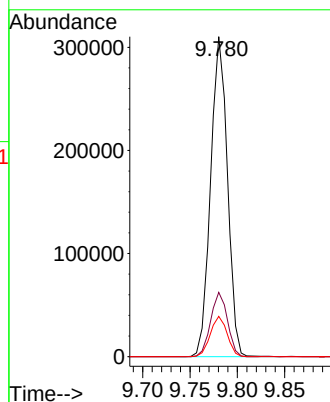
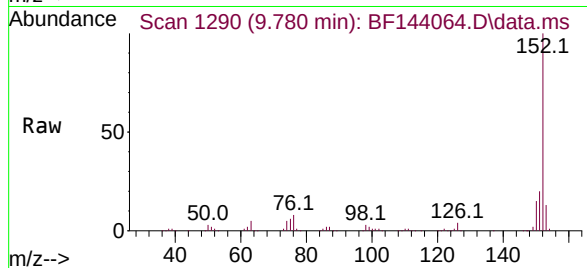
Tgt Ion:152 Resp: 383800

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 63.485 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

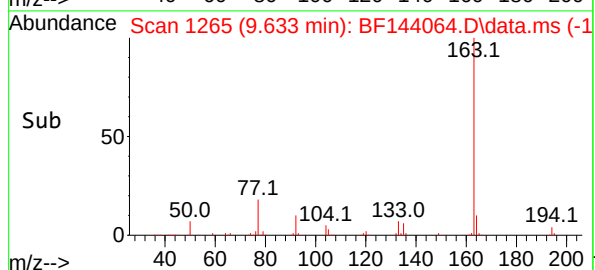
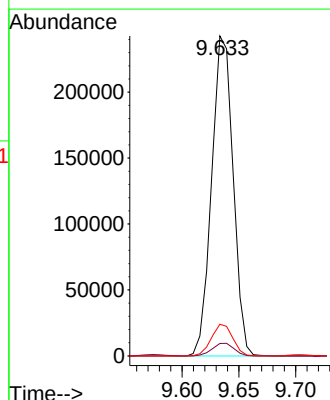
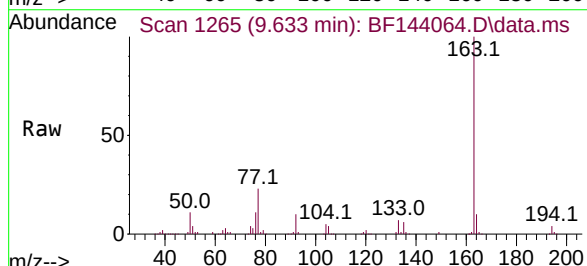
Tgt Ion:163 Resp: 319101

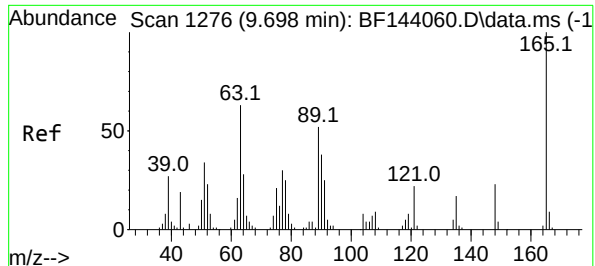
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 66.619 ng

RT: 9.704 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

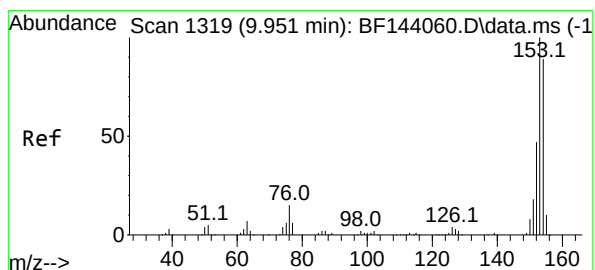
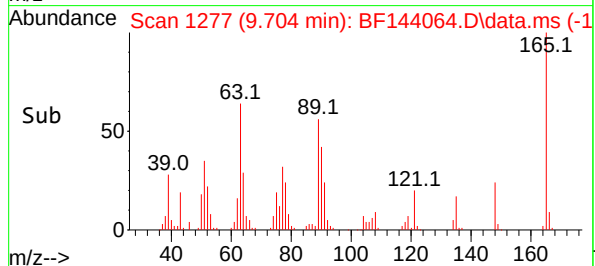
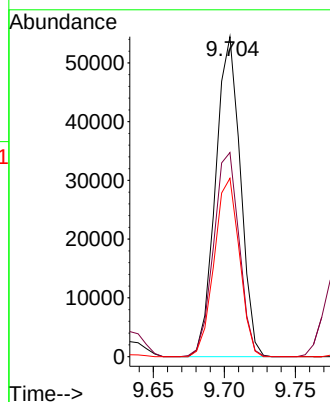
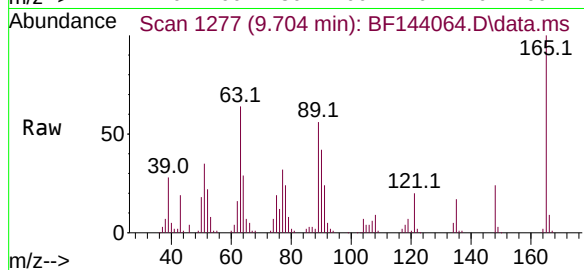
Tgt Ion:165 Resp: 66198

Ion Ratio Lower Upper

165 100

63 63.8 50.4 75.6

89 55.7 41.4 62.2



#52

Acenaphthene

Concen: 62.331 ng

RT: 9.957 min Scan# 1320

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

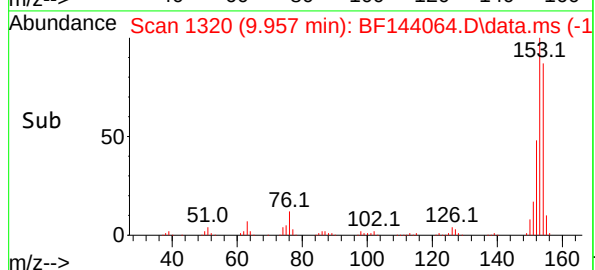
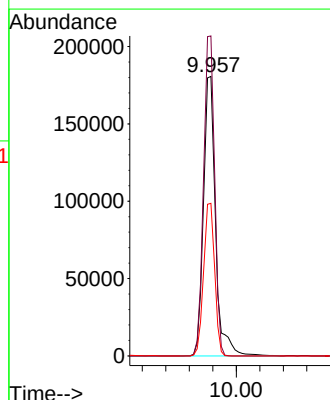
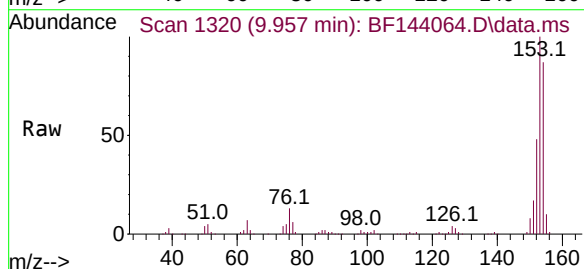
Tgt Ion:154 Resp: 258125

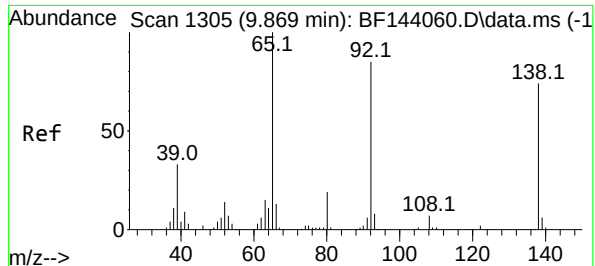
Ion Ratio Lower Upper

154 100

153 114.5 89.9 134.9

152 54.6 42.0 63.0

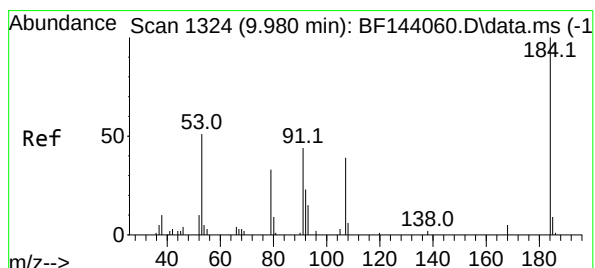
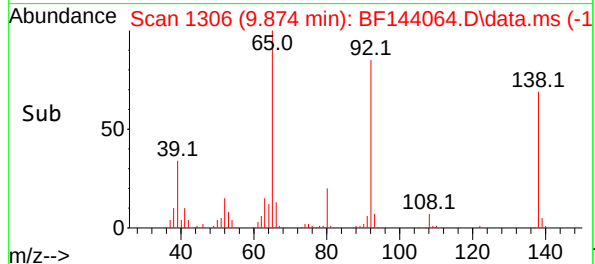
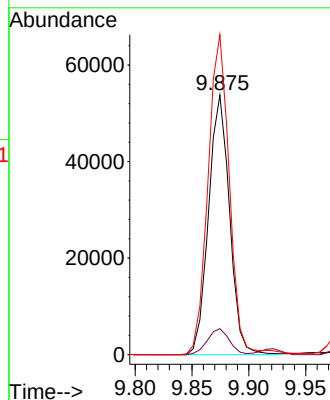
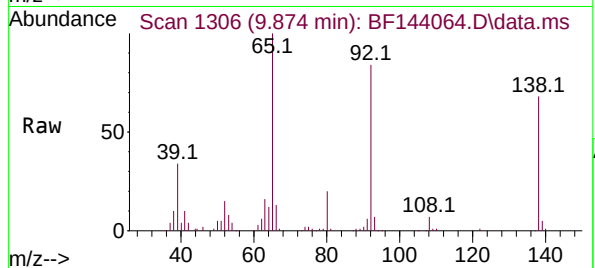




#53
3-Nitroaniline
Concen: 62.642 ng
RT: 9.874 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

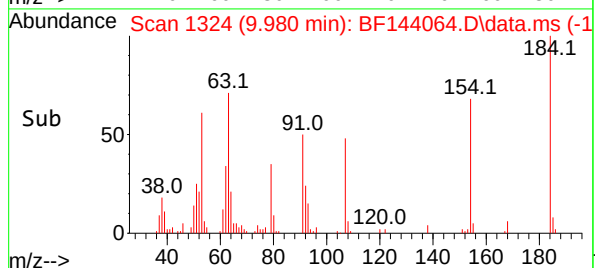
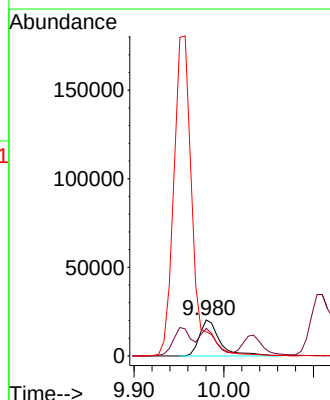
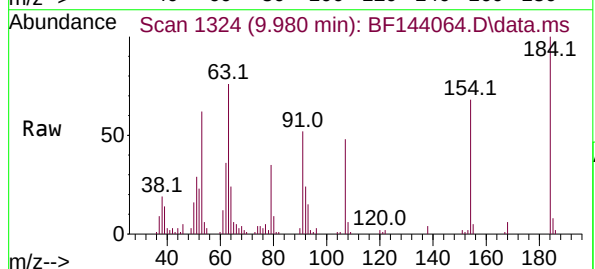
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

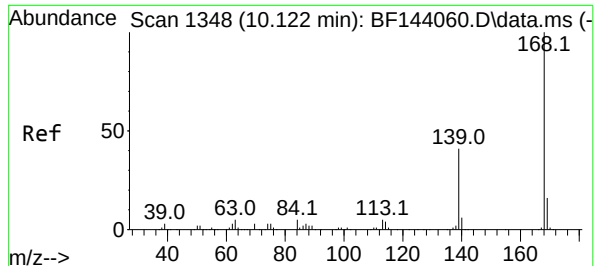
Tgt Ion:138 Resp: 69206
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 123.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 59.508 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:184 Resp: 31982
Ion Ratio Lower Upper
184 100
63 76.4 52.1 78.1
154 67.6 47.9 71.9

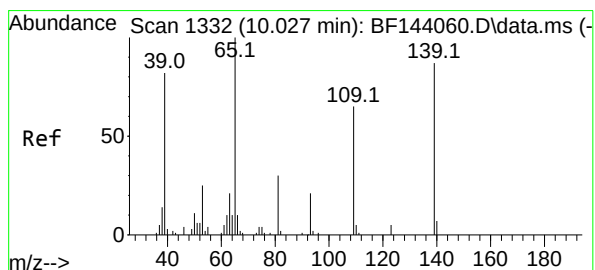
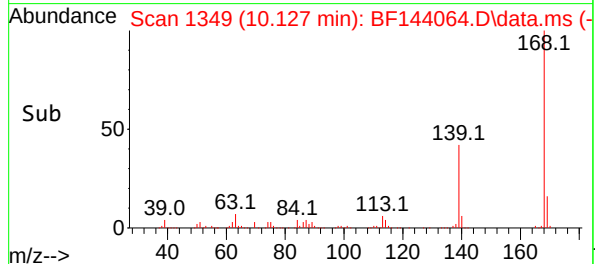
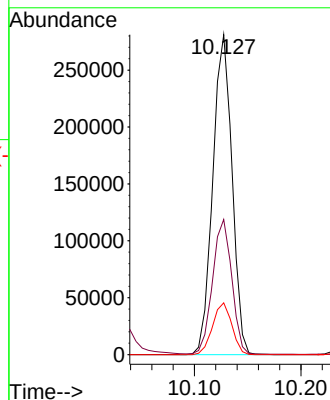
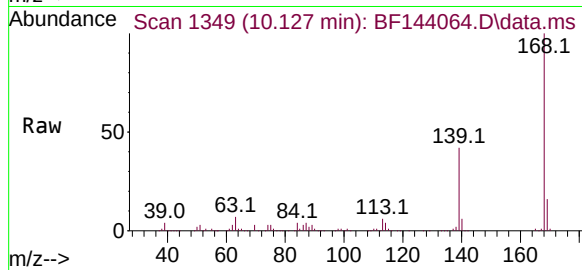




#55
Dibenzenofuran
Concen: 61.440 ng
RT: 10.127 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

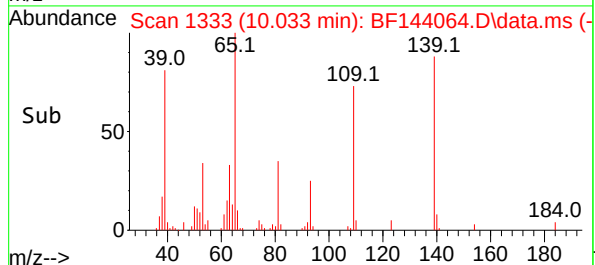
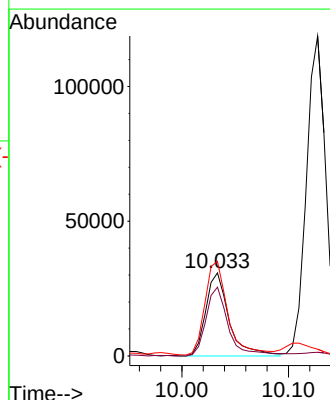
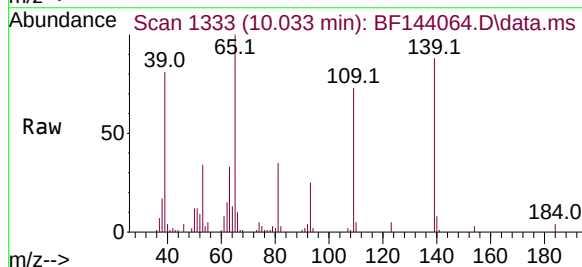
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

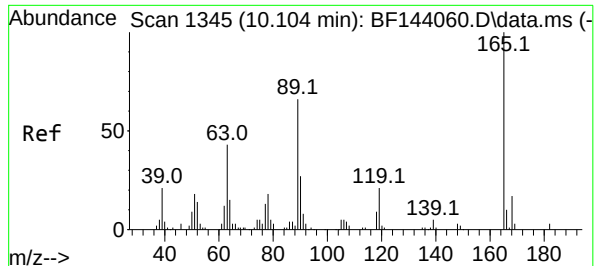
Tgt Ion:168 Resp: 353228
Ion Ratio Lower Upper
168 100
139 42.2 33.2 49.8
169 16.2 12.6 19.0



#56
4-Nitrophenol
Concen: 62.136 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:139 Resp: 46485
Ion Ratio Lower Upper
139 100
109 82.7 53.8 93.8
65 113.8 95.9 135.9

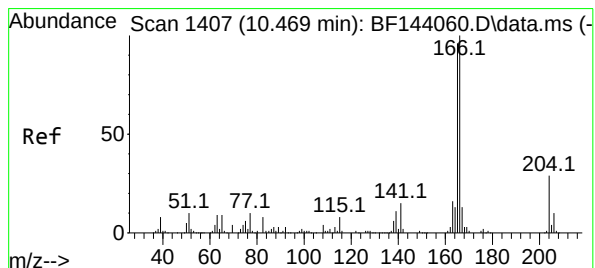
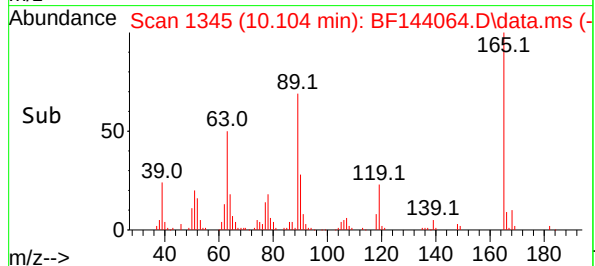
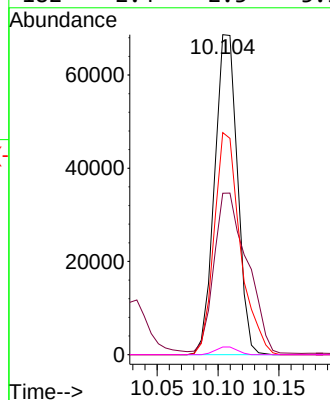
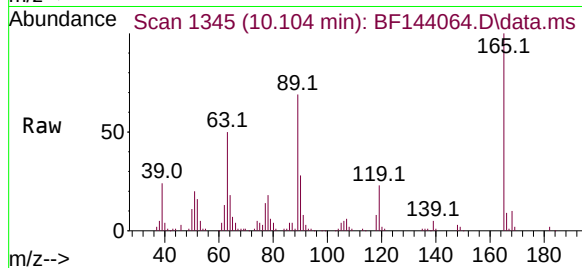




#57
2,4-Dinitrotoluene
Concen: 66.833 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

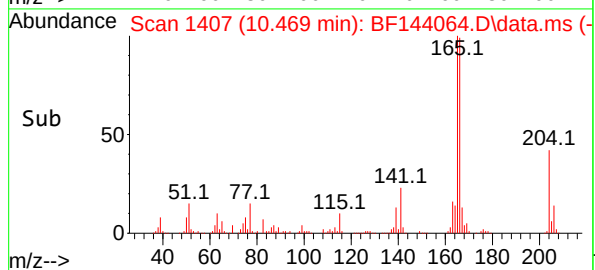
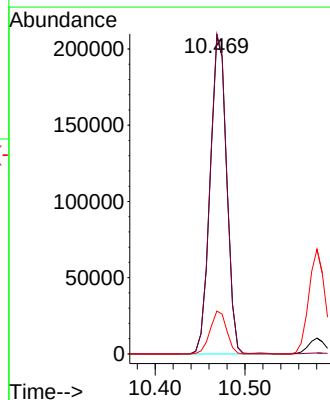
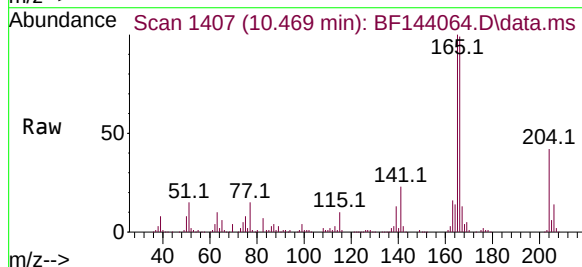
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

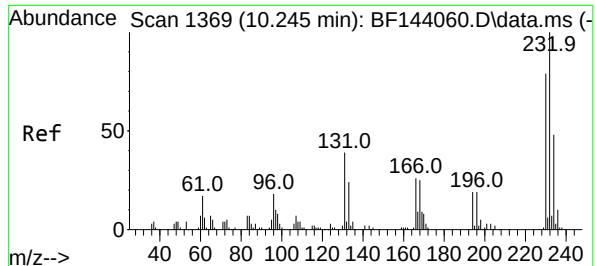
Tgt Ion	165	Resp	89630
Ion Ratio	Lower	Upper	
165	100		
63	50.4	35.4	53.2
89	69.4	52.7	79.1
182	2.4	2.3	3.5



#58
Fluorene
Concen: 60.997 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion	166	Resp	267202
Ion Ratio	Lower	Upper	
166	100		
165	101.0	77.0	115.4
167	13.5	10.2	15.4

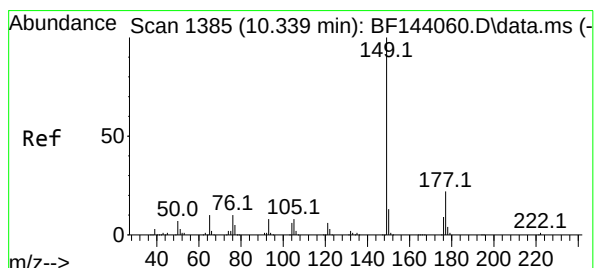
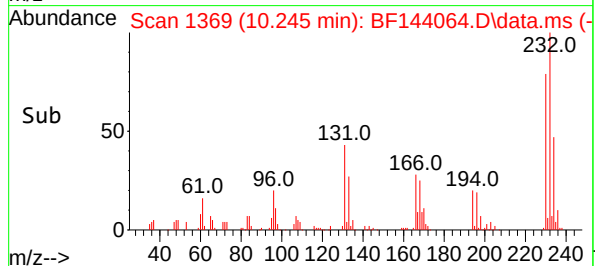
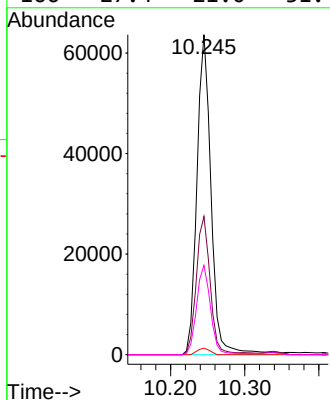
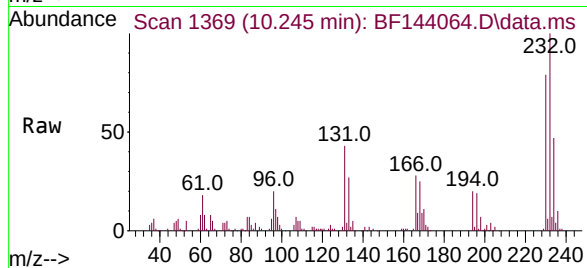




#59
2,3,4,6-Tetrachlorophenol
Concen: 66.502 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

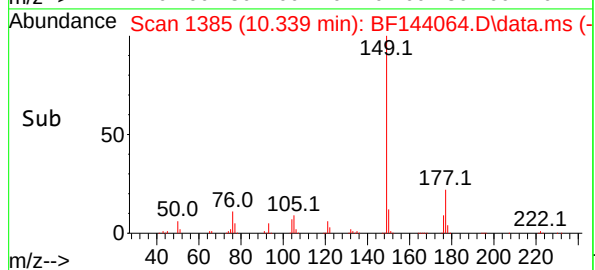
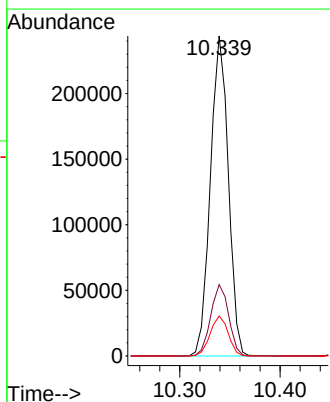
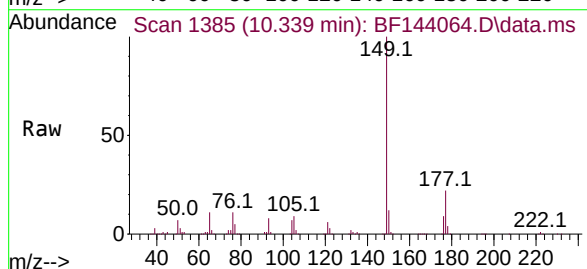
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

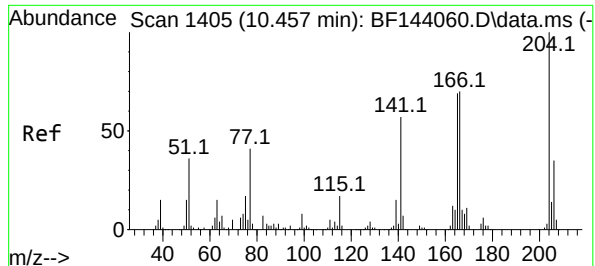
Tgt Ion:232 Resp: 84250
Ion Ratio Lower Upper
232 100
131 42.7 31.9 47.9
130 1.8 1.1 1.7#
166 27.4 21.0 31.4



#60
Diethylphthalate
Concen: 64.138 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:149 Resp: 303176
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.5 10.1 15.1

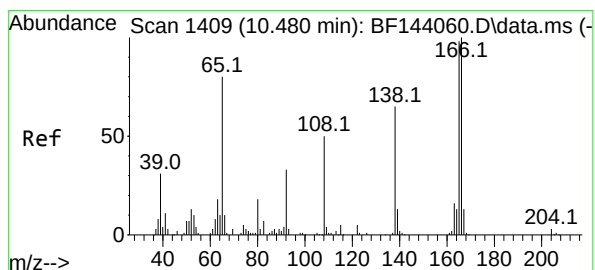
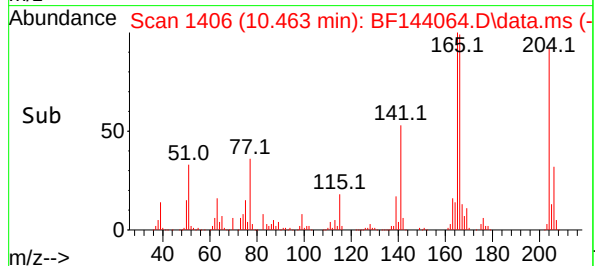
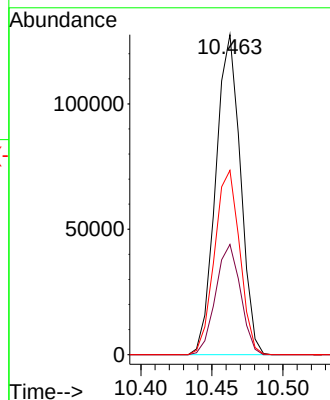
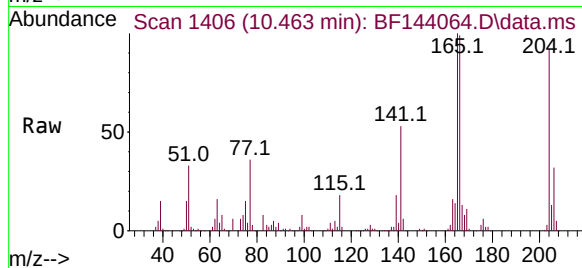




#61
4-Chlorophenyl-phenylether
Concen: 62.927 ng
RT: 10.463 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

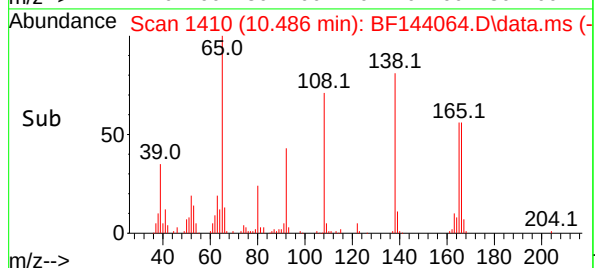
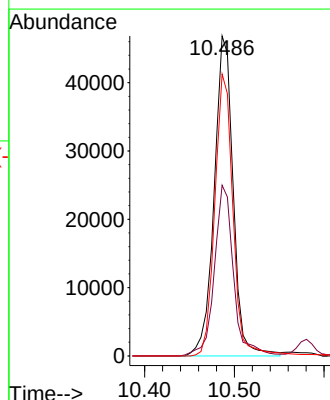
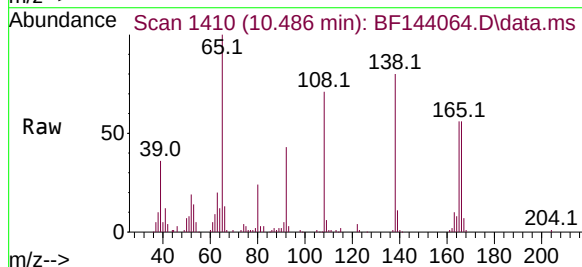
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

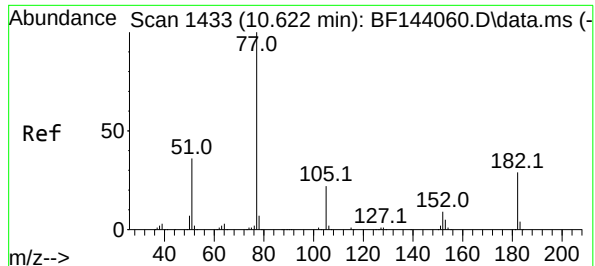
Tgt Ion:204 Resp: 155019
Ion Ratio Lower Upper
204 100
206 34.4 27.8 41.6
141 57.6 45.4 68.2



#62
4-Nitroaniline
Concen: 65.819 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:138 Resp: 68899
Ion Ratio Lower Upper
138 100
92 53.3 30.5 70.5
108 88.1 56.2 96.2

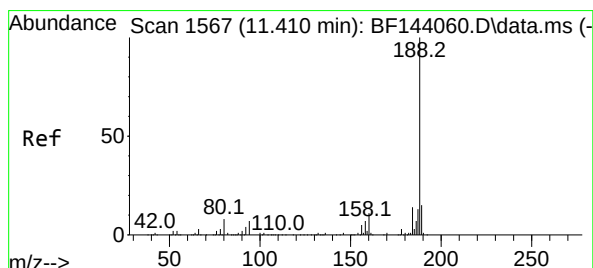
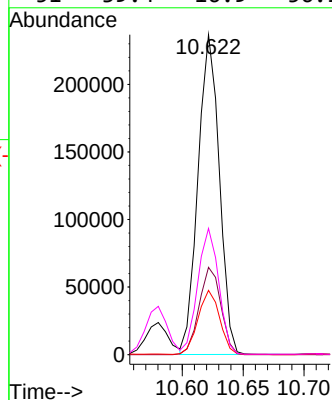
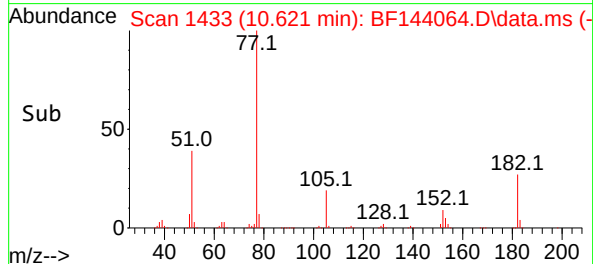
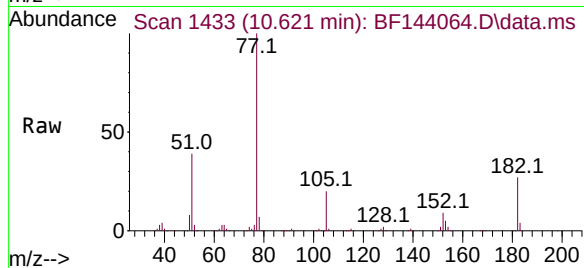




#63
Azobenzene
Concen: 64.412 ng
RT: 10.621 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

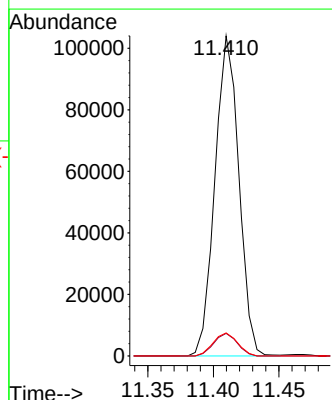
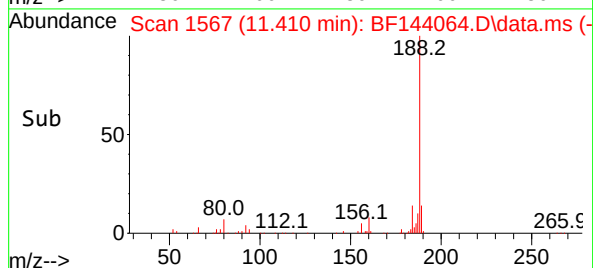
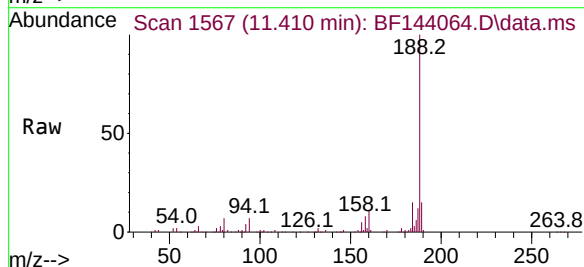
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

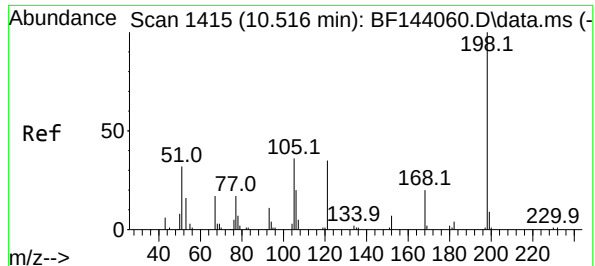
Tgt Ion: 77 Resp: 288180
Ion Ratio Lower Upper
77 100
182 27.3 9.0 49.0
105 20.1 1.4 41.4
51 39.4 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion: 188 Resp: 132038
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 7.2 6.0 9.0

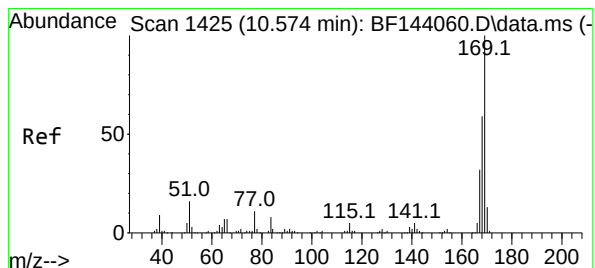
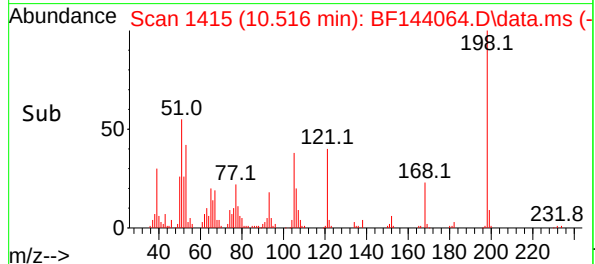
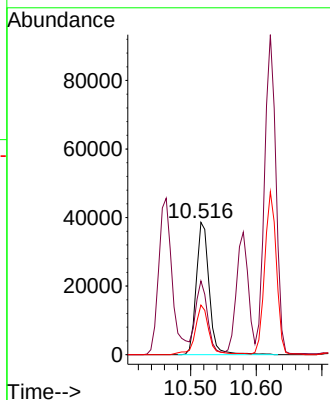
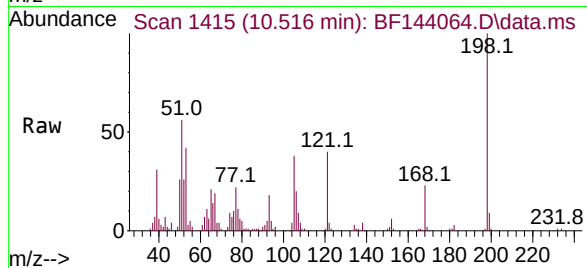




#65
4,6-Dinitro-2-methylphenol
Concen: 61.785 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

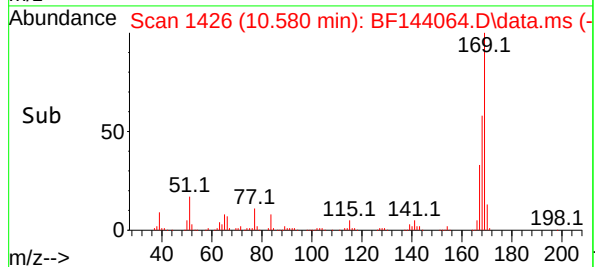
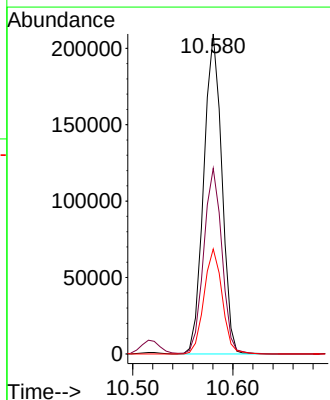
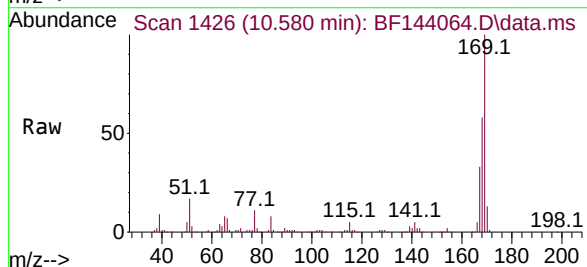
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

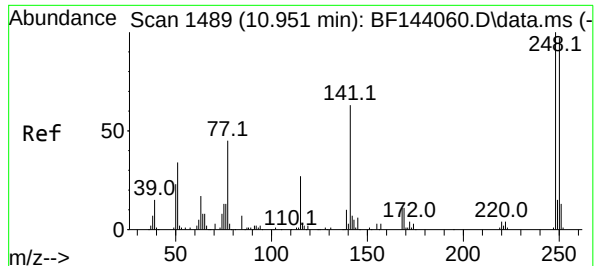
Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.8	25.8	65.8
105	37.5	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 61.911 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.0	47.4	71.2
167	32.8	25.5	38.3

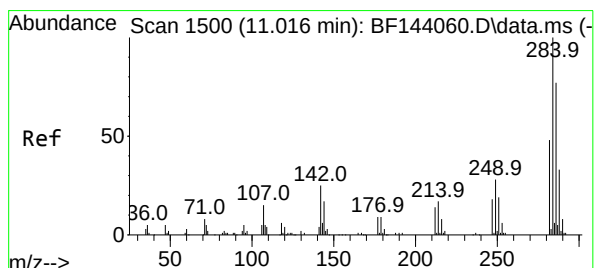
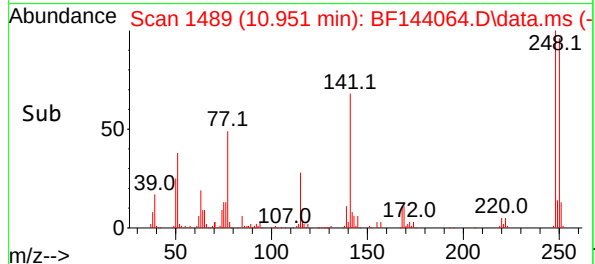
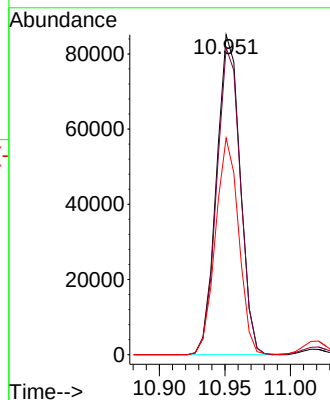
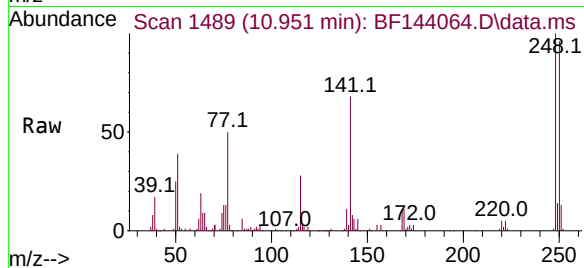




#67
4-Bromophenyl-phenylether
Concen: 64.641 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

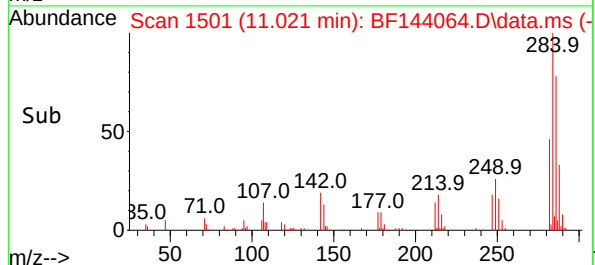
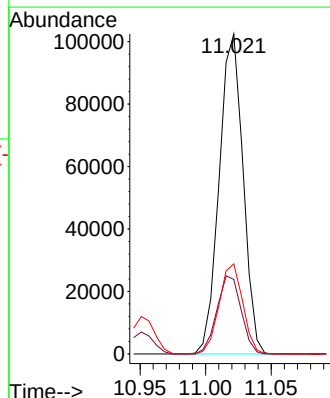
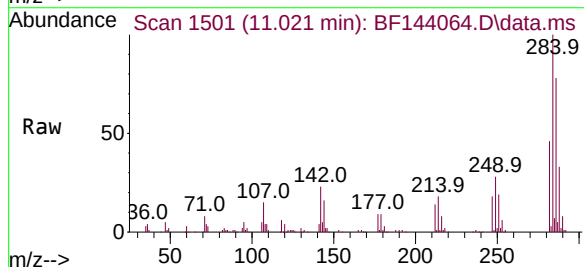
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

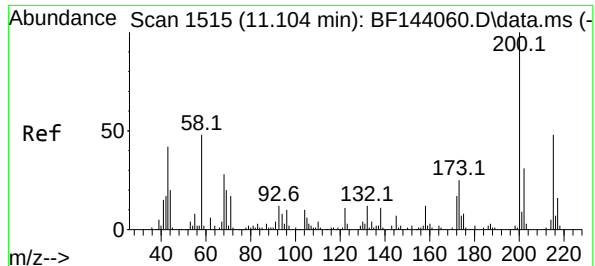
Tgt Ion:248 Resp: 106864
Ion Ratio Lower Upper
248 100
250 95.9 77.8 116.6
141 67.7 50.5 75.7



#68
Hexachlorobenzene
Concen: 64.021 ng
RT: 11.021 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:284 Resp: 129804
Ion Ratio Lower Upper
284 100
142 23.3 20.0 30.0
249 28.1 22.2 33.2

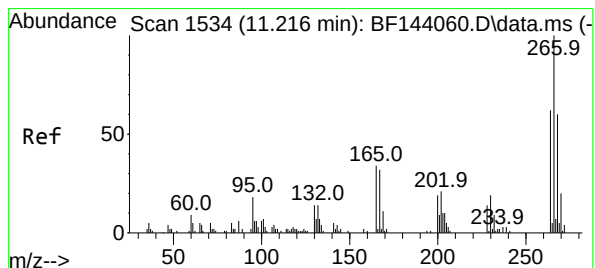
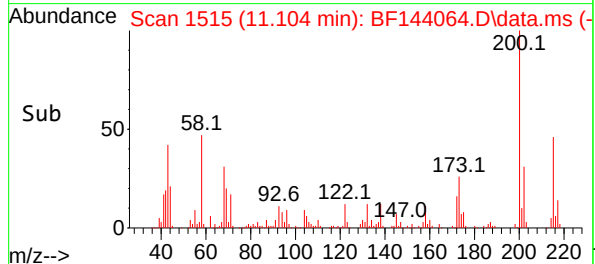
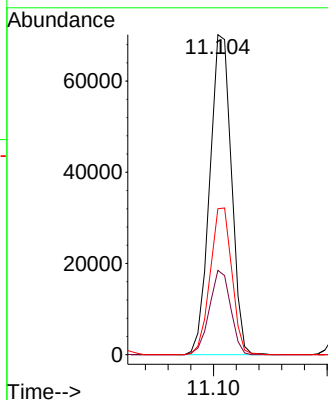
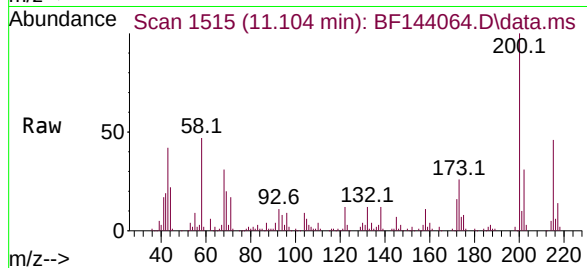




#69
Atrazine
Concen: 67.200 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

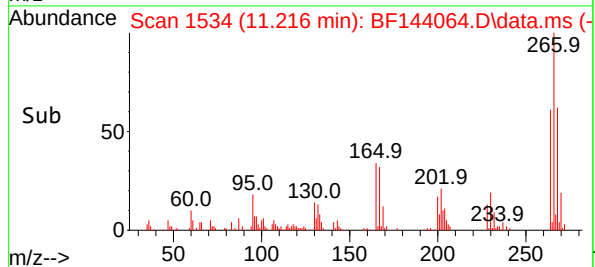
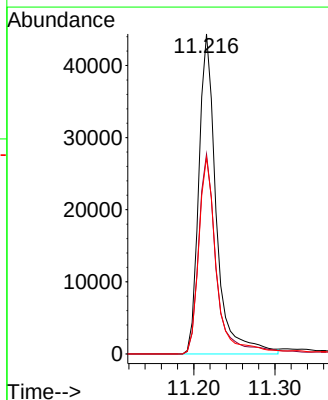
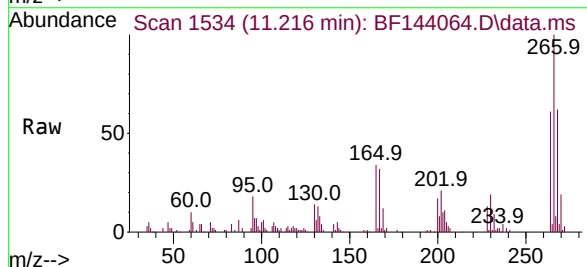
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

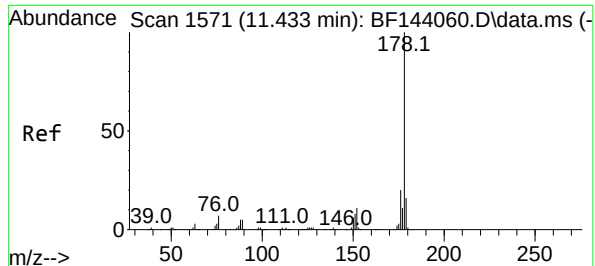
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	4.9	44.9
215	45.6	28.2	68.2



#70
Pentachlorophenol
Concen: 68.842 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	48.2	72.4
264	61.4	49.4	74.0

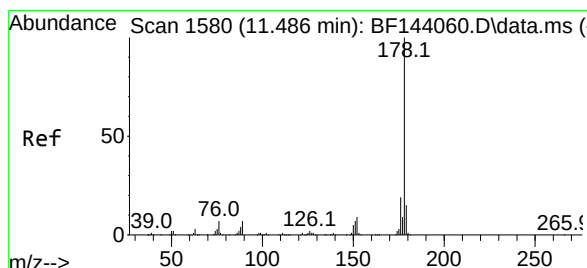
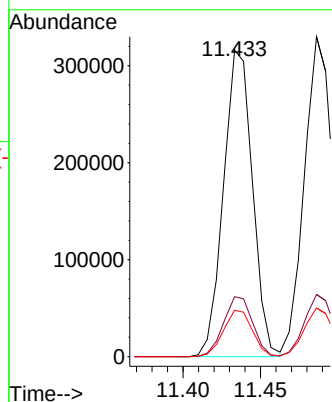
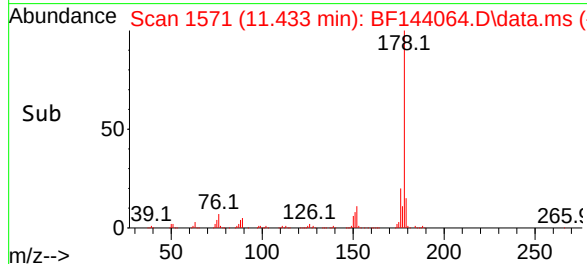
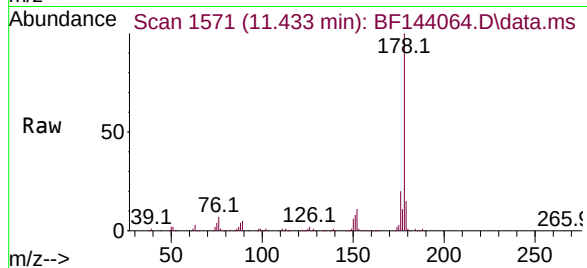




#71
Phenanthrene
Concen: 63.013 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

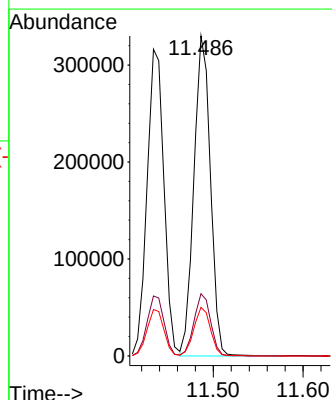
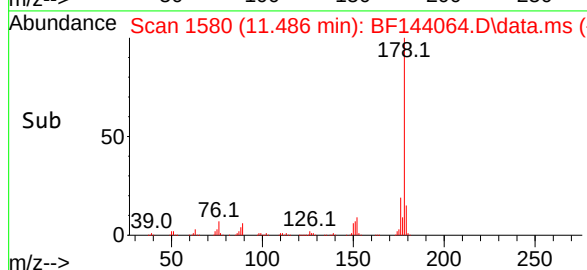
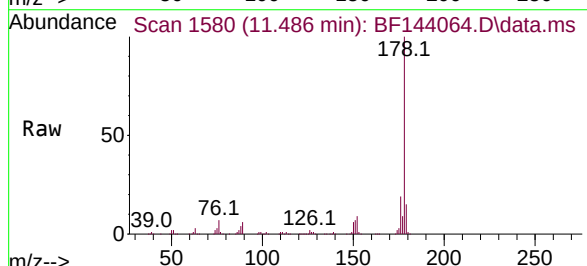
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

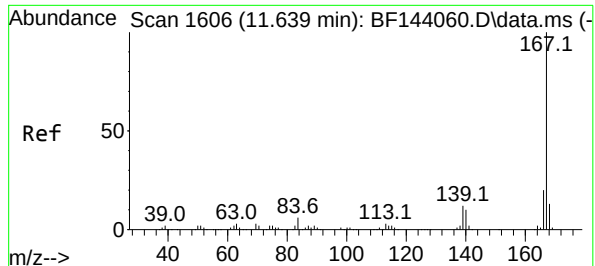
Tgt Ion:178 Resp: 413305
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.1 12.6 18.8



#72
Anthracene
Concen: 62.266 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

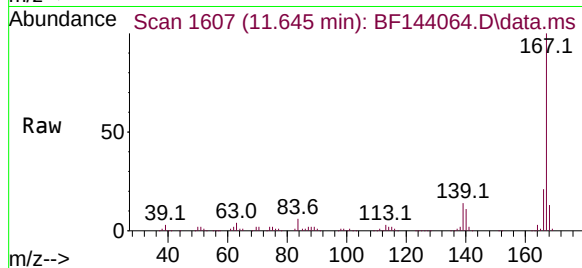
Tgt Ion:178 Resp: 421890
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 15.2 11.8 17.6



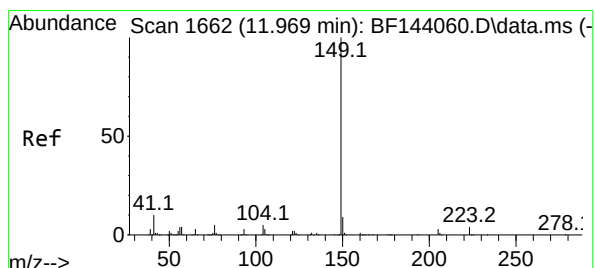
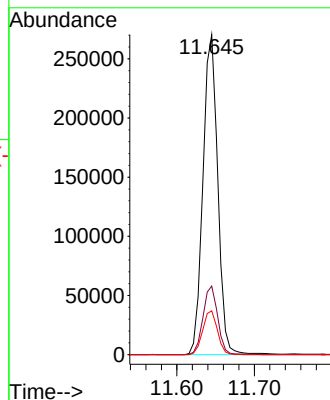
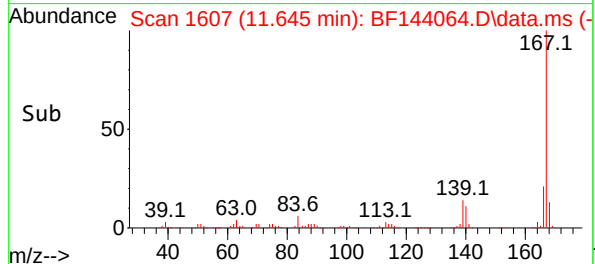


#73
Carbazole
Concen: 62.276 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

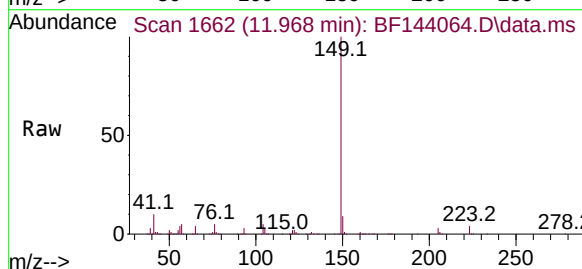
Instrument :
BNA_F
ClientSampleId :
SSTDICC060



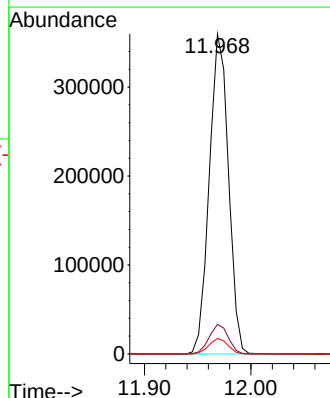
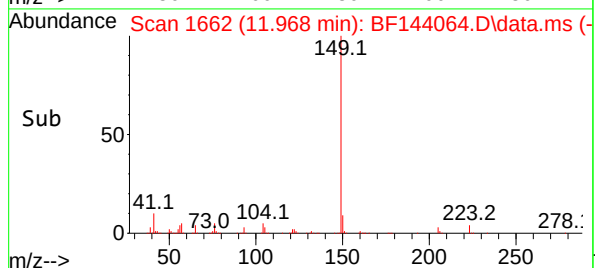
Tgt Ion:167 Resp: 359155
Ion Ratio Lower Upper
167 100
166 21.5 16.1 24.1
139 13.7 9.8 14.6

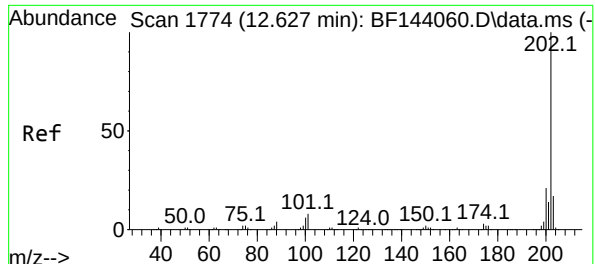


#74
Di-n-butylphthalate
Concen: 63.601 ng
RT: 11.968 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24



Tgt Ion:149 Resp: 449708
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.8 3.6 5.4

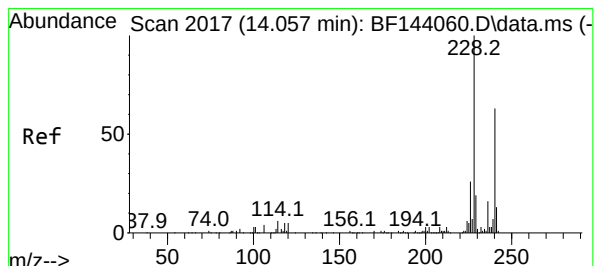
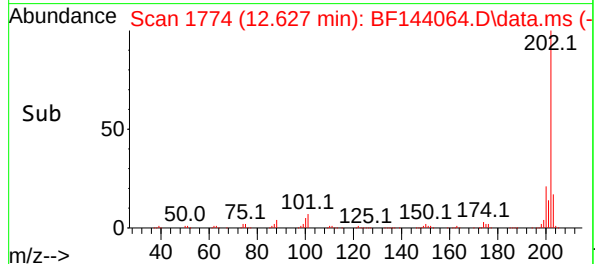
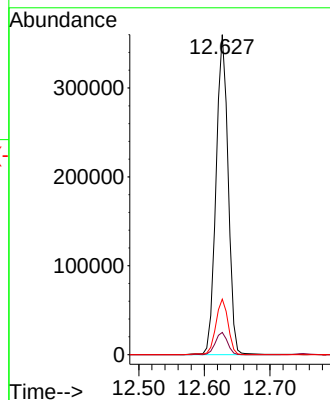
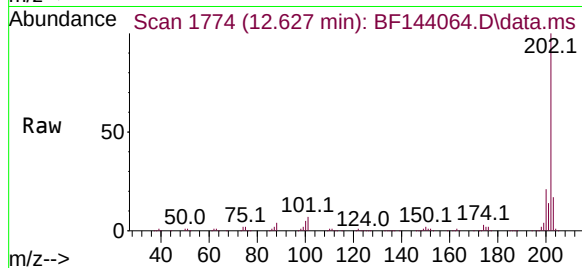




#75
Fluoranthene
Concen: 63.767 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

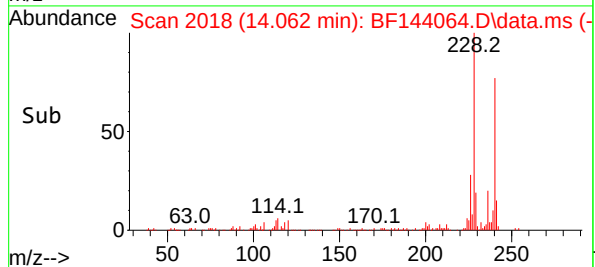
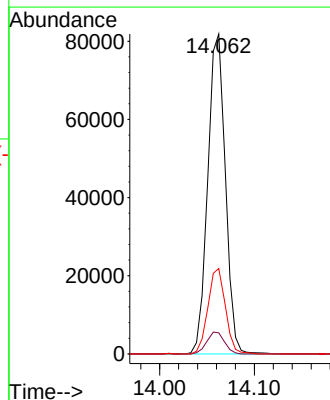
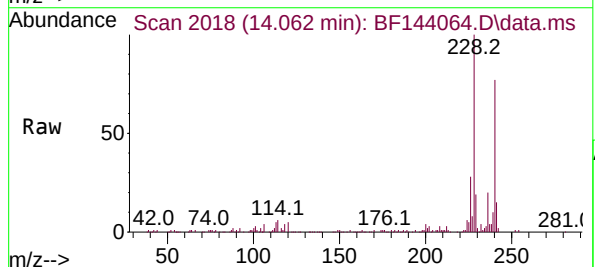
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

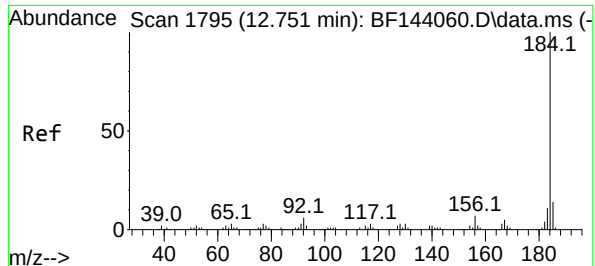
Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.7
203	17.3	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.5	9.7
236	26.7	20.1	30.1





#77

Benzidine

Concen: 75.863 ng

RT: 12.751 min Scan# 1795

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

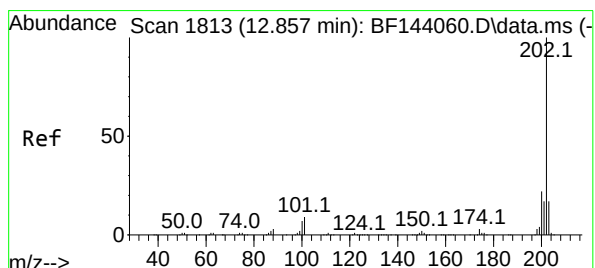
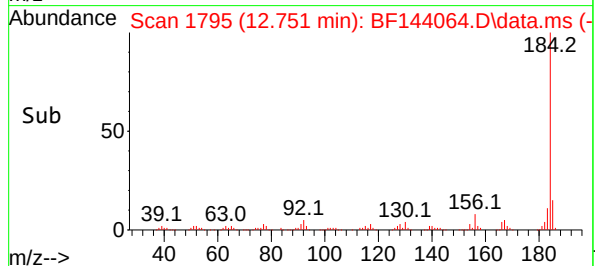
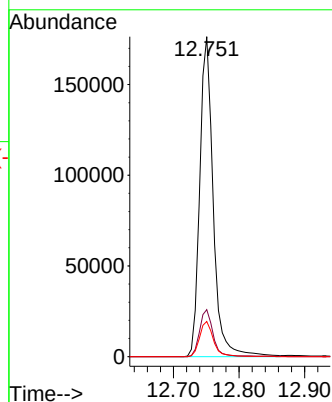
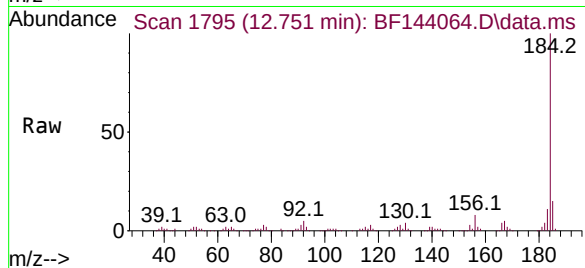
Tgt Ion:184 Resp: 250383

Ion Ratio Lower Upper

184 100

185 14.7 11.6 17.4

183 11.0 8.5 12.7



#78

Pyrene

Concen: 63.369 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

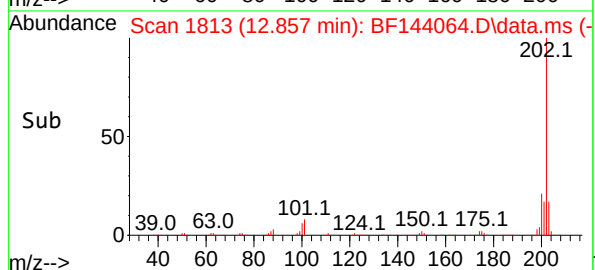
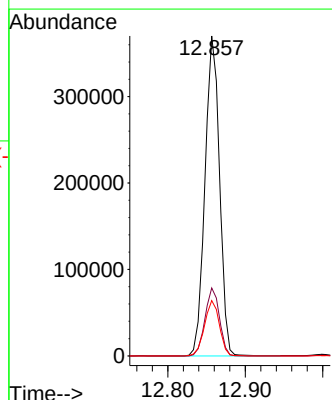
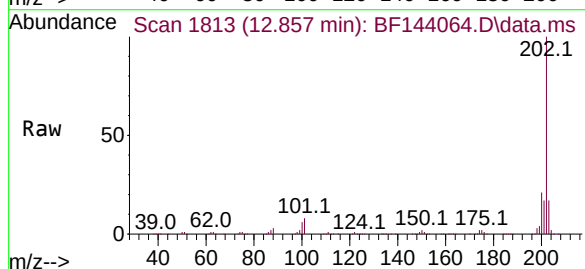
Tgt Ion:202 Resp: 483140

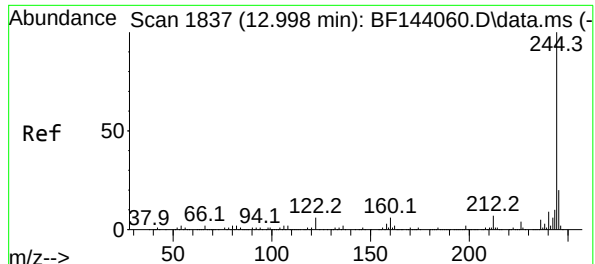
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 130.186 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

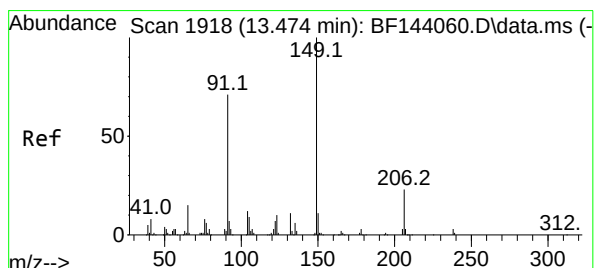
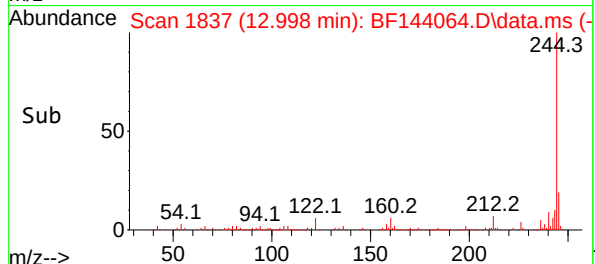
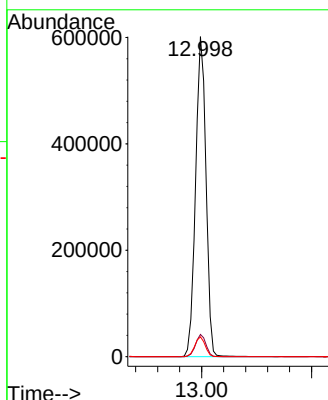
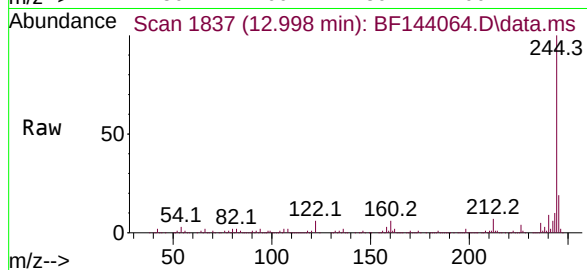
Tgt Ion:244 Resp: 789728

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 6.2 4.9 7.3



#80

Butylbenzylphthalate

Concen: 65.668 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

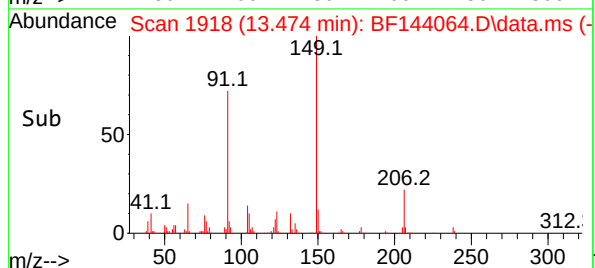
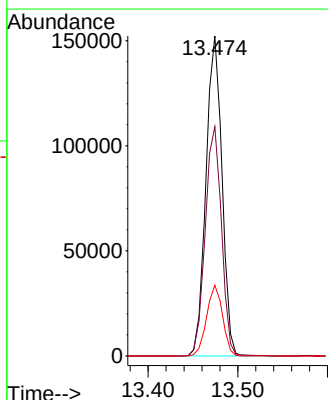
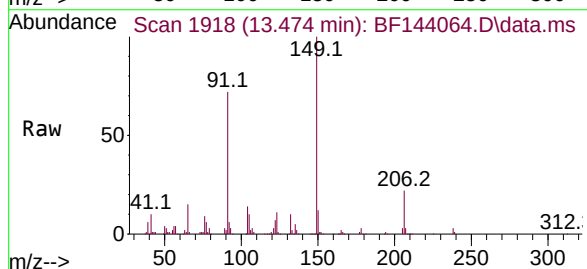
Tgt Ion:149 Resp: 189412

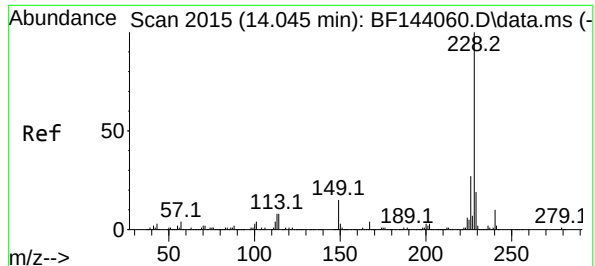
Ion Ratio Lower Upper

149 100

91 71.6 56.6 84.8

206 22.1 18.3 27.5

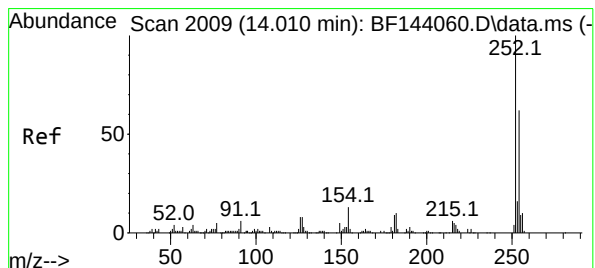
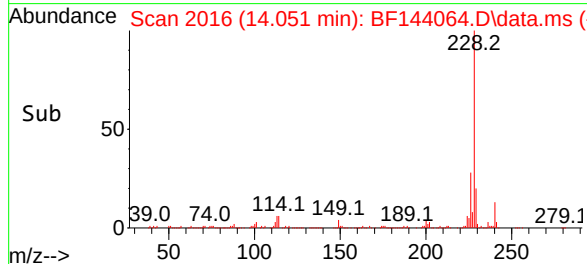
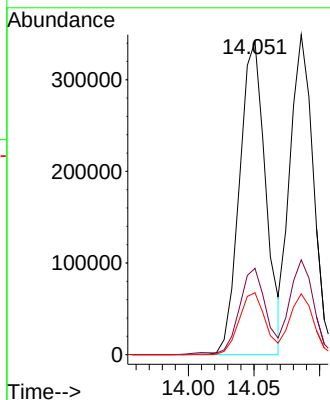
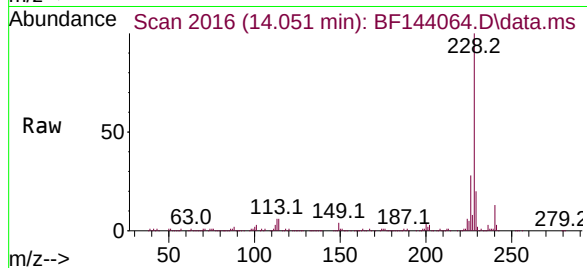




#81
Benzo(a)anthracene
Concen: 66.219 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

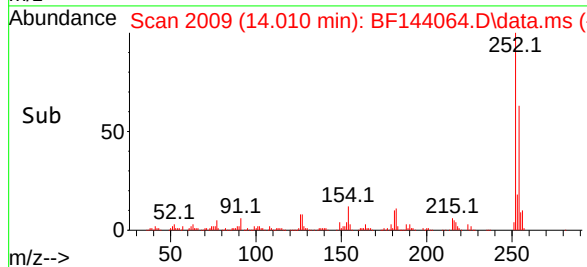
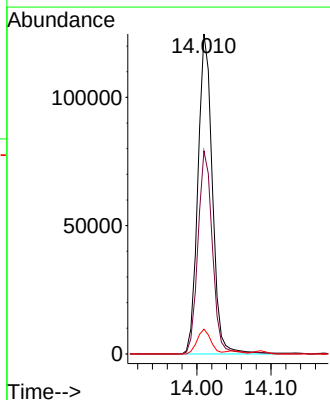
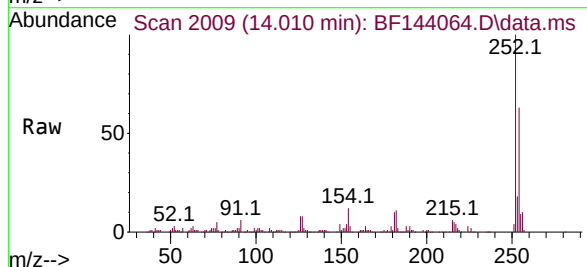
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

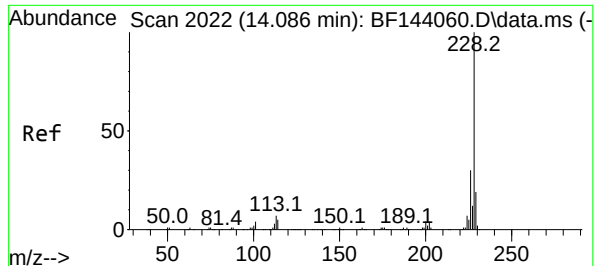
Tgt Ion:228 Resp: 474589
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.2
229 19.7 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 67.487 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:252 Resp: 168368
Ion Ratio Lower Upper
252 100
254 63.4 49.9 74.9
126 7.7 6.5 9.7





#83

Chrysene

Concen: 64.608 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

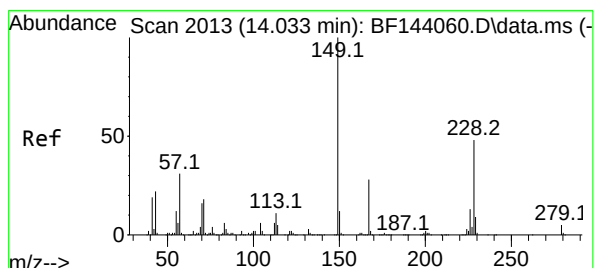
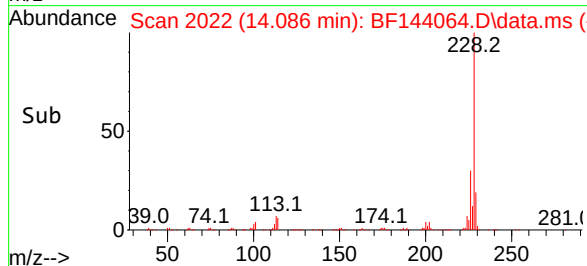
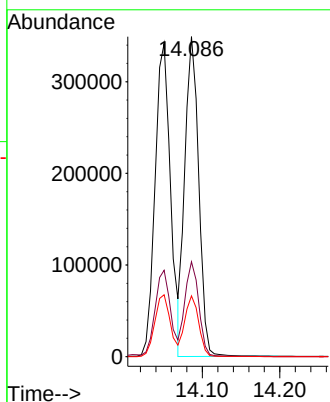
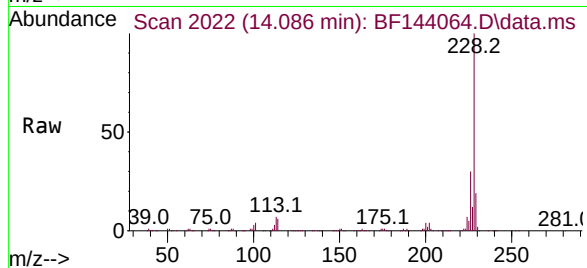
Tgt Ion:228 Resp: 434514

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.6

229 19.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.663 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

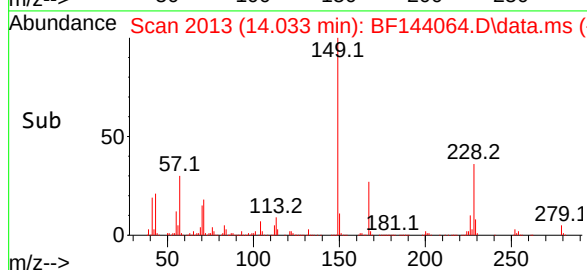
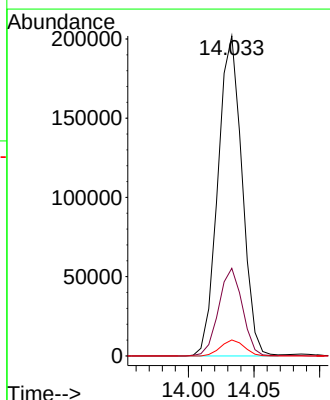
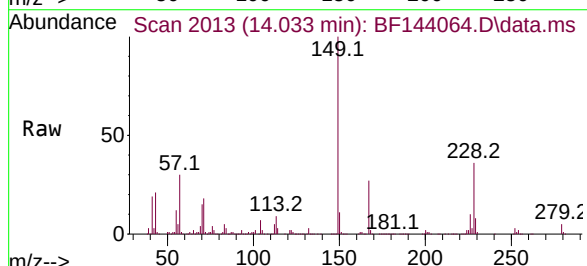
Tgt Ion:149 Resp: 258560

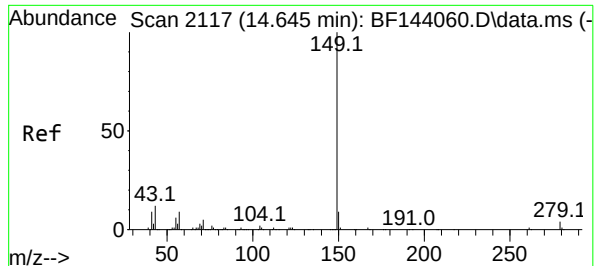
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 5.0 3.6 5.4

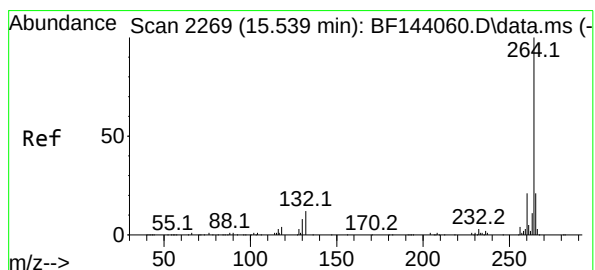
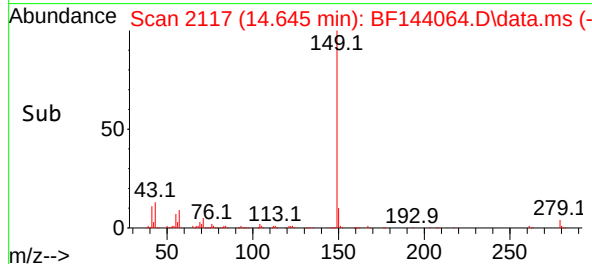
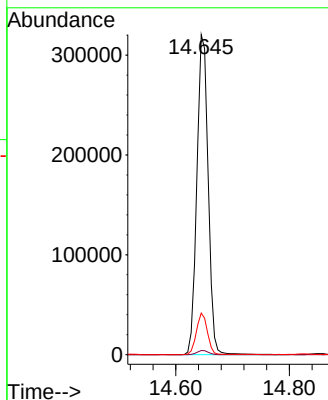
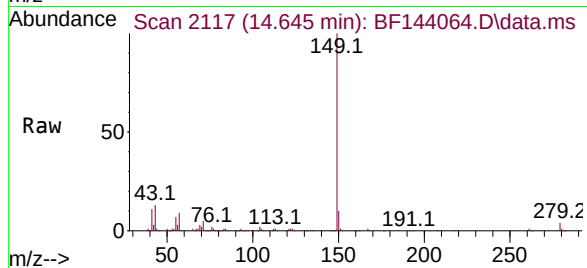




#85
Di-n-octyl phthalate
Concen: 64.942 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

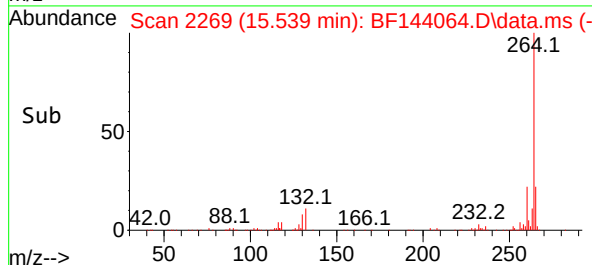
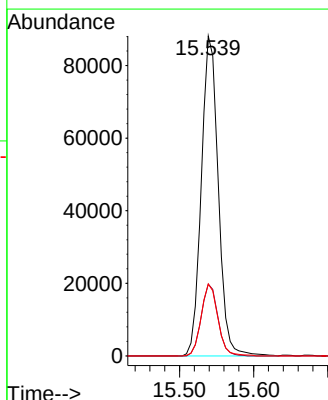
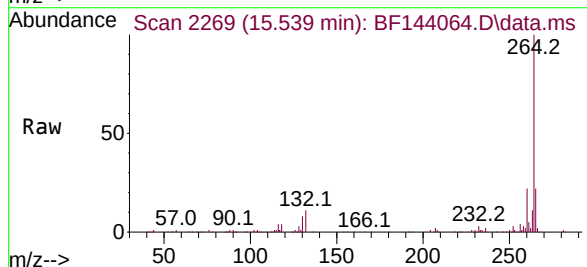
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

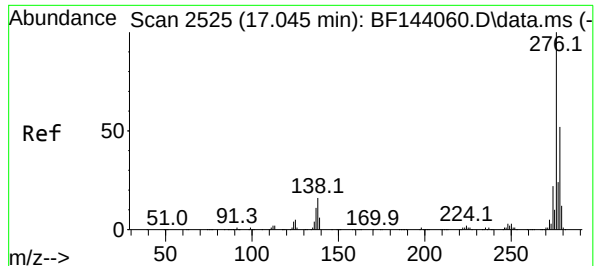
Tgt Ion:149 Resp: 439771
Ion Ratio Lower Upper
149 100
167 1.3 1.2 1.8
43 12.7 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

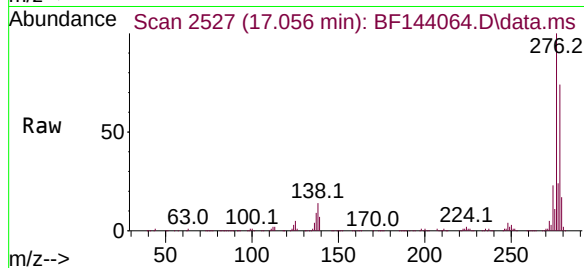
Tgt Ion:264 Resp: 140075
Ion Ratio Lower Upper
264 100
260 22.4 17.0 25.4
265 22.5 16.6 24.8



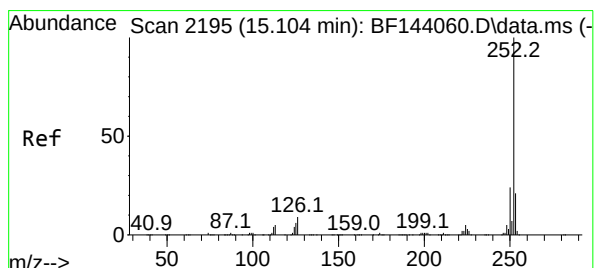
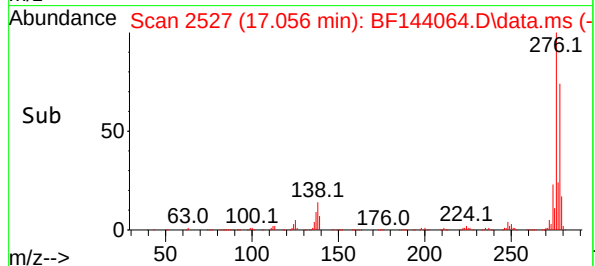
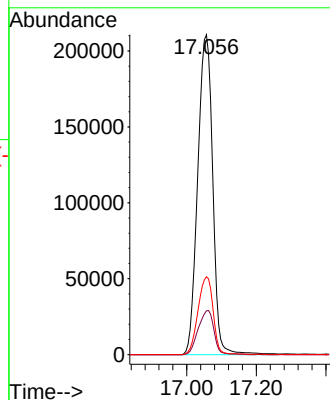


#87
Indeno(1,2,3-cd)pyrene
Concen: 65.606 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

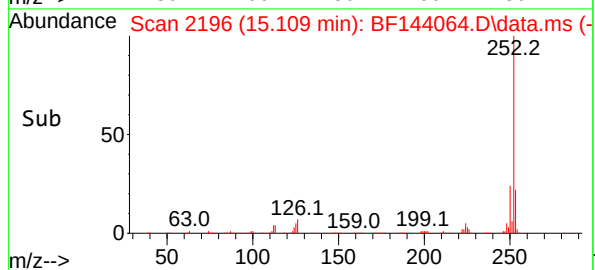
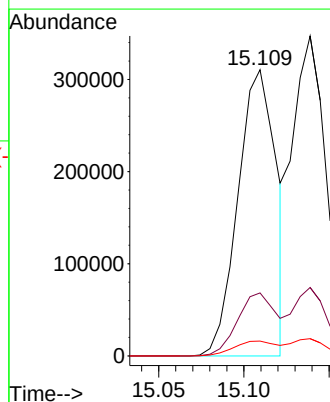
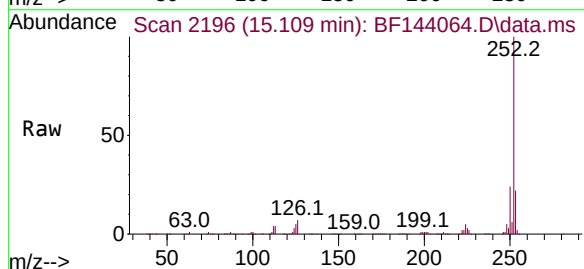


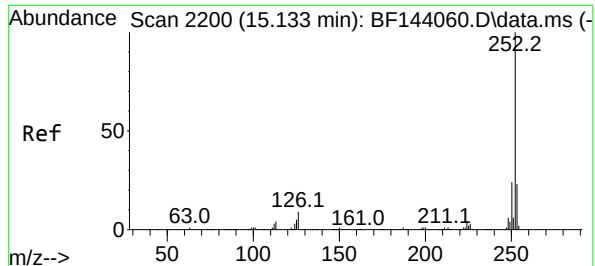
Tgt Ion:276 Resp: 630927
Ion Ratio Lower Upper
276 100
138 14.2 13.0 19.6
277 24.4 19.4 29.0



#88
Benzo(b)fluoranthene
Concen: 61.071 ng
RT: 15.109 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF144064.D
Acq: 24 Oct 2025 16:24

Tgt Ion:252 Resp: 483612
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 5.2 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 66.551 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

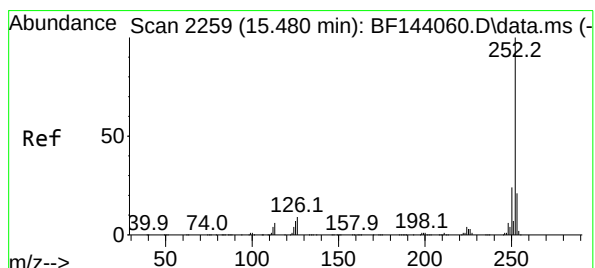
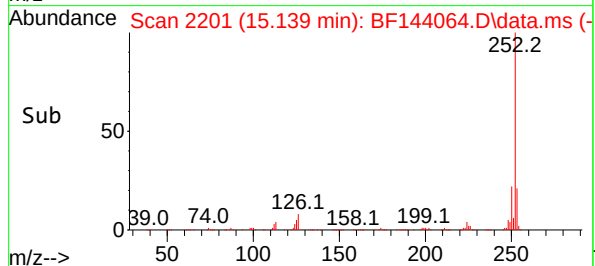
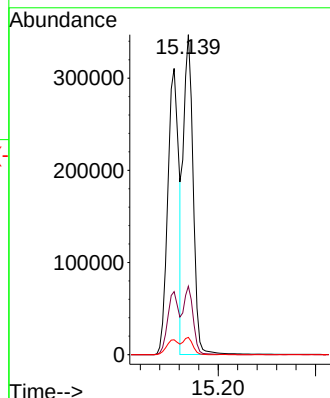
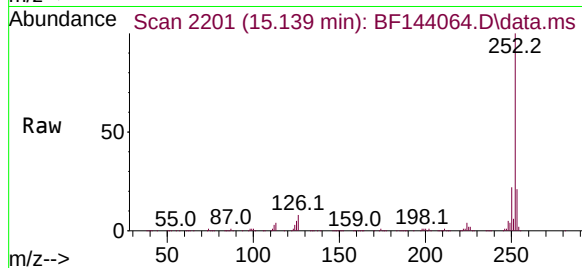
Tgt Ion:252 Resp: 486238

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 5.4 4.9 7.3



#90

Benzo(a)pyrene

Concen: 64.222 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.000 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

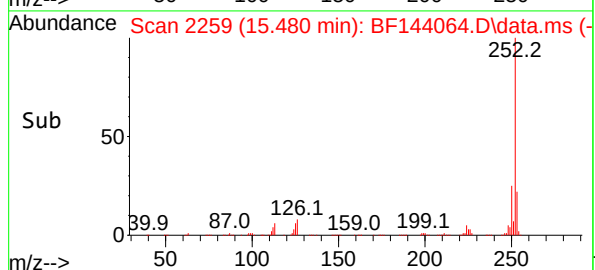
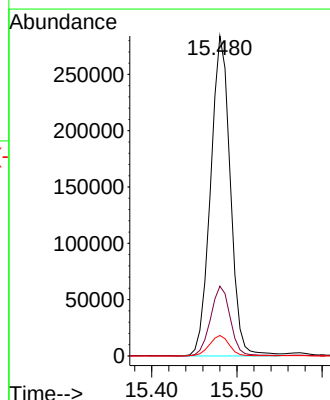
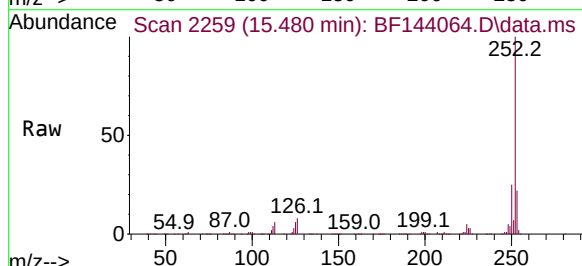
Tgt Ion:252 Resp: 456250

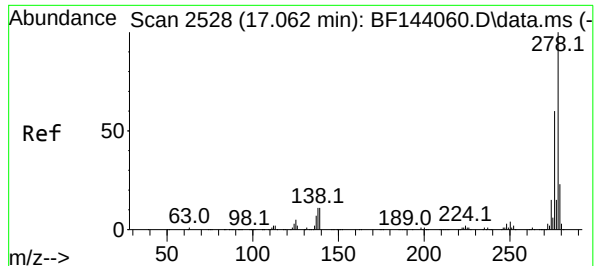
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 6.4 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 65.994 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

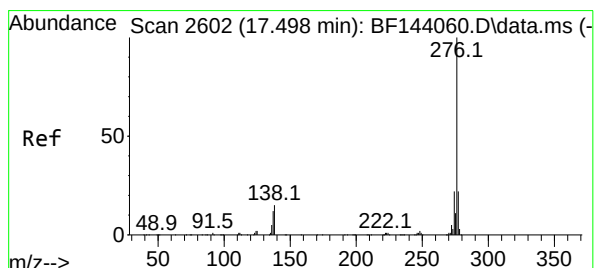
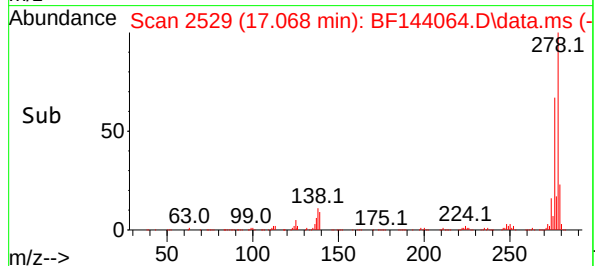
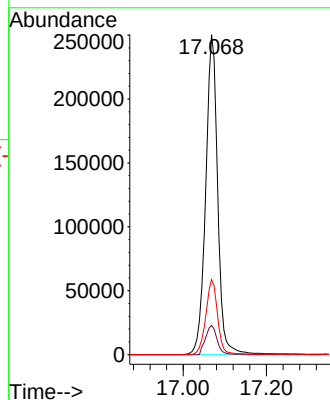
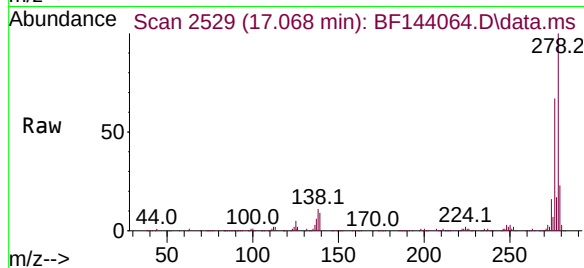
Tgt Ion:278 Resp: 502376

Ion Ratio Lower Upper

278 100

139 9.1 8.5 12.7

279 23.4 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 65.439 ng

RT: 17.509 min Scan# 2604

Delta R.T. 0.012 min

Lab File: BF144064.D

Acq: 24 Oct 2025 16:24

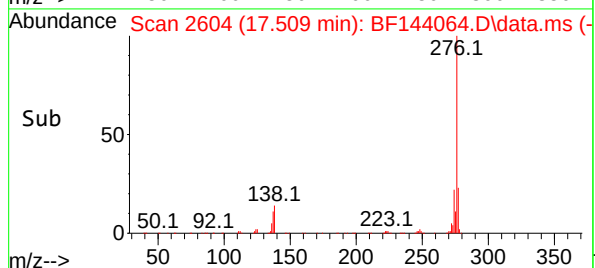
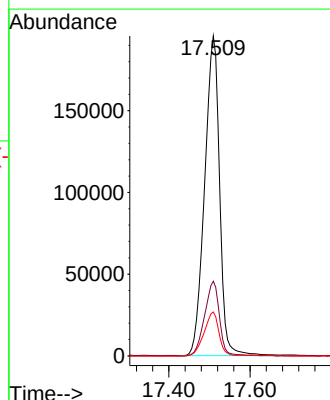
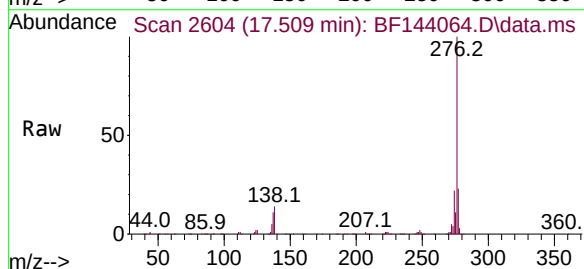
Tgt Ion:276 Resp: 500846

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 13.7 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	39660	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	138565	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	76145	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	127305	20.000	ng	0.00
76) Chrysene-d12	14.057	240	97298	20.000	ng	0.00
86) Perylene-d12	15.539	264	122912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	176184	70.283	ng	0.00
7) Phenol-d6	6.504	99	190899	68.955	ng	0.00
23) Nitrobenzene-d5	7.440	82	178800	70.696	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	66490	68.551	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	366420	67.717	ng	0.00
79) Terphenyl-d14	12.998	244	409300	73.542	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	38586	35.621	ng	94
3) Pyridine	3.405	79	94470	32.576	ng	96
4) n-Nitrosodimethylamine	3.346	42	65742	36.893	ng	93
6) Aniline	6.540	93	143853	36.320	ng	98
8) 2-Chlorophenol	6.663	128	82897	33.579	ng	98
9) Benzaldehyde	6.434	77	74914	34.852	ng	98
10) Phenol	6.516	94	119040	34.853	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	83544	33.851	ng	98
12) 1,3-Dichlorobenzene	6.822	146	112585	36.971	ng	99
13) 1,4-Dichlorobenzene	6.898	146	111592	37.183	ng	99
14) 1,2-Dichlorobenzene	7.051	146	104166	35.872	ng	99
15) Benzyl Alcohol	7.016	79	81782	36.330	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	160104	34.517	ng	100
17) 2-Methylphenol	7.128	107	66743	35.152	ng	96
18) Hexachloroethane	7.392	117	37228	34.696	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	62662	35.002	ng	99
20) 3+4-Methylphenols	7.281	107	81018	36.095	ng	92
22) Acetophenone	7.287	105	115151	38.453	ng	97
24) Nitrobenzene	7.457	77	98332	36.753	ng	97
25) Isophorone	7.698	82	160608	36.322	ng	100
26) 2-Nitrophenol	7.775	139	46278	36.360	ng	95
27) 2,4-Dimethylphenol	7.810	122	74530	39.405	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	97014	35.182	ng	97
29) 2,4-Dichlorophenol	8.016	162	78967	35.901	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	87660	38.739	ng	99
31) Naphthalene	8.181	128	234353	35.834	ng	99
32) Benzoic acid	7.922	122	52854	44.054	ng	88
33) 4-Chloroaniline	8.234	127	94319	41.428	ng	99
34) Hexachlorobutadiene	8.298	225	70793	38.260	ng	97
35) Caprolactam	8.587	113	19488	35.331	ng	# 84
36) 4-Chloro-3-methylphenol	8.710	107	70096	36.112	ng	94
37) 2-Methylnaphthalene	8.875	142	143296	33.233	ng	94
38) 1-Methylnaphthalene	8.975	142	146838	35.945	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	91910	35.121	ng	99
41) Hexachlorocyclopentadiene	9.028	237	39270	48.585	ng	94
43) 2,4,6-Trichlorophenol	9.151	196	57810	33.986	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	64300	36.018	ng	94
46) 1,1'-Biphenyl	9.339	154	192660	35.345	ng	99
47) 2-Chloronaphthalene	9.363	162	159410	34.908	ng	99
48) 2-Nitroaniline	9.457	65	49659	36.621	ng	95
49) Acenaphthylene	9.781	152	243055	39.474	ng	99
50) Dimethylphthalate	9.634	163	170189	34.098	ng	99
51) 2,6-Dinitrotoluene	9.698	165	34990	35.461	ng	96
52) Acenaphthene	9.951	154	144520	35.145	ng	99
53) 3-Nitroaniline	9.869	138	39278	35.804	ng	98
54) 2,4-Dinitrophenol	9.981	184	21935	41.102	ng	94
55) Dibenzofuran	10.122	168	194900	34.140	ng	98
56) 4-Nitrophenol	10.028	139	28418	38.254	ng	95
57) 2,4-Dinitrotoluene	10.104	165	49275	37.002	ng	96
58) Fluorene	10.469	166	151653	34.864	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.239	232	49354	39.232	ng	# 96
60) Diethylphthalate	10.333	149	166357	35.442	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	86789	35.479	ng	99
62) 4-Nitroaniline	10.481	138	35087	33.756	ng	90
63) Azobenzene	10.616	77	161807	36.422	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	30929	37.867	ng	97
66) n-Nitrosodiphenylamine	10.575	169	146733	36.075	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	56286	35.313	ng	96
68) Hexachlorobenzene	11.016	284	70184	35.903	ng	98
69) Atrazine	11.104	200	48908	36.643	ng	99
70) Pentachlorophenol	11.216	266	30927	33.237	ng	95
71) Phenanthrene	11.433	178	228423	36.120	ng	98
72) Anthracene	11.486	178	233757	35.782	ng	99
73) Carbazole	11.639	167	196006	35.250	ng	98
74) Di-n-butylphthalate	11.969	149	245199	35.967	ng	100
75) Fluoranthene	12.622	202	244043	34.929	ng	99
77) Benzidine	12.745	184	146518	48.386	ng	99
78) Pyrene	12.857	202	246902	35.297	ng	100
80) Butylbenzylphthalate	13.469	149	94583	35.741	ng	98
81) Benzo(a)anthracene	14.045	228	234218	35.620	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	97608	42.643	ng	99
83) Chrysene	14.080	228	224422	36.371	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	130456	36.110	ng	98
85) Di-n-octyl phthalate	14.645	149	218335	35.142	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.039	276	302575	35.856	ng	100
88) Benzo(b)fluoranthene	15.104	252	234274	33.715	ng	99
89) Benzo(k)fluoranthene	15.133	252	240517	37.516	ng	99
90) Benzo(a)pyrene	15.474	252	229237	36.773	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	240551	36.012	ng	98
92) Benzo(g,h,i)perylene	17.492	276	248094	36.942	ng	98

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

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Abundance

TIC: BF144065.D\data.ms

Time-->

1,4-Dioxane

Nitrosodiphenylamine,

2-Fluorophenol, S

Phenol-d6, S

Benzaldehyde

bis(2-chloroethyl)ether, chloroform

1,4-Benzoquinone

2,2'-oxybis[phenylene]

Hexachlorobenzene

Nitrobenzene-d5, S

Isopropyl methylphenol

2-Nitrophenol, C

Dibenzofuran

2-Chloronaphthalene

2-Methylnaphthalene

2-Chloronaphthalene

2-Fluorenylphenyl, S

Acenaphthylene

Acenaphthene, C

Dibenzofuran

4-Chlorophenylphenyl ether

n-Nitrosodiphenylamine, C

4-Bromophenylphenyl ether

Atrazine

Pentachlorophenol, C

Phenanthrene-d10, L

Carbazole

Di-n-butylphthalate

Fluoranthene, C

Pyrene

Butylbenzylphthalate

3,3'-Dichlorobenzidine, C

Bis(2-ethylhexyl)phthalic anhydride

Di-n-octyl phthalate, c

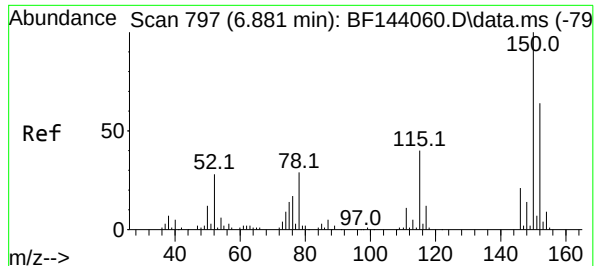
Benzothiazole

Benz(a)pyrene, C

Perylene-d12, I

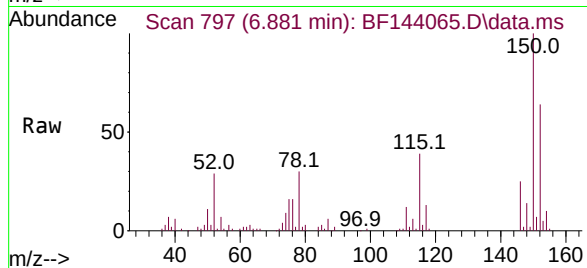
Dibenz(a,h)anthracene

Benzo(g,h,i)perylene

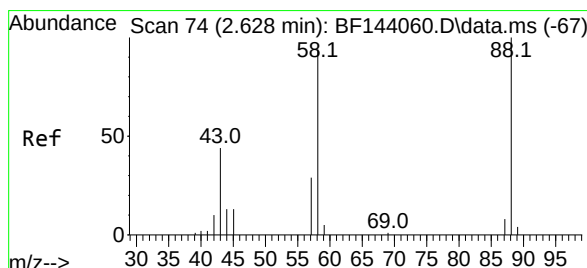
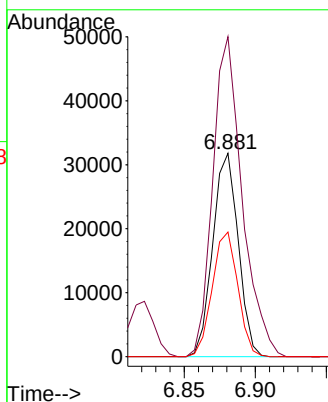
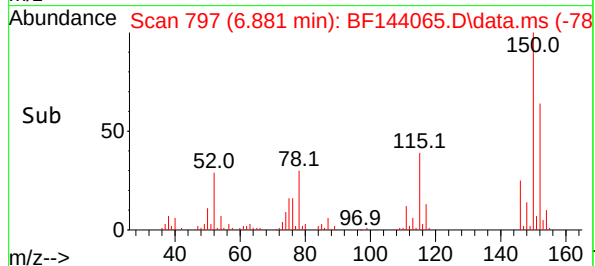


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

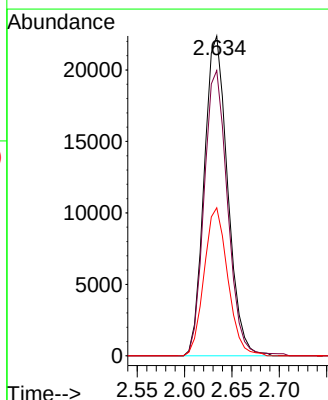
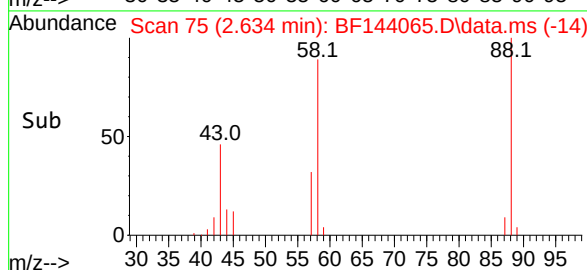
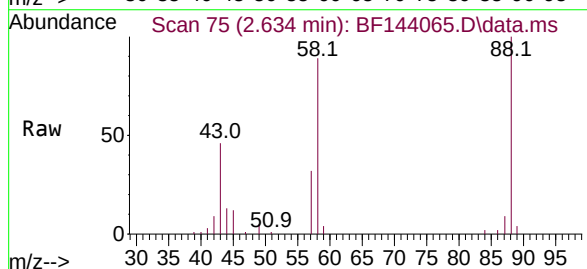


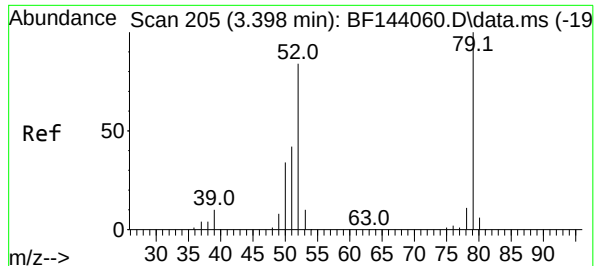
Tgt Ion:152 Resp: 39660
Ion Ratio Lower Upper
152 100
150 157.4 124.4 186.6
115 61.2 49.4 74.0



#2
1,4-Dioxane
Concen: 35.621 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 88 Resp: 38586
Ion Ratio Lower Upper
88 100
58 89.3 76.5 114.7
43 46.7 35.3 52.9

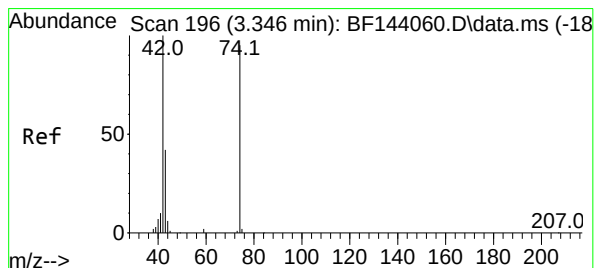
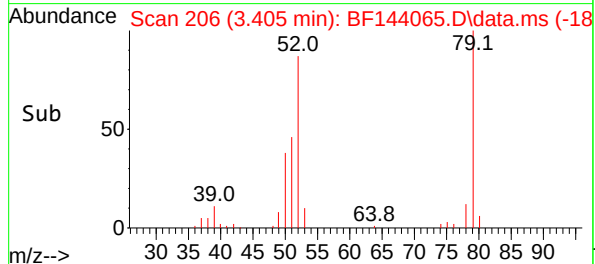
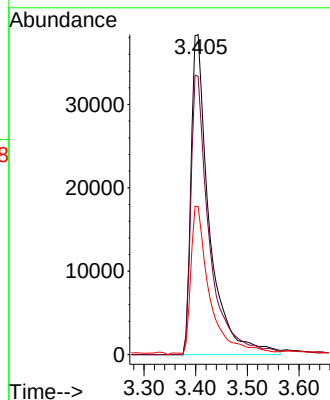
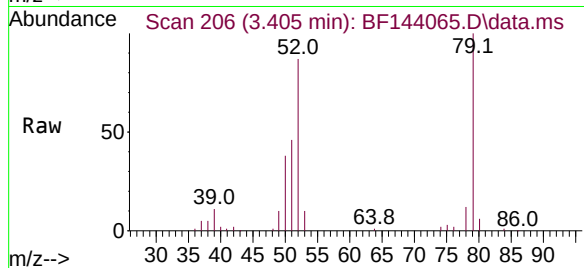




#3
Pyridine
Concen: 32.576 ng
RT: 3.405 min Scan# 205
Delta R.T. 0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

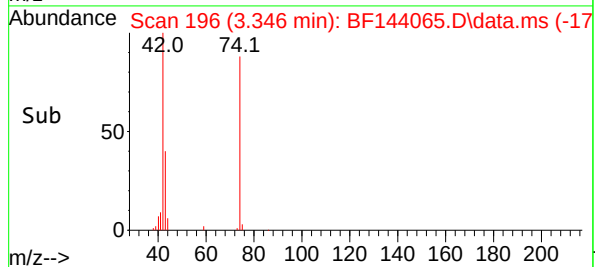
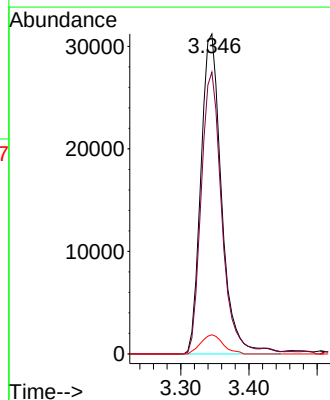
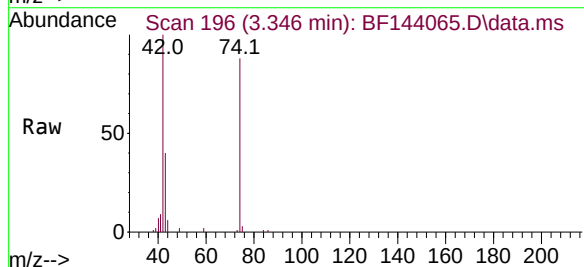
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

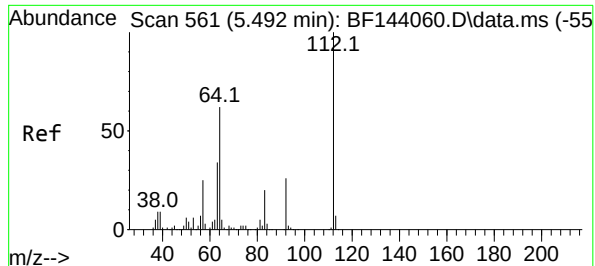
Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.0	67.5	101.3
51	46.3	33.6	50.4



#4
n-Nitrosodimethylamine
Concen: 36.893 ng
RT: 3.346 min Scan# 196
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
42	100		
74	88.1	76.4	114.6
44	6.0	5.2	7.8

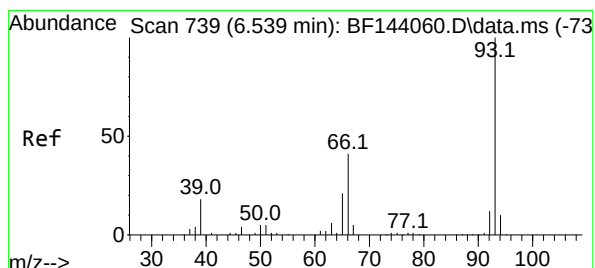
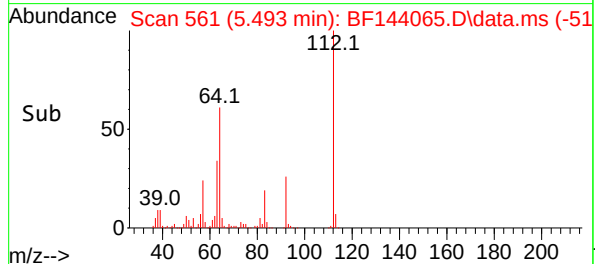
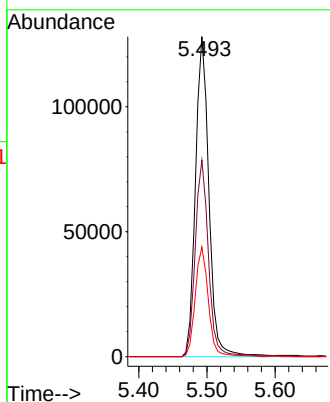
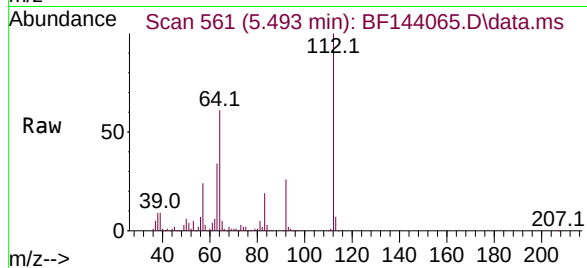




#5
2-Fluorophenol
Concen: 70.283 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

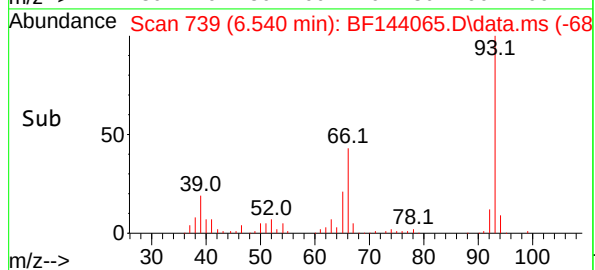
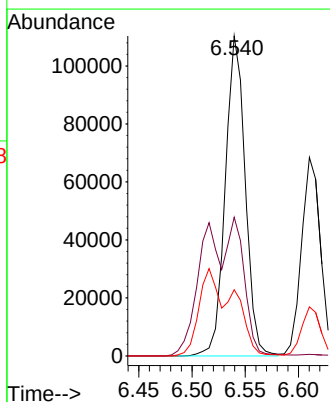
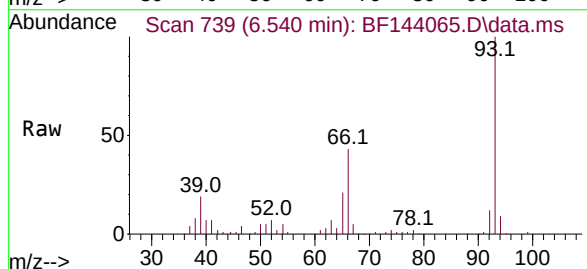
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

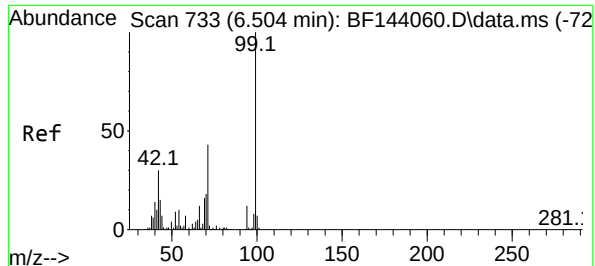
Tgt Ion:112 Resp: 176184
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.8
63 34.3 27.4 41.2



#6
Aniline
Concen: 36.320 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 93 Resp: 143853
Ion Ratio Lower Upper
93 100
66 43.3 35.7 53.5
65 20.7 17.0 25.6





#7

Phenol-d6

Concen: 68.955 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

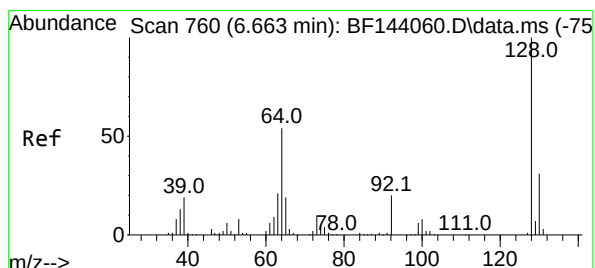
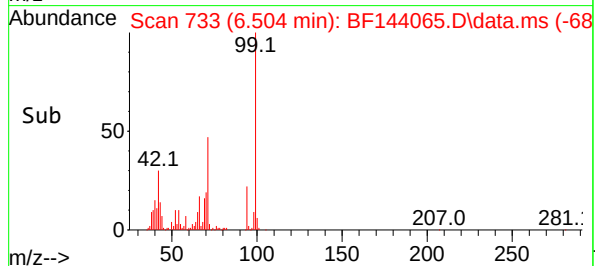
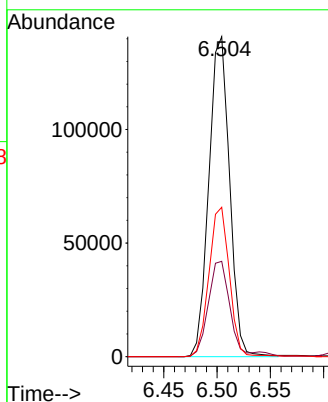
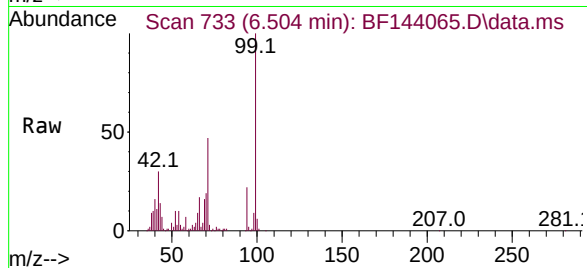
Tgt Ion: 99 Resp: 190899

Ion Ratio Lower Upper

99 100

42 29.8 23.9 35.9

71 46.7 34.4 51.6



#8

2-Chlorophenol

Concen: 33.579 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

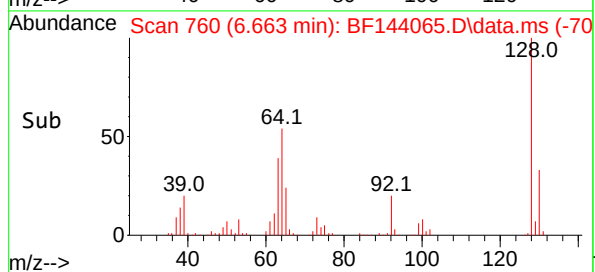
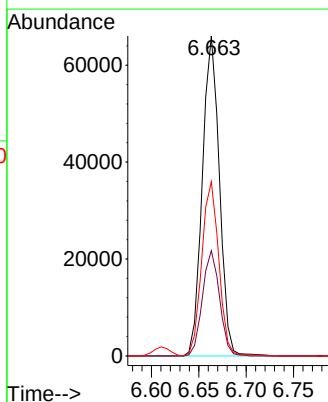
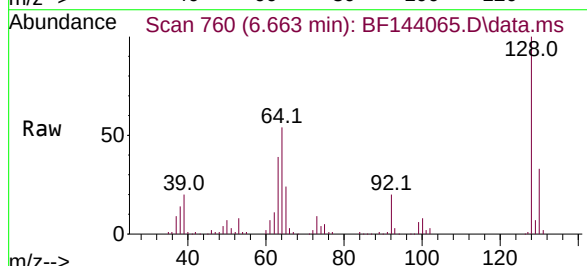
Tgt Ion: 128 Resp: 82897

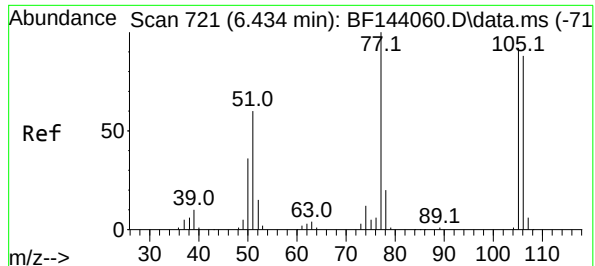
Ion Ratio Lower Upper

128 100

130 32.9 10.7 50.7

64 54.4 34.7 74.7





#9

Benzaldehyde

Concen: 34.852 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

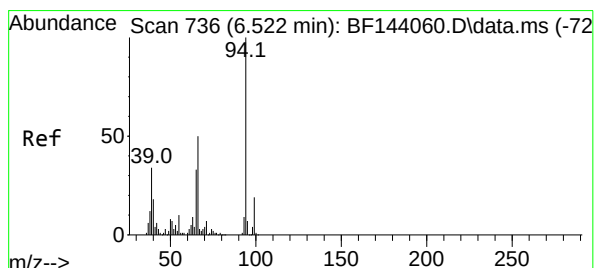
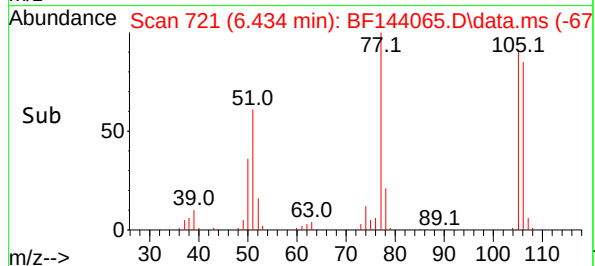
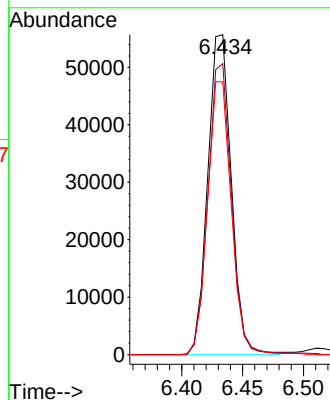
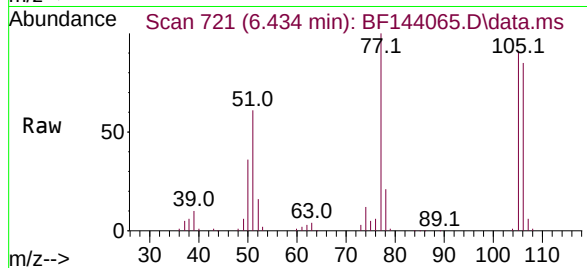
Tgt Ion: 77 Resp: 74914

Ion Ratio Lower Upper

77 100

105 90.9 72.2 112.2

106 85.3 67.9 107.9



#10

Phenol

Concen: 34.853 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

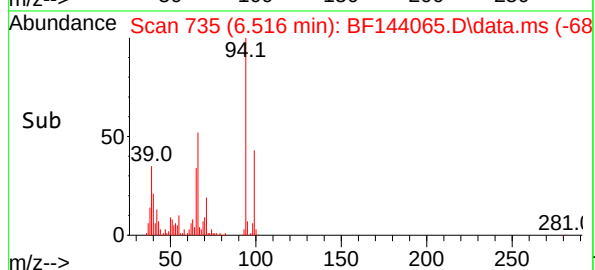
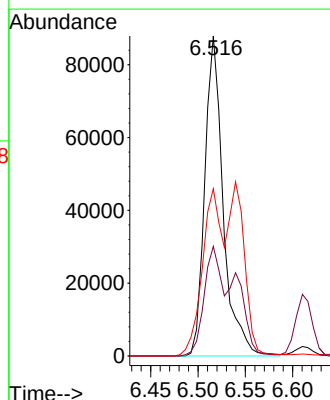
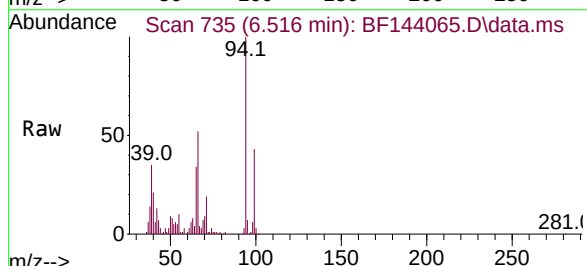
Tgt Ion: 94 Resp: 119040

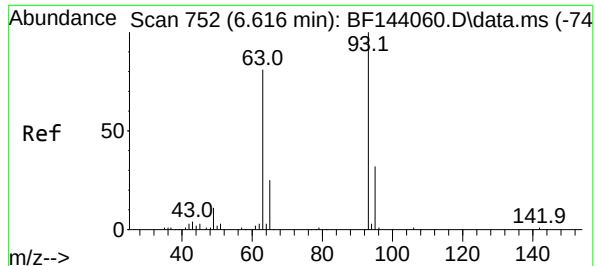
Ion Ratio Lower Upper

94 100

65 34.2 13.1 53.1

66 52.2 30.6 70.6

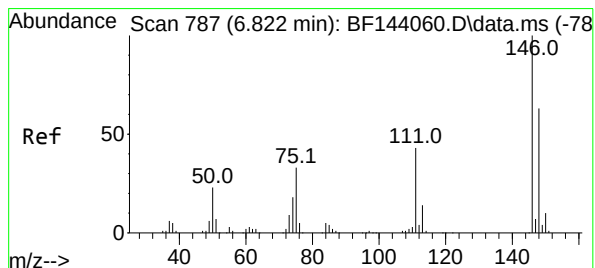
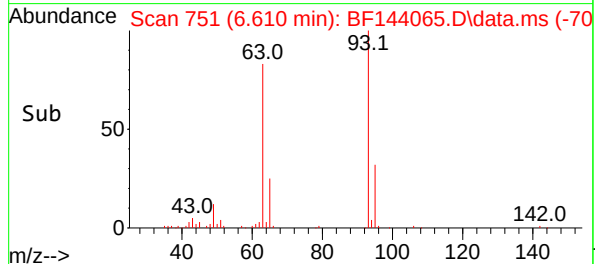
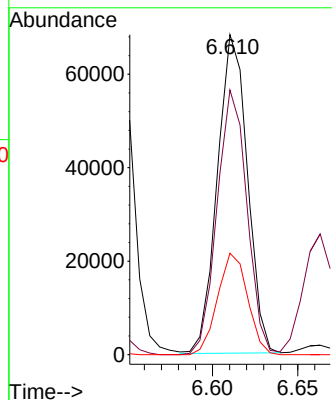
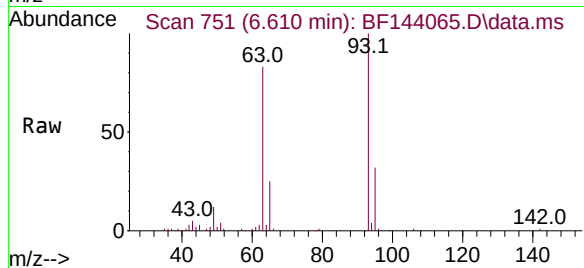




#11
bis(2-Chloroethyl)ether
Concen: 33.851 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

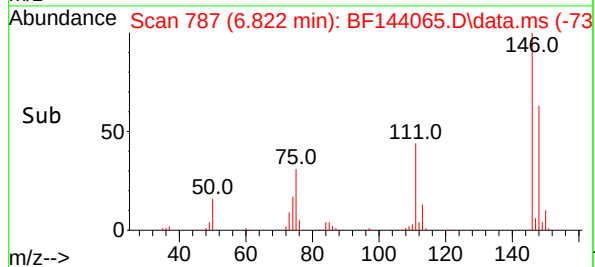
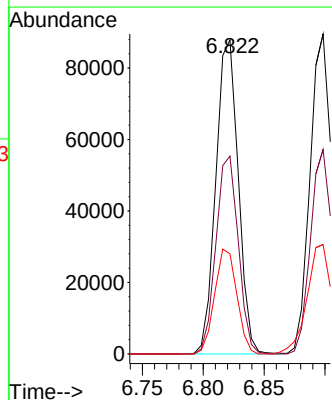
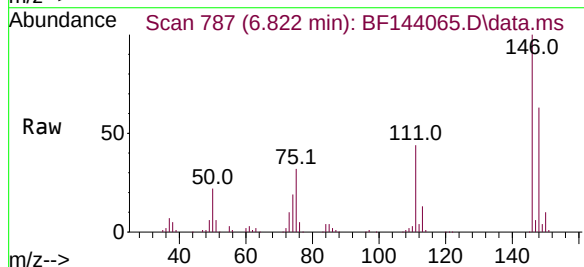
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BNA_F
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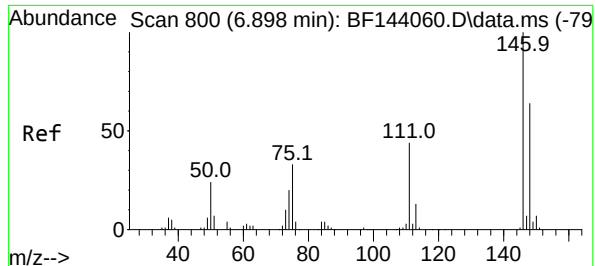
Tgt Ion: 93 Resp: 83544
Ion Ratio Lower Upper
93 100
63 82.7 60.2 100.2
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.971 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:146 Resp: 112585
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
75 31.9 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 37.183 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

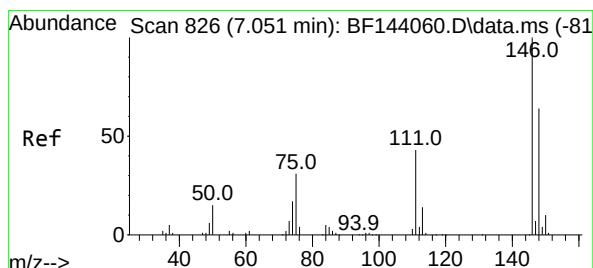
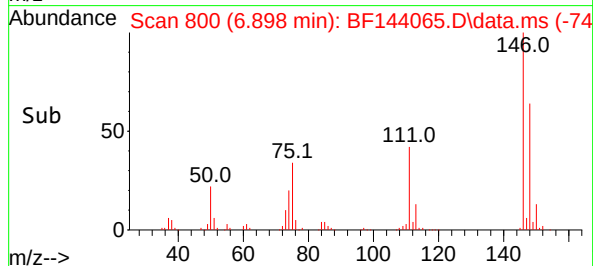
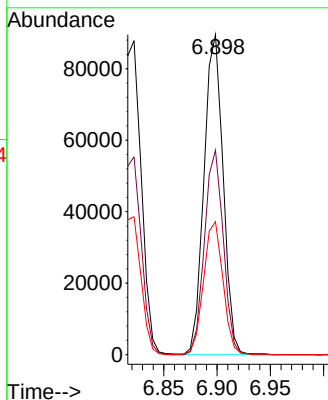
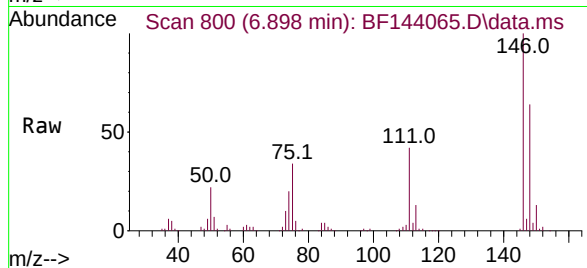
Tgt Ion:146 Resp: 111592

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 41.5 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 35.872 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

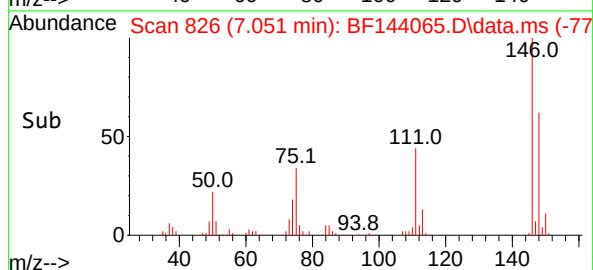
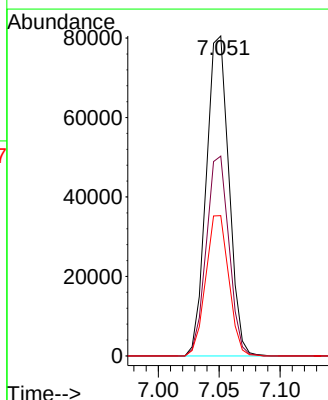
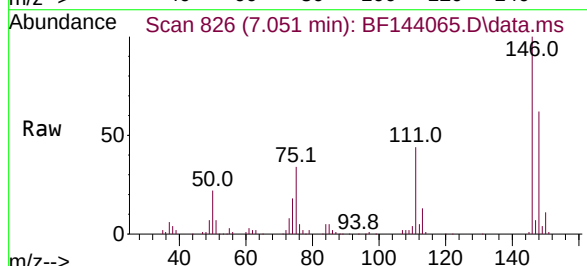
Tgt Ion:146 Resp: 104166

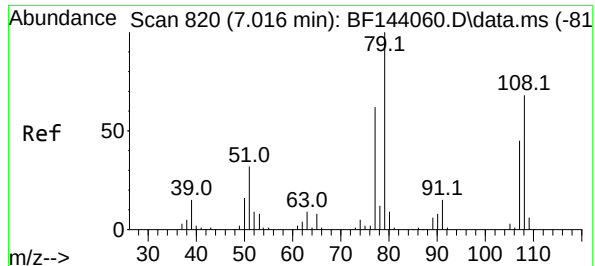
Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

111 43.8 34.7 52.1





#15

Benzyl Alcohol

Concen: 36.330 ng

RT: 7.016 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

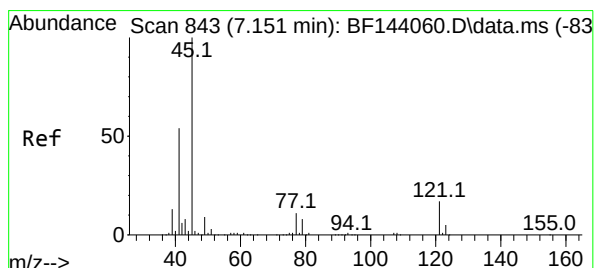
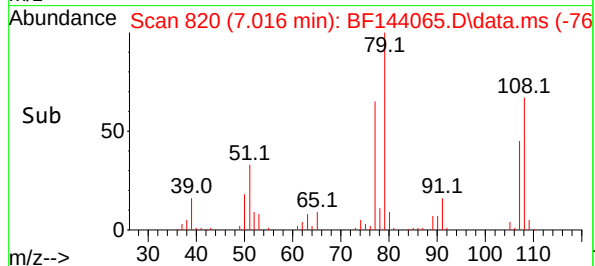
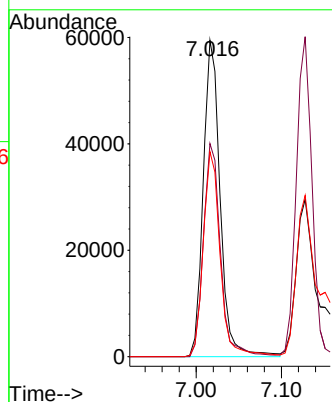
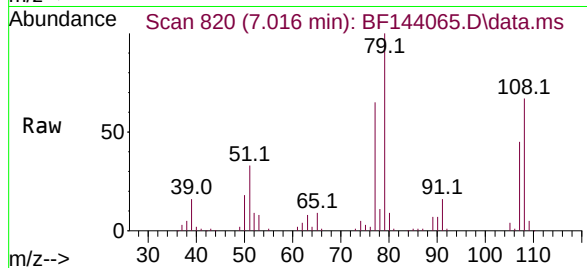
Tgt Ion: 79 Resp: 81782

Ion Ratio Lower Upper

79 100

108 67.4 54.8 82.2

77 64.8 49.4 74.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.517 ng

RT: 7.151 min Scan# 843

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

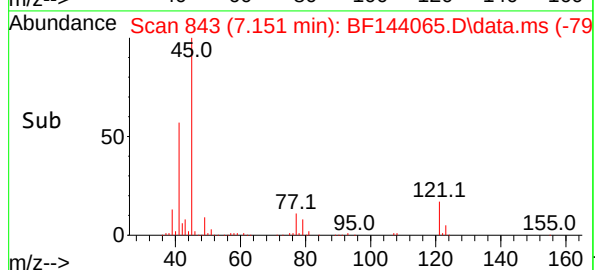
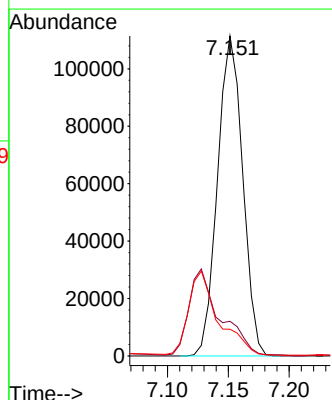
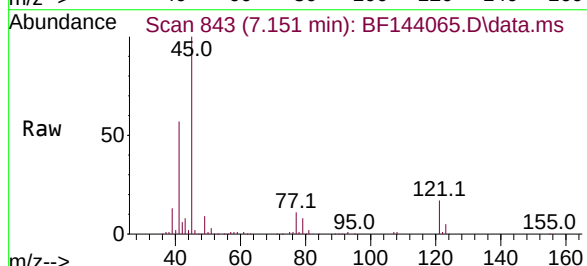
Tgt Ion: 45 Resp: 160104

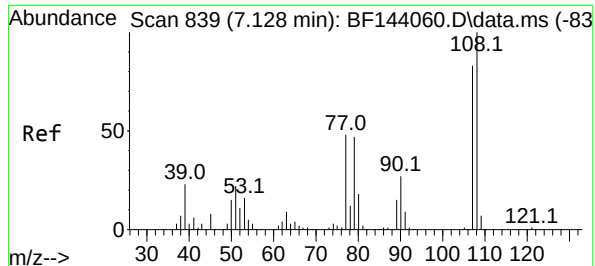
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.9

79 8.3 0.0 28.2

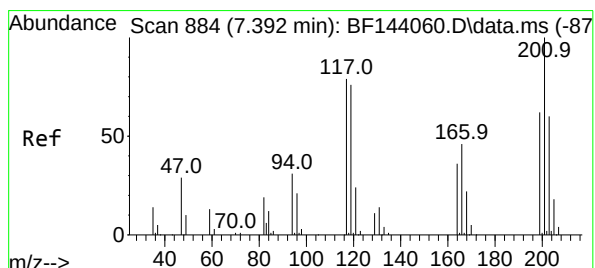
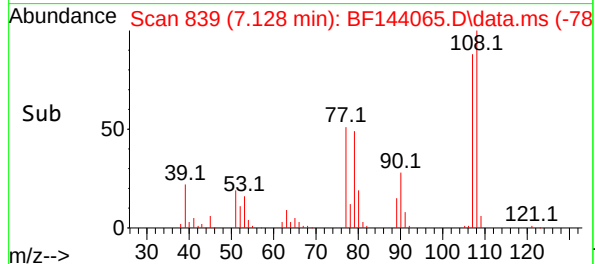
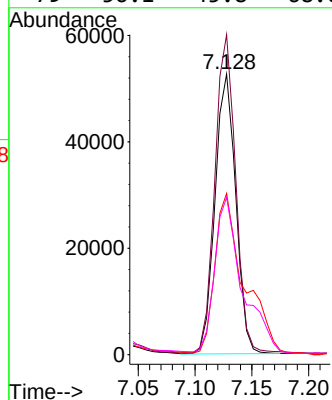
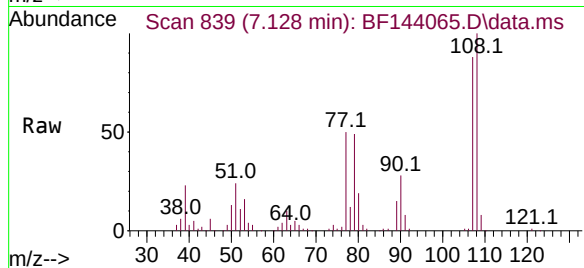




#17
2-Methylphenol
Concen: 35.152 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

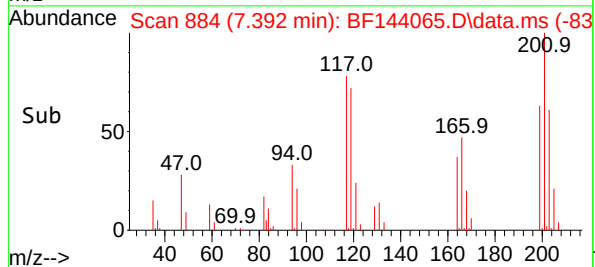
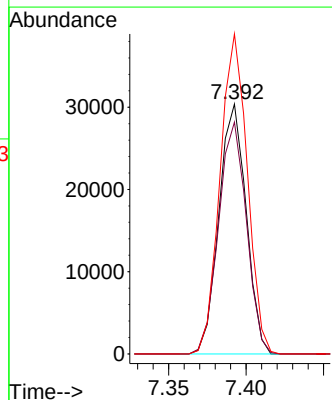
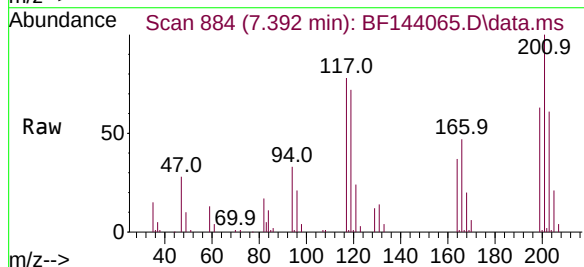
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

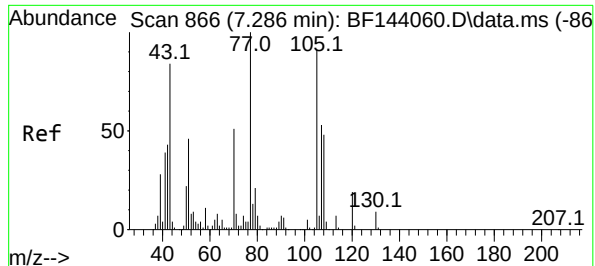
Tgt Ion:	107	Resp:	66743
Ion	Ratio	Lower	Upper
107	100		
108	114.1	96.4	144.6
77	57.5	46.8	70.2
79	56.1	45.8	68.6



#18
Hexachloroethane
Concen: 34.696 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:	117	Resp:	37228
Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.6	115.0
201	128.1	100.9	151.3





#19

n-Nitroso-di-n-propylamine

Concen: 35.002 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion: 70 Resp: 62662

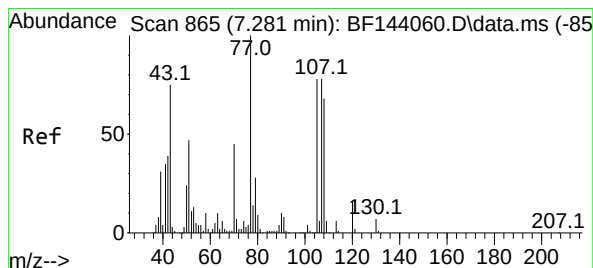
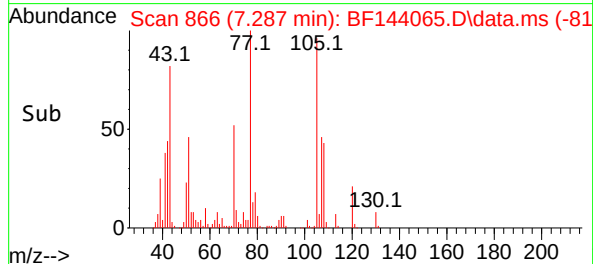
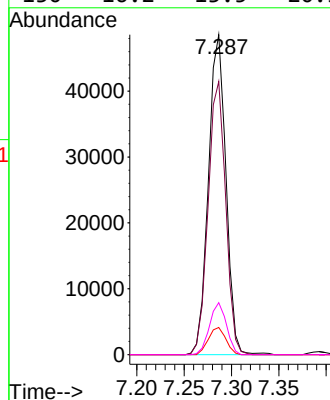
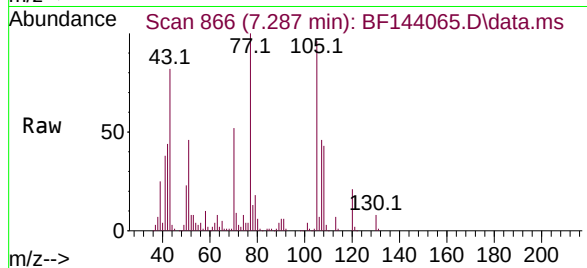
Ion Ratio Lower Upper

70 100

42 85.3 67.4 101.0

101 8.5 7.1 10.7

130 16.2 13.5 20.3



#20

3+4-Methylphenols

Concen: 36.095 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion: 107 Resp: 81018

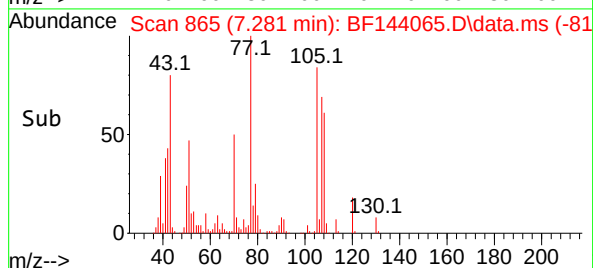
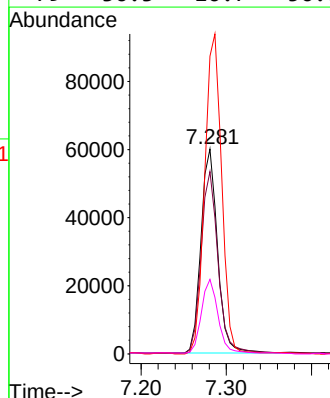
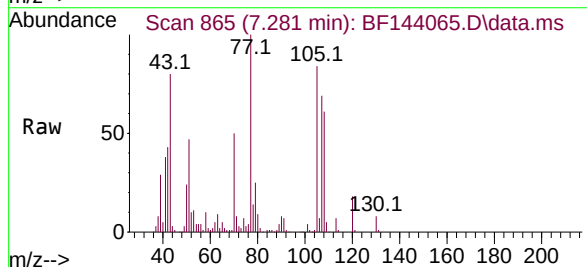
Ion Ratio Lower Upper

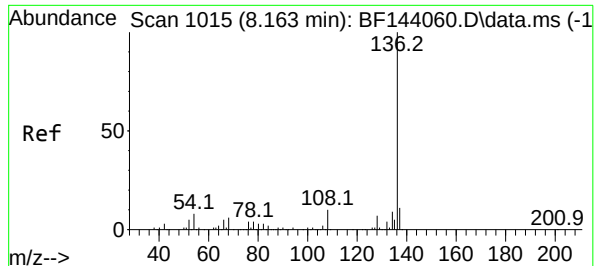
107 100

108 88.9 68.0 108.0

77 145.2 108.7 148.7

79 36.3 16.7 56.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1015

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion:136 Resp: 138565

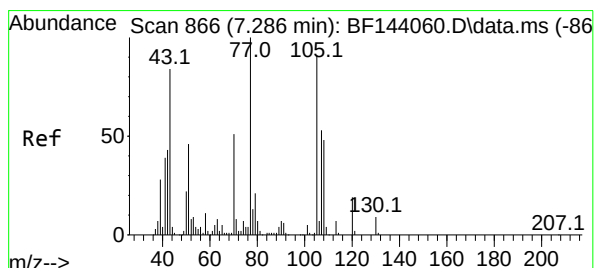
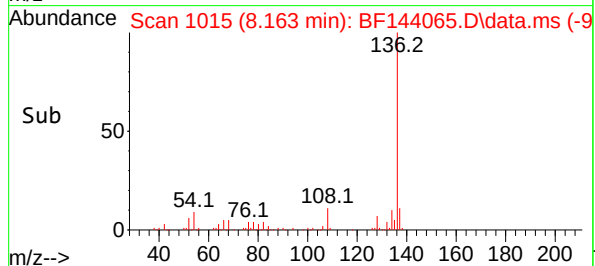
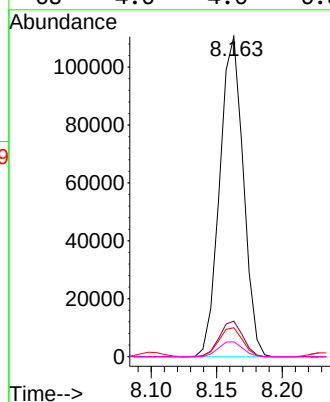
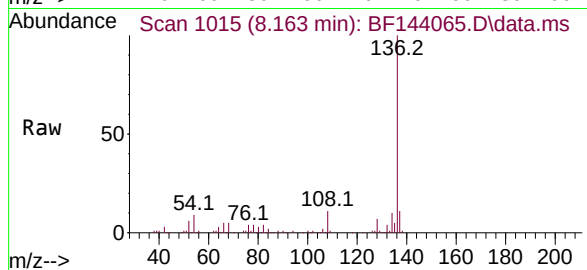
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.0 6.6 9.8

68 4.6 4.6 6.8



#22

Acetophenone

Concen: 38.453 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:105 Resp: 115151

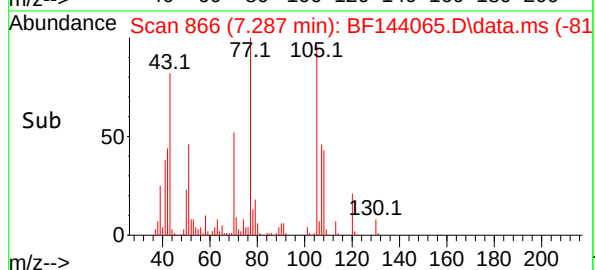
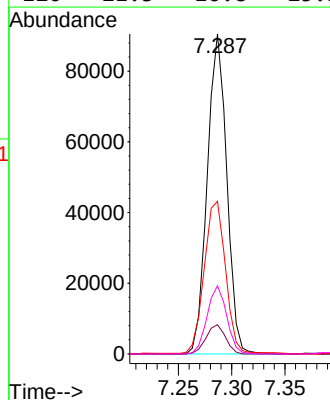
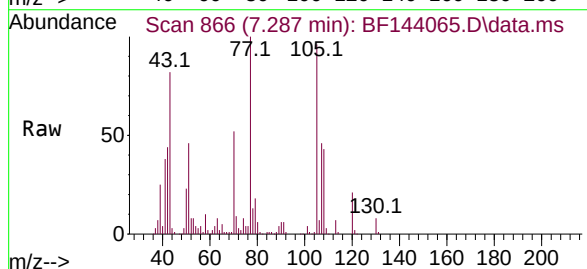
Ion Ratio Lower Upper

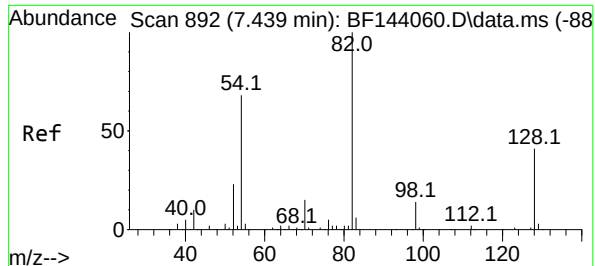
105 100

71 9.1 6.9 10.3

51 47.7 40.6 60.8

120 21.3 16.8 25.2





#23

Nitrobenzene-d5

Concen: 70.696 ng

RT: 7.440 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

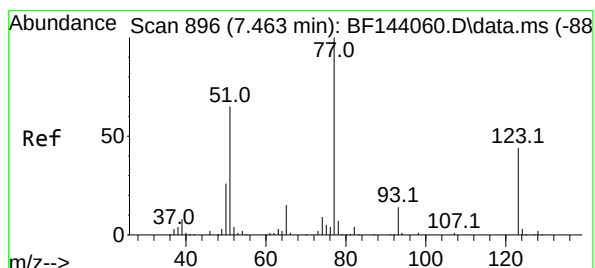
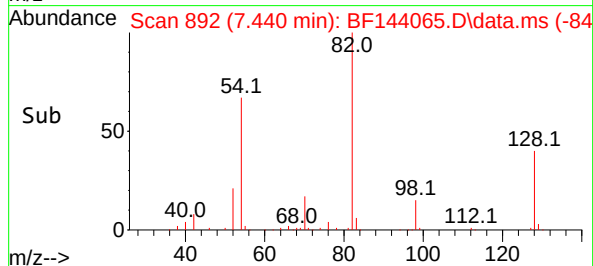
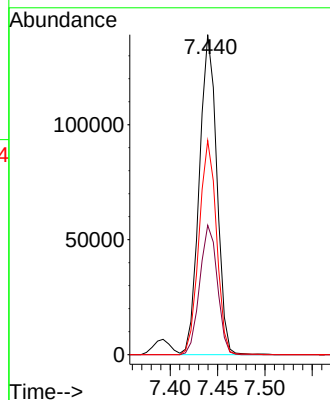
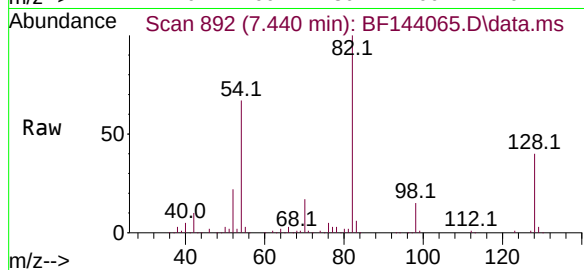
Tgt Ion: 82 Resp: 178800

Ion Ratio Lower Upper

82 100

128 40.4 32.4 48.6

54 66.9 54.0 81.0



#24

Nitrobenzene

Concen: 36.753 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

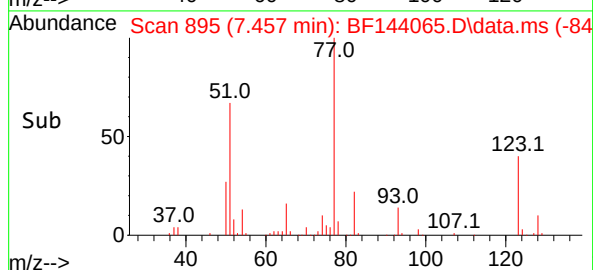
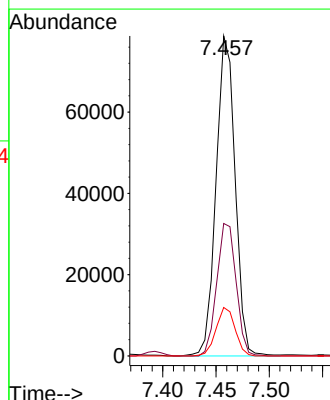
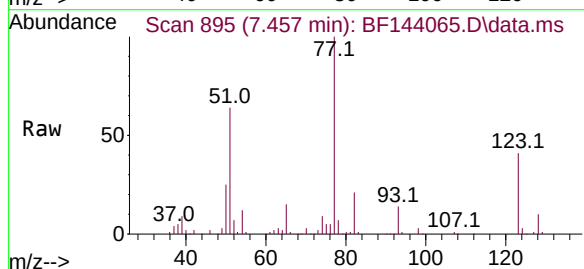
Tgt Ion: 77 Resp: 98332

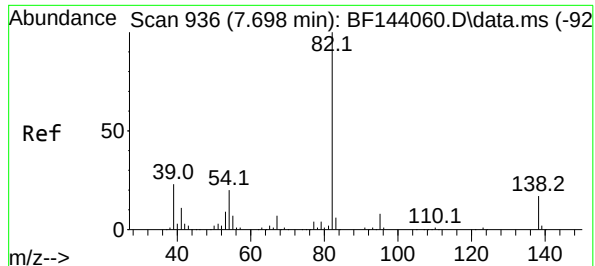
Ion Ratio Lower Upper

77 100

123 41.4 35.0 52.6

65 15.1 12.2 18.2





#25

Isophorone

Concen: 36.322 ng

RT: 7.698 min Scan# 936

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

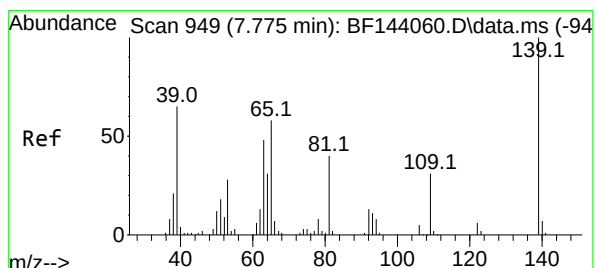
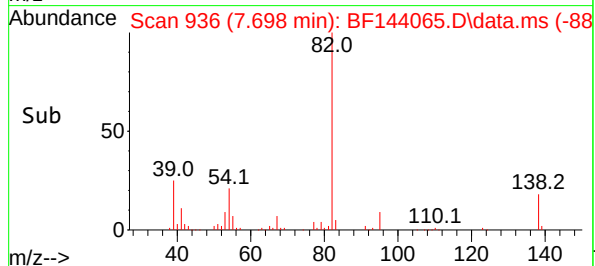
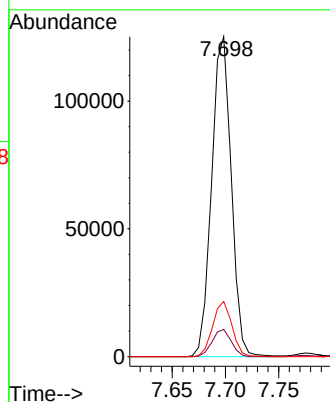
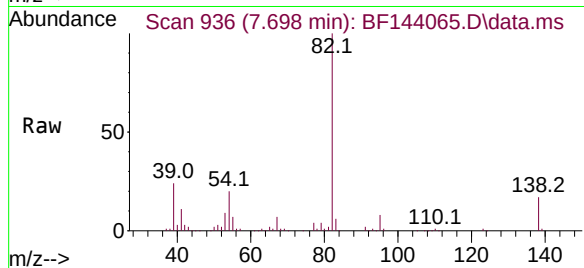
Tgt Ion: 82 Resp: 160608

Ion Ratio Lower Upper

82 100

95 8.5 6.6 9.8

138 17.2 13.8 20.8



#26

2-Nitrophenol

Concen: 36.360 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

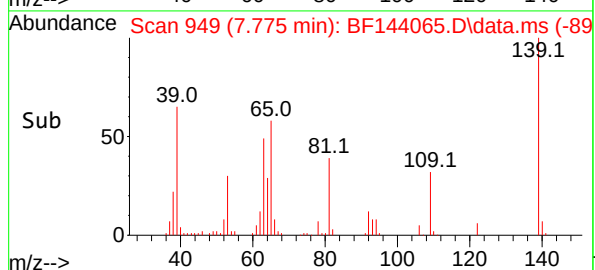
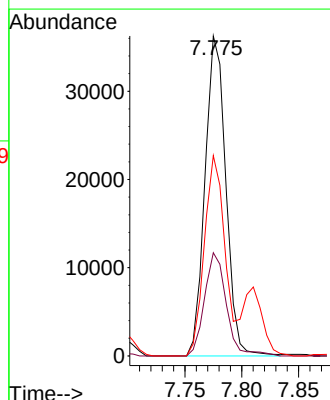
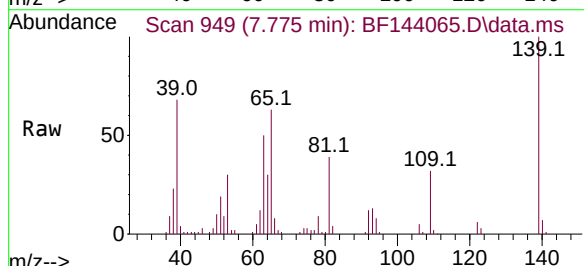
Tgt Ion:139 Resp: 46278

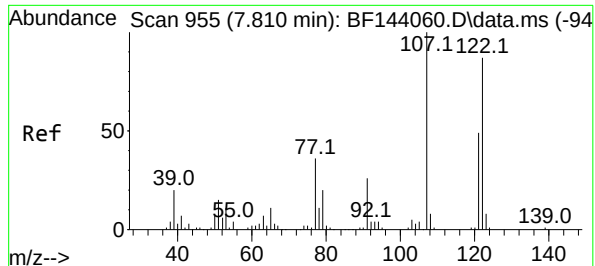
Ion Ratio Lower Upper

139 100

109 32.2 24.6 37.0

65 62.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 39.405 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

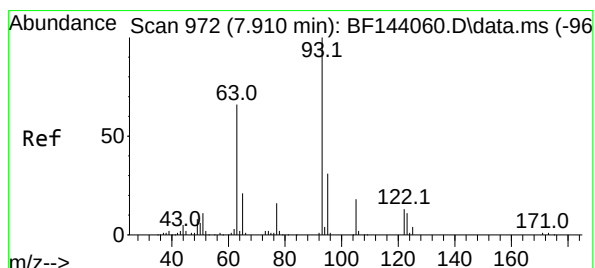
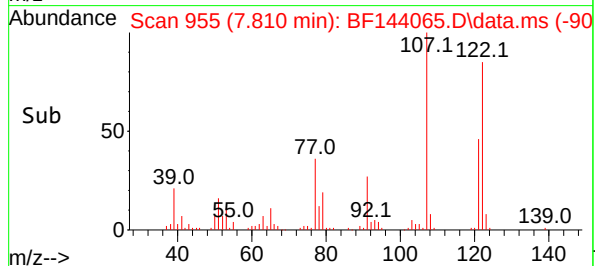
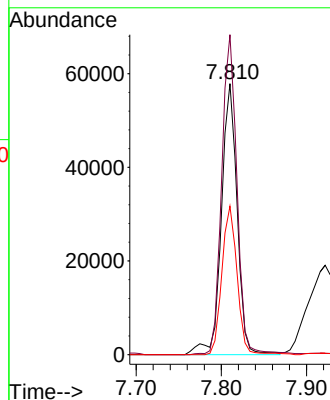
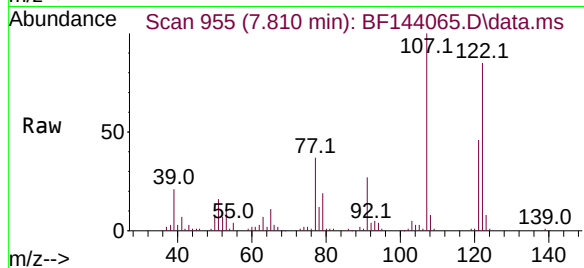
Tgt Ion:122 Resp: 74530

Ion Ratio Lower Upper

122 100

107 118.1 91.8 137.8

121 54.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.182 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

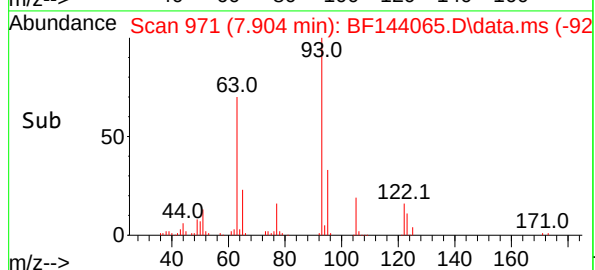
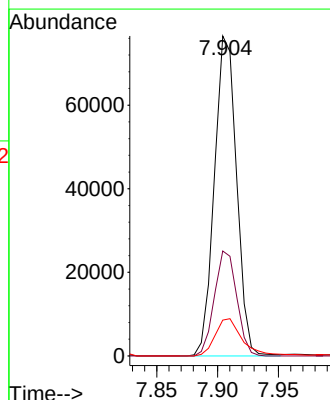
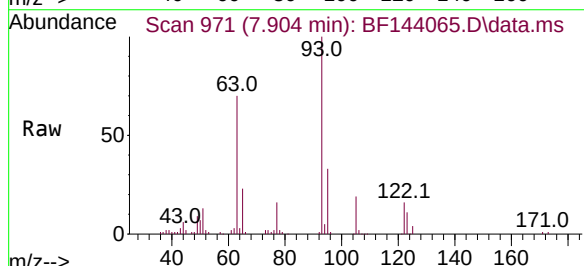
Tgt Ion: 93 Resp: 97014

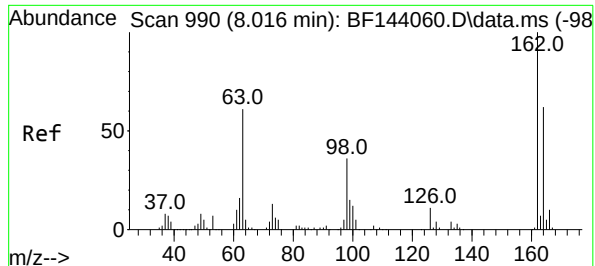
Ion Ratio Lower Upper

93 100

95 32.8 24.6 36.8

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 35.901 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

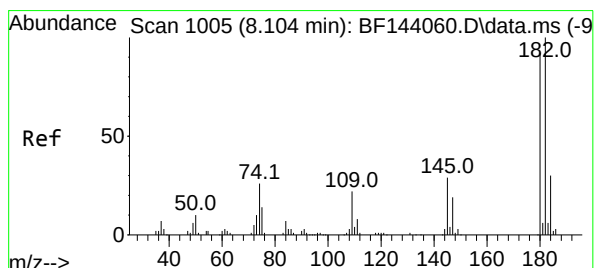
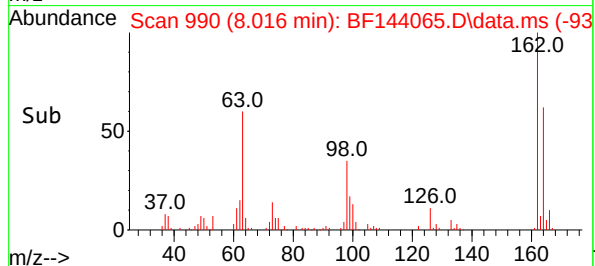
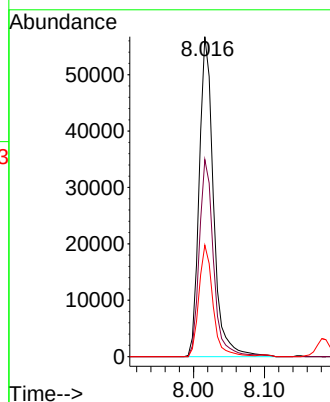
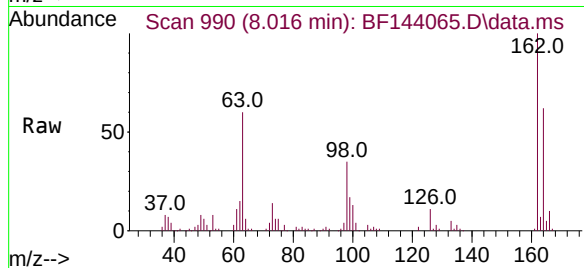
Tgt Ion:162 Resp: 78967

Ion Ratio Lower Upper

162 100

164 61.6 42.1 82.1

98 34.8 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 38.739 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

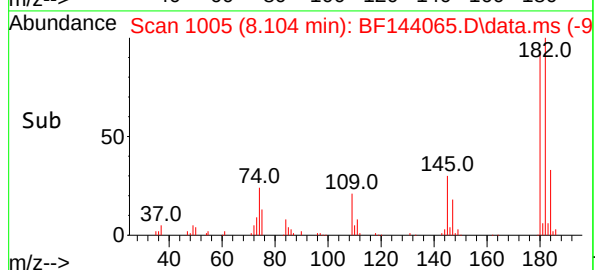
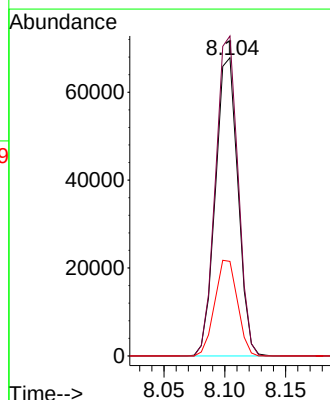
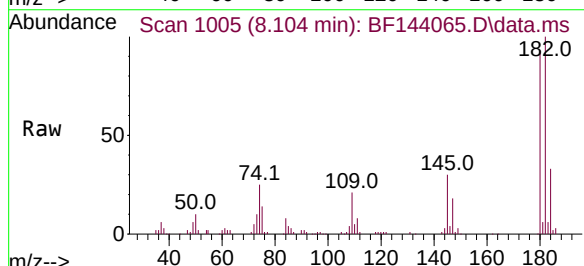
Tgt Ion:180 Resp: 87660

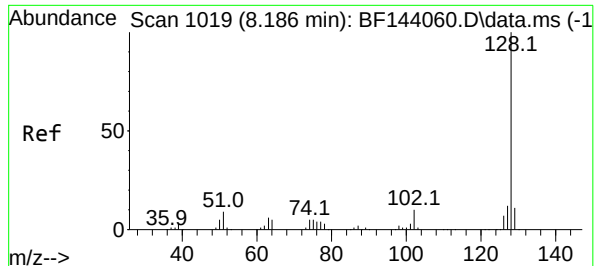
Ion Ratio Lower Upper

180 100

182 107.3 87.1 130.7

145 31.7 25.3 37.9

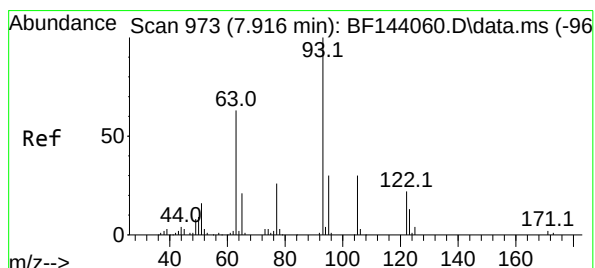
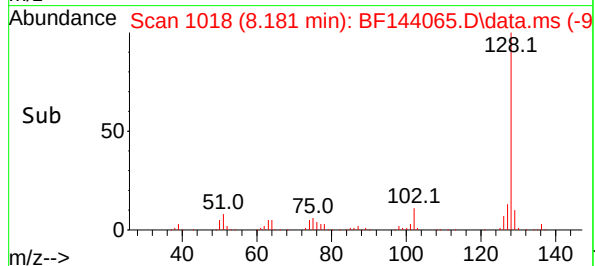
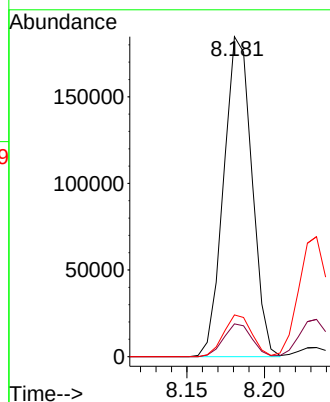
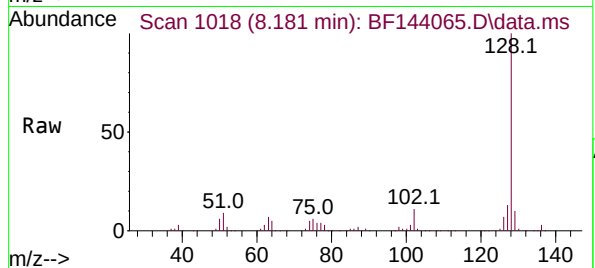




#31
Naphthalene
Concen: 35.834 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

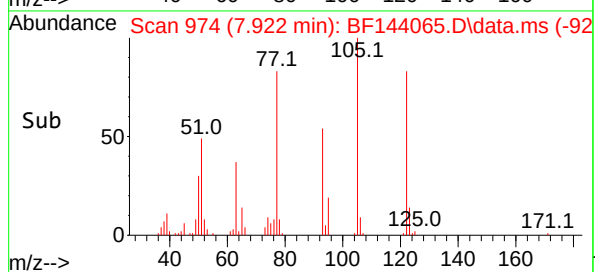
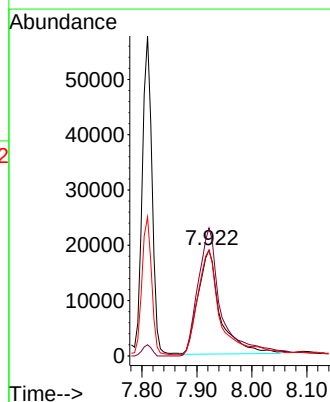
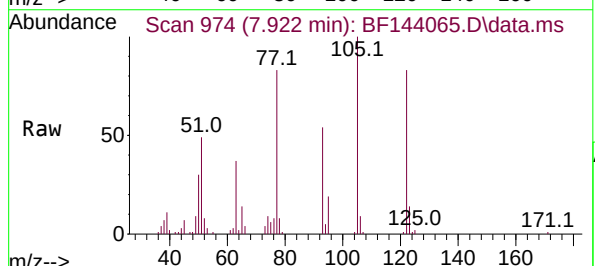
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

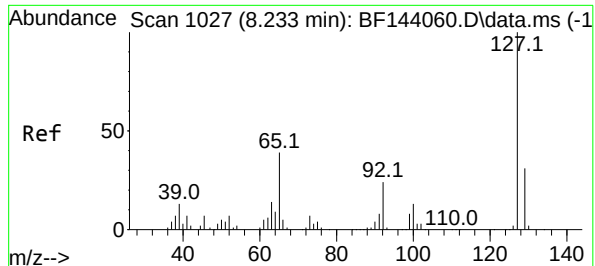
Tgt Ion:128 Resp: 234353
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 44.054 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:122 Resp: 52854
Ion Ratio Lower Upper
122 100
105 121.1 111.3 151.3
77 100.0 96.7 136.7

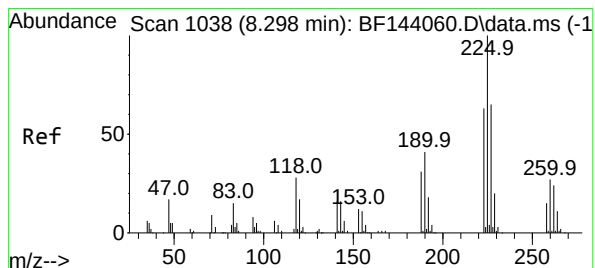
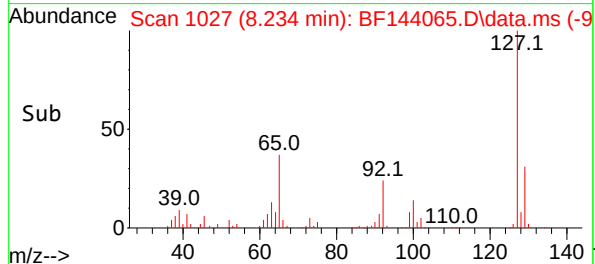
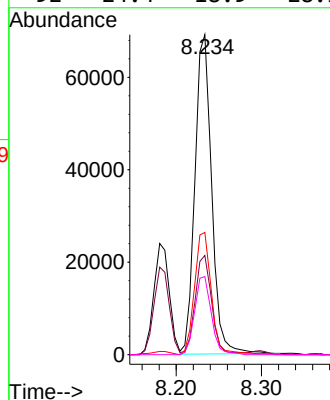
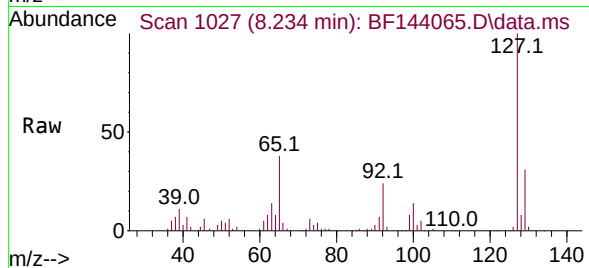




#33
4-Chloroaniline
Concen: 41.428 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

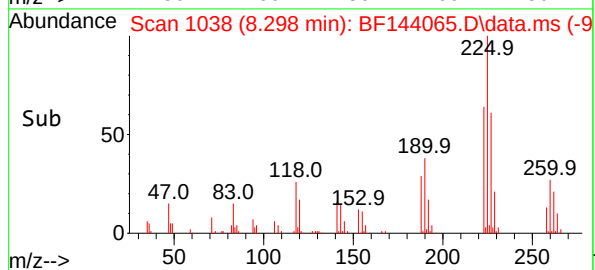
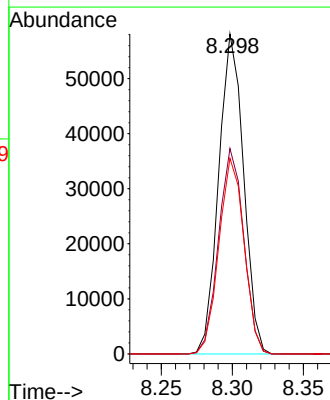
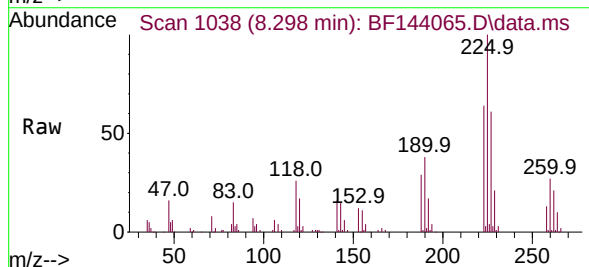
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

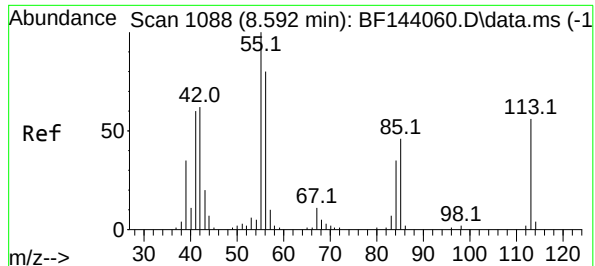
Tgt Ion:127	Resp:	94319
Ion	Ratio	Lower Upper
127	100	
129	31.0	25.6 38.4
65	38.2	30.9 46.3
92	24.4	18.9 28.3



#34
Hexachlorobutadiene
Concen: 38.260 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:225	Resp:	70793
Ion	Ratio	Lower Upper
225	100	
223	64.2	50.6 76.0
227	61.1	51.8 77.8





#35

Caprolactam

Concen: 35.331 ng

RT: 8.587 min Scan# 1087

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

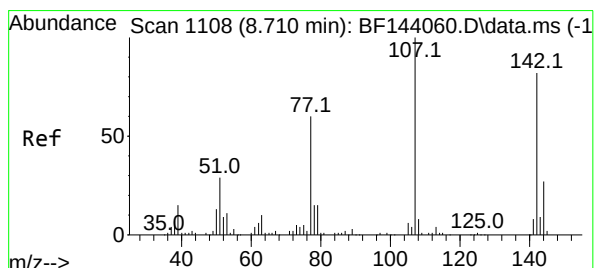
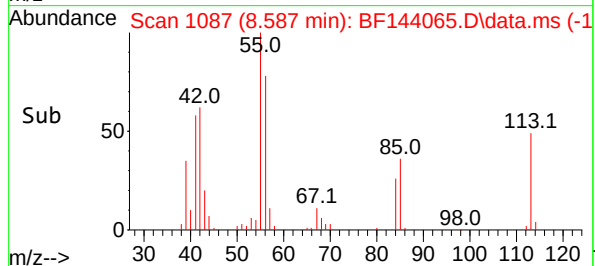
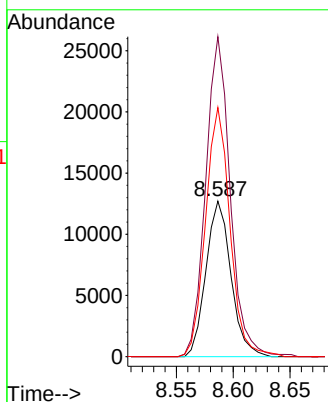
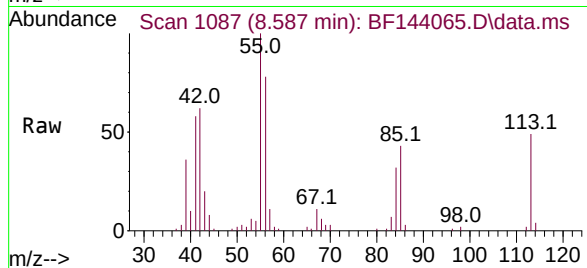
Tgt Ion:113 Resp: 19488

Ion Ratio Lower Upper

113 100

55 205.9 160.1 200.1#

56 160.2 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 36.112 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

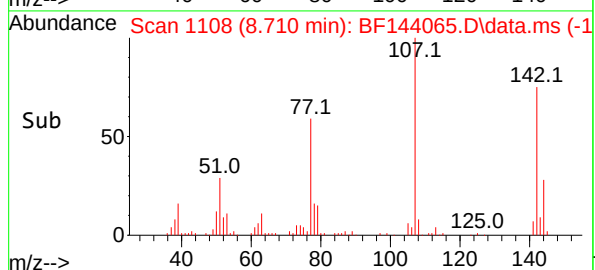
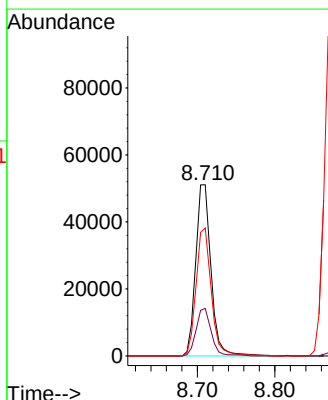
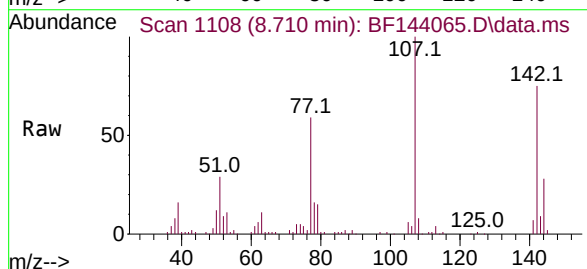
Tgt Ion:107 Resp: 70096

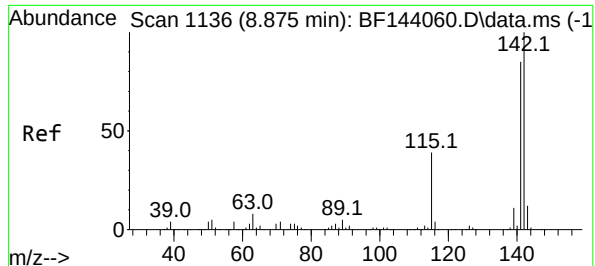
Ion Ratio Lower Upper

107 100

144 27.7 21.6 32.4

142 74.8 65.4 98.0





#37

2-Methylnaphthalene

Concen: 33.233 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

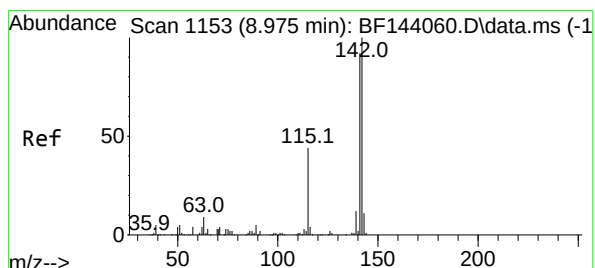
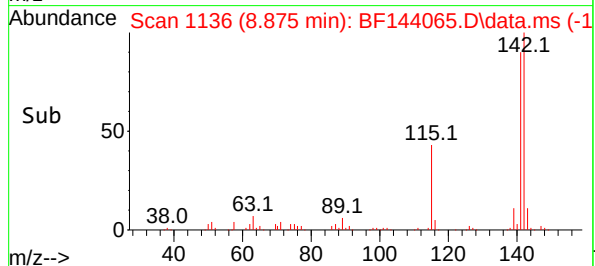
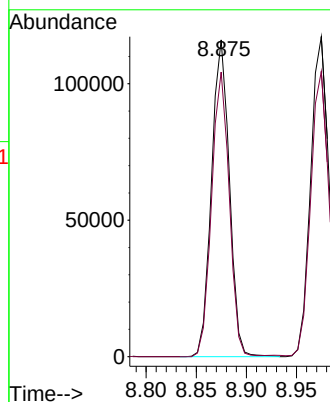
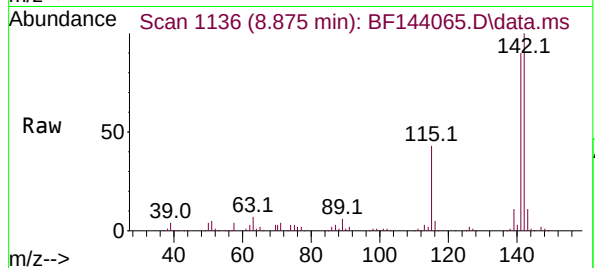
ICVBF102425

Tgt Ion:142 Resp: 143296

Ion Ratio Lower Upper

142 100

141 89.8 67.6 101.4



#38

1-Methylnaphthalene

Concen: 35.945 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144065.D

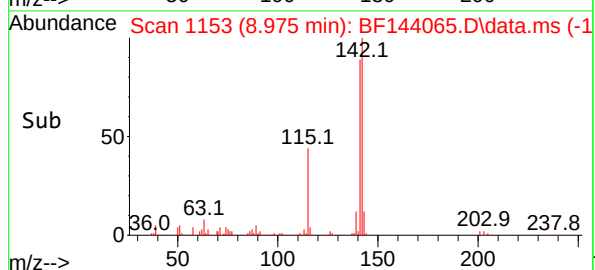
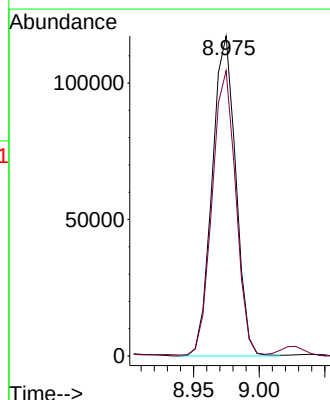
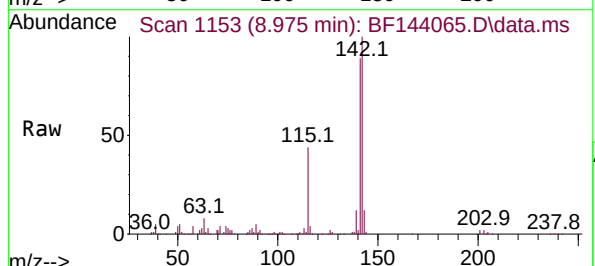
Acq: 24 Oct 2025 17:22

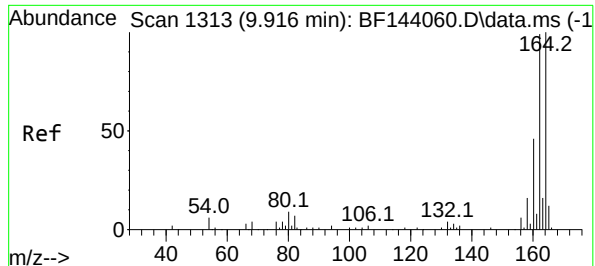
Tgt Ion:142 Resp: 146838

Ion Ratio Lower Upper

142 100

141 89.1 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144065.D

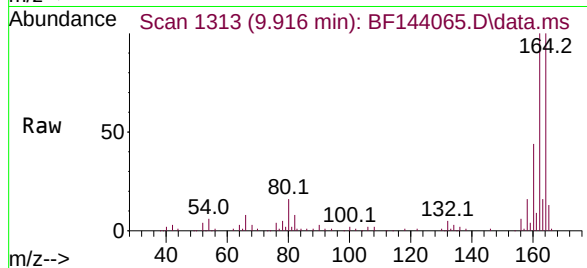
Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425



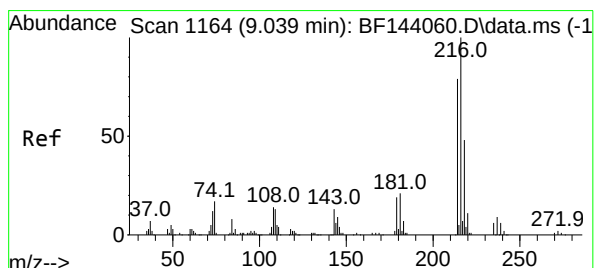
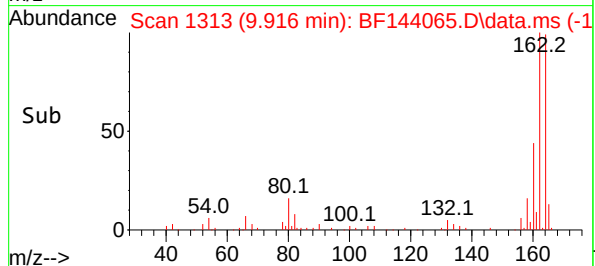
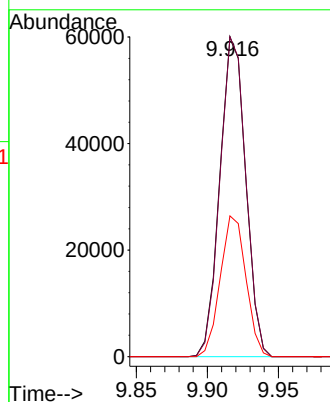
Tgt Ion:164 Resp: 76145

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.2

160 44.0 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.121 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Tgt Ion:216 Resp: 91910

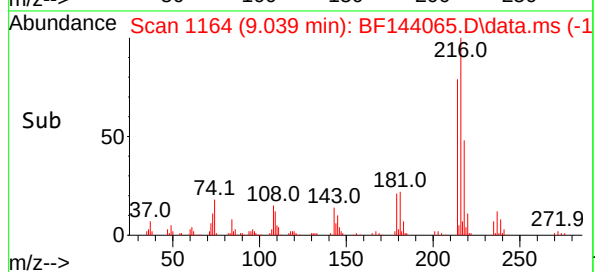
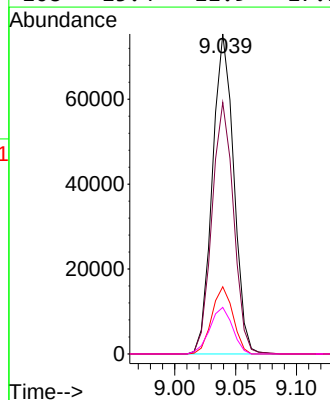
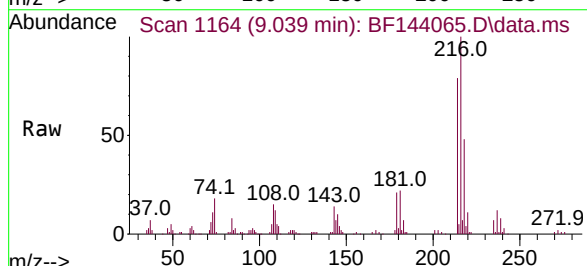
Ion Ratio Lower Upper

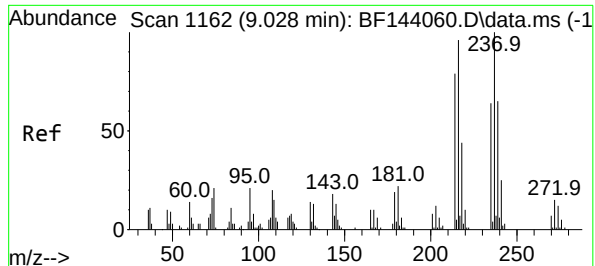
216 100

214 79.3 63.2 94.8

179 20.8 15.2 22.8

108 15.4 11.9 17.9

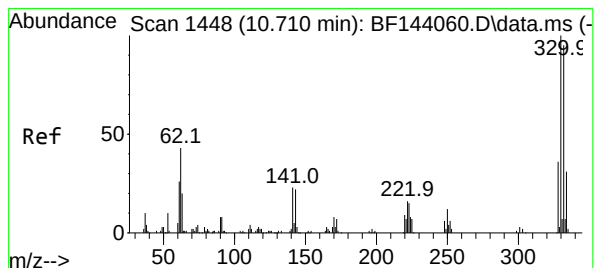
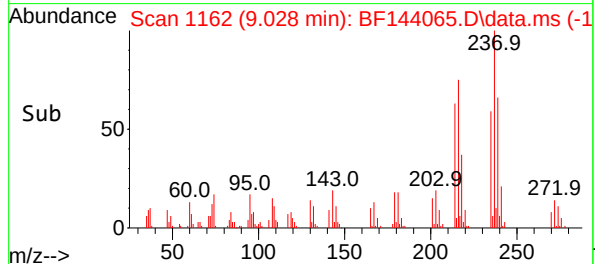
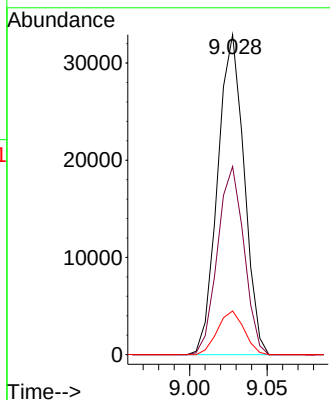
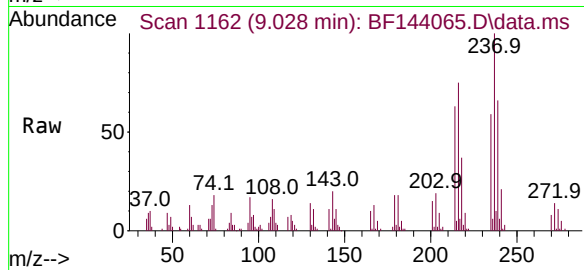




#41
Hexachlorocyclopentadiene
Concen: 48.585 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

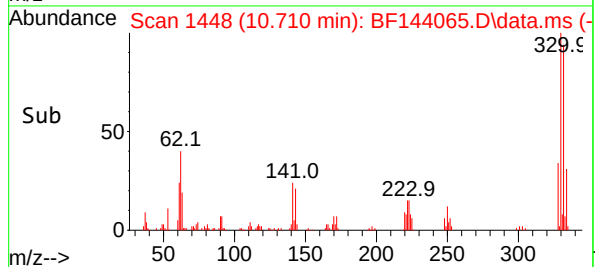
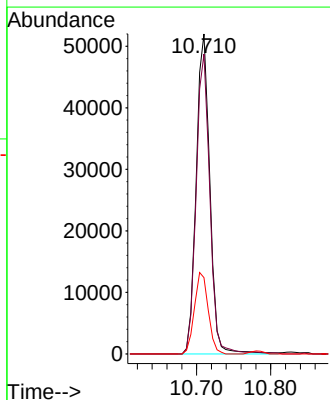
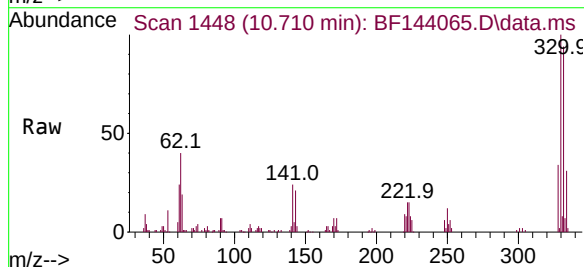
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

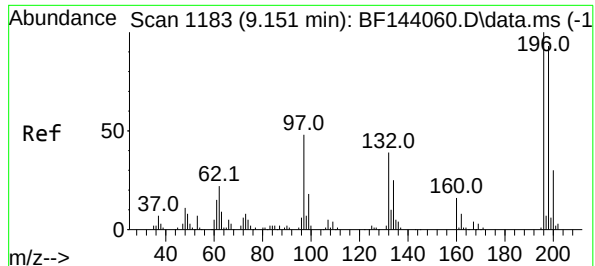
Tgt Ion: 237 Resp: 39270
Ion Ratio Lower Upper
237 100
235 58.8 44.3 84.3
272 13.6 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 68.551 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 330 Resp: 66490
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.6
141 25.7 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 33.986 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144065.D

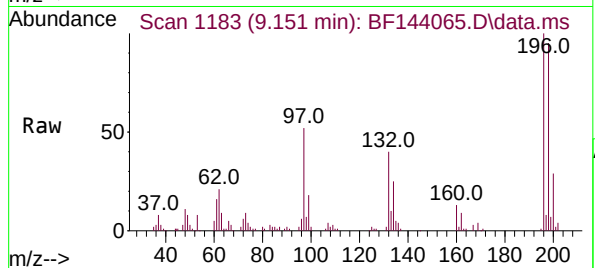
Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425



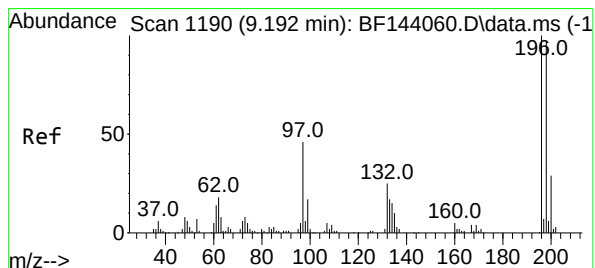
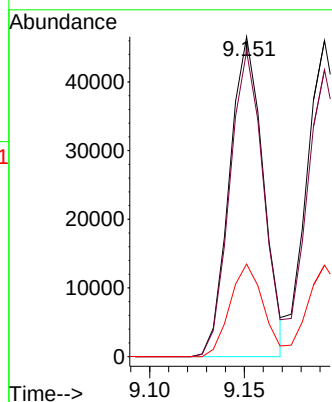
Tgt Ion:196 Resp: 57810

Ion Ratio Lower Upper

196 100

198 95.5 74.4 111.6

200 28.9 23.8 35.8



#44

2,4,5-Trichlorophenol

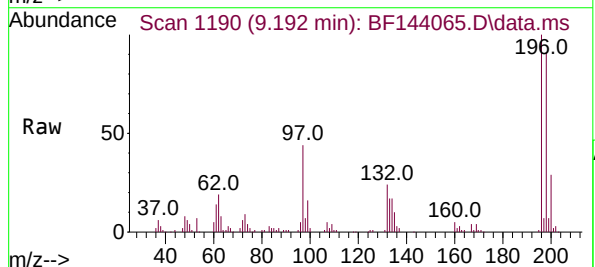
Concen: 36.018 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22



Tgt Ion:196 Resp: 64300

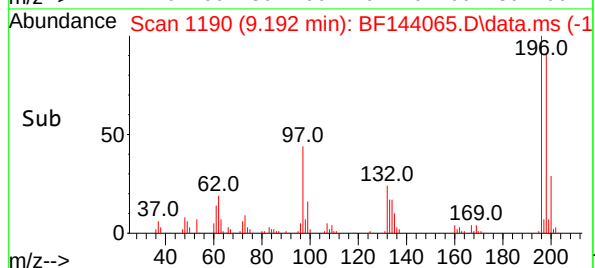
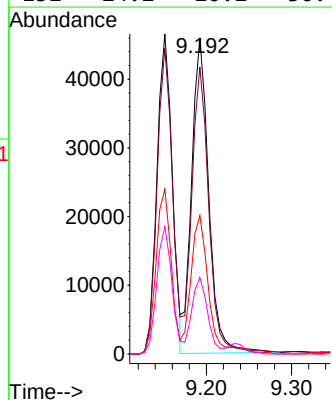
Ion Ratio Lower Upper

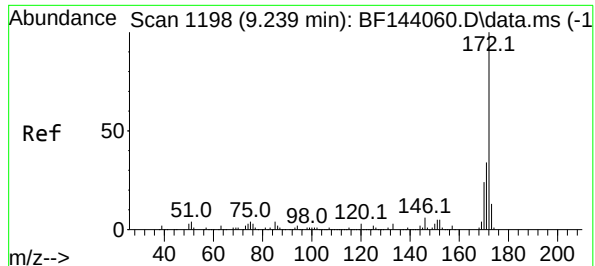
196 100

198 90.7 78.0 117.0

97 43.7 37.7 56.5

132 24.2 20.2 30.4

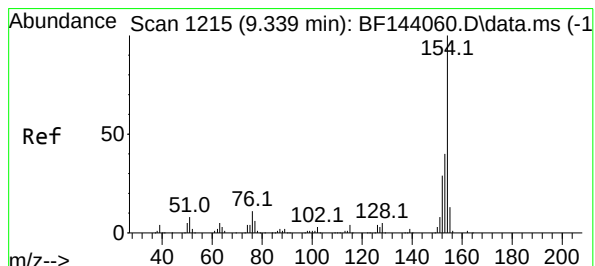
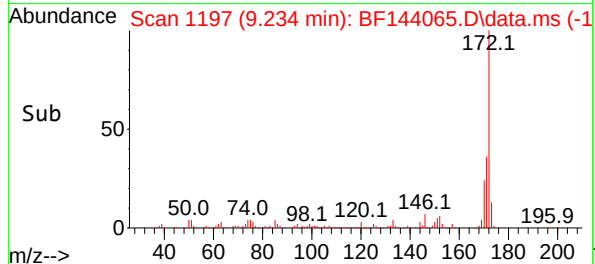
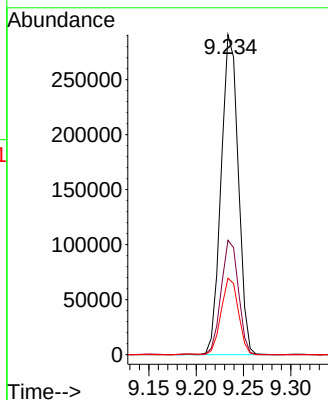
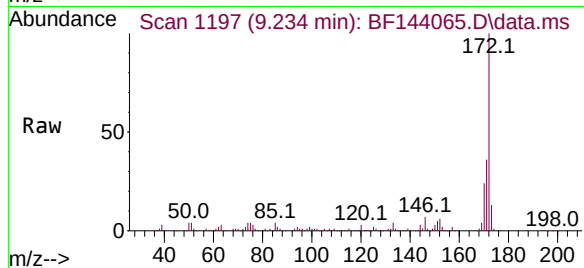




#45
2-Fluorobiphenyl
Concen: 67.717 ng
RT: 9.234 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

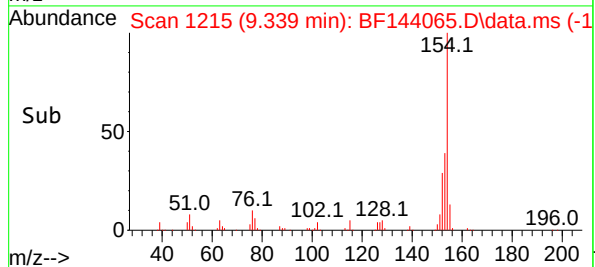
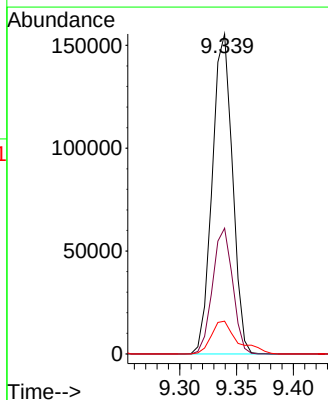
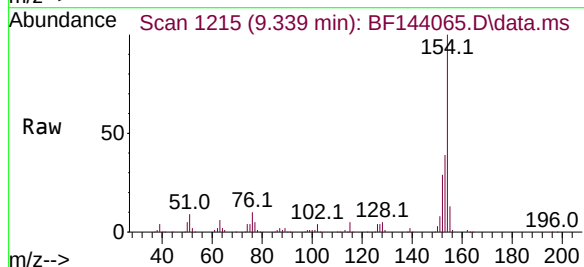
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

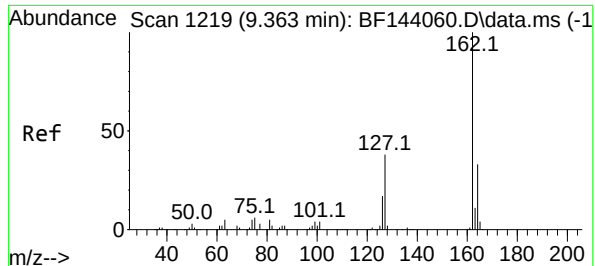
Tgt Ion:172 Resp: 366420
Ion Ratio Lower Upper
172 100
171 35.7 27.5 41.3
170 23.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 35.345 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:154 Resp: 192660
Ion Ratio Lower Upper
154 100
153 39.3 19.7 59.7
76 10.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 34.908 ng

RT: 9.363 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

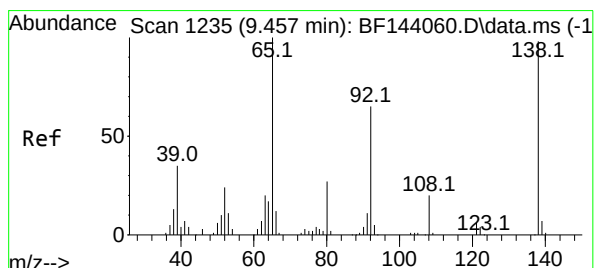
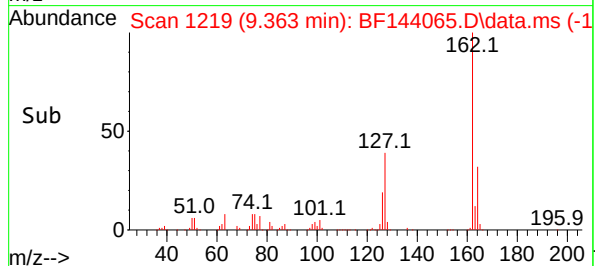
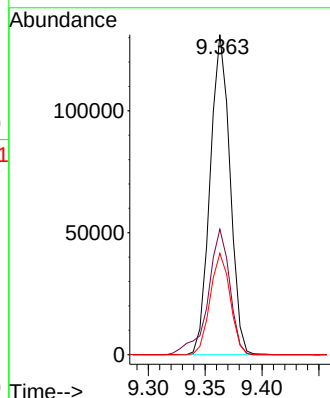
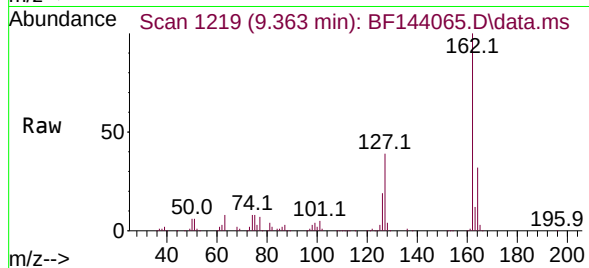
Tgt Ion:162 Resp: 159410

Ion Ratio Lower Upper

162 100

127 39.2 31.6 47.4

164 31.6 26.5 39.7



#48

2-Nitroaniline

Concen: 36.621 ng

RT: 9.457 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

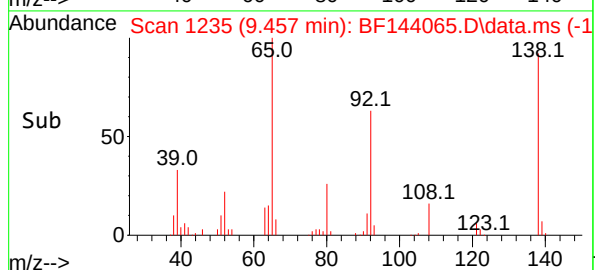
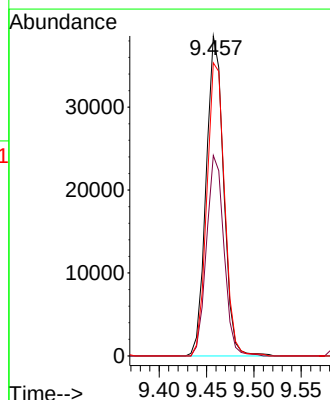
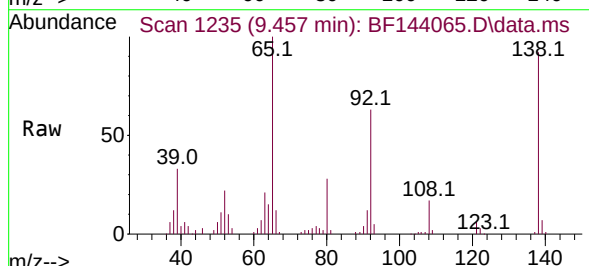
Tgt Ion: 65 Resp: 49659

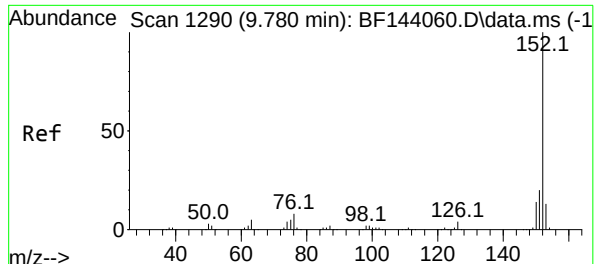
Ion Ratio Lower Upper

65 100

92 62.6 52.3 78.5

138 91.6 78.3 117.5





#49

Acenaphthylene

Concen: 39.474 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144065.D

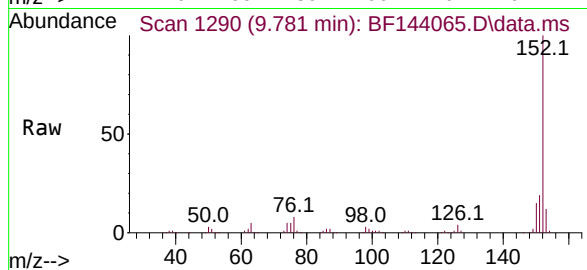
Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425



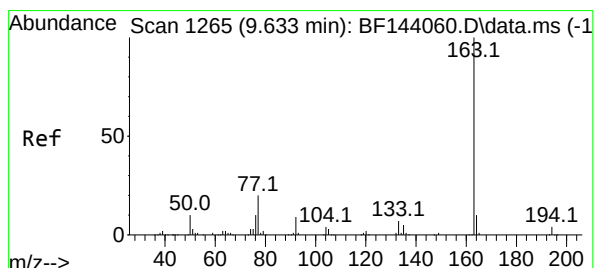
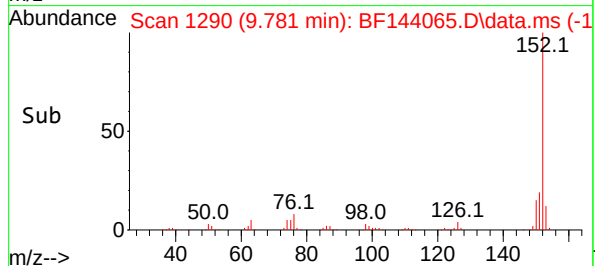
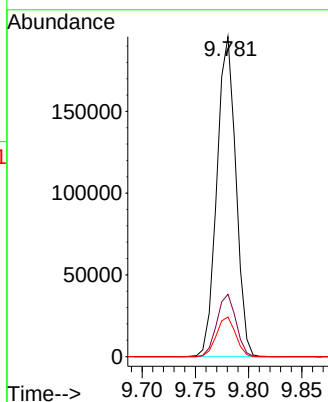
Tgt Ion:152 Resp: 243055

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.4 10.4 15.6



#50

Dimethylphthalate

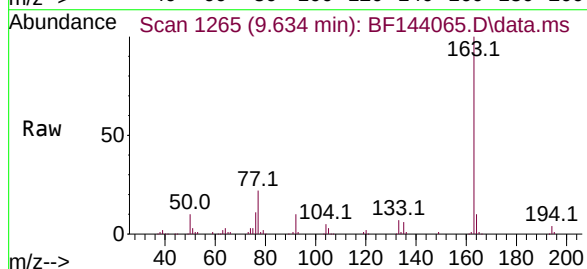
Concen: 34.098 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22



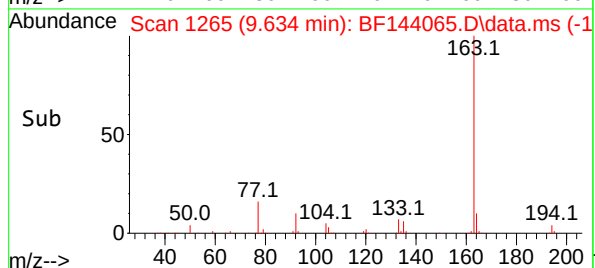
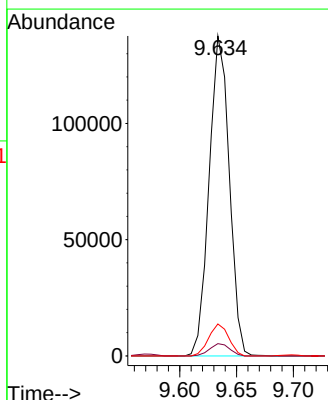
Tgt Ion:163 Resp: 170189

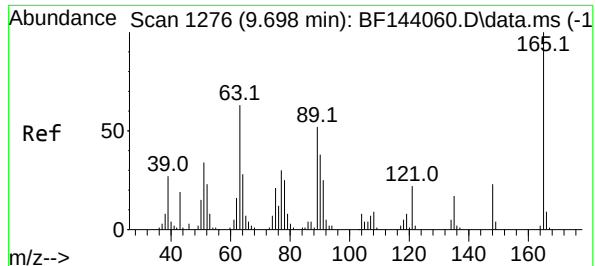
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

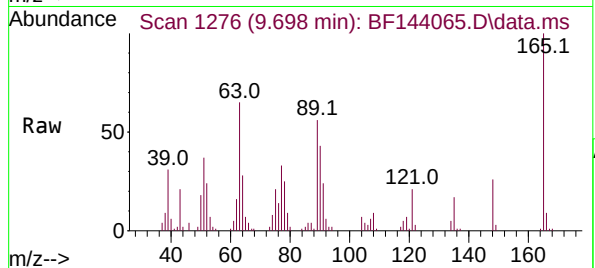
164 10.0 7.8 11.8



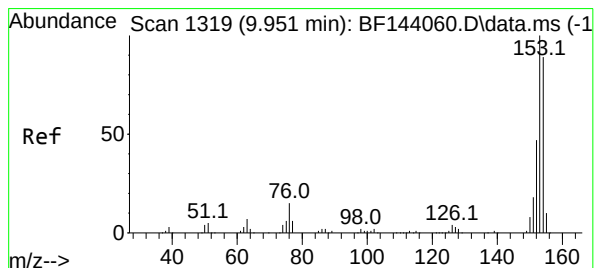
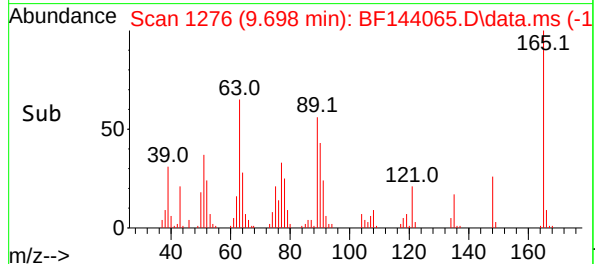
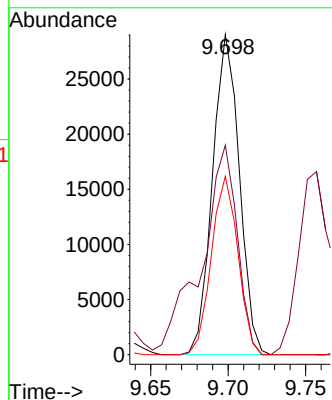


#51
2,6-Dinitrotoluene
Concen: 35.461 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

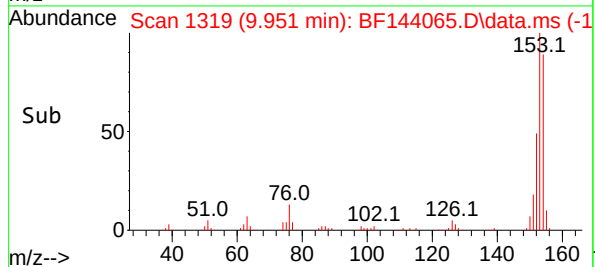
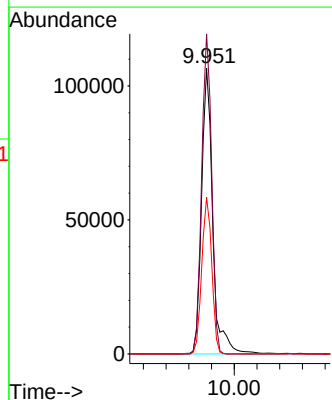
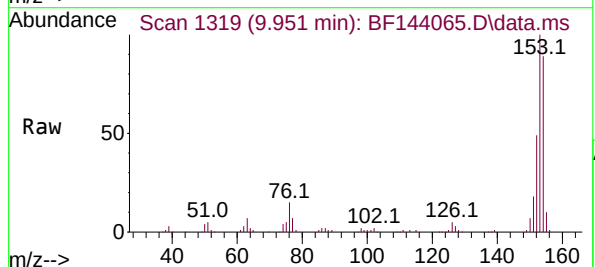


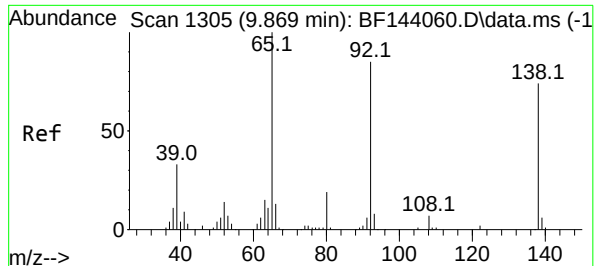
Tgt Ion:165 Resp: 34990
Ion Ratio Lower Upper
165 100
63 65.4 50.4 75.6
89 55.7 41.4 62.2



#52
Acenaphthene
Concen: 35.145 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:154 Resp: 144520
Ion Ratio Lower Upper
154 100
153 111.9 89.9 134.9
152 54.8 42.0 63.0





#53

3-Nitroaniline

Concen: 35.804 ng

RT: 9.869 min Scan# 1305

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

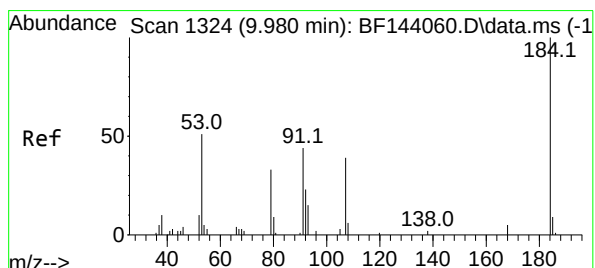
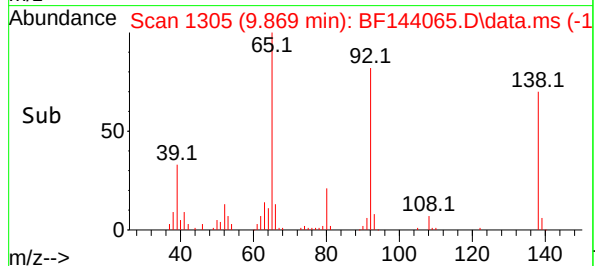
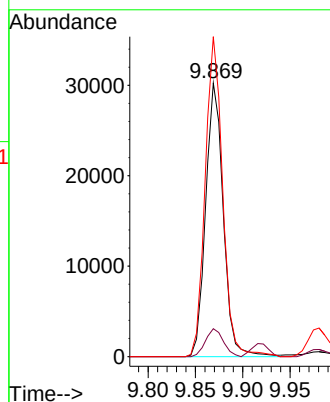
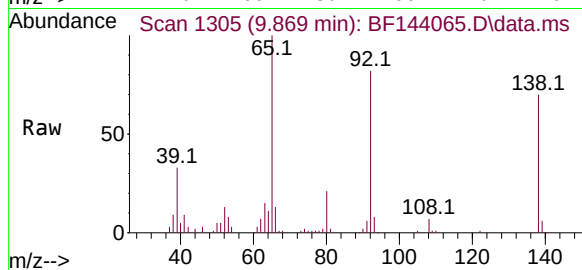
Tgt Ion:138 Resp: 39278

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

92 117.0 92.0 138.0



#54

2,4-Dinitrophenol

Concen: 41.102 ng

RT: 9.981 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

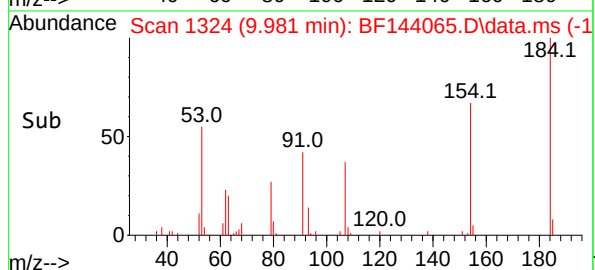
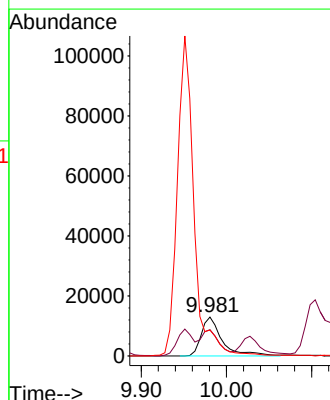
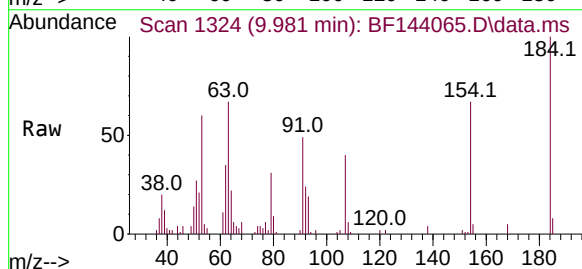
Tgt Ion:184 Resp: 21935

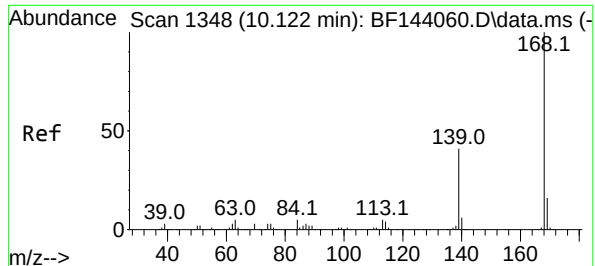
Ion Ratio Lower Upper

184 100

63 67.5 52.1 78.1

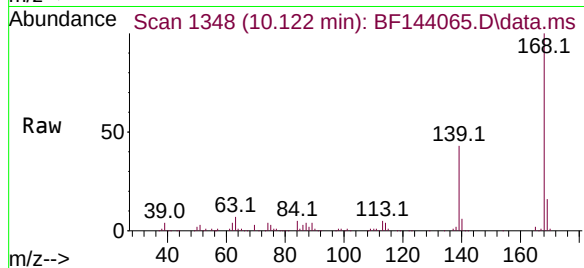
154 66.5 47.9 71.9



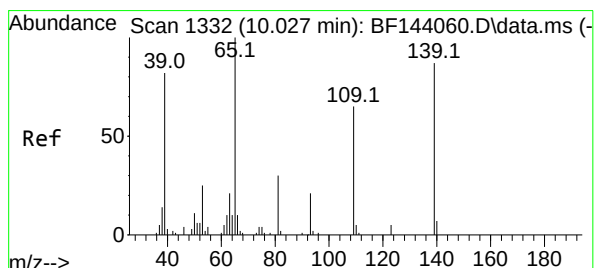
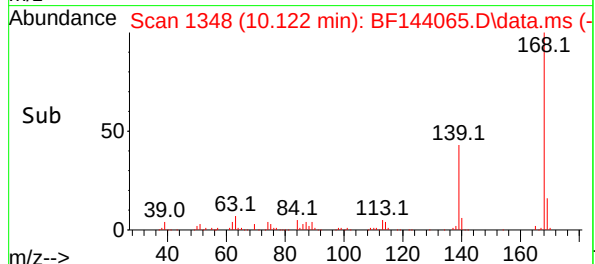
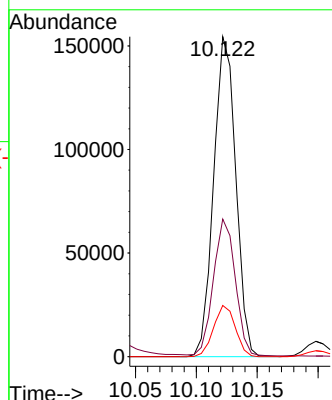


#55
Dibenzenofuran
Concen: 34.140 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

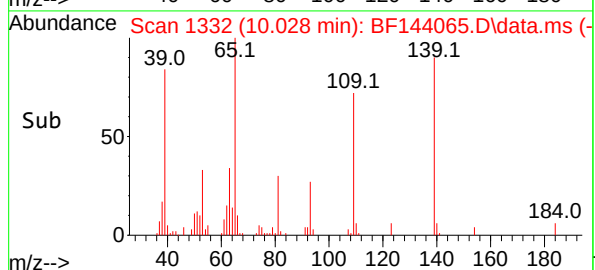
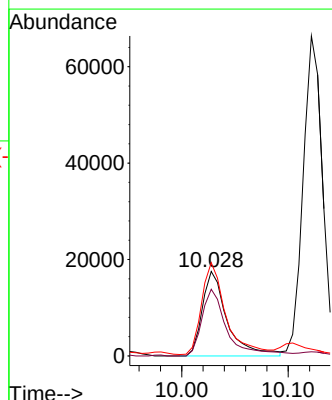
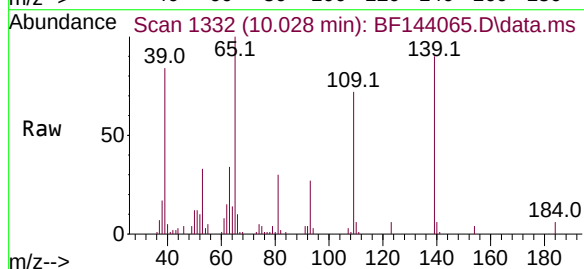


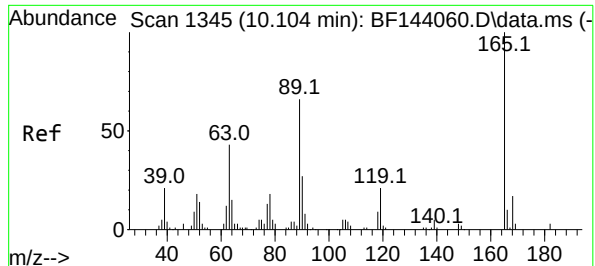
Tgt Ion:168 Resp: 194900
Ion Ratio Lower Upper
168 100
139 43.0 33.2 49.8
169 16.0 12.6 19.0



#56
4-Nitrophenol
Concen: 38.254 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:139 Resp: 28418
Ion Ratio Lower Upper
139 100
109 79.1 53.8 93.8
65 110.6 95.9 135.9





#57

2,4-Dinitrotoluene

Concen: 37.002 ng

RT: 10.104 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion:165 Resp: 49275

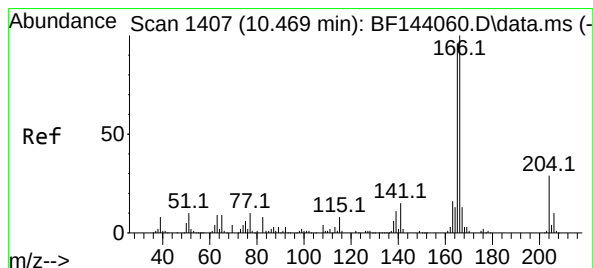
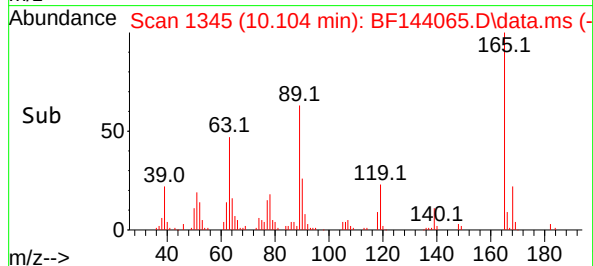
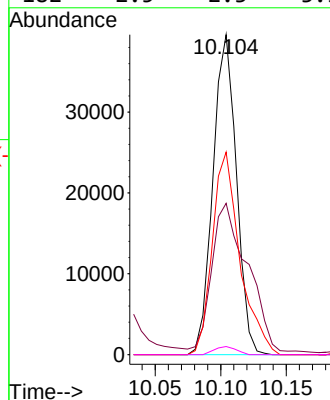
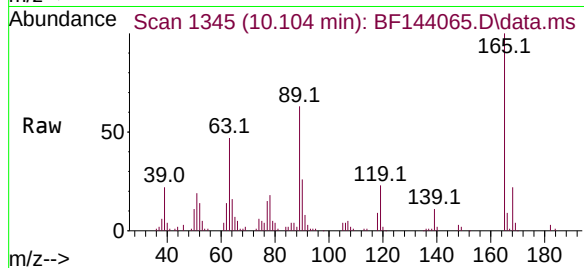
Ion Ratio Lower Upper

165 100

63 47.3 35.4 53.2

89 63.3 52.7 79.1

182 2.5 2.3 3.5



#58

Fluorene

Concen: 34.864 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

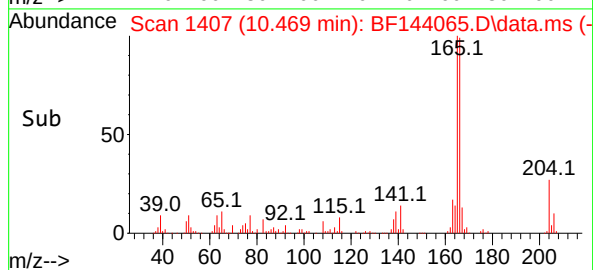
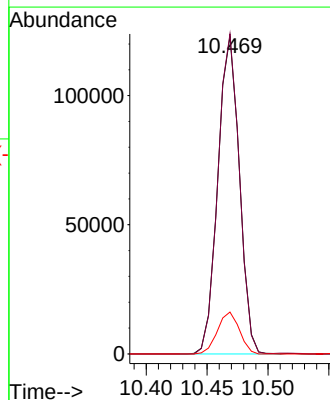
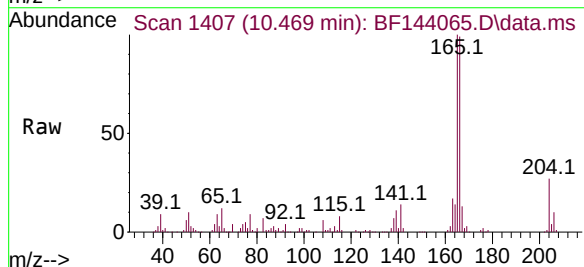
Tgt Ion:166 Resp: 151653

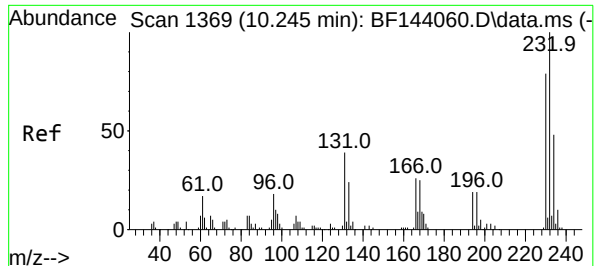
Ion Ratio Lower Upper

166 100

165 100.7 77.0 115.4

167 13.2 10.2 15.4

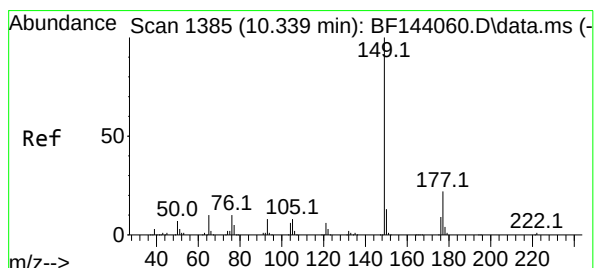
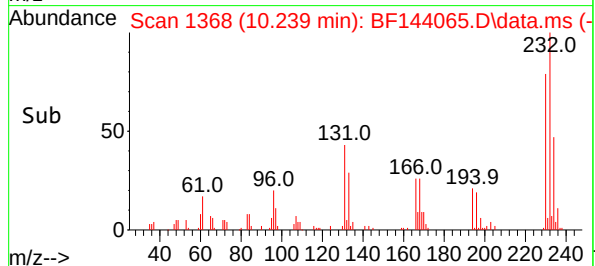
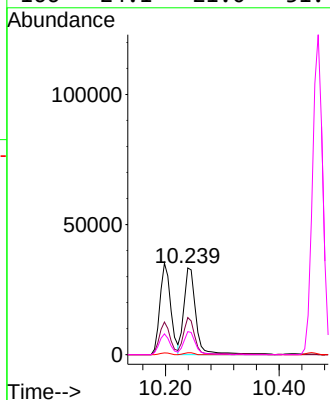
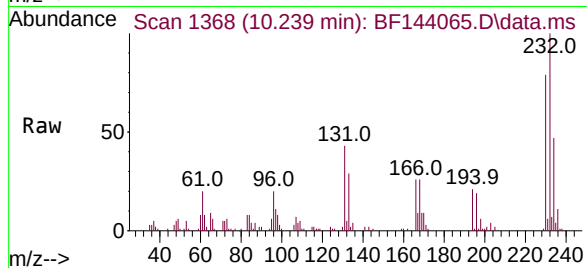




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.232 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

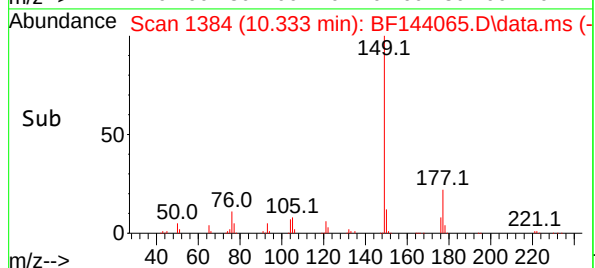
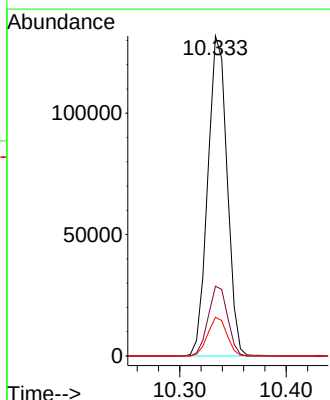
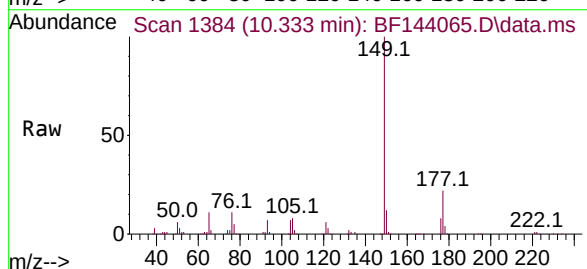
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

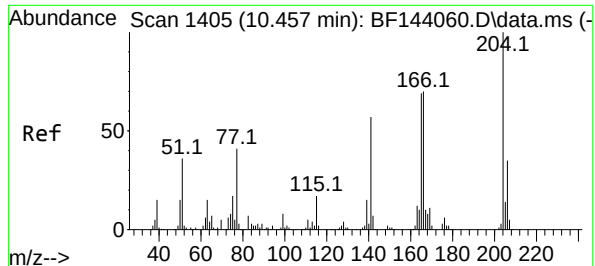
Tgt Ion:232 Resp: 49354
Ion Ratio Lower Upper
232 100
131 36.9 31.9 47.9
130 1.7 1.1 1.7#
166 24.1 21.0 31.4



#60
Diethylphthalate
Concen: 35.442 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:149 Resp: 166357
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.1 10.1 15.1

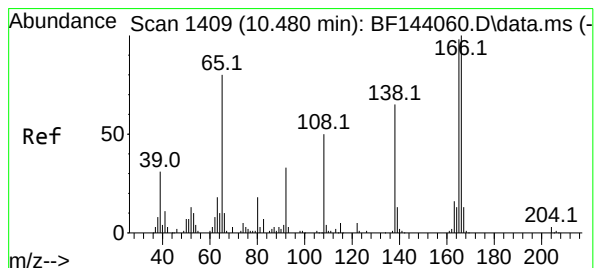
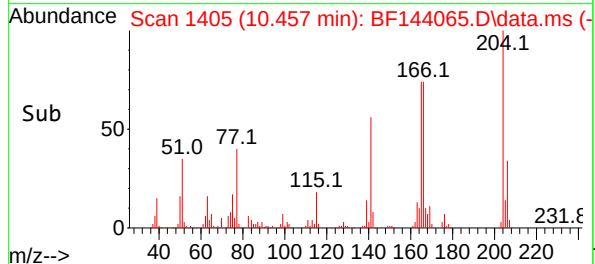
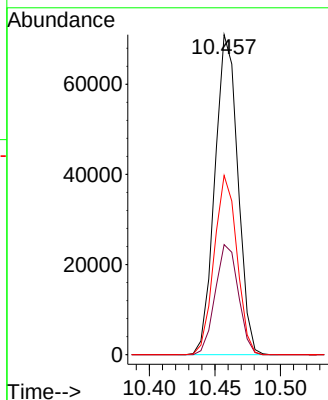
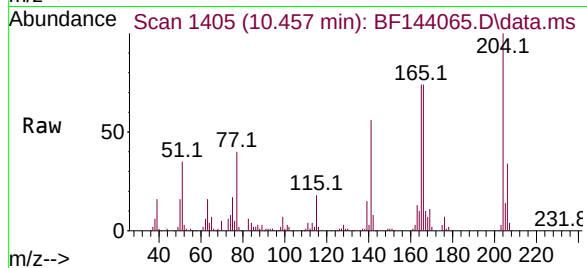




#61
4-Chlorophenyl-phenylether
Concen: 35.479 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

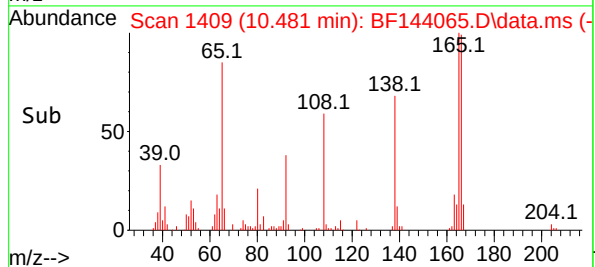
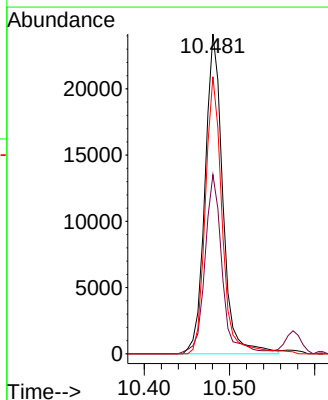
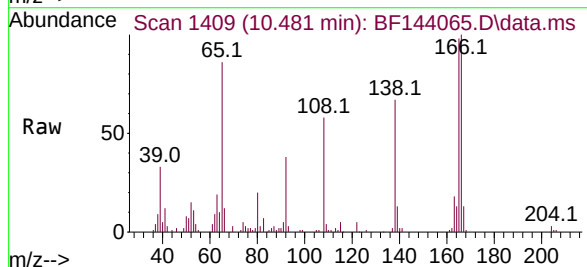
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

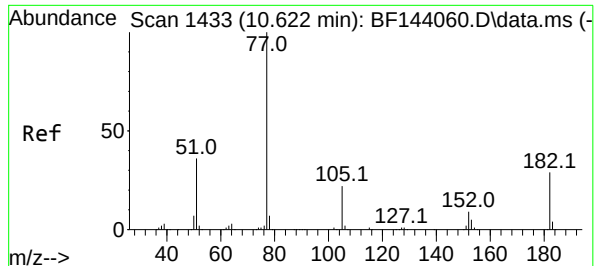
Tgt Ion	204	206	141
Resp:	86789		
Ion Ratio	100	34.4	56.0
Lower		27.8	45.4
Upper		41.6	68.2



#62
4-Nitroaniline
Concen: 33.756 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	138	92	108
Resp:	35087		
Ion Ratio	100	56.0	86.6
Lower		30.5	56.2
Upper		70.5	96.2

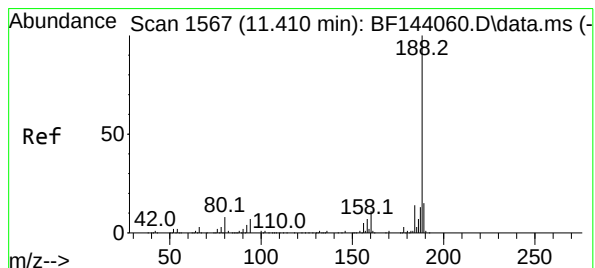
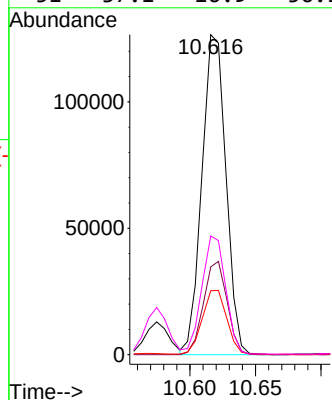
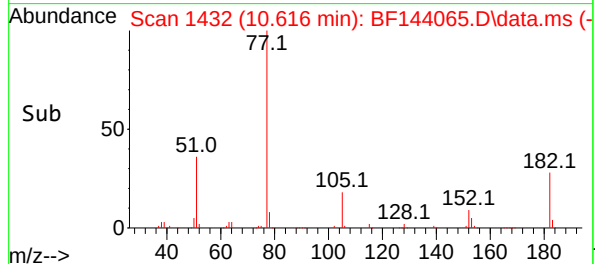
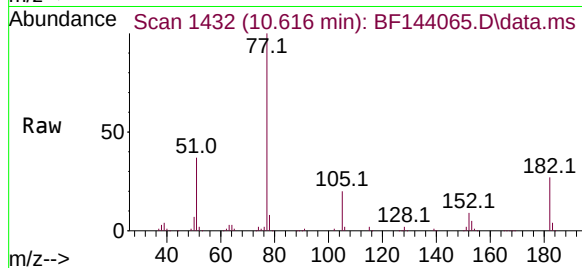




#63
Azobenzene
Concen: 36.422 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

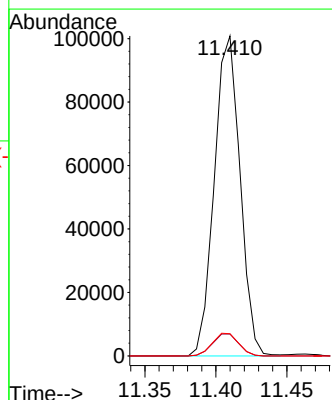
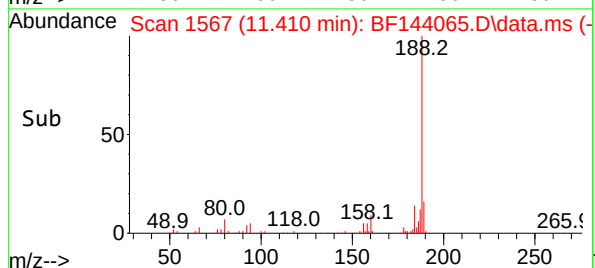
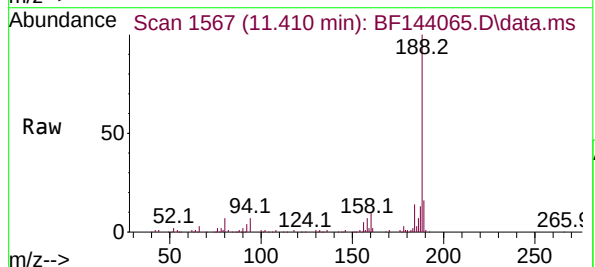
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

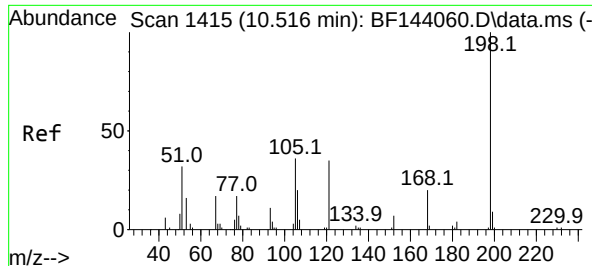
Tgt Ion: 77 Resp: 161807
Ion Ratio Lower Upper
77 100
182 27.4 9.0 49.0
105 20.0 1.4 41.4
51 37.1 16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 188 Resp: 127305
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 6.9 6.0 9.0

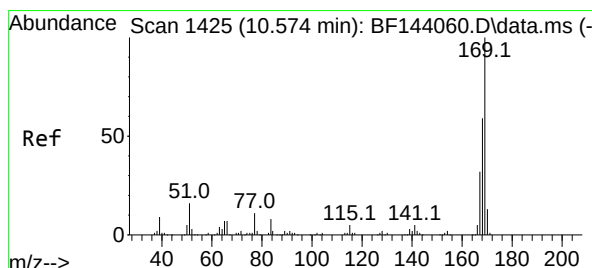
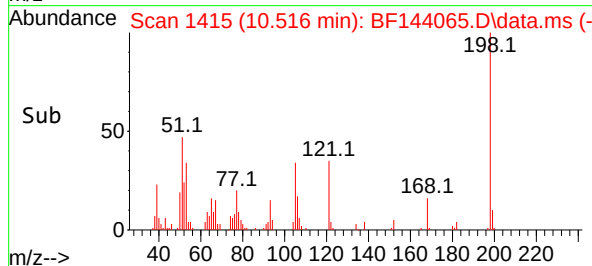
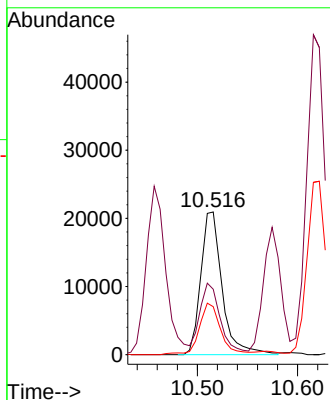
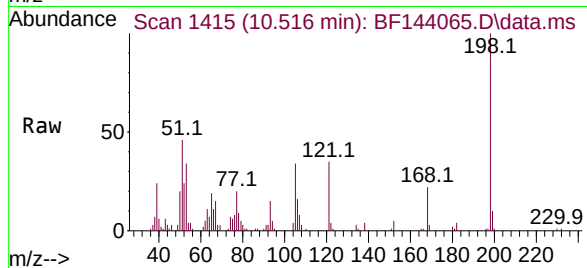




#65
4,6-Dinitro-2-methylphenol
Concen: 37.867 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

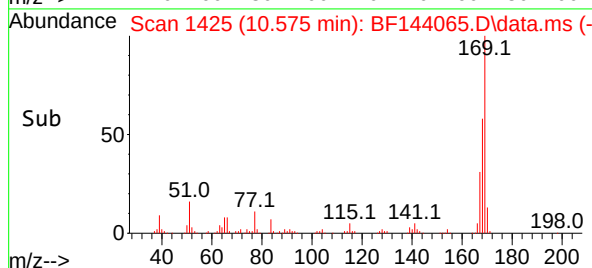
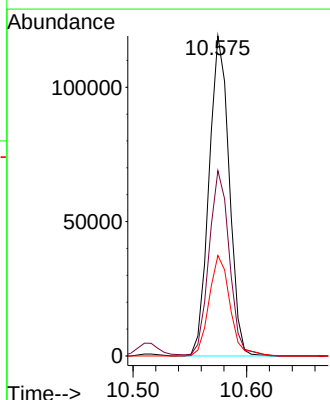
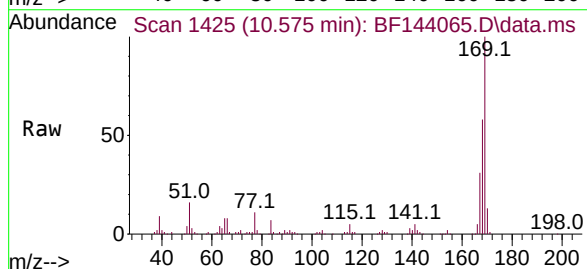
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

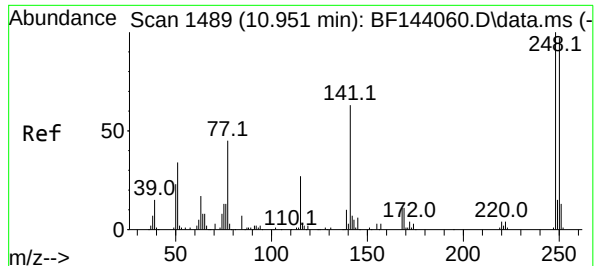
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.8	25.8	65.8
105	33.6	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 36.075 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.9	47.4	71.2
167	31.4	25.5	38.3

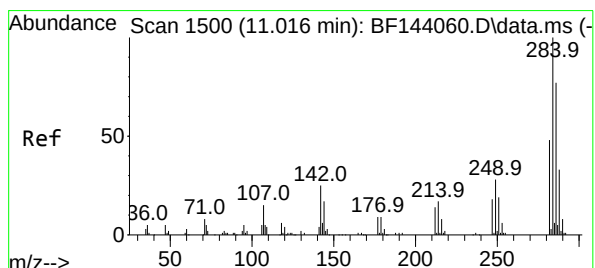
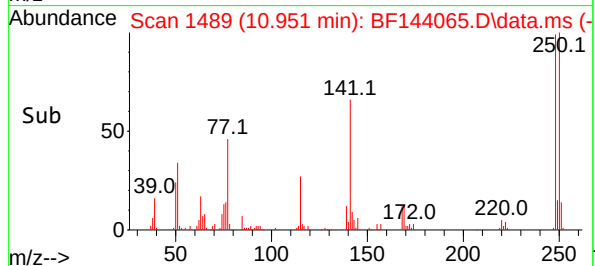
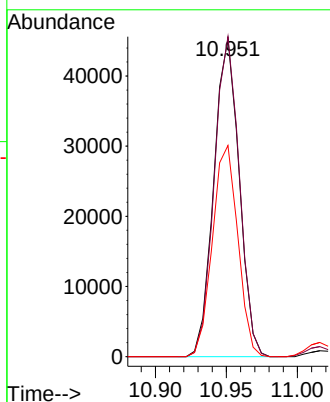
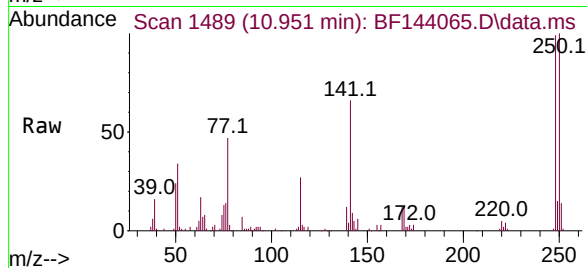




#67
4-Bromophenyl-phenylether
Concen: 35.313 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

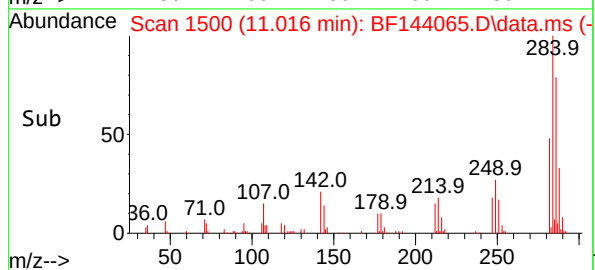
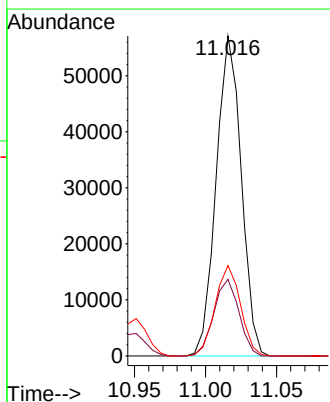
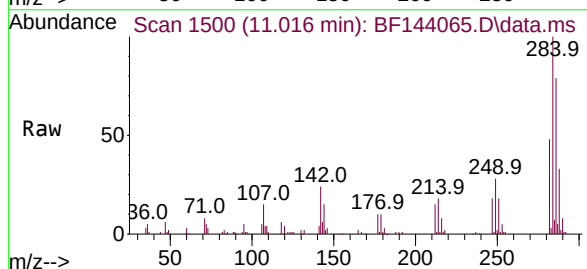
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

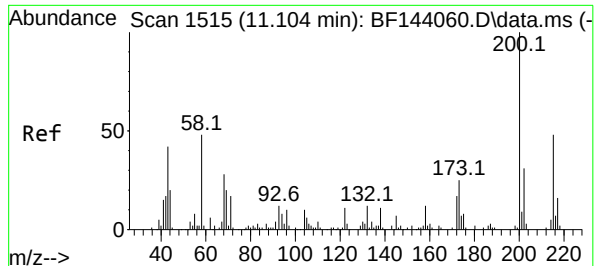
Tgt Ion:248 Resp: 56286
Ion Ratio Lower Upper
248 100
250 100.6 77.8 116.6
141 66.4 50.5 75.7



#68
Hexachlorobenzene
Concen: 35.903 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:284 Resp: 70184
Ion Ratio Lower Upper
284 100
142 23.9 20.0 30.0
249 28.2 22.2 33.2





#69

Atrazine

Concen: 36.643 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

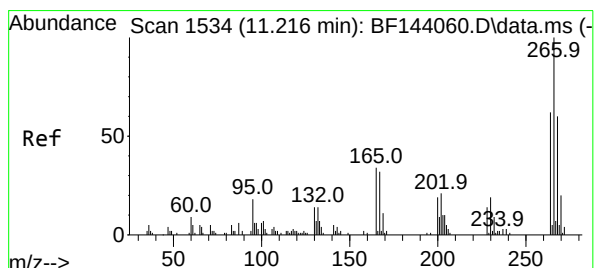
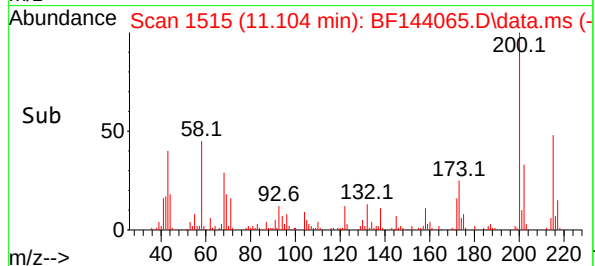
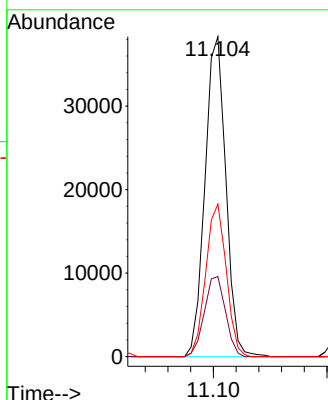
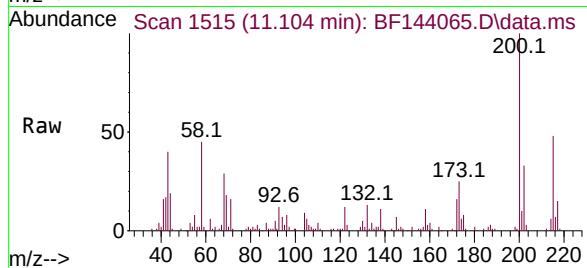
Tgt Ion:200 Resp: 48908

Ion Ratio Lower Upper

200 100

173 25.0 4.9 44.9

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 33.237 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

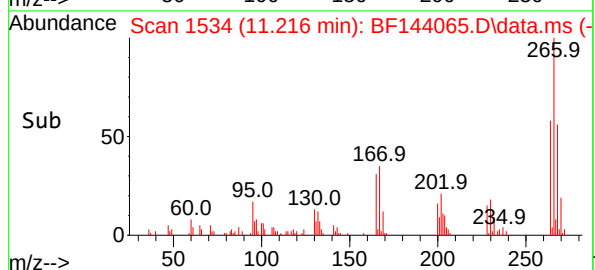
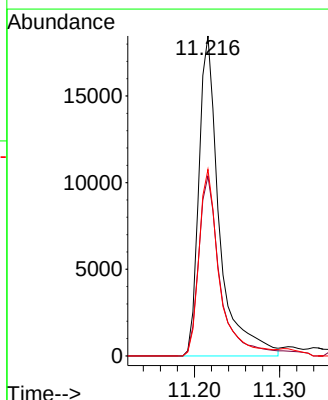
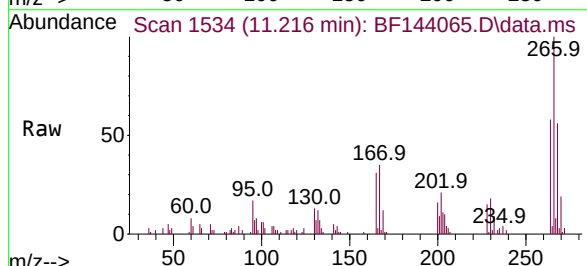
Tgt Ion:266 Resp: 30927

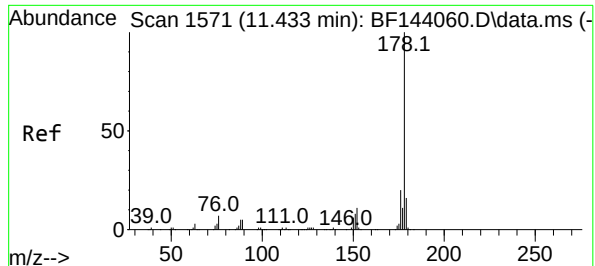
Ion Ratio Lower Upper

266 100

268 56.2 48.2 72.4

264 58.3 49.4 74.0

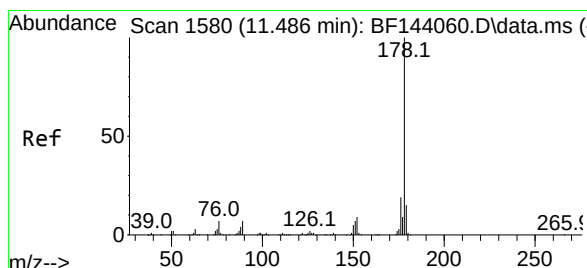
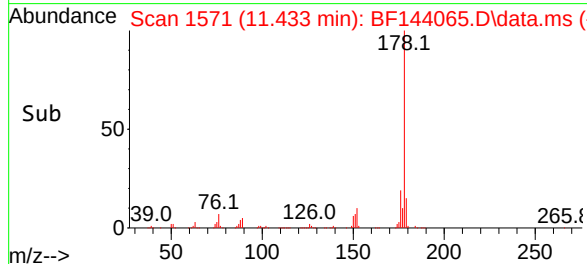
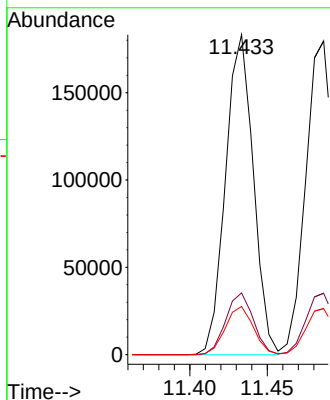
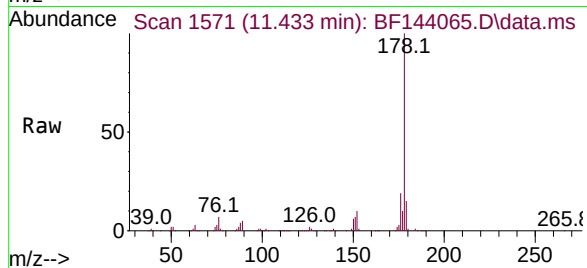




#71
Phenanthrene
Concen: 36.120 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

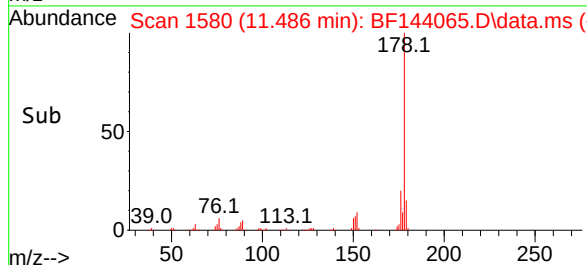
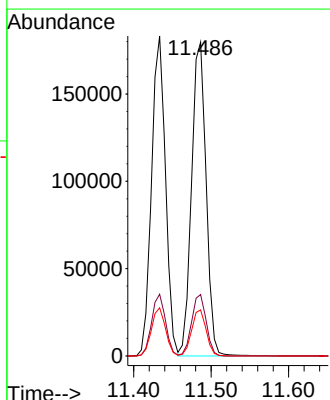
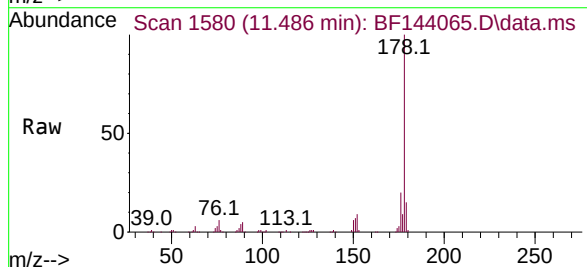
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

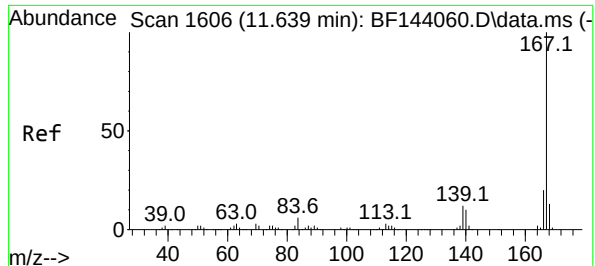
Tgt Ion:178 Resp: 228423
Ion Ratio Lower Upper
178 100
176 19.3 16.3 24.5
179 15.0 12.6 18.8



#72
Anthracene
Concen: 35.782 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

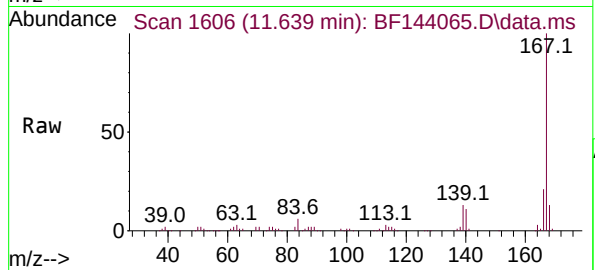
Tgt Ion:178 Resp: 233757
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.4
179 14.7 11.8 17.6



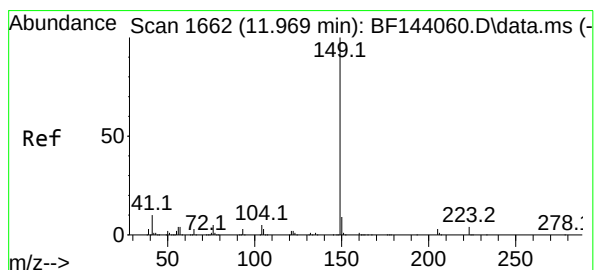
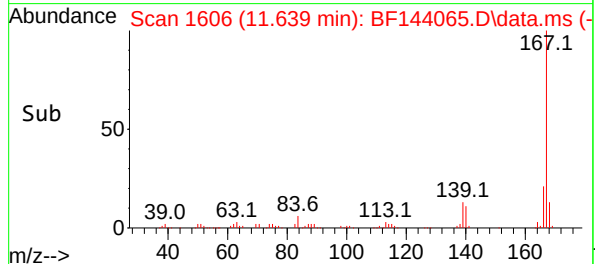
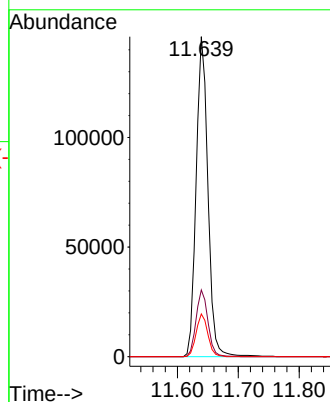


#73
Carbazole
Concen: 35.250 ng
RT: 11.639 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

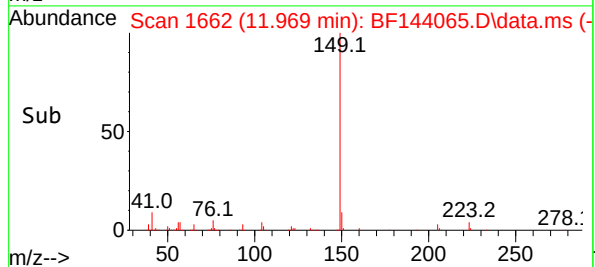
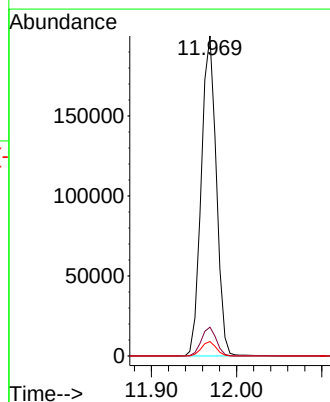
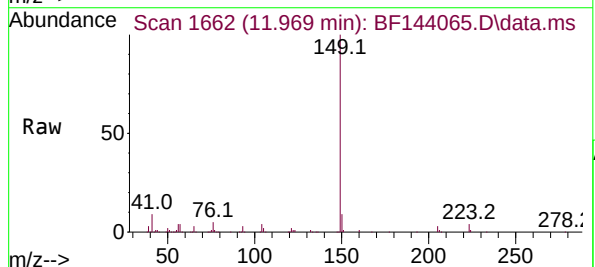


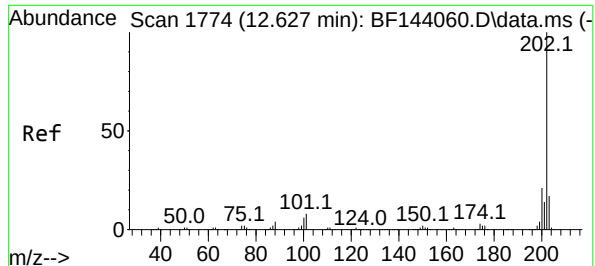
Tgt Ion:167 Resp: 196006
Ion Ratio Lower Upper
167 100
166 20.9 16.1 24.1
139 13.3 9.8 14.6



#74
Di-n-butylphthalate
Concen: 35.967 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:149 Resp: 245199
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.5 3.6 5.4

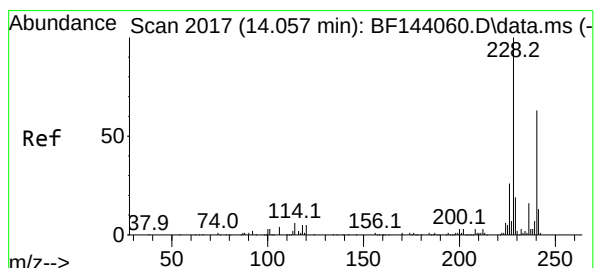
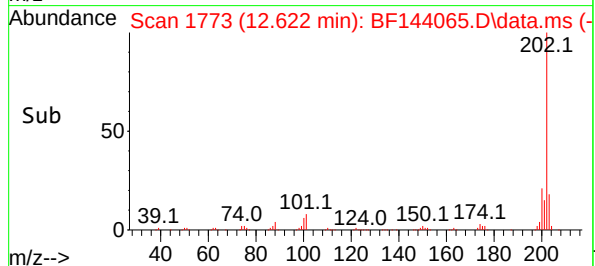
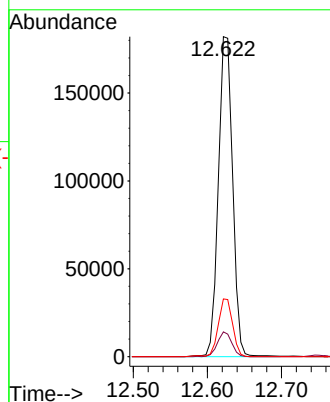
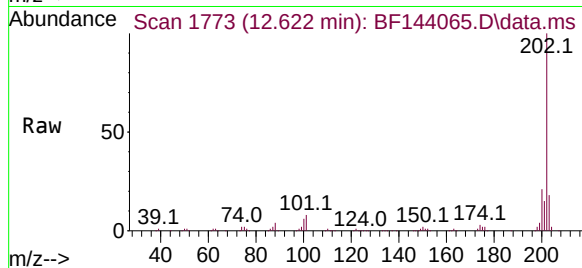




#75
Fluoranthene
Concen: 34.929 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

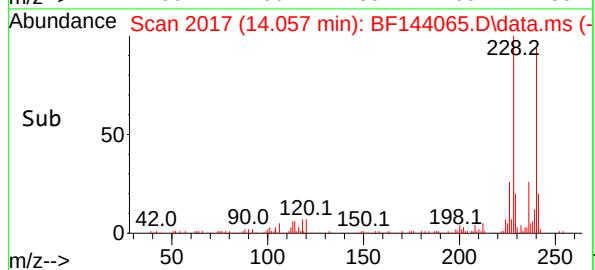
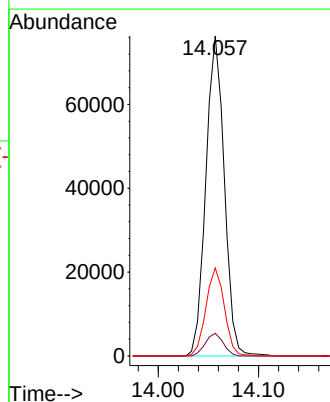
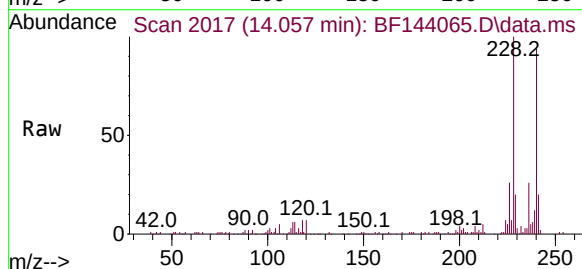
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

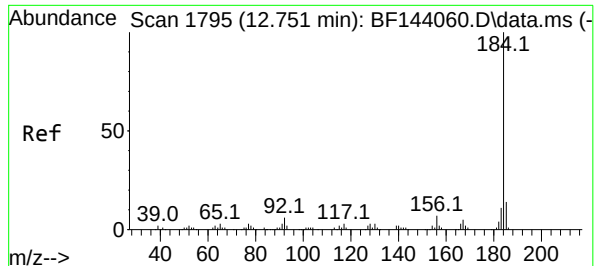
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	27.7
203	18.0	0.0	37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.5	9.7
236	27.5	20.1	30.1





#77

Benzidine

Concen: 48.386 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

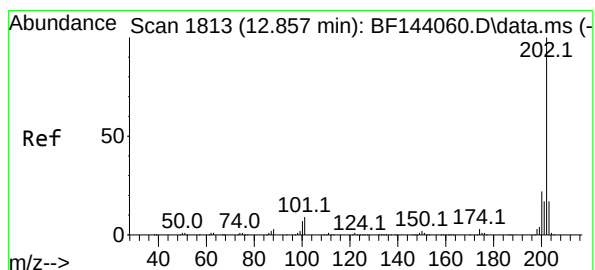
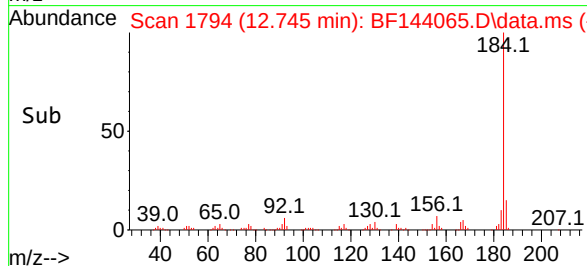
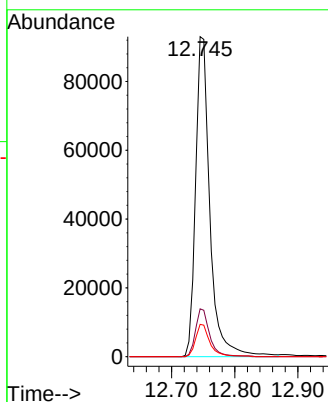
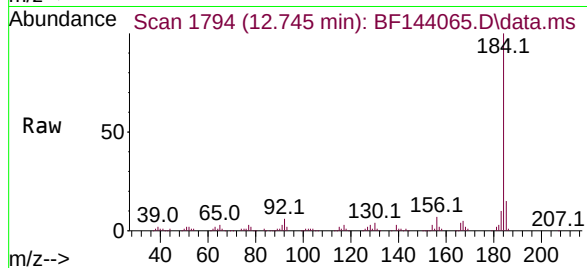
Tgt Ion:184 Resp: 146518

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.1 8.5 12.7



#78

Pyrene

Concen: 35.297 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

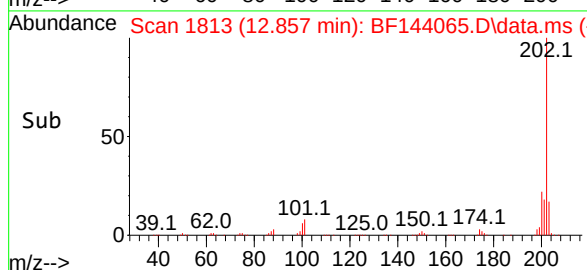
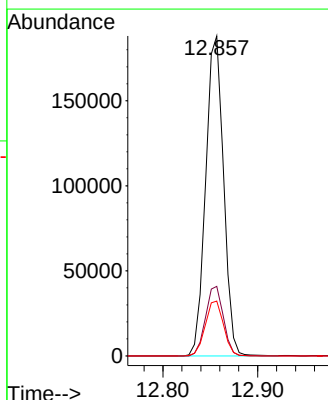
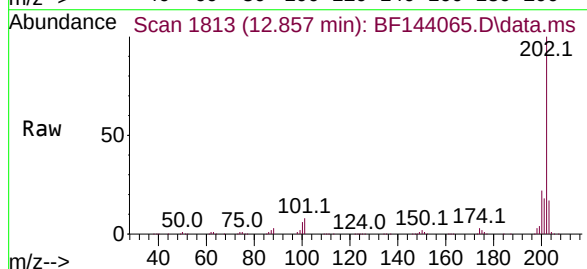
Tgt Ion:202 Resp: 246902

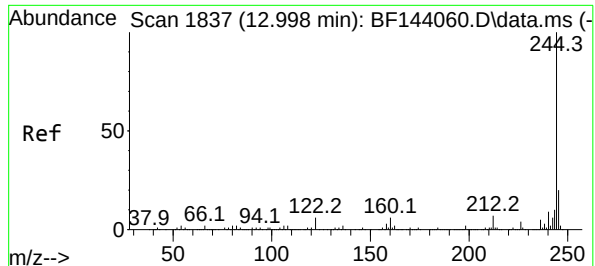
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 73.542 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

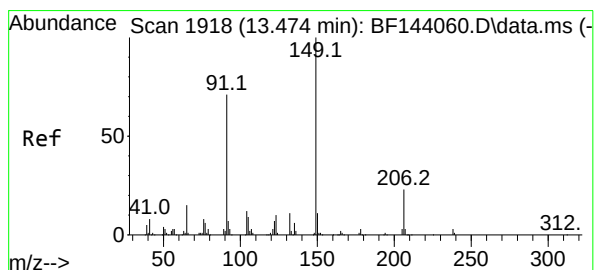
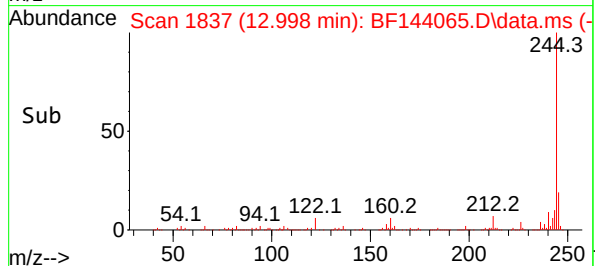
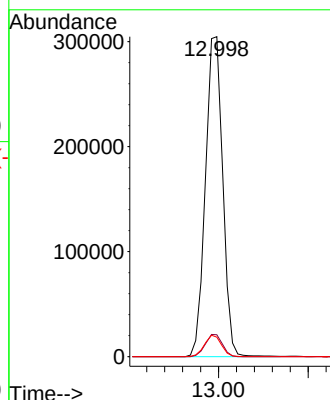
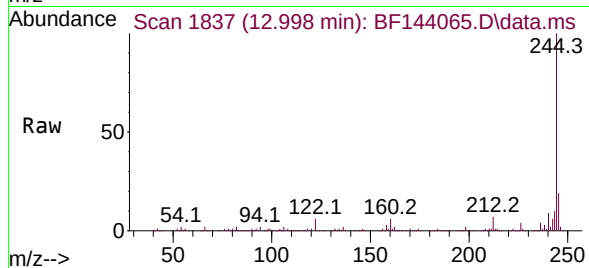
Tgt Ion:244 Resp: 409300

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 6.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 35.741 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

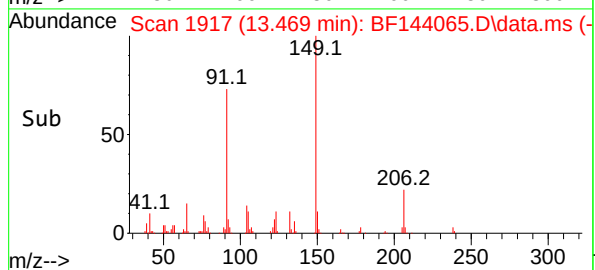
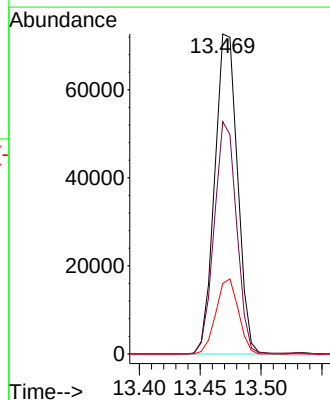
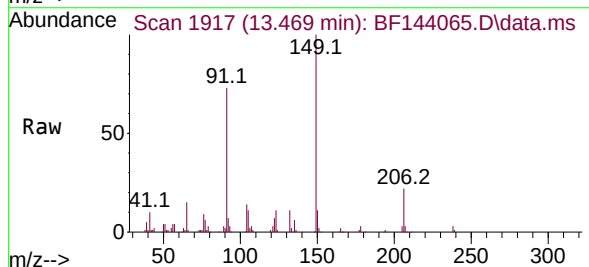
Tgt Ion:149 Resp: 94583

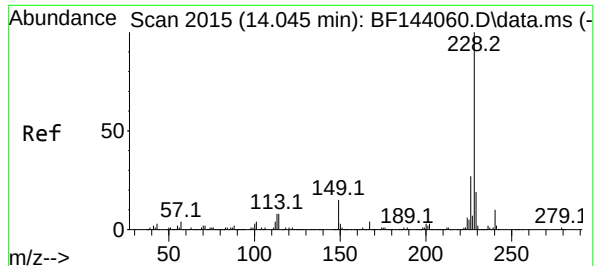
Ion Ratio Lower Upper

149 100

91 72.6 56.6 84.8

206 22.0 18.3 27.5





#81

Benzo(a)anthracene

Concen: 35.620 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

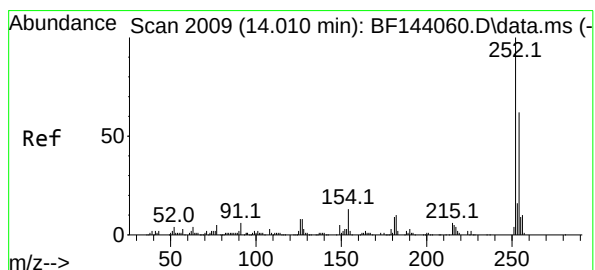
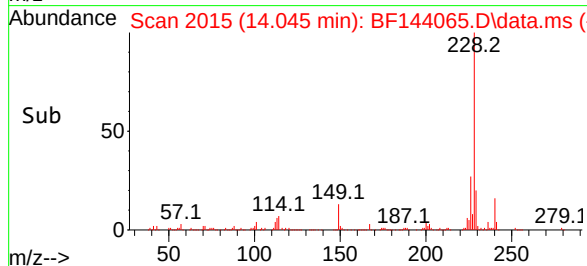
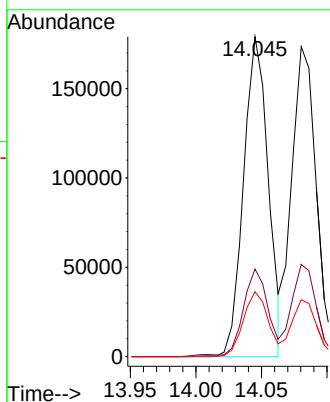
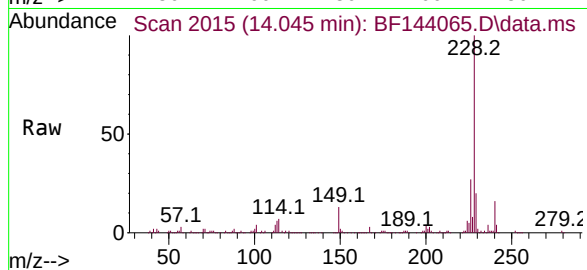
Tgt Ion:228 Resp: 234218

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 20.3 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 42.643 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

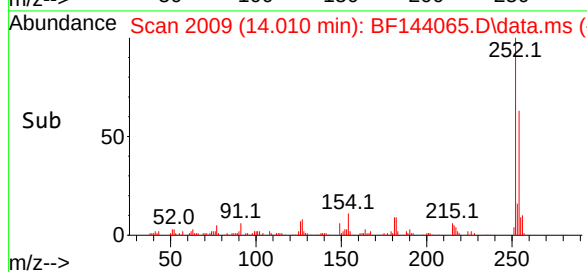
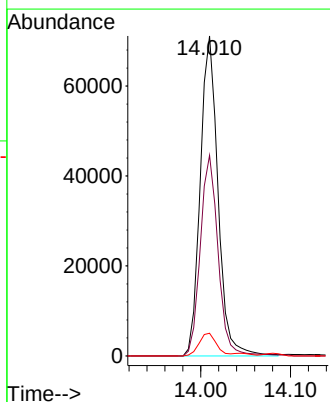
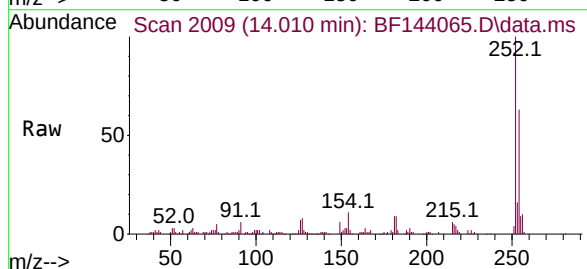
Tgt Ion:252 Resp: 97608

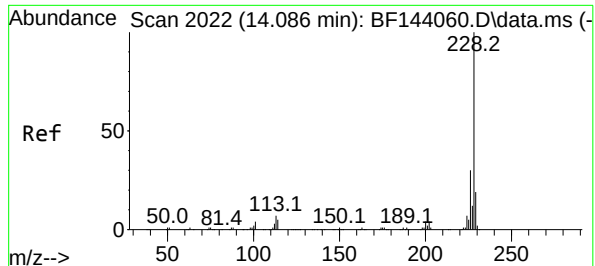
Ion Ratio Lower Upper

252 100

254 62.7 49.9 74.9

126 7.1 6.5 9.7





#83

Chrysene

Concen: 36.371 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

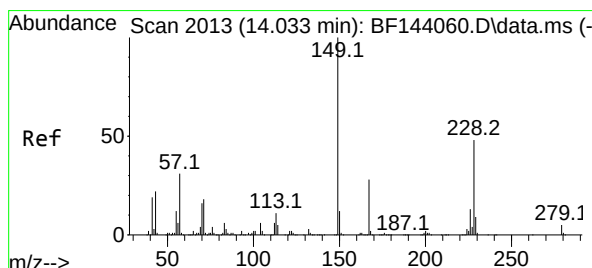
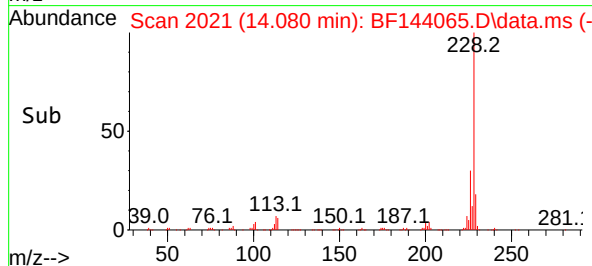
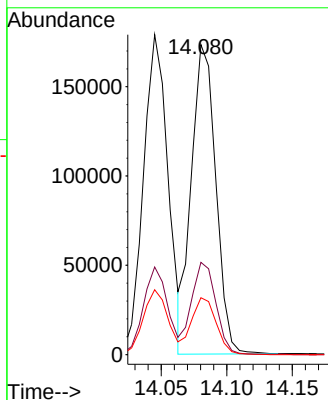
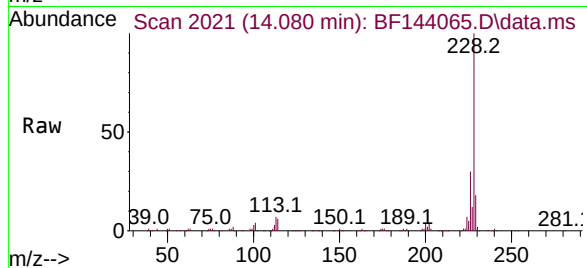
Tgt Ion:228 Resp: 224422

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 18.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.110 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

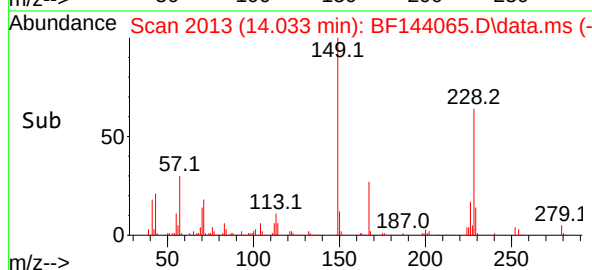
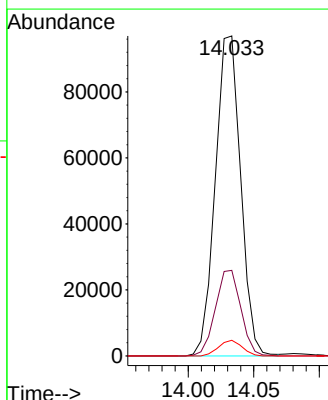
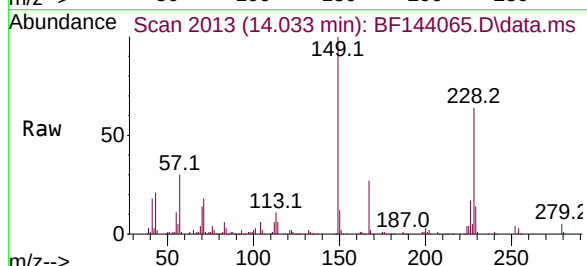
Tgt Ion:149 Resp: 130456

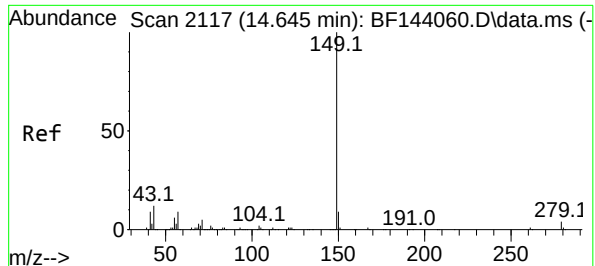
Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

279 4.9 3.6 5.4

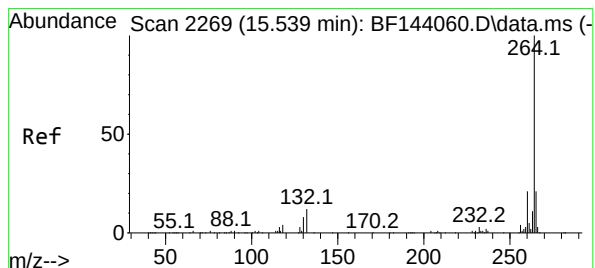
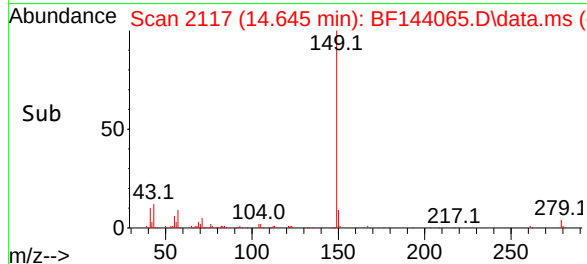
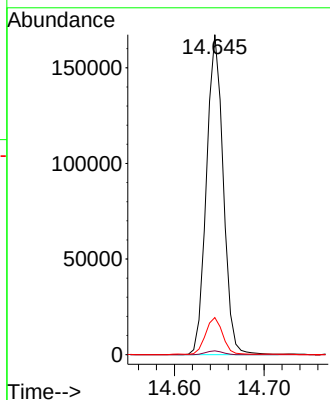
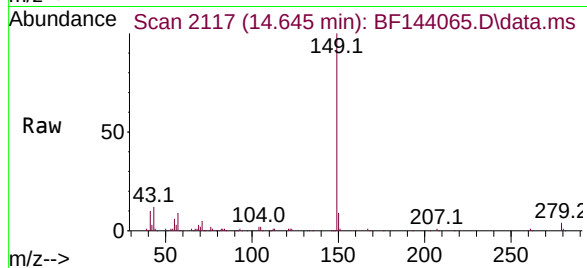




#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

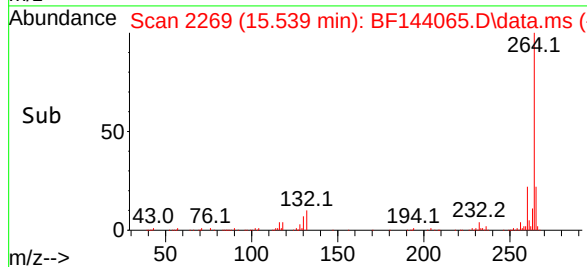
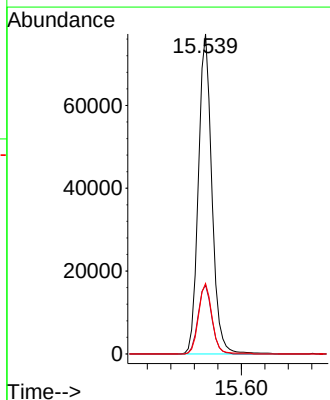
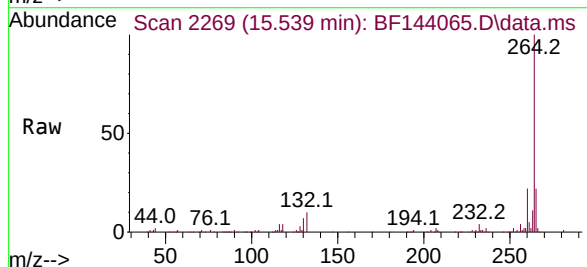
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

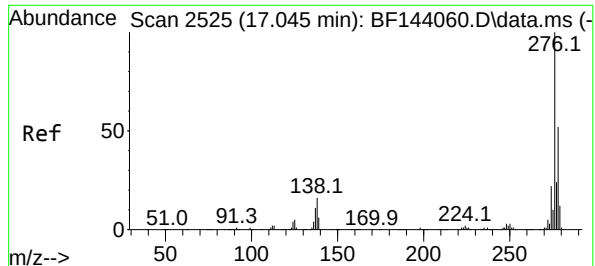
Tgt Ion:149 Resp: 218335
Ion Ratio Lower Upper
149 100
167 1.2 1.2 1.8#
43 12.0 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:264 Resp: 122912
Ion Ratio Lower Upper
264 100
260 21.5 17.0 25.4
265 22.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.856 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

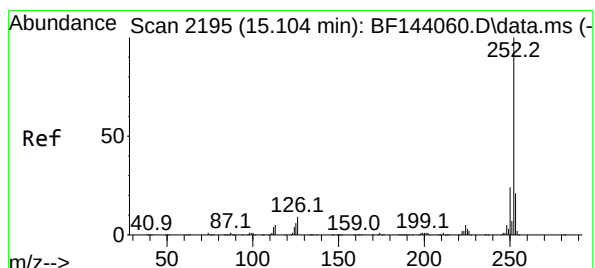
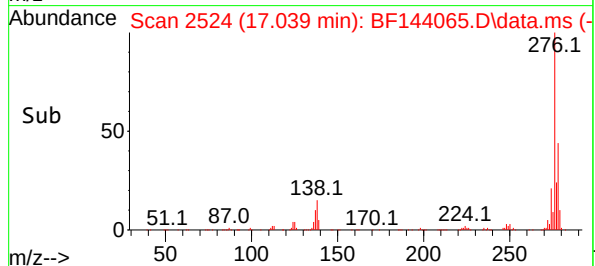
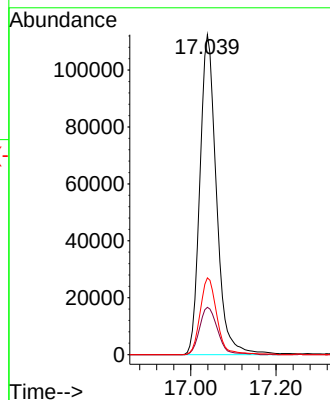
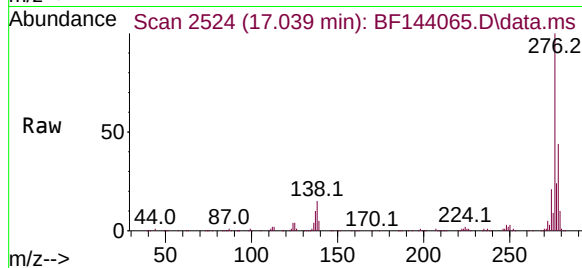
Tgt Ion:276 Resp: 302575

Ion Ratio Lower Upper

276 100

138 16.0 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 33.715 ng

RT: 15.104 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

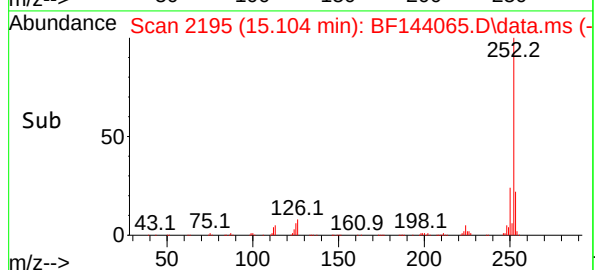
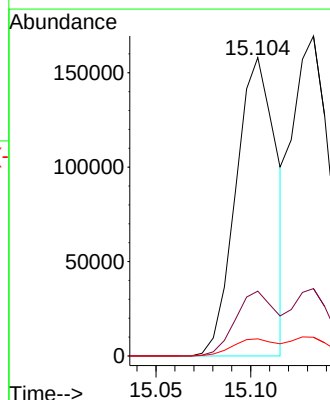
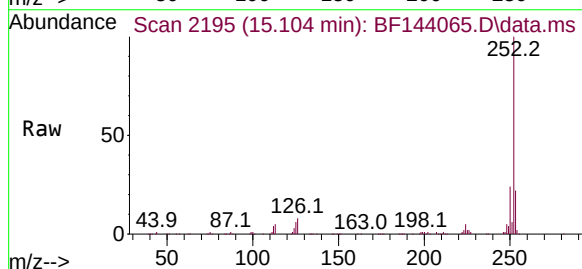
Tgt Ion:252 Resp: 234274

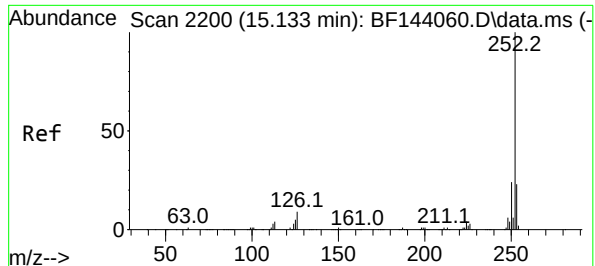
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 5.7 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 37.516 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

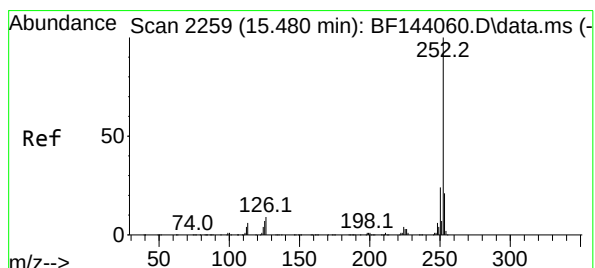
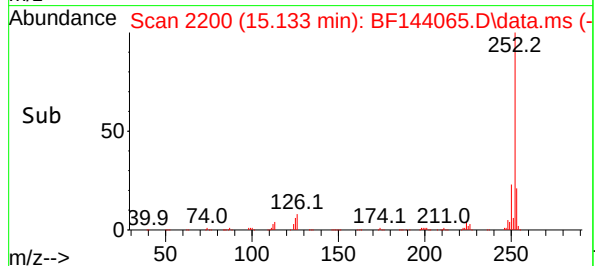
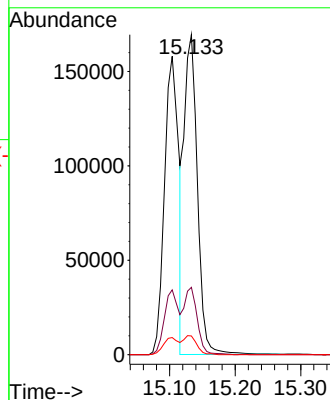
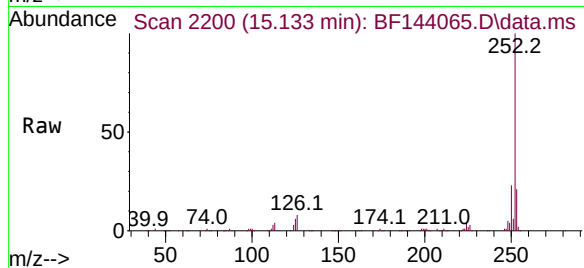
Tgt Ion:252 Resp: 240517

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

125 5.8 4.9 7.3



#90

Benzo(a)pyrene

Concen: 36.773 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

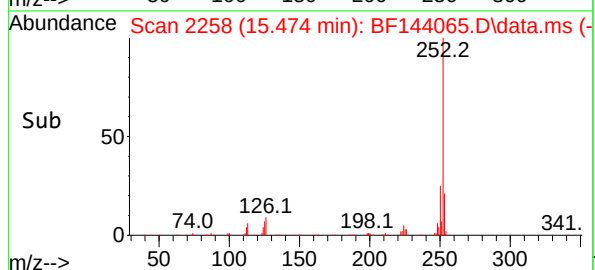
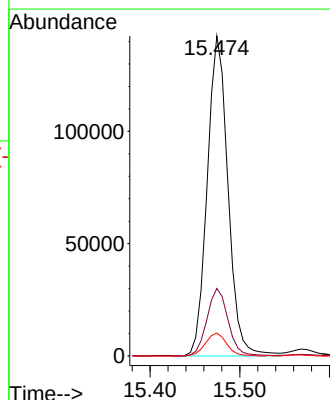
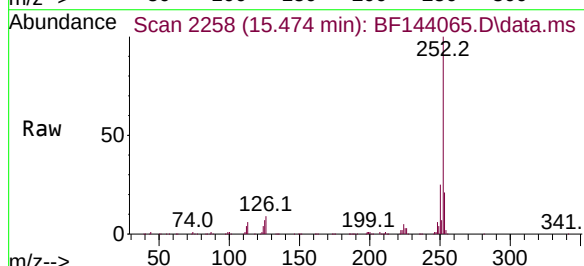
Tgt Ion:252 Resp: 229237

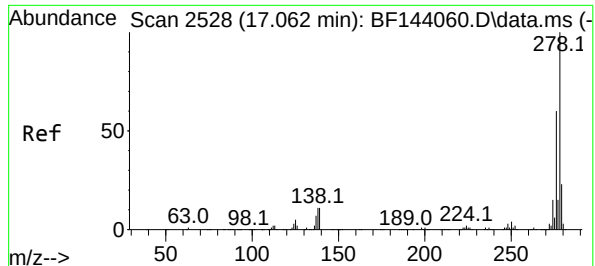
Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 7.1 5.4 8.2

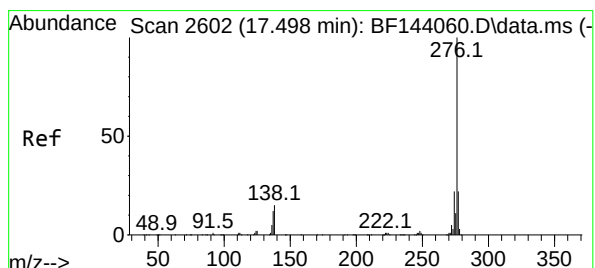
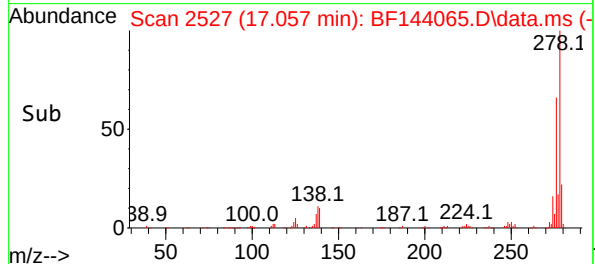
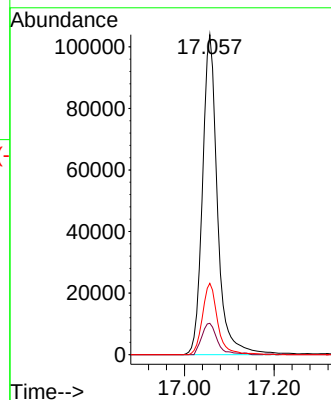
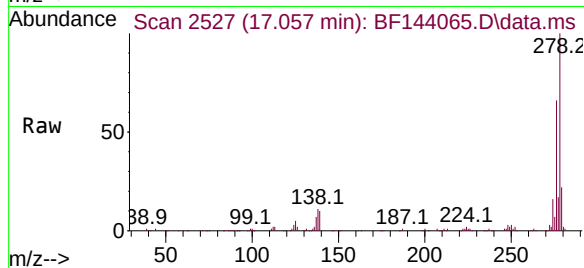




#91
Dibenzo(a,h)anthracene
Concen: 36.012 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

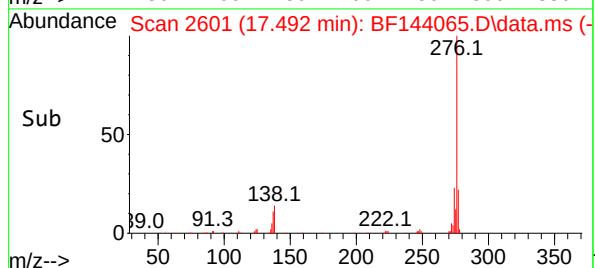
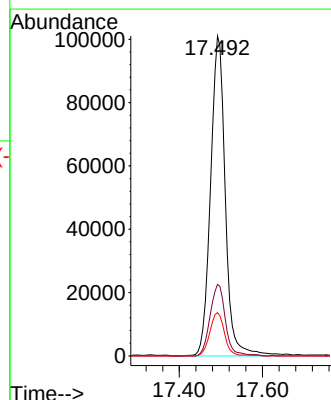
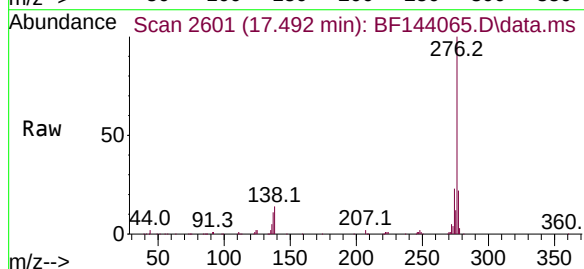
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Tgt Ion:278 Resp: 240551
Ion Ratio Lower Upper
278 100
139 9.8 8.5 12.7
279 22.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.942 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:276 Resp: 248094
Ion Ratio Lower Upper
276 100
277 22.3 17.9 26.9
138 13.5 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 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	80	0.00
2	1,4-Dioxane	40.000	35.621	10.9	71	0.00
3	Pyridine	40.000	32.576	18.6	63	0.00
4	n-Nitrosodimethylamine	40.000	36.893	7.8	73	0.00
5 S	2-Fluorophenol	80.000	70.283	12.1	68	0.00
6	Aniline	40.000	36.320	9.2	72	0.00
7 S	Phenol-d6	80.000	68.955	13.8	69	0.00
8	2-Chlorophenol	40.000	33.579	16.1	67	0.00
9	Benzaldehyde	40.000	34.852	12.9	73	0.00
10 C	Phenol	40.000	34.853	12.9	69	0.00
11	bis(2-Chloroethyl)ether	40.000	33.851	15.4	68	0.00
12	1,3-Dichlorobenzene	40.000	36.971	7.6	73	0.00
13 C	1,4-Dichlorobenzene	40.000	37.183	7.0	73	0.00
14	1,2-Dichlorobenzene	40.000	35.872	10.3	71	0.00
15	Benzyl Alcohol	40.000	36.330	9.2	72	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	34.517	13.7	68	0.00
17	2-Methylphenol	40.000	35.152	12.1	73	0.00
18	Hexachloroethane	40.000	34.696	13.3	69	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	35.002	12.5	72	0.00
20	3+4-Methylphenols	40.000	36.095	9.8	70	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	78	0.00
22	Acetophenone	40.000	38.453	3.9	74	0.00
23 S	Nitrobenzene-d5	80.000	70.696	11.6	68	0.00
24	Nitrobenzene	40.000	36.753	8.1	70	0.00
25	Isophorone	40.000	36.322	9.2	70	0.00
26 C	2-Nitrophenol	40.000	36.360	9.1	68	0.00
27	2,4-Dimethylphenol	40.000	39.405	1.5	73	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.182	12.0	67	0.00
29 C	2,4-Dichlorophenol	40.000	35.901	10.2	69	0.00
30	1,2,4-Trichlorobenzene	40.000	38.739	3.2	74	0.00
31	Naphthalene	40.000	35.834	10.4	68	0.00
32	Benzoic acid	40.000	44.054	-10.1	102	0.00
33	4-Chloroaniline	40.000	41.428	-3.6	79	0.00
34 C	Hexachlorobutadiene	40.000	38.260	4.4	74	0.00
35	Caprolactam	40.000	35.331	11.7	65	0.00
36 C	4-Chloro-3-methylphenol	40.000	36.112	9.7	70	0.00
37	2-Methylnaphthalene	40.000	33.233	16.9	62	0.00
38	1-Methylnaphthalene	40.000	35.945	10.1	70	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	83	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	35.121	12.2	71	0.00
41 P	Hexachlorocyclopentadiene	40.000	48.585	-21.5	99	0.00
42 S	2,4,6-Tribromophenol	80.000	68.551	14.3	69	0.00
43 C	2,4,6-Trichlorophenol	40.000	33.986	15.0	67	0.00
44	2,4,5-Trichlorophenol	40.000	36.018	10.0	75	0.00
45 S	2-Fluorobiphenyl	80.000	67.717	15.4	69	0.00
46	1,1'-Biphenyl	40.000	35.345	11.6	71	0.00
47	2-Chloronaphthalene	40.000	34.908	12.7	71	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 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	36.621	8.4	71	0.00
49	Acenaphthylene	40.000	39.474	1.3	78	0.00
50	Dimethylphthalate	40.000	34.098	14.8	68	0.00
51	2,6-Dinitrotoluene	40.000	35.461	11.3	69	0.00
52 C	Acenaphthene	40.000	35.145	12.1	71	0.00
53	3-Nitroaniline	40.000	35.804	10.5	67	0.00
54 P	2,4-Dinitrophenol	40.000	41.102	-2.8	97	0.00
55	Dibenzofuran	40.000	34.140	14.6	68	0.00
56 P	4-Nitrophenol	40.000	38.254	4.4	83	0.00
57	2,4-Dinitrotoluene	40.000	37.002	7.5	70	0.00
58	Fluorene	40.000	34.864	12.8	70	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	39.232	1.9	75	0.00
60	Diethylphthalate	40.000	35.442	11.4	70	0.00
61	4-Chlorophenyl-phenylether	40.000	35.479	11.3	70	0.00
62	4-Nitroaniline	40.000	33.756	15.6	65	0.00
63	Azobenzene	40.000	36.422	8.9	71	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	80	0.00
65	4,6-Dinitro-2-methylphenol	40.000	37.867	5.3	79	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.075	9.8	72	0.00
67	4-Bromophenyl-phenylether	40.000	35.313	11.7	68	0.00
68	Hexachlorobenzene	40.000	35.903	10.2	68	0.00
69	Atrazine	40.000	36.643	8.4	74	0.00
70 C	Pentachlorophenol	40.000	33.237	16.9	65	0.00
71	Phenanthrene	40.000	36.120	9.7	70	0.00
72	Anthracene	40.000	35.782	10.5	70	0.00
73	Carbazole	40.000	35.250	11.9	68	0.00
74	Di-n-butylphthalate	40.000	35.967	10.1	69	0.00
75 C	Fluoranthene	40.000	34.929	12.7	68	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	79	0.00
77	Benzidine	40.000	48.386	-21.0	89	0.00
78	Pyrene	40.000	35.297	11.8	66	0.00
79 S	Terphenyl-d14	80.000	73.542	8.1	68	0.00
80	Butylbenzylphthalate	40.000	35.741	10.6	64	0.00
81	Benzo(a)anthracene	40.000	35.620	11.0	62	0.00
82	3,3'-Dichlorobenzidine	40.000	42.643	-6.6	77	0.00
83	Chrysene	40.000	36.371	9.1	69	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	36.110	9.7	66	0.00
85 c	Di-n-octyl phthalate	40.000	35.142	12.1	63	0.00
86 I	Perylene-d12	20.000	20.000	0.0	80	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	35.856	10.4	67	0.00
88	Benzo(b)fluoranthene	40.000	33.715	15.7	61	0.00
89	Benzo(k)fluoranthene	40.000	37.516	6.2	74	0.00
90 C	Benzo(a)pyrene	40.000	36.773	8.1	69	0.00
91	Dibenzo(a,h)anthracene	40.000	36.012	10.0	67	0.00
92	Benzo(g,h,i)perylene	40.000	36.942	7.6	68	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Quant Time: Oct 24 17:42:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 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)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 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	80	0.00
2	1,4-Dioxane	0.546	0.486	11.0	71	0.00
3	Pyridine	1.462	1.191	18.5	63	0.00
4	n-Nitrosodimethylamine	0.899	0.829	7.8	73	0.00
5 S	2-Fluorophenol	1.264	1.111	12.1	68	0.00
6	Aniline	1.997	1.814	9.2	72	0.00
7 S	Phenol-d6	1.396	1.203	13.8	69	0.00
8	2-Chlorophenol	1.245	1.045	16.1	67	0.00
9	Benzaldehyde	1.084	0.944	12.9	73	0.00
10 C	Phenol	1.722	1.501	12.8	69	0.00
11	bis(2-Chloroethyl)ether	1.245	1.053	15.4	68	0.00
12	1,3-Dichlorobenzene	1.536	1.419	7.6	73	0.00
13 C	1,4-Dichlorobenzene	1.513	1.407	7.0	73	0.00
14	1,2-Dichlorobenzene	1.464	1.313	10.3	71	0.00
15	Benzyl Alcohol	1.135	1.031	9.2	72	0.00
16	2,2'-oxybis(1-Chloropropane	2.339	2.018	13.7	68	0.00
17	2-Methylphenol	0.957	0.841	12.1	73	0.00
18	Hexachloroethane	0.541	0.469	13.3	69	0.00
19 P	n-Nitroso-di-n-propylamine	0.903	0.790	12.5	72	0.00
20	3+4-Methylphenols	1.132	1.021	9.8	70	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	78	0.00
22	Acetophenone	0.432	0.416	3.7	74	0.00
23 S	Nitrobenzene-d5	0.365	0.323	11.5	68	0.00
24	Nitrobenzene	0.386	0.355	8.0	70	0.00
25	Isophorone	0.638	0.580	9.1	70	0.00
26 C	2-Nitrophenol	0.184	0.167	9.2	68	0.00
27	2,4-Dimethylphenol	0.273	0.269	1.5	73	0.00
28	bis(2-Chloroethoxy)methane	0.398	0.350	12.1	67	0.00
29 C	2,4-Dichlorophenol	0.317	0.285	10.1	69	0.00
30	1,2,4-Trichlorobenzene	0.327	0.316	3.4	74	0.00
31	Naphthalene	0.944	0.846	10.4	68	0.00
32	Benzoic acid	0.173	0.191	-10.4	102	0.00
33	4-Chloroaniline	0.329	0.340	-3.3	79	0.00
34 C	Hexachlorobutadiene	0.267	0.255	4.5	74	0.00
35	Caprolactam	0.080	0.070	12.5	65	0.00
36 C	4-Chloro-3-methylphenol	0.280	0.253	9.6	70	0.00
37	2-Methylnaphthalene	0.622	0.517	16.9	62	0.00
38	1-Methylnaphthalene	0.590	0.530	10.2	70	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	83	0.00
40	1,2,4,5-Tetrachlorobenzene	0.687	0.604	12.1	71	0.00
41 P	Hexachlorocyclopentadiene	0.212	0.258	-21.7	99	0.00
42 S	2,4,6-Tribromophenol	0.255	0.218	14.5	69	0.00
43 C	2,4,6-Trichlorophenol	0.447	0.380	15.0	67	0.00
44	2,4,5-Trichlorophenol	0.469	0.422	10.0	75	0.00
45 S	2-Fluorobiphenyl	1.421	1.203	15.3	69	0.00
46	1,1'-Biphenyl	1.432	1.265	11.7	71	0.00
47	2-Chloronaphthalene	1.199	1.047	12.7	71	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 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	0.356	0.326	8.4	71	0.00
49	Acenaphthylene	1.617	1.596	1.3	78	0.00
50	Dimethylphthalate	1.311	1.118	14.7	68	0.00
51	2,6-Dinitrotoluene	0.259	0.230	11.2	69	0.00
52 C	Acenaphthene	1.080	0.949	12.1	71	0.00
53	3-Nitroaniline	0.288	0.258	10.4	67	0.00
54 P	2,4-Dinitrophenol	0.140	0.144	-2.9	97	0.00
55	Dibenzofuran	1.499	1.280	14.6	68	0.00
56 P	4-Nitrophenol	0.195	0.187	4.1	83	0.00
57	2,4-Dinitrotoluene	0.350	0.324	7.4	70	0.00
58	Fluorene	1.143	0.996	12.9	70	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.324	1.8	75	0.00
60	Diethylphthalate	1.233	1.092	11.4	70	0.00
61	4-Chlorophenyl-phenylether	0.643	0.570	11.4	70	0.00
62	4-Nitroaniline	0.273	0.230	15.8	65	0.00
63	Azobenzene	1.167	1.062	9.0	71	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	80	0.00
65	4,6-Dinitro-2-methylphenol	0.128	0.121	5.5	79	0.00
66 c	n-Nitrosodiphenylamine	0.639	0.576	9.9	72	0.00
67	4-Bromophenyl-phenylether	0.250	0.221	11.6	68	0.00
68	Hexachlorobenzene	0.307	0.276	10.1	68	0.00
69	Atrazine	0.210	0.192	8.6	74	0.00
70 C	Pentachlorophenol	0.146	0.121	17.1	65	0.00
71	Phenanthrene	0.994	0.897	9.8	70	0.00
72	Anthracene	1.026	0.918	10.5	70	0.00
73	Carbazole	0.874	0.770	11.9	68	0.00
74	Di-n-butylphthalate	1.071	0.963	10.1	69	0.00
75 C	Fluoranthene	1.098	0.958	12.8	68	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	79	0.00
77	Benzydine	0.622	0.753	-21.1	89	0.00
78	Pyrene	1.438	1.269	11.8	66	0.00
79 S	Terphenyl-d14	1.144	1.052	8.0	68	0.00
80	Butylbenzylphthalate	0.544	0.486	10.7	64	0.00
81	Benzo(a)anthracene	1.352	1.204	10.9	62	0.00
82	3,3'-Dichlorobenzidine	0.470	0.502	-6.8	77	0.00
83	Chrysene	1.268	1.153	9.1	69	0.00
84	Bis(2-ethylhexyl)phthalate	0.743	0.670	9.8	66	0.00
85 c	Di-n-octyl phthalate	1.277	1.122	12.1	63	0.00
86 I	Perylene-d12	1.000	1.000	0.0	80	0.00
87	Indeno(1,2,3-cd)pyrene	1.373	1.231	10.3	67	0.00
88	Benzo(b)fluoranthene	1.131	0.953	15.7	61	0.00
89	Benzo(k)fluoranthene	1.043	0.978	6.2	74	0.00
90 C	Benzo(a)pyrene	1.014	0.933	8.0	69	0.00
91	Dibenzo(a,h)anthracene	1.087	0.979	9.9	67	0.00
92	Benzo(g,h,i)perylene	1.093	1.009	7.7	68	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144065.D
Acq On : 24 Oct 2025 17:22
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Quant Time: Oct 24 17:42:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 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)

(#) = 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>ICES02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3399</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/22/2025 10:25</u>
Lab File ID:	<u>BF144032.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	1.263		0.3	
Benzaldehyde	1.158	1.176		1.6	
Phenol-d6	1.501	1.459		-2.8	
Phenol	1.795	1.838		2.4	20.0
bis(2-Chloroethyl)ether	1.386	1.342		-3.2	
2-Chlorophenol	1.231	1.205		-2.1	
2-Methylphenol	1.017	0.970		-4.6	
2,2-oxybis(1-Chloropropane)	3.156	3.068		-2.8	
Acetophenone	0.423	0.389		-8.0	
3+4-Methylphenols	1.179	1.144		-3.0	
n-Nitroso-di-n-propylamine	1.028	0.930	0.050	-9.5	
Nitrobenzene-d5	0.329	0.331		0.6	
Hexachloroethane	0.485	0.469		-3.3	
Nitrobenzene	0.366	0.366		0.0	
Isophorone	0.694	0.630		-9.2	
2-Nitrophenol	0.157	0.173		10.2	20.0
2,4-Dimethylphenol	0.282	0.273		-3.2	
bis(2-Chloroethoxy)methane	0.438	0.417		-4.8	
2,4-Dichlorophenol	0.294	0.284		-3.4	20.0
Naphthalene	0.910	0.867		-4.7	
4-Chloroaniline	0.341	0.317		-7.0	
Hexachlorobutadiene	0.201	0.185		-8.0	20.0
Caprolactam	0.093	0.078		-16.1	
4-Chloro-3-methylphenol	0.282	0.258		-8.5	20.0
2-Methylnaphthalene	0.606	0.564		-6.9	
Hexachlorocyclopentadiene	0.229	0.198	0.050	-13.5	
2,4,6-Trichlorophenol	0.404	0.385		-4.7	20.0
2-Fluorobiphenyl	1.260	1.173		-6.9	
2,4,5-Trichlorophenol	0.427	0.416		-2.6	
1,1-Biphenyl	1.324	1.285		-2.9	
2-Chloronaphthalene	1.104	1.102		-0.2	
2-Nitroaniline	0.349	0.359		2.9	
Dimethylphthalate	1.270	1.174		-7.6	
Acenaphthylene	1.552	1.488		-4.1	
2,6-Dinitrotoluene	0.236	0.245		3.8	
3-Nitroaniline	0.288	0.288		0.0	
Acenaphthene	1.017	0.988		-2.9	20.0
2,4-Dinitrophenol	0.118	0.150	0.050	27.1	
4-Nitrophenol	0.218	0.221	0.050	1.4	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02
 Lab Code: ACE SDG No.: Q3399
 Instrument ID: BNA_F Calibration Date/Time: 10/22/2025 10:25
 Lab File ID: BF144032.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	1.365		-4.9	
2,4-Dinitrotoluene	0.320	0.327		2.2	
Diethylphthalate	1.180	1.076		-8.8	
4-Chlorophenyl-phenylether	0.573	0.537		-6.3	
Fluorene	1.083	1.034		-4.5	
4-Nitroaniline	0.277	0.251		-9.4	
4,6-Dinitro-2-methylphenol	0.101	0.105		4.0	
n-Nitrosodiphenylamine	0.628	0.632		0.6	20.0
2,4,6-Tribromophenol	0.199	0.170		-14.6	
4-Bromophenyl-phenylether	0.221	0.208		-5.9	
Hexachlorobenzene	0.256	0.236		-7.8	
Atrazine	0.190	0.170		-10.5	
Pentachlorophenol	0.147	0.133		-9.5	20.0
Phenanthrene	0.970	0.937		-3.4	
Anthracene	0.980	0.950		-3.1	
Carbazole	0.868	0.813		-6.3	
Di-n-butylphthalate	1.005	0.932		-7.3	
Fluoranthene	1.002	0.880		-12.2	20.0
Pyrene	1.667	1.786		7.1	
Terphenyl-d14	1.170	1.232		5.3	
Butylbenzylphthalate	0.542	0.552		1.8	
3,3-Dichlorobenzidine	0.399	0.405		1.5	
Benzo (a) anthracene	1.309	1.289		-1.5	
Chrysene	1.211	1.219		0.7	
Bis(2-ethylhexyl)phthalate	0.653	0.682		4.4	
Di-n-octyl phthalate	1.072	1.265		18.0	20.0
Benzo (b) fluoranthene	1.149	0.981		-14.6	
Benzo (k) fluoranthene	1.063	0.999		-6.0	
Benzo (a) pyrene	0.996	0.976		-2.0	20.0
Indeno (1,2,3-cd) pyrene	1.225	1.460		19.2	
Dibenzo (a,h) anthracene	0.986	1.180		19.7	
Benzo (g,h,i) perylene	0.986	1.193		21.0	
1,2,4,5-Tetrachlorobenzene	0.553	0.552		-0.2	
1,4-Dioxane	0.583	0.579		-0.7	20.0
2,3,4,6-Tetrachlorophenol	0.302	0.272		-9.9	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144032.D
 Acq On : 22 Oct 2025 10:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 22 10:45:47 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	112960	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	428129	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	220935	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	348267	20.000	ng	0.00
76) Chrysene-d12	14.063	240	176671	20.000	ng	0.00
86) Perylene-d12	15.545	264	208587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	570670	80.225	ng	0.00
7) Phenol-d6	6.510	99	659248	77.752	ng	0.00
23) Nitrobenzene-d5	7.445	82	567360	80.513	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	150622	68.447	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1036678	74.454	ng	-0.01
79) Terphenyl-d14	12.998	244	870415	84.202	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	130914	39.771	ng	95
3) Pyridine	3.404	79	371739	38.793	ng	96
4) n-Nitrosodimethylamine	3.346	42	184996	36.698	ng	97
6) Aniline	6.545	93	482545	37.979	ng	100
8) 2-Chlorophenol	6.669	128	272303	39.162	ng	98
9) Benzaldehyde	6.434	77	265748	40.630	ng	100
10) Phenol	6.522	94	415210	40.961	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	303201	38.721	ng	98
12) 1,3-Dichlorobenzene	6.822	146	317188	38.108	ng	99
13) 1,4-Dichlorobenzene	6.898	146	320620	39.051	ng	100
14) 1,2-Dichlorobenzene	7.051	146	309073	39.302	ng	100
15) Benzyl Alcohol	7.022	79	242449	38.164	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	693138	38.888	ng	98
17) 2-Methylphenol	7.134	107	219189	38.143	ng	99
18) Hexachloroethane	7.392	117	105913	38.681	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	210181	36.214	ng	99
20) 3+4-Methylphenols	7.287	107	258547	38.820	ng	# 77
22) Acetophenone	7.292	105	333187	36.806	ng	97
24) Nitrobenzene	7.463	77	313733	40.091	ng	98
25) Isophorone	7.704	82	539108	36.283	ng	98
26) 2-Nitrophenol	7.781	139	147965	44.102	ng	98
27) 2,4-Dimethylphenol	7.816	122	234021	38.775	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	357265	38.064	ng	99
29) 2,4-Dichlorophenol	8.022	162	242803	38.622	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	235631	38.111	ng	98
31) Naphthalene	8.187	128	742491	38.125	ng	100
32) Benzoic acid	7.922	122	139736	33.454	ng	96
33) 4-Chloroaniline	8.234	127	271142	37.121	ng	99
34) Hexachlorobutadiene	8.304	225	158191	36.820	ng	96
35) Caprolactam	8.598	113	67146	33.592	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	221009	36.599	ng	97
37) 2-Methylnaphthalene	8.881	142	482790	37.215	ng	98
38) 1-Methylnaphthalene	8.981	142	463512	36.835	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	243860	39.935	ng	98
41) Hexachlorocyclopentadiene	9.034	237	87446	34.519	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	169935	38.088	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144032.D
 Acq On : 22 Oct 2025 10:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 22 10:45:47 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

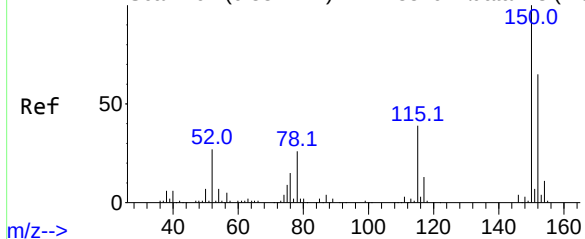
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	183803	38.983	ng	99
46) 1,1'-Biphenyl	9.345	154	567757	38.813	ng	98
47) 2-Chloronaphthalene	9.369	162	486843	39.918	ng	96
48) 2-Nitroaniline	9.463	65	158514	41.110	ng	99
49) Acenaphthylene	9.781	152	657637	38.355	ng	100
50) Dimethylphthalate	9.639	163	518815	36.978	ng	99
51) 2,6-Dinitrotoluene	9.704	165	108407	41.669	ng	99
52) Acenaphthene	9.957	154	436481	38.850	ng	99
53) 3-Nitroaniline	9.875	138	127187	39.926	ng	99
54) 2,4-Dinitrophenol	9.986	184	66301	44.671	ng	93
55) Dibenzofuran	10.128	168	603282	38.039	ng	99
56) 4-Nitrophenol	10.033	139	97764	40.532	ng	96
57) 2,4-Dinitrotoluene	10.110	165	144342	40.776	ng	100
58) Fluorene	10.475	166	456971	38.186	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120098	35.983	ng	# 98
60) Diethylphthalate	10.339	149	475428	36.475	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	237125	37.479	ng	96
62) 4-Nitroaniline	10.486	138	111123	36.275	ng	96
63) Azobenzene	10.622	77	511202	37.526	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	73177	41.812	ng	97
66) n-Nitrosodiphenylamine	10.580	169	440289	40.263	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	145024	37.679	ng	98
68) Hexachlorobenzene	11.022	284	164539	36.926	ng	98
69) Atrazine	11.110	200	118727	35.821	ng	98
70) Pentachlorophenol	11.222	266	92458	36.128	ng	97
71) Phenanthrene	11.439	178	652589	38.651	ng	99
72) Anthracene	11.492	178	661923	38.807	ng	100
73) Carbazole	11.645	167	566341	37.489	ng	99
74) Di-n-butylphthalate	11.975	149	649289	37.085	ng	99
75) Fluoranthene	12.627	202	612645	35.129	ng	98
77) Benzidine	12.757	184	196752	32.073	ng	99
78) Pyrene	12.863	202	631120	42.849	ng	100
80) Butylbenzylphthalate	13.474	149	194973	40.760	ng	99
81) Benzo(a)anthracene	14.051	228	455394	39.389	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	143273	40.664	ng	99
83) Chrysene	14.086	228	430745	40.255	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	241084	41.810	ng	99
85) Di-n-octyl phthalate	14.651	149	447041	47.203	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	609064	47.654	ng	97
88) Benzo(b)fluoranthene	15.110	252	409111	34.144	ng	100
89) Benzo(k)fluoranthene	15.139	252	416554	37.571	ng	98
90) Benzo(a)pyrene	15.480	252	406966	39.171	ng	# 97
91) Dibenzo(a,h)anthracene	17.068	278	492066	47.870	ng	97
92) Benzo(g,h,i)perylene	17.509	276	497793	48.426	ng	97

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

[illegible]

Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79)

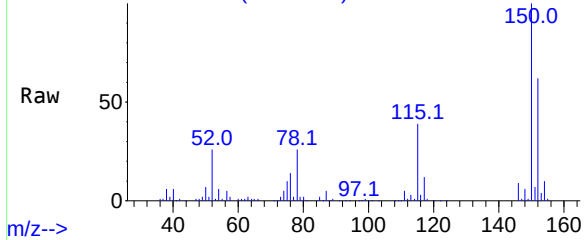


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

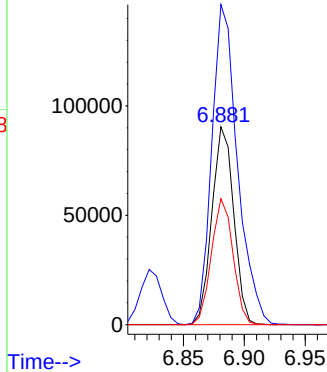
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 112960
Ion Ratio Lower Upper
152 100
150 161.7 124.4 186.6
115 63.7 48.1 72.1

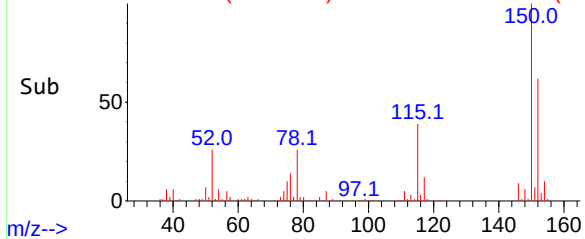
Abundance Scan 797 (6.881 min): BF144032.D\data.ms



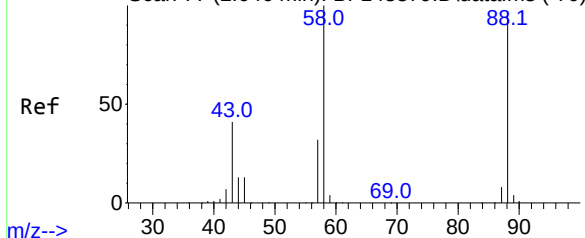
Abundance



Abundance Scan 797 (6.881 min): BF144032.D\data.ms (-78)



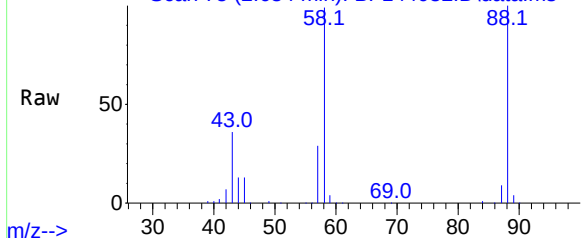
Abundance Scan 77 (2.646 min): BF143879.D\data.ms (-70)



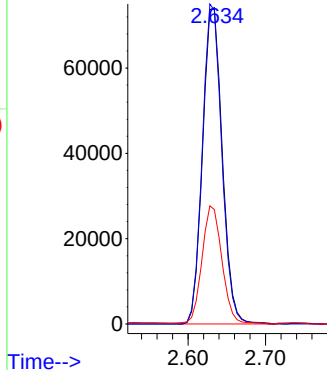
#2
1,4-Dioxane
Concen: 39.771 ng
RT: 2.634 min Scan# 75
Delta R.T. -0.012 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion: 88 Resp: 130914
Ion Ratio Lower Upper
88 100
58 99.5 83.0 124.6
43 38.0 33.9 50.9

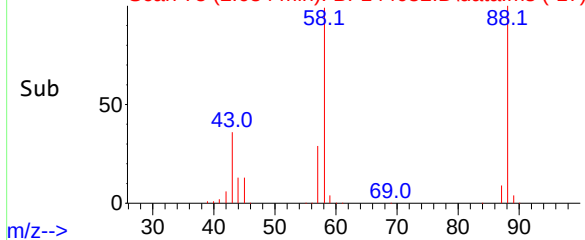
Abundance Scan 75 (2.634 min): BF144032.D\data.ms



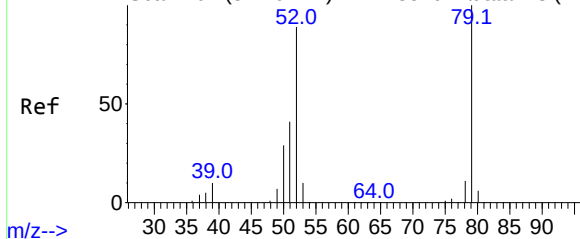
Abundance



Abundance Scan 75 (2.634 min): BF144032.D\data.ms (-17)



Abundance Scan 207 (3.410 min): BF143879.D\data.ms (-20



#3

Pyridine

Concen: 38.793 ng

RT: 3.404 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 371739

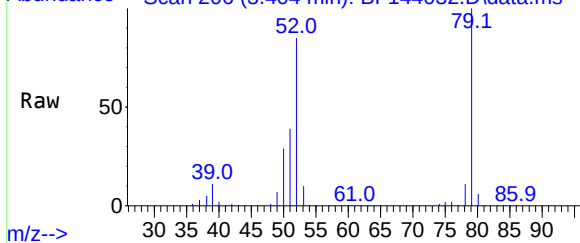
Ion Ratio Lower Upper

79 100

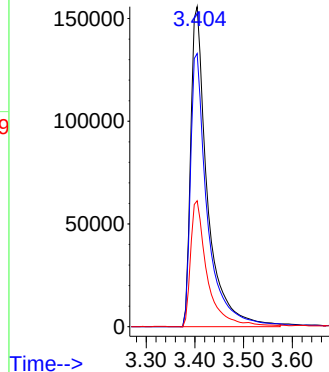
52 85.3 71.5 107.3

51 39.3 32.9 49.3

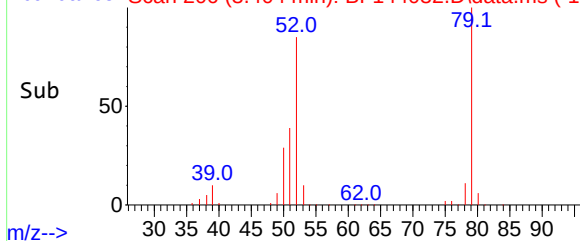
Abundance Scan 206 (3.404 min): BF144032.D\data.ms



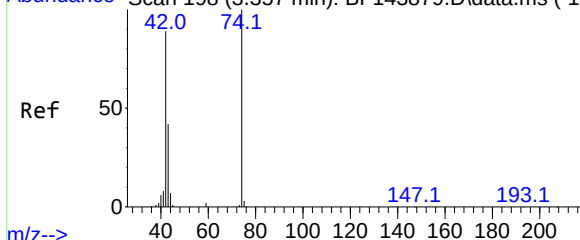
Abundance



Abundance Scan 206 (3.404 min): BF144032.D\data.ms (-19



Abundance Scan 198 (3.357 min): BF143879.D\data.ms (-18



#4

n-Nitrosodimethylamine

Concen: 36.698 ng

RT: 3.346 min Scan# 196

Delta R.T. -0.041 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 42 Resp: 184996

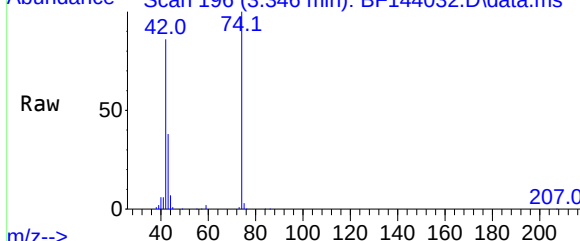
Ion Ratio Lower Upper

42 100

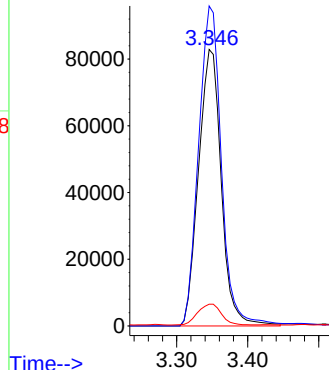
74 115.8 90.0 135.0

44 7.9 6.2 9.2

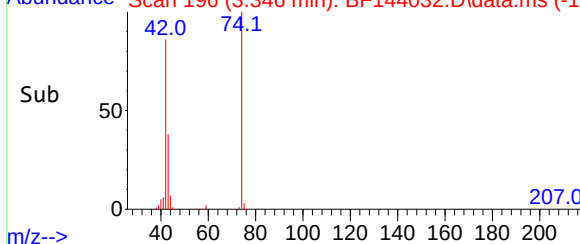
Abundance Scan 196 (3.346 min): BF144032.D\data.ms



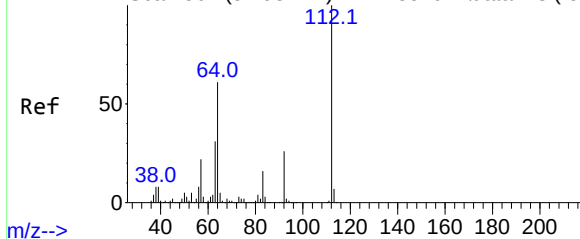
Abundance



Abundance Scan 196 (3.346 min): BF144032.D\data.ms (-18



Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



#5

2-Fluorophenol

Concen: 80.225 ng

RT: 5.498 min Scan# 5

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 570670

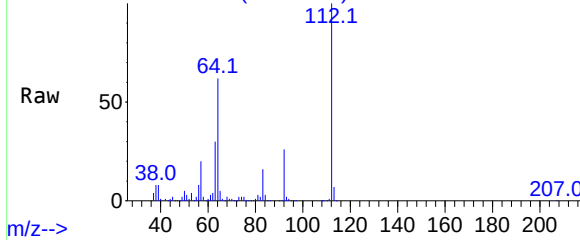
Ion Ratio Lower Upper

112 100

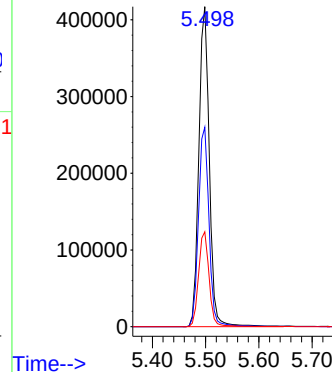
64 62.3 49.1 73.7

63 29.6 24.5 36.7

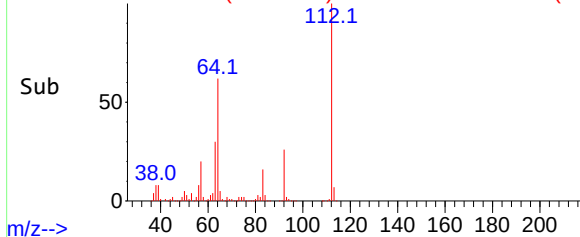
Abundance Scan 562 (5.498 min): BF144032.D\data.ms



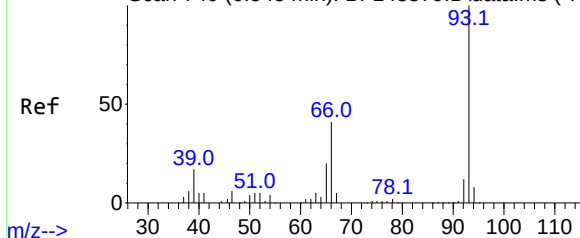
Abundance



Abundance Scan 562 (5.498 min): BF144032.D\data.ms (-51



Abundance Scan 740 (6.545 min): BF143879.D\data.ms (-72



#6

Aniline

Concen: 37.979 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 93 Resp: 482545

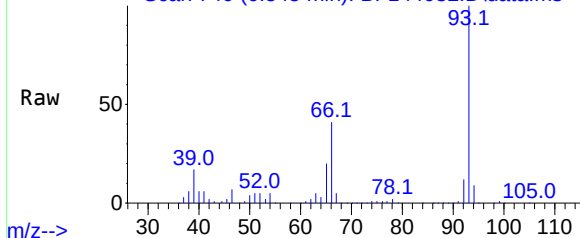
Ion Ratio Lower Upper

93 100

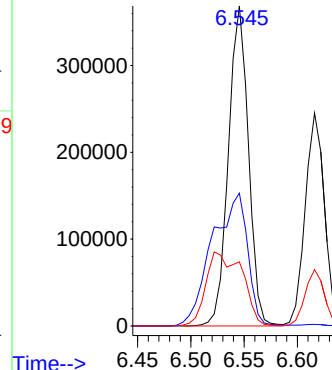
66 41.5 33.0 49.6

65 20.1 15.8 23.8

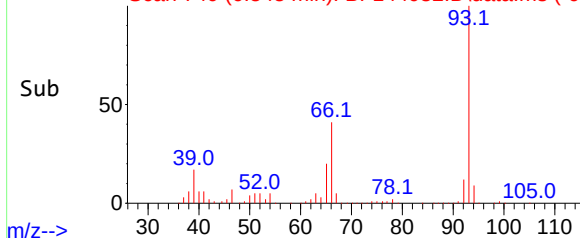
Abundance Scan 740 (6.545 min): BF144032.D\data.ms

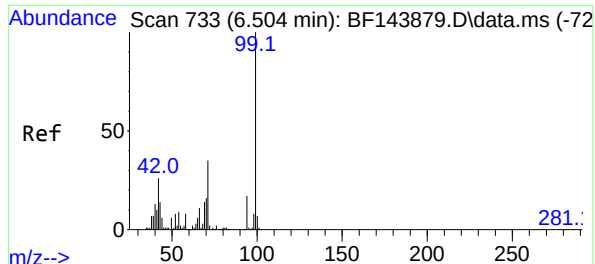


Abundance



Abundance Scan 740 (6.545 min): BF144032.D\data.ms (-69

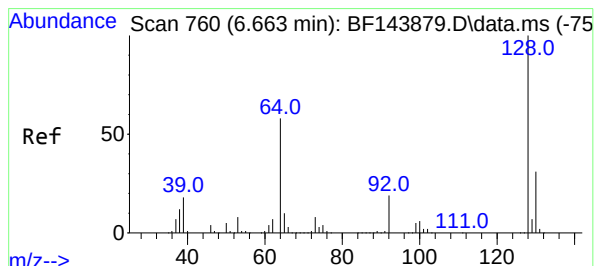
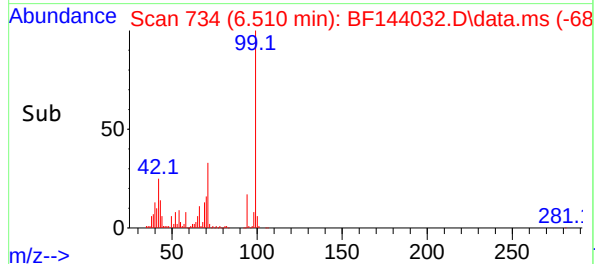
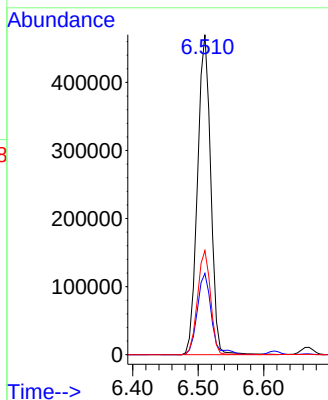
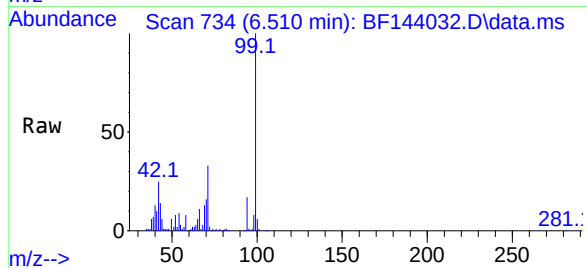




#7
Phenol-d6
Concen: 77.752 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

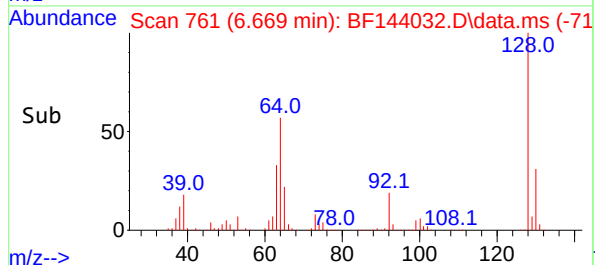
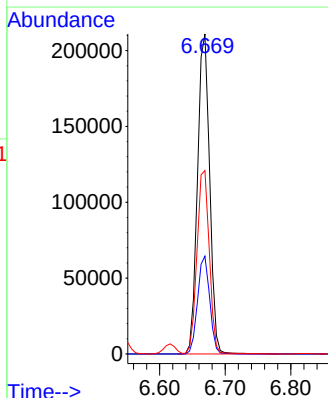
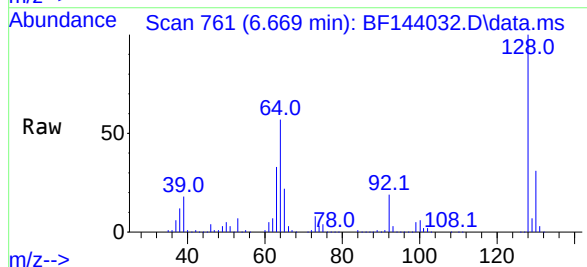
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 99 Resp: 659248
Ion Ratio Lower Upper
99 100
42 25.4 21.0 31.4
71 32.6 27.8 41.8

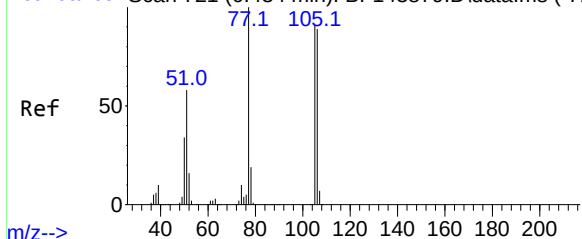


#8
2-Chlorophenol
Concen: 39.162 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion: 128 Resp: 272303
Ion Ratio Lower Upper
128 100
130 30.6 10.7 50.7
64 57.3 39.0 79.0

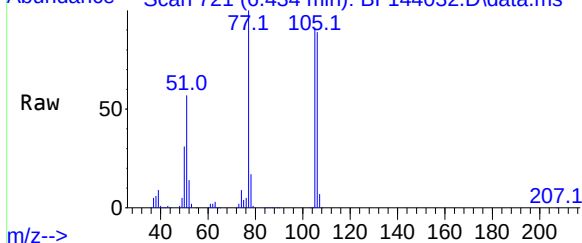


Abundance Scan 721 (6.434 min): BF143879.D\data.ms (-71



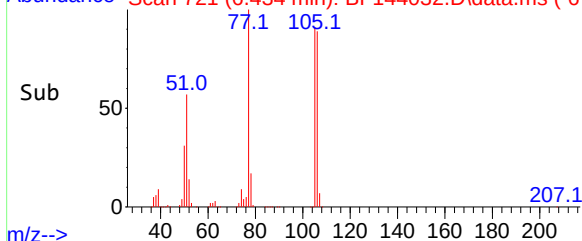
m/z-->

Abundance Scan 721 (6.434 min): BF144032.D\data.ms



m/z-->

Abundance Scan 721 (6.434 min): BF144032.D\data.ms (-67



m/z-->

#9

Benzaldehyde

Concen: 40.630 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 265748

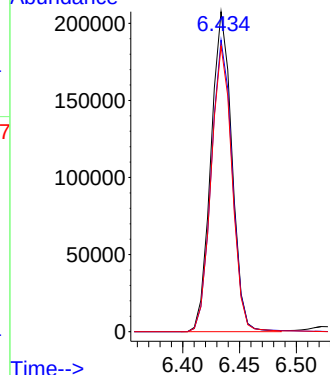
Ion Ratio Lower Upper

77 100

105 91.1 70.9 110.9

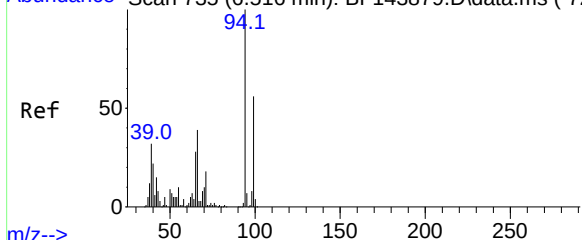
106 89.3 68.9 108.9

Abundance



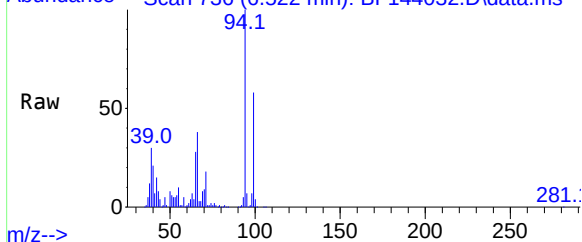
Time-->

Abundance Scan 735 (6.516 min): BF143879.D\data.ms (-72



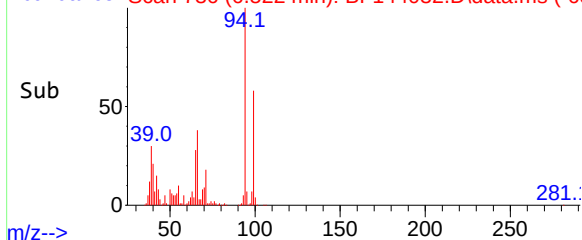
m/z-->

Abundance Scan 736 (6.522 min): BF144032.D\data.ms



m/z-->

Abundance Scan 736 (6.522 min): BF144032.D\data.ms (-68



m/z-->

#10

Phenol

Concen: 40.961 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 94 Resp: 415210

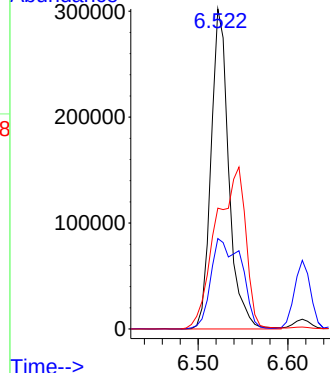
Ion Ratio Lower Upper

94 100

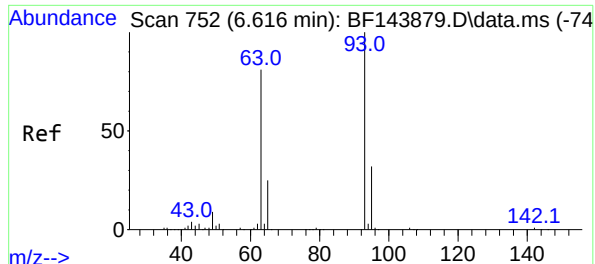
65 28.2 8.5 48.5

66 37.8 19.9 59.9

Abundance



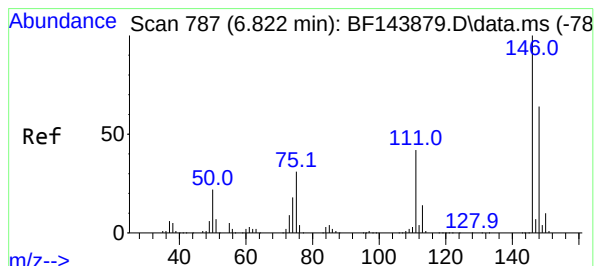
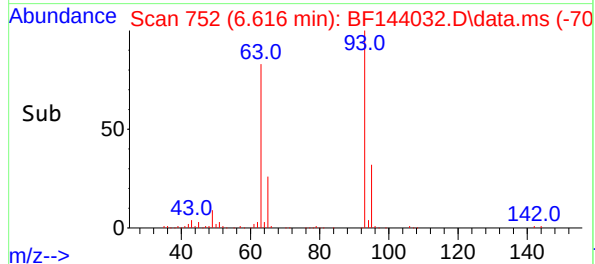
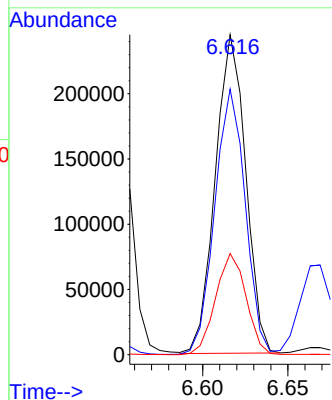
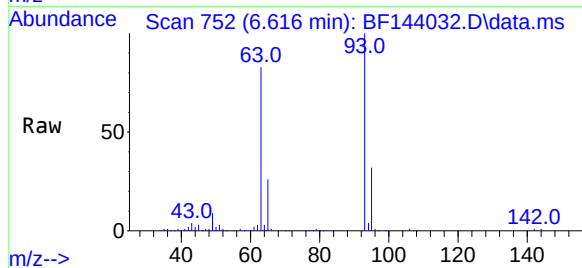
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 38.721 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

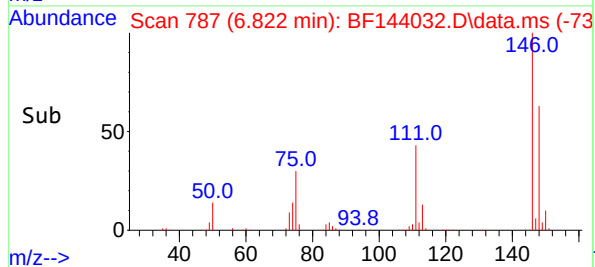
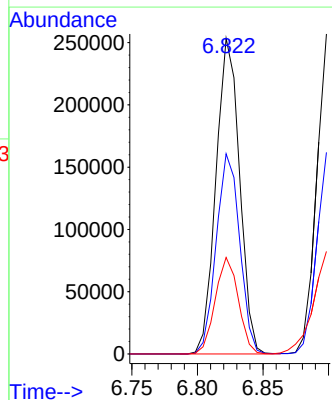
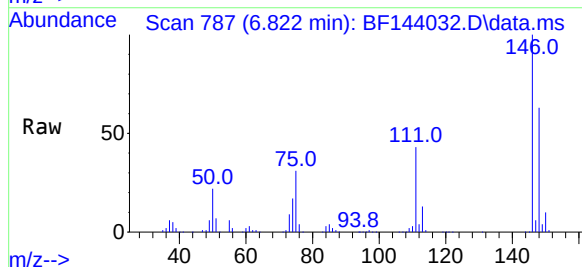
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 303201
Ion Ratio Lower Upper
93 100
63 83.0 60.9 100.9
95 31.6 11.5 51.5

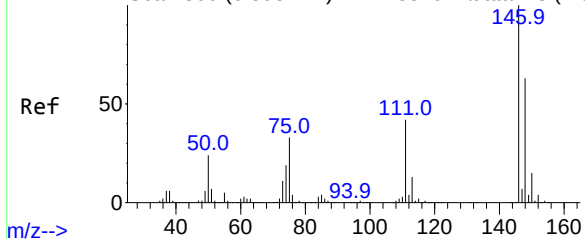


#12
1,3-Dichlorobenzene
Concen: 38.108 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:146 Resp: 317188
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 30.6 24.9 37.3

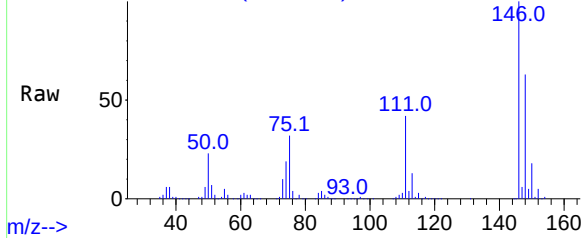


Abundance Scan 800 (6.898 min): BF143879.D\data.ms (-79



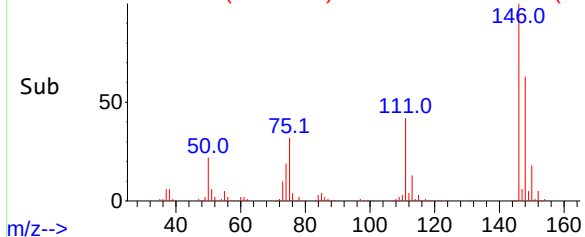
m/z-->

Abundance Scan 800 (6.898 min): BF144032.D\data.ms



m/z-->

Abundance Scan 800 (6.898 min): BF144032.D\data.ms (-75



m/z-->

#13

1,4-Dichlorobenzene

Concen: 39.051 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

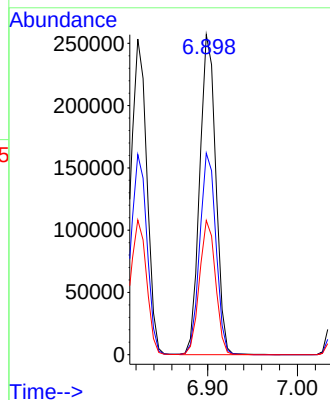
Tgt Ion:146 Resp: 320620

Ion Ratio Lower Upper

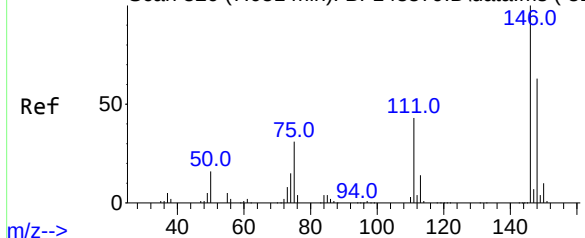
146 100

148 63.0 50.5 75.7

111 42.0 33.4 50.0

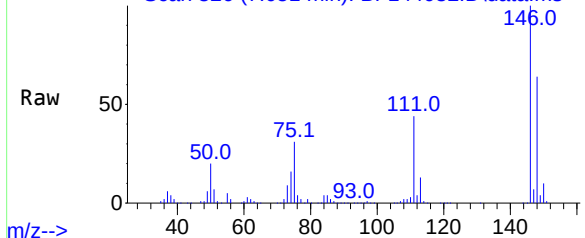


Abundance Scan 826 (7.051 min): BF143879.D\data.ms (-81



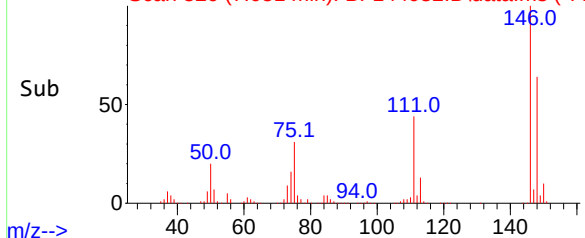
m/z-->

Abundance Scan 826 (7.051 min): BF144032.D\data.ms



m/z-->

Abundance Scan 826 (7.051 min): BF144032.D\data.ms (-77



m/z-->

#14

1,2-Dichlorobenzene

Concen: 39.302 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

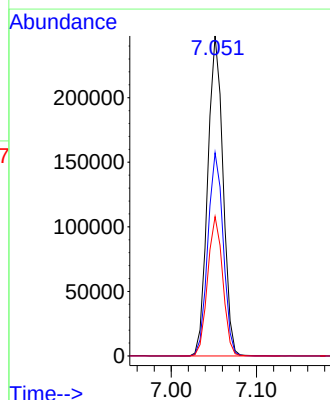
Tgt Ion:146 Resp: 309073

Ion Ratio Lower Upper

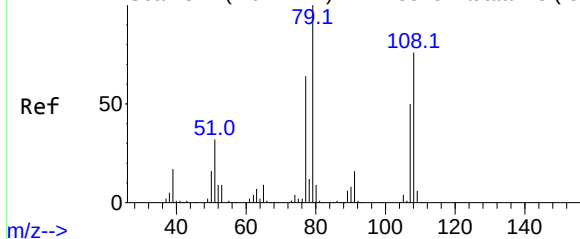
146 100

148 63.5 50.6 75.8

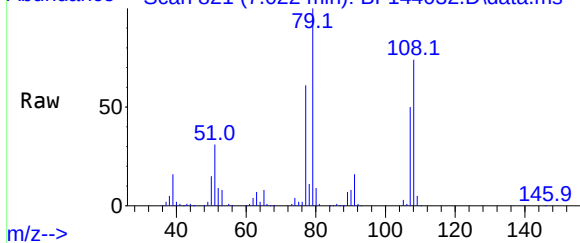
111 43.5 34.6 51.8



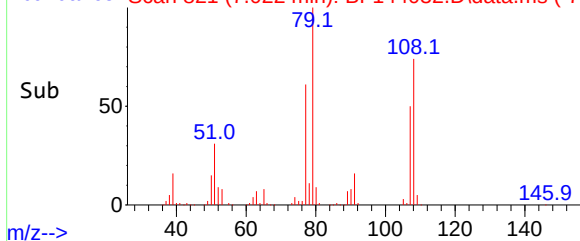
Abundance Scan 821 (7.022 min): BF143879.D\data.ms (-81



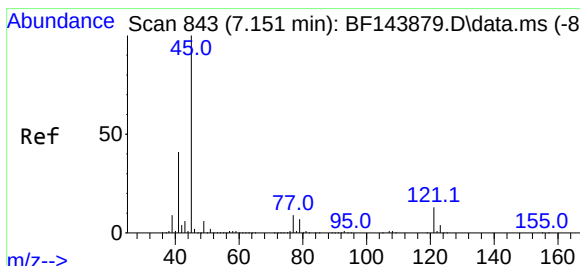
m/z--> Abundance Scan 821 (7.022 min): BF144032.D\data.ms



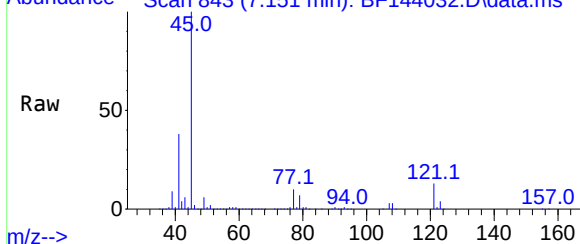
m/z--> Abundance Scan 821 (7.022 min): BF144032.D\data.ms (-77



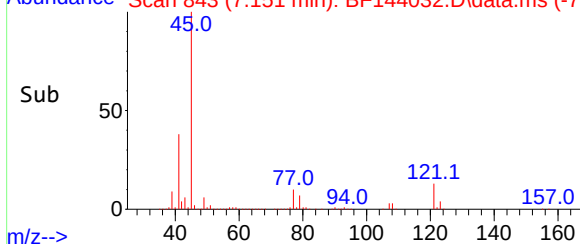
m/z--> Abundance Scan 843 (7.151 min): BF143879.D\data.ms (-83



m/z--> Abundance Scan 843 (7.151 min): BF144032.D\data.ms



m/z--> Abundance Scan 843 (7.151 min): BF144032.D\data.ms (-79



m/z--> Abundance

#15

Benzyl Alcohol

Concen: 38.164 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 242449

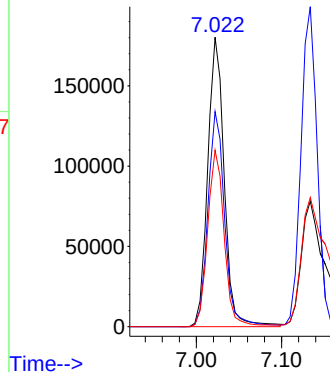
Ion Ratio Lower Upper

79 100

108 74.3 60.8 91.2

77 61.0 51.0 76.6

Abundance



Time-->

#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.888 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 45 Resp: 693138

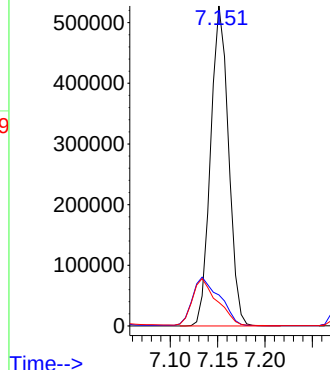
Ion Ratio Lower Upper

45 100

77 9.7 0.0 29.0

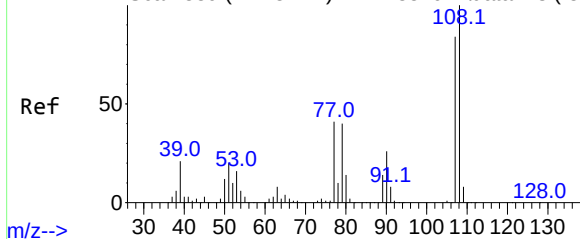
79 7.3 0.0 26.8

Abundance



Time-->

Abundance Scan 839 (7.128 min): BF143879.D\data.ms (-83



#17

2-Methylphenol

Concen: 38.143 ng

RT: 7.134 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

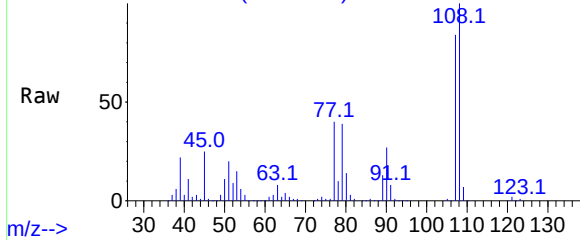
BNA_F

ClientSampleId :

SSTDCCC040

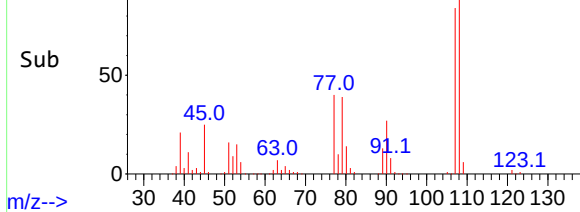
m/z-->

Abundance Scan 840 (7.134 min): BF144032.D\data.ms



m/z-->

Abundance Scan 840 (7.134 min): BF144032.D\data.ms (-78



m/z-->

Tgt Ion:107 Resp: 219189

Ion Ratio Lower Upper

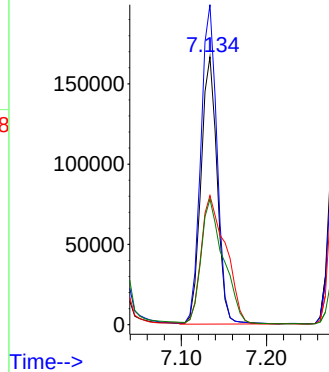
107 100

108 119.5 94.7 142.1

77 48.2 38.8 58.2

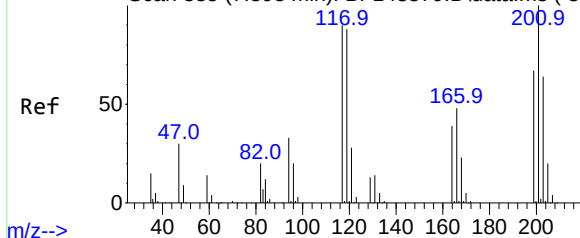
79 46.9 38.3 57.5

Abundance



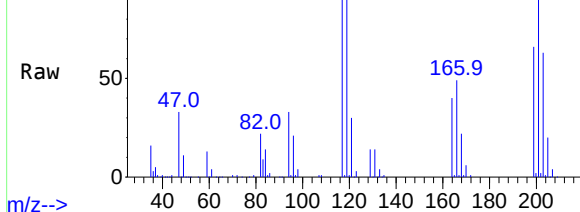
Time-->

Abundance Scan 885 (7.398 min): BF143879.D\data.ms (-87



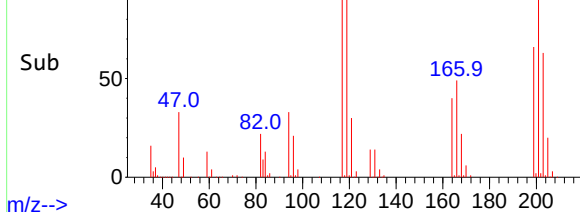
m/z-->

Abundance Scan 884 (7.392 min): BF144032.D\data.ms



m/z-->

Abundance Scan 884 (7.392 min): BF144032.D\data.ms (-83



m/z-->

#18

Hexachloroethane

Concen: 38.681 ng

RT: 7.392 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:117 Resp: 105913

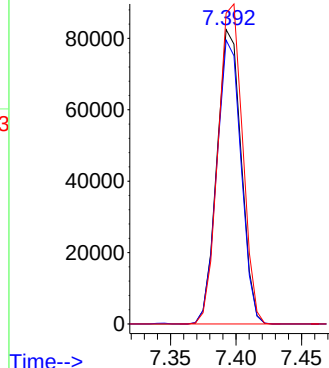
Ion Ratio Lower Upper

117 100

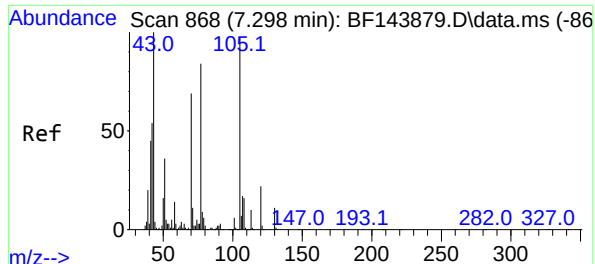
119 96.4 77.8 116.8

201 105.5 88.5 132.7

Abundance



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 36.214 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 210181

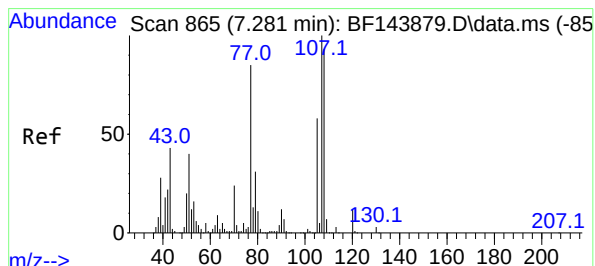
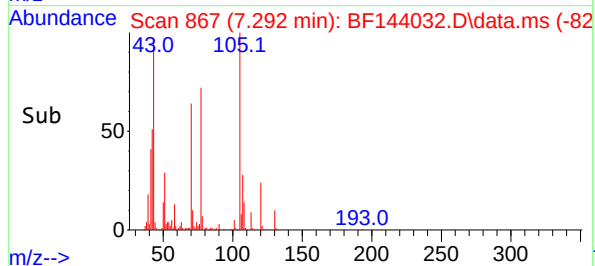
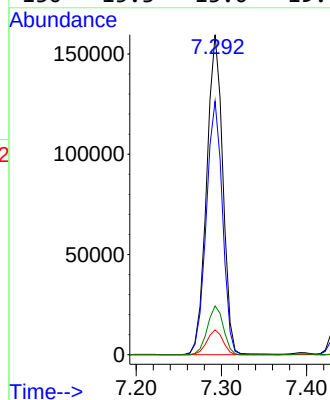
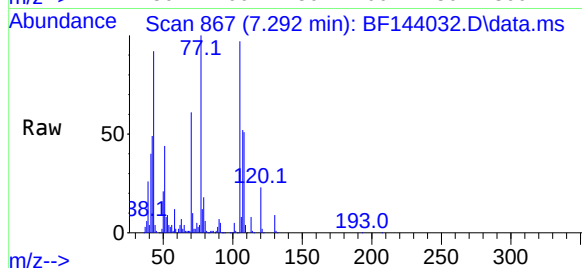
Ion Ratio Lower Upper

70 100

42 79.2 62.8 94.2

101 7.7 6.7 10.1

130 15.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 38.820 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:107 Resp: 258547

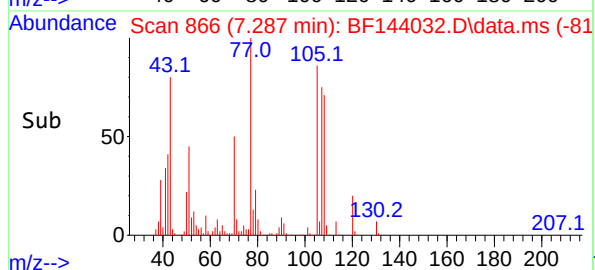
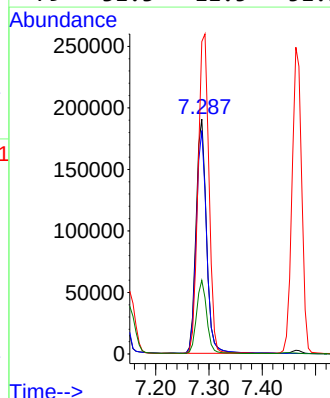
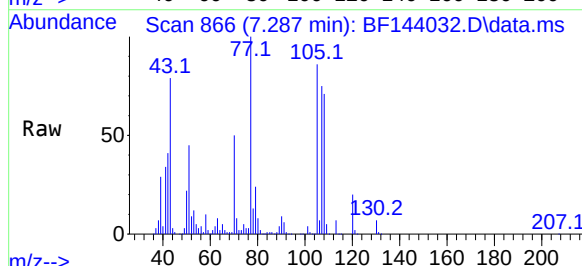
Ion Ratio Lower Upper

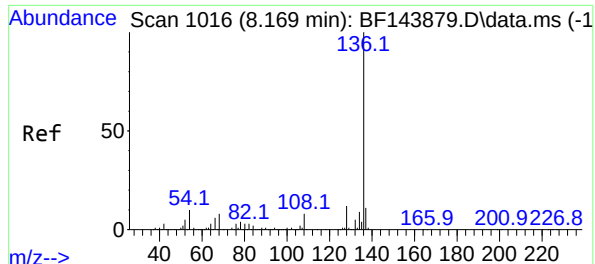
107 100

108 95.1 73.0 113.0

77 133.0 64.6 104.6#

79 31.3 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: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 428129

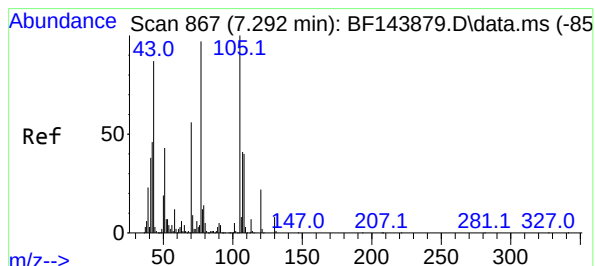
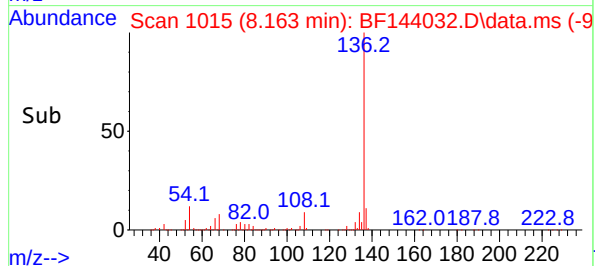
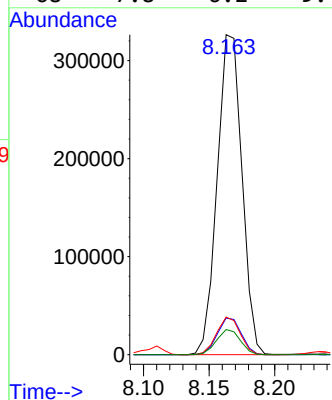
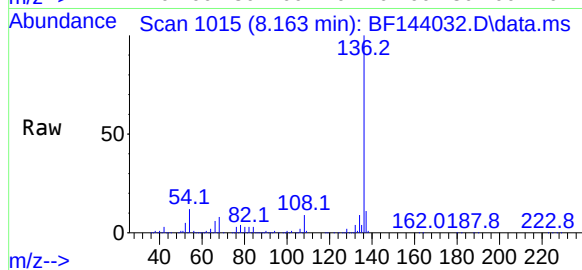
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 11.7 8.2 12.4

68 7.8 6.2 9.4



#22

Acetophenone

Concen: 36.806 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:105 Resp: 333187

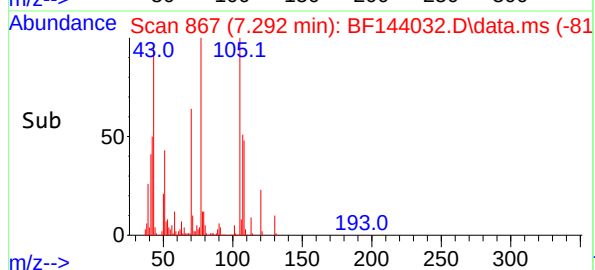
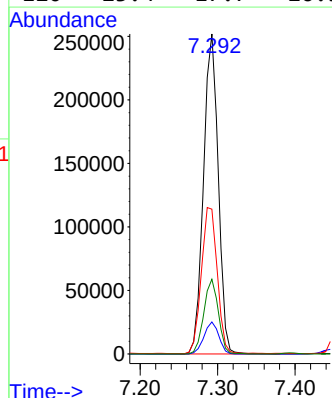
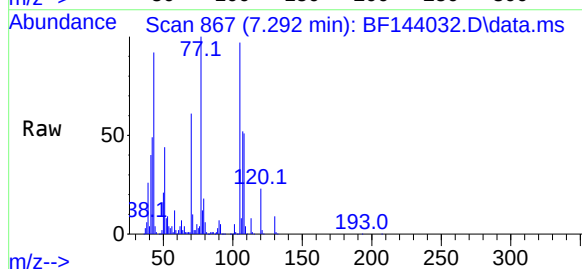
Ion Ratio Lower Upper

105 100

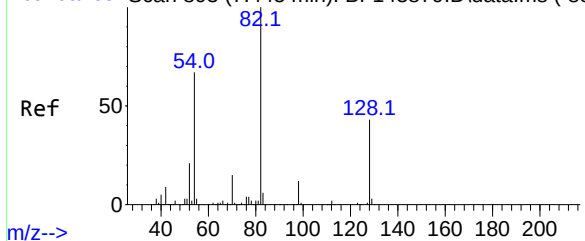
71 10.0 7.4 11.0

51 45.3 34.2 51.4

120 23.4 17.7 26.5



Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 80.513 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

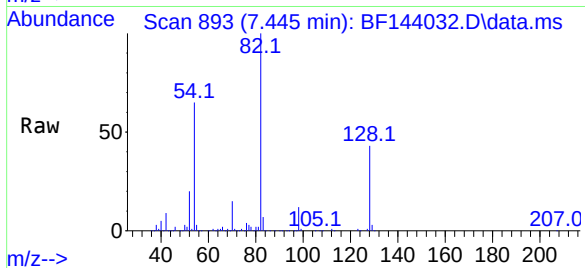
BNA_F

ClientSampleId :

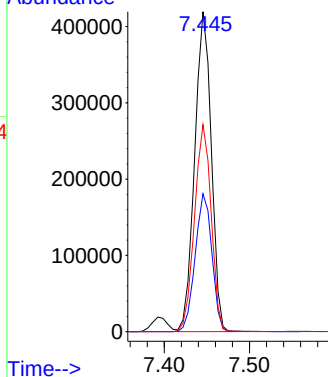
SSTDCCC040

Tgt Ion: 82 Resp: 567360

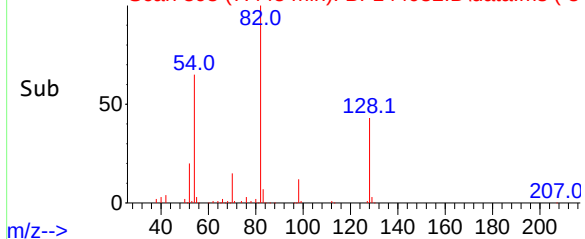
Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	64.7	53.2	79.8



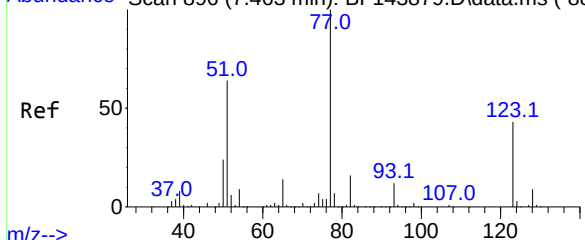
Abundance



Abundance Scan 893 (7.445 min): BF144032.D\data.ms (-84



Abundance Scan 896 (7.463 min): BF143879.D\data.ms (-88



#24

Nitrobenzene

Concen: 40.091 ng

RT: 7.463 min Scan# 896

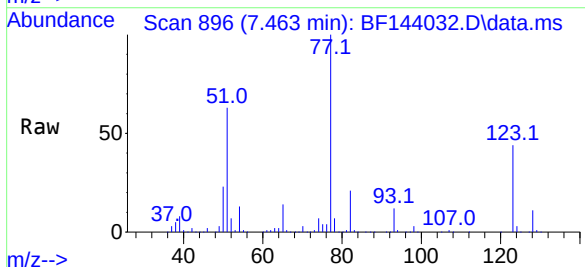
Delta R.T. -0.012 min

Lab File: BF144032.D

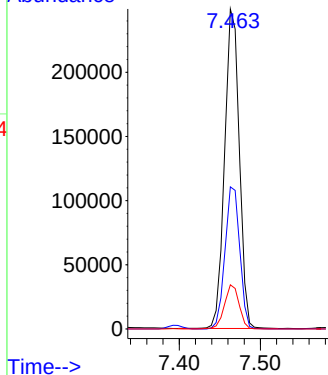
Acq: 22 Oct 2025 10:25

Tgt Ion: 77 Resp: 313733

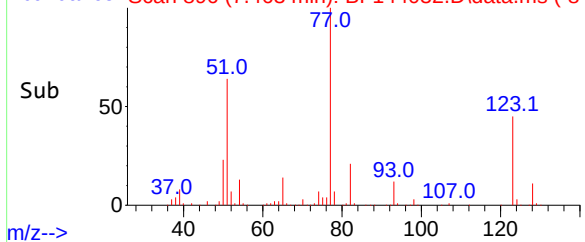
Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.2	51.4
65	13.8	11.0	16.6

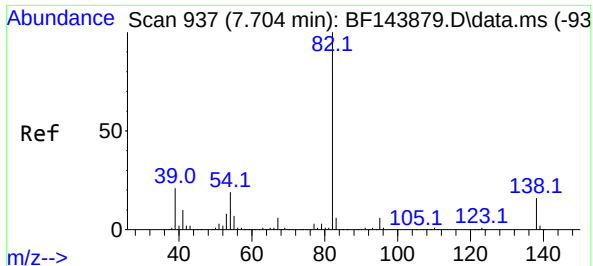


Abundance



Abundance Scan 896 (7.463 min): BF144032.D\data.ms (-84

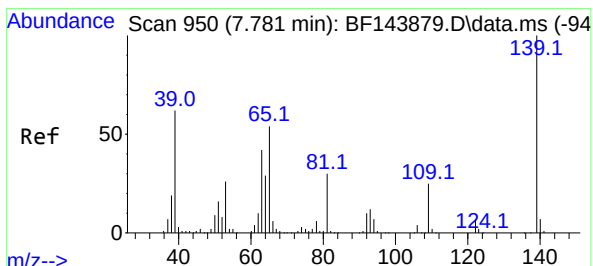
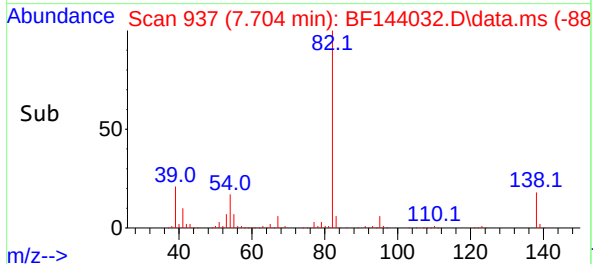
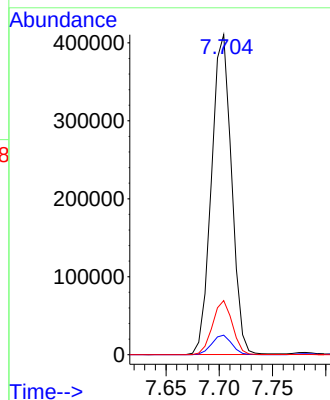
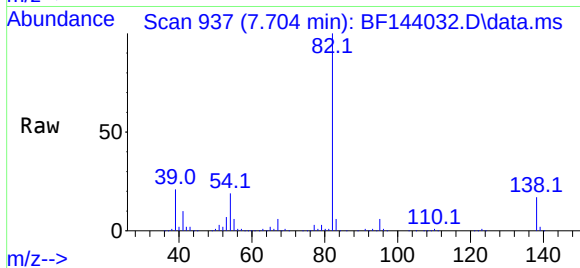




#25
Isophorone
Concen: 36.283 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

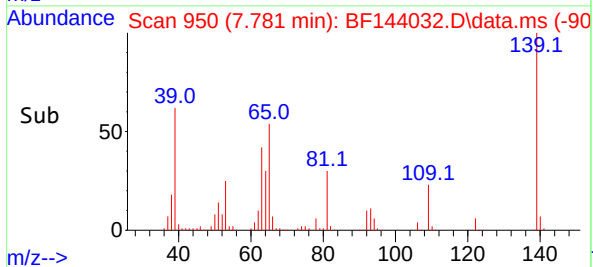
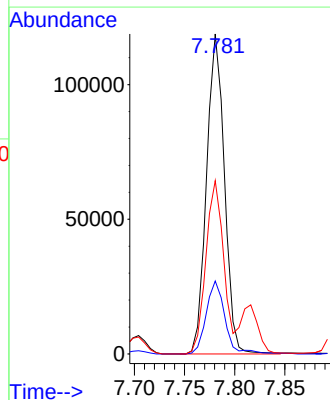
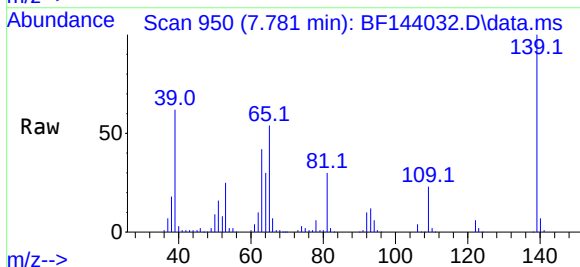
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 539108
Ion Ratio Lower Upper
82 100
95 6.1 5.1 7.7
138 16.9 12.9 19.3

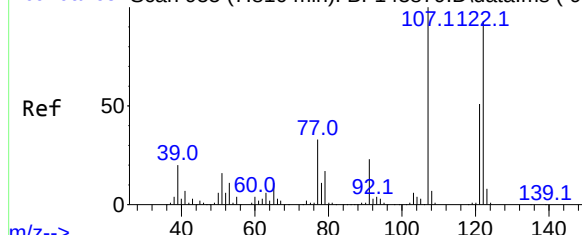


#26
2-Nitrophenol
Concen: 44.102 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:139 Resp: 147965
Ion Ratio Lower Upper
139 100
109 22.8 19.8 29.6
65 54.1 42.9 64.3

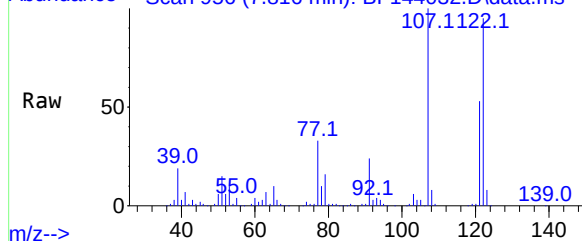


Abundance Scan 955 (7.810 min): BF143879.D\data.ms (-94



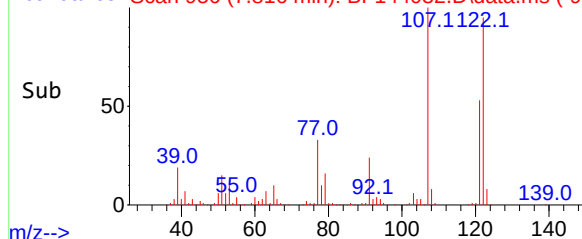
m/z-->

Abundance Scan 956 (7.816 min): BF144032.D\data.ms



m/z-->

Abundance Scan 956 (7.816 min): BF144032.D\data.ms (-90



m/z-->

#27

2,4-Dimethylphenol

Concen: 38.775 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:122 Resp: 234021

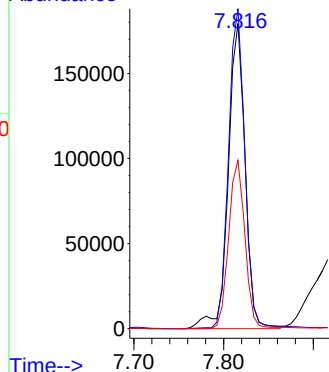
Ion Ratio Lower Upper

122 100

107 104.9 86.1 129.1

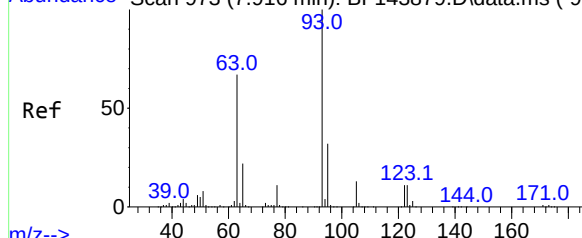
121 55.1 43.8 65.6

Abundance



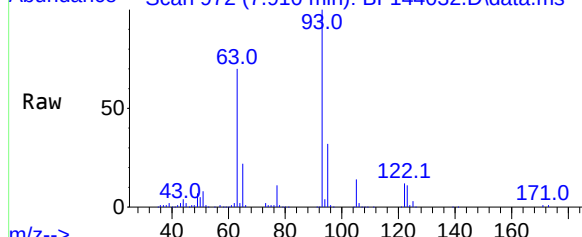
Time-->

Abundance Scan 973 (7.916 min): BF143879.D\data.ms (-96



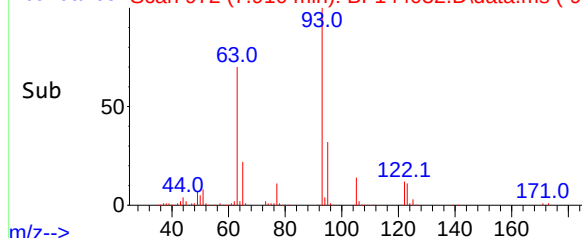
m/z-->

Abundance Scan 972 (7.910 min): BF144032.D\data.ms



m/z-->

Abundance Scan 972 (7.910 min): BF144032.D\data.ms (-92



m/z-->

#28

bis(2-Chloroethoxy)methane

Concen: 38.064 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion: 93 Resp: 357265

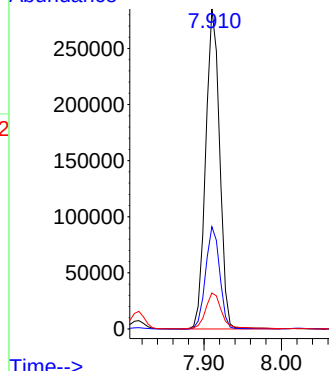
Ion Ratio Lower Upper

93 100

95 32.0 25.9 38.9

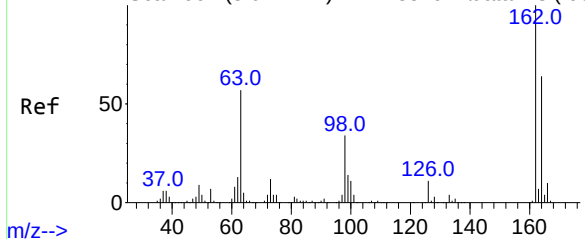
123 11.2 9.4 14.0

Abundance



Time-->

Abundance Scan 991 (8.022 min): BF143879.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 38.622 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

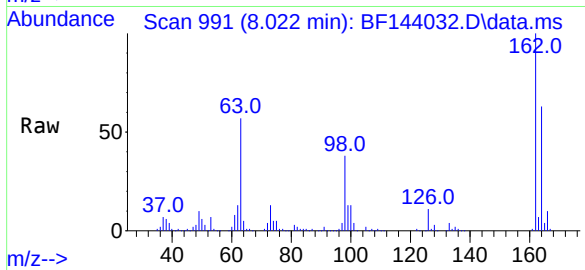
Tgt Ion:162 Resp: 242803

Ion Ratio Lower Upper

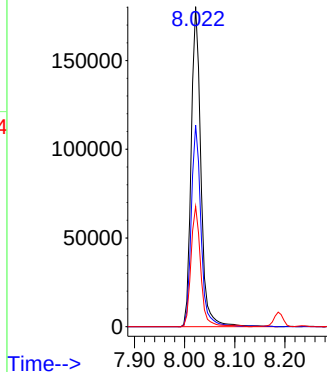
162 100

164 63.0 43.9 83.9

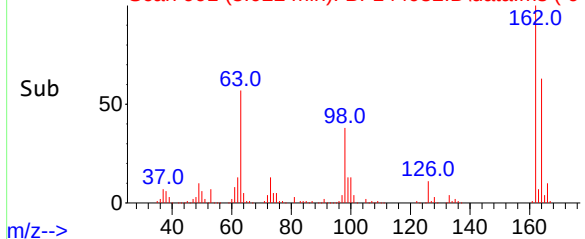
98 37.6 14.4 54.4



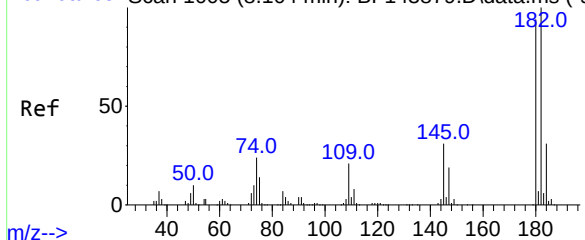
Abundance



Abundance Scan 991 (8.022 min): BF144032.D\data.ms (-94



Abundance Scan 1005 (8.104 min): BF143879.D\data.ms (-9



#30

1,2,4-Trichlorobenzene

Concen: 38.111 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

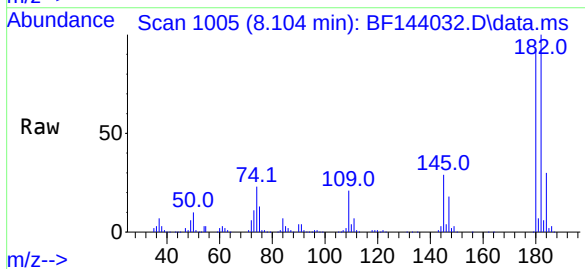
Tgt Ion:180 Resp: 235631

Ion Ratio Lower Upper

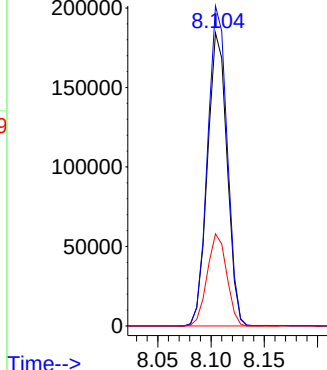
180 100

182 109.2 85.4 128.0

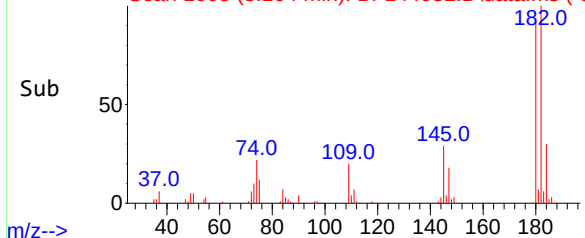
145 31.4 26.3 39.5

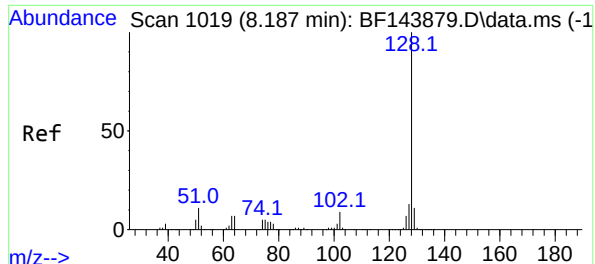


Abundance



Abundance Scan 1005 (8.104 min): BF144032.D\data.ms (-9





#31

Naphthalene

Concen: 38.125 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

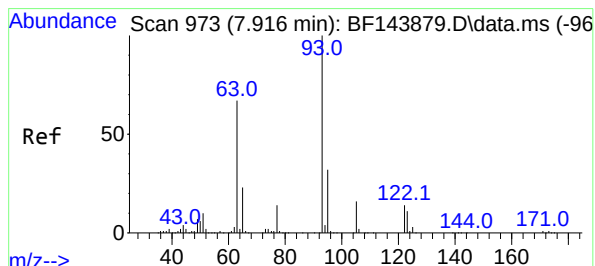
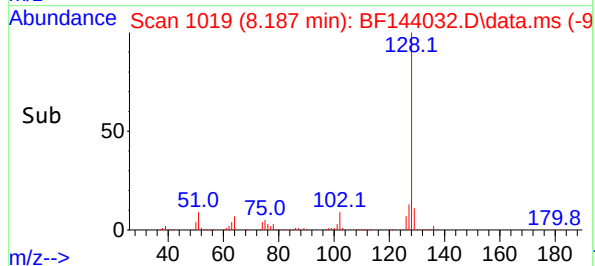
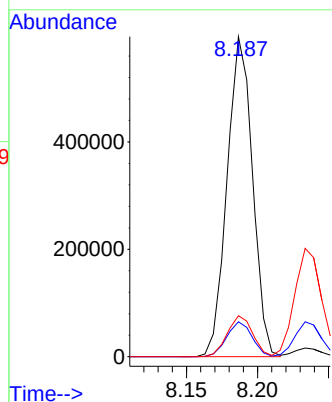
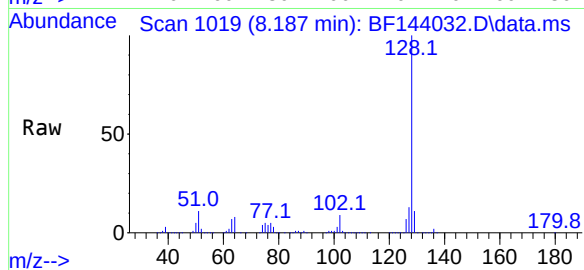
Tgt Ion:128 Resp: 742491

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.8 10.0 15.0



#32

Benzoic acid

Concen: 33.454 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

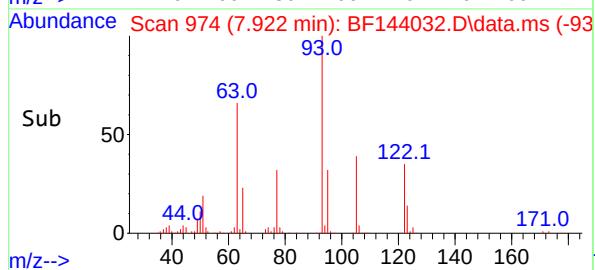
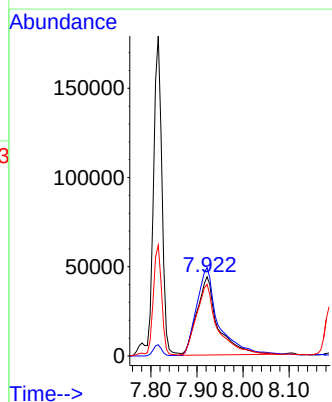
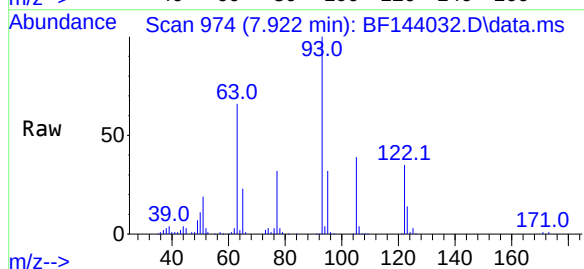
Tgt Ion:122 Resp: 139736

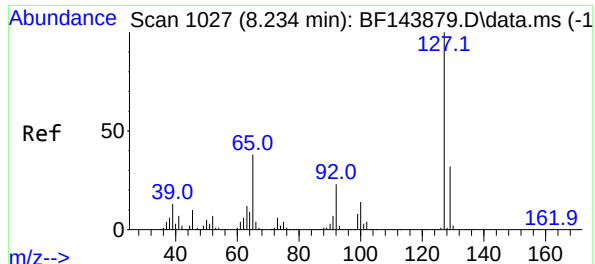
Ion Ratio Lower Upper

122 100

105 111.6 93.5 133.5

77 90.3 76.3 116.3





#33

4-Chloroaniline

Concen: 37.121 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 271142

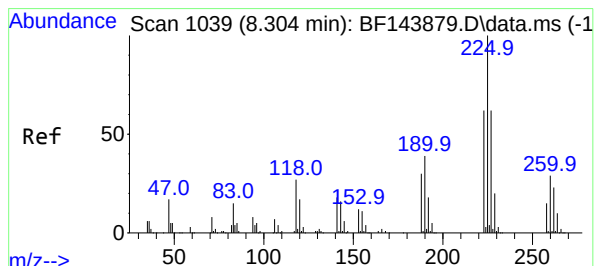
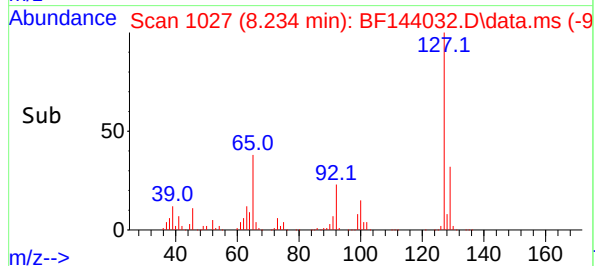
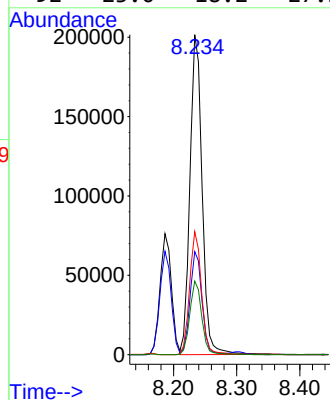
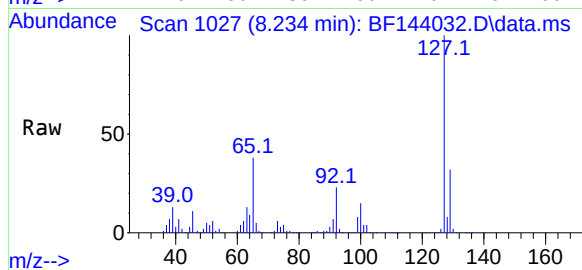
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.8

65 38.5 30.0 45.0

92 23.0 18.2 27.2



#34

Hexachlorobutadiene

Concen: 36.820 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

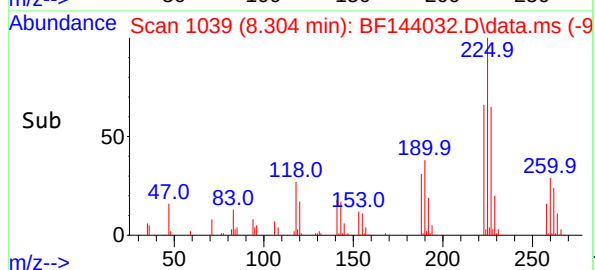
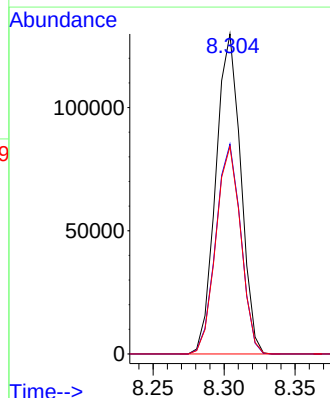
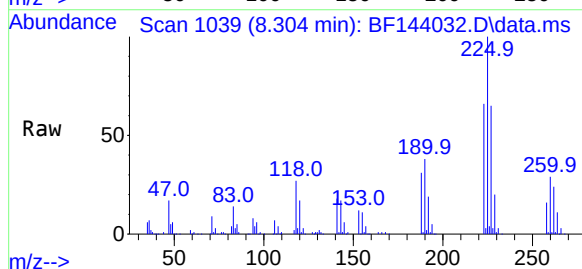
Tgt Ion:225 Resp: 158191

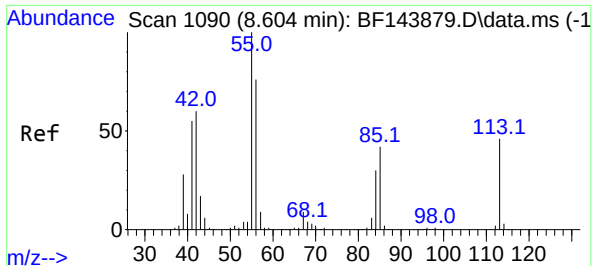
Ion Ratio Lower Upper

225 100

223 65.5 49.4 74.2

227 64.9 49.7 74.5

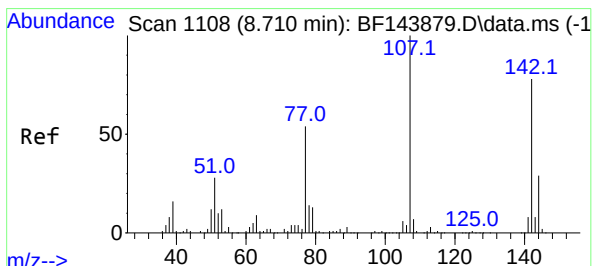
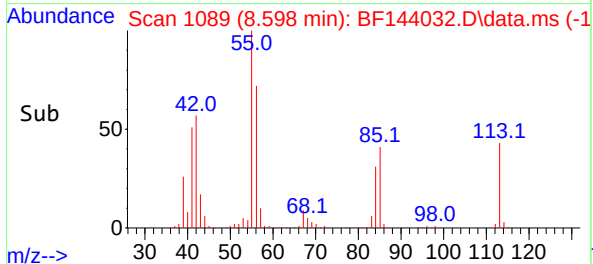
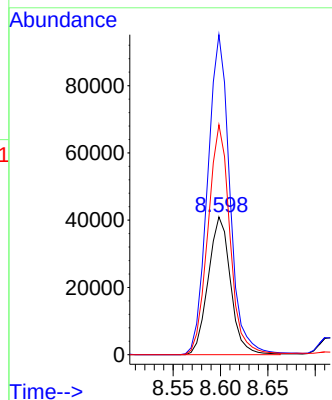
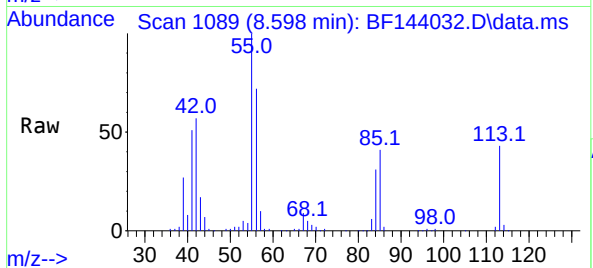




#35
Caprolactam
Concen: 33.592 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.047 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

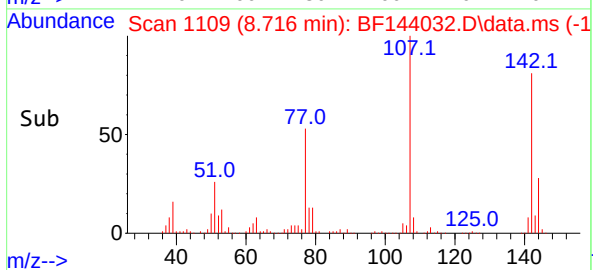
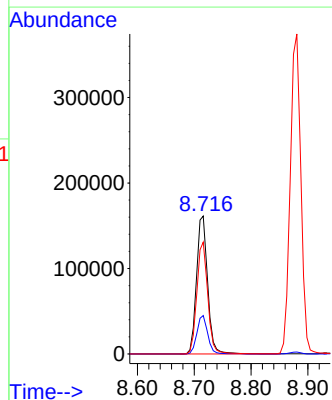
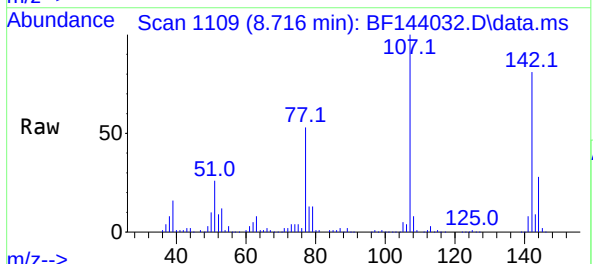
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

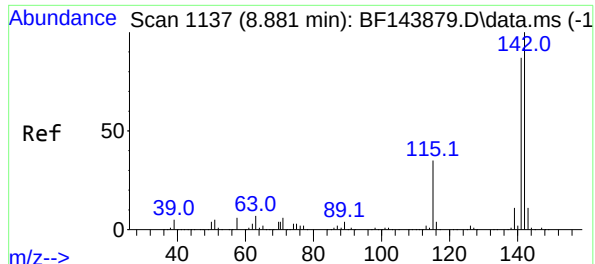
Tgt Ion:113 Resp: 67146
Ion Ratio Lower Upper
113 100
55 232.4 199.6 239.6
56 166.9 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 36.599 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:107 Resp: 221009
Ion Ratio Lower Upper
107 100
144 27.8 23.1 34.7
142 81.1 62.6 94.0





#37

2-Methylnaphthalene

Concen: 37.215 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

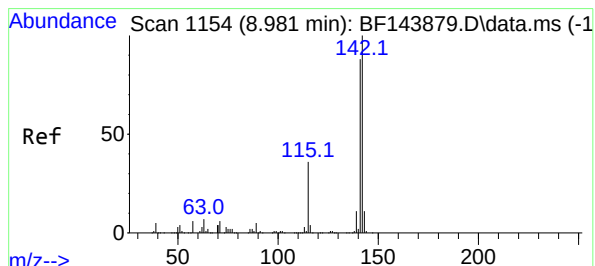
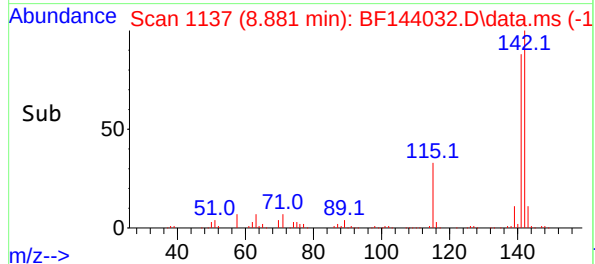
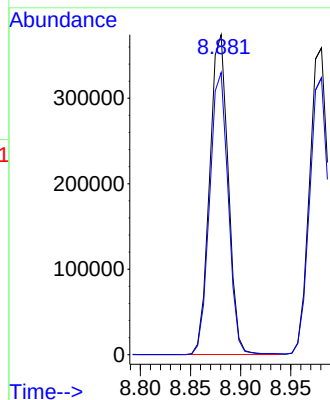
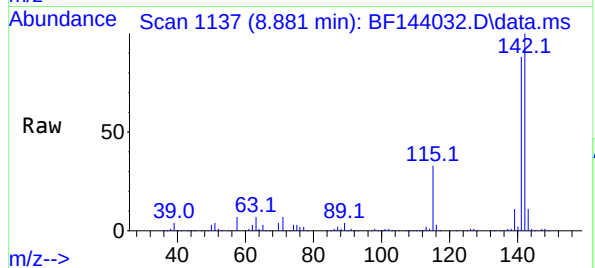
SSTDCCC040

Tgt Ion:142 Resp: 482790

Ion Ratio Lower Upper

142 100

141 88.1 69.2 103.8



#38

1-Methylnaphthalene

Concen: 36.835 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF144032.D

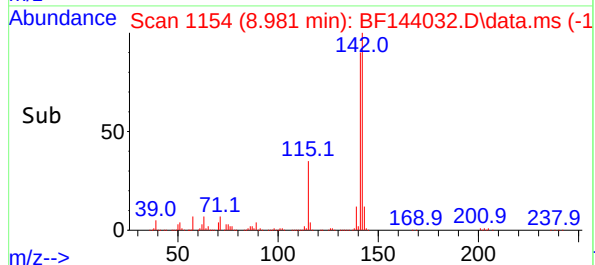
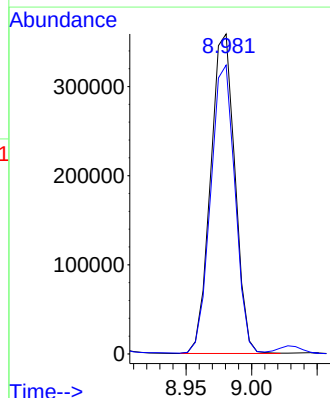
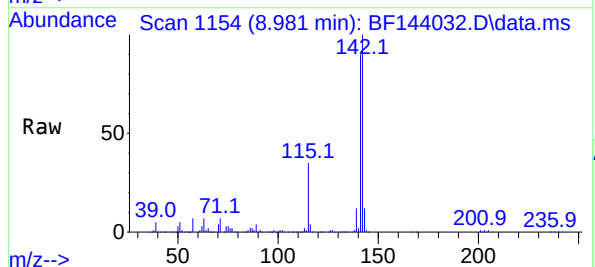
Acq: 22 Oct 2025 10:25

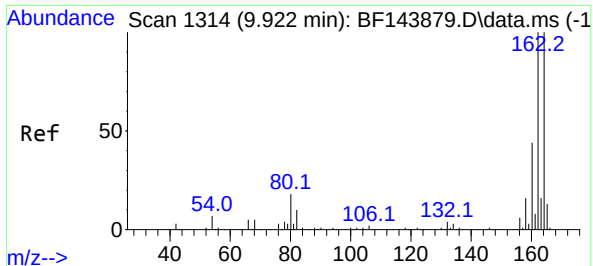
Tgt Ion:142 Resp: 463512

Ion Ratio Lower Upper

142 100

141 90.2 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 111

Delta R.T. -0.005 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

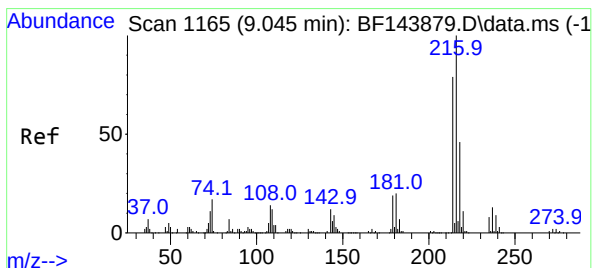
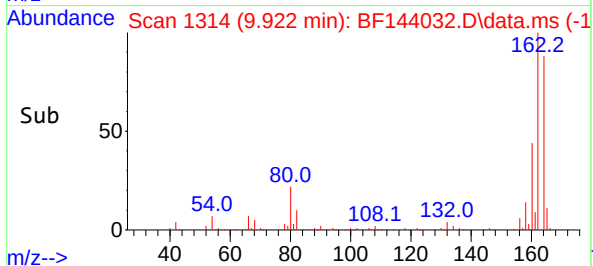
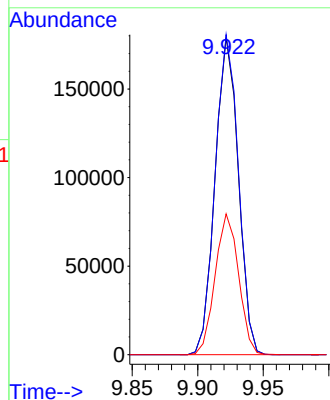
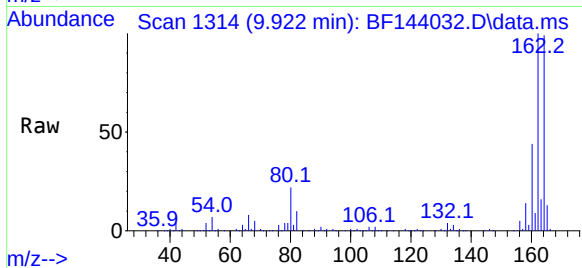
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:164 Resp: 220935

Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	44.4	35.4	53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.935 ng

RT: 9.045 min Scan# 1165

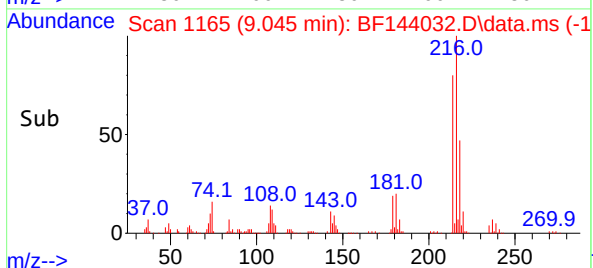
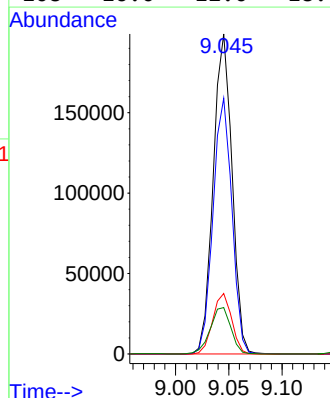
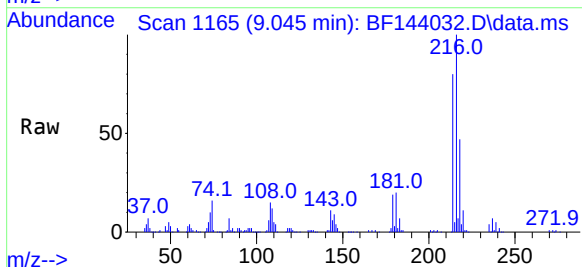
Delta R.T. -0.006 min

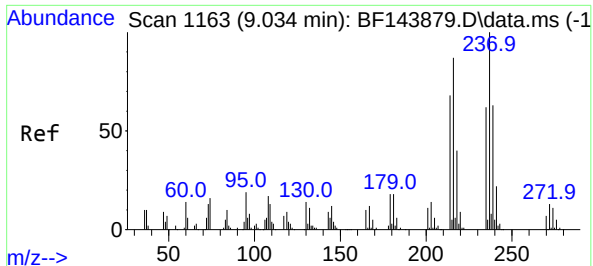
Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:216 Resp: 243860

Ion	Ratio	Lower	Upper
216	100		
214	80.1	62.6	94.0
179	19.1	15.4	23.0
108	16.0	12.0	18.0





#41

Hexachlorocyclopentadiene

Concen: 34.519 ng

RT: 9.034 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

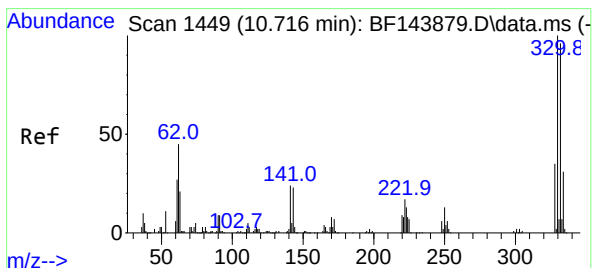
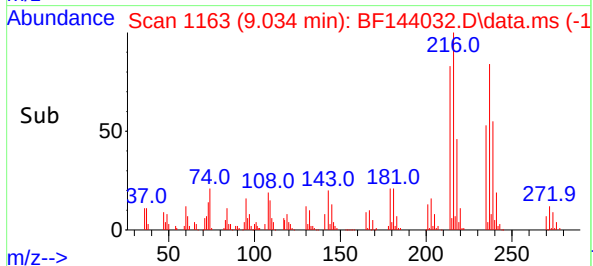
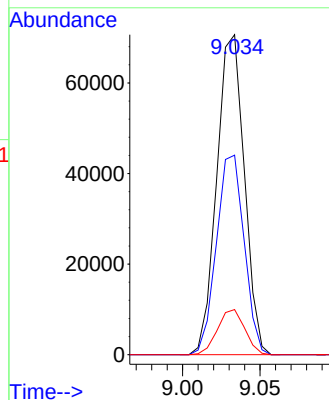
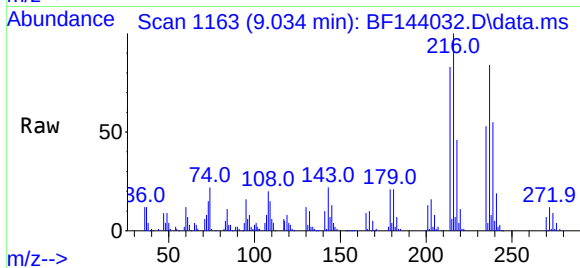
Tgt Ion:237 Resp: 87446

Ion Ratio Lower Upper

237 100

235 62.3 42.3 82.3

272 14.1 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 68.447 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

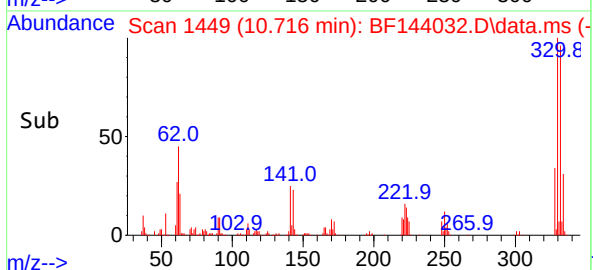
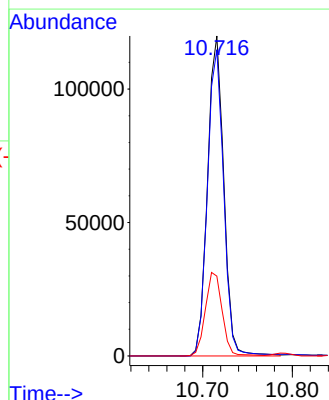
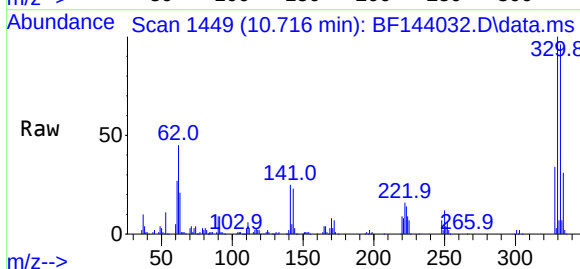
Tgt Ion:330 Resp: 150622

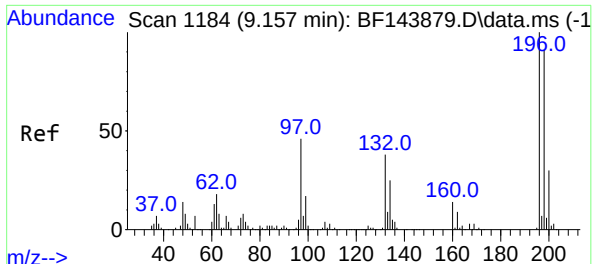
Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

141 27.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 38.088 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

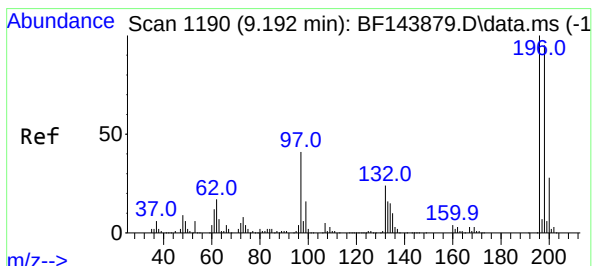
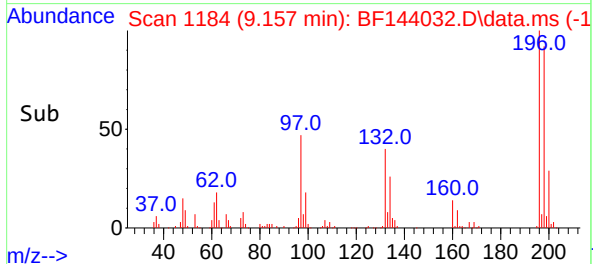
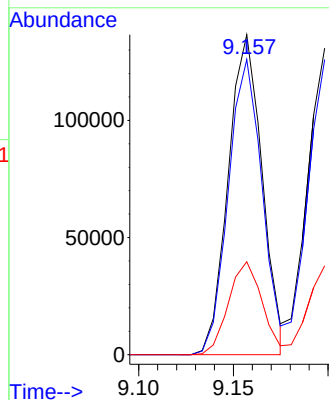
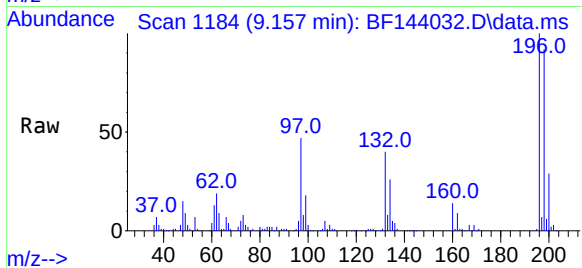
Tgt Ion:196 Resp: 169935

Ion Ratio Lower Upper

196 100

198 92.3 72.8 109.2

200 29.0 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 38.983 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:196 Resp: 183803

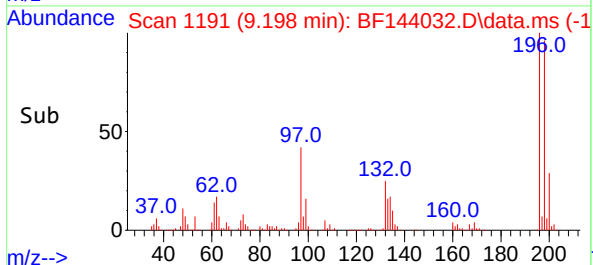
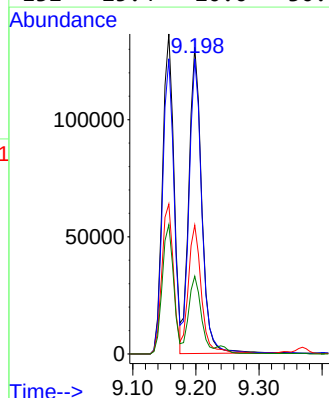
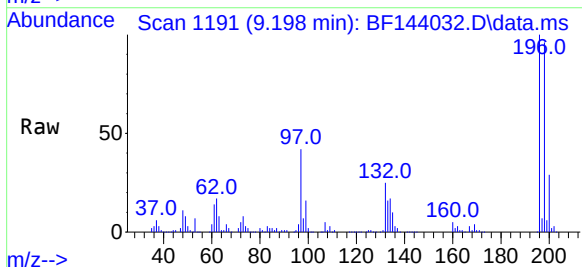
Ion Ratio Lower Upper

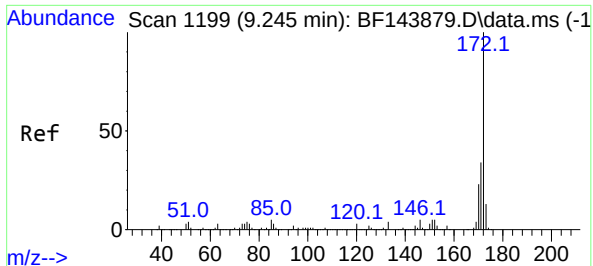
196 100

198 96.3 75.5 113.3

97 42.0 33.9 50.9

132 25.4 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 74.454 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

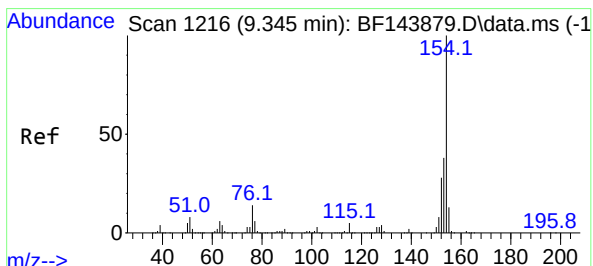
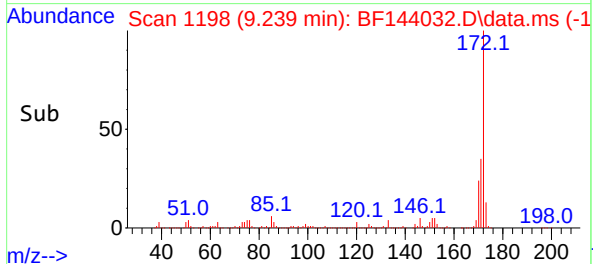
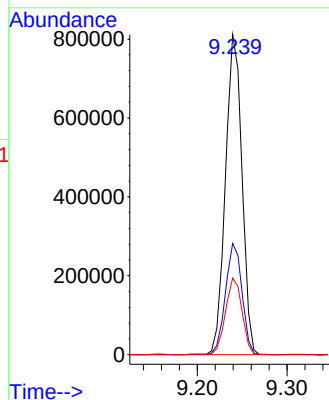
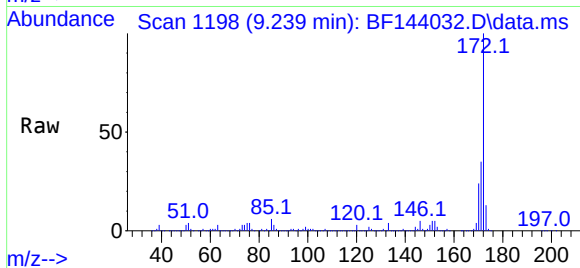
Tgt Ion:172 Resp: 1036678

Ion Ratio Lower Upper

172 100

171 34.8 27.4 41.0

170 23.9 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.813 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

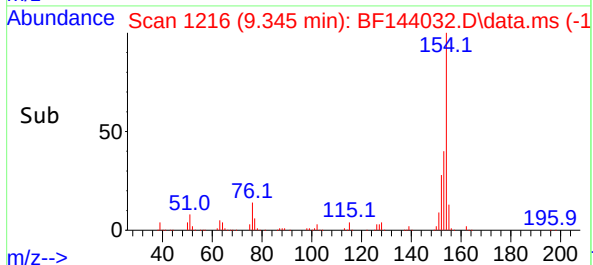
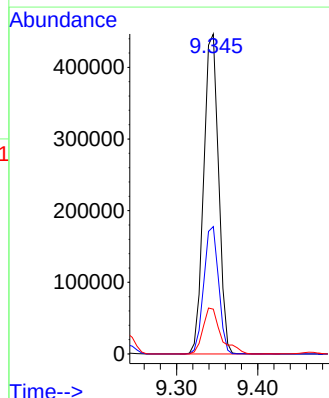
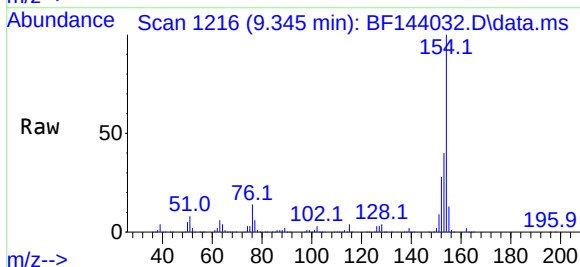
Tgt Ion:154 Resp: 567757

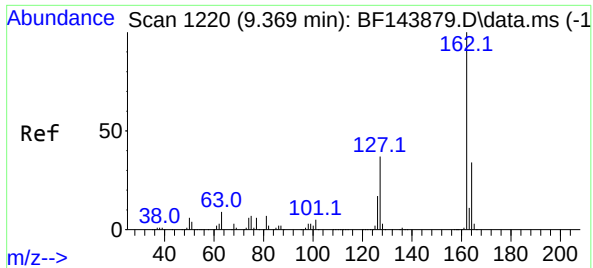
Ion Ratio Lower Upper

154 100

153 39.8 18.4 58.4

76 14.0 0.0 34.0

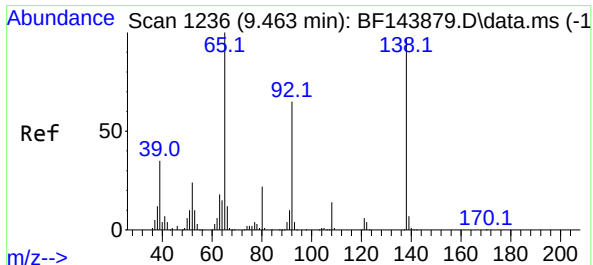
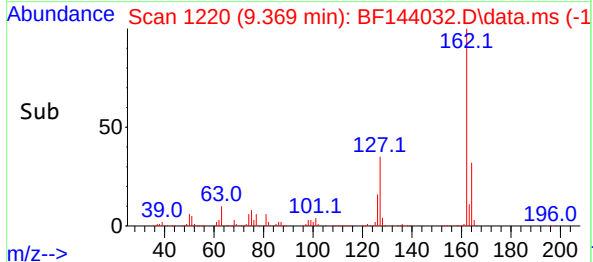
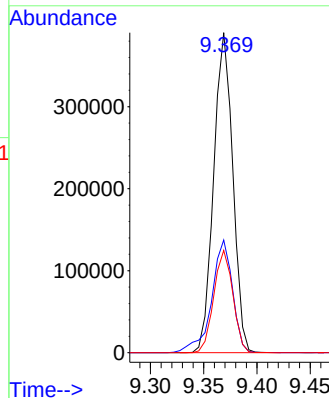
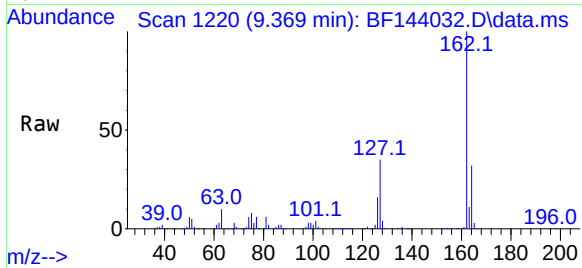




#47
2-Chloronaphthalene
Concen: 39.918 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

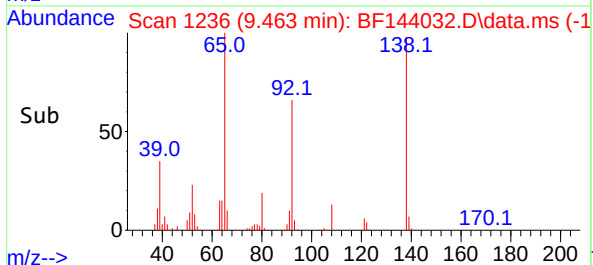
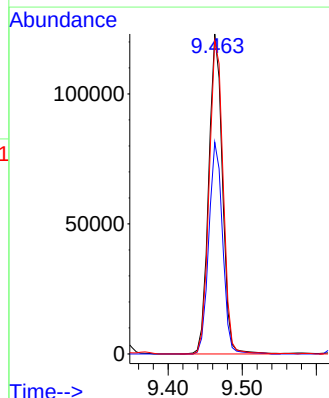
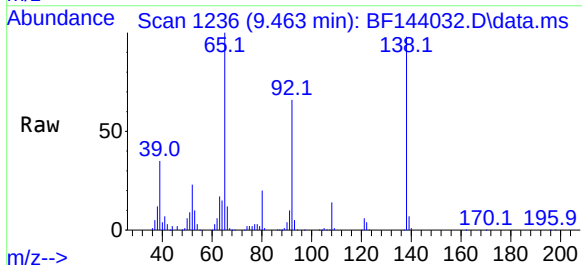
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

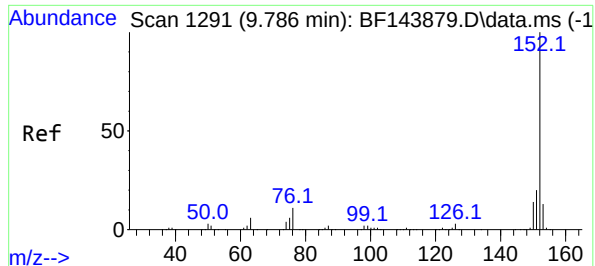
Tgt Ion:162 Resp: 486843
Ion Ratio Lower Upper
162 100
127 35.2 30.2 45.2
164 31.9 26.9 40.3



#48
2-Nitroaniline
Concen: 41.110 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion: 65 Resp: 158514
Ion Ratio Lower Upper
65 100
92 66.1 52.1 78.1
138 97.9 77.4 116.2





#49

Acenaphthylene

Concen: 38.355 ng

RT: 9.781 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

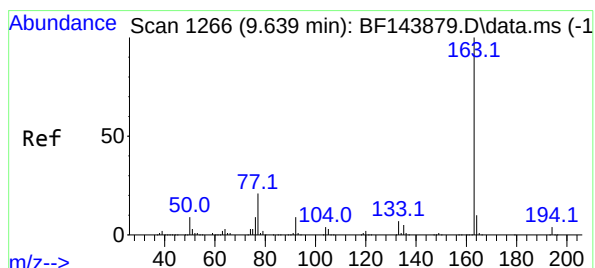
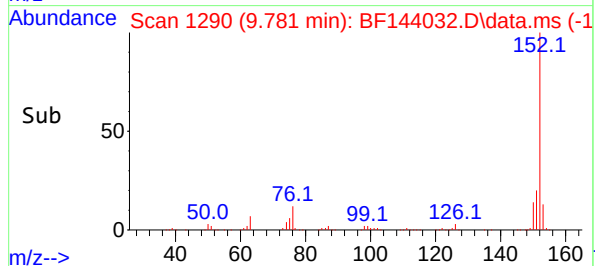
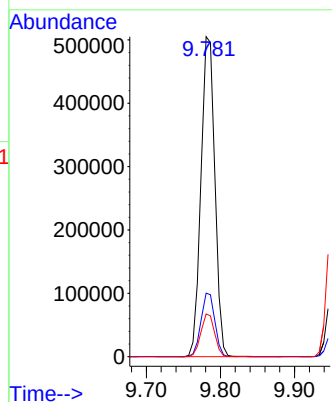
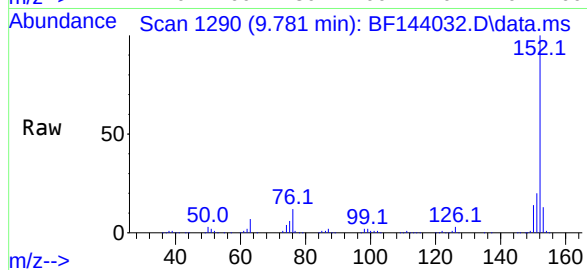
Tgt Ion:152 Resp: 657637

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 36.978 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

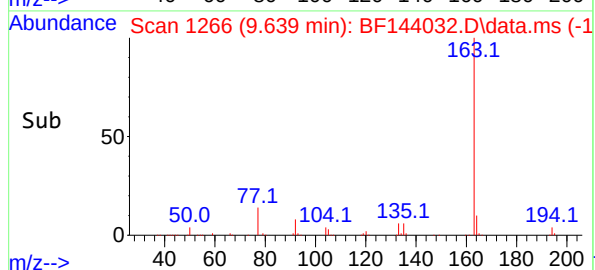
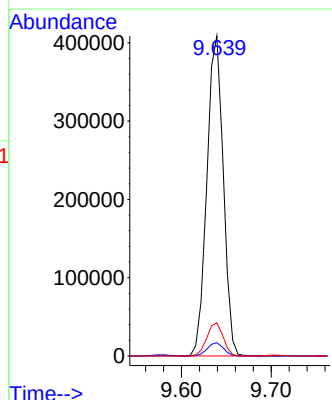
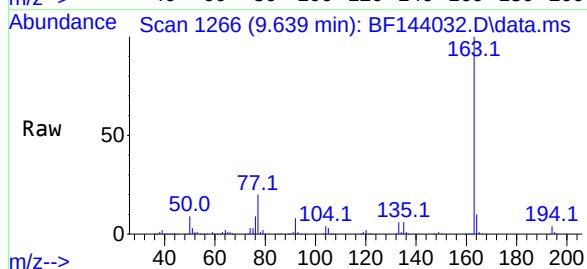
Tgt Ion:163 Resp: 518815

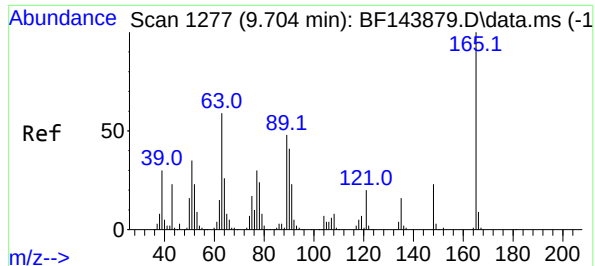
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.669 ng

RT: 9.704 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

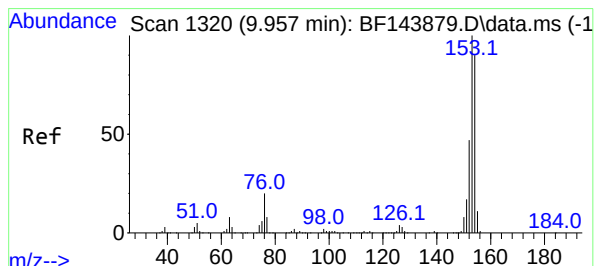
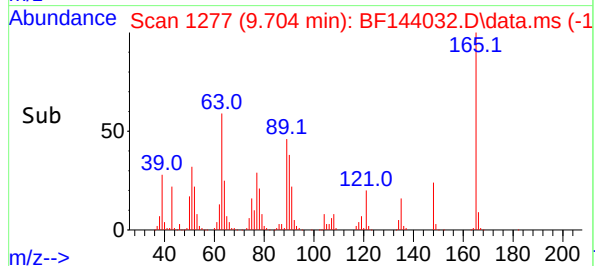
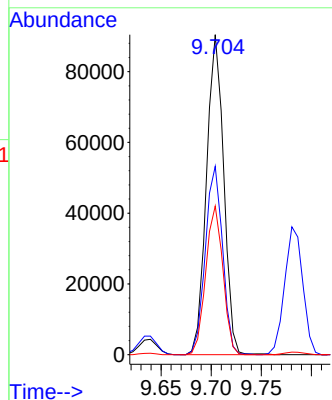
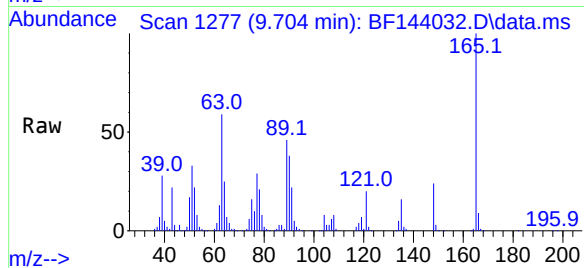
Tgt Ion:165 Resp: 108407

Ion Ratio Lower Upper

165 100

63 58.9 47.3 70.9

89 46.4 38.2 57.4



#52

Acenaphthene

Concen: 38.850 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

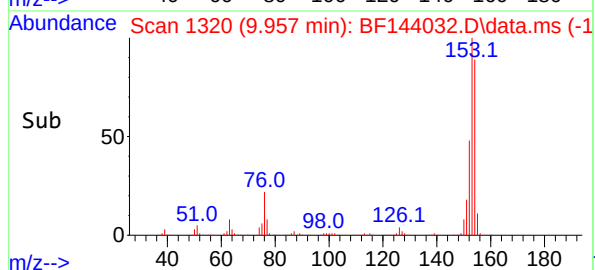
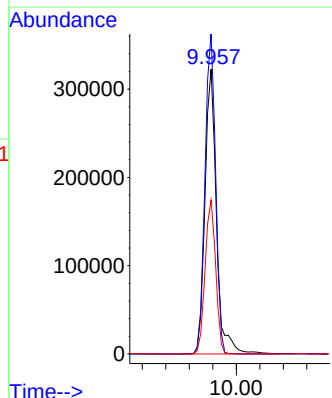
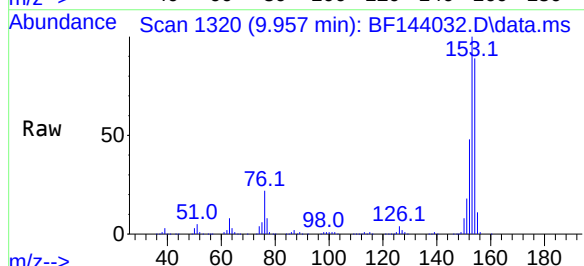
Tgt Ion:154 Resp: 436481

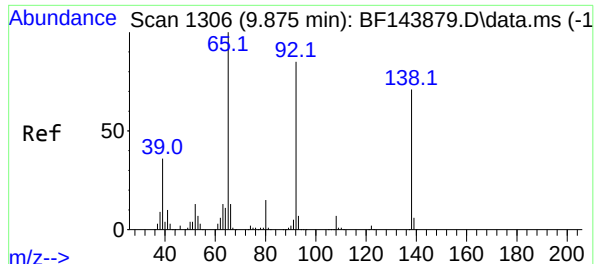
Ion Ratio Lower Upper

154 100

153 112.4 89.3 133.9

152 54.1 42.2 63.2





#53

3-Nitroaniline

Concen: 39.926 ng

RT: 9.875 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

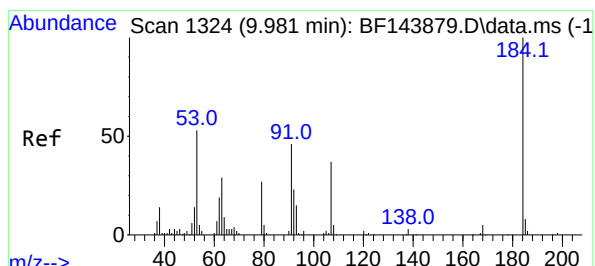
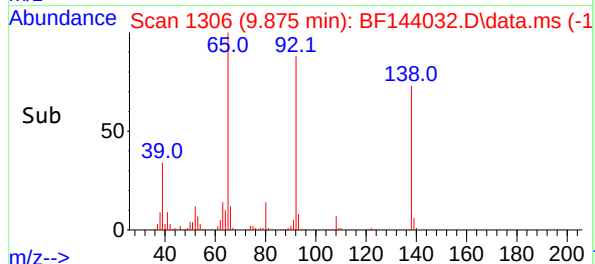
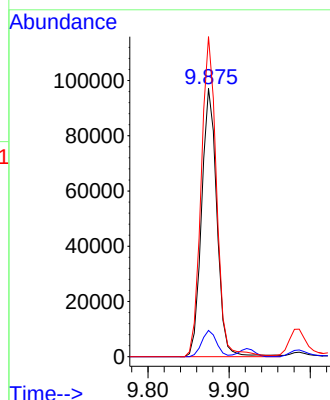
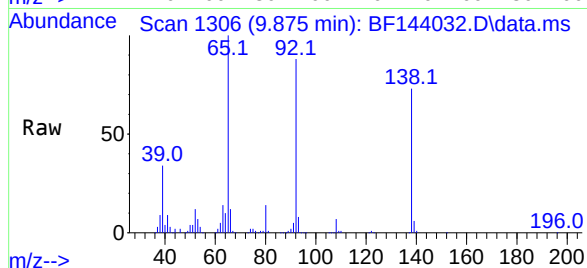
Tgt Ion:138 Resp: 127187

Ion Ratio Lower Upper

138 100

108 9.8 8.3 12.5

92 119.4 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 44.671 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

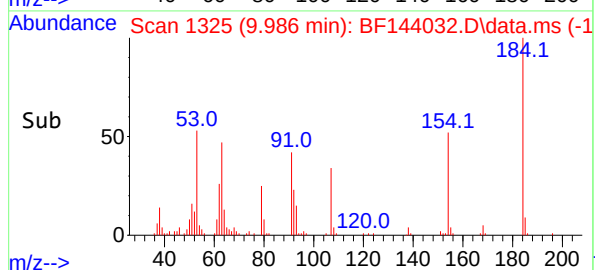
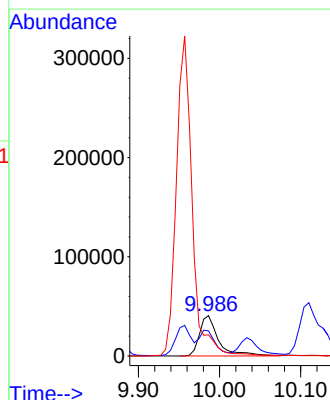
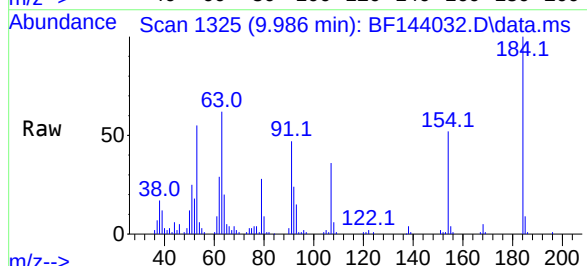
Tgt Ion:184 Resp: 66301

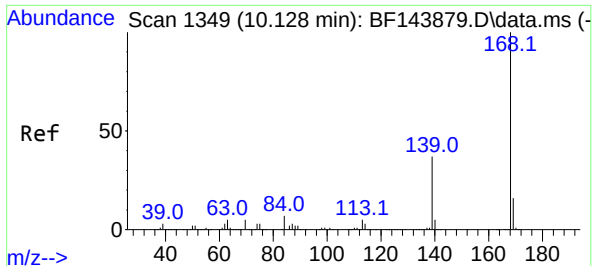
Ion Ratio Lower Upper

184 100

63 62.2 48.2 72.4

154 52.3 49.2 73.8





#55

Dibenzofuran

Concen: 38.039 ng

RT: 10.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

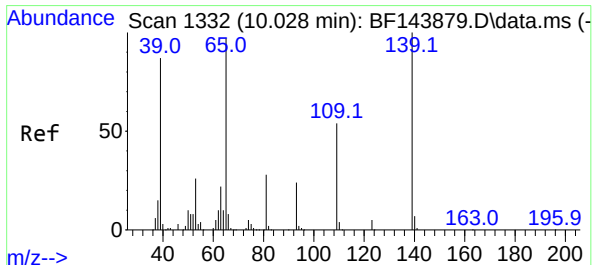
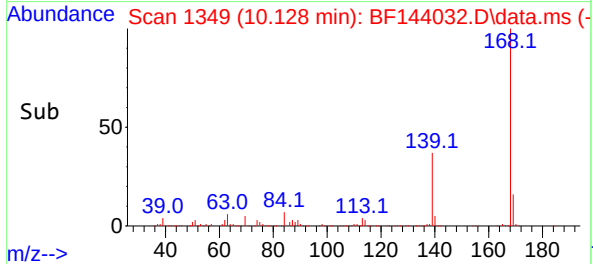
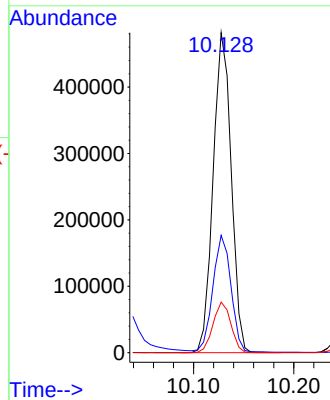
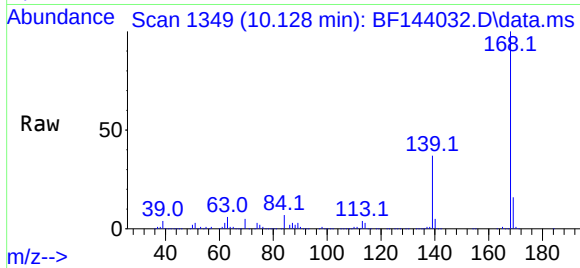
Tgt Ion:168 Resp: 603282

Ion Ratio Lower Upper

168 100

139 36.7 29.8 44.8

169 15.8 12.8 19.2



#56

4-Nitrophenol

Concen: 40.532 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

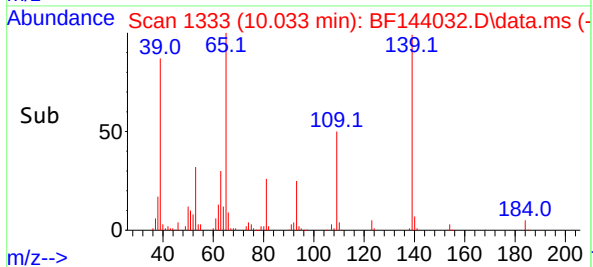
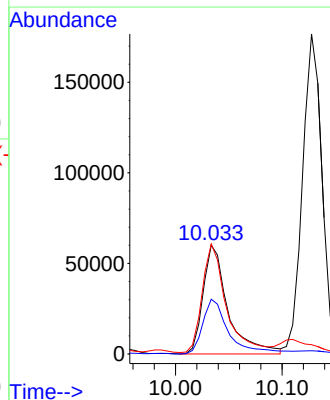
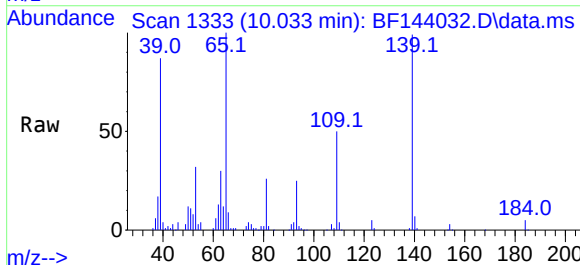
Tgt Ion:139 Resp: 97764

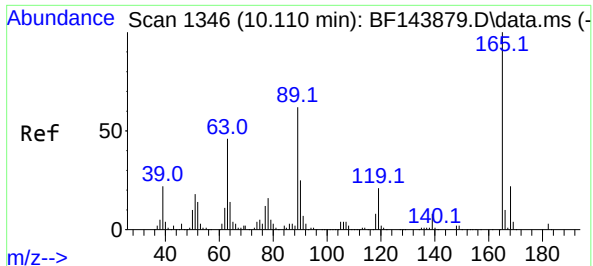
Ion Ratio Lower Upper

139 100

109 50.3 34.5 74.5

65 101.2 77.6 117.6

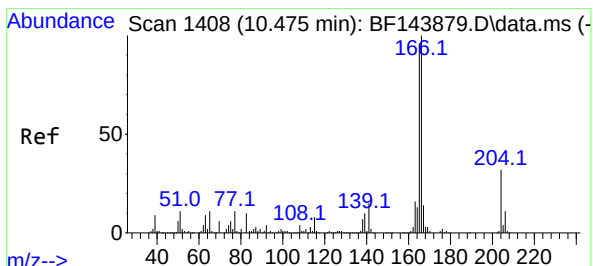
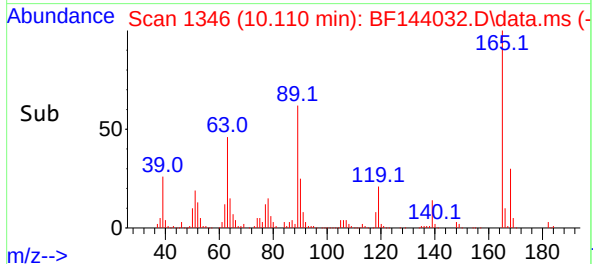
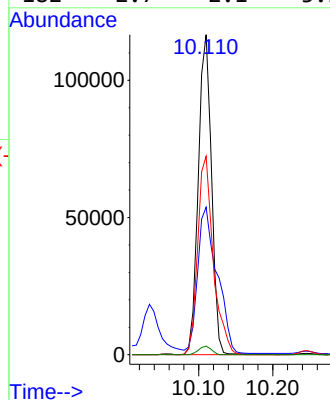
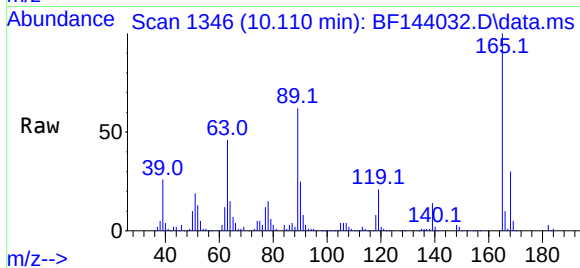




#57
2,4-Dinitrotoluene
Concen: 40.776 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

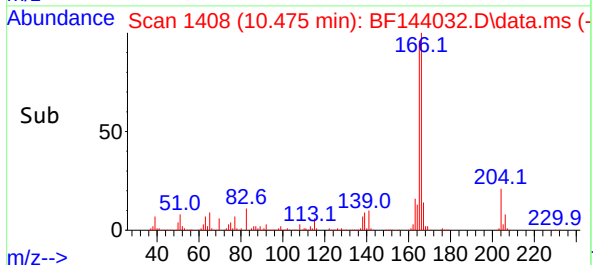
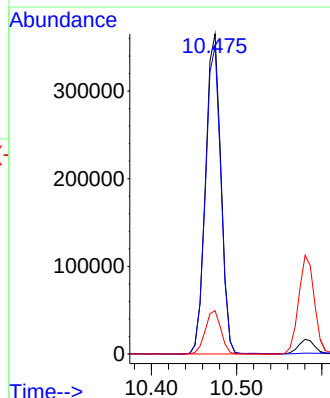
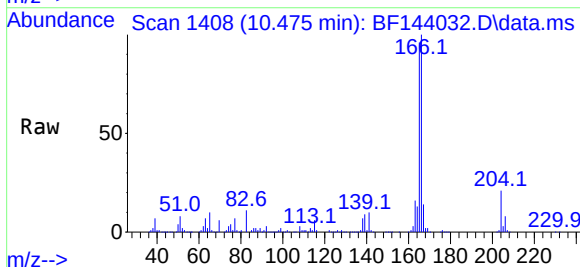
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

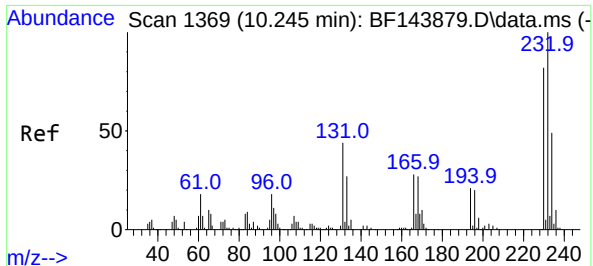
Tgt Ion:165 Resp: 144342
Ion Ratio Lower Upper
165 100
63 46.1 37.2 55.8
89 62.0 49.4 74.2
182 2.7 2.1 3.1



#58
Fluorene
Concen: 38.186 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:166 Resp: 456971
Ion Ratio Lower Upper
166 100
165 96.2 77.0 115.6
167 13.5 11.1 16.7

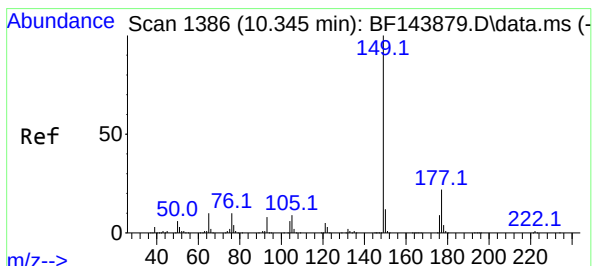
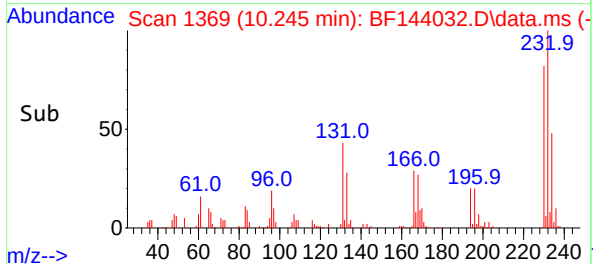
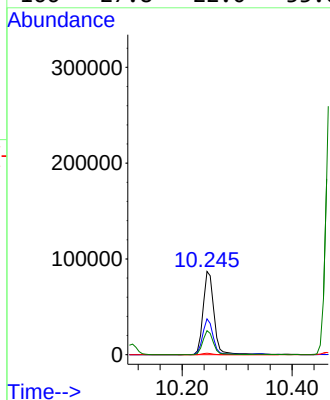
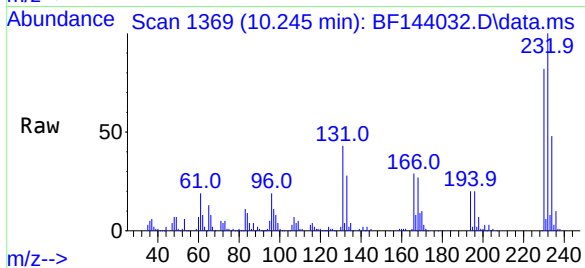




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.983 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

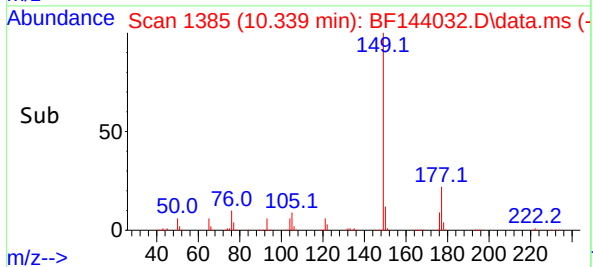
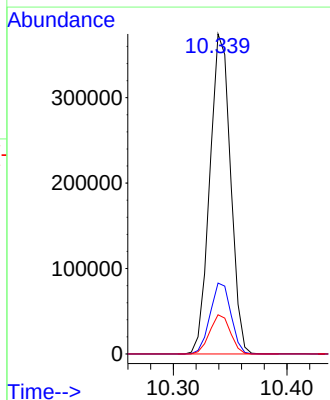
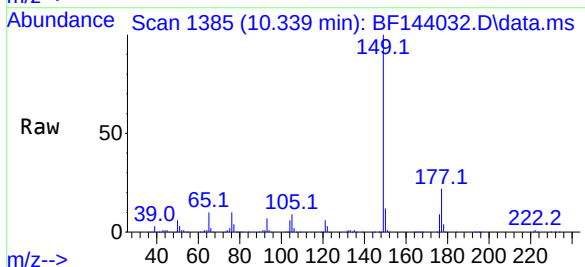
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:232 Resp: 120098
Ion Ratio Lower Upper
232 100
131 41.3 34.9 52.3
130 1.5 1.6 2.4#
166 27.8 22.0 33.0

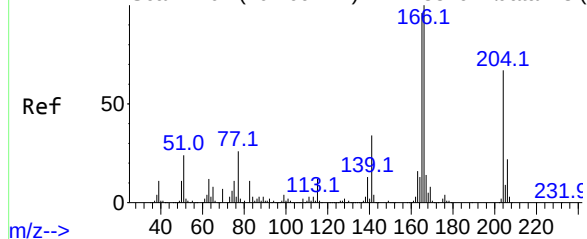


#60
Diethylphthalate
Concen: 36.475 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:149 Resp: 475428
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.2 9.8 14.8



Abundance Scan 1407 (10.469 min): BF143879.D\data.ms (-

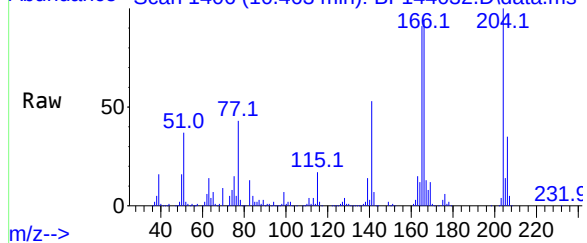


#61
4-Chlorophenyl-phenylether
Concen: 37.479 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

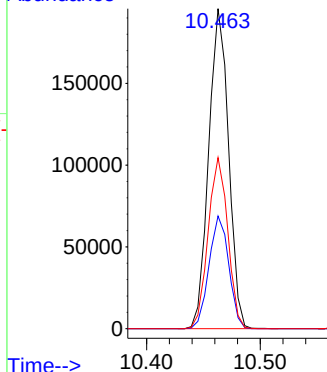
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:204 Resp: 237125
Ion Ratio Lower Upper
204 100
206 35.2 26.6 40.0
141 53.4 40.4 60.6

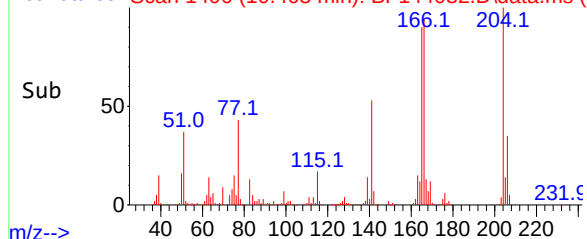
Abundance Scan 1406 (10.463 min): BF144032.D\data.ms (-



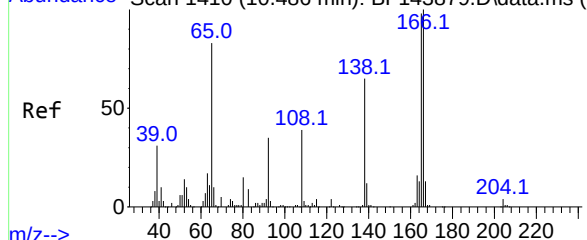
Abundance



Abundance Scan 1406 (10.463 min): BF144032.D\data.ms (-



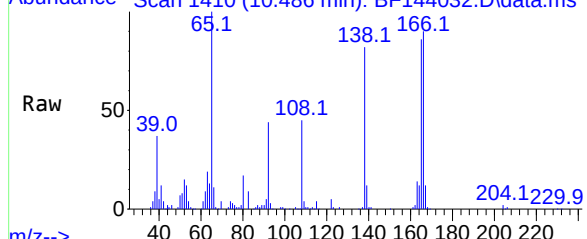
Abundance Scan 1410 (10.486 min): BF143879.D\data.ms (-



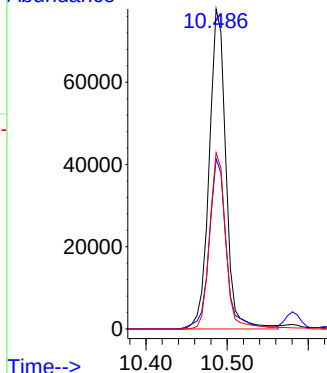
#62
4-Nitroaniline
Concen: 36.275 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:138 Resp: 111123
Ion Ratio Lower Upper
138 100
92 53.2 33.9 73.9
108 55.1 40.2 80.2

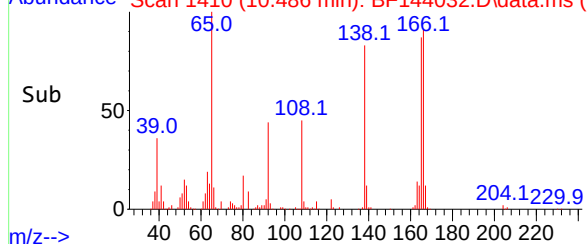
Abundance Scan 1410 (10.486 min): BF144032.D\data.ms (-

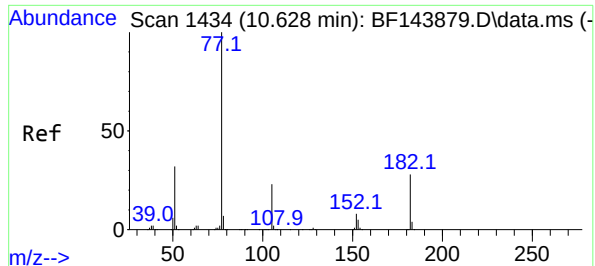


Abundance



Abundance Scan 1410 (10.486 min): BF144032.D\data.ms (-

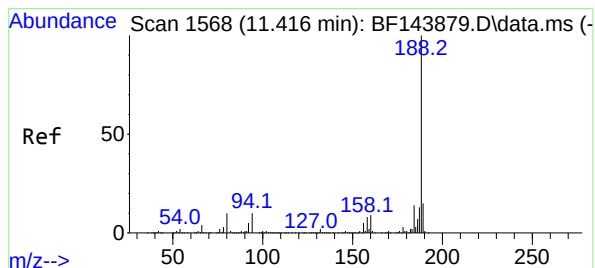
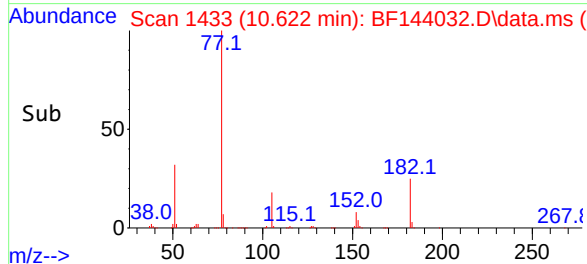
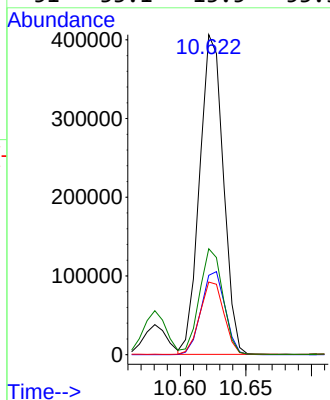
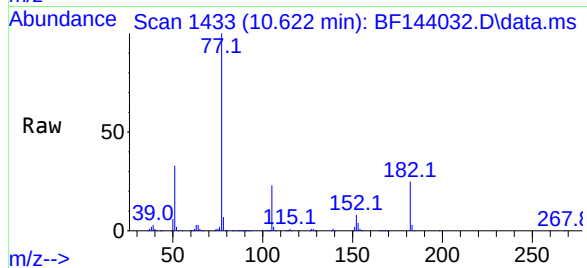




#63
Azobenzene
Concen: 37.526 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

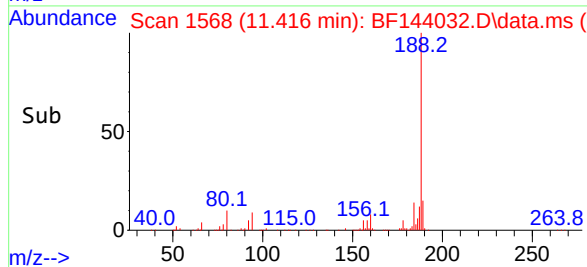
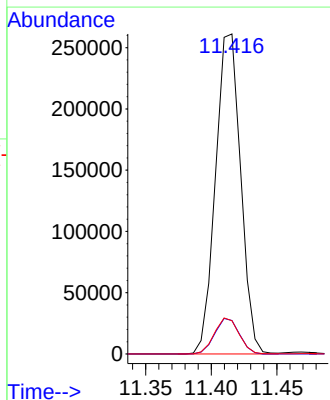
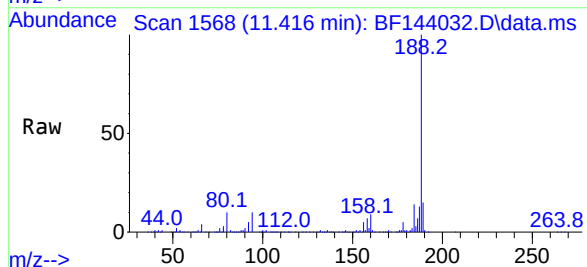
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

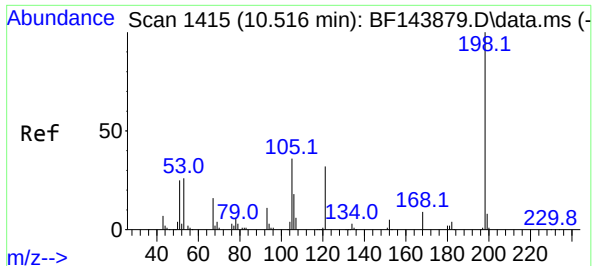
Tgt Ion: 77 Resp: 511202
Ion Ratio Lower Upper
77 100
182 24.8 7.3 47.3
105 22.7 3.0 43.0
51 33.1 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion: 188 Resp: 348267
Ion Ratio Lower Upper
188 100
94 10.5 7.8 11.6
80 10.4 7.9 11.9

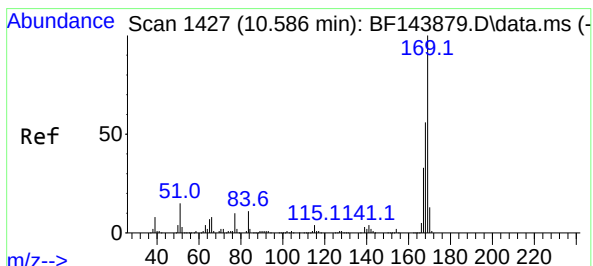
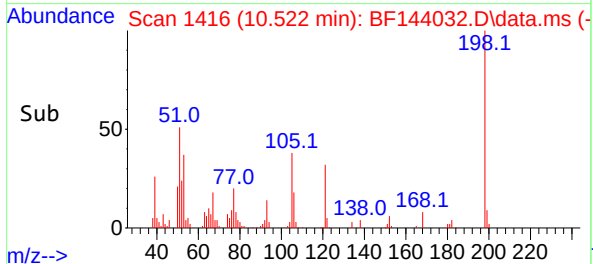
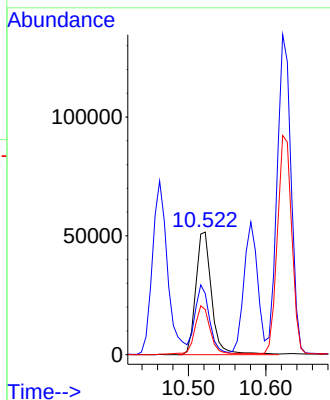
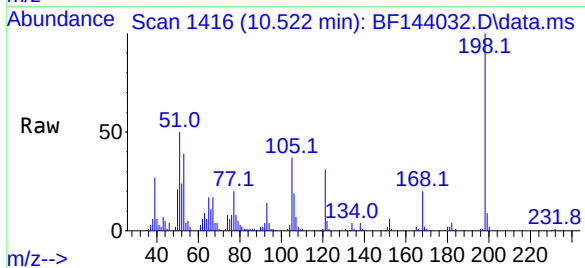




#65
4,6-Dinitro-2-methylphenol
Concen: 41.812 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

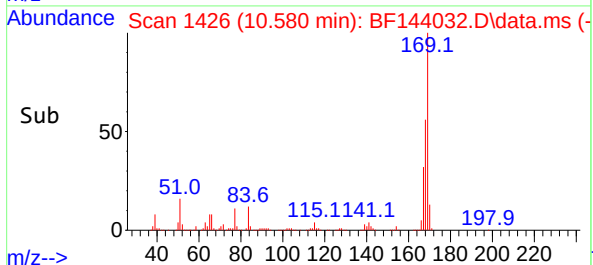
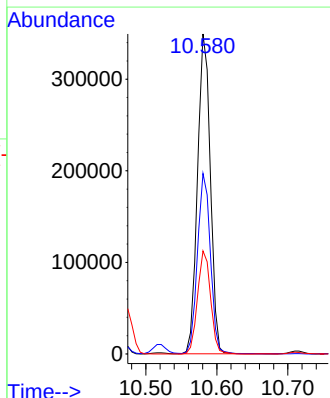
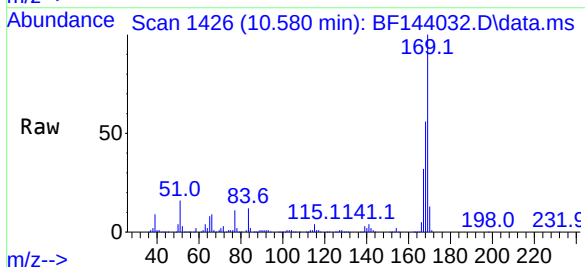
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

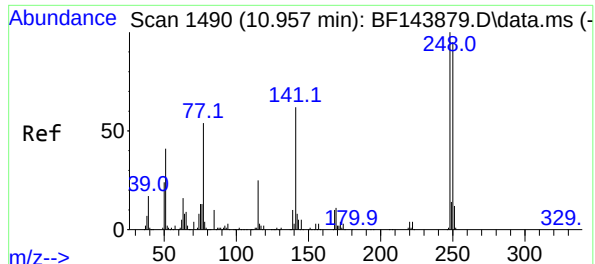
Tgt Ion:198 Resp: 73177
Ion Ratio Lower Upper
198 100
51 49.9 33.8 73.8
105 36.8 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 40.263 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:169 Resp: 440289
Ion Ratio Lower Upper
169 100
168 56.4 44.9 67.3
167 32.2 26.3 39.5

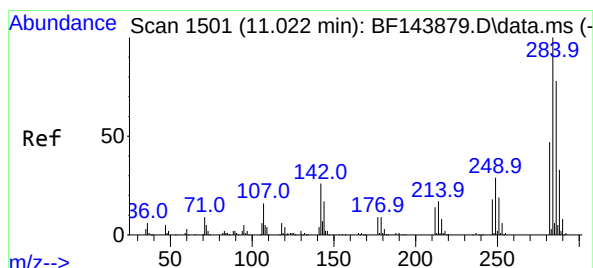
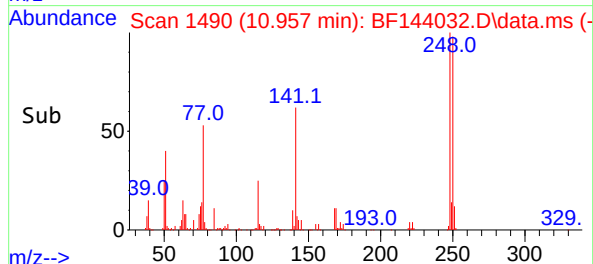
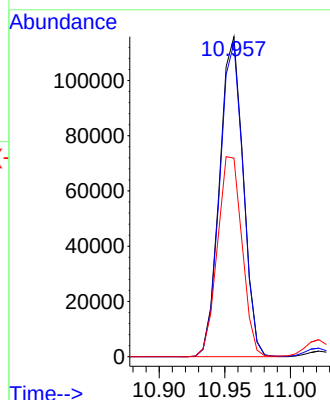
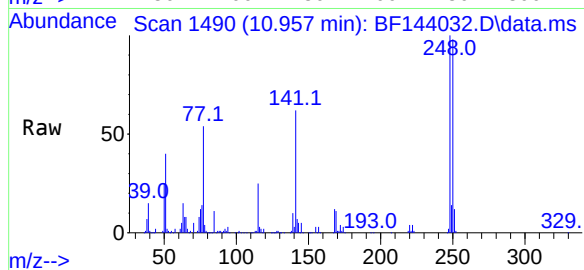




#67
4-Bromophenyl-phenylether
Concen: 37.679 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

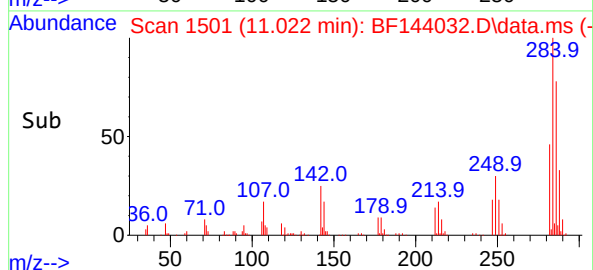
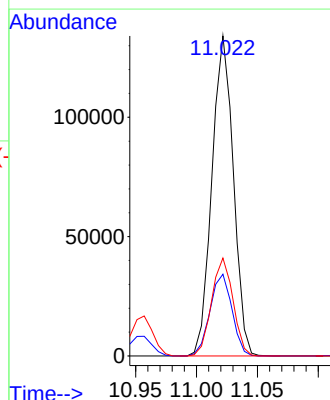
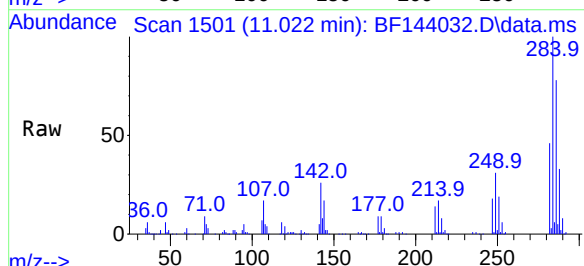
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

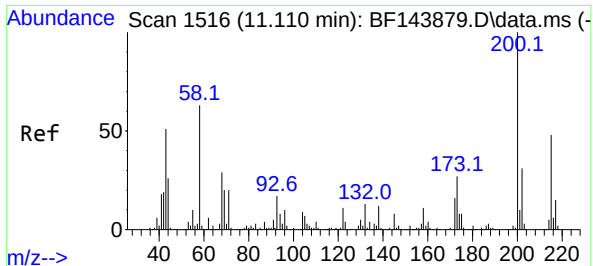
Tgt Ion:248 Resp: 145024
Ion Ratio Lower Upper
248 100
250 98.1 76.3 114.5
141 62.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 36.926 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:284 Resp: 164539
Ion Ratio Lower Upper
284 100
142 25.6 20.6 30.8
249 30.6 23.2 34.8





#69

Atrazine

Concen: 35.821 ng

RT: 11.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

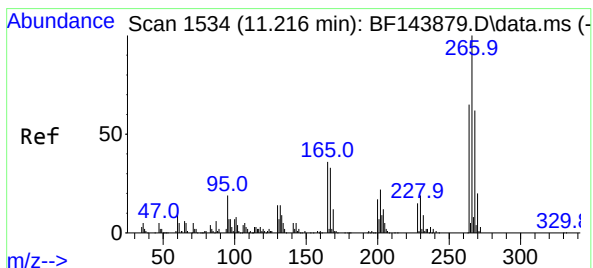
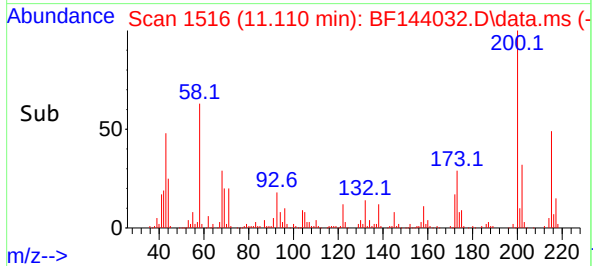
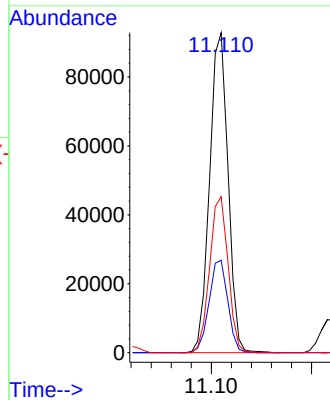
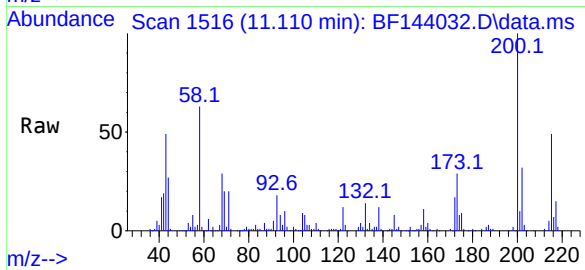
Tgt Ion:200 Resp: 118727

Ion Ratio Lower Upper

200 100

173 28.9 7.0 47.0

215 48.7 27.8 67.8



#70

Pentachlorophenol

Concen: 36.128 ng

RT: 11.222 min Scan# 1535

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

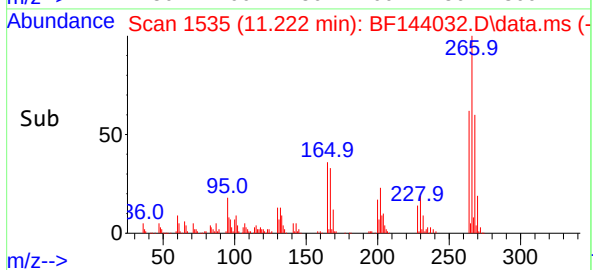
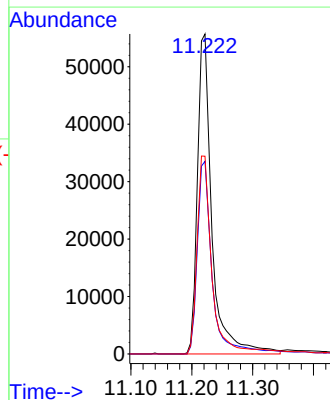
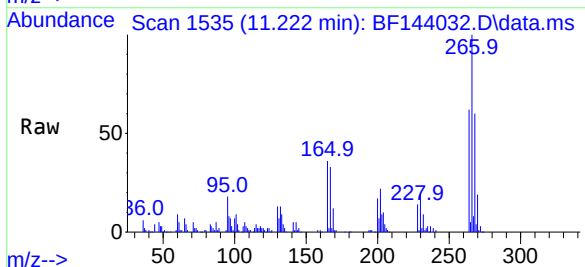
Tgt Ion:266 Resp: 92458

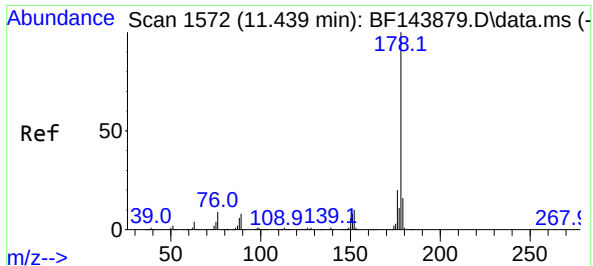
Ion Ratio Lower Upper

266 100

268 60.2 49.4 74.0

264 61.8 51.8 77.6

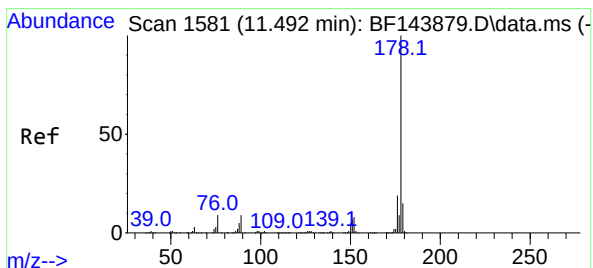
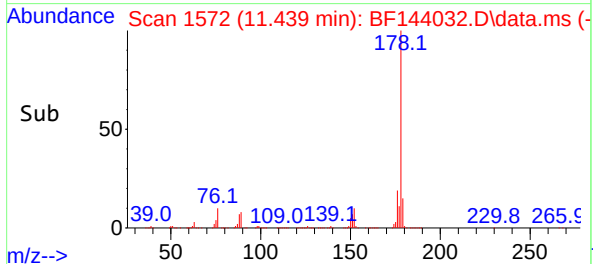
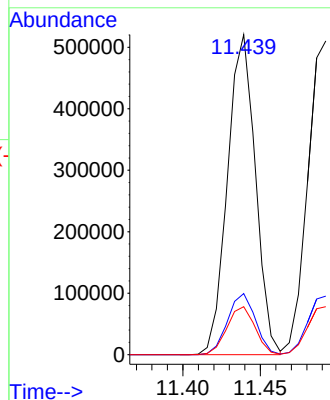
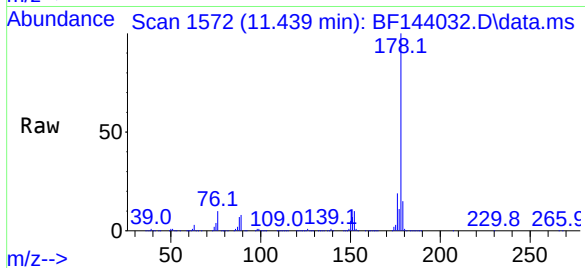




#71
Phenanthrene
Concen: 38.651 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

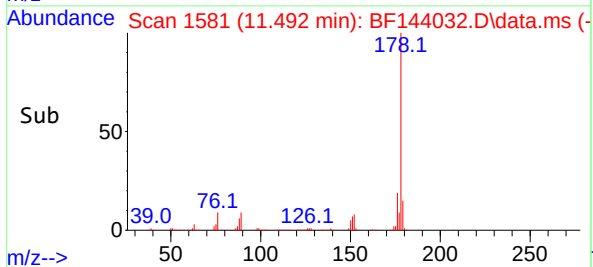
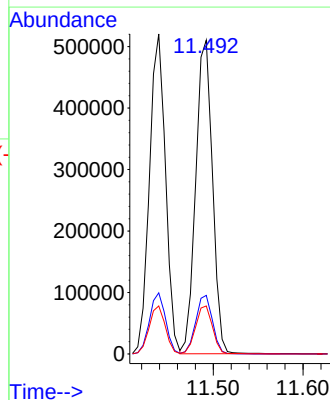
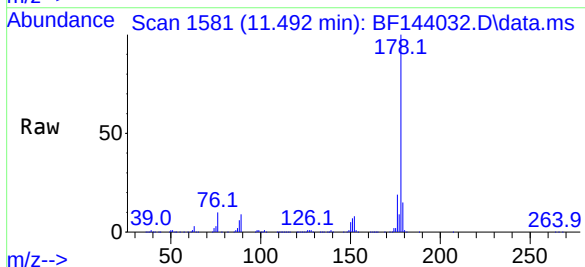
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

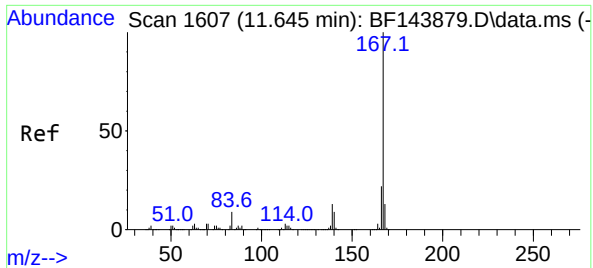
Tgt Ion:178 Resp: 652589
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.0 12.4 18.6



#72
Anthracene
Concen: 38.807 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:178 Resp: 661923
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.3 12.2 18.2

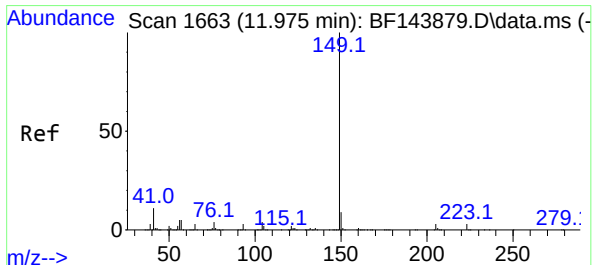
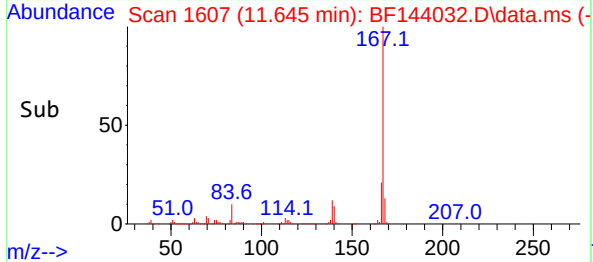
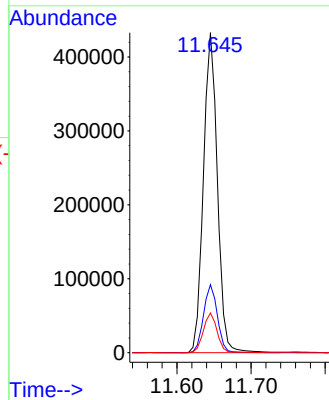
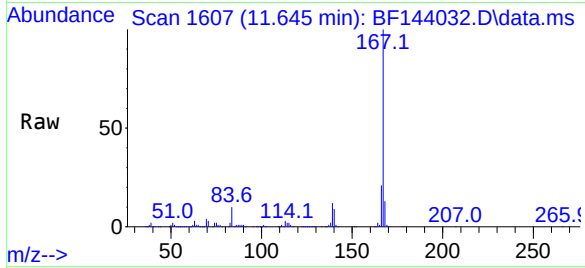




#73
Carbazole
Concen: 37.489 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

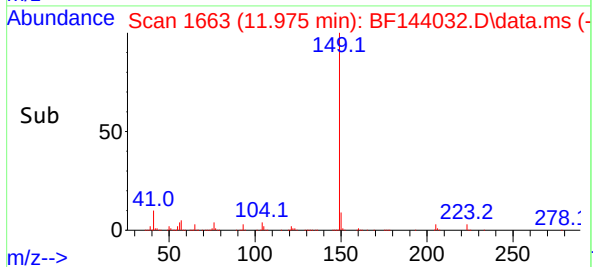
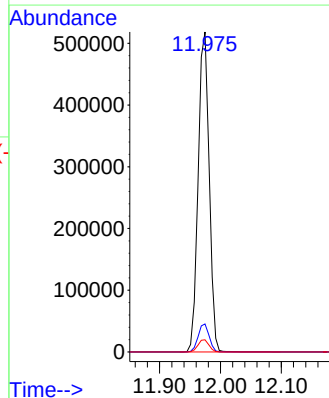
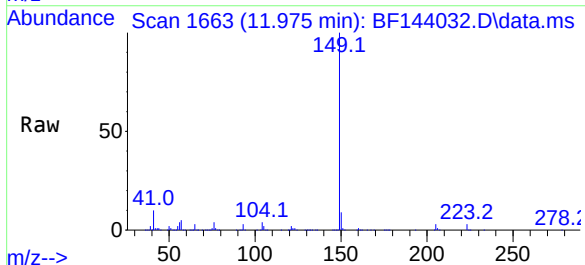
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

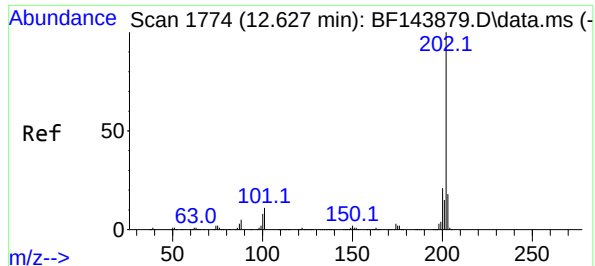
Tgt Ion:167 Resp: 566341
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.4 10.1 15.1



#74
Di-n-butylphthalate
Concen: 37.085 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:149 Resp: 649289
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 3.8 3.4 5.2

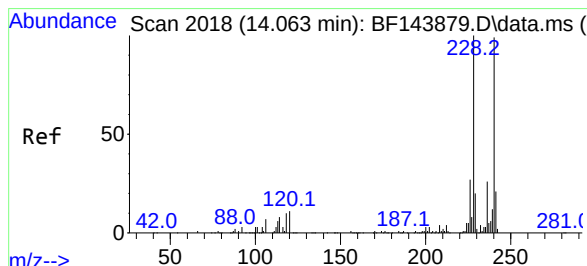
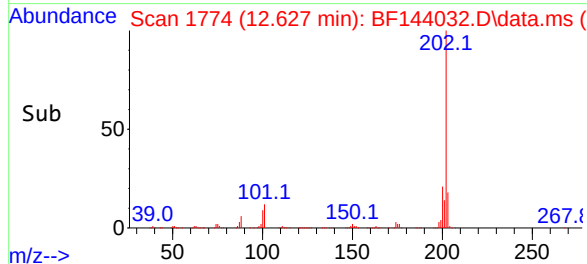
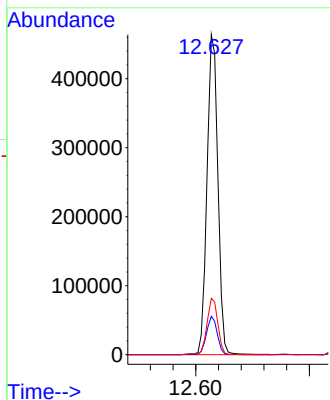
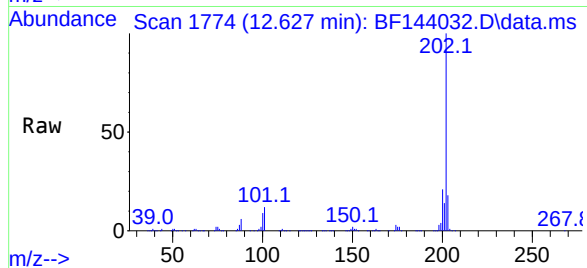




#75
Fluoranthene
Concen: 35.129 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

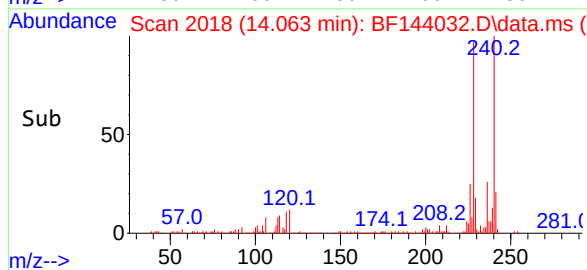
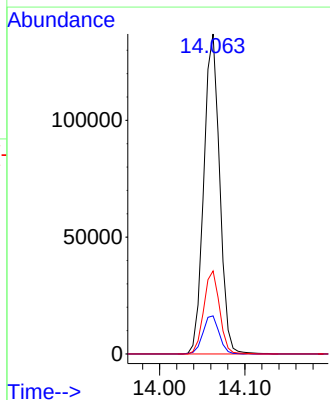
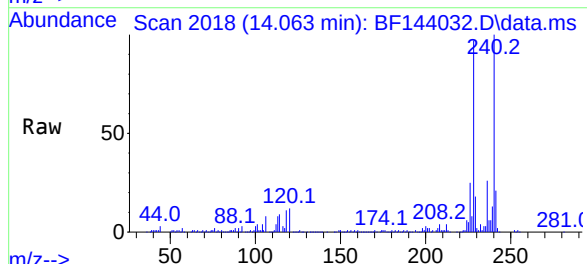
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

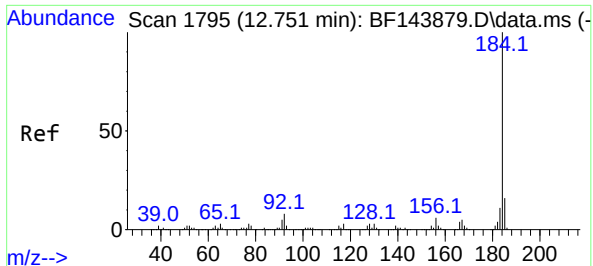
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	30.7
203	17.6	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.6	13.0
236	25.9	21.1	31.7

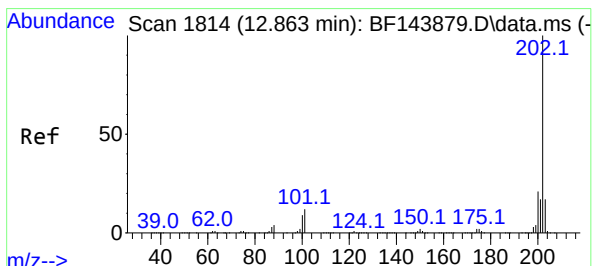
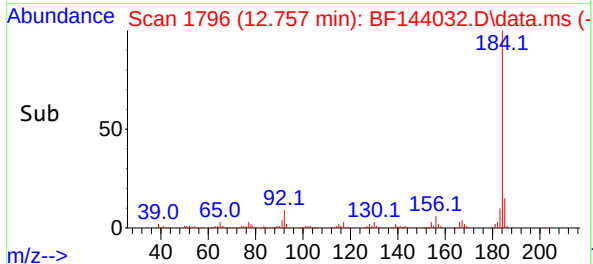
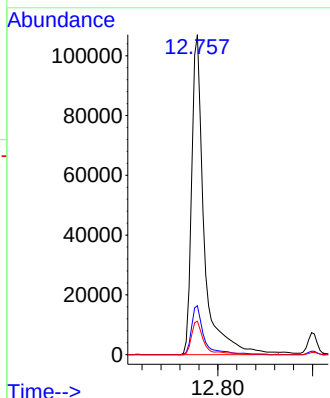
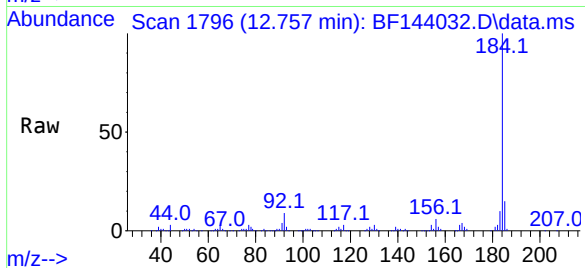




#77
Benzidine
Concen: 32.073 ng
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

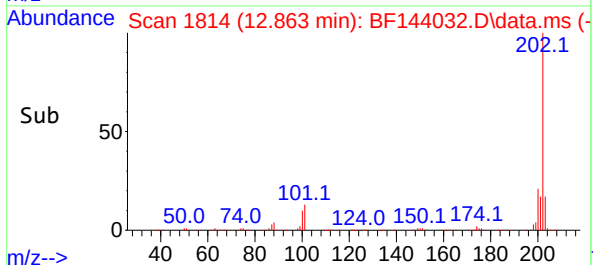
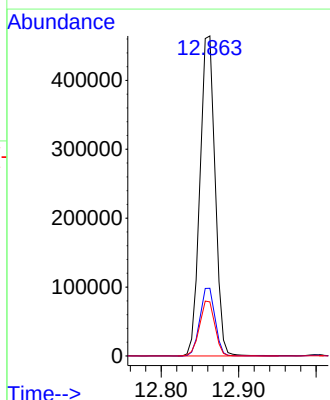
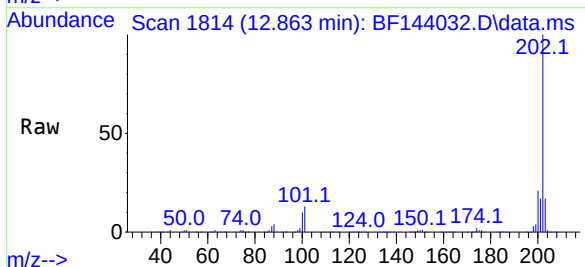
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

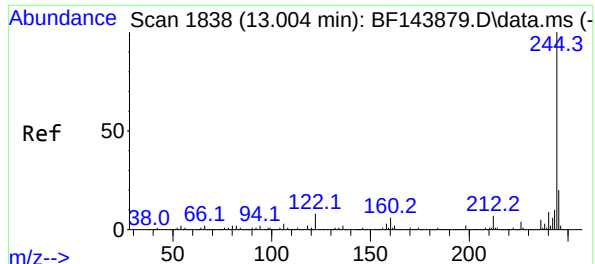
Tgt Ion:184 Resp: 196752
Ion Ratio Lower Upper
184 100
185 15.3 12.6 18.8
183 10.5 8.8 13.2



#78
Pyrene
Concen: 42.849 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:202 Resp: 631120
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 16.9 13.8 20.6





#79

Terphenyl-d14

Concen: 84.202 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

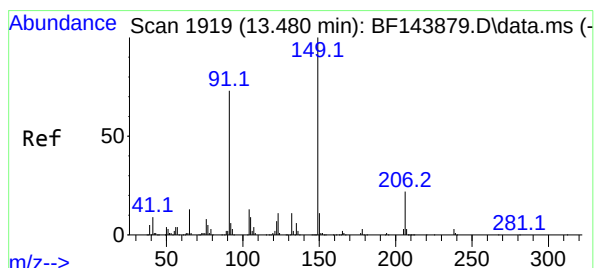
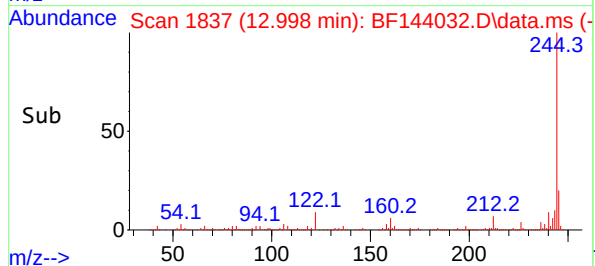
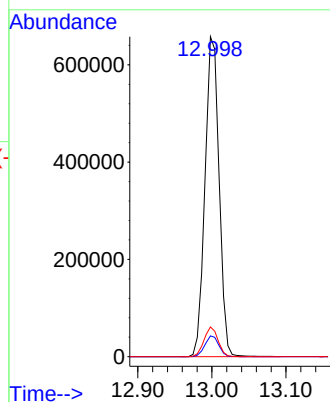
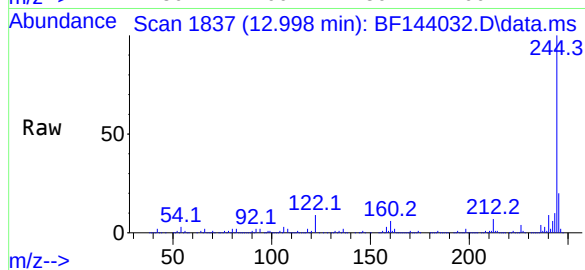
Tgt Ion:244 Resp: 870415

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.3 6.4 9.6



#80

Butylbenzylphthalate

Concen: 40.760 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

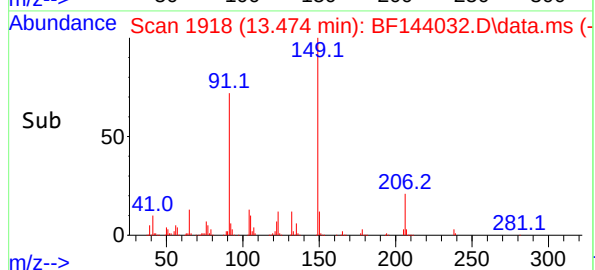
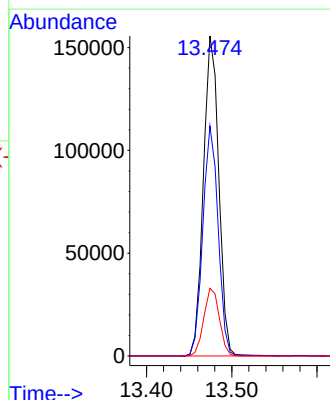
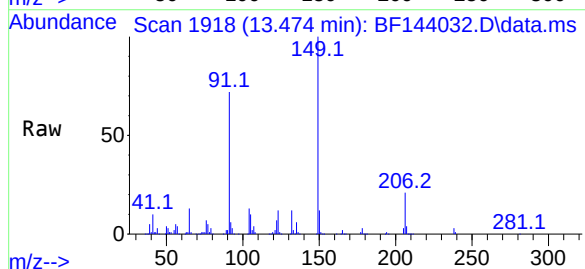
Tgt Ion:149 Resp: 194973

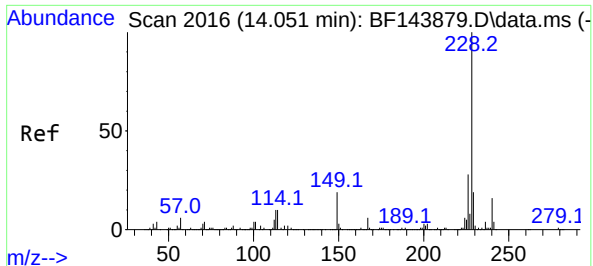
Ion Ratio Lower Upper

149 100

91 71.9 58.2 87.2

206 21.2 17.9 26.9





#81

Benzo(a)anthracene

Concen: 39.389 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

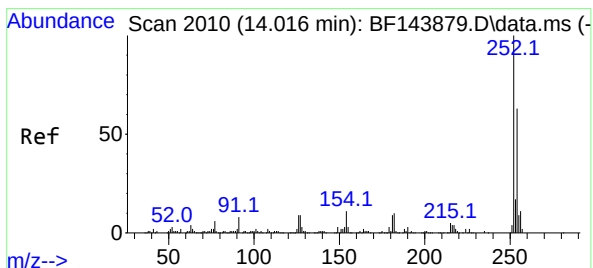
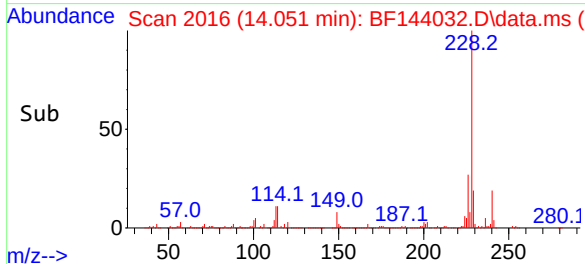
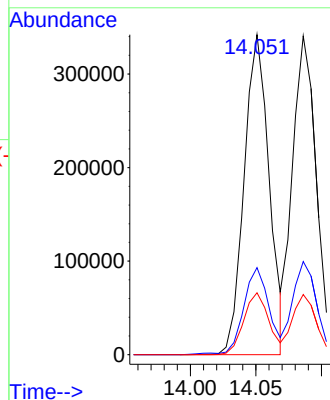
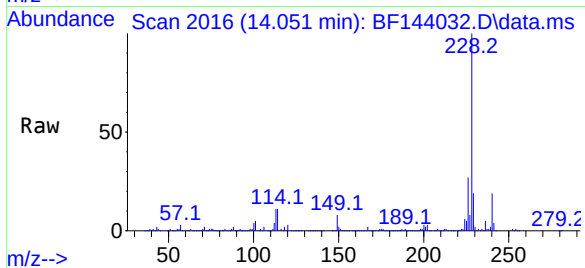
Tgt Ion:228 Resp: 455394

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 40.664 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

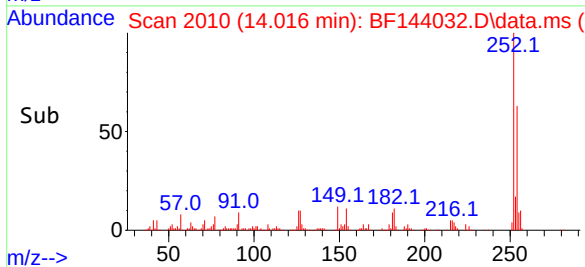
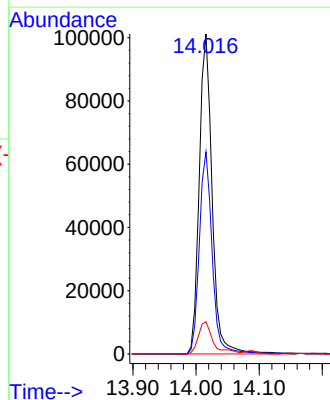
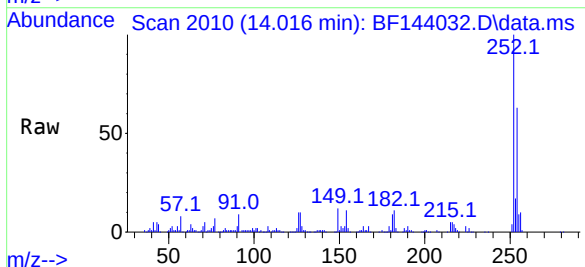
Tgt Ion:252 Resp: 143273

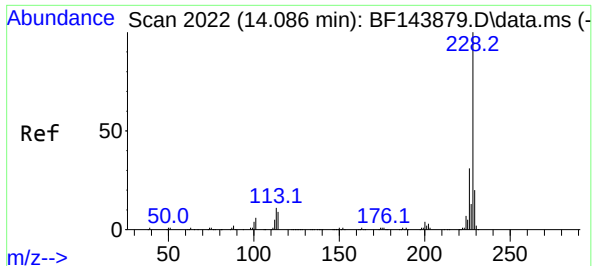
Ion Ratio Lower Upper

252 100

254 63.1 50.6 76.0

126 10.0 7.0 10.6

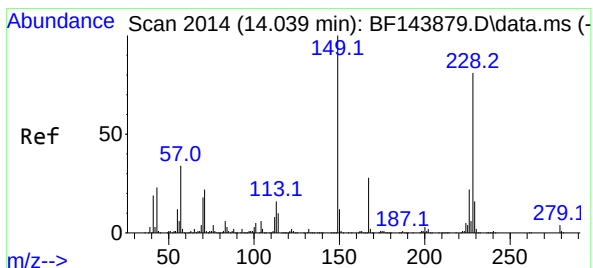
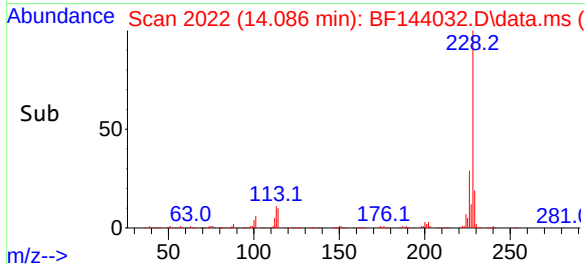
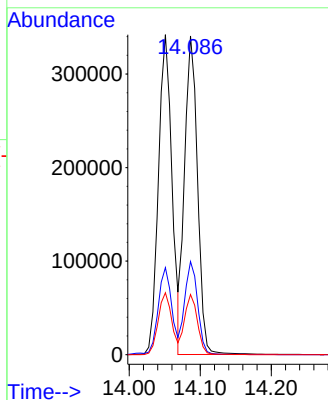
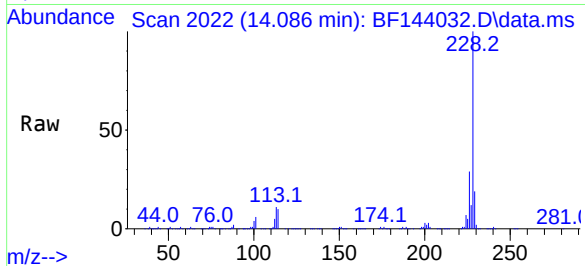




#83
Chrysene
Concen: 40.255 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

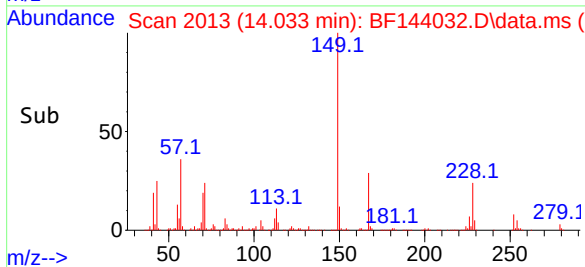
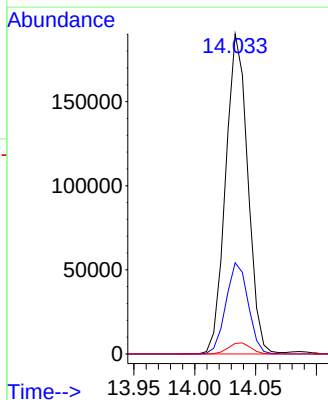
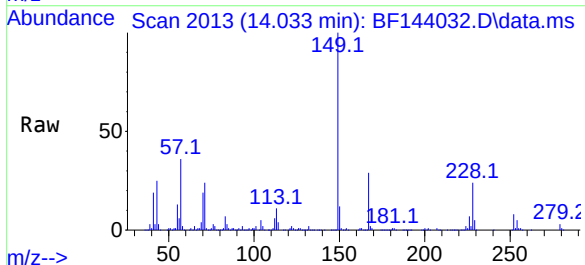
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

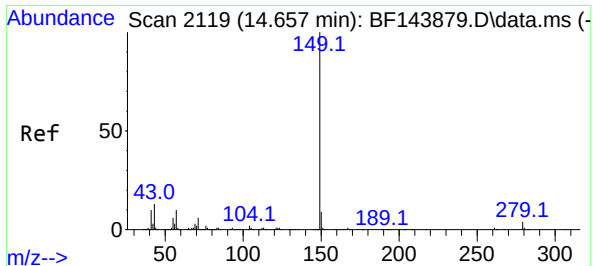
Tgt Ion:228 Resp: 430745
Ion Ratio Lower Upper
228 100
226 29.2 24.4 36.6
229 18.8 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.810 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:149 Resp: 241084
Ion Ratio Lower Upper
149 100
167 28.5 22.2 33.4
279 3.3 3.1 4.7

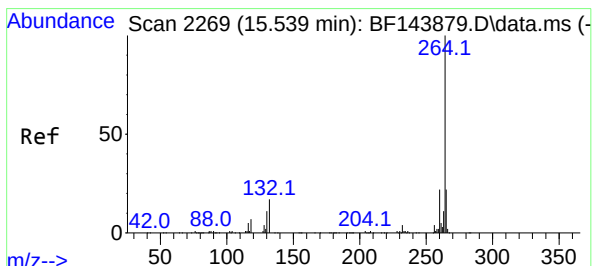
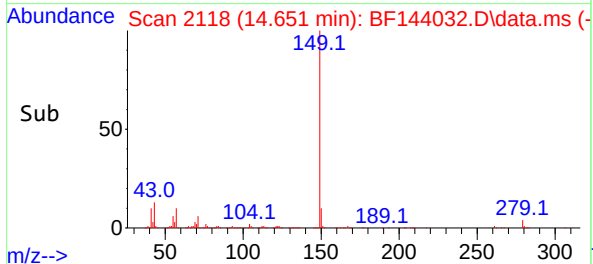
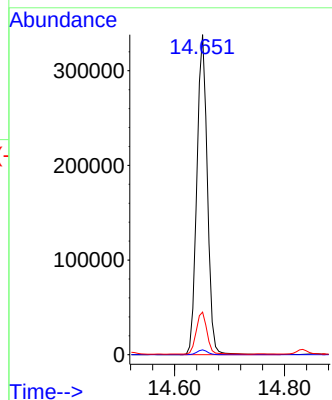
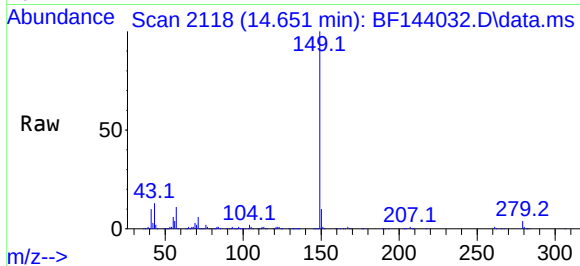




#85
Di-n-octyl phthalate
Concen: 47.203 ng
RT: 14.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

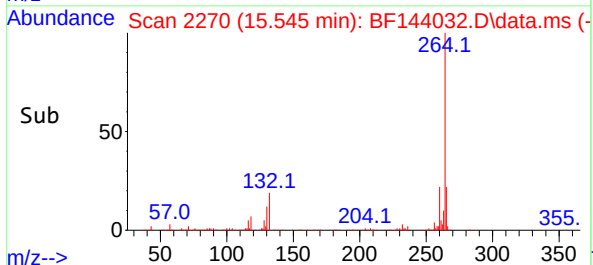
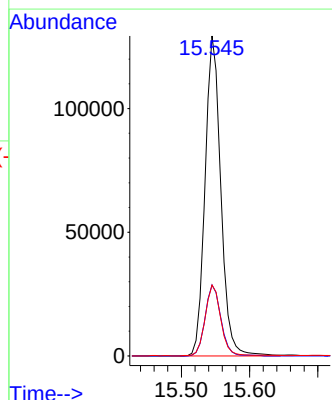
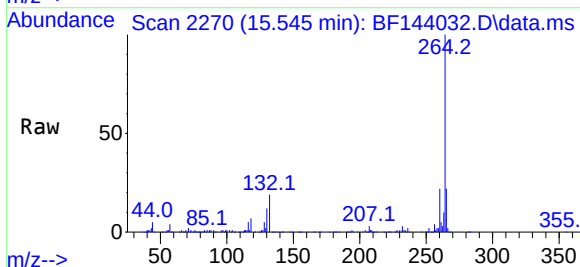
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 447041
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 13.5 11.0 16.4

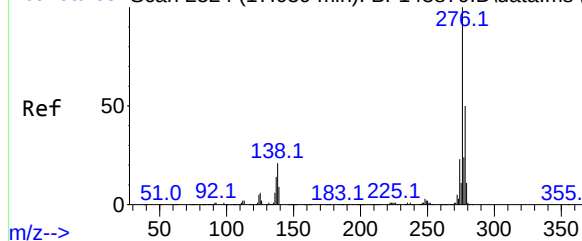


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion:264 Resp: 208587
Ion Ratio Lower Upper
264 100
260 22.2 17.8 26.8
265 22.2 17.5 26.3



Abundance Scan 2524 (17.039 min): BF143879.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 47.654 ng

RT: 17.057 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 609064

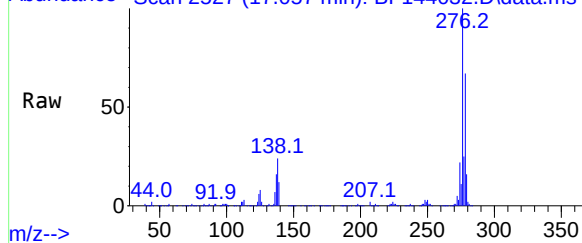
Ion Ratio Lower Upper

276 100

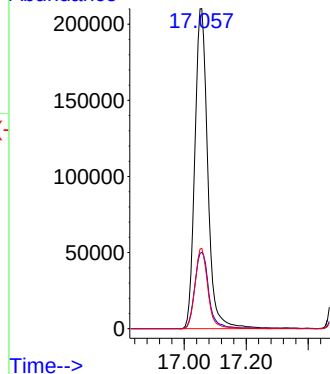
138 25.8 18.2 27.2

277 24.8 19.8 29.6

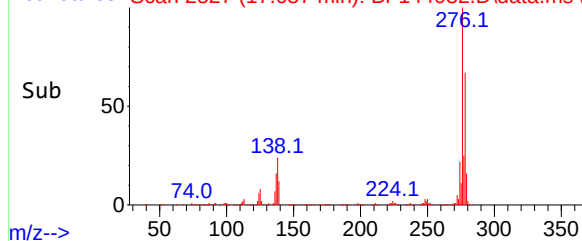
Abundance Scan 2527 (17.057 min): BF144032.D\data.ms



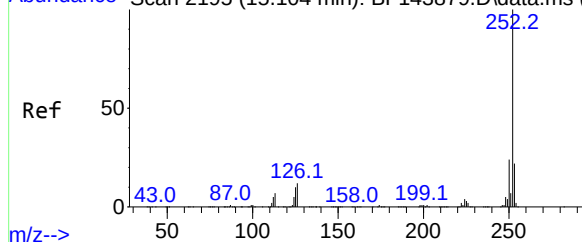
Abundance



Abundance Scan 2527 (17.057 min): BF144032.D\data.ms (-



Abundance Scan 2195 (15.104 min): BF143879.D\data.ms (-



#88

Benzo(b)fluoranthene

Concen: 34.144 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Tgt Ion:252 Resp: 409111

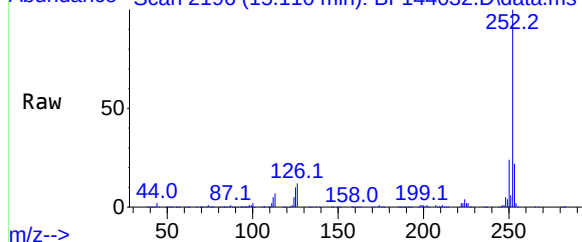
Ion Ratio Lower Upper

252 100

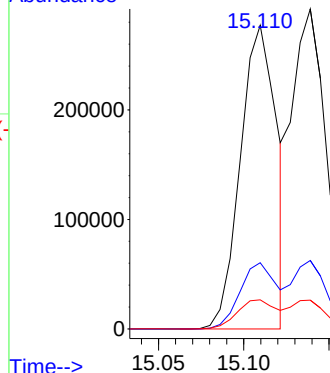
253 21.8 17.4 26.2

125 9.6 7.8 11.6

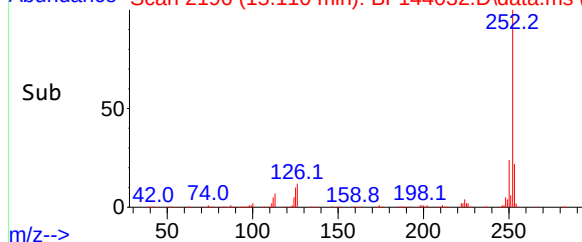
Abundance Scan 2196 (15.110 min): BF144032.D\data.ms

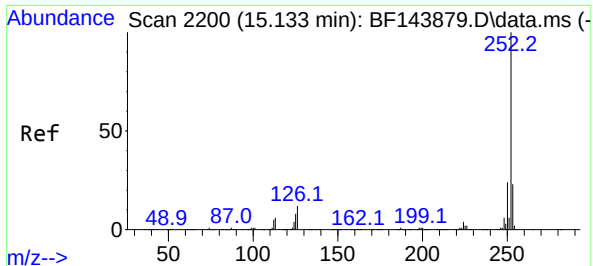


Abundance



Abundance Scan 2196 (15.110 min): BF144032.D\data.ms (-





#89

Benzo(k)fluoranthene

Concen: 37.571 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

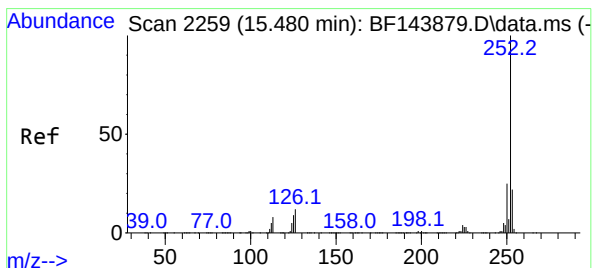
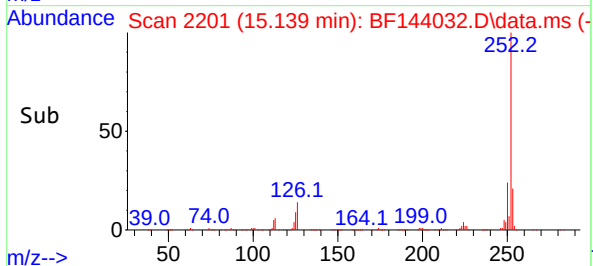
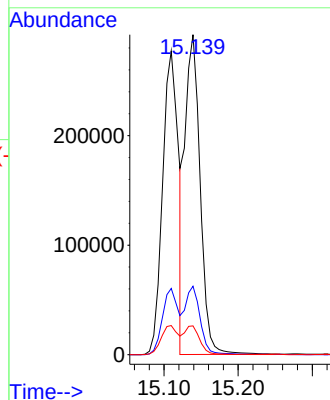
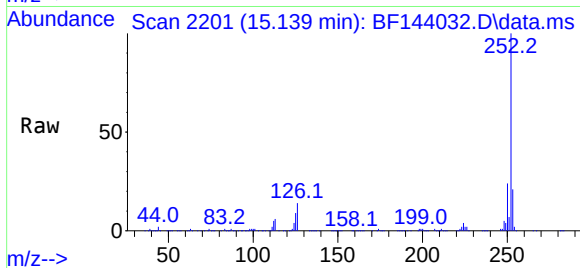
Tgt Ion:252 Resp: 416554

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.171 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144032.D

Acq: 22 Oct 2025 10:25

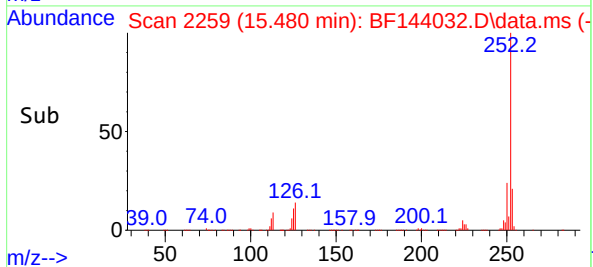
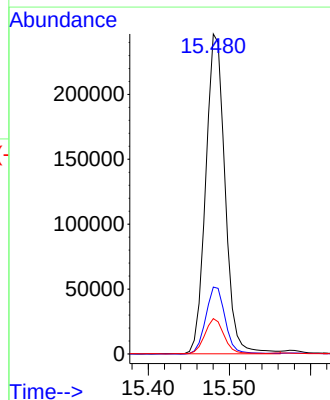
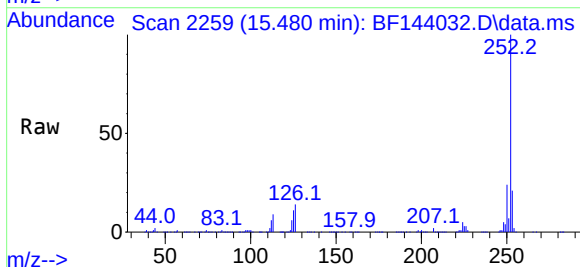
Tgt Ion:252 Resp: 406966

Ion Ratio Lower Upper

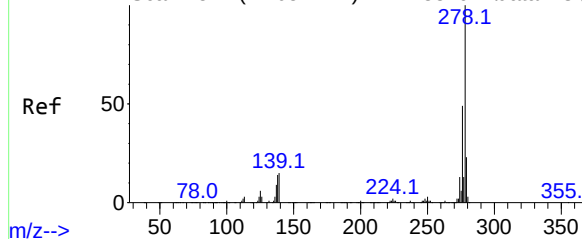
252 100

253 20.9 17.3 25.9

125 11.1 7.0 10.4#



Abundance Scan 2527 (17.057 min): BF143879.D\data.ms (-

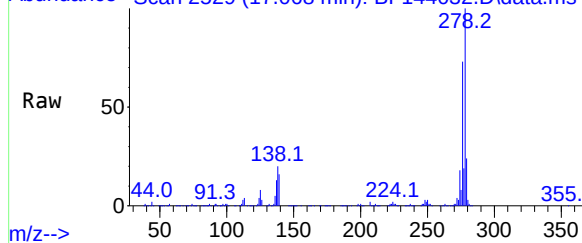


#91
Dibenzo(a,h)anthracene
Concen: 47.870 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

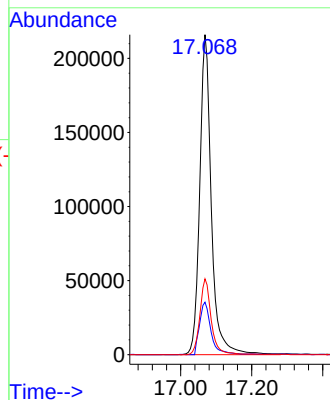
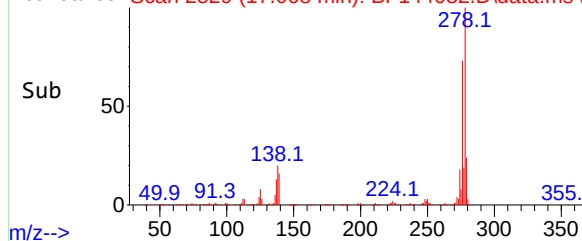
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.7	17.5
279	23.7	18.4	27.6

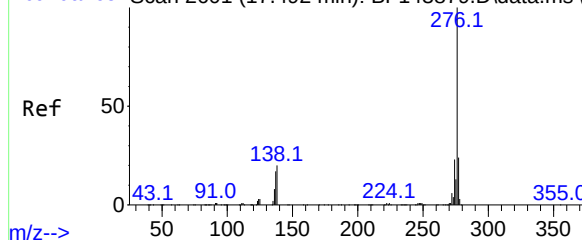
Abundance Scan 2529 (17.068 min): BF144032.D\data.ms



Abundance Scan 2529 (17.068 min): BF144032.D\data.ms (-



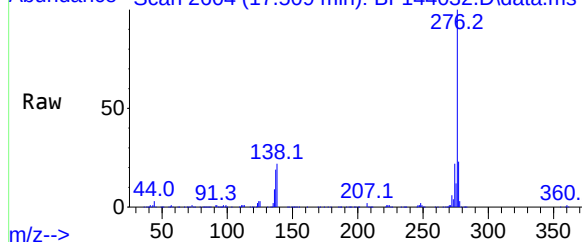
Abundance Scan 2601 (17.492 min): BF143879.D\data.ms (-



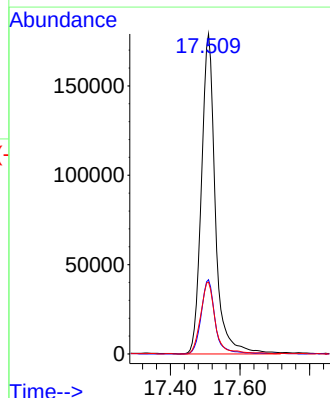
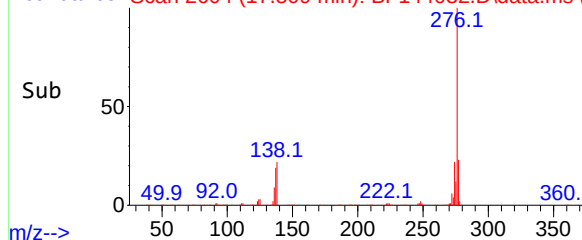
#92
Benzo(g,h,i)perylene
Concen: 48.426 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144032.D
Acq: 22 Oct 2025 10:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.0	28.6
138	22.5	16.1	24.1

Abundance Scan 2604 (17.509 min): BF144032.D\data.ms



Abundance Scan 2604 (17.509 min): BF144032.D\data.ms (-



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144032.D
 Acq On : 22 Oct 2025 10:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 22 10:45:47 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	91	0.00
2	1,4-Dioxane	0.583	0.579	0.7	87	-0.01
3	Pyridine	1.697	1.645	3.1	84	-0.01
4	n-Nitrosodimethylamine	0.893	0.819	8.3	82	-0.04
5 S	2-Fluorophenol	1.259	1.263	-0.3	88	0.00
6	Aniline	2.250	2.136	5.1	83	0.00
7 S	Phenol-d6	1.501	1.459	2.8	86	0.00
8	2-Chlorophenol	1.231	1.205	2.1	85	0.00
9	Benzaldehyde	1.158	1.176	-1.6	81	0.00
10 C	Phenol	1.795	1.838	-2.4	91	-0.01
11	bis(2-Chloroethyl)ether	1.386	1.342	3.2	84	-0.01
12	1,3-Dichlorobenzene	1.474	1.404	4.7	84	0.00
13 C	1,4-Dichlorobenzene	1.454	1.419	2.4	86	0.00
14	1,2-Dichlorobenzene	1.392	1.368	1.7	87	0.00
15	Benzyl Alcohol	1.125	1.073	4.6	83	-0.01
16	2,2'-oxybis(1-Chloropropane	3.156	3.068	2.8	86	0.00
17	2-Methylphenol	1.017	0.970	4.6	84	0.00
18	Hexachloroethane	0.485	0.469	3.3	85	0.00
19 P	n-Nitroso-di-n-propylamine	1.028	0.930	9.5	83	-0.02
20	3+4-Methylphenols	1.179	1.144	3.0	82	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	89	0.00
22	Acetophenone	0.423	0.389	8.0	80	-0.01
23 S	Nitrobenzene-d5	0.329	0.331	-0.6	86	-0.01
24	Nitrobenzene	0.366	0.366	0.0	84	-0.01
25	Isophorone	0.694	0.630	9.2	80	-0.02
26 C	2-Nitrophenol	0.157	0.173	-10.2	89	0.00
27	2,4-Dimethylphenol	0.282	0.273	3.2	83	0.00
28	bis(2-Chloroethoxy)methane	0.438	0.417	4.8	84	-0.01
29 C	2,4-Dichlorophenol	0.294	0.284	3.4	82	0.00
30	1,2,4-Trichlorobenzene	0.289	0.275	4.8	82	0.00
31	Naphthalene	0.910	0.867	4.7	83	0.00
32	Benzoic acid	0.195	0.163	16.4	73	-0.04
33	4-Chloroaniline	0.341	0.317	7.0	80	0.00
34 C	Hexachlorobutadiene	0.201	0.185	8.0	80	0.00
35	Caprolactam	0.093	0.078	16.1	73	-0.05
36 C	4-Chloro-3-methylphenol	0.282	0.258	8.5	80	0.00
37	2-Methylnaphthalene	0.606	0.564	6.9	82	0.00
38	1-Methylnaphthalene	0.588	0.541	8.0	80	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	85	0.00
40	1,2,4,5-Tetrachlorobenzene	0.553	0.552	0.2	80	0.00
41 P	Hexachlorocyclopentadiene	0.229	0.198	13.5	65	0.00
42 S	2,4,6-Tribromophenol	0.199	0.170	14.6	70	0.00
43 C	2,4,6-Trichlorophenol	0.404	0.385	4.7	73	0.00
44	2,4,5-Trichlorophenol	0.427	0.416	2.6	78	0.00
45 S	2-Fluorobiphenyl	1.260	1.173	6.9	81	-0.01
46	1,1'-Biphenyl	1.324	1.285	2.9	79	0.00
47	2-Chloronaphthalene	1.104	1.102	0.2	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144032.D
 Acq On : 22 Oct 2025 10:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 22 10:45:47 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	0.359	-2.9	78	0.00
49	Acenaphthylene	1.552	1.488	4.1	78	0.00
50	Dimethylphthalate	1.270	1.174	7.6	77	0.00
51	2,6-Dinitrotoluene	0.236	0.245	-3.8	80	-0.01
52 C	Acenaphthene	1.017	0.988	2.9	80	0.00
53	3-Nitroaniline	0.288	0.288	0.0	80	-0.01
54 P	2,4-Dinitrophenol	0.118	0.150	-27.1#	107	0.00
55	Dibenzofuran	1.436	1.365	4.9	78	0.00
56 P	4-Nitrophenol	0.218	0.221	-1.4	80	0.00
57	2,4-Dinitrotoluene	0.320	0.327	-2.2	76	0.00
58	Fluorene	1.083	1.034	4.5	80	0.00
59	2,3,4,6-Tetrachlorophenol	0.302	0.272	9.9	71	0.00
60	Diethylphthalate	1.180	1.076	8.8	75	-0.01
61	4-Chlorophenyl-phenylether	0.573	0.537	6.3	76	0.00
62	4-Nitroaniline	0.277	0.251	9.4	73	-0.02
63	Azobenzene	1.233	1.157	6.2	77	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	78	0.00
65	4,6-Dinitro-2-methylphenol	0.101	0.105	-4.0	74	-0.01
66 c	n-Nitrosodiphenylamine	0.628	0.632	-0.6	75	-0.01
67	4-Bromophenyl-phenylether	0.221	0.208	5.9	71	0.00
68	Hexachlorobenzene	0.256	0.236	7.8	69	0.00
69	Atrazine	0.190	0.170	10.5	69	-0.01
70 C	Pentachlorophenol	0.147	0.133	9.5	66	0.00
71	Phenanthrene	0.970	0.937	3.4	75	0.00
72	Anthracene	0.980	0.950	3.1	73	0.00
73	Carbazole	0.868	0.813	6.3	72	0.00
74	Di-n-butylphthalate	1.005	0.932	7.3	69	0.00
75 C	Fluoranthene	1.002	0.880	12.2	67	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	69	0.00
77	Benzidine	0.694	0.557	19.7	51	0.00
78	Pyrene	1.667	1.786	-7.1	67	0.00
79 S	Terphenyl-d14	1.170	1.232	-5.3	67	-0.01
80	Butylbenzylphthalate	0.542	0.552	-1.8	62	0.00
81	Benzo(a)anthracene	1.309	1.289	1.5	64	0.00
82	3,3'-Dichlorobenzidine	0.399	0.405	-1.5	64	0.00
83	Chrysene	1.211	1.219	-0.7	65	0.00
84	Bis(2-ethylhexyl)phthalate	0.653	0.682	-4.4	64	0.00
85 c	Di-n-octyl phthalate	1.072	1.265	-18.0	74	0.00
86 I	Perylene-d12	1.000	1.000	0.0	83	0.00
87	Indeno(1,2,3-cd)pyrene	1.225	1.460	-19.2	87	0.00
88	Benzo(b)fluoranthene	1.149	0.981	14.6	64	0.00
89	Benzo(k)fluoranthene	1.063	0.999	6.0	75	0.00
90 C	Benzo(a)pyrene	0.996	0.976	2.0	74	0.00
91	Dibenzo(a,h)anthracene	0.986	1.180	-19.7	87	-0.01
92	Benzo(g,h,i)perylene	0.986	1.193	-21.0	89	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144032.D
Acq On : 22 Oct 2025 10:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 22 10:45:47 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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144032.D
 Acq On : 22 Oct 2025 10:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 22 10:45:47 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)
1 I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	91	0.00
2	1,4-Dioxane	40.000	39.771	0.6	87	-0.01
3	Pyridine	40.000	38.793	3.0	84	-0.01
4	n-Nitrosodimethylamine	40.000	36.698	8.3	82	-0.04
5 S	2-Fluorophenol	80.000	80.225	-0.3	88	0.00
6	Aniline	40.000	37.979	5.1	83	0.00
7 S	Phenol-d6	80.000	77.752	2.8	86	0.00
8	2-Chlorophenol	40.000	39.162	2.1	85	0.00
9	Benzaldehyde	40.000	40.630	-1.6	81	0.00
10 C	Phenol	40.000	40.961	-2.4	91	-0.01
11	bis(2-Chloroethyl)ether	40.000	38.721	3.2	84	-0.01
12	1,3-Dichlorobenzene	40.000	38.108	4.7	84	0.00
13 C	1,4-Dichlorobenzene	40.000	39.051	2.4	86	0.00
14	1,2-Dichlorobenzene	40.000	39.302	1.7	87	0.00
15	Benzyl Alcohol	40.000	38.164	4.6	83	-0.01
16	2,2'-oxybis(1-Chloropropane	40.000	38.888	2.8	86	0.00
17	2-Methylphenol	40.000	38.143	4.6	84	0.00
18	Hexachloroethane	40.000	38.681	3.3	85	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	36.214	9.5	83	-0.02
20	3+4-Methylphenols	40.000	38.820	2.9	82	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	89	0.00
22	Acetophenone	40.000	36.806	8.0	80	-0.01
23 S	Nitrobenzene-d5	80.000	80.513	-0.6	86	-0.01
24	Nitrobenzene	40.000	40.091	-0.2	84	-0.01
25	Isophorone	40.000	36.283	9.3	80	-0.02
26 C	2-Nitrophenol	40.000	44.102	-10.3	89	0.00
27	2,4-Dimethylphenol	40.000	38.775	3.1	83	0.00
28	bis(2-Chloroethoxy)methane	40.000	38.064	4.8	84	-0.01
29 C	2,4-Dichlorophenol	40.000	38.622	3.4	82	0.00
30	1,2,4-Trichlorobenzene	40.000	38.111	4.7	82	0.00
31	Naphthalene	40.000	38.125	4.7	83	0.00
32	Benzoic acid	40.000	33.454	16.4	73	-0.04
33	4-Chloroaniline	40.000	37.121	7.2	80	0.00
34 C	Hexachlorobutadiene	40.000	36.820	7.9	80	0.00
35	Caprolactam	40.000	33.592	16.0	73	-0.05
36 C	4-Chloro-3-methylphenol	40.000	36.599	8.5	80	0.00
37	2-Methylnaphthalene	40.000	37.215	7.0	82	0.00
38	1-Methylnaphthalene	40.000	36.835	7.9	80	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	85	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	39.935	0.2	80	0.00
41 P	Hexachlorocyclopentadiene	40.000	34.519	13.7	65	0.00
42 S	2,4,6-Tribromophenol	80.000	68.447	14.4	70	0.00
43 C	2,4,6-Trichlorophenol	40.000	38.088	4.8	73	0.00
44	2,4,5-Trichlorophenol	40.000	38.983	2.5	78	0.00
45 S	2-Fluorobiphenyl	80.000	74.454	6.9	81	-0.01
46	1,1'-Biphenyl	40.000	38.813	3.0	79	0.00
47	2-Chloronaphthalene	40.000	39.918	0.2	82	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144032.D
 Acq On : 22 Oct 2025 10:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 22 10:45:47 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	41.110	-2.8	78	0.00
49	Acenaphthylene	40.000	38.355	4.1	78	0.00
50	Dimethylphthalate	40.000	36.978	7.6	77	0.00
51	2,6-Dinitrotoluene	40.000	41.669	-4.2	80	-0.01
52 C	Acenaphthene	40.000	38.850	2.9	80	0.00
53	3-Nitroaniline	40.000	39.926	0.2	80	-0.01
54 P	2,4-Dinitrophenol	40.000	44.671	-11.7	107	0.00
55	Dibenzofuran	40.000	38.039	4.9	78	0.00
56 P	4-Nitrophenol	40.000	40.532	-1.3	80	0.00
57	2,4-Dinitrotoluene	40.000	40.776	-1.9	76	0.00
58	Fluorene	40.000	38.186	4.5	80	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	35.983	10.0	71	0.00
60	Diethylphthalate	40.000	36.475	8.8	75	-0.01
61	4-Chlorophenyl-phenylether	40.000	37.479	6.3	76	0.00
62	4-Nitroaniline	40.000	36.275	9.3	73	-0.02
63	Azobenzene	40.000	37.526	6.2	77	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	78	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.812	-4.5	74	-0.01
66 c	n-Nitrosodiphenylamine	40.000	40.263	-0.7	75	-0.01
67	4-Bromophenyl-phenylether	40.000	37.679	5.8	71	0.00
68	Hexachlorobenzene	40.000	36.926	7.7	69	0.00
69	Atrazine	40.000	35.821	10.4	69	-0.01
70 C	Pentachlorophenol	40.000	36.128	9.7	66	0.00
71	Phenanthrene	40.000	38.651	3.4	75	0.00
72	Anthracene	40.000	38.807	3.0	73	0.00
73	Carbazole	40.000	37.489	6.3	72	0.00
74	Di-n-butylphthalate	40.000	37.085	7.3	69	0.00
75 C	Fluoranthene	40.000	35.129	12.2	67	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	69	0.00
77	Benzydine	40.000	32.073	19.8	51	0.00
78	Pyrene	40.000	42.849	-7.1	67	0.00
79 S	Terphenyl-d14	80.000	84.202	-5.3	67	-0.01
80	Butylbenzylphthalate	40.000	40.760	-1.9	62	0.00
81	Benzo(a)anthracene	40.000	39.389	1.5	64	0.00
82	3,3'-Dichlorobenzidine	40.000	40.664	-1.7	64	0.00
83	Chrysene	40.000	40.255	-0.6	65	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	41.810	-4.5	64	0.00
85 c	Di-n-octyl phthalate	40.000	47.203	-18.0	74	0.00
86 I	Perylene-d12	20.000	20.000	0.0	83	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	47.654	-19.1	87	0.00
88	Benzo(b)fluoranthene	40.000	34.144	14.6	64	0.00
89	Benzo(k)fluoranthene	40.000	37.571	6.1	75	0.00
90 C	Benzo(a)pyrene	40.000	39.171	2.1	74	0.00
91	Dibenzo(a,h)anthracene	40.000	47.870	-19.7	87	-0.01
92	Benzo(g,h,i)perylene	40.000	48.426	-21.1	89	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144032.D
Acq On : 22 Oct 2025 10:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 22 10:45:47 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)

(#) = 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>ICES02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3399</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>10/27/2025</u> <u>10:27</u>
Lab File ID:	<u>BF144074.D</u>	Init. Calib. Date(s):	<u>10/24/2025</u> <u>10/24/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>10:13</u> <u>16:24</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.264	1.380		9.2	
Benzaldehyde	1.084	1.063		-1.9	
Phenol-d6	1.396	1.515		8.5	
Phenol	1.722	1.833		6.4	20.0
bis(2-Chloroethyl)ether	1.245	1.349		8.4	
2-Chlorophenol	1.245	1.332		7.0	
2-Methylphenol	0.957	1.041		8.8	
2,2-oxybis(1-Chloropropane)	2.339	2.496		6.7	
Acetophenone	0.432	0.456		5.6	
3+4-Methylphenols	1.132	1.219		7.7	
n-Nitroso-di-n-propylamine	0.903	0.952	0.050	5.4	
Nitrobenzene-d5	0.365	0.385		5.5	
Hexachloroethane	0.541	0.579		7.0	
Nitrobenzene	0.386	0.407		5.4	
Isophorone	0.638	0.683		7.1	
2-Nitrophenol	0.184	0.199		8.2	20.0
2,4-Dimethylphenol	0.273	0.309		13.2	
bis(2-Chloroethoxy)methane	0.398	0.425		6.8	
2,4-Dichlorophenol	0.317	0.336		6.0	20.0
Naphthalene	0.944	0.998		5.7	
4-Chloroaniline	0.329	0.363		10.3	
Hexachlorobutadiene	0.267	0.273		2.2	20.0
Caprolactam	0.080	0.087		8.8	
4-Chloro-3-methylphenol	0.280	0.302		7.9	20.0
2-Methylnaphthalene	0.622	0.664		6.8	
Hexachlorocyclopentadiene	0.212	0.233	0.050	9.9	
2,4,6-Trichlorophenol	0.447	0.457		2.2	20.0
2-Fluorobiphenyl	1.421	1.420		-0.1	
2,4,5-Trichlorophenol	0.469	0.499		6.4	
1,1-Biphenyl	1.432	1.433		0.1	
2-Chloronaphthalene	1.199	1.226		2.2	
2-Nitroaniline	0.356	0.384		7.9	
Dimethylphthalate	1.311	1.344		2.5	
Acenaphthylene	1.617	1.654		2.3	
2,6-Dinitrotoluene	0.259	0.282		8.9	
3-Nitroaniline	0.288	0.296		2.8	
Acenaphthene	1.080	1.105		2.3	20.0
2,4-Dinitrophenol	0.140	0.137	0.050	-2.1	
4-Nitrophenol	0.195	0.203	0.050	4.1	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ICES02
 Lab Code: ACE SDG No.: Q3399
 Instrument ID: BNA_F Calibration Date/Time: 10/27/2025 10:27
 Lab File ID: BF144074.D Init. Calib. Date(s): 10/24/2025 10/24/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:13 16:24
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.499	1.549		3.3	
2,4-Dinitrotoluene	0.350	0.367		4.9	
Diethylphthalate	1.233	1.247		1.1	
4-Chlorophenyl-phenylether	0.643	0.665		3.4	
Fluorene	1.143	1.167		2.1	
4-Nitroaniline	0.273	0.281		2.9	
4,6-Dinitro-2-methylphenol	0.128	0.134		4.7	
n-Nitrosodiphenylamine	0.639	0.685		7.2	20.0
2,4,6-Tribromophenol	0.255	0.270		5.9	
4-Bromophenyl-phenylether	0.250	0.275		10.0	
Hexachlorobenzene	0.307	0.333		8.5	
Atrazine	0.210	0.202		-3.8	
Pentachlorophenol	0.146	0.160		9.6	20.0
Phenanthrene	0.994	1.034		4.0	
Anthracene	1.026	1.032		0.6	
Carbazole	0.874	0.880		0.7	
Di-n-butylphthalate	1.071	1.039		-3.0	
Fluoranthene	1.098	1.041		-5.2	20.0
Pyrene	1.438	1.685		17.2	
Terphenyl-d14	1.144	1.306		14.2	
Butylbenzylphthalate	0.544	0.551		1.3	
3,3-Dichlorobenzidine	0.470	0.505		7.4	
Benzo (a) anthracene	1.352	1.462		8.1	
Chrysene	1.268	1.310		3.3	
Bis(2-ethylhexyl)phthalate	0.743	0.742		-0.1	
Di-n-octyl phthalate	1.277	1.328		4.0	20.0
Benzo (b) fluoranthene	1.131	1.120		-1.0	
Benzo (k) fluoranthene	1.043	1.032		-1.1	
Benzo (a) pyrene	1.014	1.060		4.5	20.0
Indeno (1,2,3-cd) pyrene	1.373	1.510		10.0	
Dibenzo (a,h) anthracene	1.087	1.187		9.2	
Benzo (g,h,i) perylene	1.093	1.200		9.8	
1,2,4,5-Tetrachlorobenzene	0.687	0.712		3.6	
1,4-Dioxane	0.546	0.545		-0.2	20.0
2,3,4,6-Tetrachlorophenol	0.330	0.362		9.7	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54596	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	204208	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	113226	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	184414	20.000	ng	0.00
76) Chrysene-d12	14.057	240	112717	20.000	ng	0.00
86) Perylene-d12	15.545	264	164562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	301448	87.355	ng	0.00
7) Phenol-d6	6.510	99	330814	86.803	ng	0.00
23) Nitrobenzene-d5	7.445	82	314127	84.277	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122439	84.893	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	642905	79.903	ng	0.00
79) Terphenyl-d14	12.998	244	588700	91.306	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	59552	39.936	ng	96
3) Pyridine	3.393	79	166522	41.712	ng	99
4) n-Nitrosodimethylamine	3.340	42	93637	38.172	ng	95
6) Aniline	6.545	93	234678	43.042	ng	96
8) 2-Chlorophenol	6.663	128	145493	42.812	ng	98
9) Benzaldehyde	6.434	77	116032	39.213	ng	99
10) Phenol	6.522	94	200102	42.559	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	147253	43.342	ng	97
12) 1,3-Dichlorobenzene	6.822	146	179182	42.743	ng	99
13) 1,4-Dichlorobenzene	6.898	146	177496	42.963	ng	99
14) 1,2-Dichlorobenzene	7.051	146	169286	42.349	ng	99
15) Benzyl Alcohol	7.022	79	136290	43.981	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	272539	42.682	ng	97
17) 2-Methylphenol	7.134	107	113631	43.474	ng	97
18) Hexachloroethane	7.392	117	63229	42.808	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	103980	42.191	ng	98
20) 3+4-Methylphenols	7.286	107	133106	43.078	ng	# 84
22) Acetophenone	7.292	105	186251	42.203	ng	93
24) Nitrobenzene	7.463	77	166205	42.153	ng	100
25) Isophorone	7.698	82	278979	42.811	ng	99
26) 2-Nitrophenol	7.781	139	81158	43.268	ng	100
27) 2,4-Dimethylphenol	7.816	122	126382	45.340	ng	95
28) bis(2-Chloroethoxy)met...	7.910	93	173620	42.723	ng	99
29) 2,4-Dichlorophenol	8.022	162	137420	42.393	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	136990	41.079	ng	97
31) Naphthalene	8.186	128	407407	42.271	ng	99
32) Benzoic acid	7.922	122	73873	41.781	ng	# 83
33) 4-Chloroaniline	8.233	127	148161	44.158	ng	97
34) Hexachlorobutadiene	8.298	225	111465	40.877	ng	97
35) Caprolactam	8.598	113	35660	43.869	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	123434	43.150	ng	96
37) 2-Methylnaphthalene	8.875	142	271332	42.699	ng	97
38) 1-Methylnaphthalene	8.975	142	259791	43.152	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	161259	41.440	ng	98
41) Hexachlorocyclopentadiene	9.028	237	52737	43.878	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	103575	40.949	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

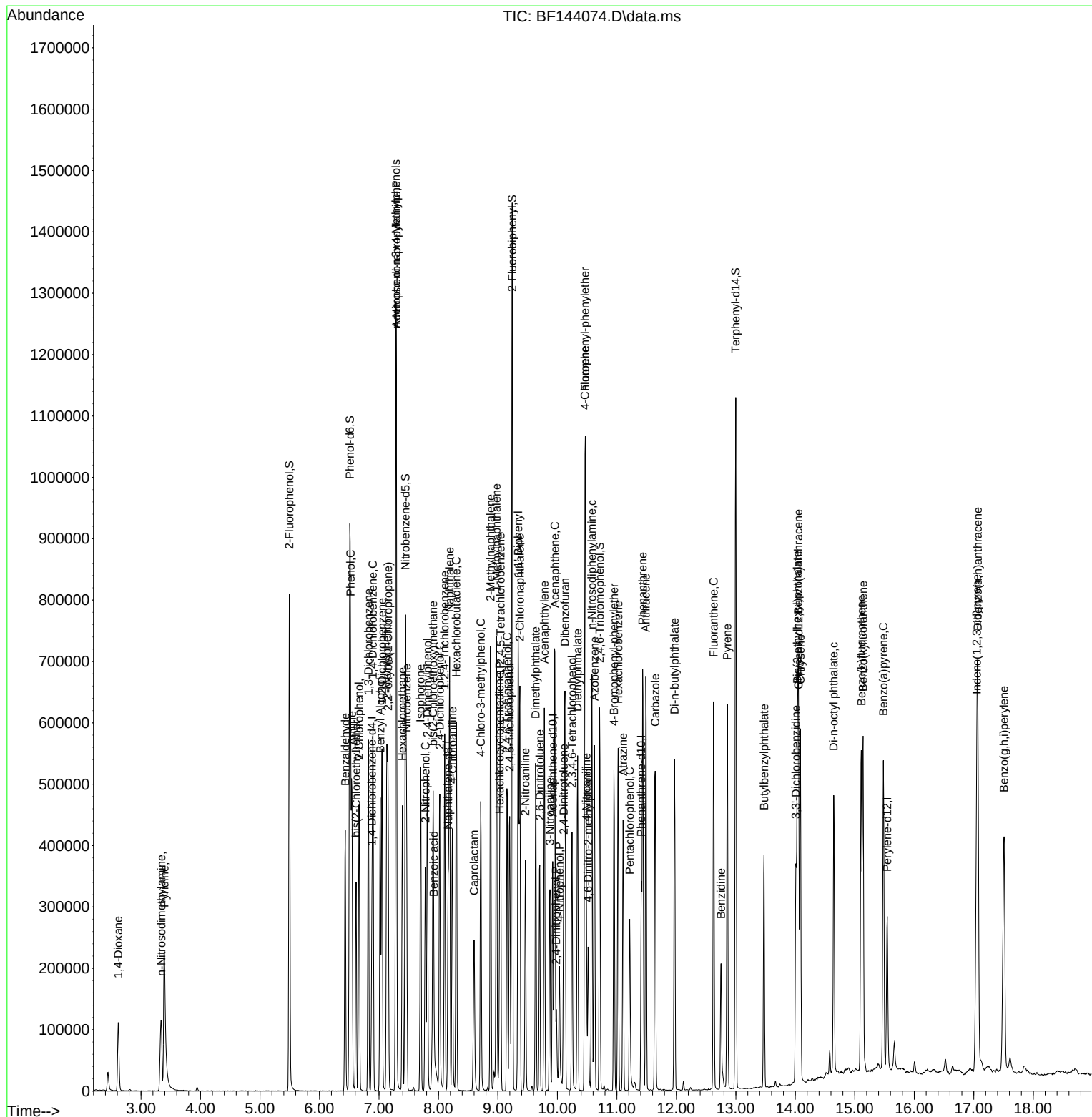
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113082	42.599	ng	95
46) 1,1'-Biphenyl	9.339	154	324424	40.027	ng	100
47) 2-Chloronaphthalene	9.369	162	277516	40.869	ng	97
48) 2-Nitroaniline	9.463	65	87054	43.173	ng	98
49) Acenaphthylene	9.780	152	374544	40.908	ng	100
50) Dimethylphthalate	9.633	163	304442	41.020	ng	100
51) 2,6-Dinitrotoluene	9.704	165	63869	43.531	ng	95
52) Acenaphthene	9.957	154	250322	40.938	ng	98
53) 3-Nitroaniline	9.875	138	66981	41.061	ng	96
54) 2,4-Dinitrophenol	9.980	184	30917	38.960	ng	99
55) Dibenzofuran	10.127	168	350742	41.318	ng	96
56) 4-Nitrophenol	10.033	139	45872	41.527	ng	93
57) 2,4-Dinitrotoluene	10.104	165	83007	41.918	ng	96
58) Fluorene	10.469	166	264329	40.866	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	81964	43.817	ng	98
60) Diethylphthalate	10.339	149	282370	40.457	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	150675	41.424	ng	98
62) 4-Nitroaniline	10.486	138	63652	41.182	ng	98
63) Azobenzene	10.622	77	267316	40.465	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	49356	41.715	ng	96
66) n-Nitrosodiphenylamine	10.580	169	252814	42.907	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	101473	43.947	ng	98
68) Hexachlorobenzene	11.022	284	123002	43.436	ng	97
69) Atrazine	11.104	200	74391	38.475	ng	99
70) Pentachlorophenol	11.216	266	59017	43.784	ng	96
71) Phenanthrene	11.433	178	381184	41.610	ng	98
72) Anthracene	11.486	178	380792	40.239	ng	98
73) Carbazole	11.645	167	324513	40.288	ng	99
74) Di-n-butylphthalate	11.969	149	383099	38.793	ng	99
75) Fluoranthene	12.627	202	383968	37.938	ng	100
77) Benzidine	12.751	184	145430	41.457	ng	100
78) Pyrene	12.857	202	379834	46.872	ng	99
80) Butylbenzylphthalate	13.474	149	124111	40.484	ng	98
81) Benzo(a)anthracene	14.051	228	329626	43.272	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	113938	42.969	ng	100
83) Chrysene	14.086	228	295359	41.319	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	167373	39.991	ng	99
85) Di-n-octyl phthalate	14.645	149	299304	41.585	ng	# 97
87) Indeno(1,2,3-cd)pyrene	17.051	276	496906	43.981	ng	100
88) Benzo(b)fluoranthene	15.110	252	368610	39.622	ng	99
89) Benzo(k)fluoranthene	15.139	252	339785	39.586	ng	99
90) Benzo(a)pyrene	15.480	252	348799	41.791	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	390777	43.695	ng	99
92) Benzo(g,h,i)perylene	17.509	276	394850	43.914	ng	99

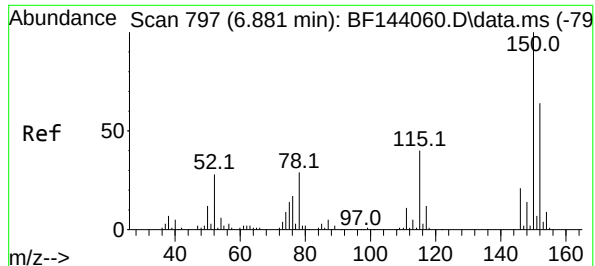
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144074.D  
Acq On    : 27 Oct 2025  10:27  
Operator  : RC/JU  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

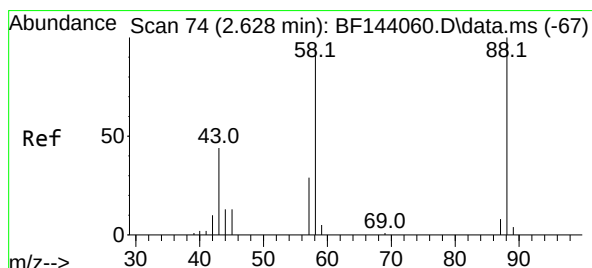
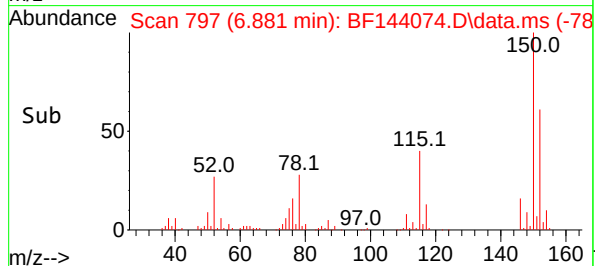
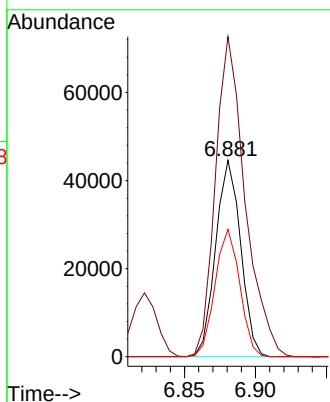
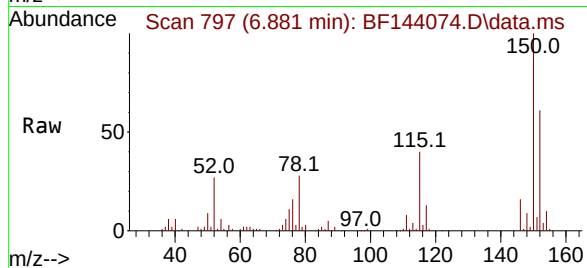




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

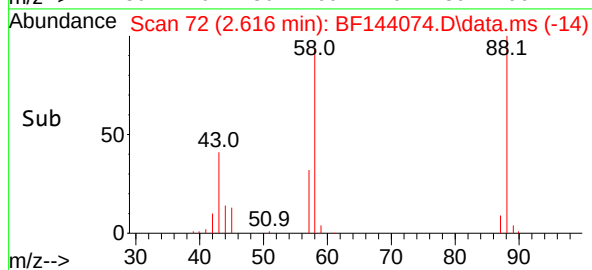
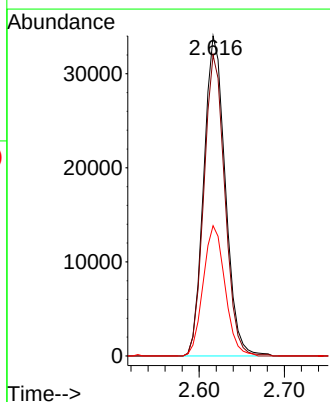
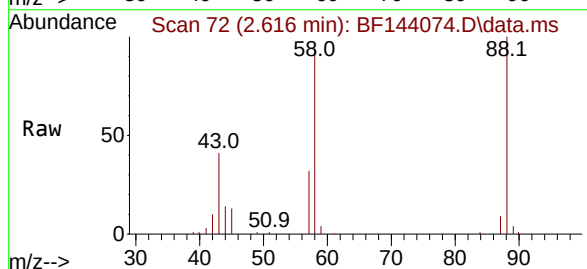
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

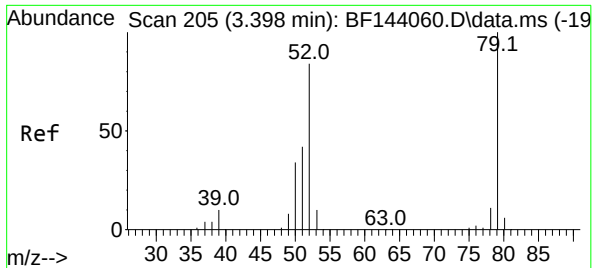
Tgt Ion:152 Resp: 54596
Ion Ratio Lower Upper
152 100
150 163.1 124.4 186.6
115 64.9 49.4 74.0



#2
1,4-Dioxane
Concen: 39.936 ng
RT: 2.616 min Scan# 72
Delta R.T. -0.012 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 88 Resp: 59552
Ion Ratio Lower Upper
88 100
58 91.7 76.5 114.7
43 41.3 35.3 52.9

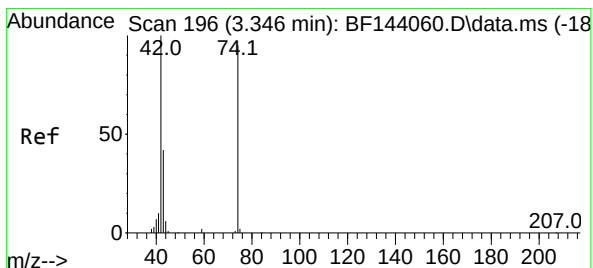
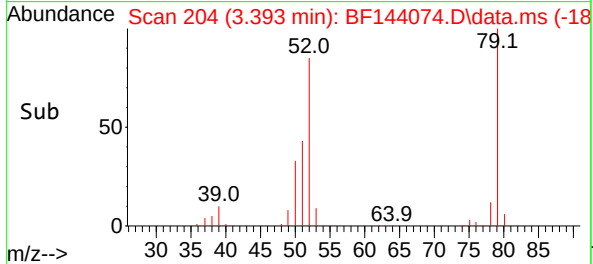
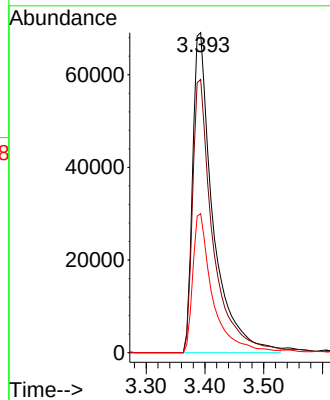
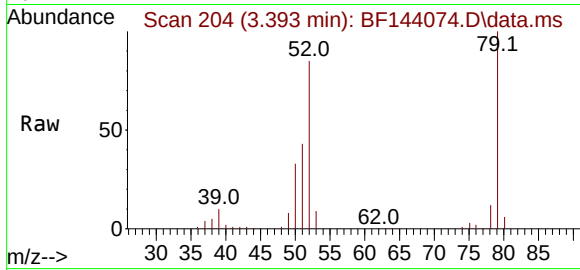




#3
Pyridine
Concen: 41.712 ng
RT: 3.393 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

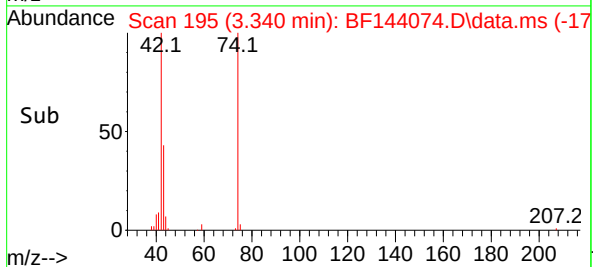
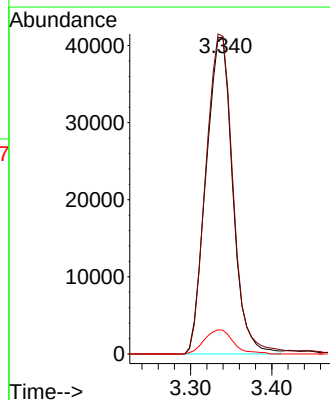
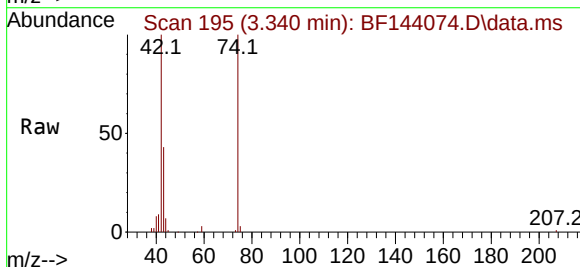
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

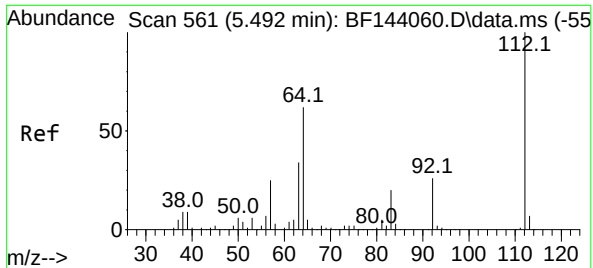
Tgt Ion: 79 Resp: 166522
Ion Ratio Lower Upper
79 100
52 85.4 67.5 101.3
51 43.5 33.6 50.4



#4
n-Nitrosodimethylamine
Concen: 38.172 ng
RT: 3.340 min Scan# 195
Delta R.T. -0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 42 Resp: 93637
Ion Ratio Lower Upper
42 100
74 100.3 76.4 114.6
44 7.5 5.2 7.8

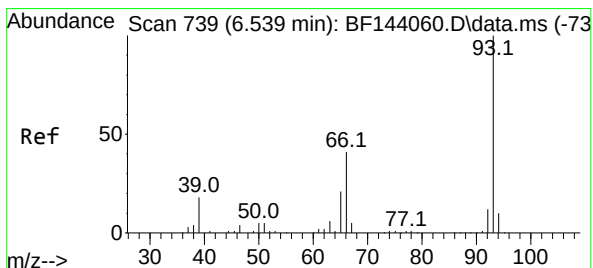
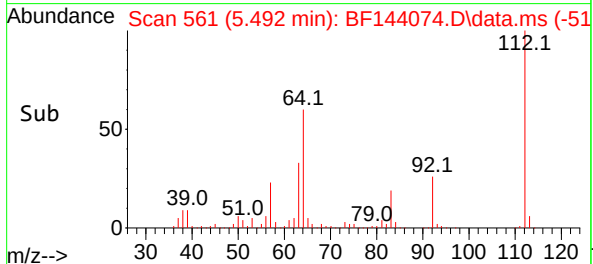
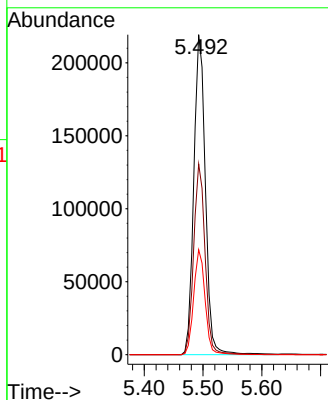
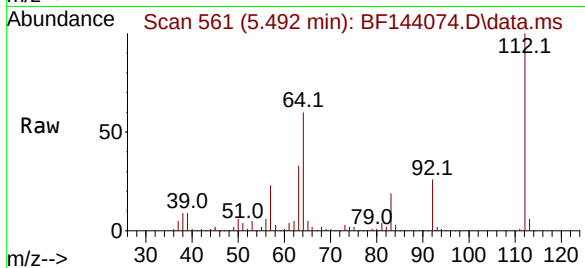




#5
2-Fluorophenol
Concen: 87.355 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

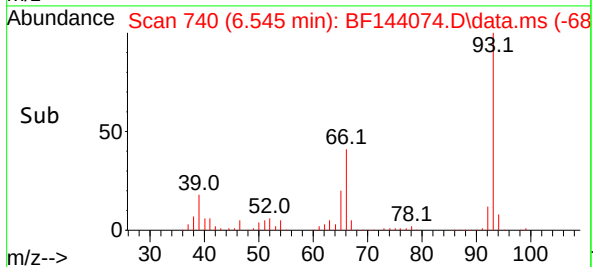
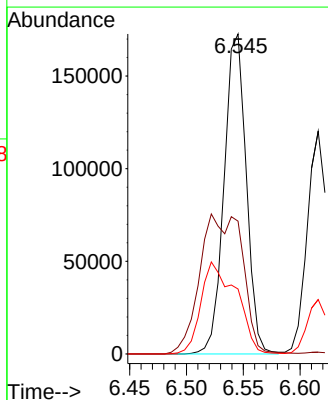
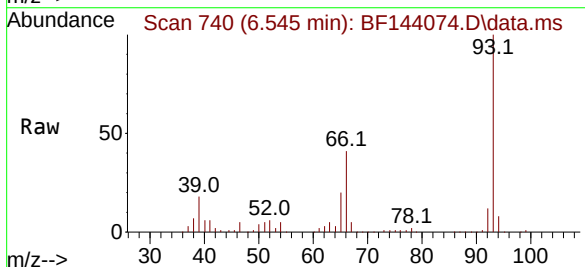
Instrument :
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ClientSampleId :
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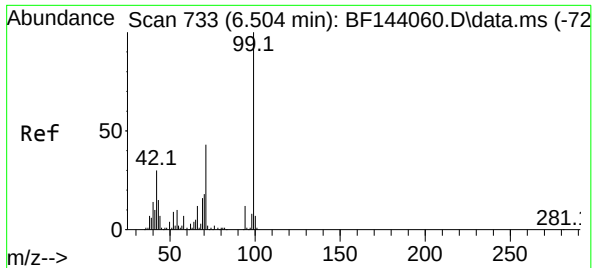
Tgt Ion:112 Resp: 301448
Ion Ratio Lower Upper
112 100
64 59.6 49.8 74.8
63 32.8 27.4 41.2



#6
Aniline
Concen: 43.042 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 93 Resp: 234678
Ion Ratio Lower Upper
93 100
66 41.5 35.7 53.5
65 20.3 17.0 25.6

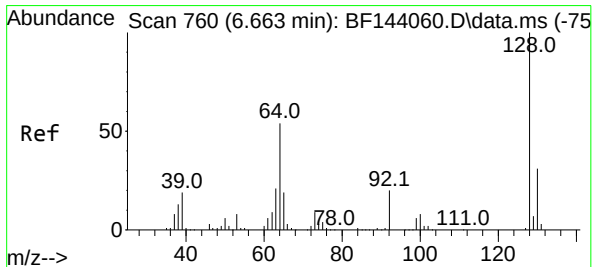
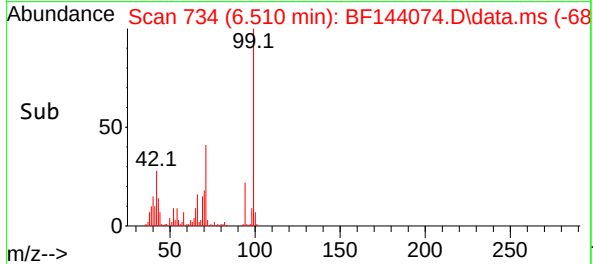
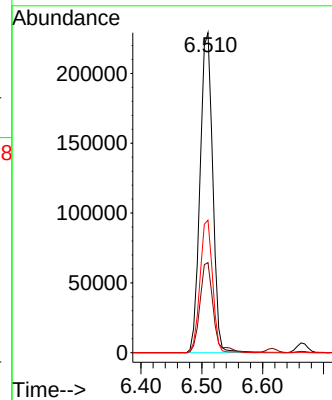
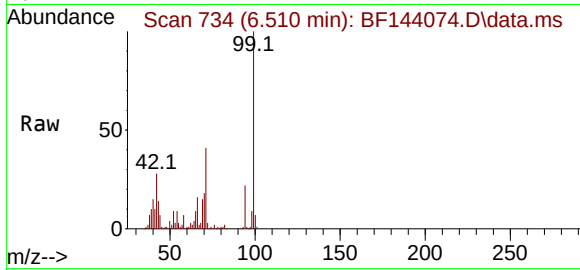




#7
Phenol-d6
Concen: 86.803 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

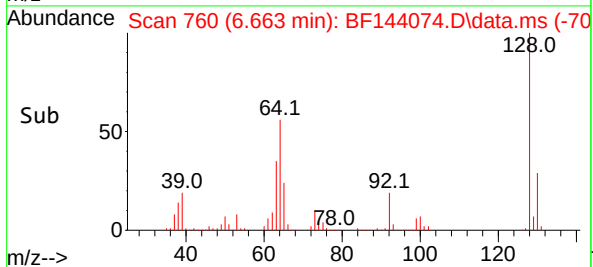
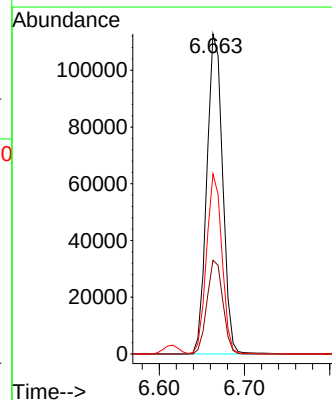
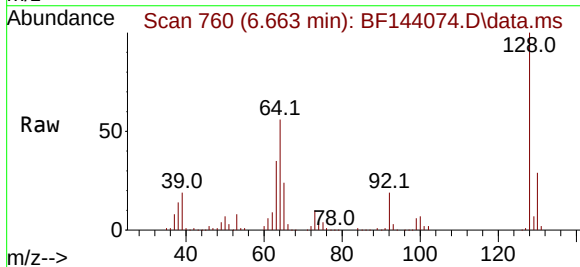
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

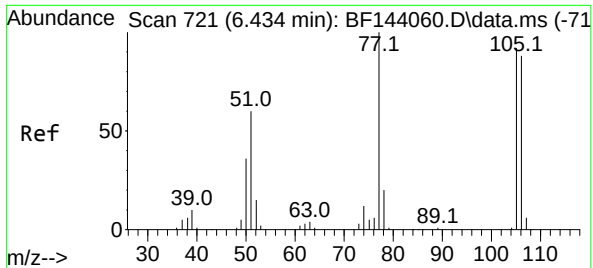
Tgt Ion: 99 Resp: 330814
Ion Ratio Lower Upper
99 100
42 28.2 23.9 35.9
71 41.4 34.4 51.6



#8
2-Chlorophenol
Concen: 42.812 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 128 Resp: 145493
Ion Ratio Lower Upper
128 100
130 29.3 10.7 50.7
64 56.3 34.7 74.7

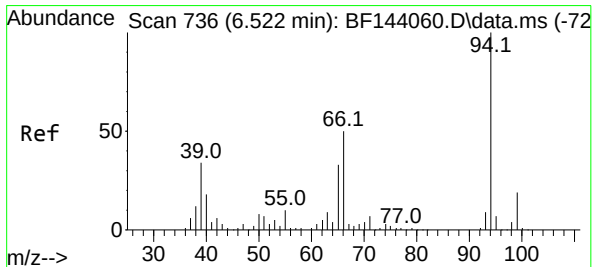
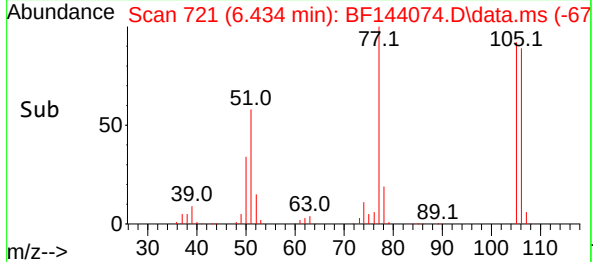
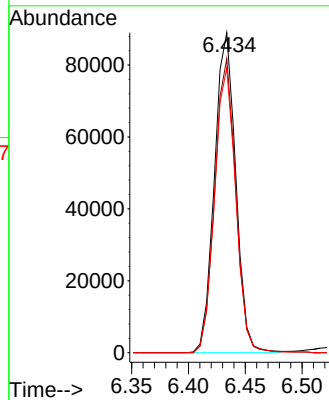
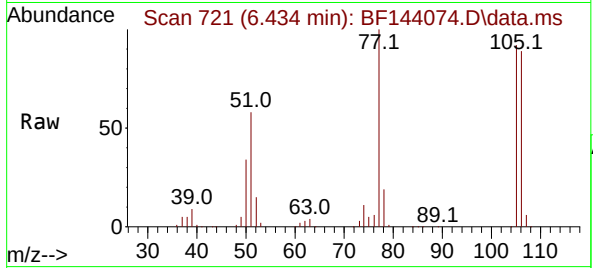




#9
Benzaldehyde
Concen: 39.213 ng
RT: 6.434 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

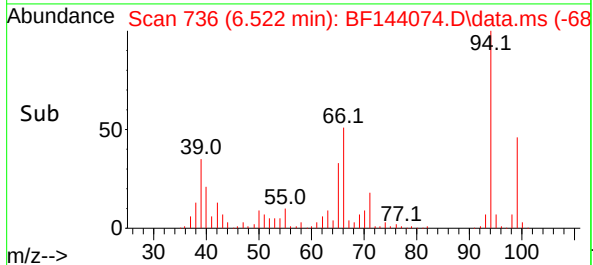
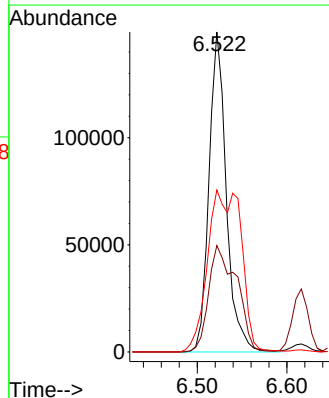
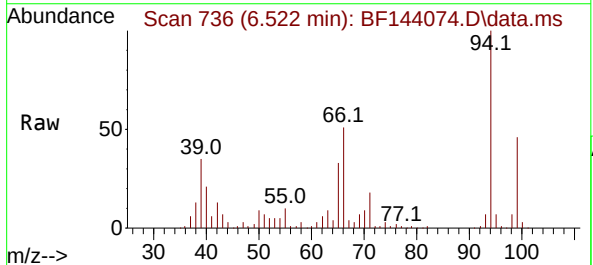
Instrument :
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ClientSampleId :
SSTDCCC040

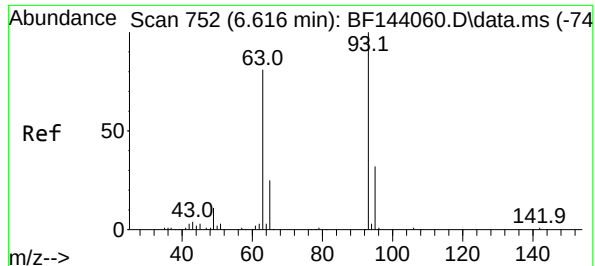
Tgt Ion: 77 Resp: 116032
Ion Ratio Lower Upper
77 100
105 91.9 72.2 112.2
106 88.9 67.9 107.9



#10
Phenol
Concen: 42.559 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 94 Resp: 200102
Ion Ratio Lower Upper
94 100
65 33.3 13.1 53.1
66 50.6 30.6 70.6

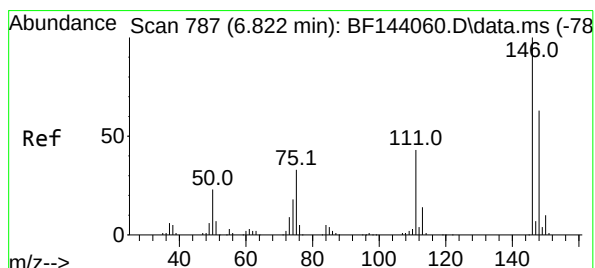
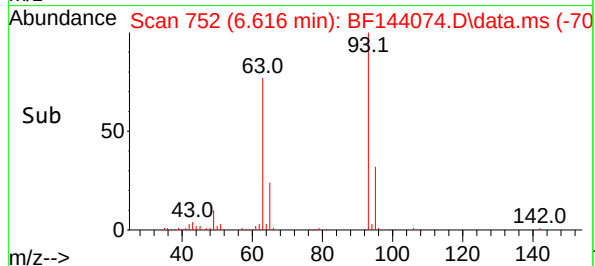
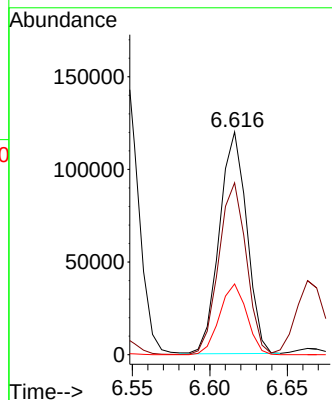
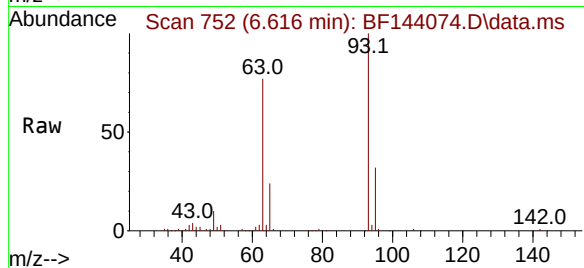




#11
bis(2-Chloroethyl)ether
Concen: 43.342 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

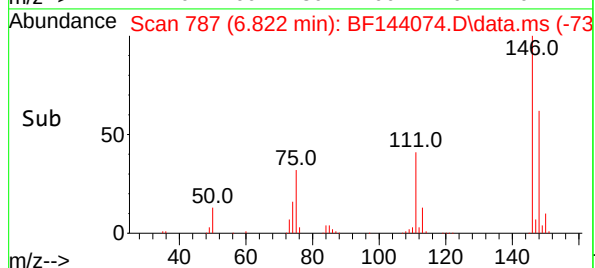
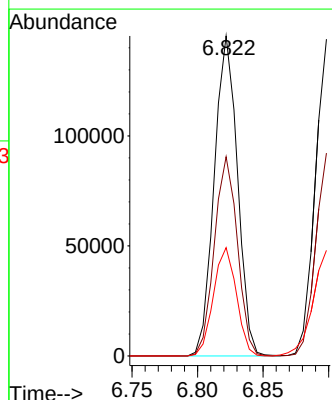
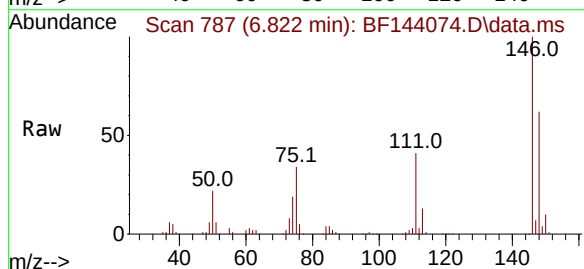
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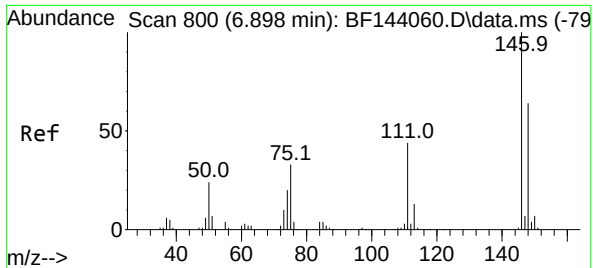
Tgt Ion: 93 Resp: 147253
Ion Ratio Lower Upper
93 100
63 77.2 60.2 100.2
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.743 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 146 Resp: 179182
Ion Ratio Lower Upper
146 100
148 62.2 50.6 75.8
75 33.8 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 42.963 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

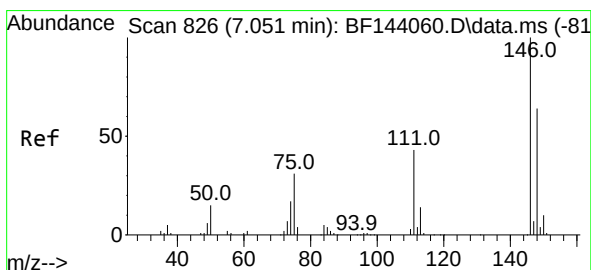
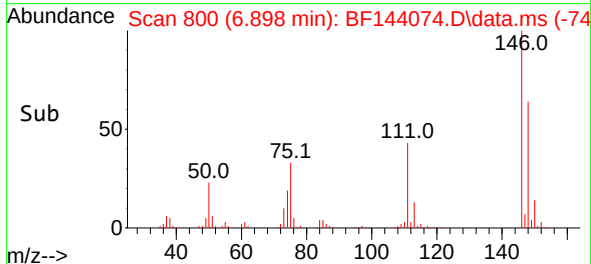
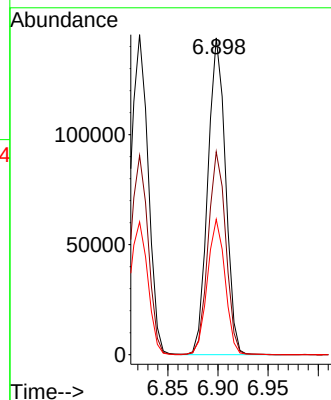
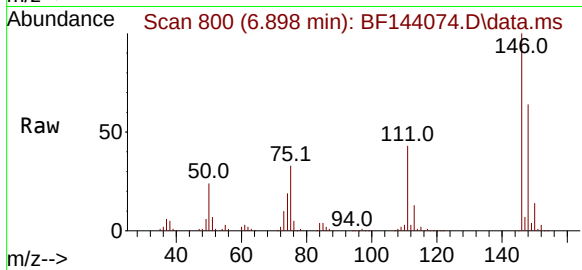
Tgt Ion:146 Resp: 177496

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 42.7 35.0 52.6



#14

1,2-Dichlorobenzene

Concen: 42.349 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

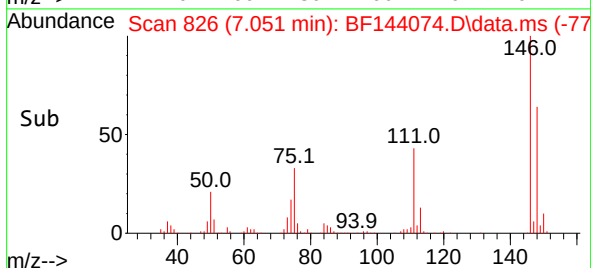
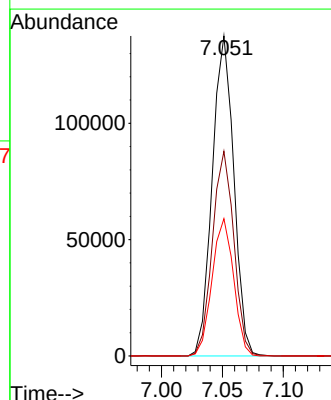
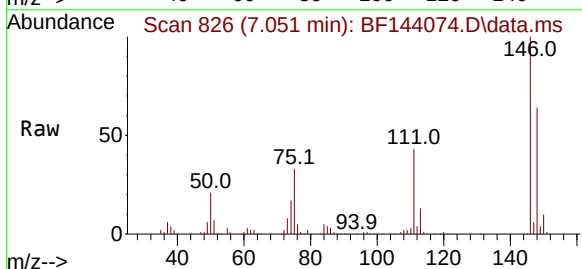
Tgt Ion:146 Resp: 169286

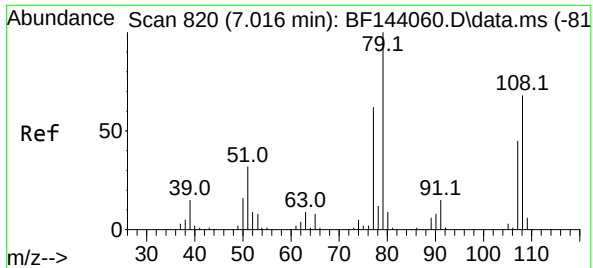
Ion Ratio Lower Upper

146 100

148 64.0 50.8 76.2

111 42.9 34.7 52.1

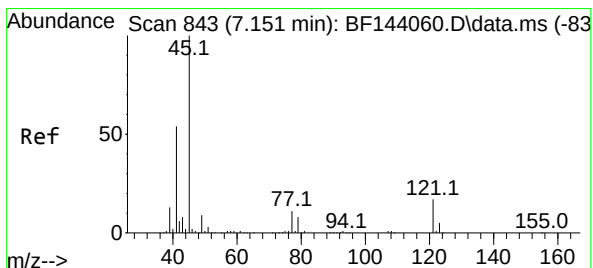
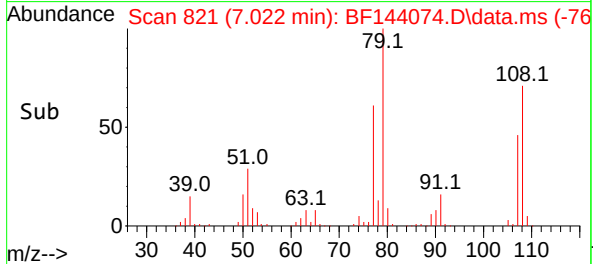
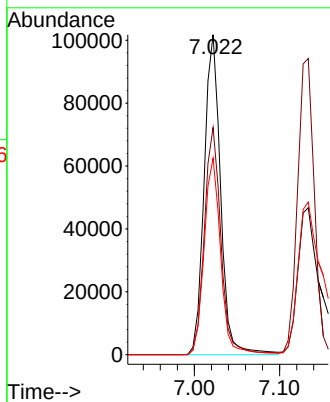
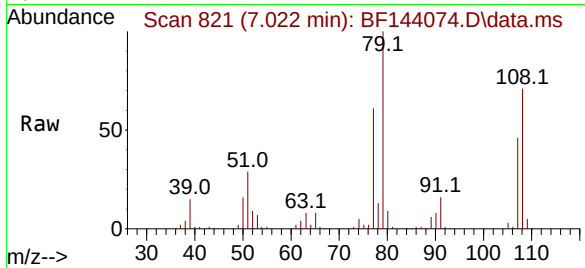




#15
Benzyl Alcohol
Concen: 43.981 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

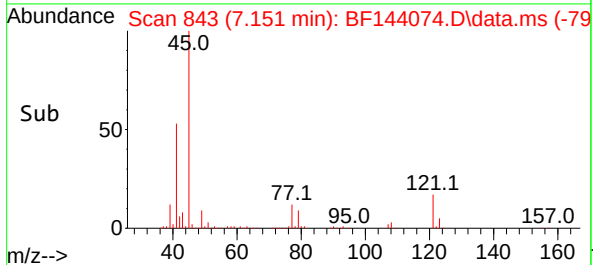
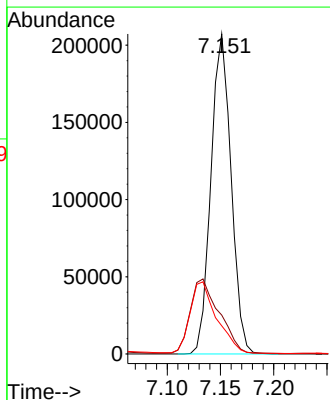
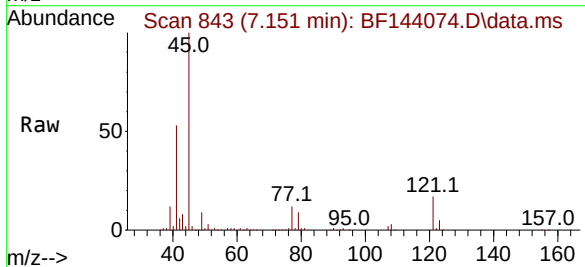
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

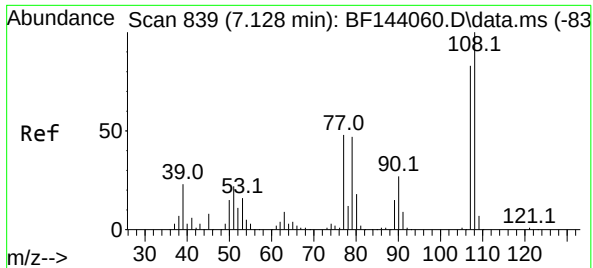
Tgt Ion: 79 Resp: 136290
Ion Ratio Lower Upper
79 100
108 71.0 54.8 82.2
77 61.4 49.4 74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.682 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 45 Resp: 272539
Ion Ratio Lower Upper
45 100
77 12.1 0.0 30.9
79 8.8 0.0 28.2

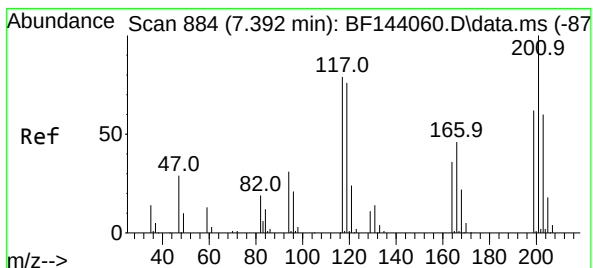
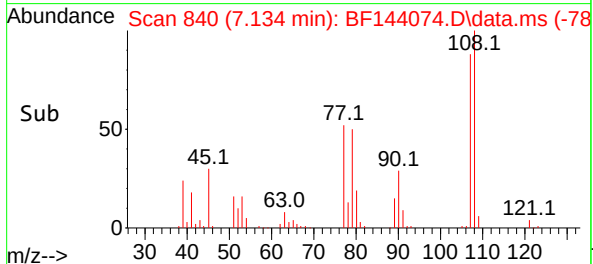
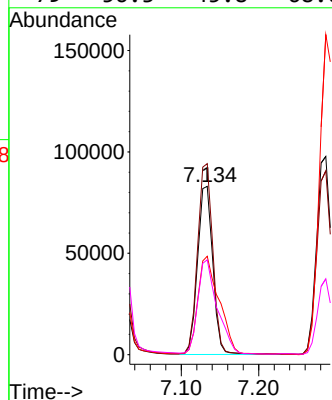
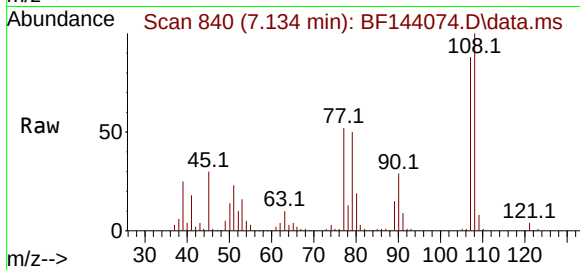




#17
2-Methylphenol
Concen: 43.474 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

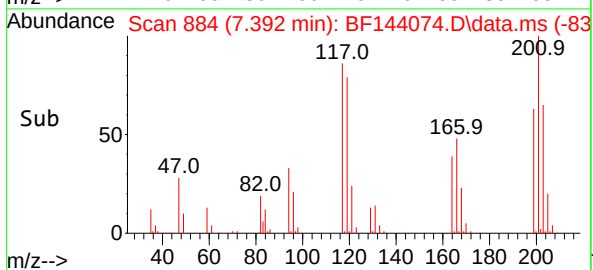
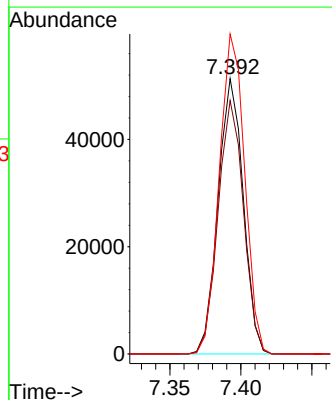
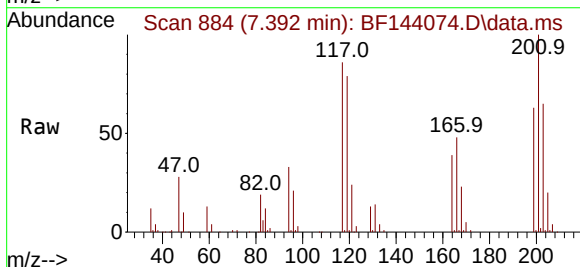
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

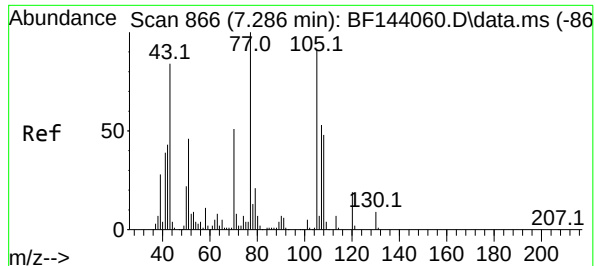
Tgt Ion:107 Resp: 113631
Ion Ratio Lower Upper
107 100
108 113.5 96.4 144.6
77 58.5 46.8 70.2
79 56.3 45.8 68.6



#18
Hexachloroethane
Concen: 42.808 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:117 Resp: 63229
Ion Ratio Lower Upper
117 100
119 92.0 76.6 115.0
201 116.2 100.9 151.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.191 ng

RT: 7.292 min Scan# 8

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 103980

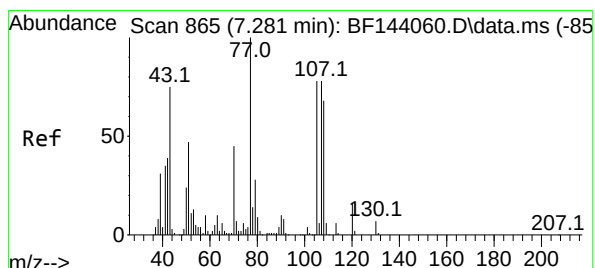
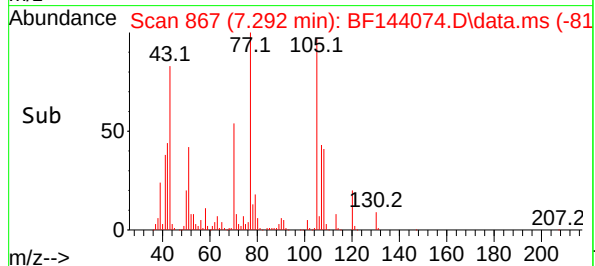
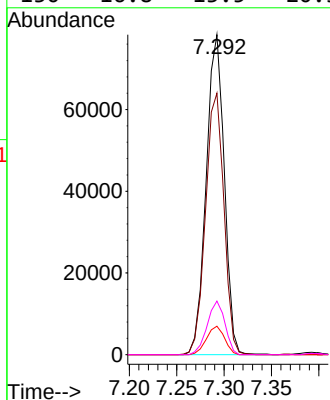
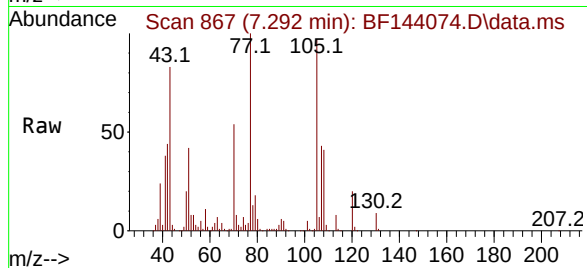
Ion Ratio Lower Upper

70 100

42 81.7 67.4 101.0

101 8.9 7.1 10.7

130 16.8 13.5 20.3



#20

3+4-Methylphenols

Concen: 43.078 ng

RT: 7.286 min Scan# 866

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Tgt Ion: 107 Resp: 133106

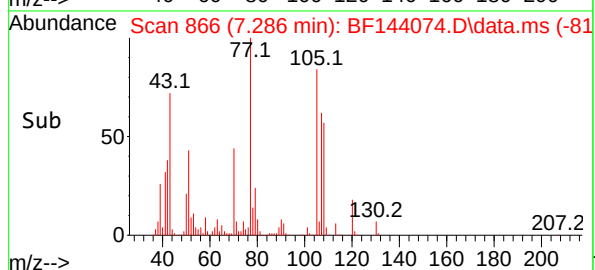
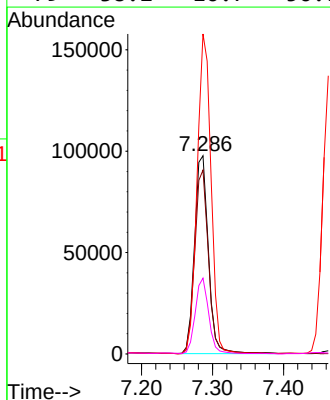
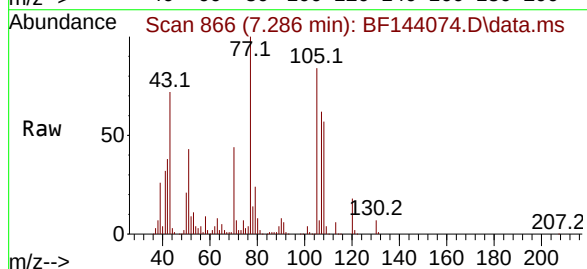
Ion Ratio Lower Upper

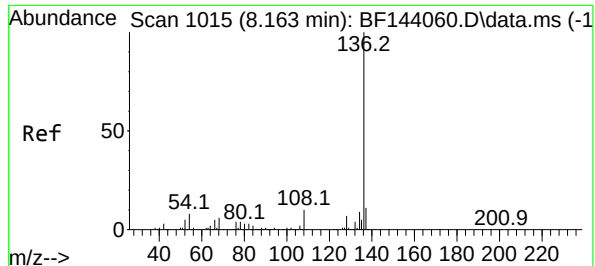
107 100

108 92.8 68.0 108.0

77 161.4 108.7 148.7#

79 38.2 16.7 56.7

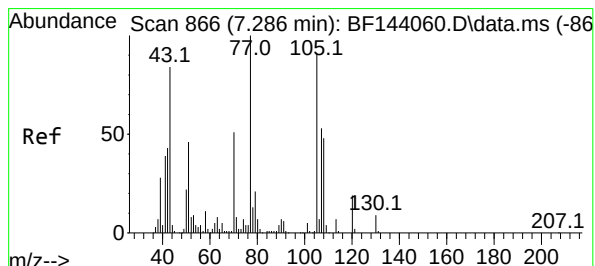
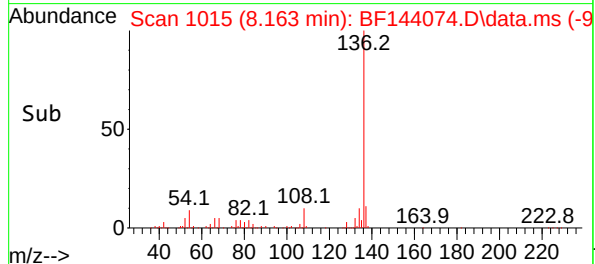
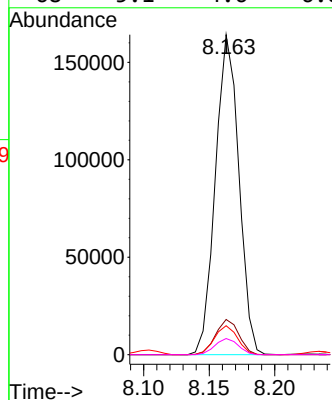
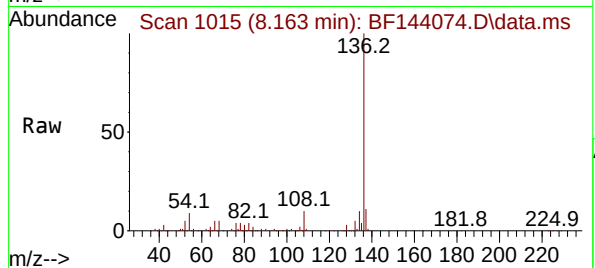




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

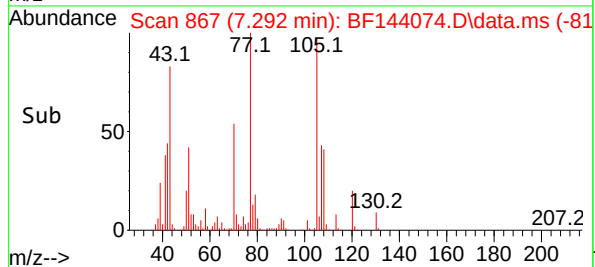
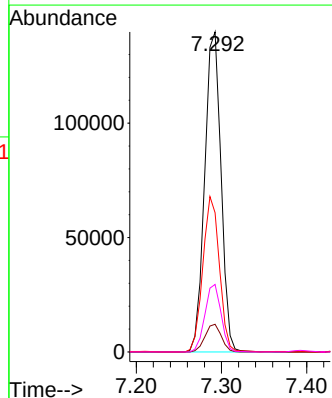
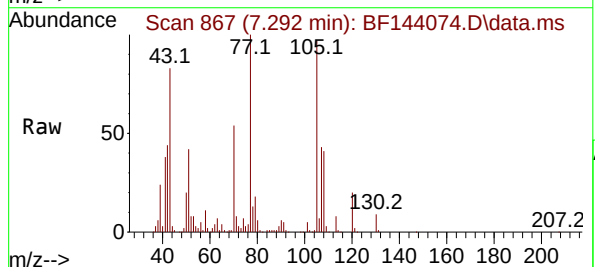
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

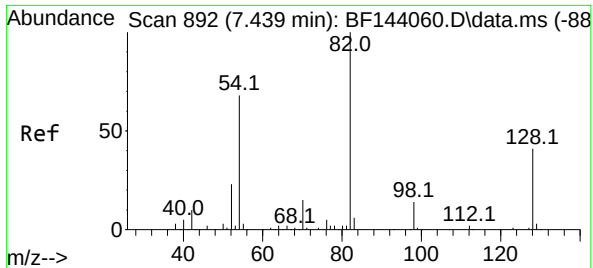
Tgt Ion:136 Resp: 204208
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.1 6.6 9.8
68 5.1 4.6 6.8



#22
Acetophenone
Concen: 42.203 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:105 Resp: 186251
Ion Ratio Lower Upper
105 100
71 8.7 6.9 10.3
51 43.5 40.6 60.8
120 21.1 16.8 25.2





#23

Nitrobenzene-d5

Concen: 84.277 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

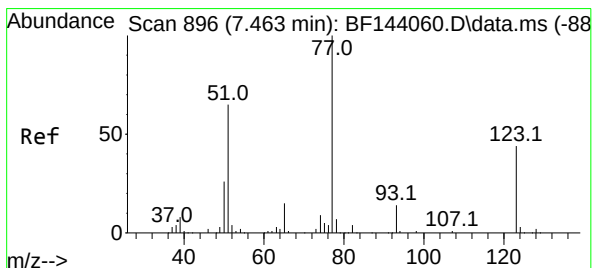
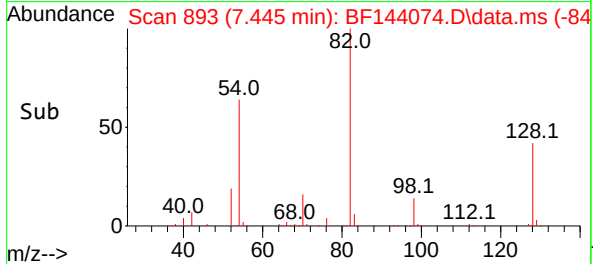
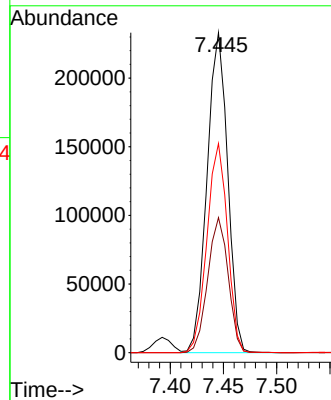
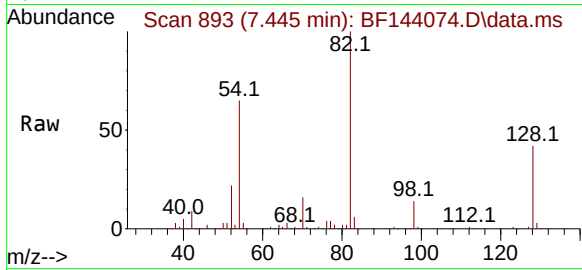
Tgt Ion: 82 Resp: 314127

Ion Ratio Lower Upper

82 100

128 42.2 32.4 48.6

54 65.3 54.0 81.0



#24

Nitrobenzene

Concen: 42.153 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

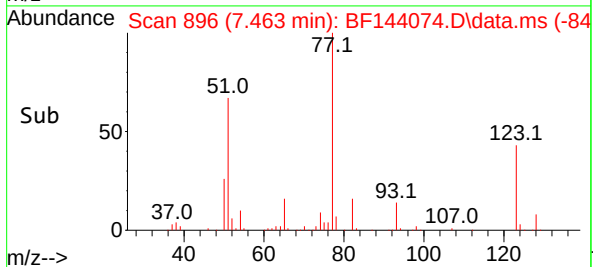
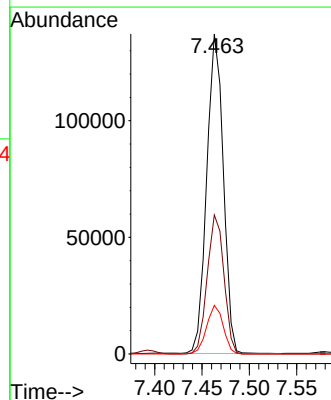
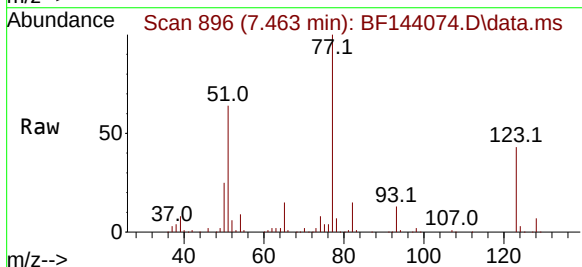
Tgt Ion: 77 Resp: 166205

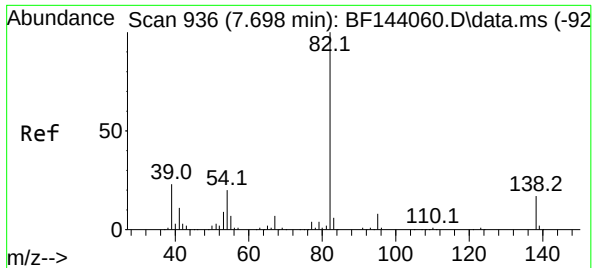
Ion Ratio Lower Upper

77 100

123 43.4 35.0 52.6

65 15.2 12.2 18.2

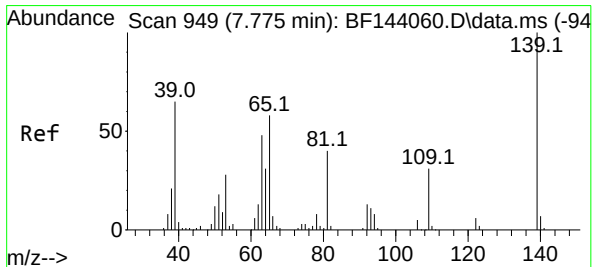
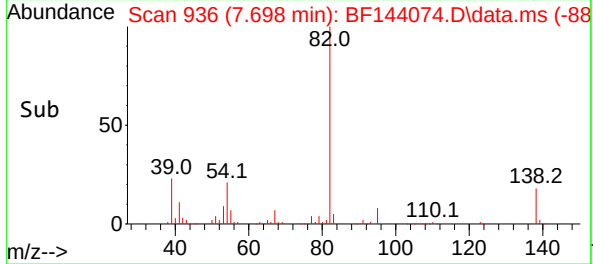
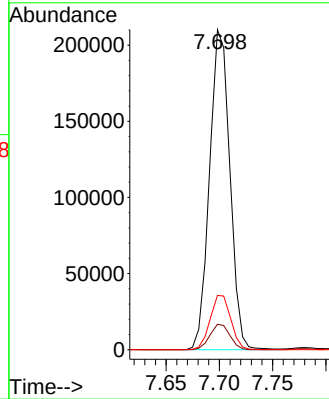
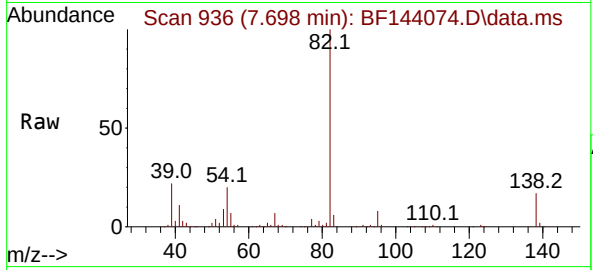




#25
Isophorone
Concen: 42.811 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

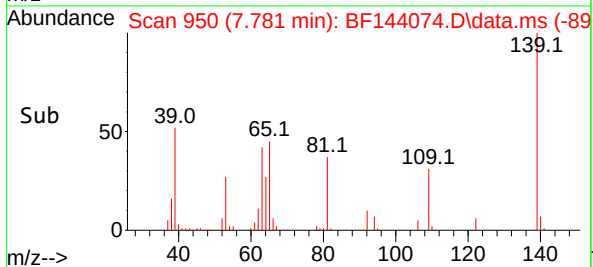
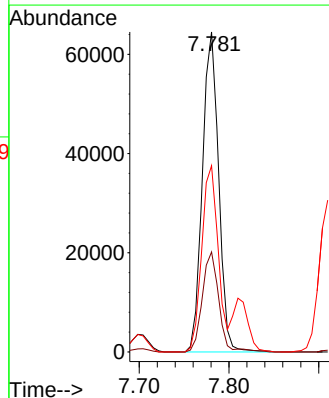
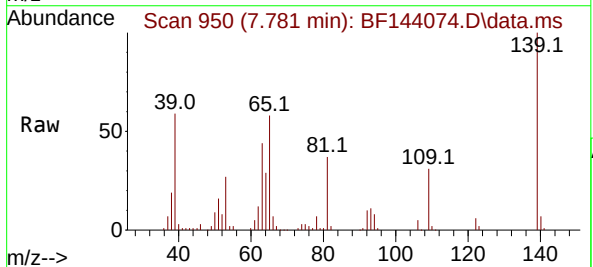
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

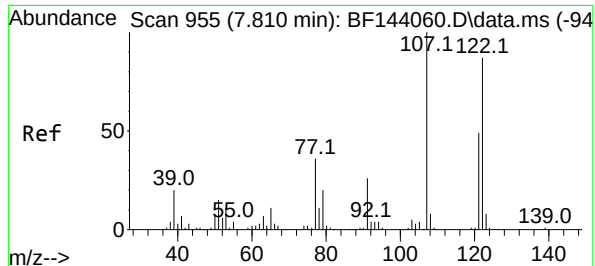
Tgt Ion: 82 Resp: 278979
Ion Ratio Lower Upper
82 100
95 8.0 6.6 9.8
138 16.9 13.8 20.8



#26
2-Nitrophenol
Concen: 43.268 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion: 139 Resp: 81158
Ion Ratio Lower Upper
139 100
109 31.2 24.6 37.0
65 58.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 45.340 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

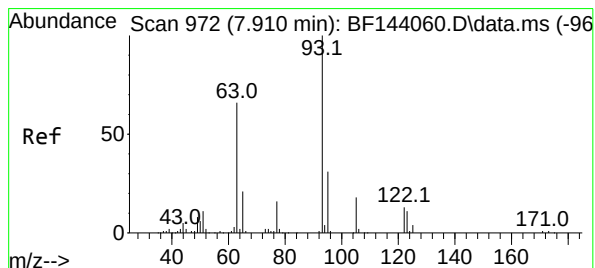
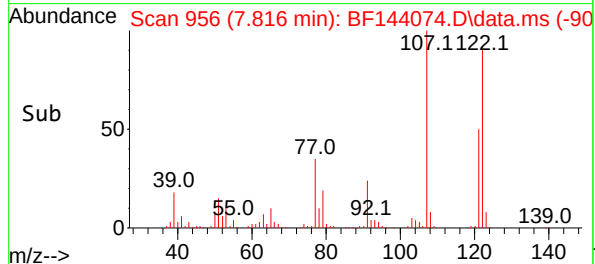
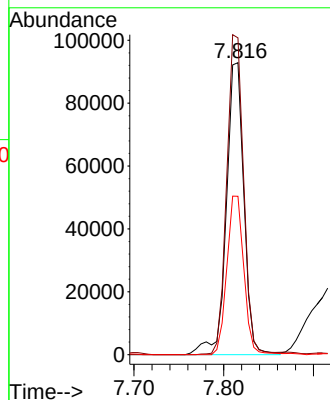
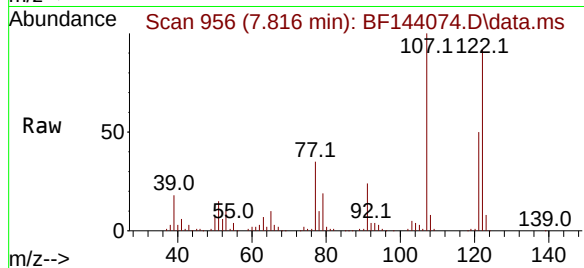
Tgt Ion:122 Resp: 126382

Ion Ratio Lower Upper

122 100

107 108.5 91.8 137.8

121 54.2 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.723 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

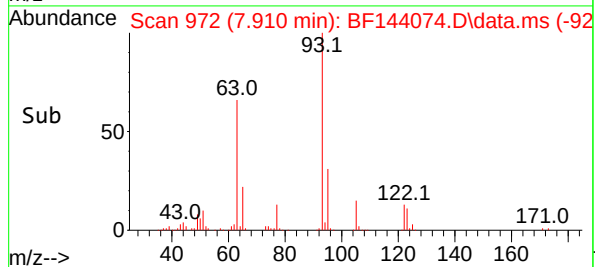
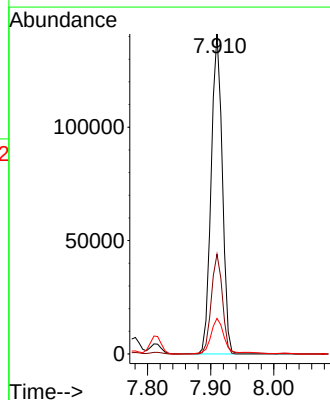
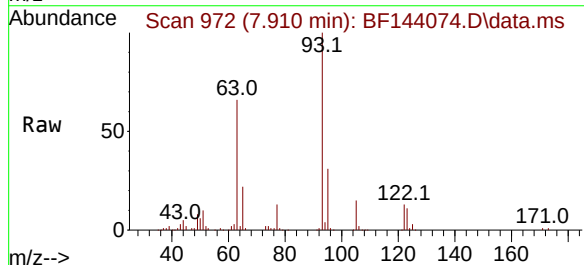
Tgt Ion: 93 Resp: 173620

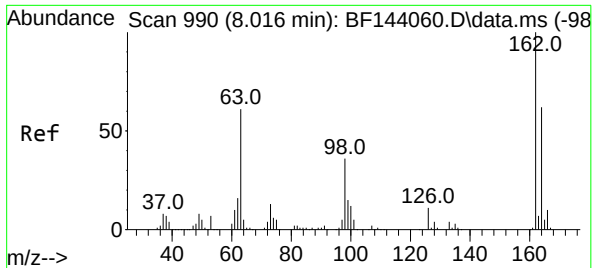
Ion Ratio Lower Upper

93 100

95 31.2 24.6 36.8

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.393 ng

RT: 8.022 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

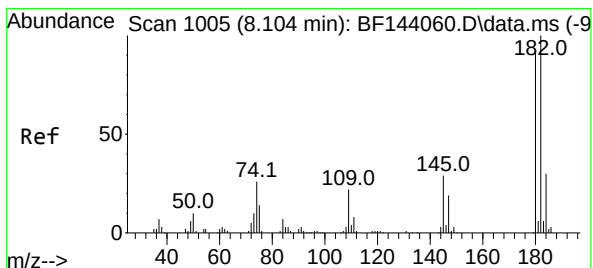
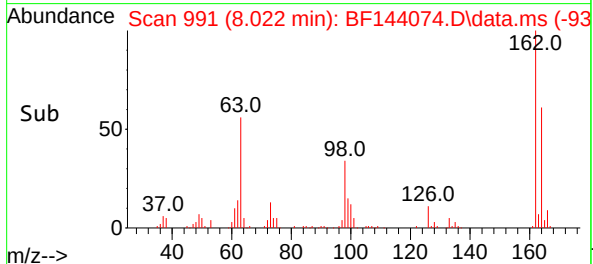
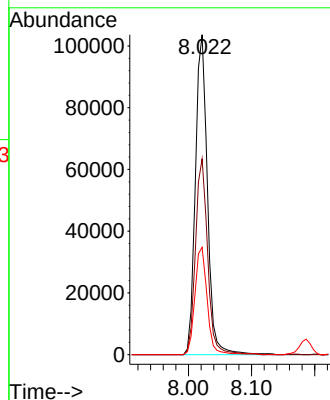
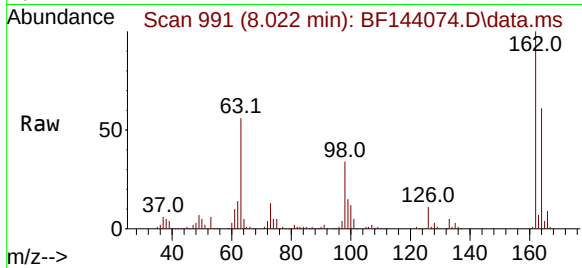
Tgt Ion:162 Resp: 137420

Ion Ratio Lower Upper

162 100

164 61.2 42.1 82.1

98 33.5 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 41.079 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

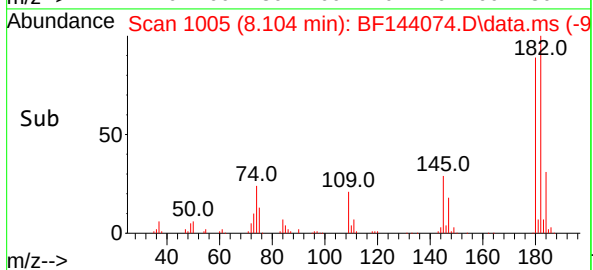
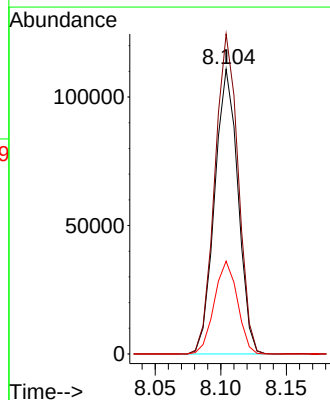
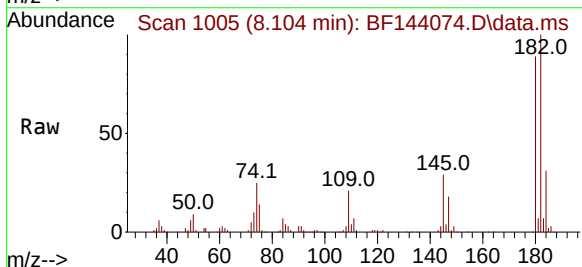
Tgt Ion:180 Resp: 136990

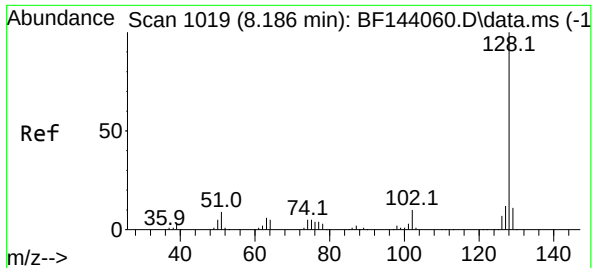
Ion Ratio Lower Upper

180 100

182 112.3 87.1 130.7

145 32.6 25.3 37.9





#31

Naphthalene

Concen: 42.271 ng

RT: 8.186 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

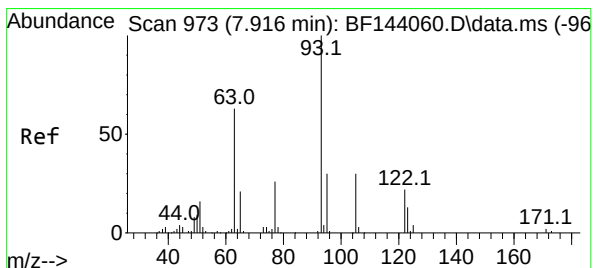
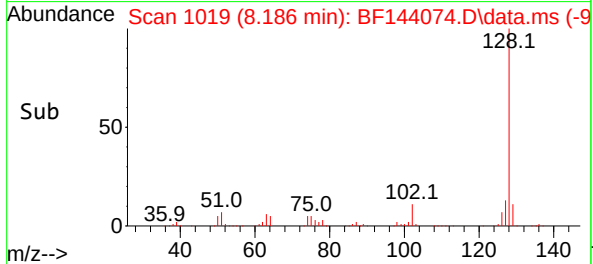
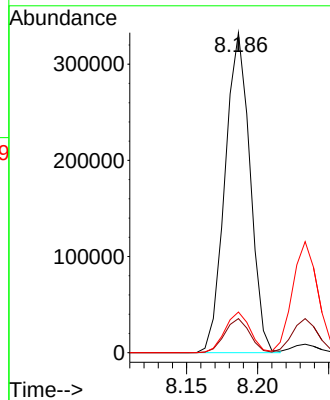
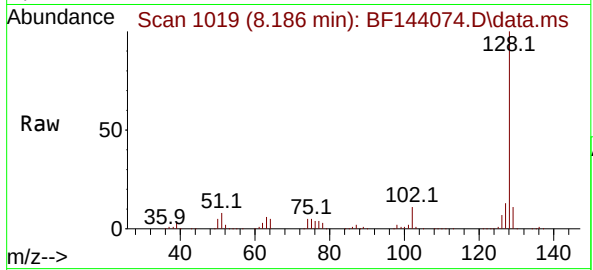
Tgt Ion:128 Resp: 407407

Ion Ratio Lower Upper

128 100

129 10.6 8.4 12.6

127 12.7 9.9 14.9



#32

Benzoic acid

Concen: 41.781 ng

RT: 7.922 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

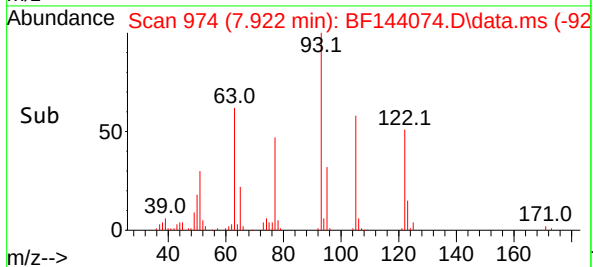
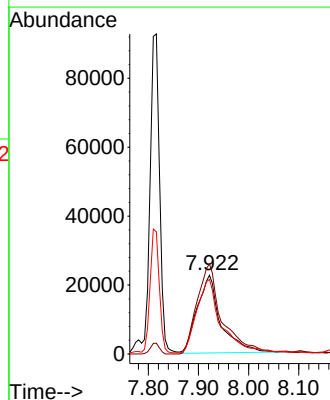
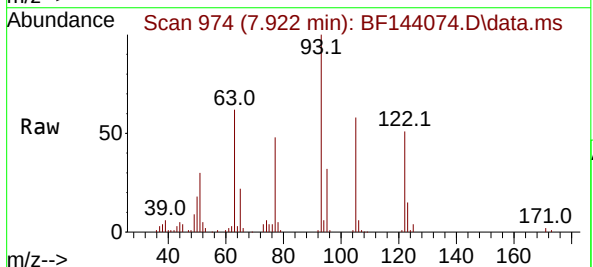
Tgt Ion:122 Resp: 73873

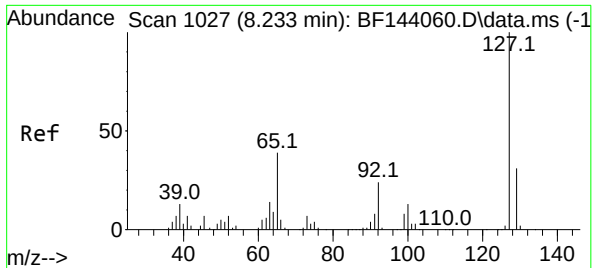
Ion Ratio Lower Upper

122 100

105 114.4 111.3 151.3

77 94.7 96.7 136.7#

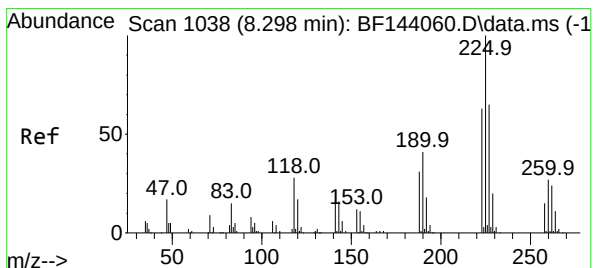
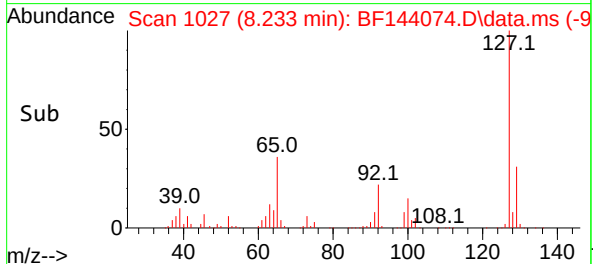
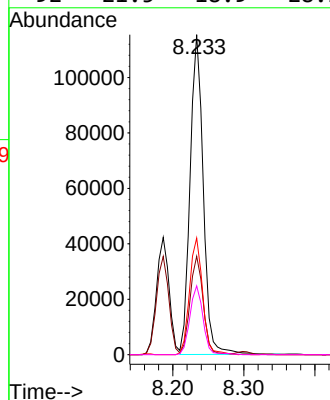
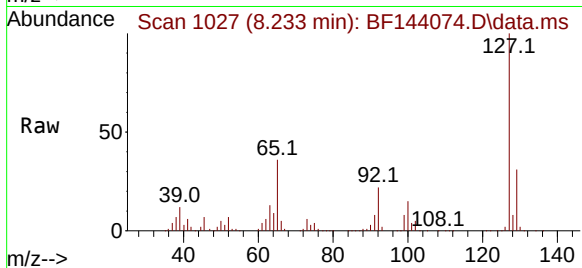




#33
4-Chloroaniline
Concen: 44.158 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

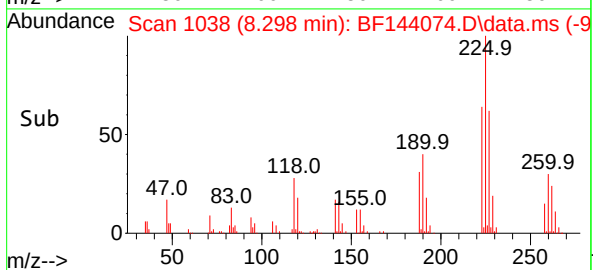
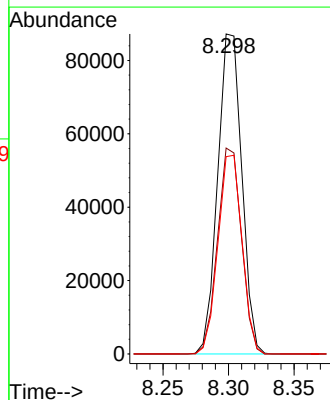
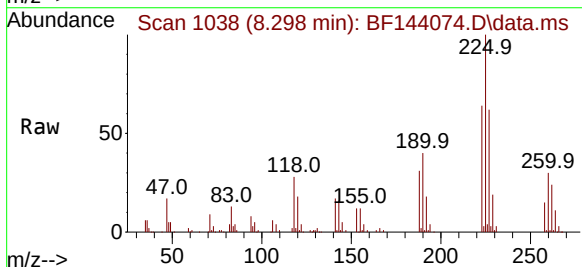
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

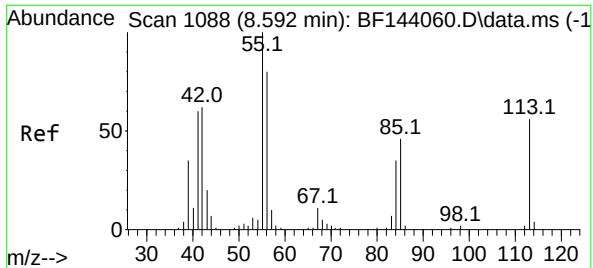
Tgt Ion:127	Resp: 148161
Ion Ratio	Lower Upper
127 100	
129 30.8	25.6 38.4
65 36.5	30.9 46.3
92 21.5	18.9 28.3



#34
Hexachlorobutadiene
Concen: 40.877 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:225	Resp: 111465
Ion Ratio	Lower Upper
225 100	
223 64.4	50.6 76.0
227 61.7	51.8 77.8

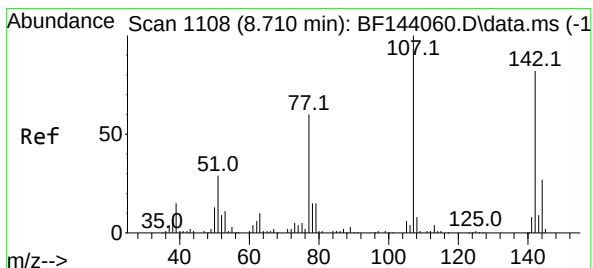
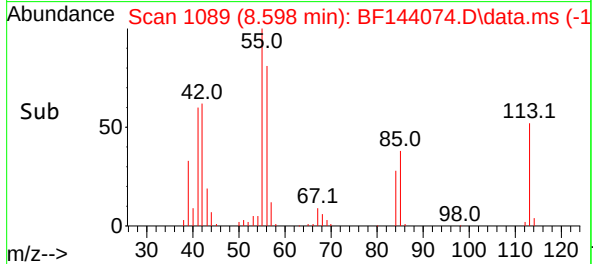
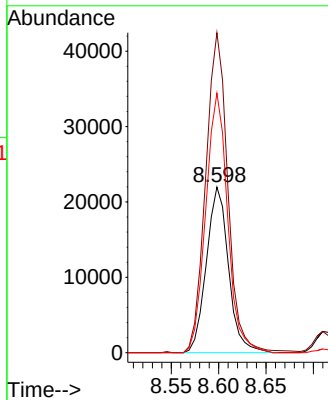
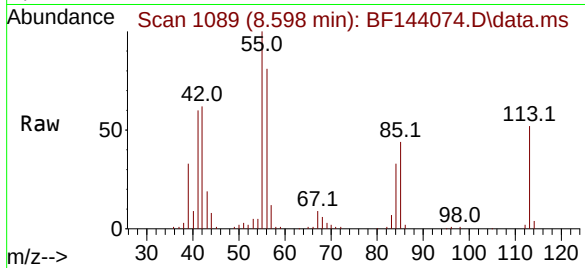




#35
Caprolactam
Concen: 43.869 ng
RT: 8.598 min Scan# 1089
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

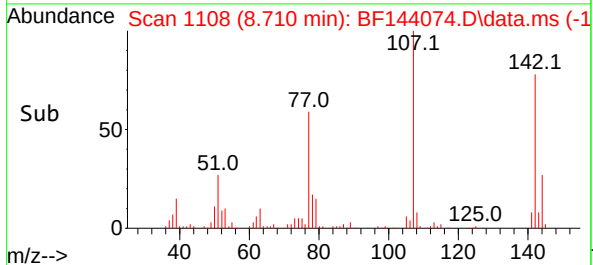
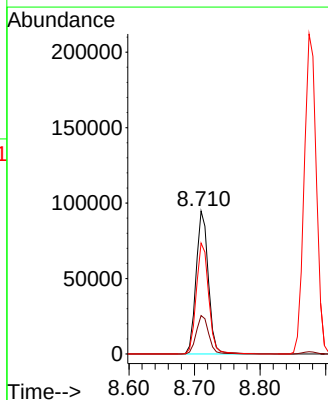
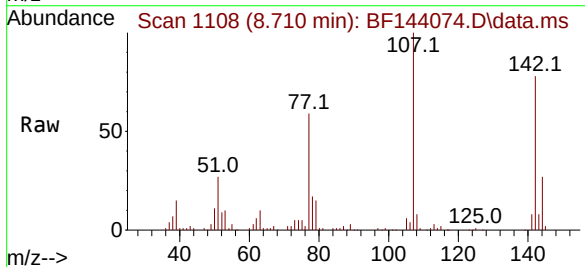
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

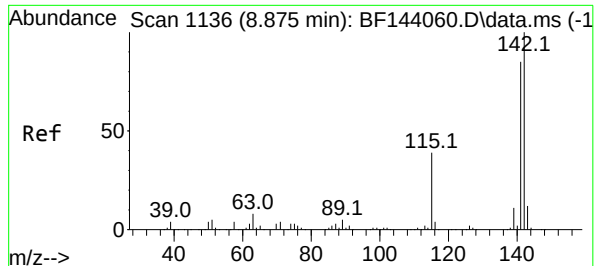
Tgt Ion:113 Resp: 35660
Ion Ratio Lower Upper
113 100
55 193.2 160.1 200.1
56 156.7 124.9 164.9



#36
4-Chloro-3-methylphenol
Concen: 43.150 ng
RT: 8.710 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:107 Resp: 123434
Ion Ratio Lower Upper
107 100
144 26.8 21.6 32.4
142 77.5 65.4 98.0





#37

2-Methylnaphthalene

Concen: 42.699 ng

RT: 8.875 min Scan# 1136

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

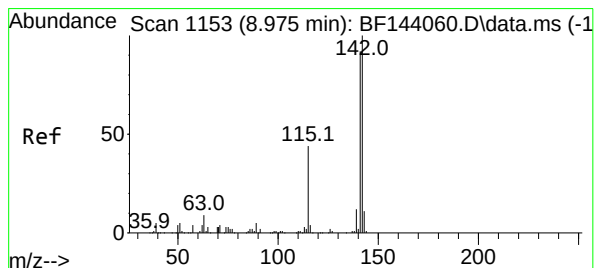
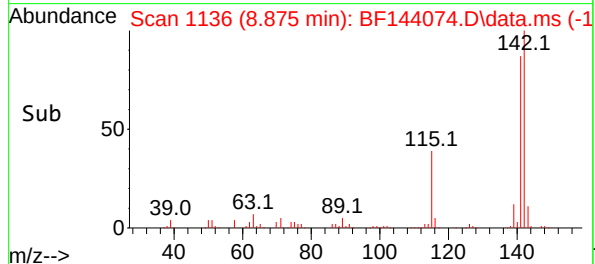
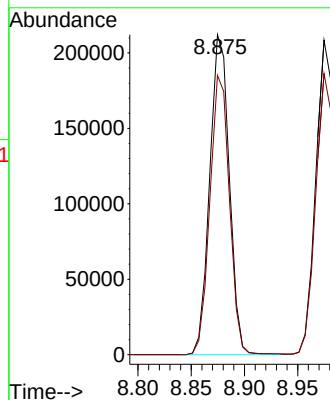
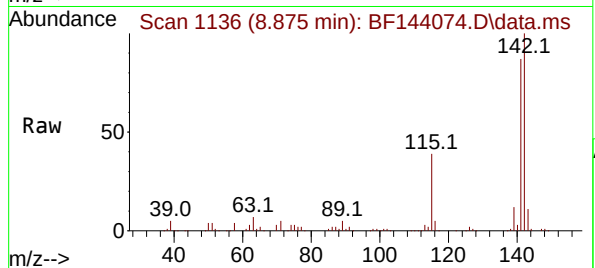
SSTDCCC040

Tgt Ion:142 Resp: 271332

Ion Ratio Lower Upper

142 100

141 87.3 67.6 101.4



#38

1-Methylnaphthalene

Concen: 43.152 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144074.D

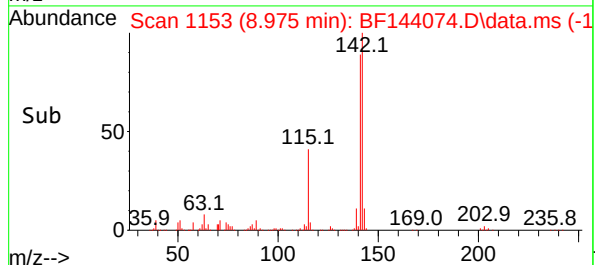
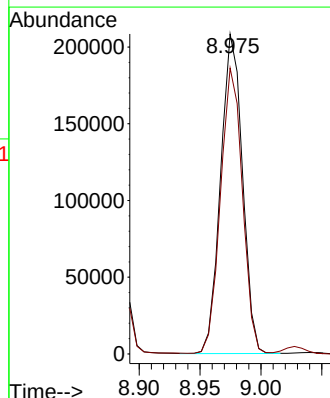
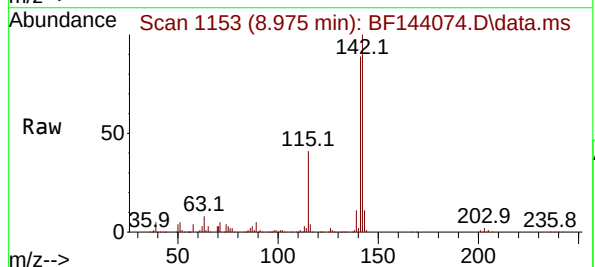
Acq: 27 Oct 2025 10:27

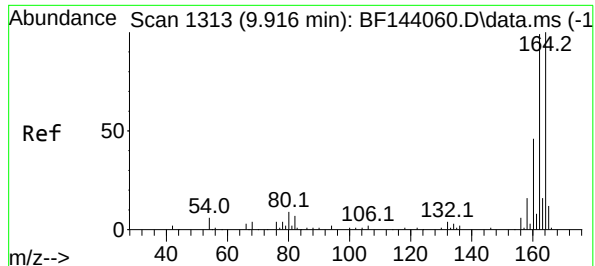
Tgt Ion:142 Resp: 259791

Ion Ratio Lower Upper

142 100

141 89.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

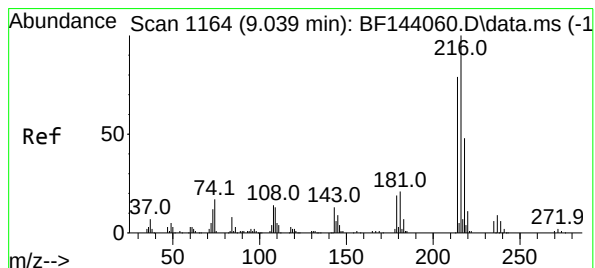
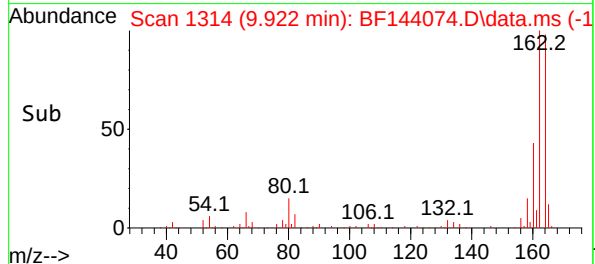
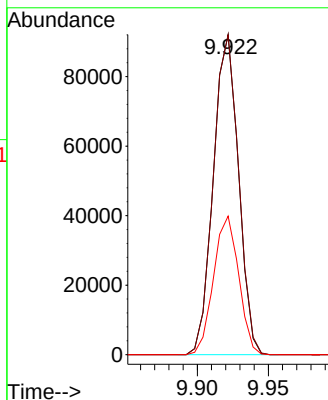
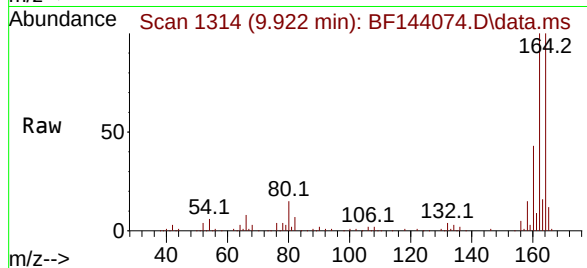
Tgt Ion:164 Resp: 113226

Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.2

160 43.3 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.440 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Tgt Ion:216 Resp: 161259

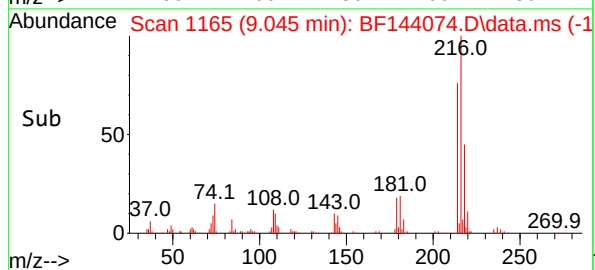
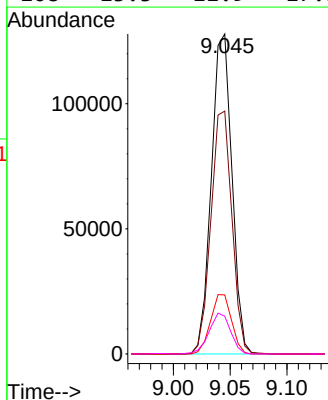
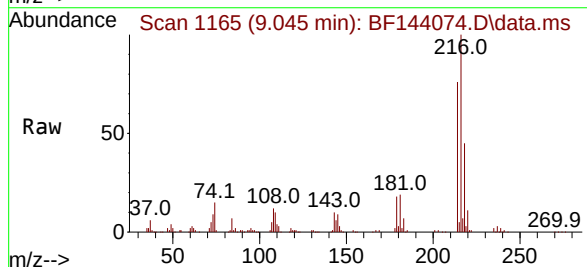
Ion Ratio Lower Upper

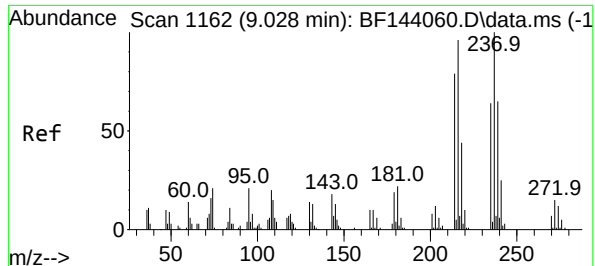
216 100

214 77.5 63.2 94.8

179 18.8 15.2 22.8

108 13.3 11.9 17.9





#41

Hexachlorocyclopentadiene

Concen: 43.878 ng

RT: 9.028 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

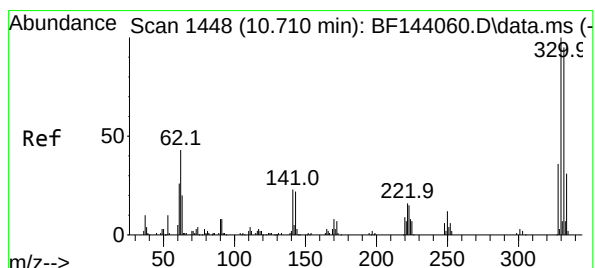
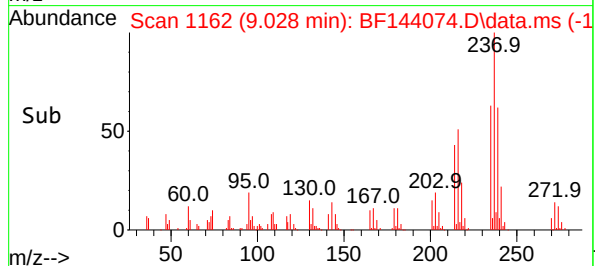
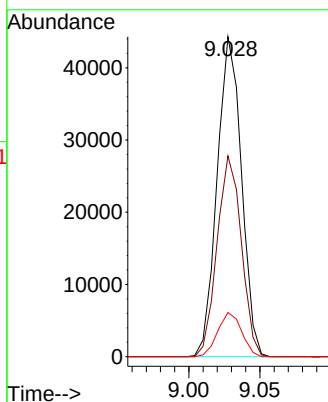
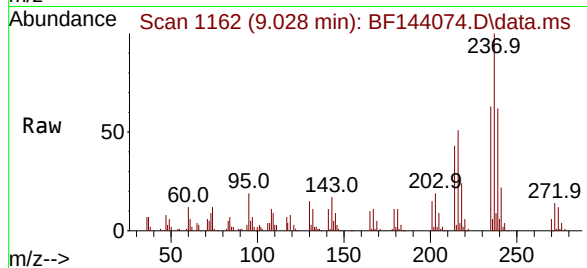
Tgt Ion:237 Resp: 52737

Ion Ratio Lower Upper

237 100

235 62.7 44.3 84.3

272 13.8 0.0 35.2



#42

2,4,6-Tribromophenol

Concen: 84.893 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

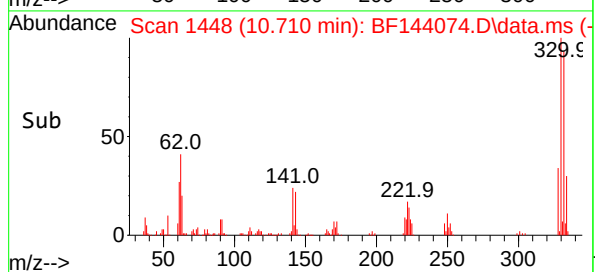
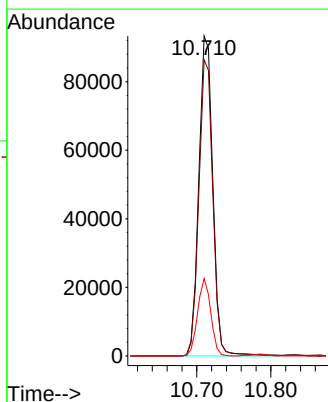
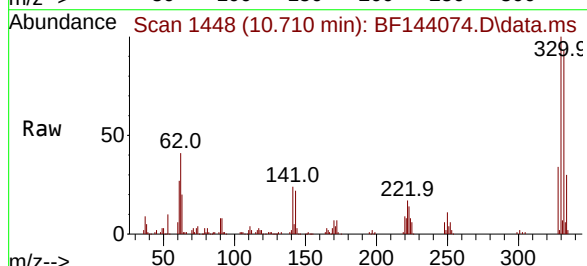
Tgt Ion:330 Resp: 122439

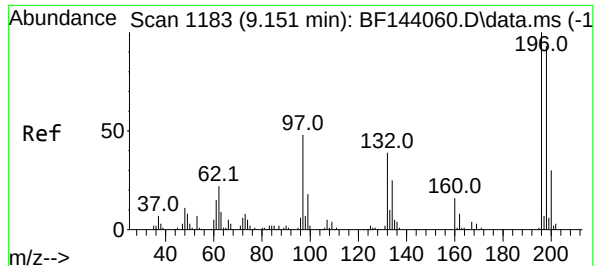
Ion Ratio Lower Upper

330 100

332 92.6 77.0 115.6

141 22.7 19.4 29.0





#43

2,4,6-Trichlorophenol

Concen: 40.949 ng

RT: 9.157 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

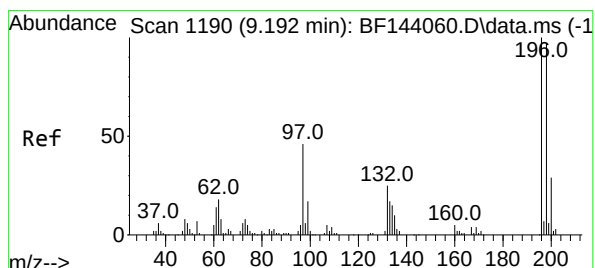
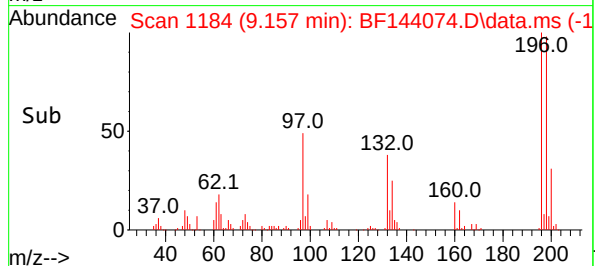
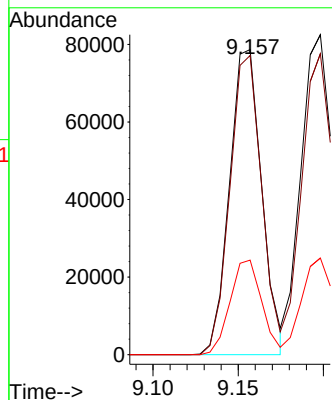
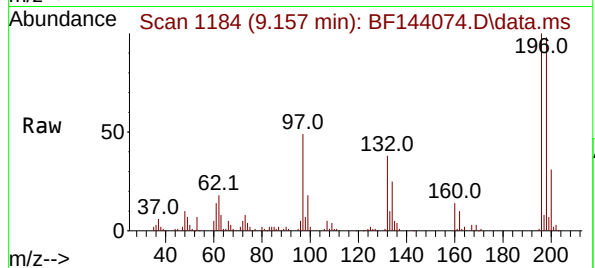
Tgt Ion:196 Resp: 103575

Ion Ratio Lower Upper

196 100

198 98.0 74.4 111.6

200 31.0 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 42.599 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Tgt Ion:196 Resp: 113082

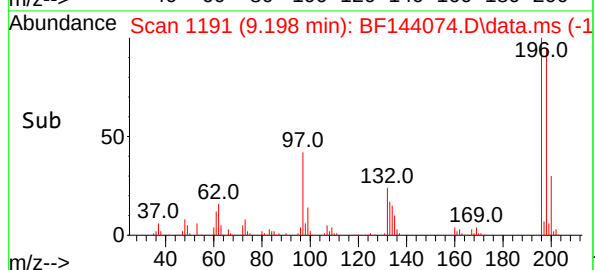
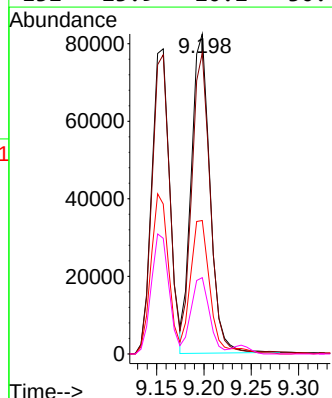
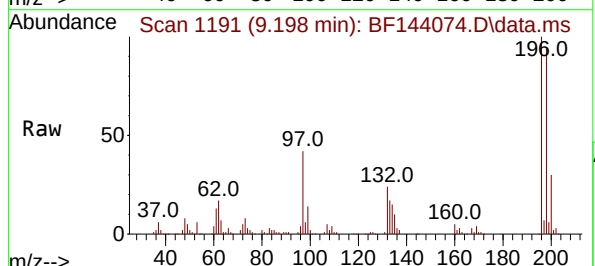
Ion Ratio Lower Upper

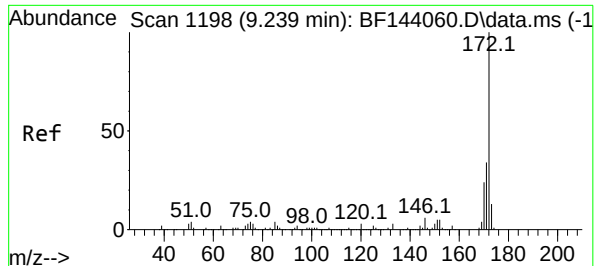
196 100

198 94.1 78.0 117.0

97 41.7 37.7 56.5

132 23.9 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 79.903 ng

RT: 9.239 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

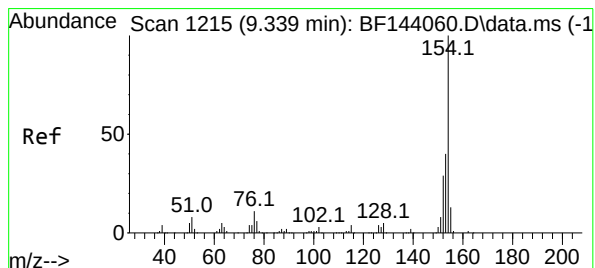
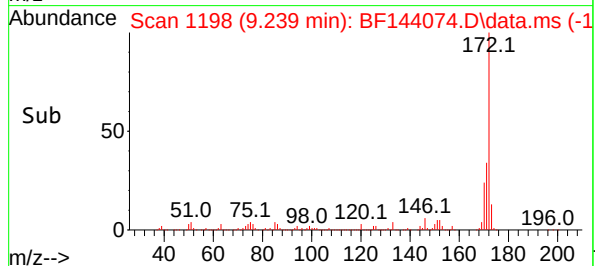
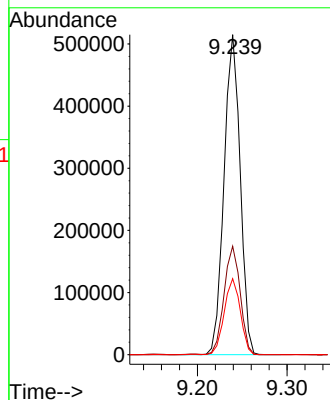
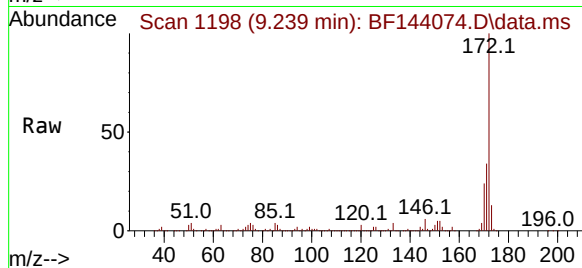
Tgt Ion:172 Resp: 642905

Ion Ratio Lower Upper

172 100

171 33.9 27.5 41.3

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 40.027 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

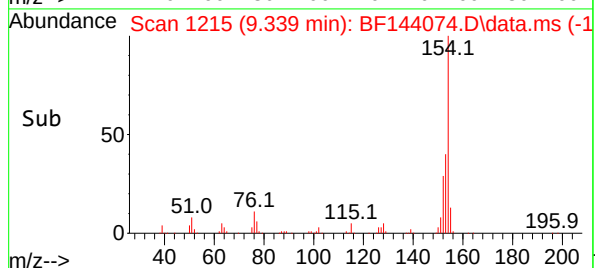
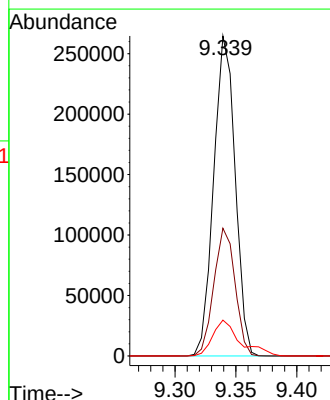
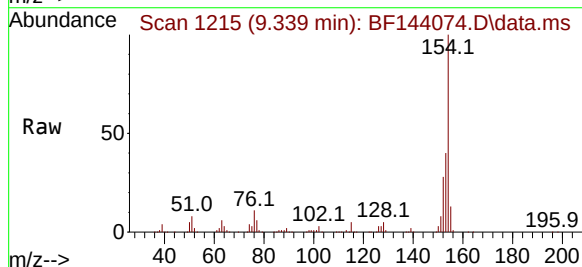
Tgt Ion:154 Resp: 324424

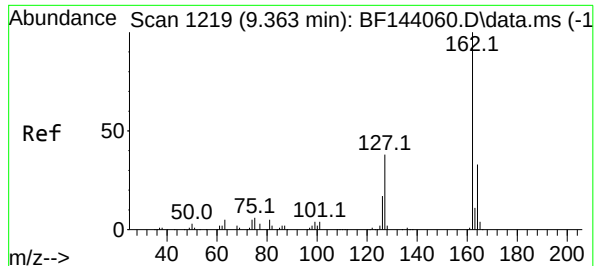
Ion Ratio Lower Upper

154 100

153 39.9 19.7 59.7

76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 40.869 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

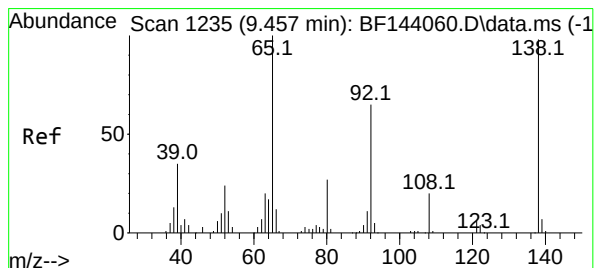
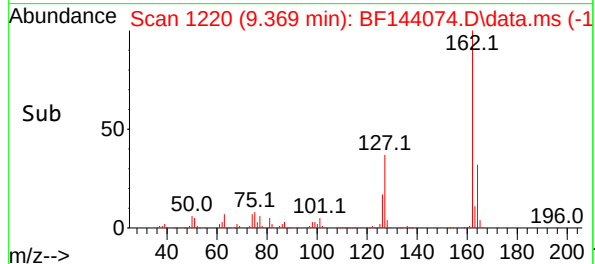
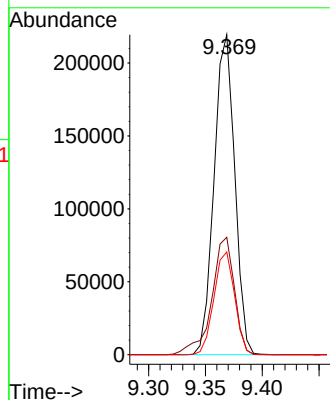
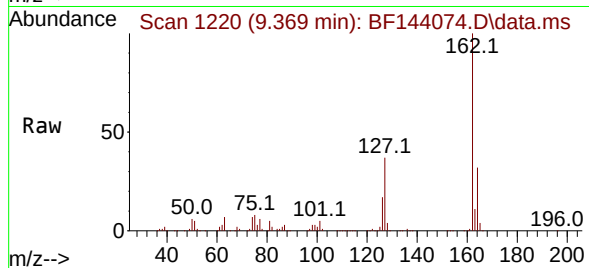
Tgt Ion:162 Resp: 277516

Ion Ratio Lower Upper

162 100

127 36.7 31.6 47.4

164 32.1 26.5 39.7



#48

2-Nitroaniline

Concen: 43.173 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

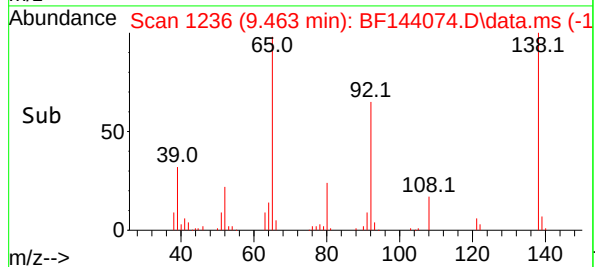
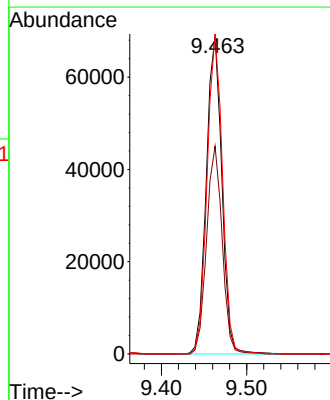
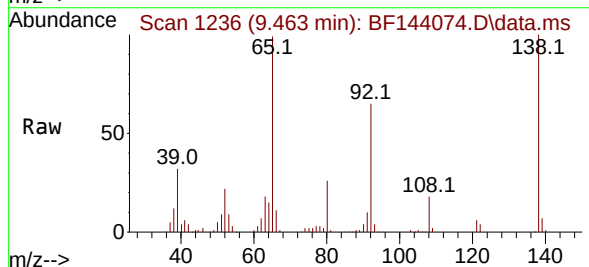
Tgt Ion: 65 Resp: 87054

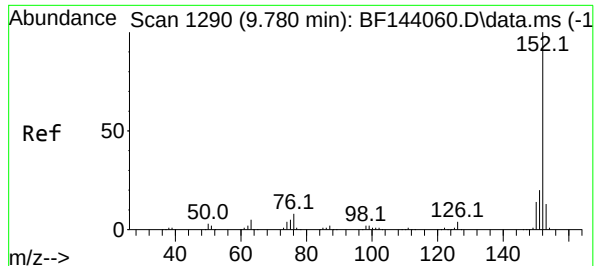
Ion Ratio Lower Upper

65 100

92 65.5 52.3 78.5

138 100.8 78.3 117.5





#49

Acenaphthylene

Concen: 40.908 ng

RT: 9.780 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

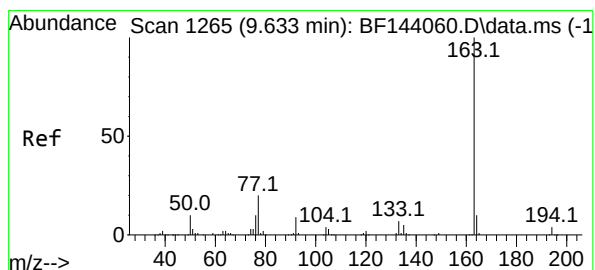
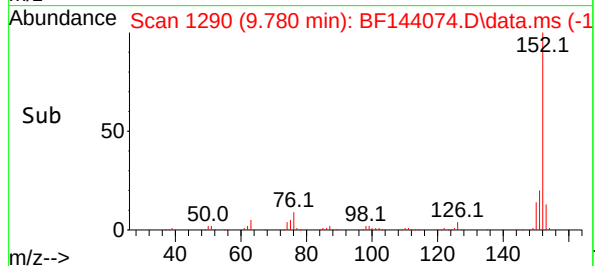
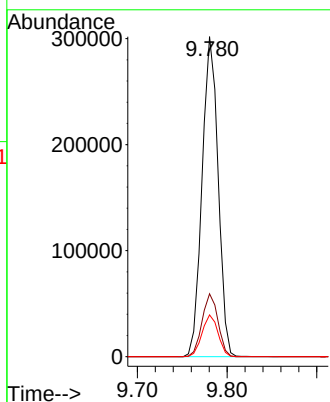
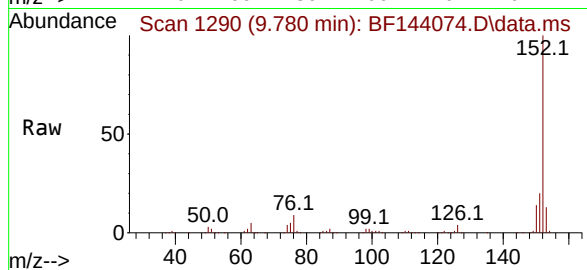
Tgt Ion:152 Resp: 374544

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 41.020 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

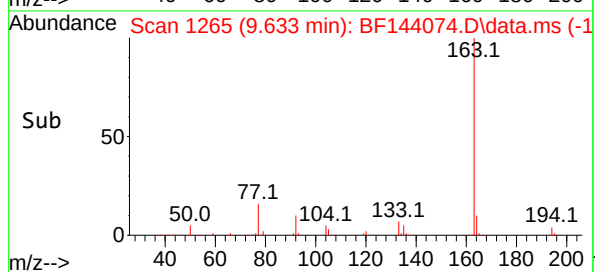
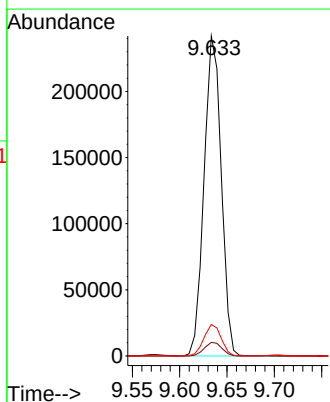
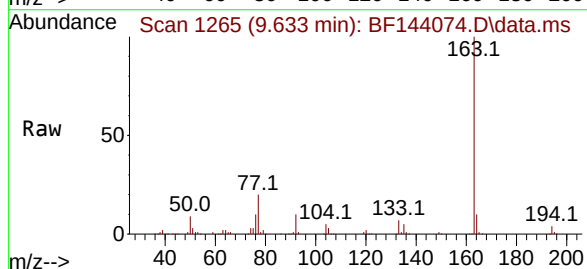
Tgt Ion:163 Resp: 304442

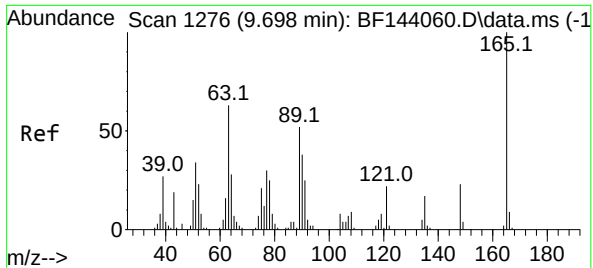
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.9 7.8 11.8

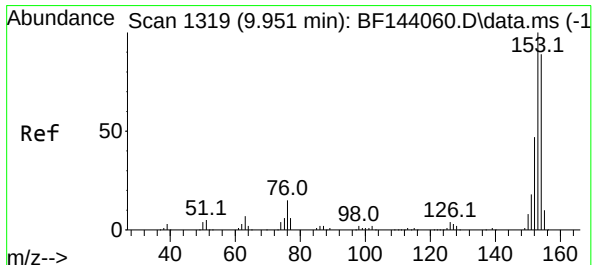
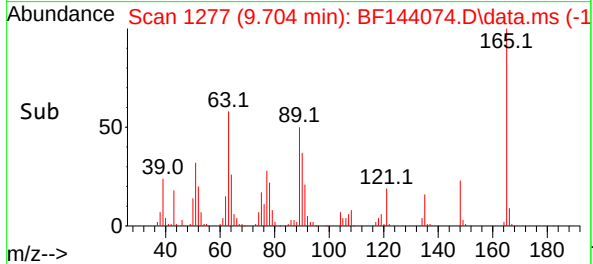
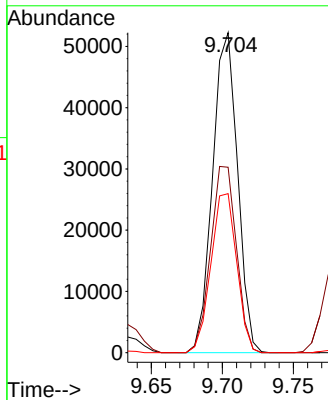
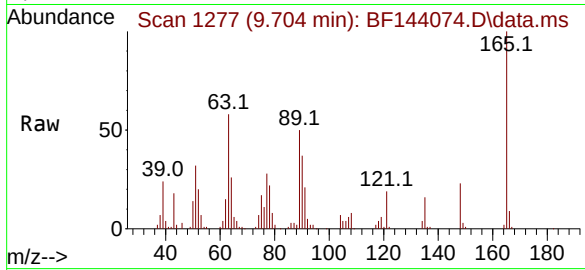




#51
2,6-Dinitrotoluene
Concen: 43.531 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

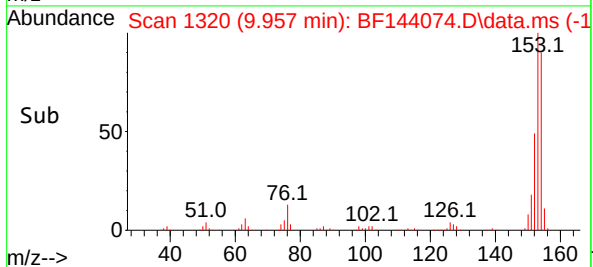
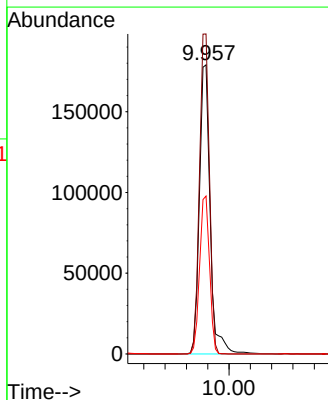
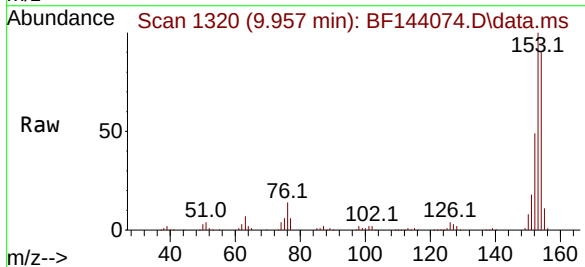
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

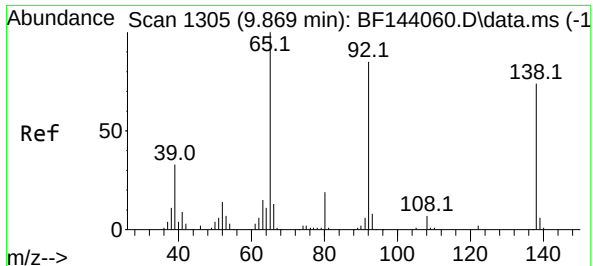
Tgt Ion:165 Resp: 63869
Ion Ratio Lower Upper
165 100
63 58.0 50.4 75.6
89 49.7 41.4 62.2



#52
Acenaphthene
Concen: 40.938 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:154 Resp: 250322
Ion Ratio Lower Upper
154 100
153 110.7 89.9 134.9
152 54.6 42.0 63.0

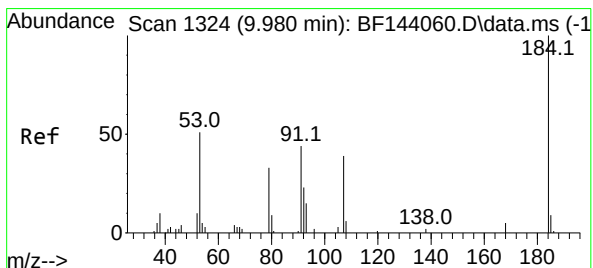
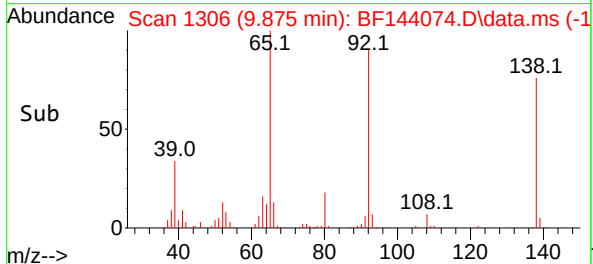
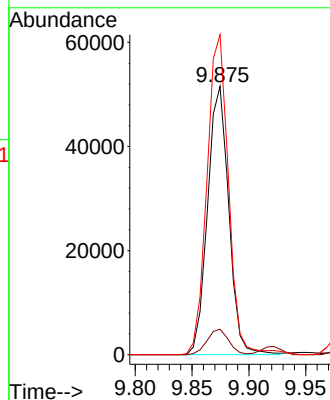
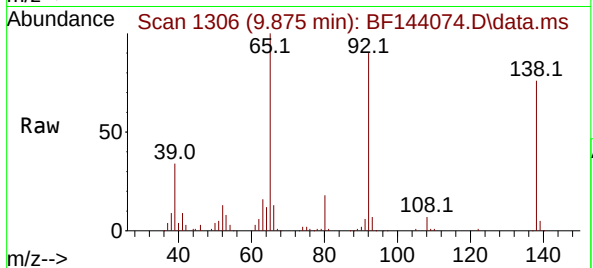




#53
3-Nitroaniline
Concen: 41.061 ng
RT: 9.875 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

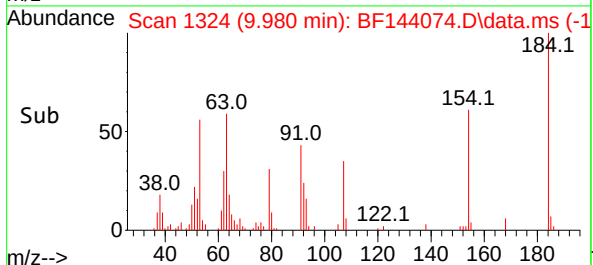
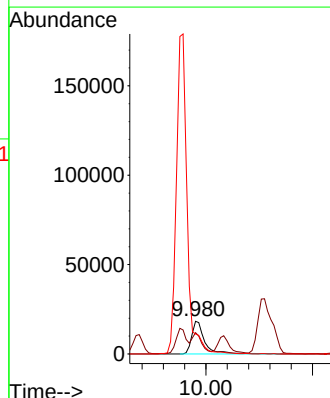
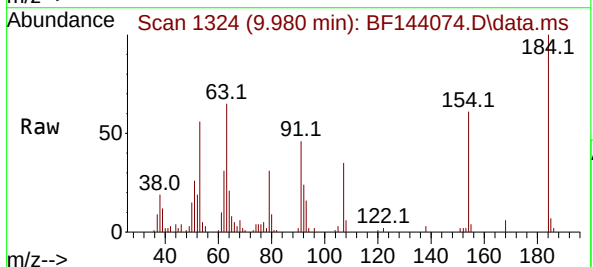
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

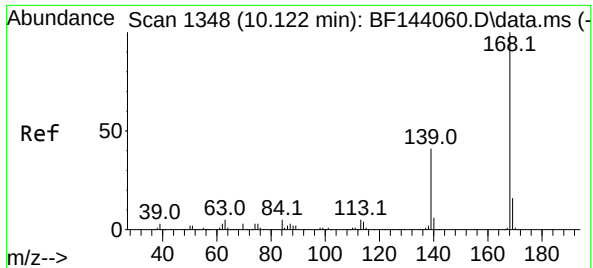
Tgt Ion:138 Resp: 66981
Ion Ratio Lower Upper
138 100
108 9.5 7.9 11.9
92 119.3 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 38.960 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:184 Resp: 30917
Ion Ratio Lower Upper
184 100
63 65.0 52.1 78.1
154 61.3 47.9 71.9





#55

Dibenzenofuran

Concen: 41.318 ng

RT: 10.127 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

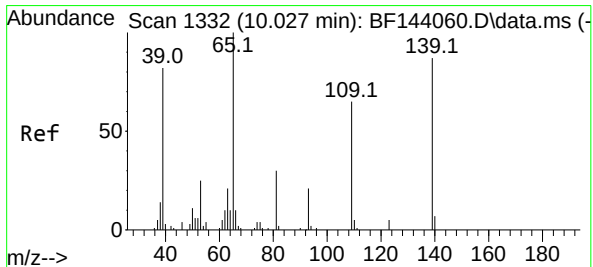
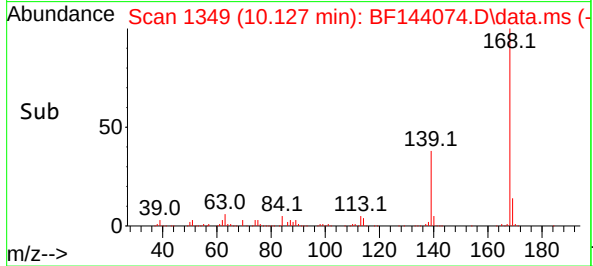
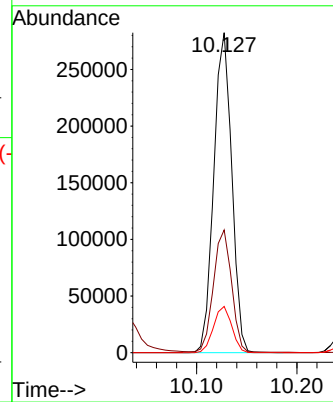
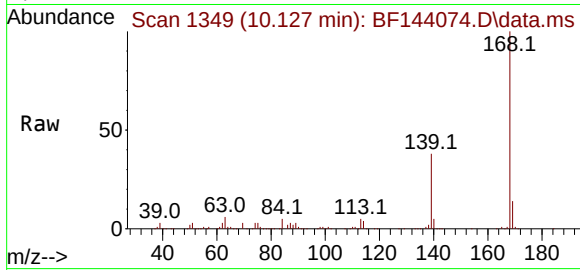
Tgt Ion:168 Resp: 350742

Ion Ratio Lower Upper

168 100

139 38.4 33.2 49.8

169 14.4 12.6 19.0



#56

4-Nitrophenol

Concen: 41.527 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

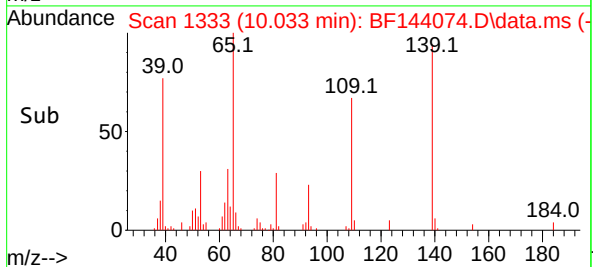
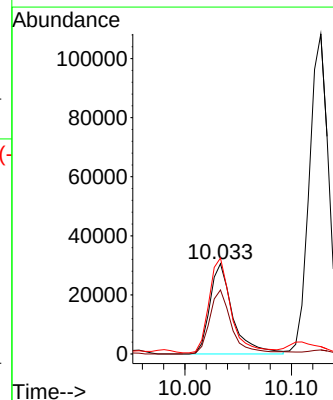
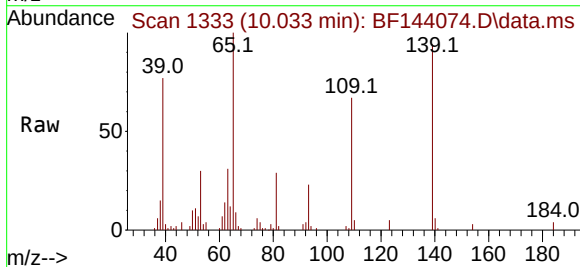
Tgt Ion:139 Resp: 45872

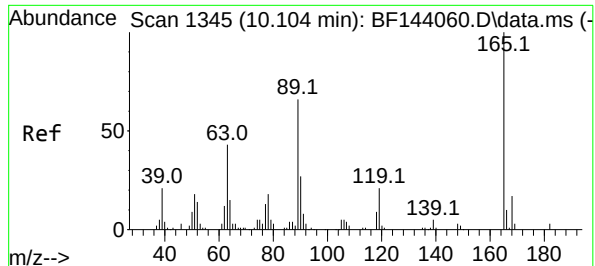
Ion Ratio Lower Upper

139 100

109 70.8 53.8 93.8

65 106.4 95.9 135.9

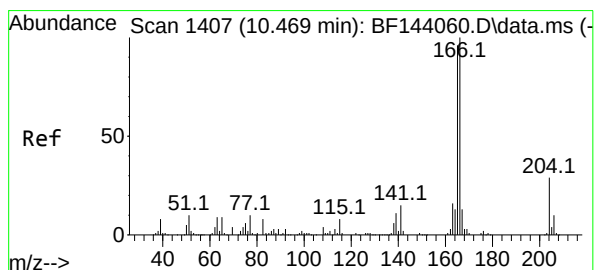
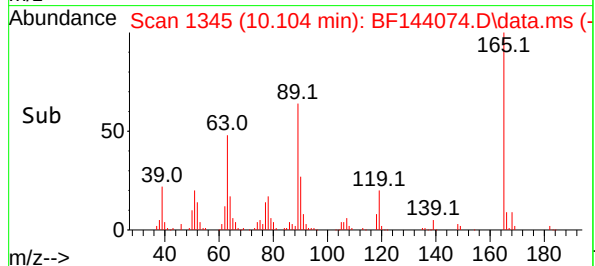
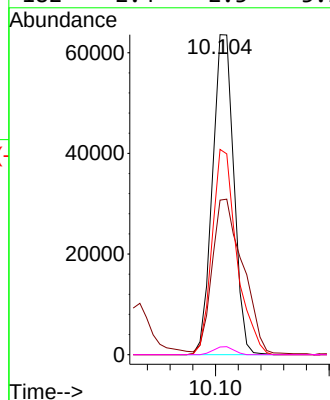
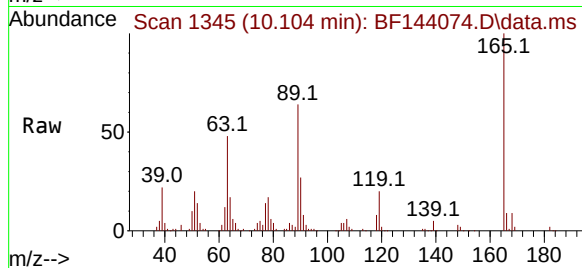




#57
2,4-Dinitrotoluene
Concen: 41.918 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

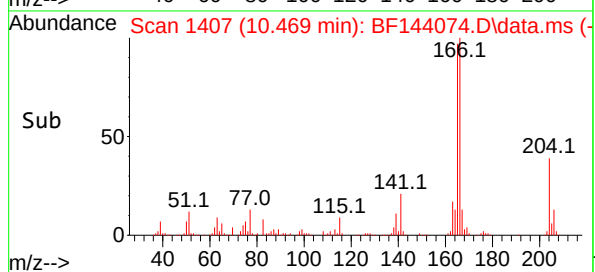
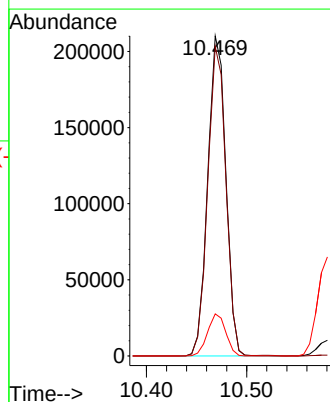
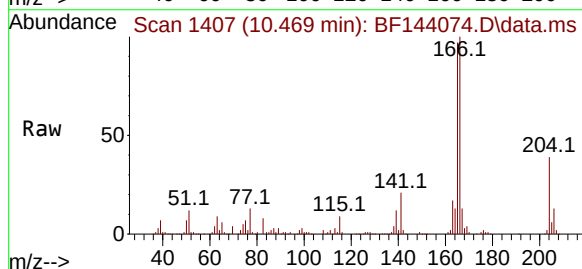
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

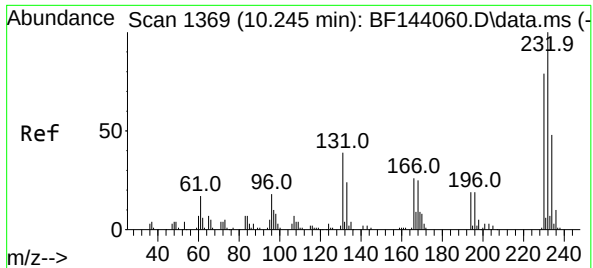
Tgt Ion:	165	Resp:	83007
Ion Ratio	Lower	Upper	
165	100		
63	48.3	35.4	53.2
89	64.2	52.7	79.1
182	2.4	2.3	3.5



#58
Fluorene
Concen: 40.866 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:	166	Resp:	264329
Ion Ratio	Lower	Upper	
166	100		
165	96.7	77.0	115.4
167	13.1	10.2	15.4

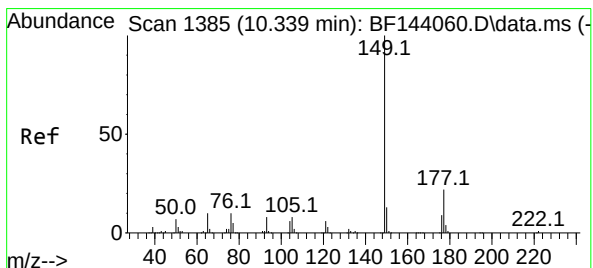
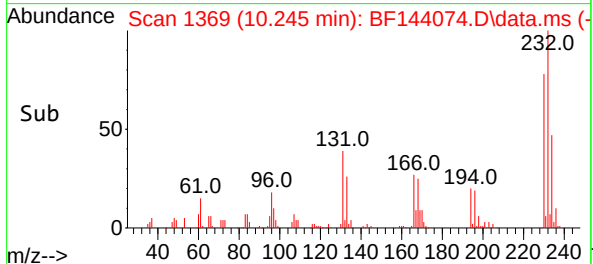
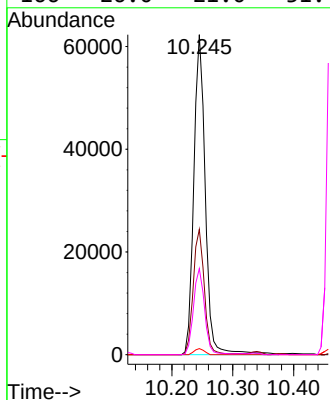
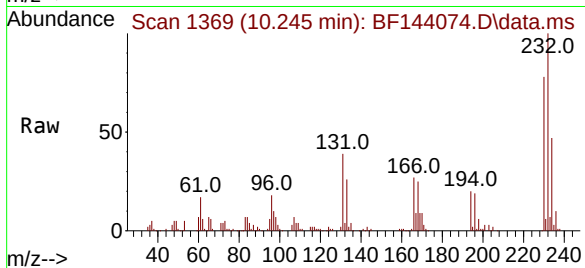




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.817 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

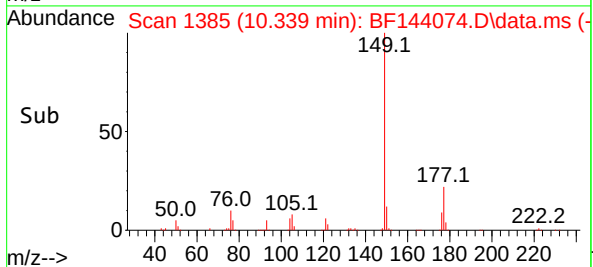
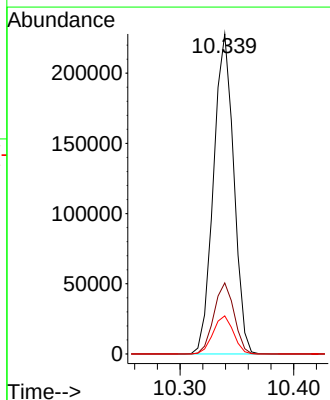
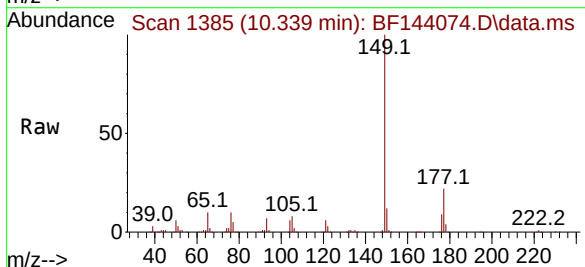
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

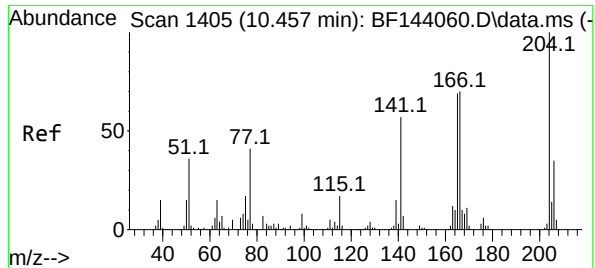
Tgt Ion:232 Resp: 81964
Ion Ratio Lower Upper
232 100
131 37.7 31.9 47.9
130 1.6 1.1 1.7
166 26.0 21.0 31.4



#60
Diethylphthalate
Concen: 40.457 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:149 Resp: 282370
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 11.9 10.1 15.1

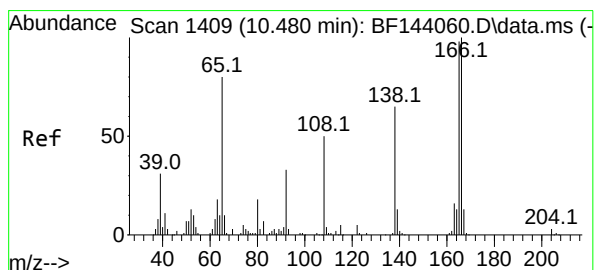
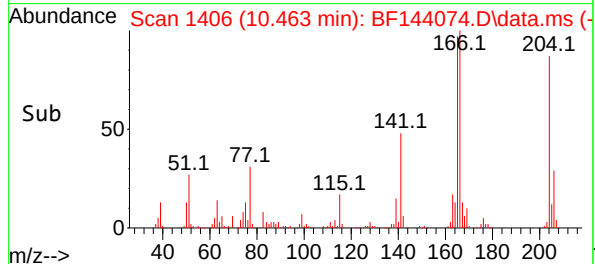
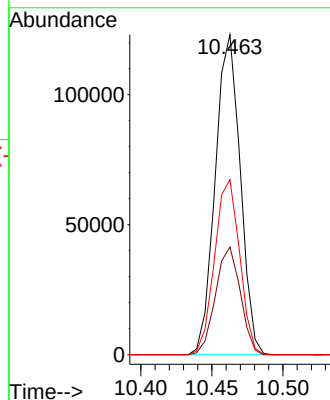
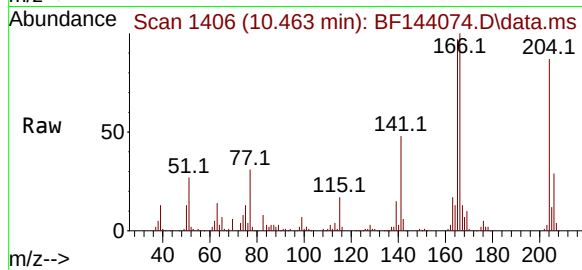




#61
4-Chlorophenyl-phenylether
Concen: 41.424 ng
RT: 10.463 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

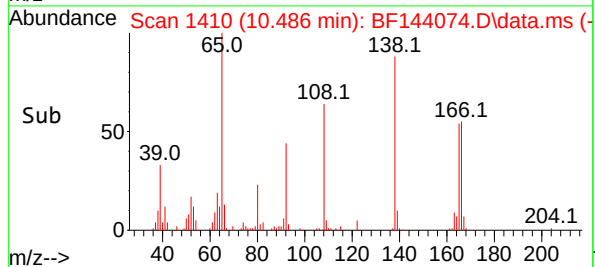
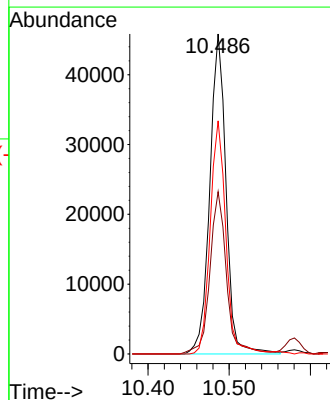
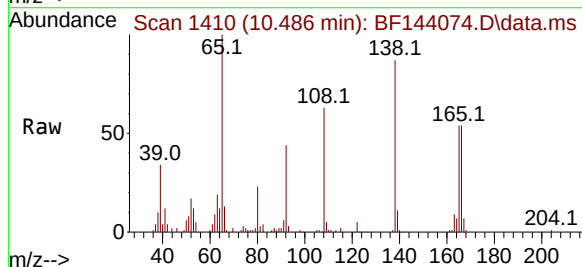
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

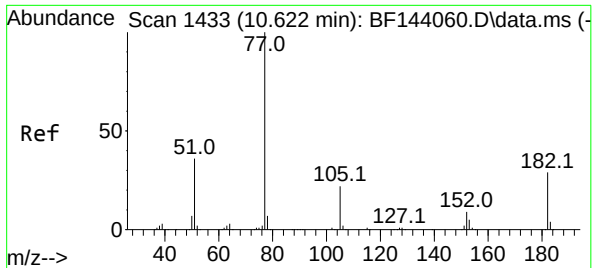
Tgt Ion:204 Resp: 150675
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.6
141 54.7 45.4 68.2



#62
4-Nitroaniline
Concen: 41.182 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:138 Resp: 63652
Ion Ratio Lower Upper
138 100
92 50.7 30.5 70.5
108 72.8 56.2 96.2

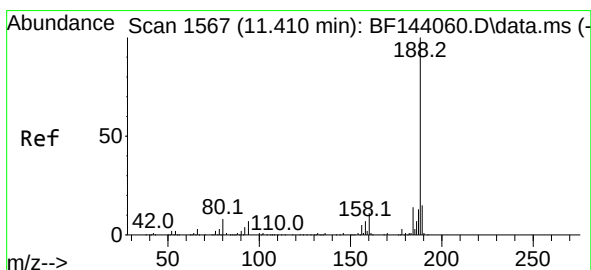
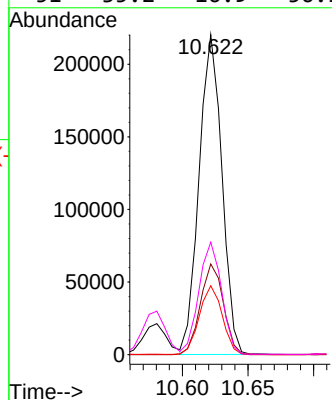
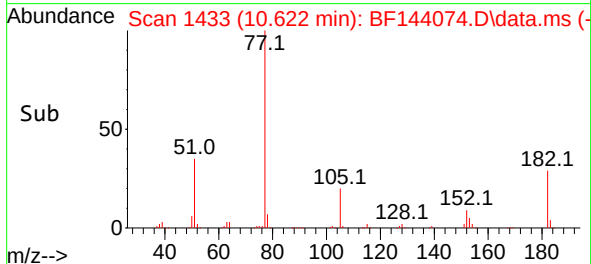
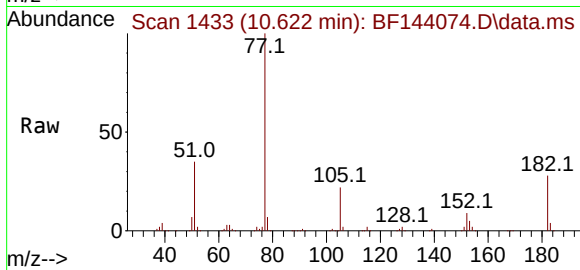




#63
Azobenzene
Concen: 40.465 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

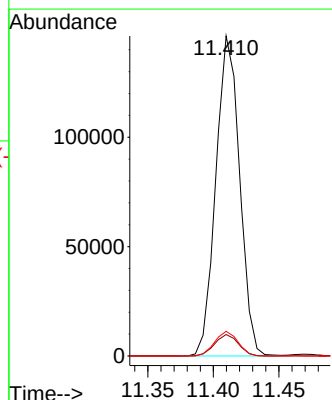
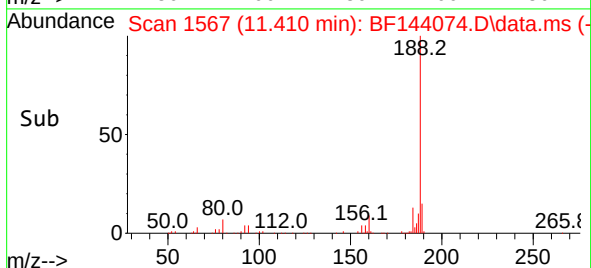
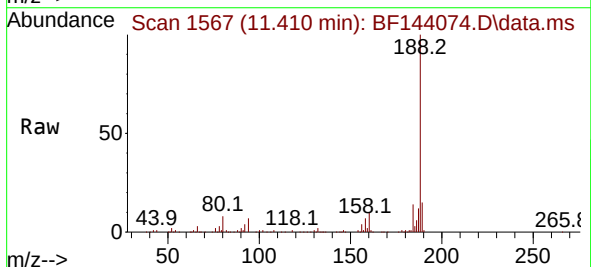
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

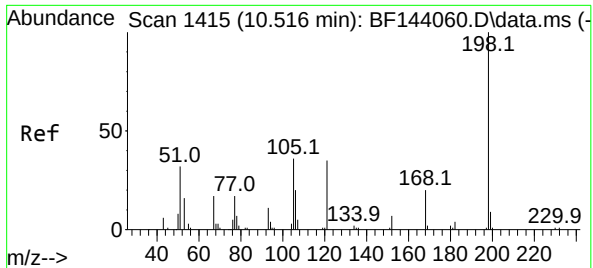
Tgt Ion: 77	Resp: 267316
Ion Ratio	Lower Upper
77 100	
182 28.3	9.0 49.0
105 21.5	1.4 41.4
51 35.2	16.9 56.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:188	Resp: 184414
Ion Ratio	Lower Upper
188 100	
94 6.7	5.4 8.0
80 7.7	6.0 9.0

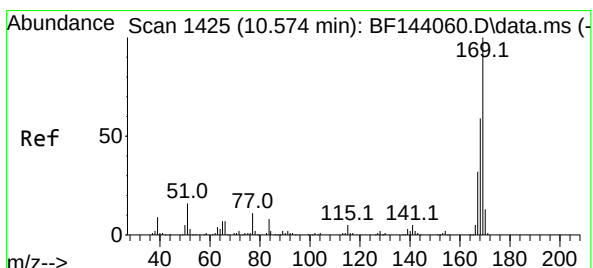
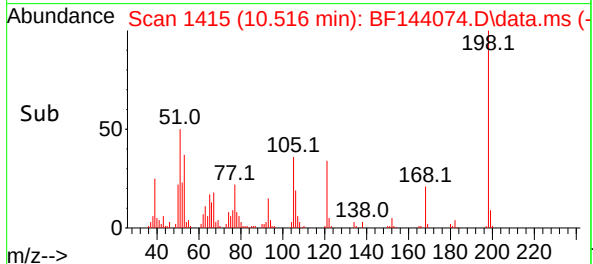
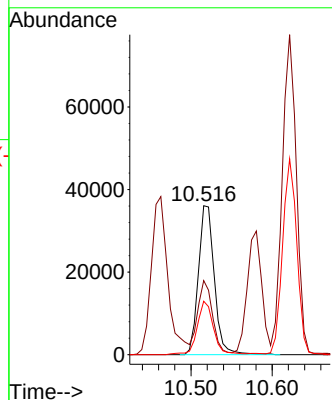
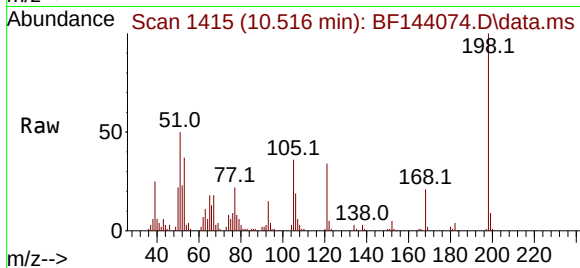




#65
4,6-Dinitro-2-methylphenol
Concen: 41.715 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

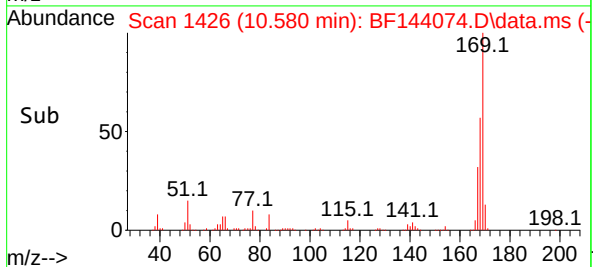
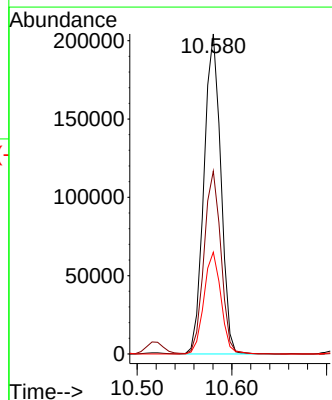
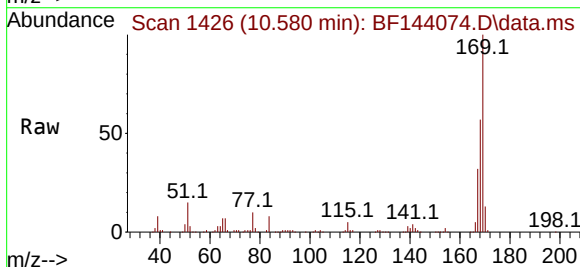
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

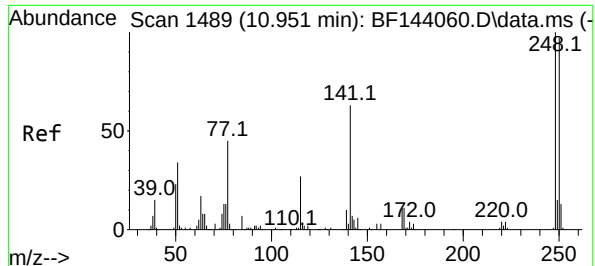
Tgt Ion	Ratio	Lower	Upper
198	100		
51	49.8	25.8	65.8
105	35.9	17.2	57.2



#66
n-Nitrosodiphenylamine
Concen: 42.907 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.2	47.4	71.2
167	31.8	25.5	38.3

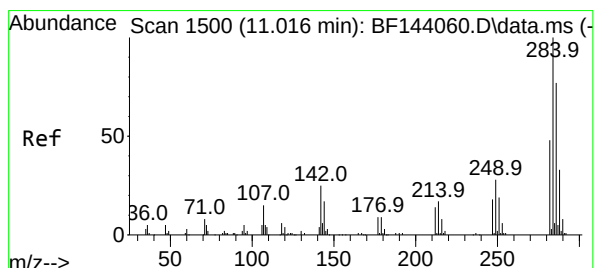
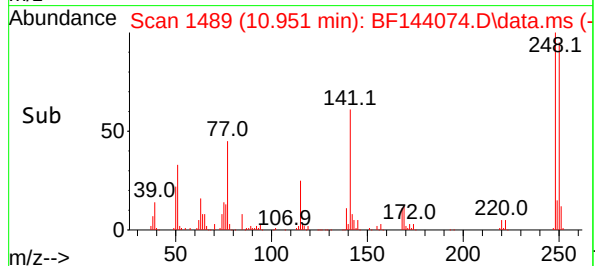
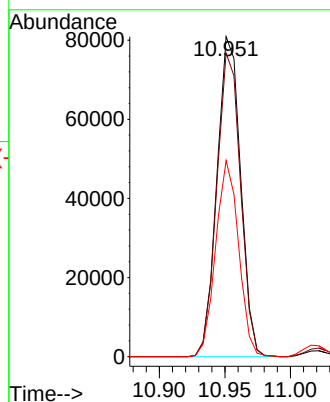
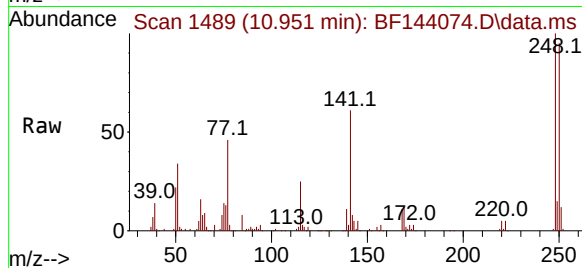




#67
4-Bromophenyl-phenylether
Concen: 43.947 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

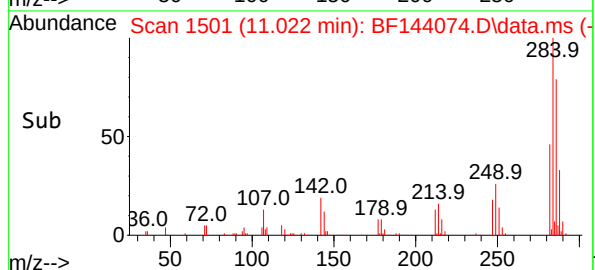
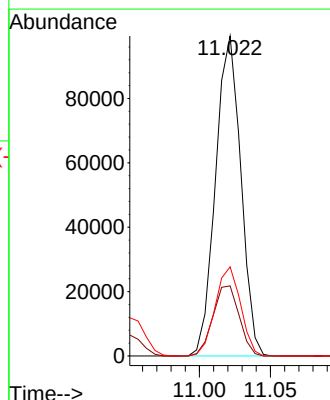
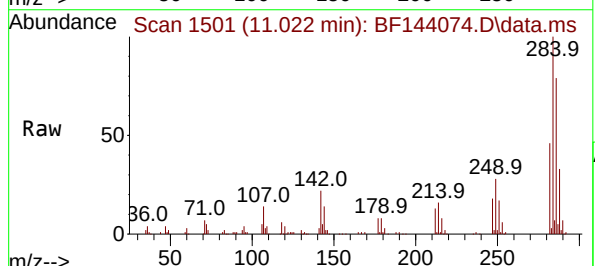
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

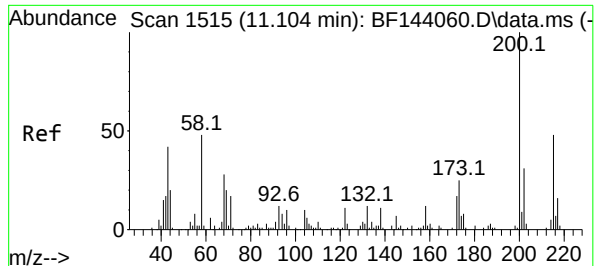
Tgt Ion:248 Resp: 101473
Ion Ratio Lower Upper
248 100
250 94.9 77.8 116.6
141 61.3 50.5 75.7



#68
Hexachlorobenzene
Concen: 43.436 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:284 Resp: 123002
Ion Ratio Lower Upper
284 100
142 21.9 20.0 30.0
249 27.8 22.2 33.2





#69

Atrazine

Concen: 38.475 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

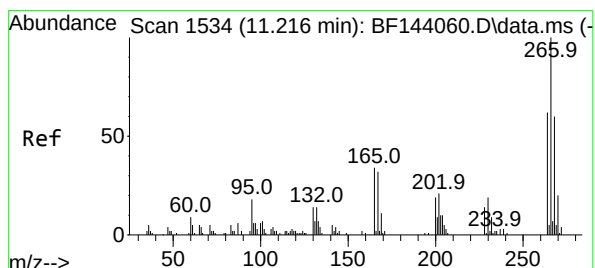
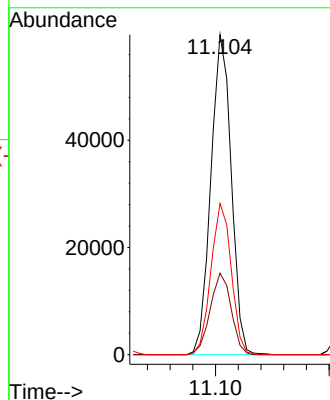
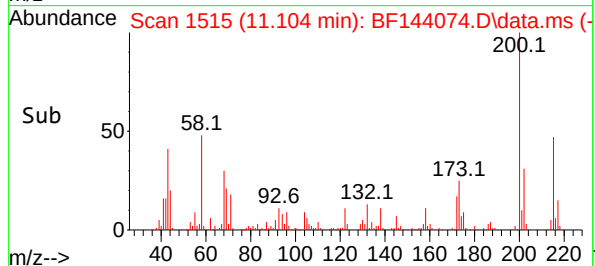
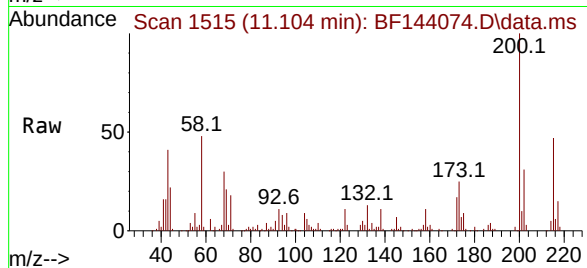
Tgt Ion:200 Resp: 74391

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

215 47.2 28.2 68.2



#70

Pentachlorophenol

Concen: 43.784 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

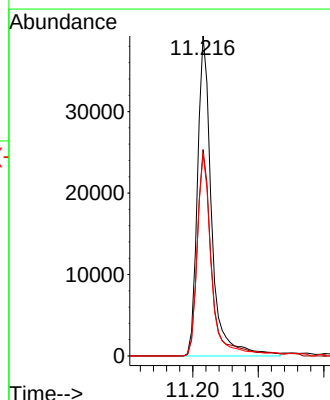
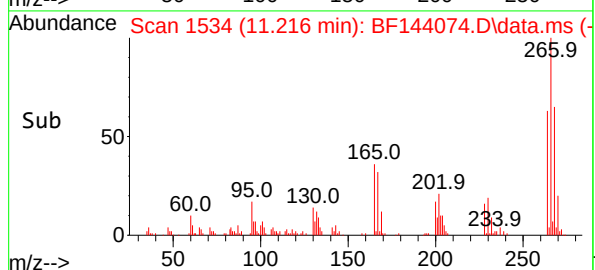
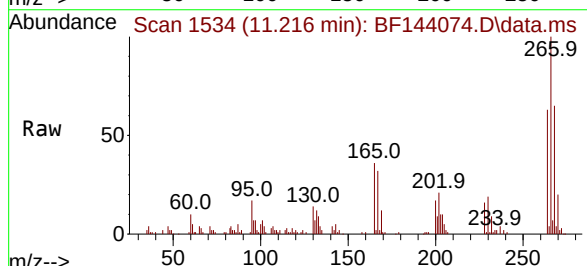
Tgt Ion:266 Resp: 59017

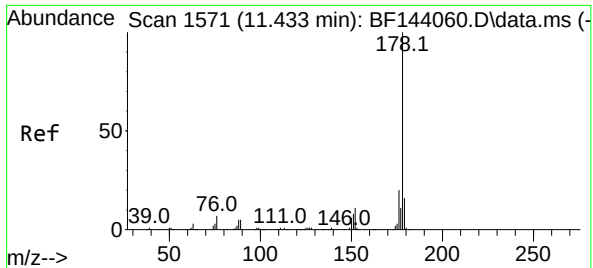
Ion Ratio Lower Upper

266 100

268 64.5 48.2 72.4

264 63.2 49.4 74.0

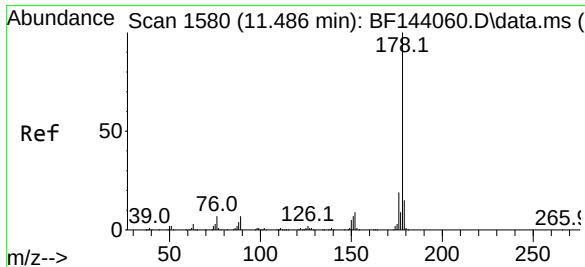
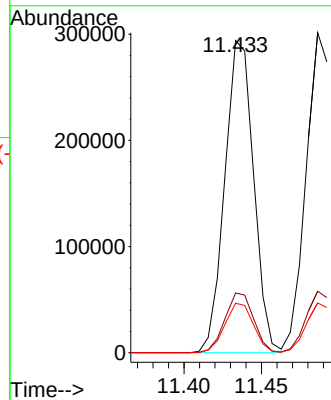
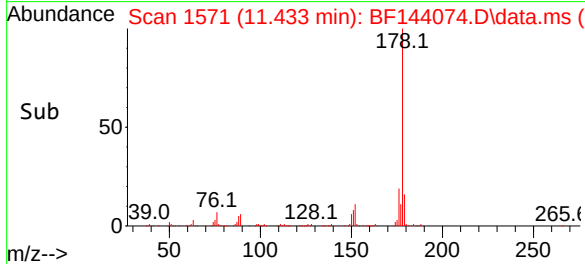
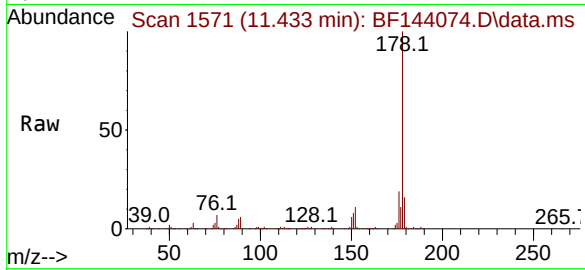




#71
Phenanthrene
Concen: 41.610 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

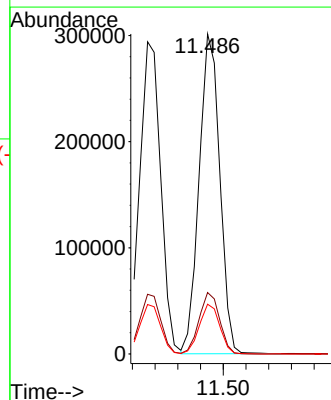
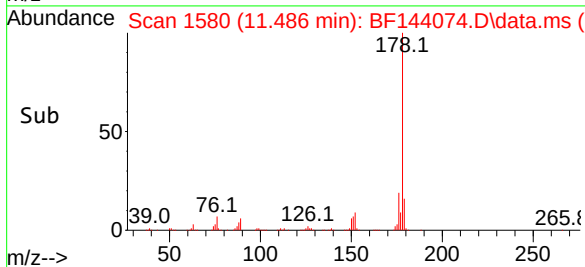
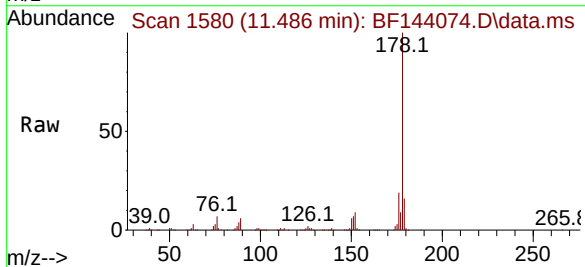
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

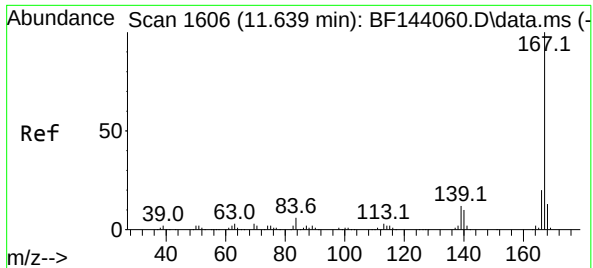
Tgt Ion:178 Resp: 381184
Ion Ratio Lower Upper
178 100
176 19.1 16.3 24.5
179 15.8 12.6 18.8



#72
Anthracene
Concen: 40.239 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

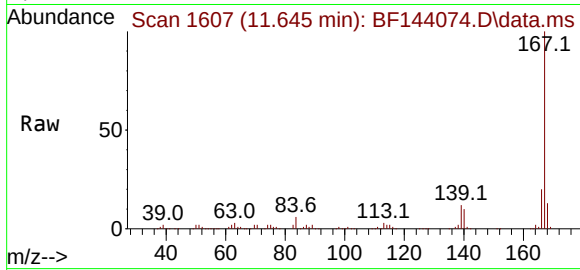
Tgt Ion:178 Resp: 380792
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.6 11.8 17.6



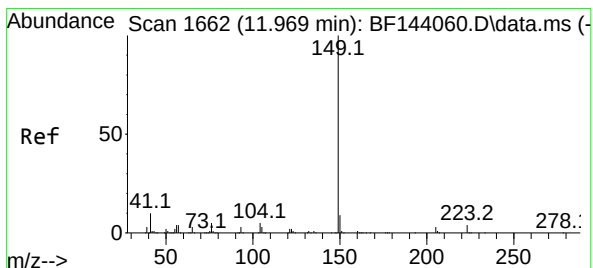
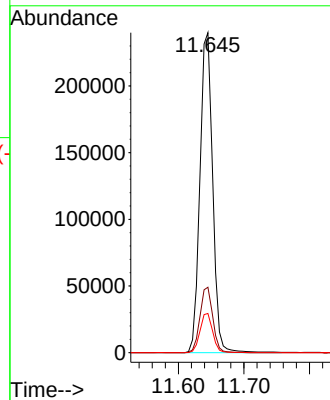
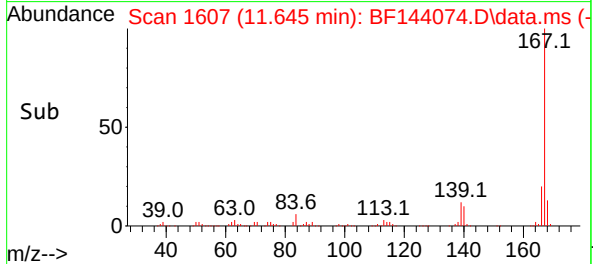


#73
Carbazole
Concen: 40.288 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

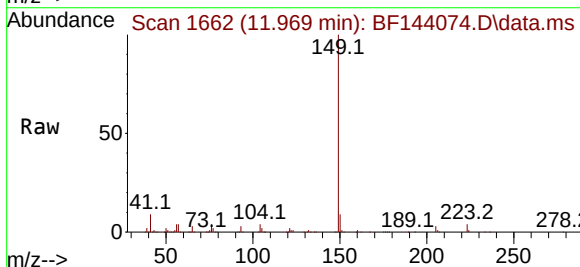
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



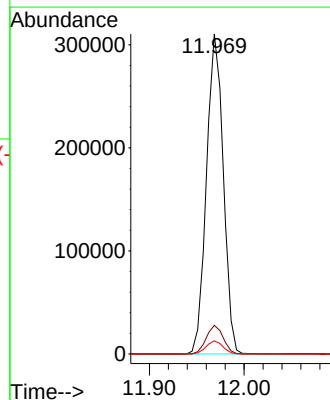
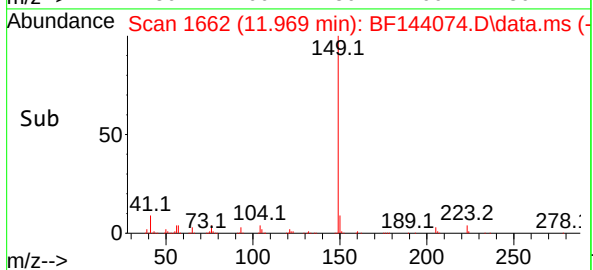
Tgt Ion:167 Resp: 324513
Ion Ratio Lower Upper
167 100
166 20.5 16.1 24.1
139 12.2 9.8 14.6

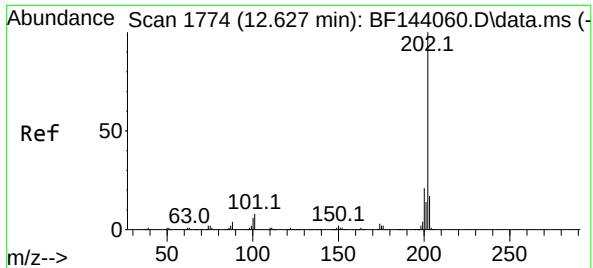


#74
Di-n-butylphthalate
Concen: 38.793 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27



Tgt Ion:149 Resp: 383099
Ion Ratio Lower Upper
149 100
150 8.9 7.3 10.9
104 4.1 3.6 5.4

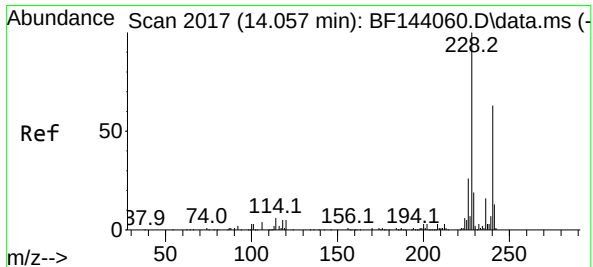
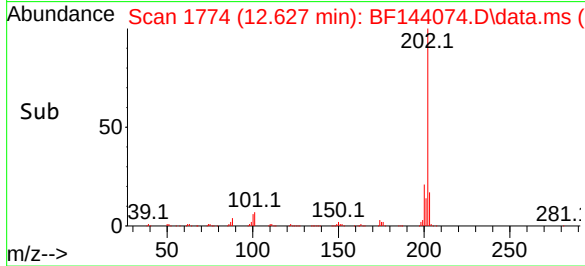
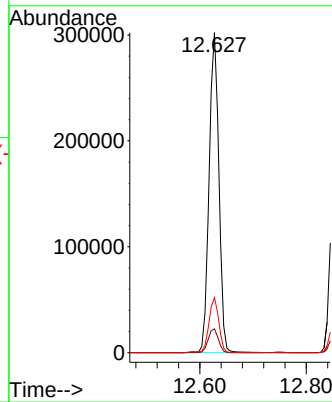
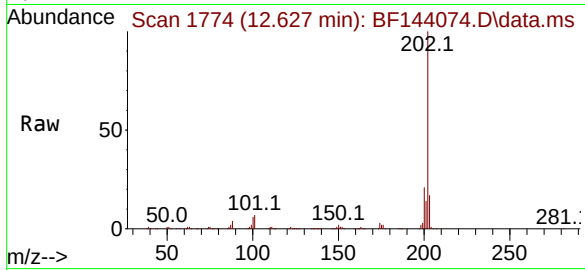




#75
Fluoranthene
Concen: 37.938 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

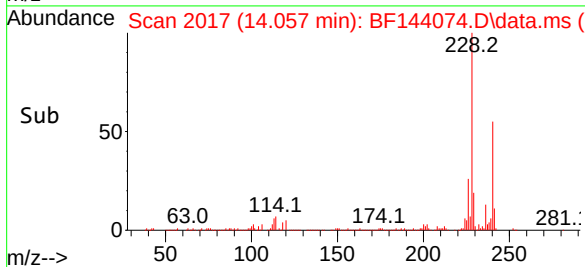
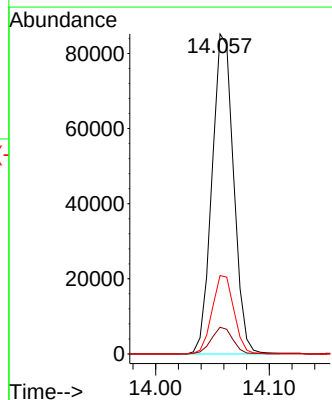
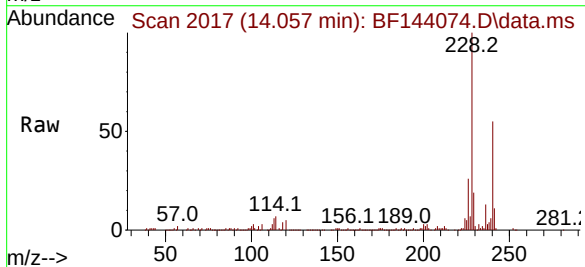
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

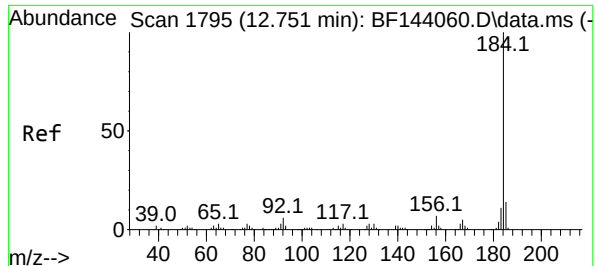
Tgt Ion:202 Resp: 383968
Ion Ratio Lower Upper
202 100
101 7.5 0.0 27.7
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:240 Resp: 112717
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 24.5 20.1 30.1

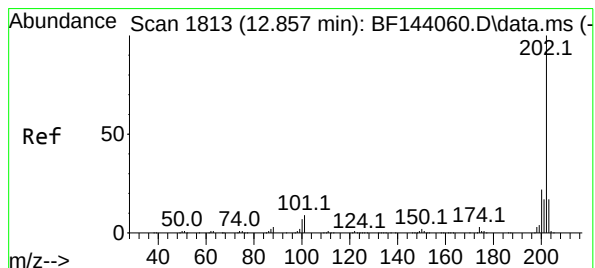
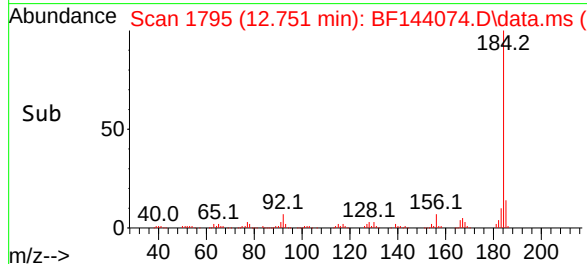
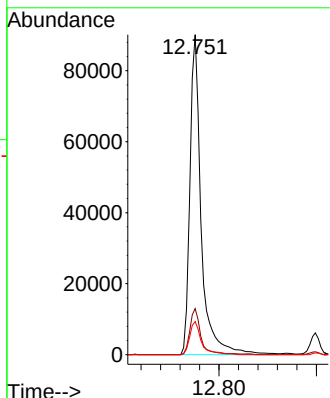
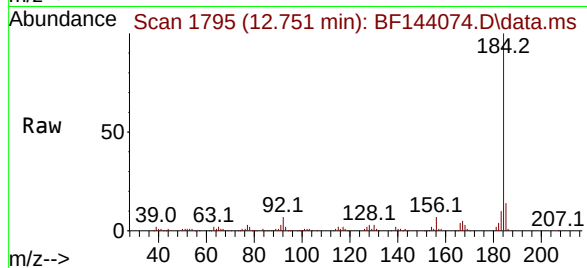




#77
Benzidine
Concen: 41.457 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

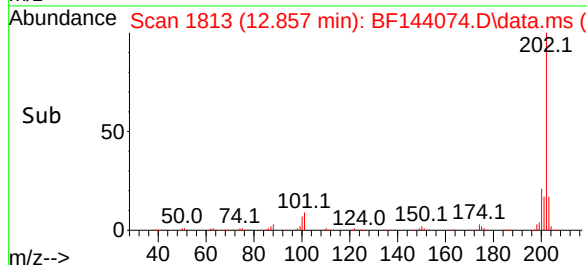
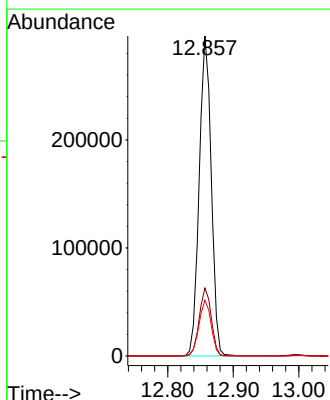
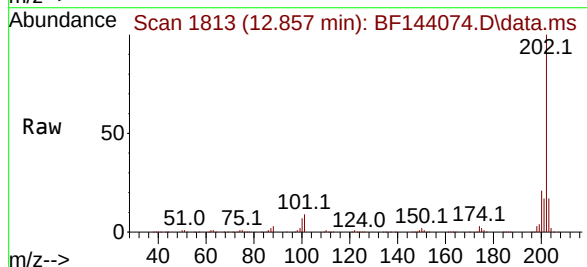
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

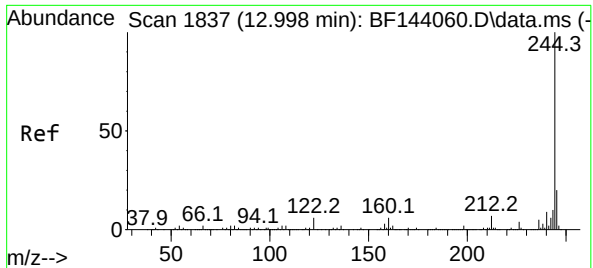
Tgt Ion:184 Resp: 145430
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 10.3 8.5 12.7



#78
Pyrene
Concen: 46.872 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:202 Resp: 379834
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.4 13.5 20.3





#79

Terphenyl-d14

Concen: 91.306 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

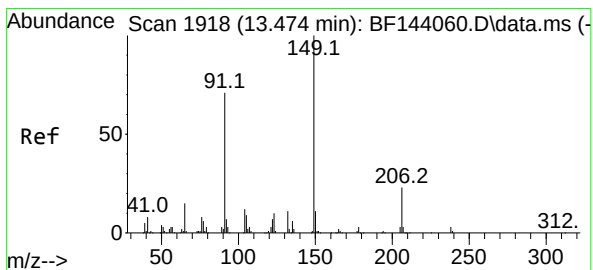
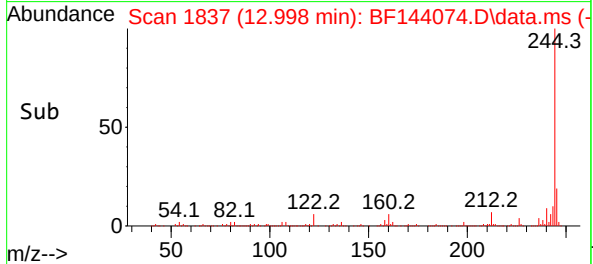
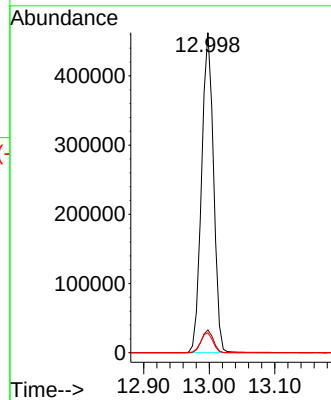
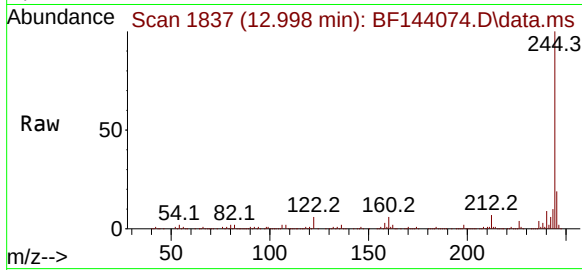
Tgt Ion:244 Resp: 588700

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 6.2 4.9 7.3



#80

Butylbenzylphthalate

Concen: 40.484 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

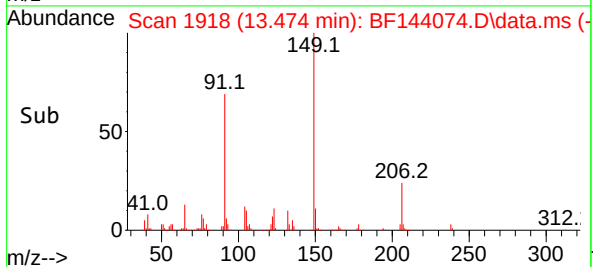
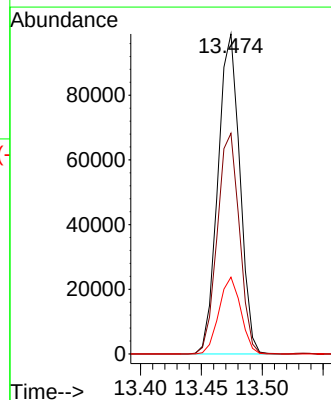
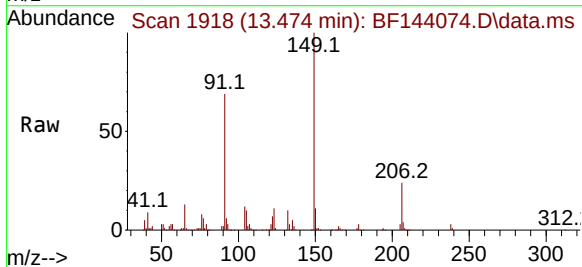
Tgt Ion:149 Resp: 124111

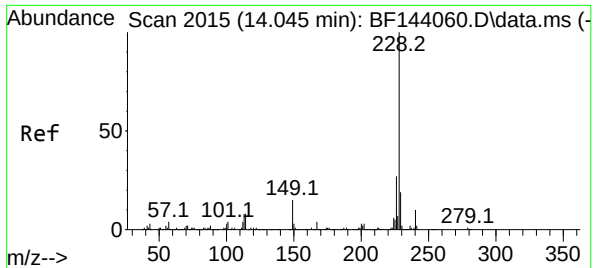
Ion Ratio Lower Upper

149 100

91 68.9 56.6 84.8

206 24.0 18.3 27.5





#81

Benzo(a)anthracene

Concen: 43.272 ng

RT: 14.051 min Scan# 2015

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

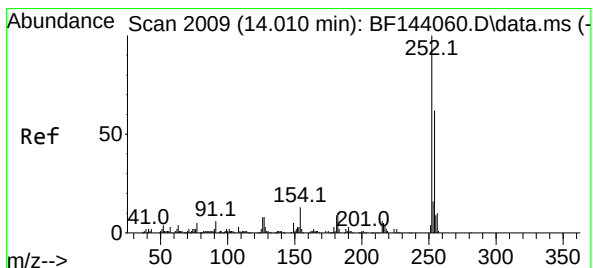
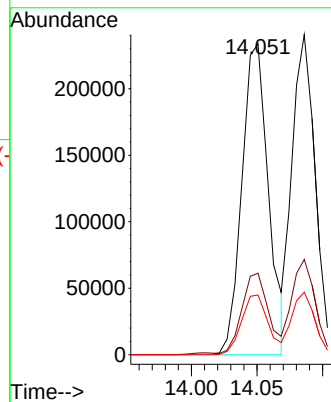
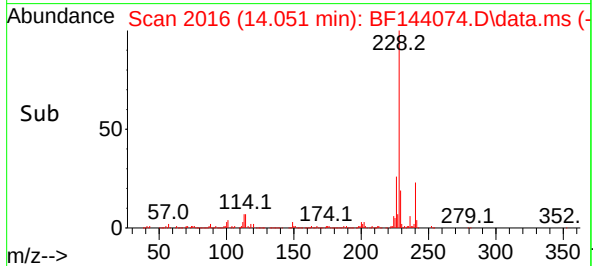
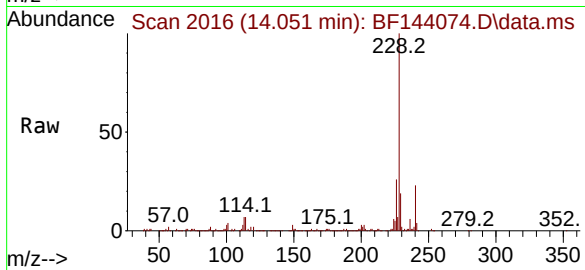
Tgt Ion:228 Resp: 329626

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.2

229 19.2 15.3 22.9



#82

3,3'-Dichlorobenzidine

Concen: 42.969 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

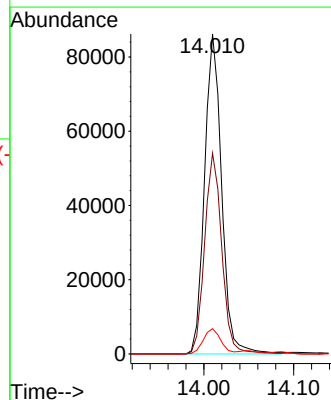
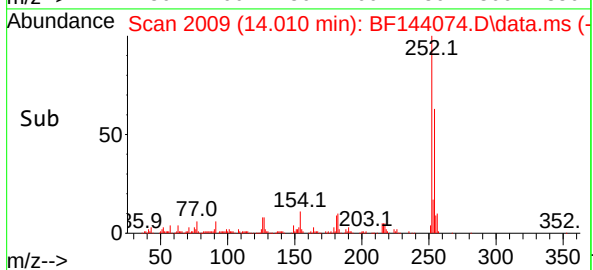
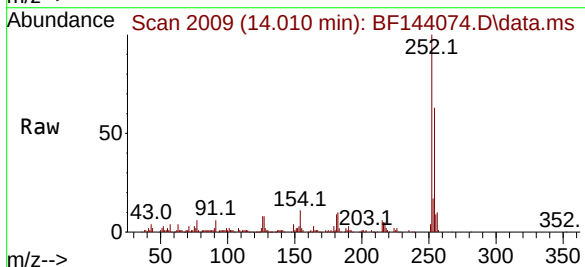
Tgt Ion:252 Resp: 113938

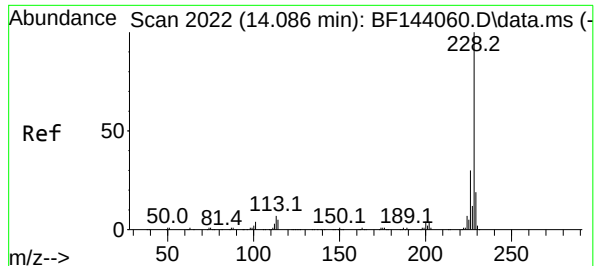
Ion Ratio Lower Upper

252 100

254 62.7 49.9 74.9

126 7.9 6.5 9.7





#83

Chrysene

Concen: 41.319 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

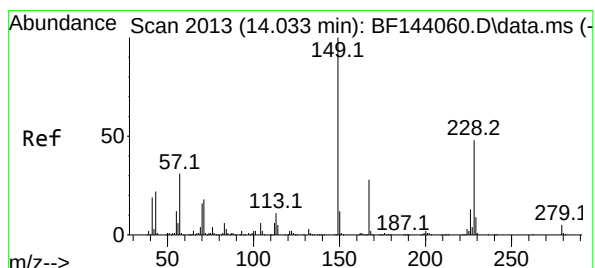
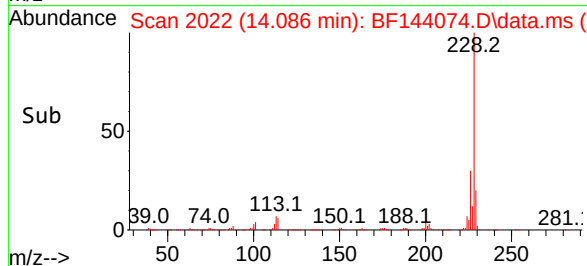
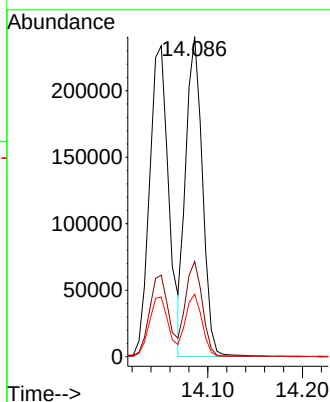
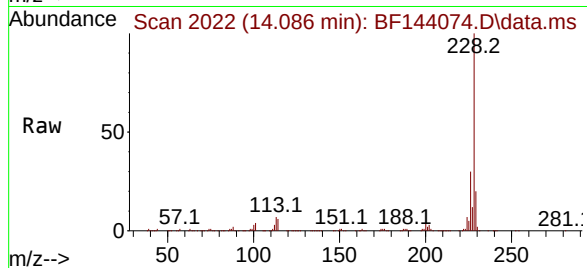
Tgt Ion:228 Resp: 295359

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.991 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

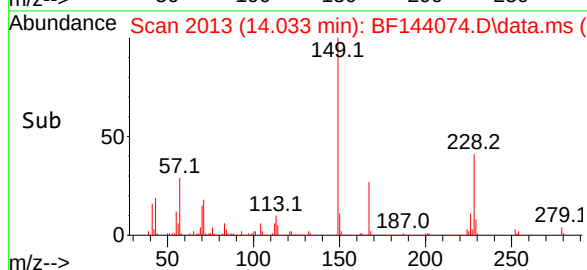
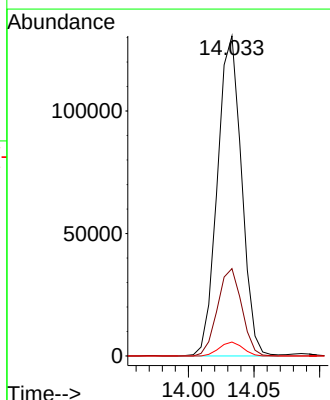
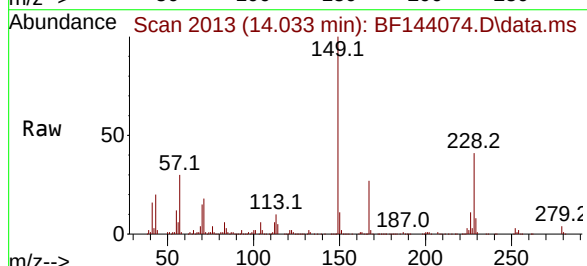
Tgt Ion:149 Resp: 167373

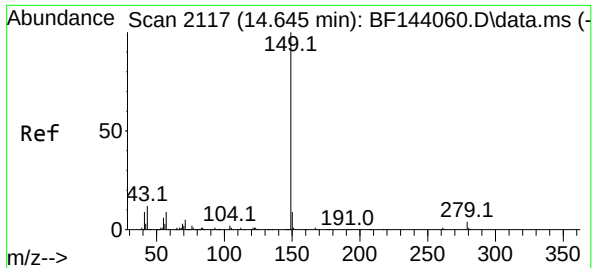
Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

279 4.4 3.6 5.4

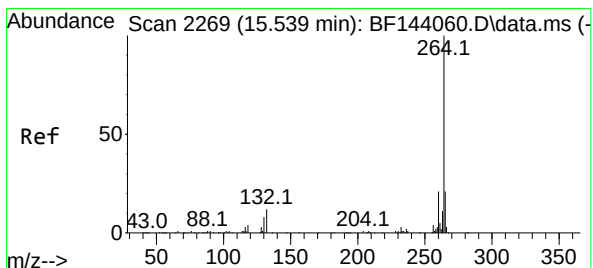
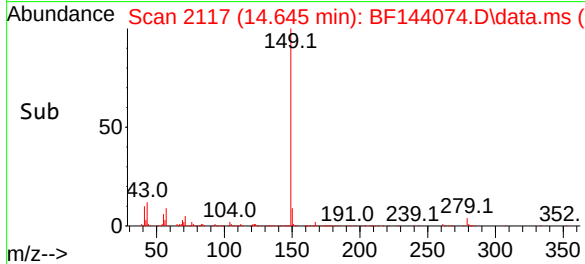
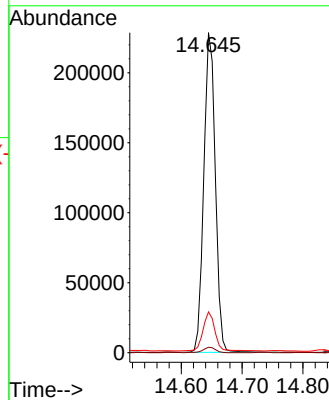
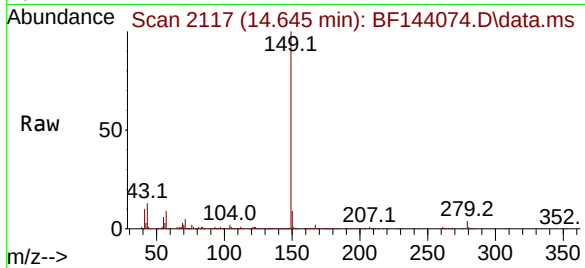




#85
Di-n-octyl phthalate
Concen: 41.585 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

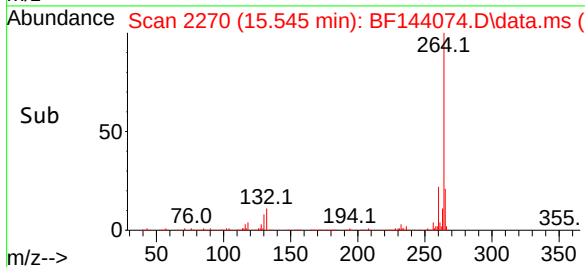
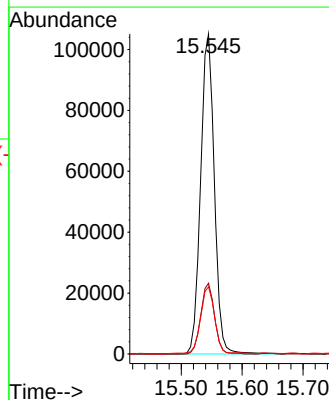
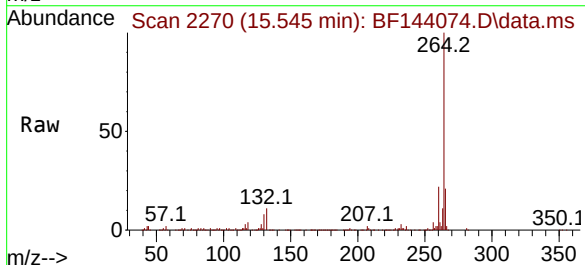
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

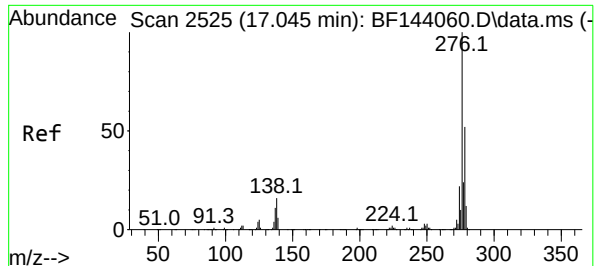
Tgt Ion:149 Resp: 299304
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8#
43 12.7 9.3 13.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144074.D
Acq: 27 Oct 2025 10:27

Tgt Ion:264 Resp: 164562
Ion Ratio Lower Upper
264 100
260 22.1 17.0 25.4
265 21.0 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.981 ng

RT: 17.051 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

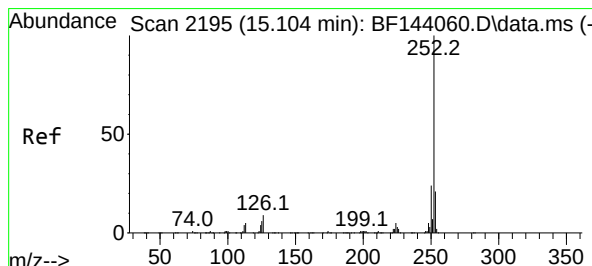
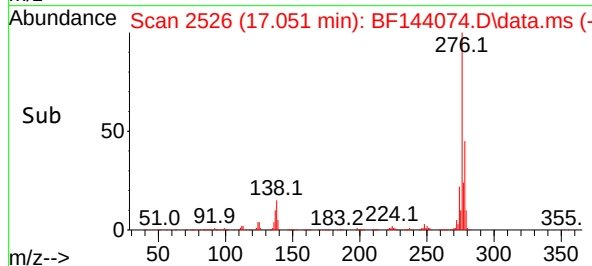
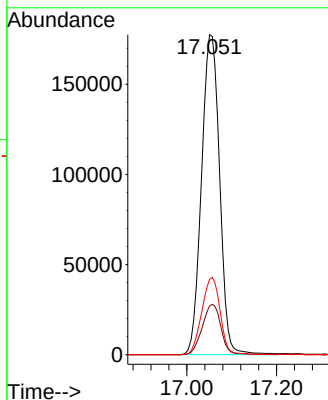
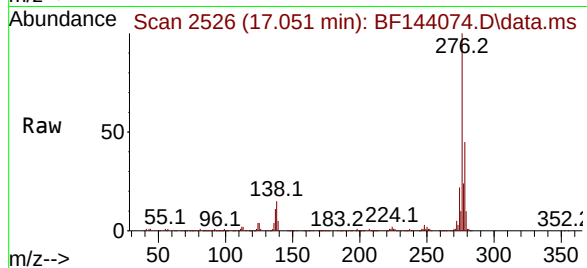
Tgt Ion:276 Resp: 496906

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

277 24.4 19.4 29.0



#88

Benzo(b)fluoranthene

Concen: 39.622 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

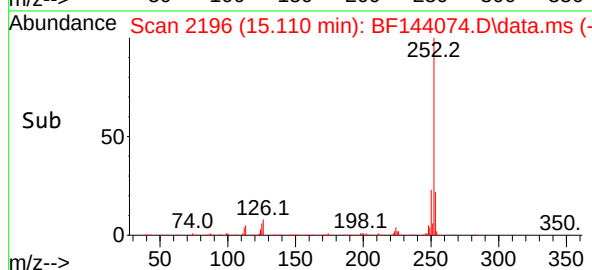
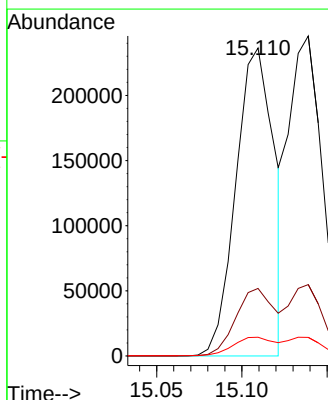
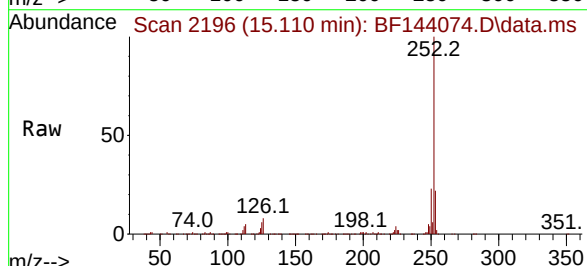
Tgt Ion:252 Resp: 368610

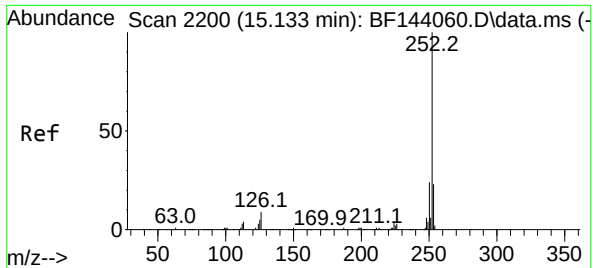
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.1 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 39.586 ng

RT: 15.139 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

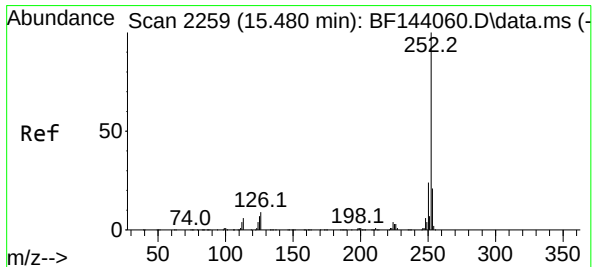
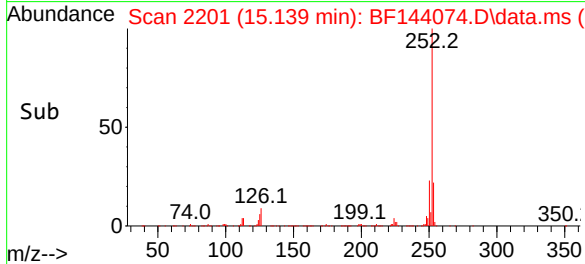
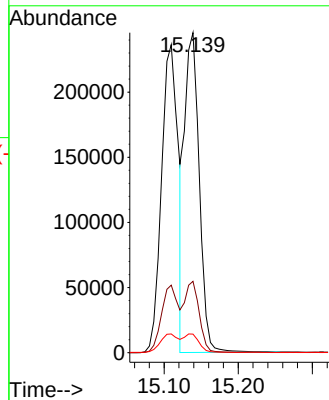
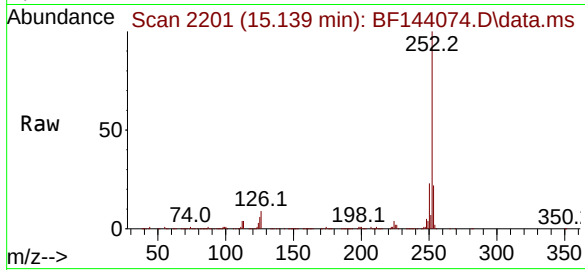
Tgt Ion:252 Resp: 339785

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 5.8 4.9 7.3



#90

Benzo(a)pyrene

Concen: 41.791 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

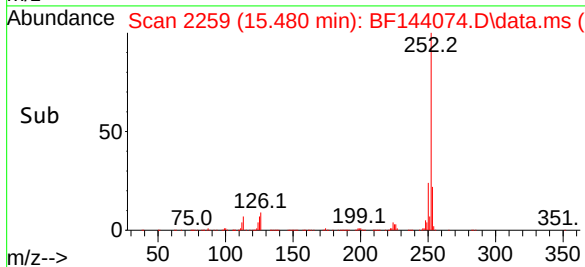
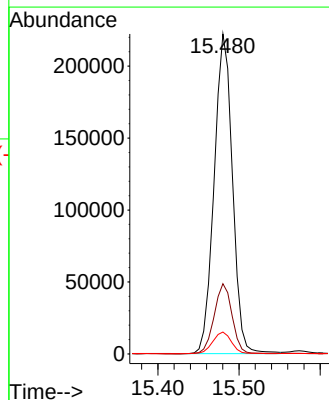
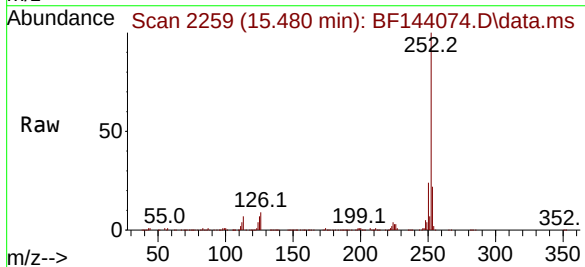
Tgt Ion:252 Resp: 348799

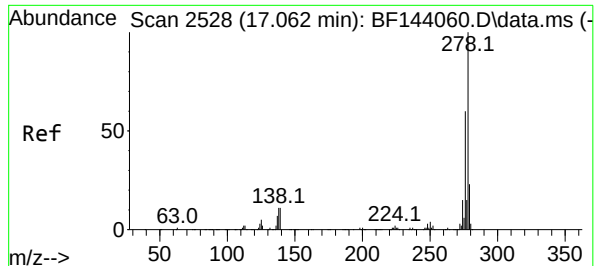
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

125 6.8 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 43.695 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

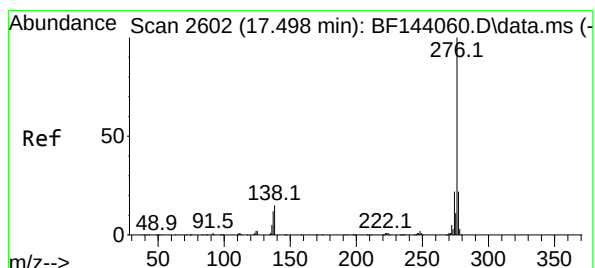
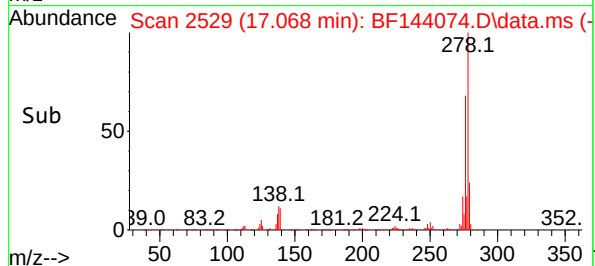
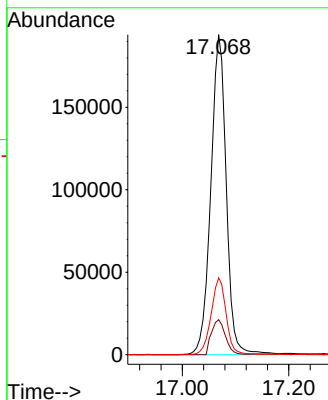
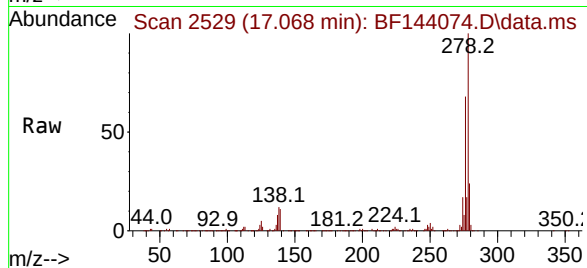
Tgt Ion:278 Resp: 390777

Ion Ratio Lower Upper

278 100

139 10.9 8.5 12.7

279 24.0 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 43.914 ng

RT: 17.509 min Scan# 2604

Delta R.T. 0.012 min

Lab File: BF144074.D

Acq: 27 Oct 2025 10:27

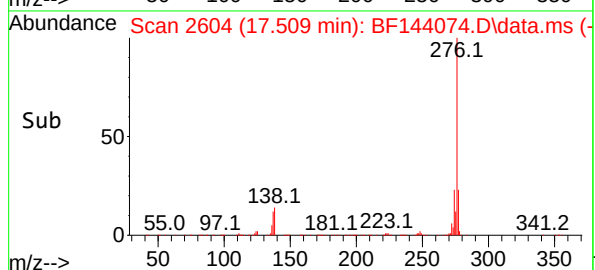
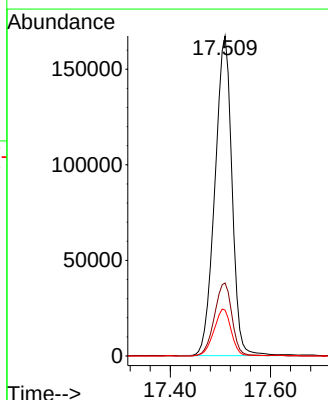
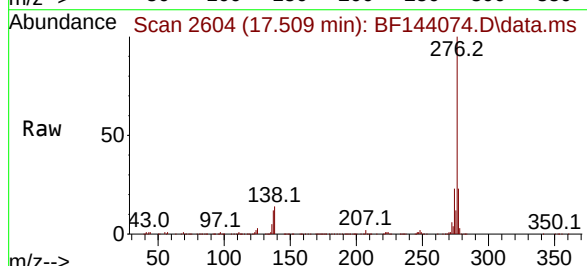
Tgt Ion:276 Resp: 394850

Ion Ratio Lower Upper

276 100

277 22.8 17.9 26.9

138 14.3 12.0 18.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 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	110	0.00
2	1,4-Dioxane	0.546	0.545	0.2	109	-0.01
3	Pyridine	1.462	1.525	-4.3	110	0.00
4	n-Nitrosodimethylamine	0.899	0.858	4.6	104	0.00
5 S	2-Fluorophenol	1.264	1.380	-9.2	117	0.00
6	Aniline	1.997	2.149	-7.6	118	0.00
7 S	Phenol-d6	1.396	1.515	-8.5	119	0.00
8	2-Chlorophenol	1.245	1.332	-7.0	118	0.00
9	Benzaldehyde	1.084	1.063	1.9	112	0.00
10 C	Phenol	1.722	1.833	-6.4	117	0.00
11	bis(2-Chloroethyl)ether	1.245	1.349	-8.4	119	0.00
12	1,3-Dichlorobenzene	1.536	1.641	-6.8	116	0.00
13 C	1,4-Dichlorobenzene	1.513	1.626	-7.5	116	0.00
14	1,2-Dichlorobenzene	1.464	1.550	-5.9	116	0.00
15	Benzyl Alcohol	1.135	1.248	-10.0	120	0.00
16	2,2'-oxybis(1-Chloropropane	2.339	2.496	-6.7	116	0.00
17	2-Methylphenol	0.957	1.041	-8.8	123	0.00
18	Hexachloroethane	0.541	0.579	-7.0	117	0.00
19 P	n-Nitroso-di-n-propylamine	0.903	0.952	-5.4	120	0.00
20	3+4-Methylphenols	1.132	1.219	-7.7	115	0.00
21 I	Naphthalene-d8	1.000	1.000	0.0	115	0.00
22	Acetophenone	0.432	0.456	-5.6	120	0.00
23 S	Nitrobenzene-d5	0.365	0.385	-5.5	120	0.00
24	Nitrobenzene	0.386	0.407	-5.4	119	0.00
25	Isophorone	0.638	0.683	-7.1	122	0.00
26 C	2-Nitrophenol	0.184	0.199	-8.2	119	0.00
27	2,4-Dimethylphenol	0.273	0.309	-13.2	124	0.00
28	bis(2-Chloroethoxy)methane	0.398	0.425	-6.8	121	0.00
29 C	2,4-Dichlorophenol	0.317	0.336	-6.0	119	0.00
30	1,2,4-Trichlorobenzene	0.327	0.335	-2.4	115	0.00
31	Naphthalene	0.944	0.998	-5.7	118	0.00
32	Benzoic acid	0.173	0.181	-4.6	142	0.00
33	4-Chloroaniline	0.329	0.363	-10.3	124	0.00
34 C	Hexachlorobutadiene	0.267	0.273	-2.2	116	0.00
35	Caprolactam	0.080	0.087	-8.7	118	0.00
36 C	4-Chloro-3-methylphenol	0.280	0.302	-7.9	123	0.00
37	2-Methylnaphthalene	0.622	0.664	-6.8	118	0.00
38	1-Methylnaphthalene	0.590	0.636	-7.8	123	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	124	0.00
40	1,2,4,5-Tetrachlorobenzene	0.687	0.712	-3.6	125	0.00
41 P	Hexachlorocyclopentadiene	0.212	0.233	-9.9	132	0.00
42 S	2,4,6-Tribromophenol	0.255	0.270	-5.9	128	0.00
43 C	2,4,6-Trichlorophenol	0.447	0.457	-2.2	120	0.00
44	2,4,5-Trichlorophenol	0.469	0.499	-6.4	132	0.00
45 S	2-Fluorobiphenyl	1.421	1.420	0.1	121	0.00
46	1,1'-Biphenyl	1.432	1.433	-0.1	120	0.00
47	2-Chloronaphthalene	1.199	1.225	-2.2	124	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 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	0.356	0.384	-7.9	125	0.00
49	Acenaphthylene	1.617	1.654	-2.3	120	0.00
50	Dimethylphthalate	1.311	1.344	-2.5	122	0.00
51	2,6-Dinitrotoluene	0.259	0.282	-8.9	127	0.00
52 C	Acenaphthene	1.080	1.105	-2.3	123	0.00
53	3-Nitroaniline	0.288	0.296	-2.8	114	0.00
54 P	2,4-Dinitrophenol	0.140	0.137	2.1	137	0.00
55	Dibenzofuran	1.499	1.549	-3.3	123	0.00
56 P	4-Nitrophenol	0.195	0.203	-4.1	134	0.00
57	2,4-Dinitrotoluene	0.350	0.367	-4.9	118	0.00
58	Fluorene	1.143	1.167	-2.1	121	0.00
59	2,3,4,6-Tetrachlorophenol	0.330	0.362	-9.7	124	0.00
60	Diethylphthalate	1.233	1.247	-1.1	120	0.00
61	4-Chlorophenyl-phenylether	0.643	0.665	-3.4	122	0.00
62	4-Nitroaniline	0.273	0.281	-2.9	117	0.00
63	Azobenzene	1.167	1.180	-1.1	118	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	116	0.00
65	4,6-Dinitro-2-methylphenol	0.128	0.134	-4.7	126	0.00
66 c	n-Nitrosodiphenylamine	0.639	0.685	-7.2	123	0.00
67	4-Bromophenyl-phenylether	0.250	0.275	-10.0	122	0.00
68	Hexachlorobenzene	0.307	0.333	-8.5	120	0.00
69	Atrazine	0.210	0.202	3.8	112	0.00
70 C	Pentachlorophenol	0.146	0.160	-9.6	124	0.00
71	Phenanthrene	0.994	1.034	-4.0	117	0.00
72	Anthracene	1.026	1.032	-0.6	113	0.00
73	Carbazole	0.874	0.880	-0.7	112	0.00
74	Di-n-butylphthalate	1.071	1.039	3.0	107	0.00
75 C	Fluoranthene	1.098	1.041	5.2	107	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	91	0.00
77	Benzidine	0.622	0.645	-3.7	88	0.00
78	Pyrene	1.438	1.685	-17.2	101	0.00
79 S	Terphenyl-d14	1.144	1.306	-14.2	98	0.00
80	Butylbenzylphthalate	0.544	0.551	-1.3	84	0.00
81	Benzo(a)anthracene	1.352	1.462	-8.1	88	0.00
82	3,3'-Dichlorobenzidine	0.470	0.505	-7.4	90	0.00
83	Chrysene	1.268	1.310	-3.3	91	0.00
84	Bis(2-ethylhexyl)phthalate	0.743	0.742	0.1	85	0.00
85 c	Di-n-octyl phthalate	1.277	1.328	-4.0	87	0.00
86 I	Perylene-d12	1.000	1.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	1.373	1.510	-10.0	110	0.00
88	Benzo(b)fluoranthene	1.131	1.120	1.0	95	0.00
89	Benzo(k)fluoranthene	1.043	1.032	1.1	105	0.00
90 C	Benzo(a)pyrene	1.014	1.060	-4.5	105	0.00
91	Dibenzo(a,h)anthracene	1.087	1.187	-9.2	110	0.00
92	Benzo(g,h,i)perylene	1.093	1.200	-9.8	108	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144074.D
Acq On : 27 Oct 2025 10:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
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Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 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	110	0.00
2	1,4-Dioxane	40.000	39.936	0.2	109	-0.01
3	Pyridine	40.000	41.712	-4.3	110	0.00
4	n-Nitrosodimethylamine	40.000	38.172	4.6	104	0.00
5 S	2-Fluorophenol	80.000	87.355	-9.2	117	0.00
6	Aniline	40.000	43.042	-7.6	118	0.00
7 S	Phenol-d6	80.000	86.803	-8.5	119	0.00
8	2-Chlorophenol	40.000	42.812	-7.0	118	0.00
9	Benzaldehyde	40.000	39.213	2.0	112	0.00
10 C	Phenol	40.000	42.559	-6.4	117	0.00
11	bis(2-Chloroethyl)ether	40.000	43.342	-8.4	119	0.00
12	1,3-Dichlorobenzene	40.000	42.743	-6.9	116	0.00
13 C	1,4-Dichlorobenzene	40.000	42.963	-7.4	116	0.00
14	1,2-Dichlorobenzene	40.000	42.349	-5.9	116	0.00
15	Benzyl Alcohol	40.000	43.981	-10.0	120	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	42.682	-6.7	116	0.00
17	2-Methylphenol	40.000	43.474	-8.7	123	0.00
18	Hexachloroethane	40.000	42.808	-7.0	117	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	42.191	-5.5	120	0.00
20	3+4-Methylphenols	40.000	43.078	-7.7	115	0.00
21 I	Naphthalene-d8	20.000	20.000	0.0	115	0.00
22	Acetophenone	40.000	42.203	-5.5	120	0.00
23 S	Nitrobenzene-d5	80.000	84.277	-5.3	120	0.00
24	Nitrobenzene	40.000	42.153	-5.4	119	0.00
25	Isophorone	40.000	42.811	-7.0	122	0.00
26 C	2-Nitrophenol	40.000	43.268	-8.2	119	0.00
27	2,4-Dimethylphenol	40.000	45.340	-13.4	124	0.00
28	bis(2-Chloroethoxy)methane	40.000	42.723	-6.8	121	0.00
29 C	2,4-Dichlorophenol	40.000	42.393	-6.0	119	0.00
30	1,2,4-Trichlorobenzene	40.000	41.079	-2.7	115	0.00
31	Naphthalene	40.000	42.271	-5.7	118	0.00
32	Benzoic acid	40.000	41.781	-4.5	142	0.00
33	4-Chloroaniline	40.000	44.158	-10.4	124	0.00
34 C	Hexachlorobutadiene	40.000	40.877	-2.2	116	0.00
35	Caprolactam	40.000	43.869	-9.7	118	0.00
36 C	4-Chloro-3-methylphenol	40.000	43.150	-7.9	123	0.00
37	2-Methylnaphthalene	40.000	42.699	-6.7	118	0.00
38	1-Methylnaphthalene	40.000	43.152	-7.9	123	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	124	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	41.440	-3.6	125	0.00
41 P	Hexachlorocyclopentadiene	40.000	43.878	-9.7	132	0.00
42 S	2,4,6-Tribromophenol	80.000	84.893	-6.1	128	0.00
43 C	2,4,6-Trichlorophenol	40.000	40.949	-2.4	120	0.00
44	2,4,5-Trichlorophenol	40.000	42.599	-6.5	132	0.00
45 S	2-Fluorobiphenyl	80.000	79.903	0.1	121	0.00
46	1,1'-Biphenyl	40.000	40.027	-0.1	120	0.00
47	2-Chloronaphthalene	40.000	40.869	-2.2	124	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144074.D
 Acq On : 27 Oct 2025 10:27
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 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	43.173	-7.9	125	0.00
49	Acenaphthylene	40.000	40.908	-2.3	120	0.00
50	Dimethylphthalate	40.000	41.020	-2.6	122	0.00
51	2,6-Dinitrotoluene	40.000	43.531	-8.8	127	0.00
52 C	Acenaphthene	40.000	40.938	-2.3	123	0.00
53	3-Nitroaniline	40.000	41.061	-2.7	114	0.00
54 P	2,4-Dinitrophenol	40.000	38.960	2.6	137	0.00
55	Dibenzofuran	40.000	41.318	-3.3	123	0.00
56 P	4-Nitrophenol	40.000	41.527	-3.8	134	0.00
57	2,4-Dinitrotoluene	40.000	41.918	-4.8	118	0.00
58	Fluorene	40.000	40.866	-2.2	121	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	43.817	-9.5	124	0.00
60	Diethylphthalate	40.000	40.457	-1.1	120	0.00
61	4-Chlorophenyl-phenylether	40.000	41.424	-3.6	122	0.00
62	4-Nitroaniline	40.000	41.182	-3.0	117	0.00
63	Azobenzene	40.000	40.465	-1.2	118	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	116	0.00
65	4,6-Dinitro-2-methylphenol	40.000	41.715	-4.3	126	0.00
66 c	n-Nitrosodiphenylamine	40.000	42.907	-7.3	123	0.00
67	4-Bromophenyl-phenylether	40.000	43.947	-9.9	122	0.00
68	Hexachlorobenzene	40.000	43.436	-8.6	120	0.00
69	Atrazine	40.000	38.475	3.8	112	0.00
70 C	Pentachlorophenol	40.000	43.784	-9.5	124	0.00
71	Phenanthrene	40.000	41.610	-4.0	117	0.00
72	Anthracene	40.000	40.239	-0.6	113	0.00
73	Carbazole	40.000	40.288	-0.7	112	0.00
74	Di-n-butylphthalate	40.000	38.793	3.0	107	0.00
75 C	Fluoranthene	40.000	37.938	5.2	107	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	91	0.00
77	Benzydine	40.000	41.457	-3.6	88	0.00
78	Pyrene	40.000	46.872	-17.2	101	0.00
79 S	Terphenyl-d14	80.000	91.306	-14.1	98	0.00
80	Butylbenzylphthalate	40.000	40.484	-1.2	84	0.00
81	Benzo(a)anthracene	40.000	43.272	-8.2	88	0.00
82	3,3'-Dichlorobenzidine	40.000	42.969	-7.4	90	0.00
83	Chrysene	40.000	41.319	-3.3	91	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	39.991	0.0	85	0.00
85 c	Di-n-octyl phthalate	40.000	41.585	-4.0	87	0.00
86 I	Perylene-d12	20.000	20.000	0.0	108	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	43.981	-10.0	110	0.00
88	Benzo(b)fluoranthene	40.000	39.622	0.9	95	0.00
89	Benzo(k)fluoranthene	40.000	39.586	1.0	105	0.00
90 C	Benzo(a)pyrene	40.000	41.791	-4.5	105	0.00
91	Dibenzo(a,h)anthracene	40.000	43.695	-9.2	110	0.00
92	Benzo(g,h,i)perylene	40.000	43.914	-9.8	108	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144074.D
Acq On : 27 Oct 2025 10:27
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Oct 27 11:40:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 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)

(#) = Out of Range

SPCC's out = 0 CCC's out = 0



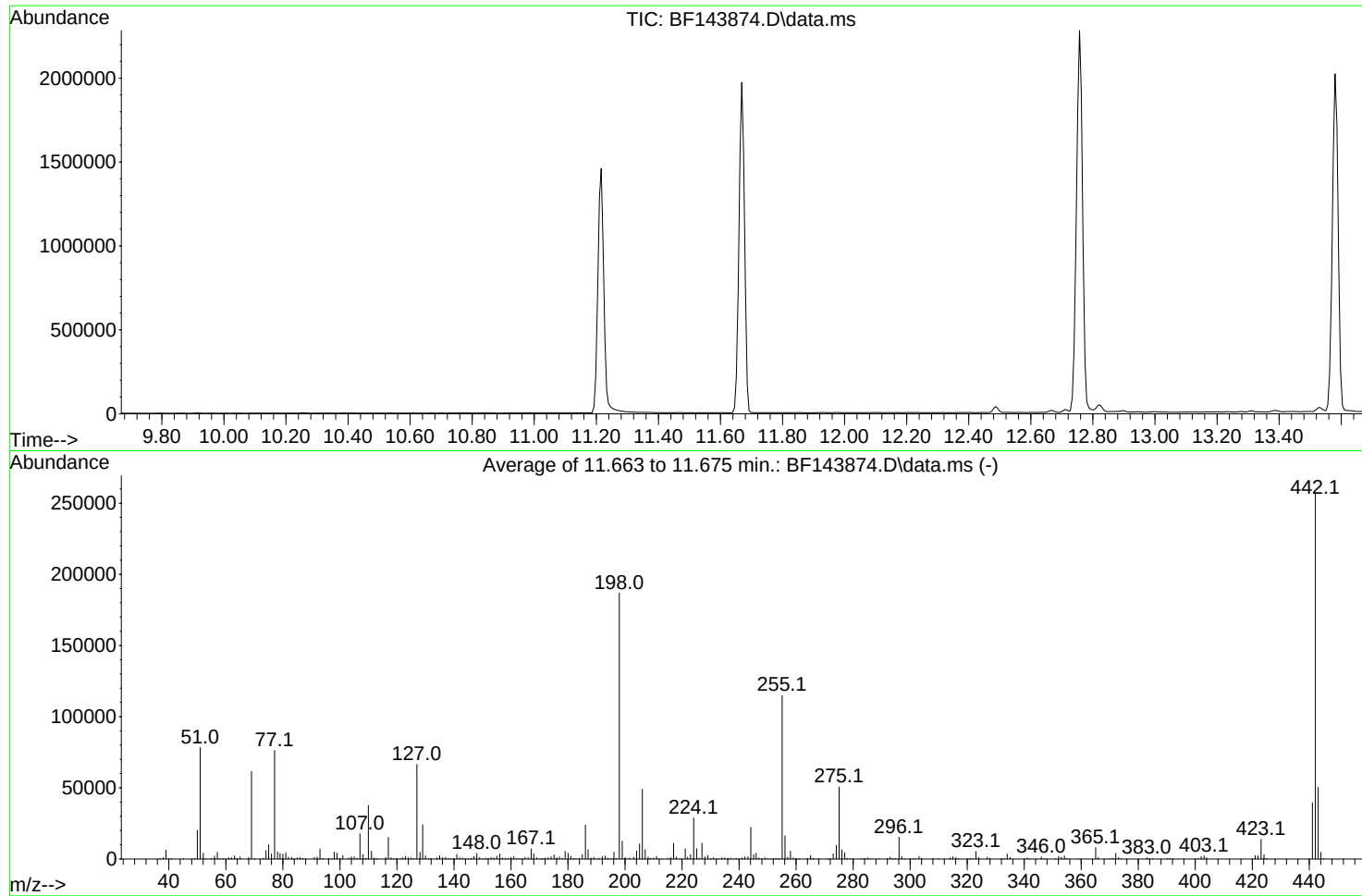
QC SAMPLE DATA

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



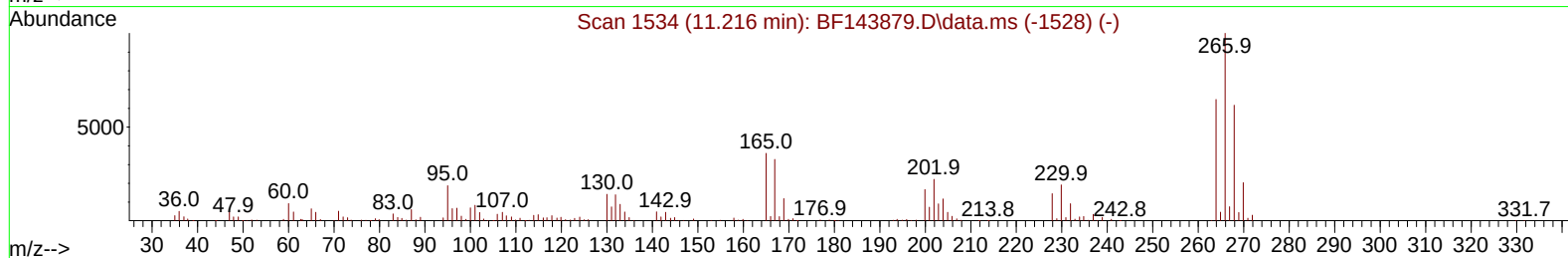
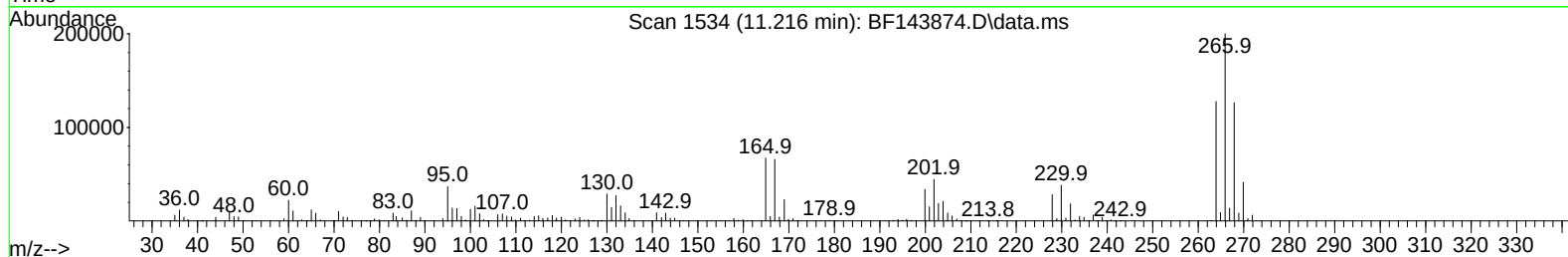
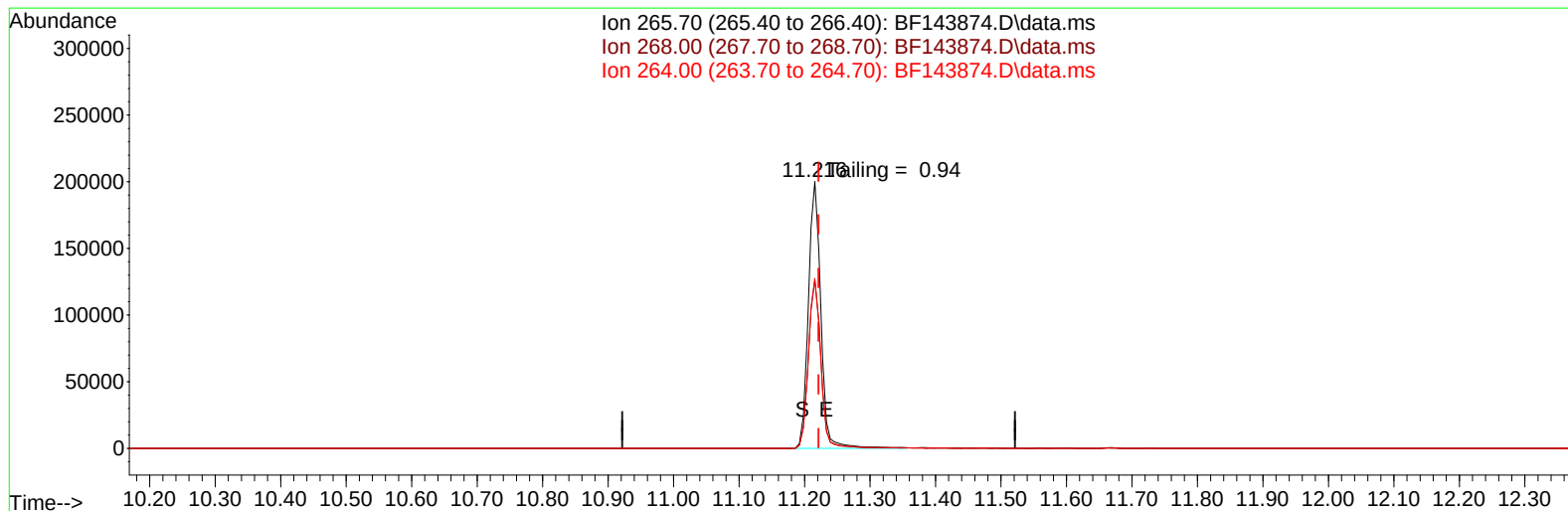
AutoFind: Scans 1610, 1611, 1612; Background Corrected with Scan 1603

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

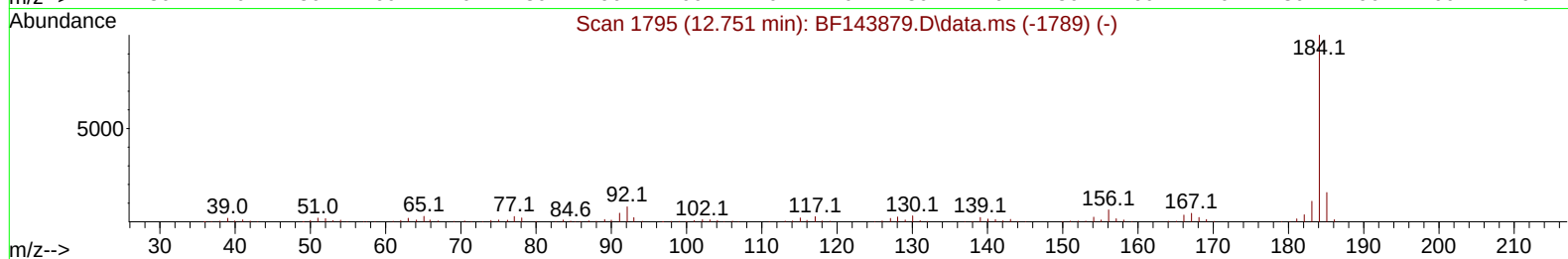
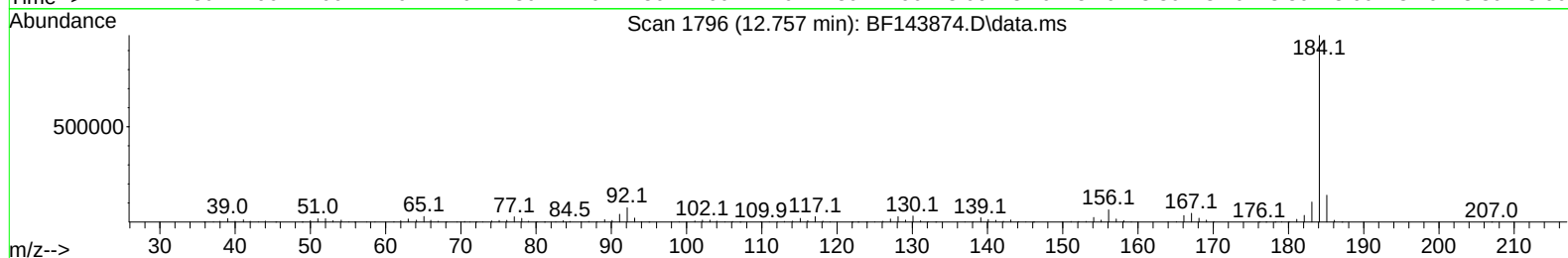
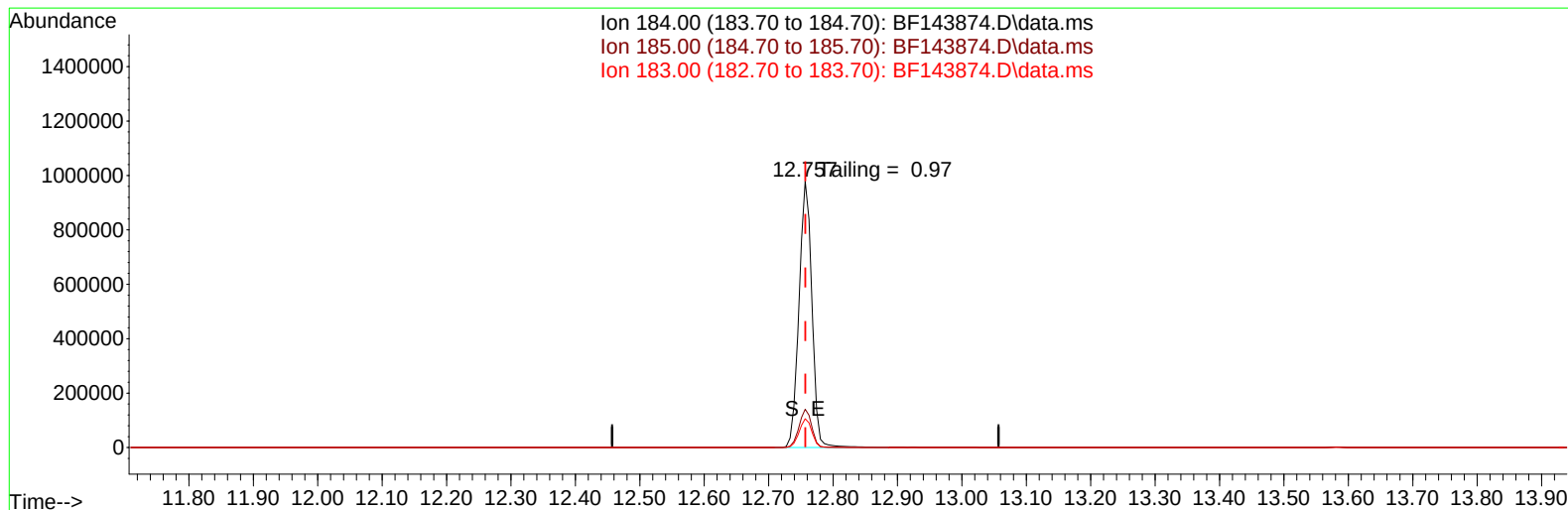
response 265194

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

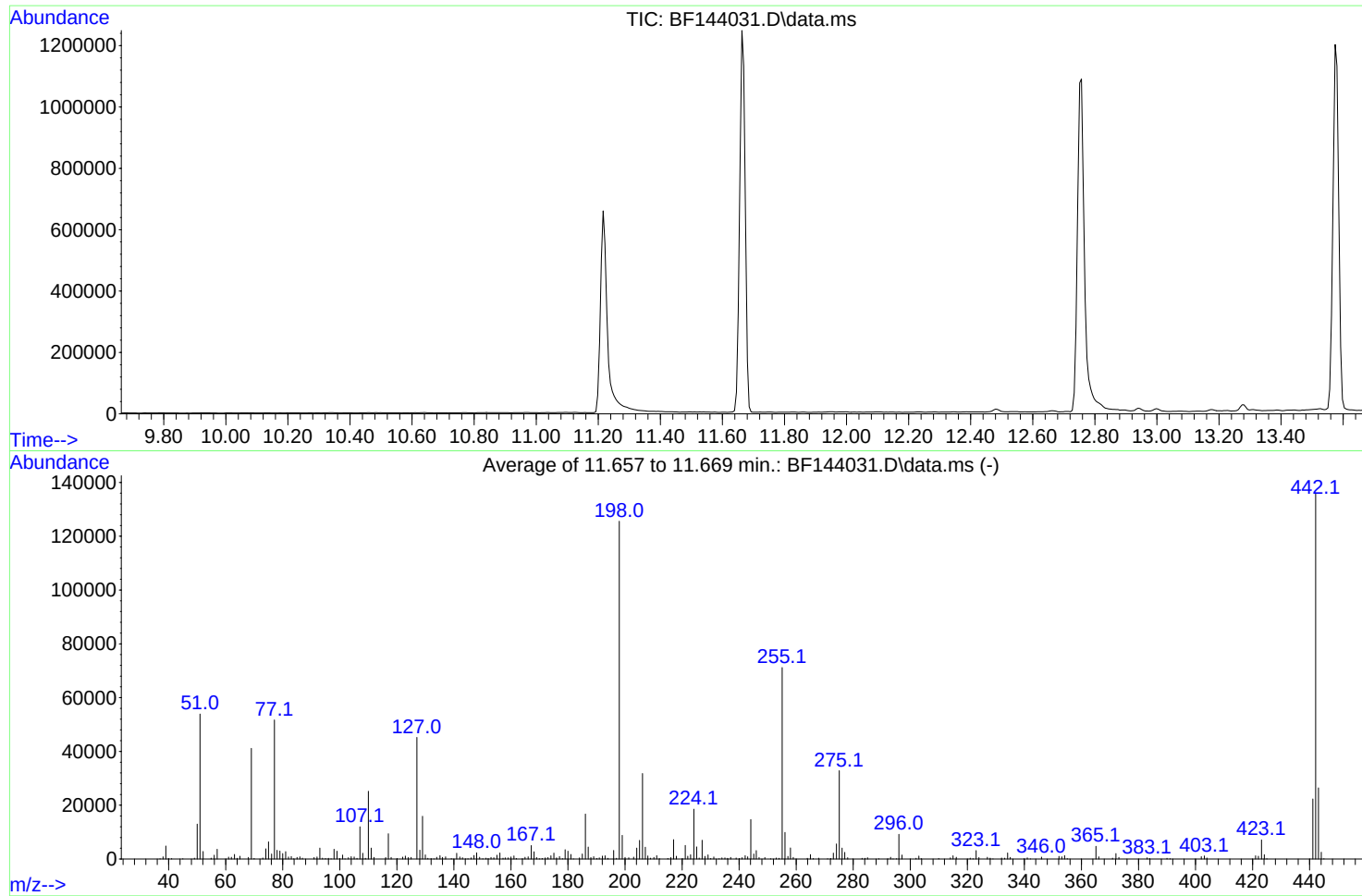
Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144031.D
Acq On : 22 Oct 2025 09:26
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 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	610	PASS
69	69	100	100	100.0	41155	PASS
70	69	0.00	2	0.6	235	PASS
197	198	0.00	2	0.2	273	PASS
198	198	100	100	100.0	125584	PASS
199	198	5	9	7.0	8799	PASS
365	198	1	100	3.8	4712	PASS
441	443	0.01	150	84.6	22367	PASS
442	442	100	100	100.0	135728	PASS
443	442	15	24	19.5	26434	PASS

DDT Breakdown

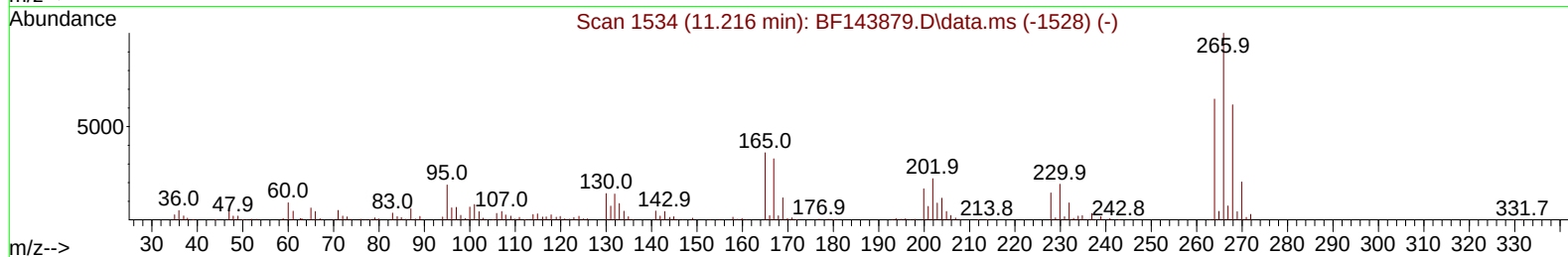
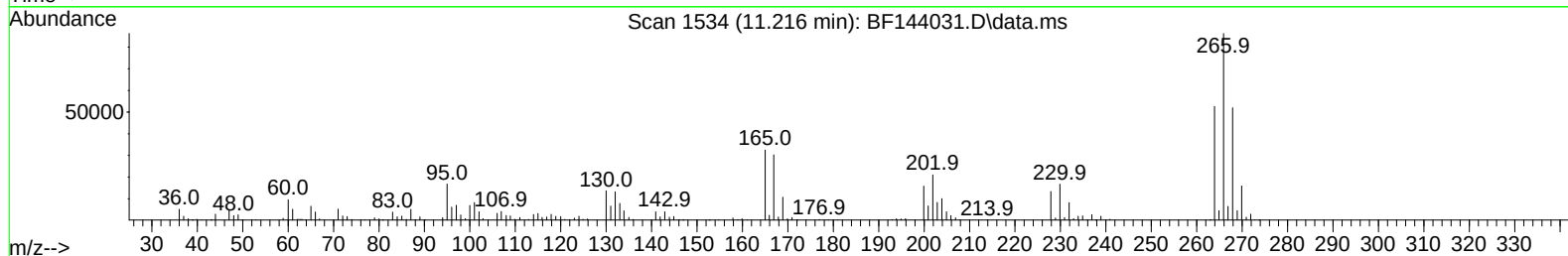
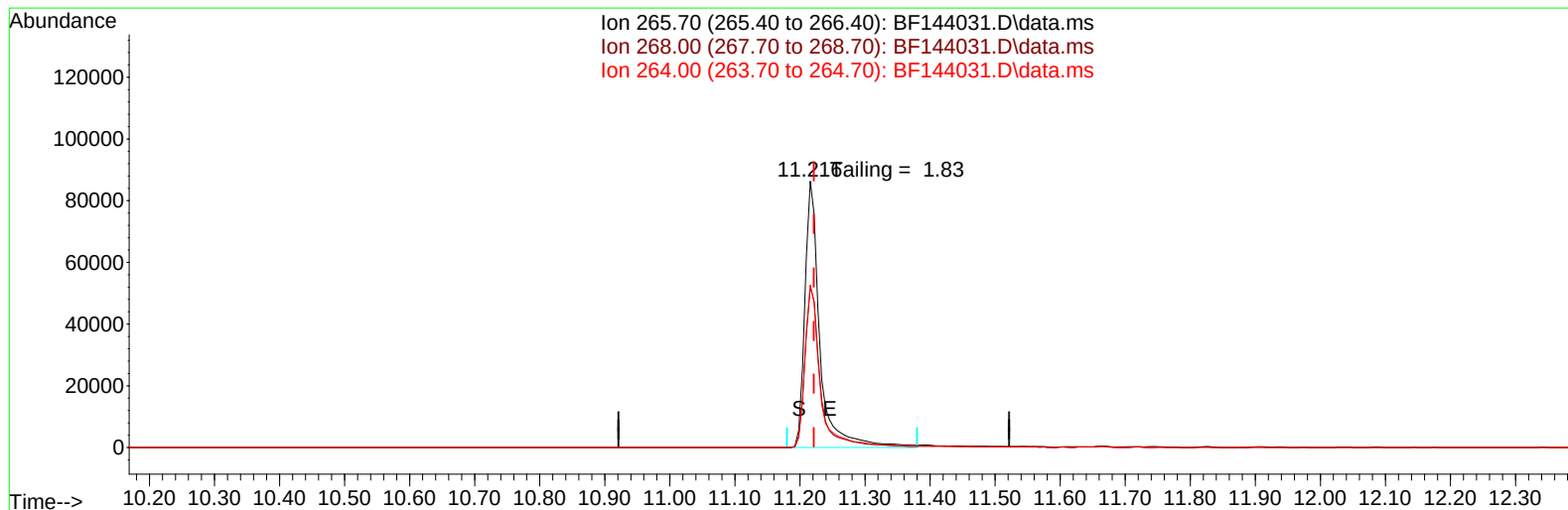
Date	Instrument Name	DFTPP Data File
10/22/2025	BNA_F	<u>BF144031.D</u>
Compound Name	Response	Retention Time
DDT	316043	13.574
DDD	8713	13.28
DDE	2730	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
11443	327486	3.49

Instrument :
BNA_F
ClientSampleId :
DFTPP

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144031.D
Acq On : 22 Oct 2025 09:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 22 12:25:09 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: BF144031.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 25307.30 ng

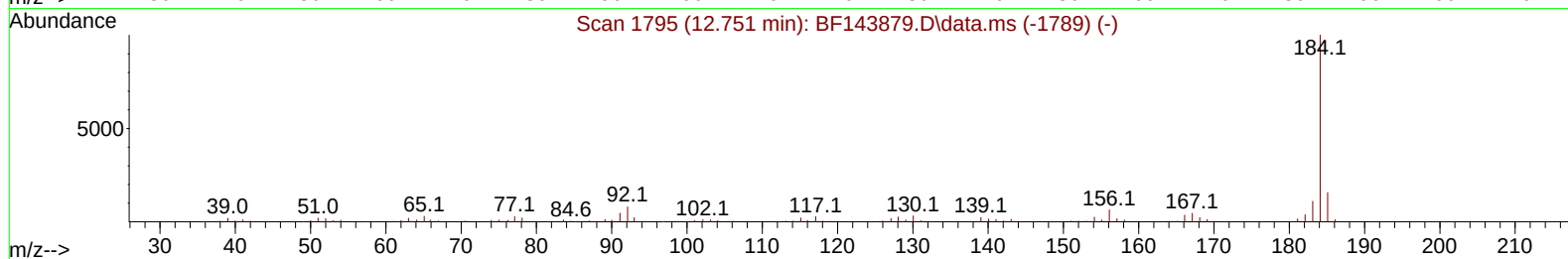
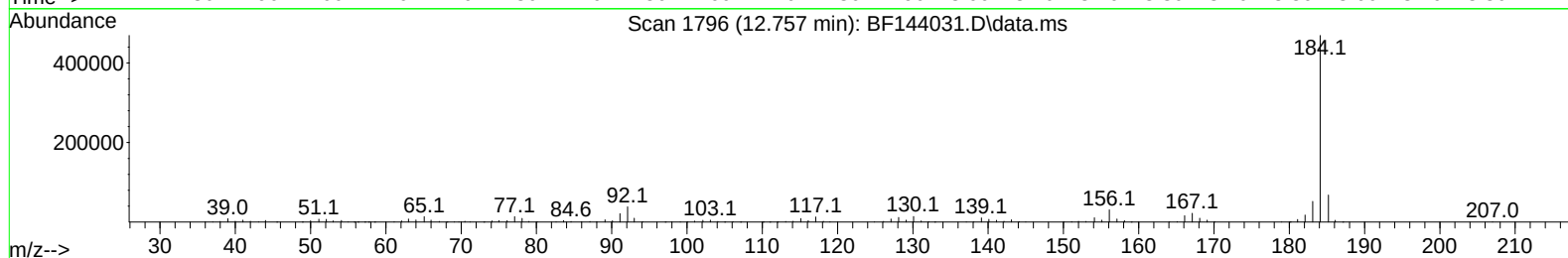
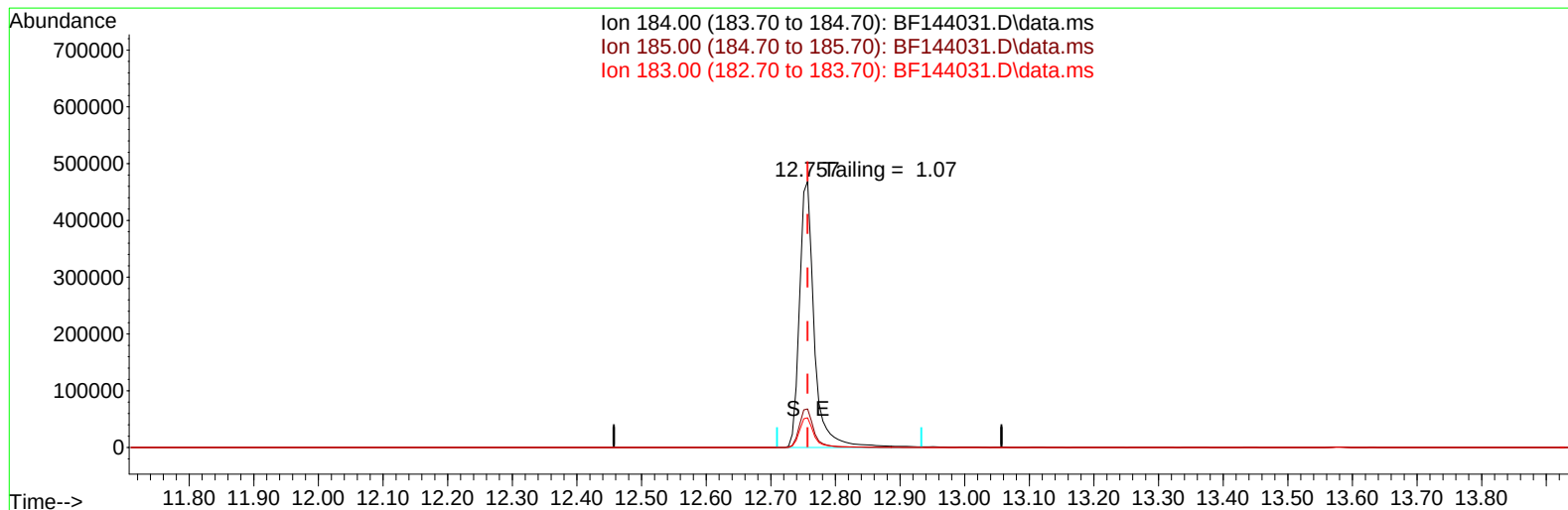
response 139659

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	60.26
264.00	64.70	61.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144031.D
Acq On : 22 Oct 2025 09:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 22 12:25:09 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: BF144031.D\data.ms

(77) Benzidine

12.757min (-0.000) 0.00 ng

response 749496

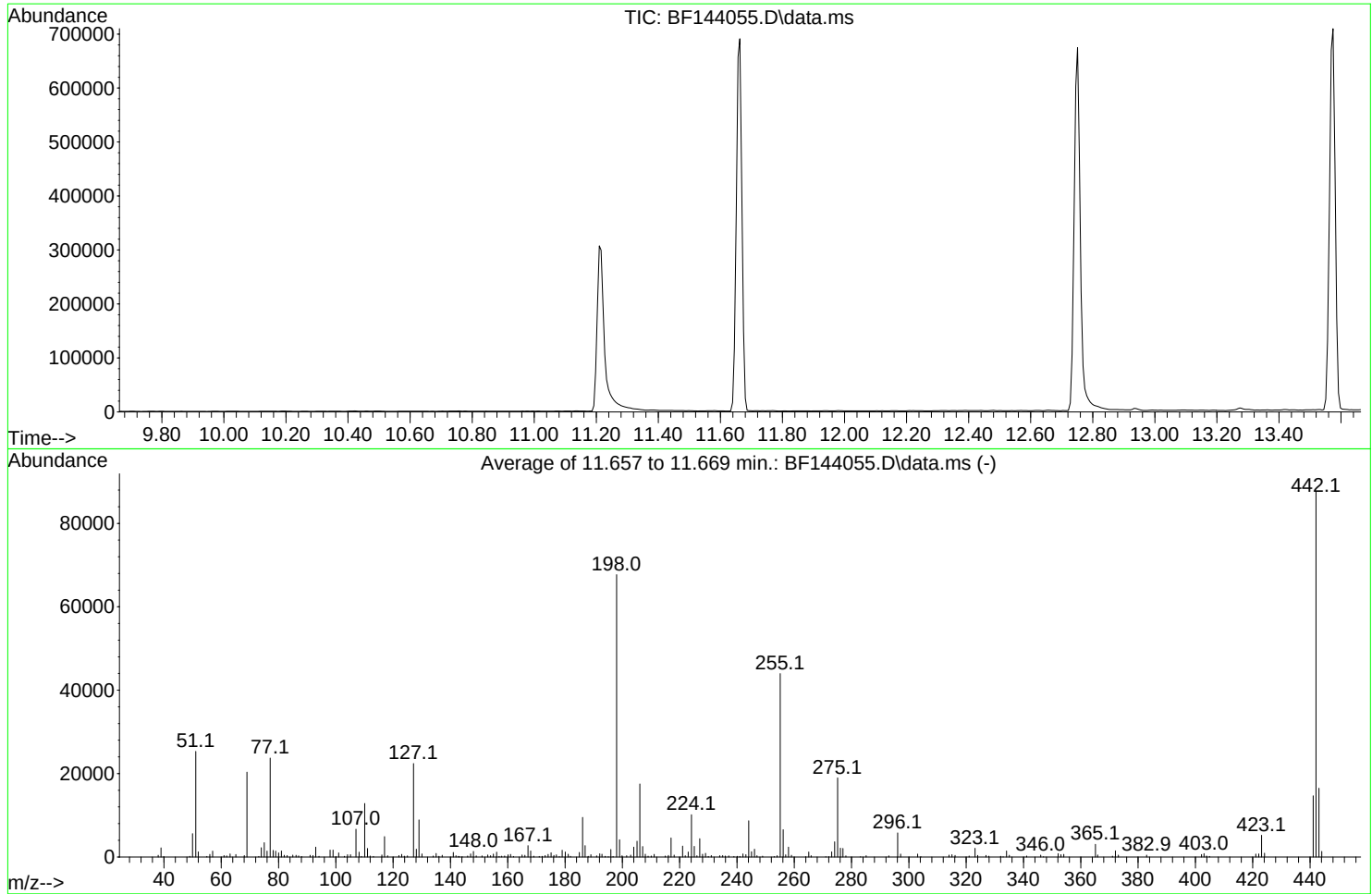
Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.47
183.00	11.00	11.14
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144055.D
Acq On : 24 Oct 2025 09:45
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-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 17:30:25 2025



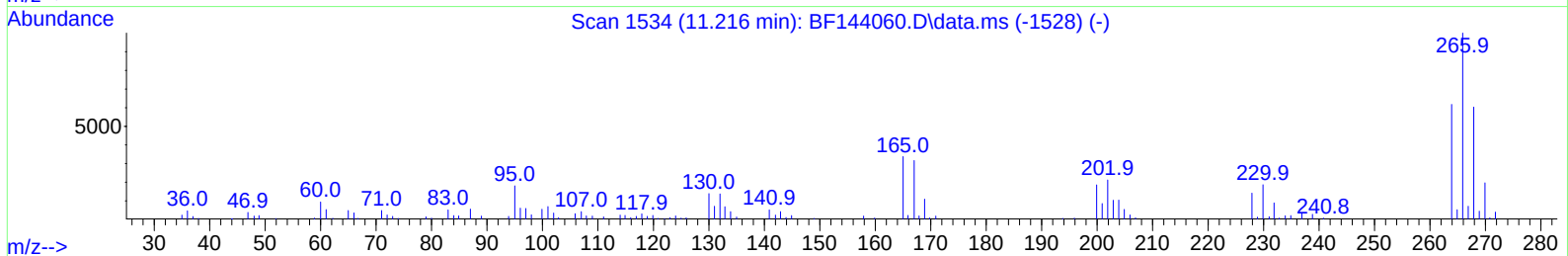
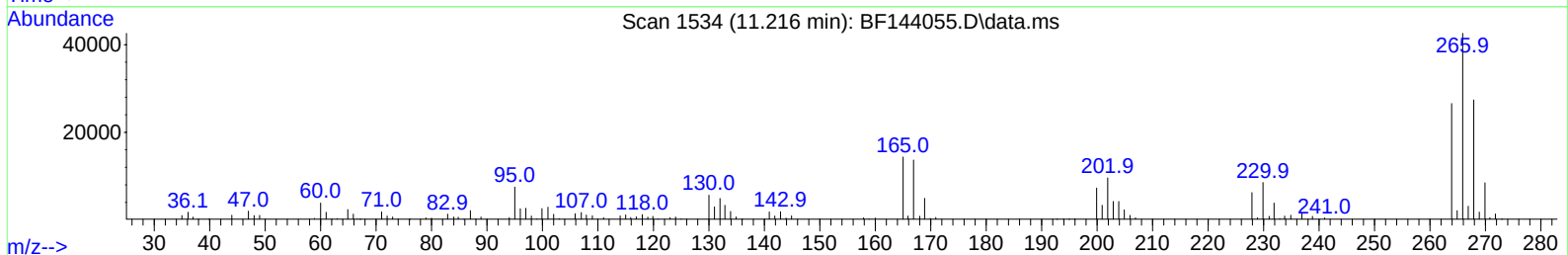
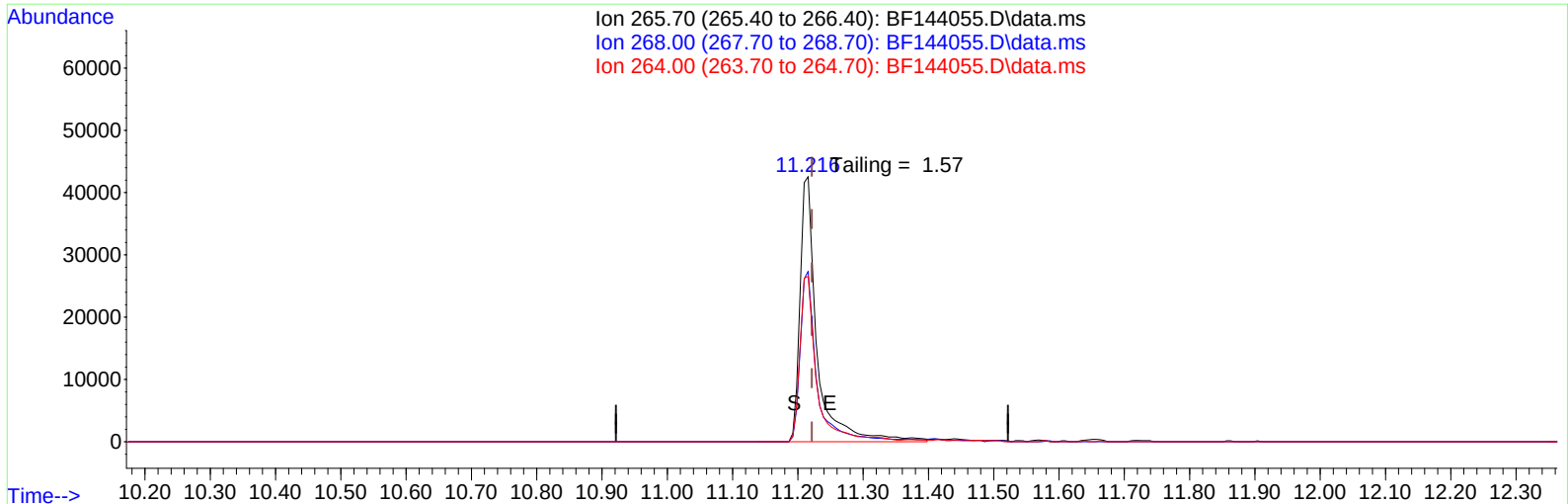
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	333	PASS
69	69	100	100	100.0	20363	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.2	133	PASS
198	198	100	100	100.0	67712	PASS
199	198	5	9	6.1	4142	PASS
365	198	1	100	4.5	3052	PASS
441	443	0.01	150	89.0	14677	PASS
442	442	100	100	100.0	87547	PASS
443	442	15	24	18.8	16486	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144055.D
Acq On : 24 Oct 2025 09:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 24 10:43:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF144055.D\data.ms

(70) Pentachlorophenol (C)

11.216min (-0.006) 43857.19 ng

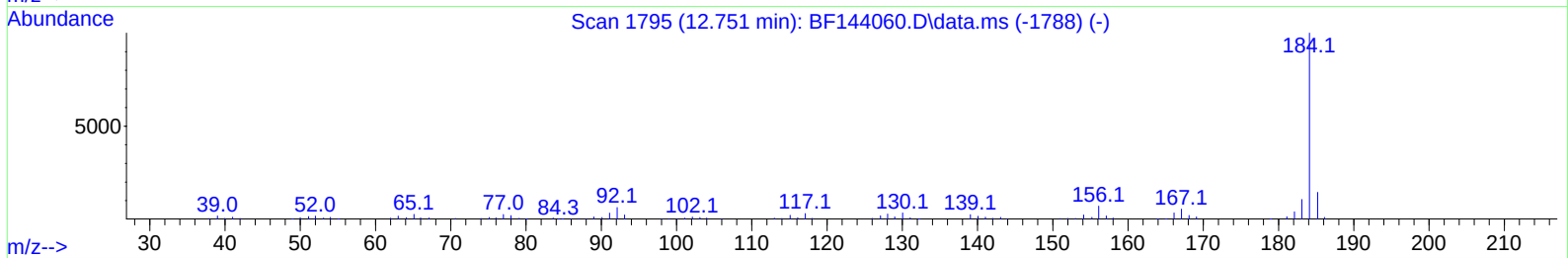
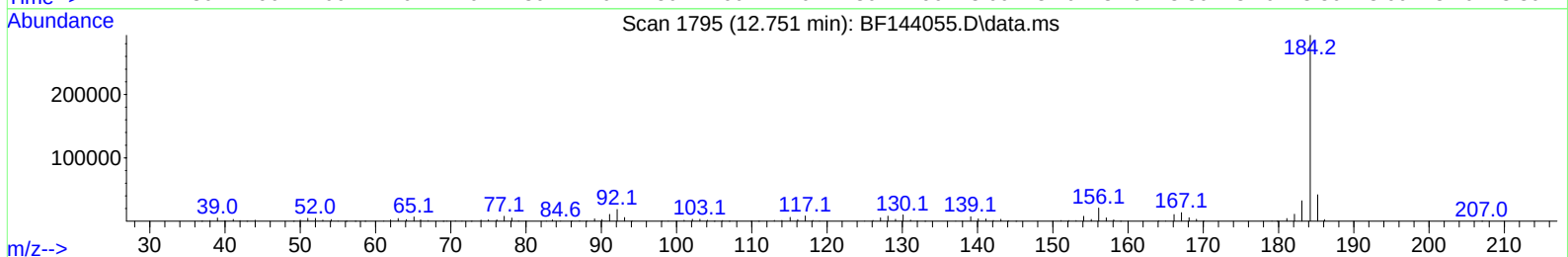
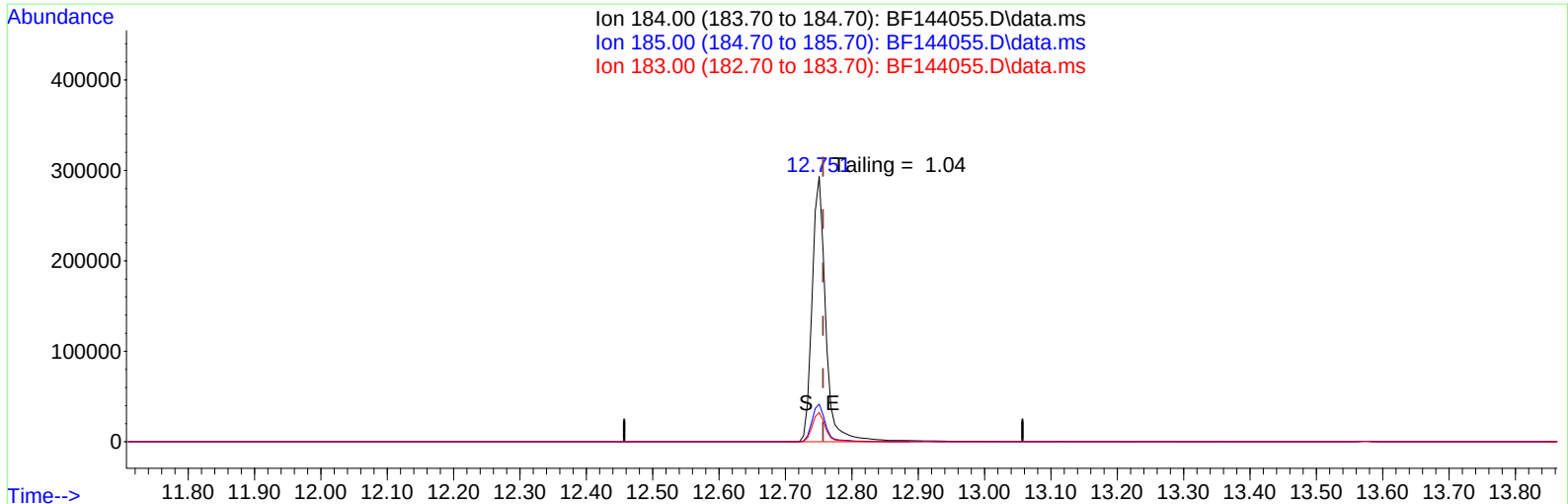
response 76701

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.70	64.29
264.00	64.70	62.39
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
Data File : BF144055.D
Acq On : 24 Oct 2025 09:45
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 24 10:43:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



TIC: BF144055.D\data.ms

(77) Benzidine

12.751min (-0.006) 0.00 ng

response 416414

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	15.70	14.23
183.00	11.00	11.07
0.00	0.00	0.00

DDT Breakdown

Instrument :
BNA_F
ClientSampleId :
DFTPP

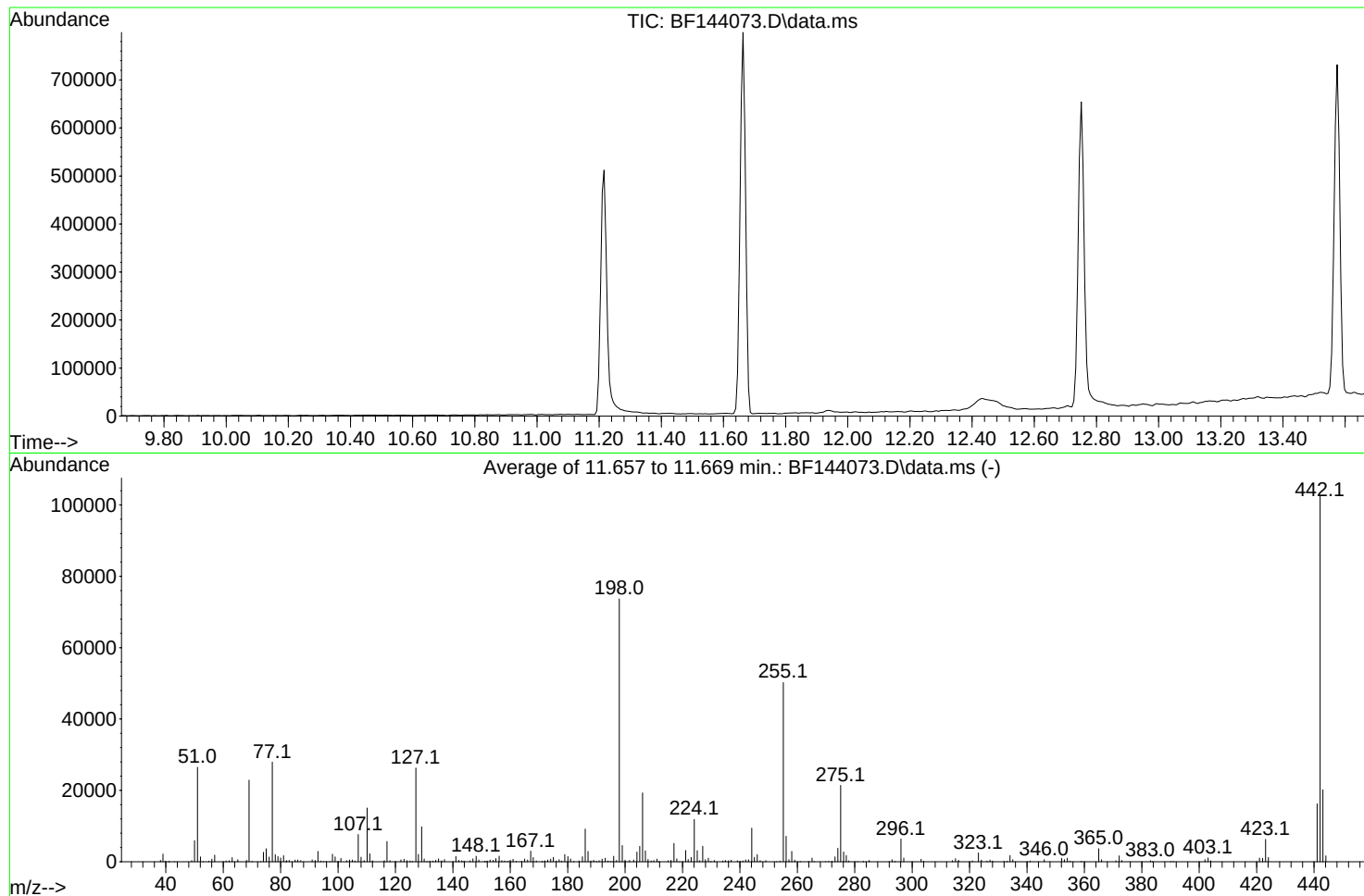
Date	Instrument Name	DFTPP Data File
10/24/2025	BNA_F	<u>BF144055.D</u>
Compound Name	Response	Retention Time
DDT	192449	13.574
DDD	3266	13.274
DDE	1346	12.939
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
4612	197061	2.34

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144073.D
Acq On : 27 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-BF102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Oct 24 17:30:25 2025



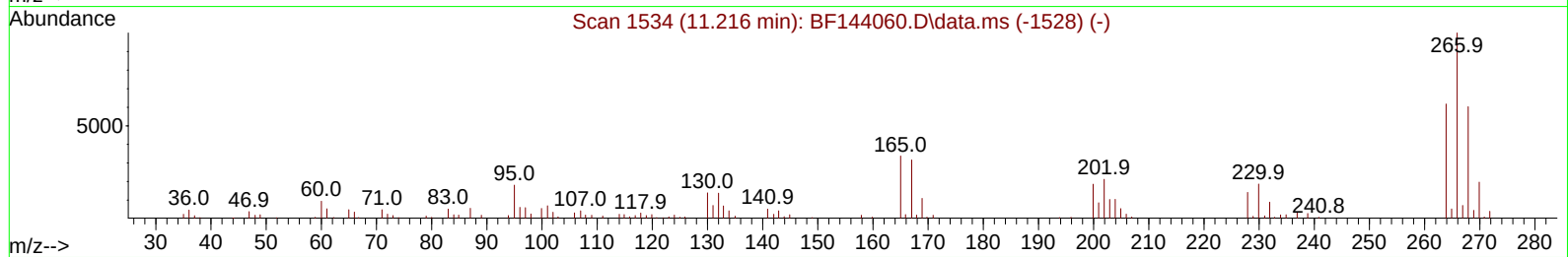
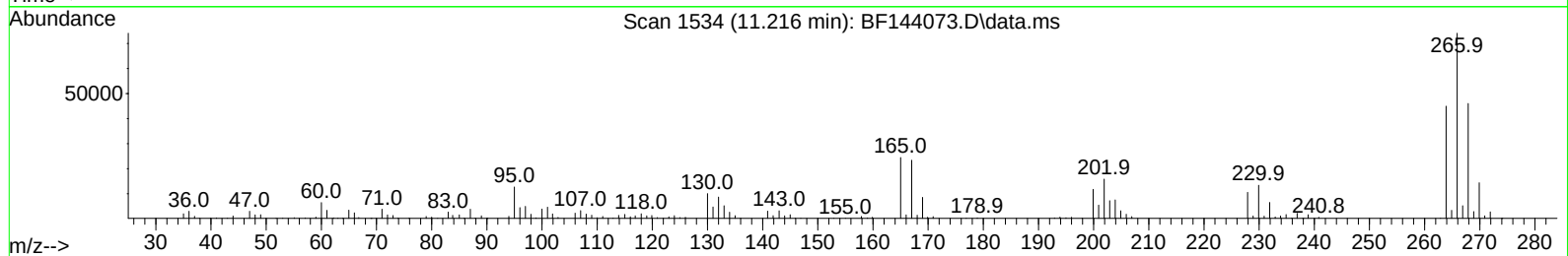
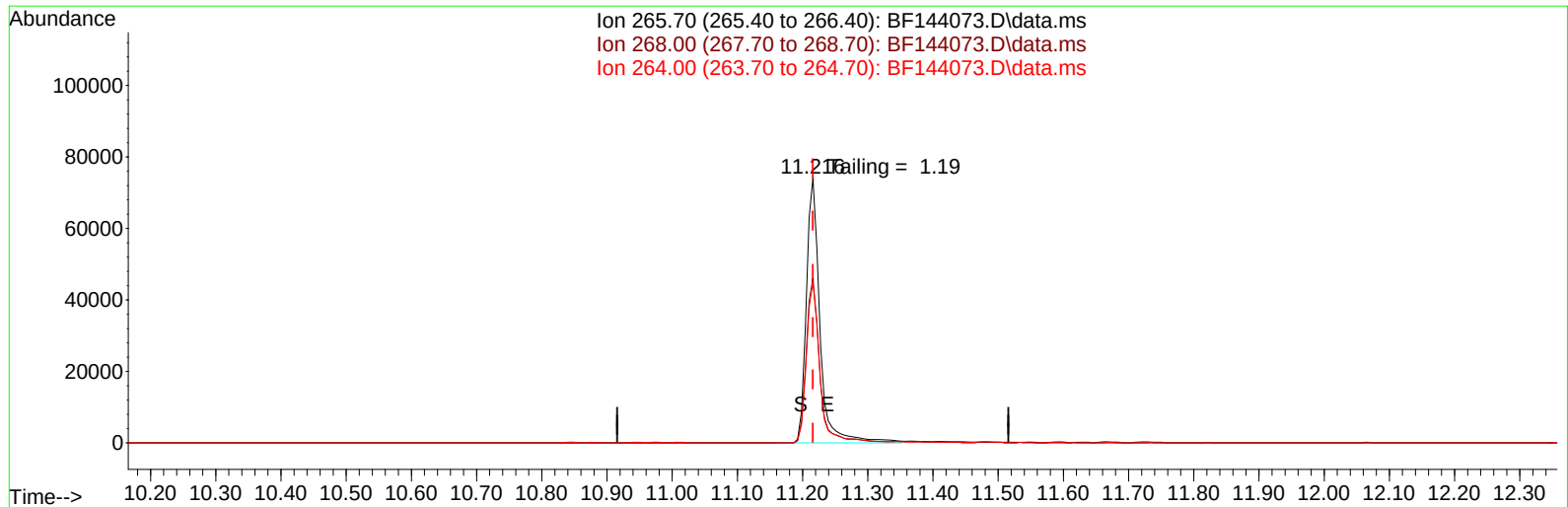
AutoFind: Scans 1609, 1610, 1611; Background Corrected with Scan 1603

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.9	439	PASS
69	69	100	100	100.0	22889	PASS
70	69	0.00	2	0.5	121	PASS
197	198	0.00	2	0.5	369	PASS
198	198	100	100	100.0	73707	PASS
199	198	5	9	6.2	4588	PASS
365	198	1	100	4.9	3647	PASS
441	443	0.01	150	80.6	16254	PASS
442	442	100	100	100.0	102437	PASS
443	442	15	24	19.7	20159	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144073.D
Acq On : 27 Oct 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 27 11:44:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



TIC: BF144073.D\data.ms

(70) Pentachlorophenol (C)

11.216min (+ 0.000) 52871.76 ng

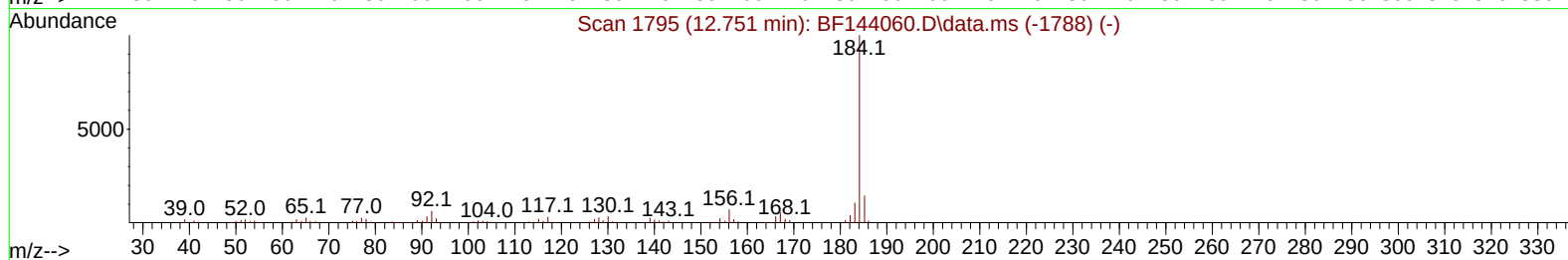
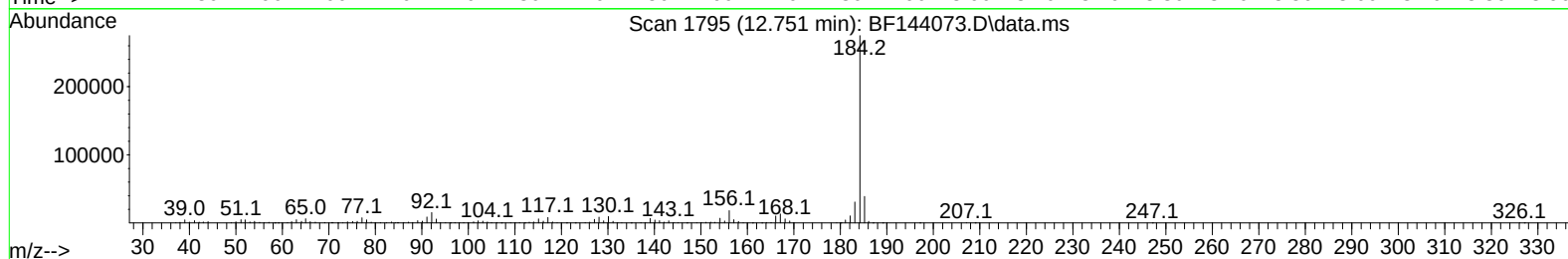
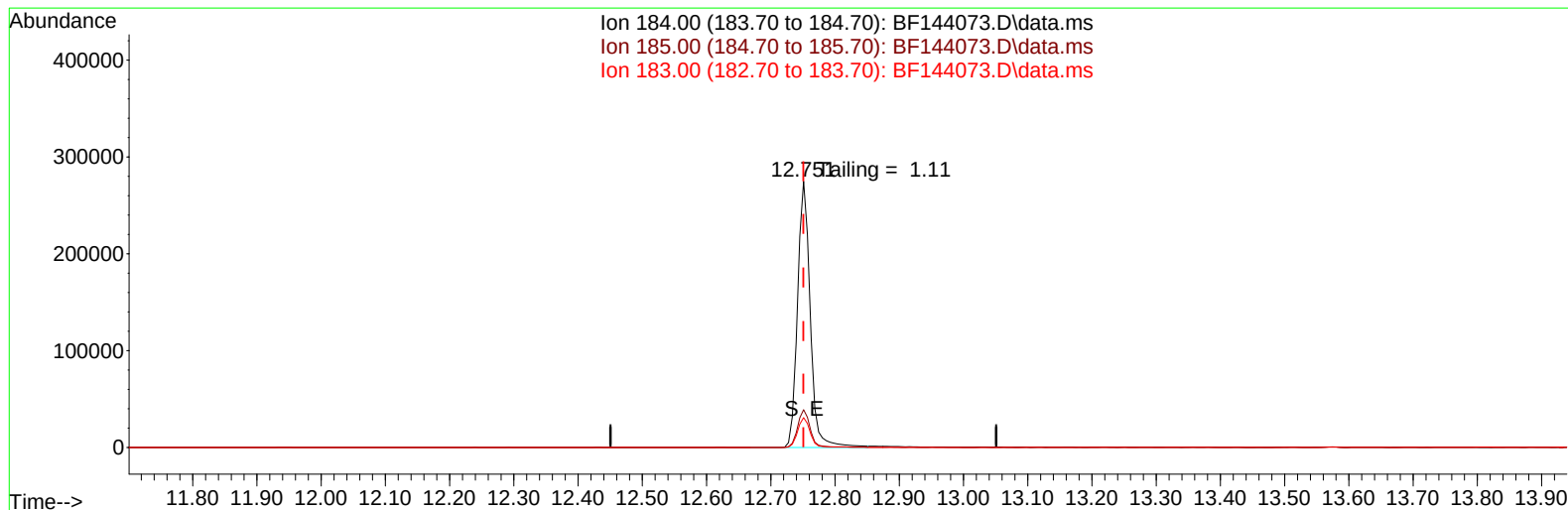
response 108593

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	60.30	62.12
264.00	61.70	60.72
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144073.D
Acq On : 27 Oct 2025 09:29
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Oct 27 11:44:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



TIC: BF144073.D\data.ms

(77) Benzidine

12.751min (+ 0.000) 21247.29 ng m

response 380221

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.21
183.00	10.60	11.20
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
10/27/2025	BNA_F	<u>BF144073.D</u>
Compound Name	Response	Retention Time
DDT	178874	13.574
DDD	2782	13.275
DDE	115	12.992
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
2897	181771	1.59

Instrument :
BNA_F
ClientSampleId :
DFTPP



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Fax : 908 789 8922

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: PB170206BL
Lab Sample ID: PB170206BL
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	330	U	1	160	330	ug/Kg	10/27/25 10:57	PB170206
108-95-2	Phenol	170	U	1	22.1	170	ug/Kg	10/27/25 10:57	PB170206
111-44-4	bis(2-Chloroethyl)ether	170	U	1	24.3	170	ug/Kg	10/27/25 10:57	PB170206
95-57-8	2-Chlorophenol	170	U	1	24.4	170	ug/Kg	10/27/25 10:57	PB170206
95-48-7	2-Methylphenol	170	U	1	29.9	170	ug/Kg	10/27/25 10:57	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	1	37.5	170	ug/Kg	10/27/25 10:57	PB170206
98-86-2	Acetophenone	170	U	1	29.5	170	ug/Kg	10/27/25 10:57	PB170206
65794-96-9	3+4-Methylphenols	330	U	1	41.1	330	ug/Kg	10/27/25 10:57	PB170206
621-64-7	n-Nitroso-di-n-propylamine	80.0	U	1	47.4	80.0	ug/Kg	10/27/25 10:57	PB170206
67-72-1	Hexachloroethane	170	U	1	17.6	170	ug/Kg	10/27/25 10:57	PB170206
98-95-3	Nitrobenzene	170	U	1	18.3	170	ug/Kg	10/27/25 10:57	PB170206
78-59-1	Isophorone	170	U	1	32.8	170	ug/Kg	10/27/25 10:57	PB170206
88-75-5	2-Nitrophenol	170	U	1	58.2	170	ug/Kg	10/27/25 10:57	PB170206
105-67-9	2,4-Dimethylphenol	170	U	1	64.8	170	ug/Kg	10/27/25 10:57	PB170206
111-91-1	bis(2-Chloroethoxy)methane	170	U	1	30.8	170	ug/Kg	10/27/25 10:57	PB170206
120-83-2	2,4-Dichlorophenol	170	U	1	28.3	170	ug/Kg	10/27/25 10:57	PB170206
91-20-3	Naphthalene	170	U	1	22.7	170	ug/Kg	10/27/25 10:57	PB170206
106-47-8	4-Chloroaniline	170	U	1	35.4	170	ug/Kg	10/27/25 10:57	PB170206
87-68-3	Hexachlorobutadiene	170	U	1	25.3	170	ug/Kg	10/27/25 10:57	PB170206
105-60-2	Caprolactam	330	U	1	52.1	330	ug/Kg	10/27/25 10:57	PB170206
59-50-7	4-Chloro-3-methylphenol	170	U	1	28.7	170	ug/Kg	10/27/25 10:57	PB170206
91-57-6	2-Methylnaphthalene	170	U	1	25.6	170	ug/Kg	10/27/25 10:57	PB170206
77-47-4	Hexachlorocyclopentadiene	330	U	1	120	330	ug/Kg	10/27/25 10:57	PB170206
88-06-2	2,4,6-Trichlorophenol	170	U	1	19.8	170	ug/Kg	10/27/25 10:57	PB170206
95-95-4	2,4,5-Trichlorophenol	170	U	1	29.1	170	ug/Kg	10/27/25 10:57	PB170206
92-52-4	1,1-Biphenyl	170	U	1	21.8	170	ug/Kg	10/27/25 10:57	PB170206
91-58-7	2-Chloronaphthalene	170	U	1	22.5	170	ug/Kg	10/27/25 10:57	PB170206
88-74-4	2-Nitroaniline	170	U	1	48.1	170	ug/Kg	10/27/25 10:57	PB170206
131-11-3	Dimethylphthalate	170	U	1	27.1	170	ug/Kg	10/27/25 10:57	PB170206
208-96-8	Acenaphthylene	170	U	1	28.9	170	ug/Kg	10/27/25 10:57	PB170206
606-20-2	2,6-Dinitrotoluene	170	U	1	33.6	170	ug/Kg	10/27/25 10:57	PB170206
99-09-2	3-Nitroaniline	170	U	1	46.0	170	ug/Kg	10/27/25 10:57	PB170206
83-32-9	Acenaphthene	170	U	1	21.3	170	ug/Kg	10/27/25 10:57	PB170206
51-28-5	2,4-Dinitrophenol	330	U	1	230	330	ug/Kg	10/27/25 10:57	PB170206
100-02-7	4-Nitrophenol	330	U	1	110	330	ug/Kg	10/27/25 10:57	PB170206
132-64-9	Dibenzofuran	170	U	1	22.7	170	ug/Kg	10/27/25 10:57	PB170206
121-14-2	2,4-Dinitrotoluene	170	U	1	50.1	170	ug/Kg	10/27/25 10:57	PB170206
84-66-2	Diethylphthalate	170	U	1	28.3	170	ug/Kg	10/27/25 10:57	PB170206
7005-72-3	4-Chlorophenyl-phenylether	170	U	1	26.7	170	ug/Kg	10/27/25 10:57	PB170206
86-73-7	Fluorene	170	U	1	25.3	170	ug/Kg	10/27/25 10:57	PB170206
100-01-6	4-Nitroaniline	170	U	1	64.2	170	ug/Kg	10/27/25 10:57	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	330	U	1	100	330	ug/Kg	10/27/25 10:57	PB170206



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Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: PB170206BL
Lab Sample ID: PB170206BL
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.01 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	170	U	1	32.9	170	ug/Kg	10/27/25 10:57	PB170206
101-55-3	4-Bromophenyl-phenylether	170	U	1	27.8	170	ug/Kg	10/27/25 10:57	PB170206
118-74-1	Hexachlorobenzene	170	U	1	25.3	170	ug/Kg	10/27/25 10:57	PB170206
1912-24-9	Atrazine	170	U	1	34.0	170	ug/Kg	10/27/25 10:57	PB170206
87-86-5	Pentachlorophenol	330	U	1	51.3	330	ug/Kg	10/27/25 10:57	PB170206
85-01-8	Phenanthrene	170	U	1	20.9	170	ug/Kg	10/27/25 10:57	PB170206
120-12-7	Anthracene	170	U	1	33.3	170	ug/Kg	10/27/25 10:57	PB170206
86-74-8	Carbazole	170	U	1	31.2	170	ug/Kg	10/27/25 10:57	PB170206
84-74-2	Di-n-butylphthalate	170	U	1	47.9	170	ug/Kg	10/27/25 10:57	PB170206
206-44-0	Fluoranthene	170	U	1	30.0	170	ug/Kg	10/27/25 10:57	PB170206
129-00-0	Pyrene	170	U	1	36.0	170	ug/Kg	10/27/25 10:57	PB170206
85-68-7	Butylbenzylphthalate	170	U	1	71.4	170	ug/Kg	10/27/25 10:57	PB170206
91-94-1	3,3-Dichlorobenzidine	330	U	1	36.7	330	ug/Kg	10/27/25 10:57	PB170206
56-55-3	Benzo(a)anthracene	170	U	1	23.0	170	ug/Kg	10/27/25 10:57	PB170206
218-01-9	Chrysene	170	U	1	19.9	170	ug/Kg	10/27/25 10:57	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	1	59.2	170	ug/Kg	10/27/25 10:57	PB170206
117-84-0	Di-n-octyl phthalate	330	U	1	86.8	330	ug/Kg	10/27/25 10:57	PB170206
205-99-2	Benzo(b)fluoranthene	170	U	1	19.0	170	ug/Kg	10/27/25 10:57	PB170206
207-08-9	Benzo(k)fluoranthene	170	U	1	22.4	170	ug/Kg	10/27/25 10:57	PB170206
50-32-8	Benzo(a)pyrene	170	U	1	29.5	170	ug/Kg	10/27/25 10:57	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	170	U	1	29.1	170	ug/Kg	10/27/25 10:57	PB170206
53-70-3	Dibenzo(a,h)anthracene	170	U	1	27.4	170	ug/Kg	10/27/25 10:57	PB170206
191-24-2	Benzo(g,h,i)perylene	170	U	1	25.7	170	ug/Kg	10/27/25 10:57	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	170	U	1	25.6	170	ug/Kg	10/27/25 10:57	PB170206
123-91-1	1,4-Dioxane	170	U	1	45.2	170	ug/Kg	10/27/25 10:57	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	1	27.4	170	ug/Kg	10/27/25 10:57	PB170206

SURROGATES

367-12-4	2-Fluorophenol	125		18 - 112	84%	SPK: 150
13127-88-3	Phenol-d6	129		15 - 107	86%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.7		18 - 107	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.7		20 - 109	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	152		10 - 116	102%	SPK: 150
1718-51-0	Terphenyl-d14	105		10 - 105	105%	SPK: 100

INTERNAL STANDARDS

	Area Count
3855-82-1 1,4-Dichlorobenzene-d4	68900
1146-65-2 Naphthalene-d8	265000
15067-26-2 Acenaphthene-d10	152000
1517-22-2 Phenanthrene-d10	284000
1719-03-5 Chrysene-d12	170000
1520-96-3 Perylene-d12	194000

TENTATIVE IDENTIFIED COMPOUNDS

006311-48-4 (1,1-Biphenyl)-4,4-diamine, N,N	240	J	17.2	ug/Kg



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Fax : 908 789 8922

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	
Client Sample ID:	PB170206BL		SDG No.:	Q3399
Lab Sample ID:	PB170206BL		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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\BF102725\
Data File : BF144075.D
Acq On : 27 Oct 2025 10:57
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170206BL

Quant Time: Oct 27 11:41:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	68934	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	265265	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	152247	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	283532	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170424	20.000	ng	0.00
86) Perylene-d12	15.539	264	194021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	546480	125.423	ng	0.01
7) Phenol-d6	6.510	99	621663	129.191	ng	0.00
23) Nitrobenzene-d5	7.440	82	419701	86.684	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	295457	152.350	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	915894	84.656	ng	0.00
79) Terphenyl-d14	12.998	244	1023205	104.961	ng	0.00

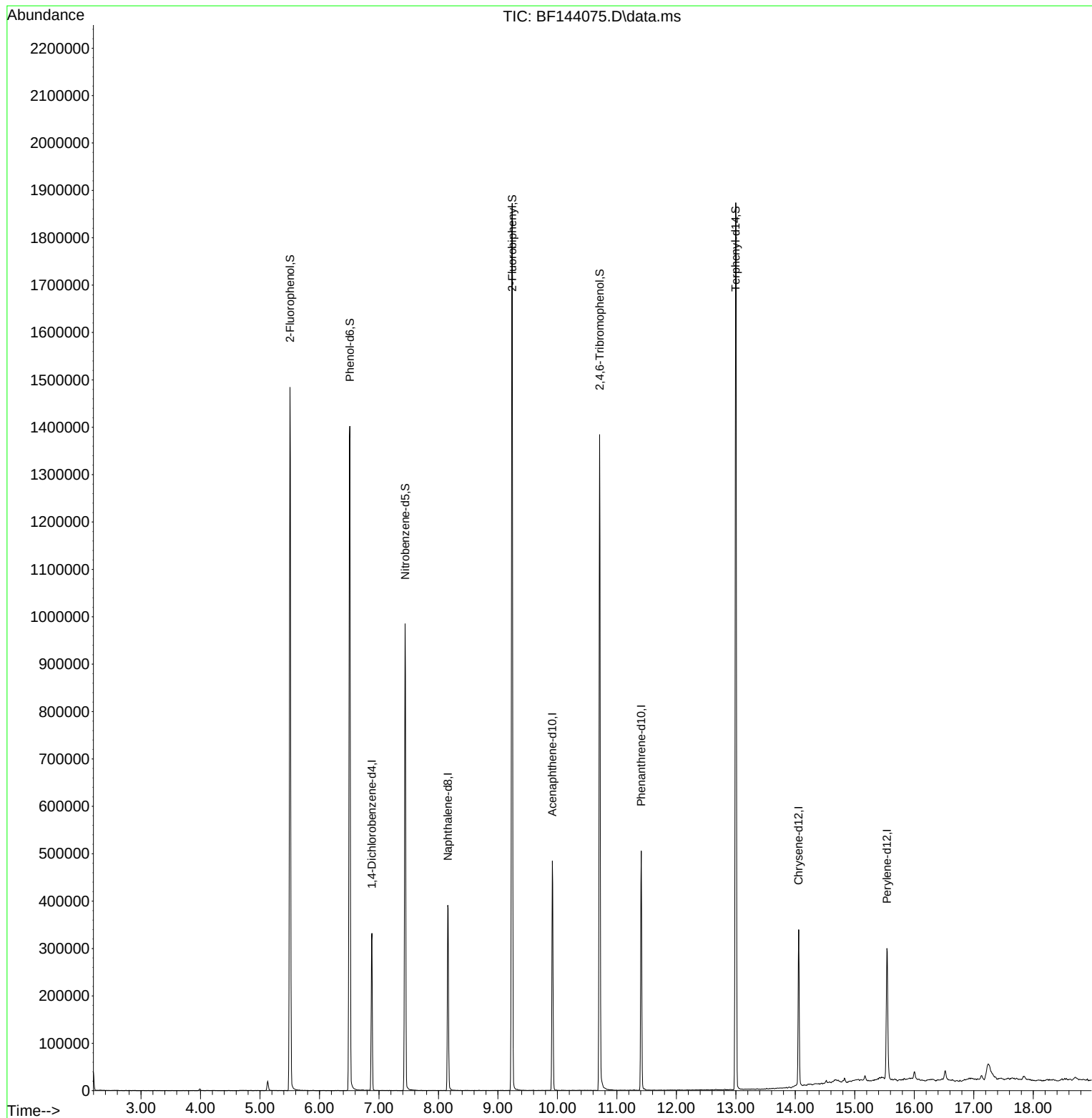
Target Compounds	Qvalue

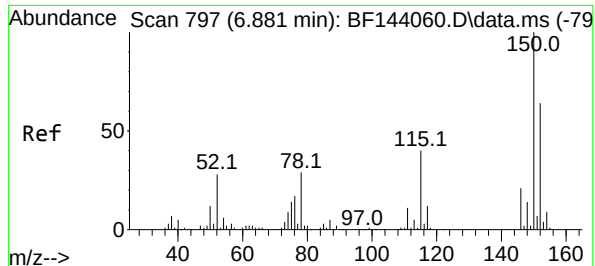
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144075.D
Acq On : 27 Oct 2025 10:57
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170206BL

Quant Time: Oct 27 11:41:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

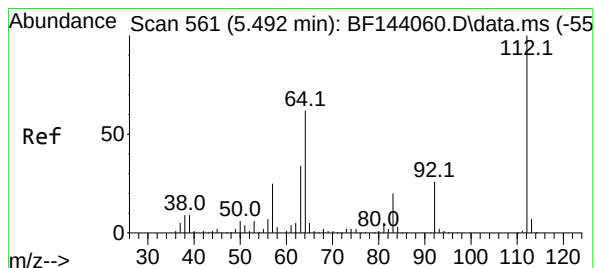
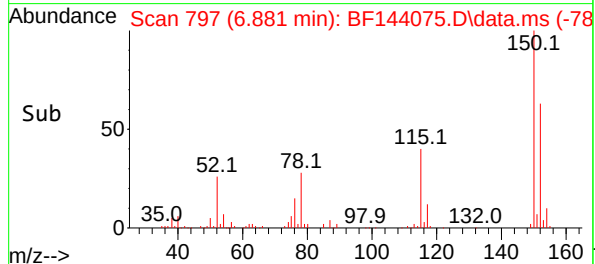
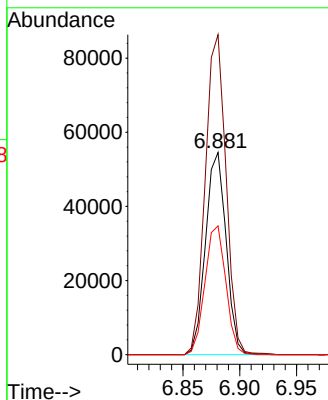
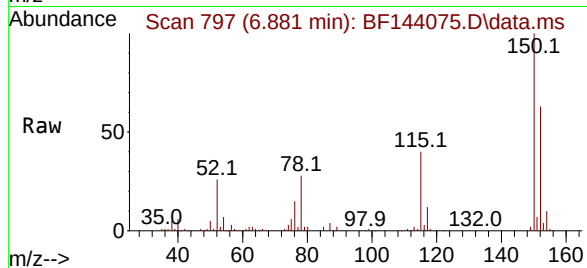




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

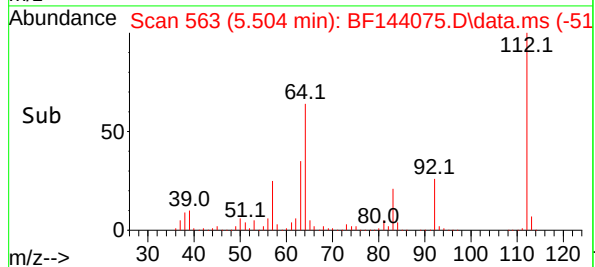
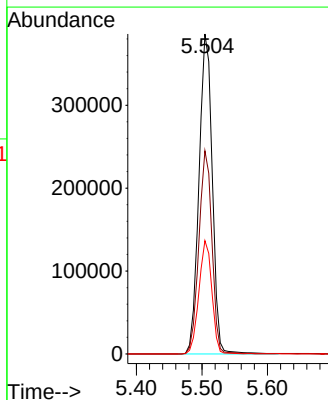
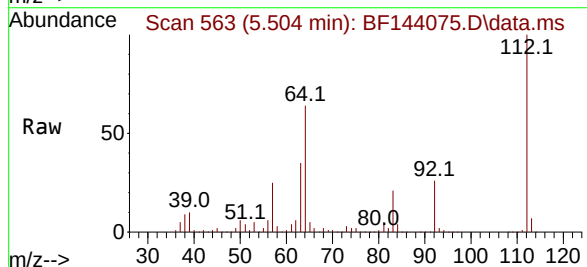
Instrument :
BNA_F
ClientSampleId :
PB170206BL

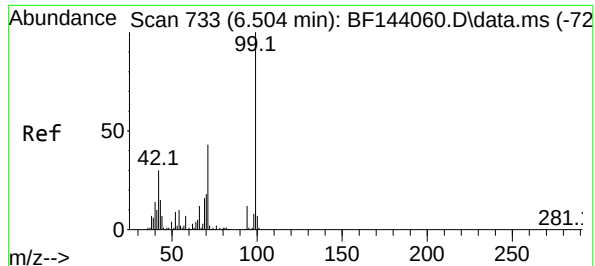
Tgt Ion:152 Resp: 68934
Ion Ratio Lower Upper
152 100
150 158.3 124.4 186.6
115 63.7 49.4 74.0



#5
2-Fluorophenol
Concen: 125.423 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

Tgt Ion:112 Resp: 546480
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 35.4 27.4 41.2

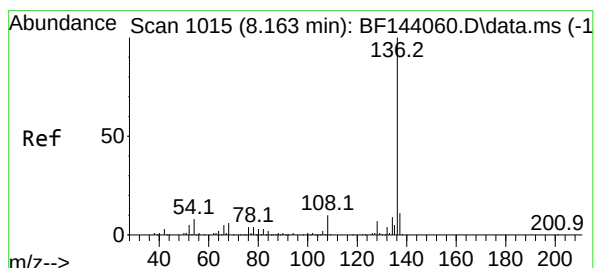
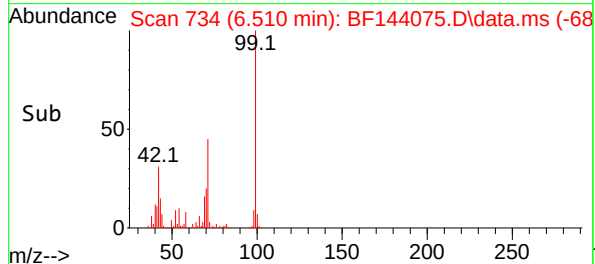
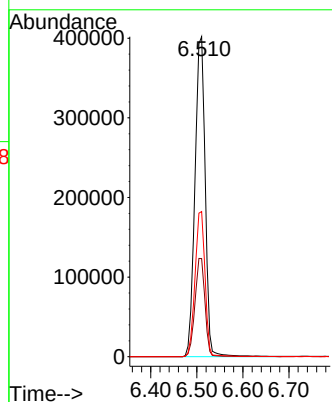
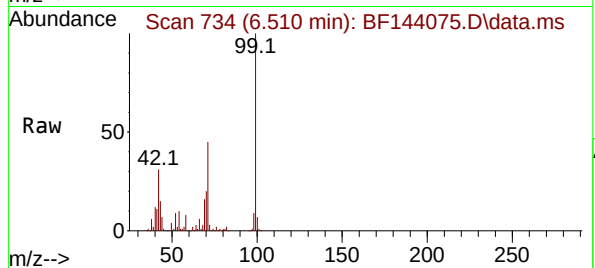




#7
Phenol-d6
Concen: 129.191 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

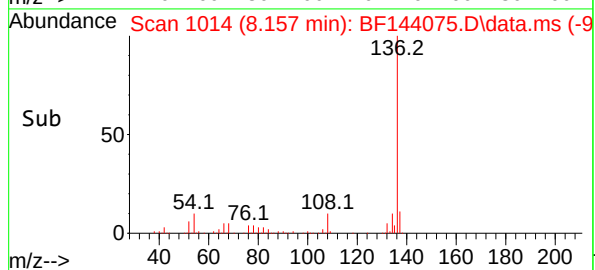
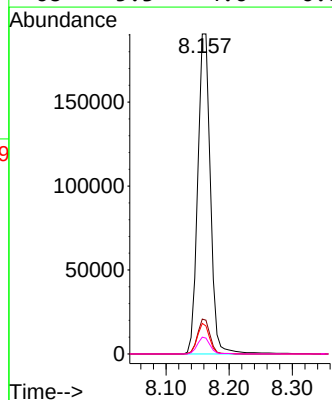
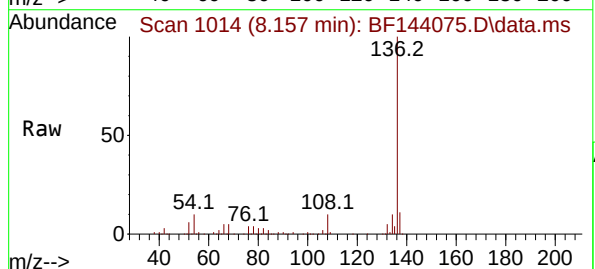
Instrument :
BNA_F
ClientSampleId :
PB170206BL

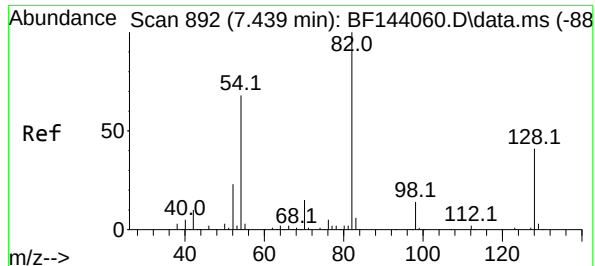
Tgt Ion: 99 Resp: 621663
Ion Ratio Lower Upper
99 100
42 30.7 23.9 35.9
71 45.3 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

Tgt Ion: 136 Resp: 265265
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 6.6 9.8
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 86.684 ng

RT: 7.440 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

PB170206BL

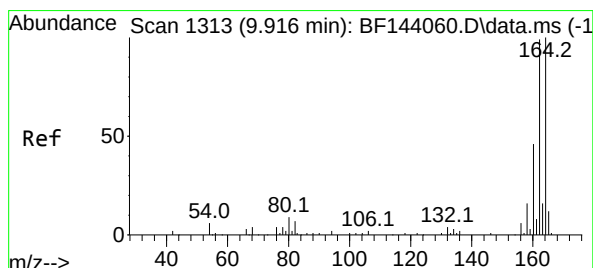
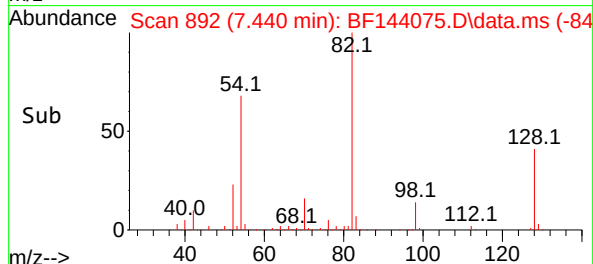
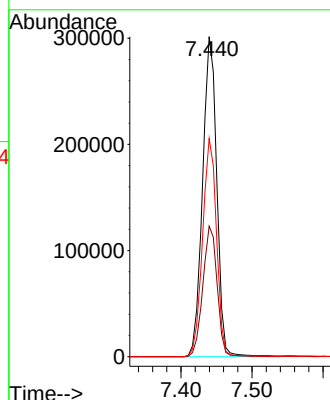
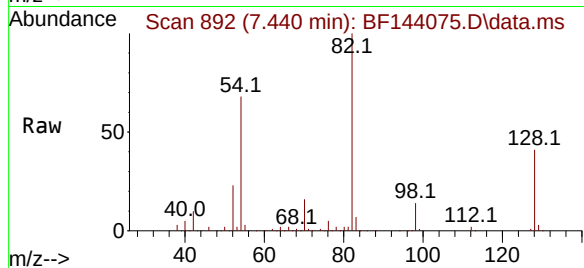
Tgt Ion: 82 Resp: 419701

Ion Ratio Lower Upper

82 100

128 40.8 32.4 48.6

54 68.2 54.0 81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

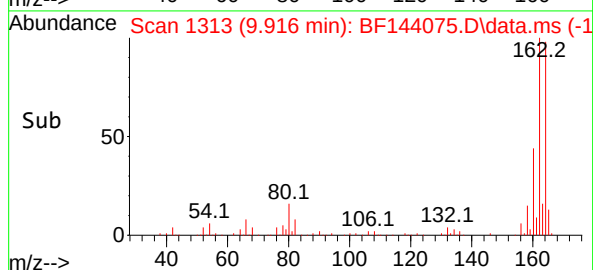
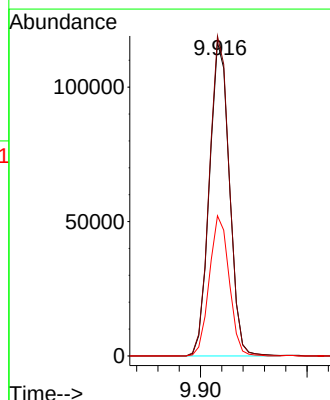
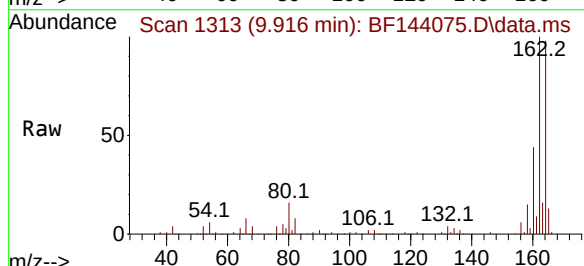
Tgt Ion:164 Resp: 152247

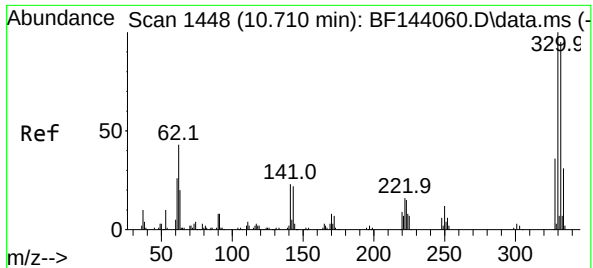
Ion Ratio Lower Upper

164 100

162 102.0 79.4 119.2

160 44.7 36.7 55.1

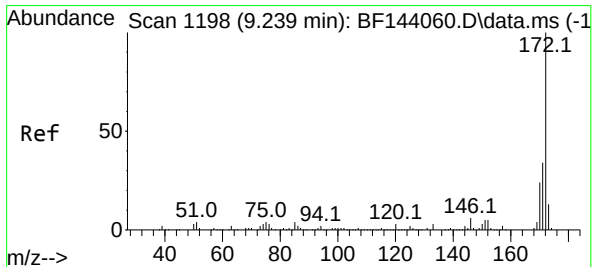
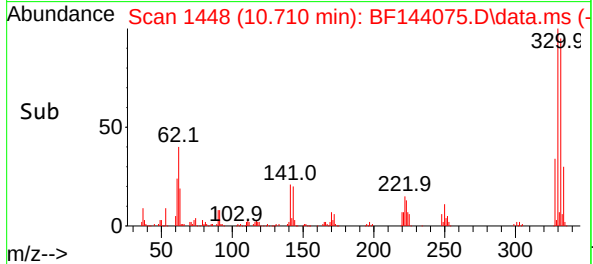
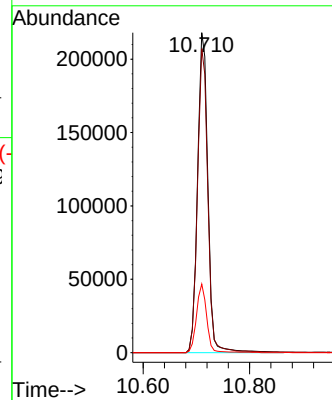
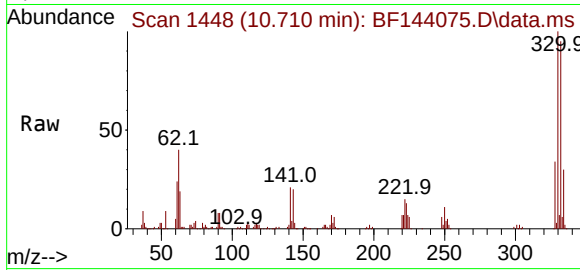




#42
2,4,6-Tribromophenol
Concen: 152.350 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

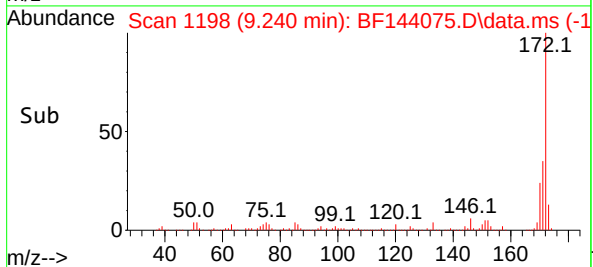
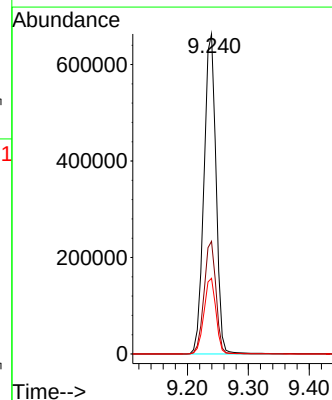
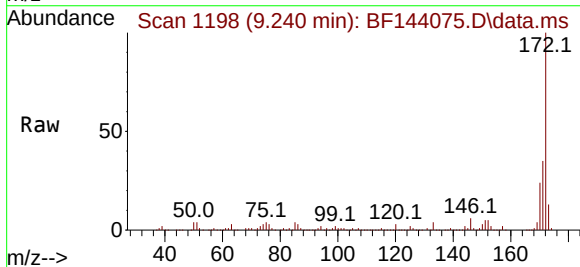
Instrument :
BNA_F
ClientSampleId :
PB170206BL

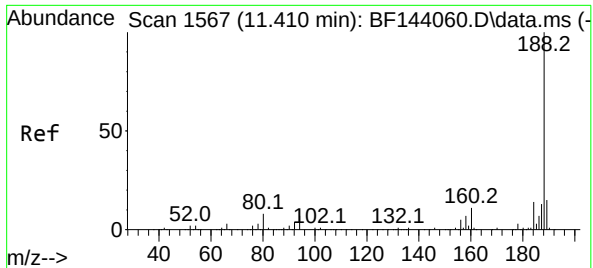
Tgt Ion:330 Resp: 295457
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 21.2 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 84.656 ng
RT: 9.240 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

Tgt Ion:172 Resp: 915894
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 23.6 19.0 28.6

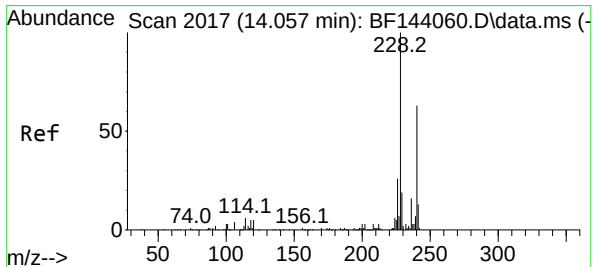
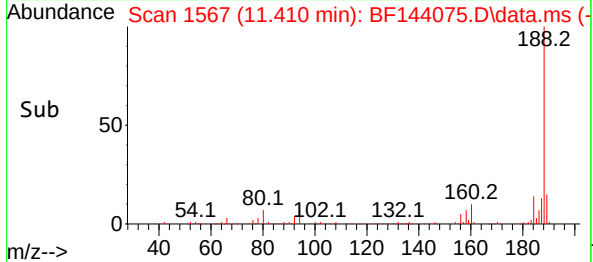
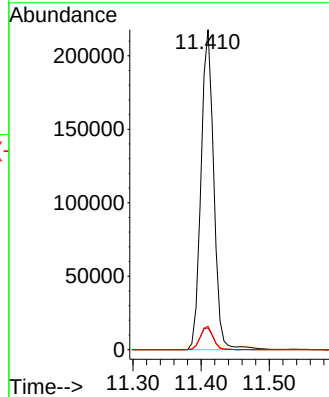
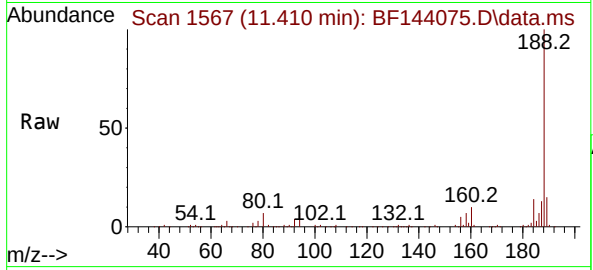




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

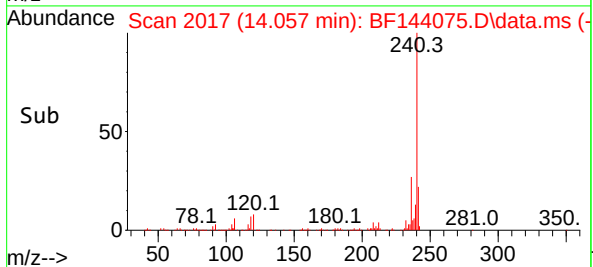
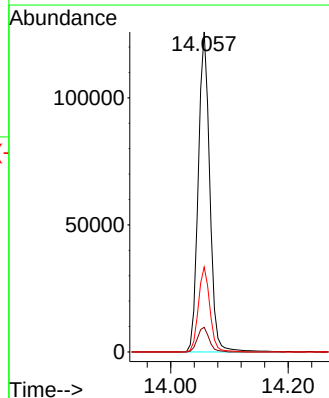
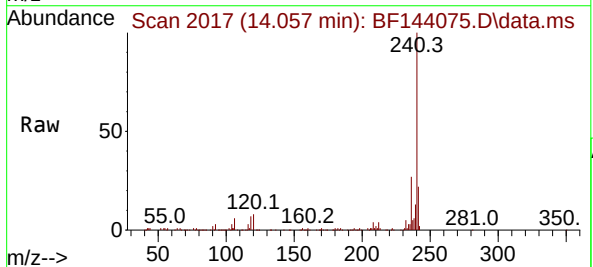
Instrument :
BNA_F
ClientSampleId :
PB170206BL

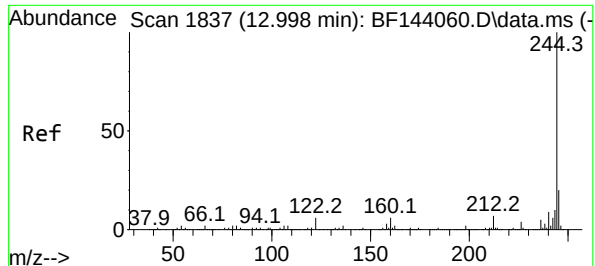
Tgt Ion:188 Resp: 283532
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.3 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BF144075.D
Acq: 27 Oct 2025 10:57

Tgt Ion:240 Resp: 170424
Ion Ratio Lower Upper
240 100
120 7.7 6.5 9.7
236 26.6 20.1 30.1





#79

Terphenyl-d14

Concen: 104.961 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

Instrument :

BNA_F

ClientSampleId :

PB170206BL

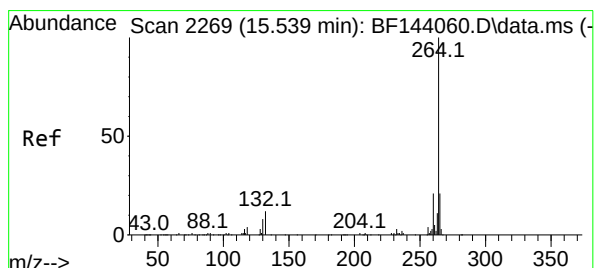
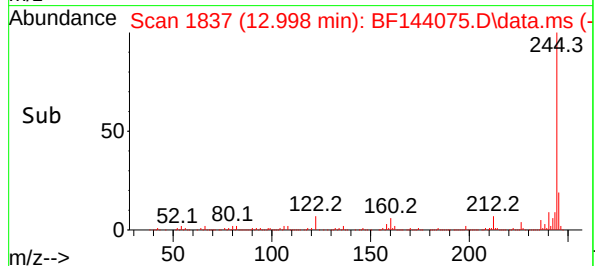
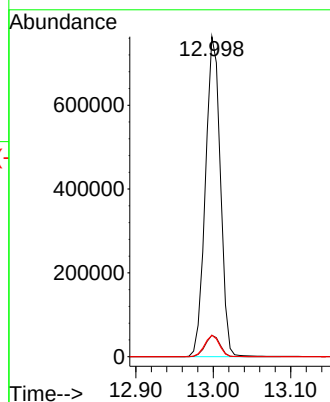
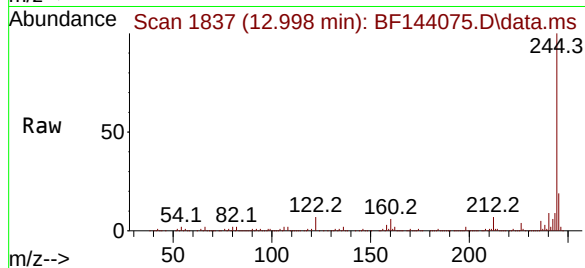
Tgt Ion:244 Resp: 1023205

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

122 6.7 4.9 7.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144075.D

Acq: 27 Oct 2025 10:57

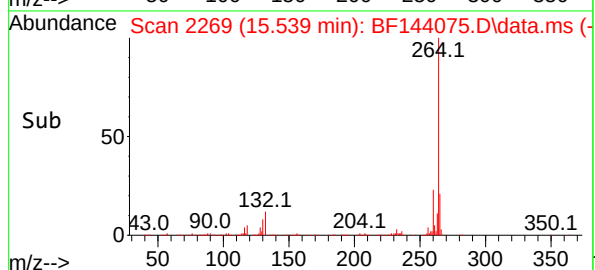
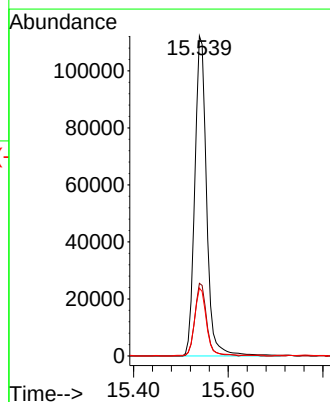
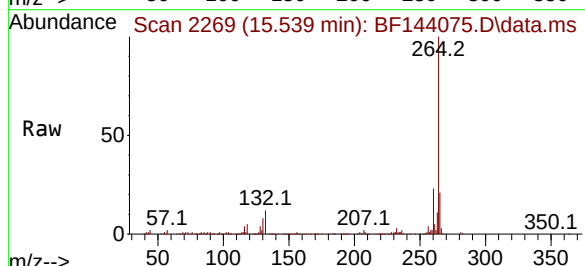
Tgt Ion:264 Resp: 194021

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.4

265 21.2 16.6 24.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144075.D
 Acq On : 27 Oct 2025 10:57
 Operator : RC/JU
 Sample : PB170206BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170206BL

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-BF102425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144075.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.128	489	499	507	rBV	19477	32730	1.28%	0.206%
2	5.504	557	563	583	rBV	1484265	2069713	80.83%	13.048%
3	6.510	727	734	739	rBV	1401860	2103579	82.15%	13.261%
4	6.881	792	797	802	rBV	331454	421603	16.46%	2.658%
5	7.440	886	892	909	rBV	984902	1362695	53.22%	8.591%
6	8.157	1009	1014	1026	rBV	391022	532840	20.81%	3.359%
7	9.240	1191	1198	1203	rBV	1872622	2560662	100.00%	16.143%
8	9.916	1308	1313	1322	rBV	484146	622400	24.31%	3.924%
9	10.710	1442	1448	1469	rBV	1384293	1855156	72.45%	11.695%
10	11.410	1561	1567	1575	rBV	504845	647743	25.30%	4.083%
11	12.998	1831	1837	1843	rBV	1872000	2483383	96.98%	15.655%
12	14.057	2012	2017	2026	rVB	328753	435157	16.99%	2.743%
13	15.539	2263	2269	2281	rVB	277218	487115	19.02%	3.071%
14	16.004	2344	2348	2356	rVB2	16395	32391	1.26%	0.204%
15	16.521	2431	2436	2446	rVB3	19507	42115	1.64%	0.265%
16	17.245	2548	2559	2575	rBV4	32360	173415	6.77%	1.093%

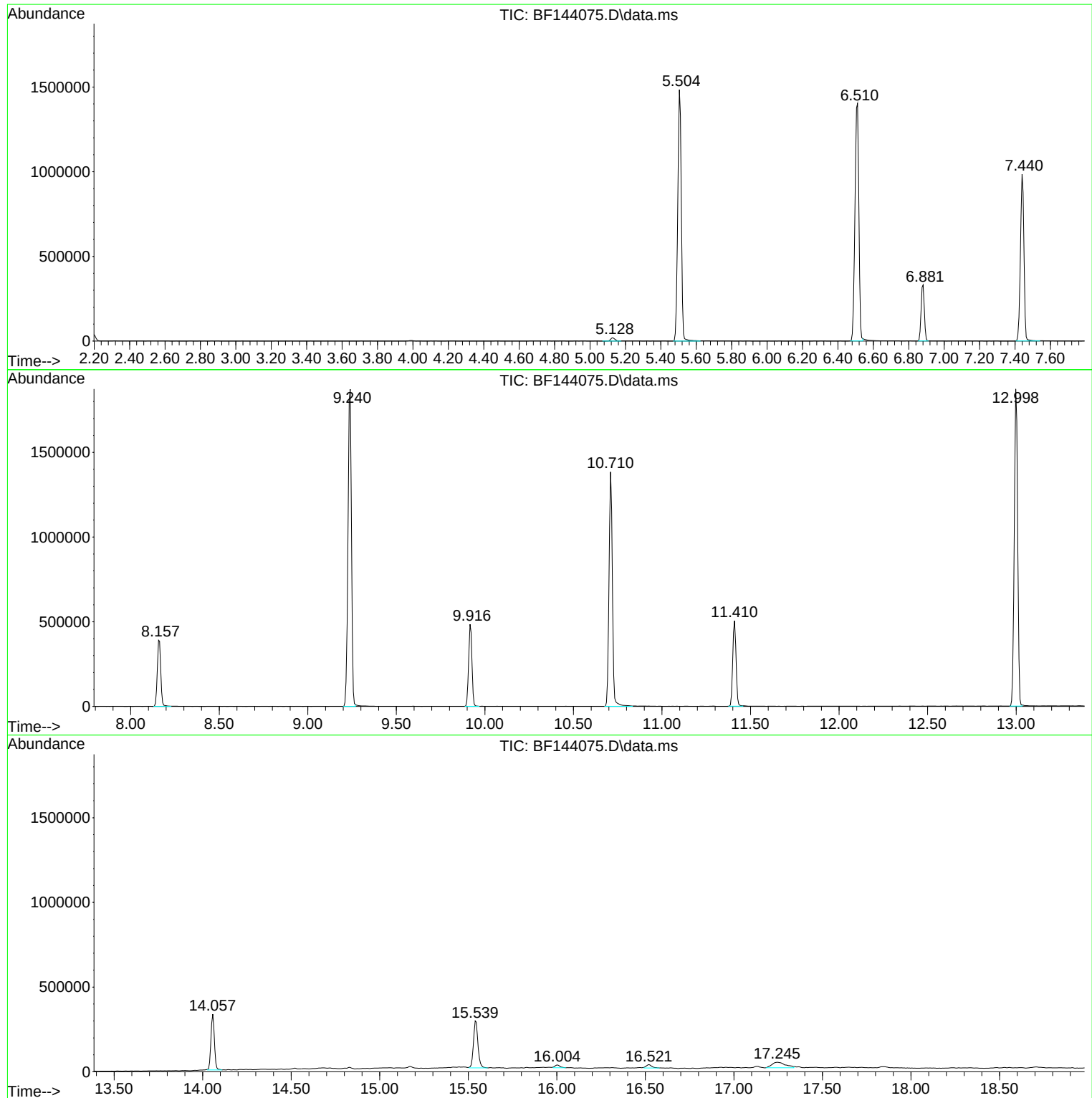
Sum of corrected areas: 15862697

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144075.D
Acq On : 27 Oct 2025 10:57
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.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\BF102725\
Data File : BF144075.D
Acq On : 27 Oct 2025 10:57
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170206BL

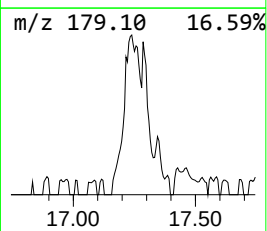
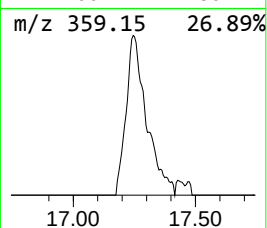
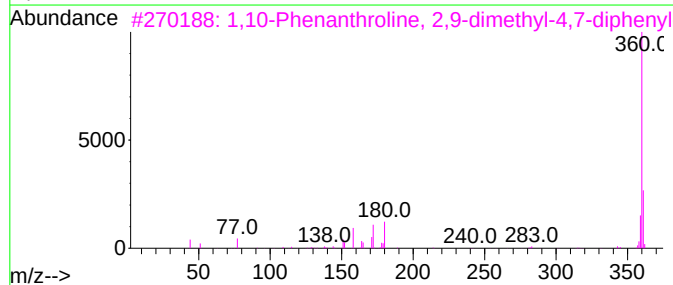
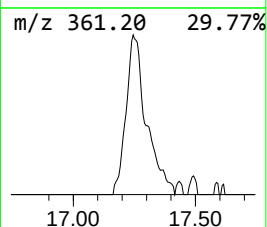
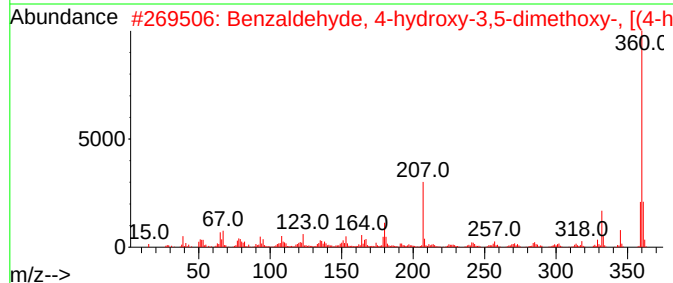
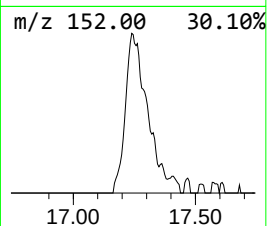
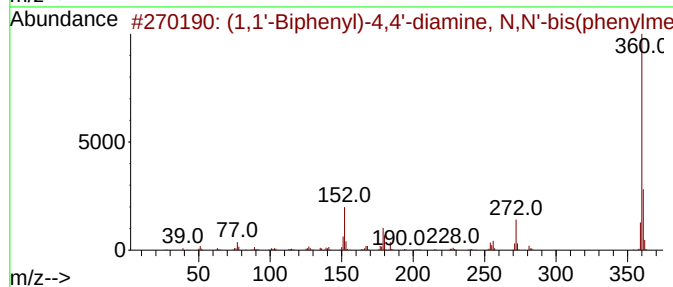
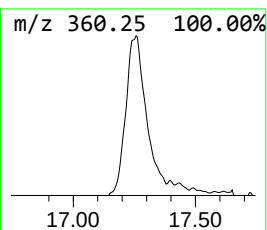
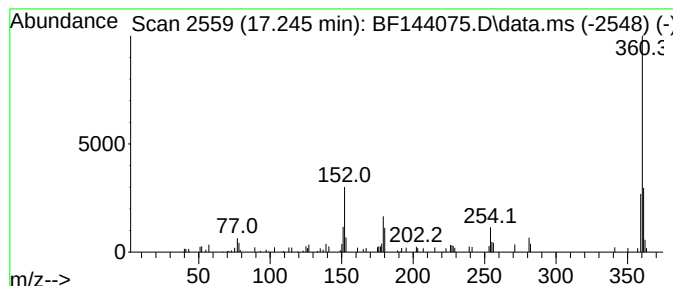
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	7.12 ng	173415	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	87
2			Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	58
3			1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	52
4			Ethene, 1-(anthracen-9-yl)-2-(4-...	360	C27H20O	1000163-55-1	50
5			1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13B06	1000150-23-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144075.D
Acq On : 27 Oct 2025 10:57
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170206BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.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
(1,1'-Biphenyl)...	17.245	7.1	ng	173415	6	15.539	487115	20.0



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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: PB170206BS
Lab Sample ID: PB170206BS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	830		1	160	330	ug/Kg	10/27/25 11:27	PB170206
108-95-2	Phenol	1300		1	22.1	170	ug/Kg	10/27/25 11:27	PB170206
111-44-4	bis(2-Chloroethyl)ether	1400		1	24.3	170	ug/Kg	10/27/25 11:27	PB170206
95-57-8	2-Chlorophenol	1300		1	24.4	170	ug/Kg	10/27/25 11:27	PB170206
95-48-7	2-Methylphenol	1400		1	29.9	170	ug/Kg	10/27/25 11:27	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1400		1	37.5	170	ug/Kg	10/27/25 11:27	PB170206
98-86-2	Acetophenone	1600		1	29.5	170	ug/Kg	10/27/25 11:27	PB170206
65794-96-9	3+4-Methylphenols	1400		1	41.1	330	ug/Kg	10/27/25 11:27	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1500		1	47.4	79.9	ug/Kg	10/27/25 11:27	PB170206
67-72-1	Hexachloroethane	1300		1	17.6	170	ug/Kg	10/27/25 11:27	PB170206
98-95-3	Nitrobenzene	1400		1	18.3	170	ug/Kg	10/27/25 11:27	PB170206
78-59-1	Isophorone	1500		1	32.8	170	ug/Kg	10/27/25 11:27	PB170206
88-75-5	2-Nitrophenol	1500		1	58.1	170	ug/Kg	10/27/25 11:27	PB170206
105-67-9	2,4-Dimethylphenol	1600		1	64.7	170	ug/Kg	10/27/25 11:27	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1500		1	30.8	170	ug/Kg	10/27/25 11:27	PB170206
120-83-2	2,4-Dichlorophenol	1400		1	28.3	170	ug/Kg	10/27/25 11:27	PB170206
91-20-3	Naphthalene	1400		1	22.7	170	ug/Kg	10/27/25 11:27	PB170206
106-47-8	4-Chloroaniline	770		1	35.4	170	ug/Kg	10/27/25 11:27	PB170206
87-68-3	Hexachlorobutadiene	1300		1	25.3	170	ug/Kg	10/27/25 11:27	PB170206
105-60-2	Caprolactam	1600		1	52.0	330	ug/Kg	10/27/25 11:27	PB170206
59-50-7	4-Chloro-3-methylphenol	1500		1	28.7	170	ug/Kg	10/27/25 11:27	PB170206
91-57-6	2-Methylnaphthalene	1300		1	25.6	170	ug/Kg	10/27/25 11:27	PB170206
77-47-4	Hexachlorocyclopentadiene	4500	E	1	120	330	ug/Kg	10/27/25 11:27	PB170206
88-06-2	2,4,6-Trichlorophenol	1400		1	19.8	170	ug/Kg	10/27/25 11:27	PB170206
95-95-4	2,4,5-Trichlorophenol	1500		1	29.1	170	ug/Kg	10/27/25 11:27	PB170206
92-52-4	1,1-Biphenyl	1500		1	21.8	170	ug/Kg	10/27/25 11:27	PB170206
91-58-7	2-Chloronaphthalene	1400		1	22.5	170	ug/Kg	10/27/25 11:27	PB170206
88-74-4	2-Nitroaniline	1500		1	48.1	170	ug/Kg	10/27/25 11:27	PB170206
131-11-3	Dimethylphthalate	1500		1	27.1	170	ug/Kg	10/27/25 11:27	PB170206
208-96-8	Acenaphthylene	1600		1	28.9	170	ug/Kg	10/27/25 11:27	PB170206
606-20-2	2,6-Dinitrotoluene	1600		1	33.6	170	ug/Kg	10/27/25 11:27	PB170206
99-09-2	3-Nitroaniline	980		1	46.0	170	ug/Kg	10/27/25 11:27	PB170206
83-32-9	Acenaphthene	1500		1	21.3	170	ug/Kg	10/27/25 11:27	PB170206
51-28-5	2,4-Dinitrophenol	3200	E	1	230	330	ug/Kg	10/27/25 11:27	PB170206
100-02-7	4-Nitrophenol	2800	E	1	110	330	ug/Kg	10/27/25 11:27	PB170206
132-64-9	Dibenzofuran	1400		1	22.7	170	ug/Kg	10/27/25 11:27	PB170206
121-14-2	2,4-Dinitrotoluene	1500		1	50.0	170	ug/Kg	10/27/25 11:27	PB170206
84-66-2	Diethylphthalate	1500		1	28.3	170	ug/Kg	10/27/25 11:27	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1400		1	26.7	170	ug/Kg	10/27/25 11:27	PB170206
86-73-7	Fluorene	1400		1	25.3	170	ug/Kg	10/27/25 11:27	PB170206
100-01-6	4-Nitroaniline	1400		1	64.1	170	ug/Kg	10/27/25 11:27	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	1400		1	100	330	ug/Kg	10/27/25 11:27	PB170206



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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: PB170206BS
Lab Sample ID: PB170206BS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.03 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected:
Date Received:
SDG No.: Q3399
Matrix: SOIL
% Solid: 100
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1500		1	32.9	170	ug/Kg	10/27/25 11:27	PB170206
101-55-3	4-Bromophenyl-phenylether	1400		1	27.8	170	ug/Kg	10/27/25 11:27	PB170206
118-74-1	Hexachlorobenzene	1500		1	25.3	170	ug/Kg	10/27/25 11:27	PB170206
1912-24-9	Atrazine	1400		1	34.0	170	ug/Kg	10/27/25 11:27	PB170206
87-86-5	Pentachlorophenol	3000	E	1	51.2	330	ug/Kg	10/27/25 11:27	PB170206
85-01-8	Phenanthrene	1400		1	20.9	170	ug/Kg	10/27/25 11:27	PB170206
120-12-7	Anthracene	1400		1	33.3	170	ug/Kg	10/27/25 11:27	PB170206
86-74-8	Carbazole	1400		1	31.2	170	ug/Kg	10/27/25 11:27	PB170206
84-74-2	Di-n-butylphthalate	1300		1	47.9	170	ug/Kg	10/27/25 11:27	PB170206
206-44-0	Fluoranthene	1200		1	30.0	170	ug/Kg	10/27/25 11:27	PB170206
129-00-0	Pyrene	1700		1	36.0	170	ug/Kg	10/27/25 11:27	PB170206
85-68-7	Butylbenzylphthalate	1500		1	71.3	170	ug/Kg	10/27/25 11:27	PB170206
91-94-1	3,3-Dichlorobenzidine	1000		1	36.7	330	ug/Kg	10/27/25 11:27	PB170206
56-55-3	Benzo(a)anthracene	1500		1	23.0	170	ug/Kg	10/27/25 11:27	PB170206
218-01-9	Chrysene	1400		1	19.9	170	ug/Kg	10/27/25 11:27	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	1400		1	59.1	170	ug/Kg	10/27/25 11:27	PB170206
117-84-0	Di-n-octyl phthalate	1400		1	86.7	330	ug/Kg	10/27/25 11:27	PB170206
205-99-2	Benzo(b)fluoranthene	1500		1	19.0	170	ug/Kg	10/27/25 11:27	PB170206
207-08-9	Benzo(k)fluoranthene	1400		1	22.4	170	ug/Kg	10/27/25 11:27	PB170206
50-32-8	Benzo(a)pyrene	1600		1	29.5	170	ug/Kg	10/27/25 11:27	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	29.1	170	ug/Kg	10/27/25 11:27	PB170206
53-70-3	Dibenzo(a,h)anthracene	1500		1	27.4	170	ug/Kg	10/27/25 11:27	PB170206
191-24-2	Benzo(g,h,i)perylene	1600		1	25.7	170	ug/Kg	10/27/25 11:27	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		1	25.6	170	ug/Kg	10/27/25 11:27	PB170206
123-91-1	1,4-Dioxane	1100		1	45.2	170	ug/Kg	10/27/25 11:27	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	1600		1	27.4	170	ug/Kg	10/27/25 11:27	PB170206

SURROGATES

367-12-4	2-Fluorophenol	108		18 - 112	72%	SPK: 150
13127-88-3	Phenol-d6	112		15 - 107	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.4		18 - 107	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		20 - 109	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	121		10 - 116	81%	SPK: 150
1718-51-0	Terphenyl-d14	95.7		10 - 105	96%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	61700
1146-65-2	Naphthalene-d8	230000
15067-26-2	Acenaphthene-d10	127000
1517-22-2	Phenanthrene-d10	219000
1719-03-5	Chrysene-d12	126000
1520-96-3	Perylene-d12	171000



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

Report of Analysis

Client:	ICE Service Group, Inc.		Date Collected:	
Project:	NWIRP Northrup Grumman Site – Bethpage, NY		Date Received:	
Client Sample ID:	PB170206BS		SDG No.:	Q3399
Lab Sample ID:	PB170206BS		Matrix:	SOIL
Analytical Method:	8270E	Level : LOW	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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\BF102725\
 Data File : BF144076.D
 Acq On : 27 Oct 2025 11:27
 Operator : RC/JU
 Sample : PB170206BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170206BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/28/2025
 Supervised By :Jagrut Upadhyay 10/28/2025

Quant Time: Oct 27 11:51:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	61653	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	230299	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	126935	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	219220	20.000	ng	0.00
76) Chrysene-d12	14.057	240	125508	20.000	ng	0.00
86) Perylene-d12	15.545	264	170803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	420955	108.023	ng	0.01
7) Phenol-d6	6.510	99	483175	112.270	ng	0.00
23) Nitrobenzene-d5	7.446	82	329493	78.385	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	196142	121.307	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	702060	77.831	ng	0.00
79) Terphenyl-d14	12.998	244	687311	95.737	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.711	88	55486	32.950	ng	95
3) Pyridine	3.475	79	162952	36.146	ng	98
4) n-Nitrosodimethylamine	3.422	42	112032	40.443	ng	98
6) Aniline	6.546	93	197243	32.035	ng	98
8) 2-Chlorophenol	6.663	128	154526	40.266	ng	100
9) Benzaldehyde	6.434	77	83201	24.900	ng	98
10) Phenol	6.522	94	208508	39.271	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	157180	40.968	ng	97
12) 1,3-Dichlorobenzene	6.822	146	194241	41.031	ng	99
13) 1,4-Dichlorobenzene	6.898	146	197064	42.240	ng	98
14) 1,2-Dichlorobenzene	7.051	146	188767	41.817	ng	100
15) Benzyl Alcohol	7.022	79	152455	43.566	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	299293	41.507	ng	97
17) 2-Methylphenol	7.134	107	121478	41.157	ng	98
18) Hexachloroethane	7.393	117	66701	39.990	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	122621	44.060	ng	96
20) 3+4-Methylphenols	7.281	107	149120	42.737	ng	93
22) Acetophenone	7.287	105	234112	47.038	ng	100
24) Nitrobenzene	7.463	77	183540	41.276	ng	100
25) Isophorone	7.698	82	329004	44.768	ng	99
26) 2-Nitrophenol	7.781	139	92552	43.752	ng	94
27) 2,4-Dimethylphenol	7.810	122	149796	47.652	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	200900	43.835	ng	100
29) 2,4-Dichlorophenol	8.022	162	153673	42.036	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	166768	44.342	ng	97
31) Naphthalene	8.187	128	449660	41.369	ng	99
32) Benzoic acid	7.934	122	101741	51.023	ng	87
33) 4-Chloroaniline	8.234	127	87921	23.236	ng	97
34) Hexachlorobutadiene	8.298	225	124657	40.536	ng	98
35) Caprolactam	8.598	113	43523m	47.476	ng	
36) 4-Chloro-3-methylphenol	8.716	107	142318	44.115	ng	98
37) 2-Methylnaphthalene	8.875	142	277936	38.783	ng	96
38) 1-Methylnaphthalene	8.975	142	282025	41.538	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	193244	44.297	ng	99
41) Hexachlorocyclopentadiene	9.028	237	180317	133.824	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	121463	42.835	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
 Data File : BF144076.D
 Acq On : 27 Oct 2025 11:27
 Operator : RC/JU
 Sample : PB170206BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025

Quant Time: Oct 27 11:51:04 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 24 17:30:25 2025

Response via : Initial Calibration

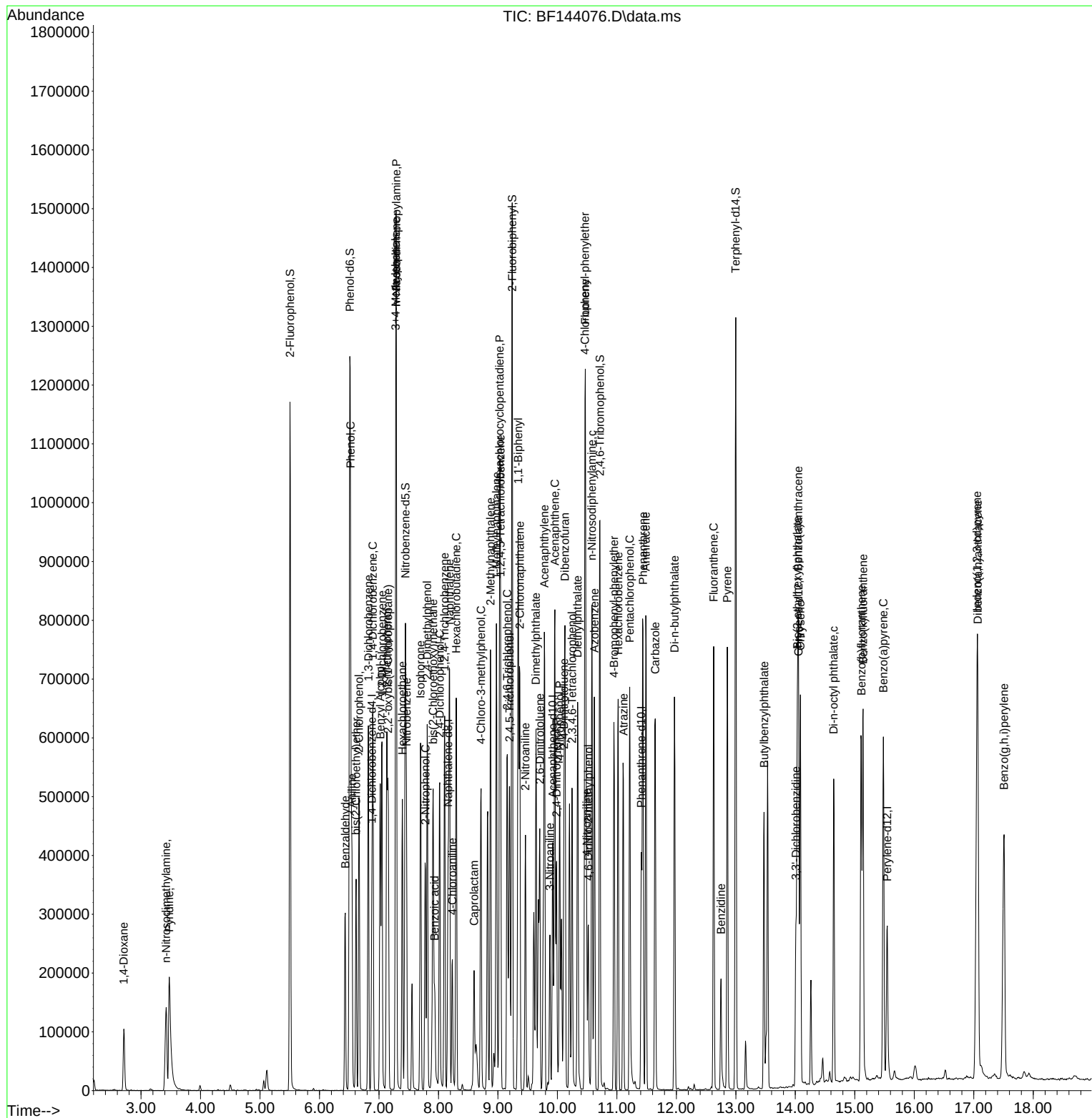
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	131752	44.272	ng	94
46) 1,1'-Biphenyl	9.339	154	416023	45.784	ng	100
47) 2-Chloronaphthalene	9.369	162	317814	41.749	ng	97
48) 2-Nitroaniline	9.463	65	100849	44.613	ng	98
49) Acenaphthylene	9.781	152	488250	47.567	ng	99
50) Dimethylphthalate	9.639	163	365152	43.887	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76797	46.689	ng	94
52) Acenaphthene	9.957	154	309791	45.192	ng	98
53) 3-Nitroaniline	9.875	138	53614	29.317	ng	99
54) 2,4-Dinitrophenol	9.987	184	84812	95.333	ng	96
55) Dibenzofuran	10.128	168	408424	42.917	ng	97
56) 4-Nitrophenol	10.039	139	103237	83.365	ng	95
57) 2,4-Dinitrotoluene	10.110	165	102869	46.338	ng	95
58) Fluorene	10.469	166	314278	43.341	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	101160m	48.238	ng	
60) Diethylphthalate	10.339	149	344494	44.027	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	176970	43.398	ng	98
62) 4-Nitroaniline	10.492	138	73871	42.632	ng	96
63) Azobenzene	10.622	77	318812	43.049	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	60591	43.080	ng	96
66) n-Nitrosodiphenylamine	10.581	169	306085	43.700	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	118355	43.120	ng	99
68) Hexachlorobenzene	11.022	284	147792	43.904	ng	97
69) Atrazine	11.110	200	98315	42.776	ng	99
70) Pentachlorophenol	11.216	266	143887	89.799	ng	97
71) Phenanthrene	11.439	178	457094	41.974	ng	98
72) Anthracene	11.486	178	467889	41.592	ng	99
73) Carbazole	11.645	167	388915	40.617	ng	98
74) Di-n-butylphthalate	11.969	149	470696	40.095	ng	100
75) Fluoranthene	12.628	202	448694	37.294	ng	99
77) Benzidine	12.751	184	125022	32.007	ng	99
78) Pyrene	12.857	202	459771	50.955	ng	99
80) Butylbenzylphthalate	13.475	149	154922	45.384	ng	99
81) Benzo(a)anthracene	14.051	228	391028	46.101	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	89667	30.369	ng	99
83) Chrysene	14.086	228	343256	43.126	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	197242	42.325	ng	98
85) Di-n-octyl phthalate	14.645	149	346250	43.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	537768	45.859	ng	99
88) Benzo(b)fluoranthene	15.110	252	421925	43.695	ng	99
89) Benzo(k)fluoranthene	15.139	252	387464	43.491	ng	99
90) Benzo(a)pyrene	15.480	252	403459	46.574	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	430920	46.423	ng	99
92) Benzo(g,h,i)perylene	17.510	276	449738	48.190	ng	98

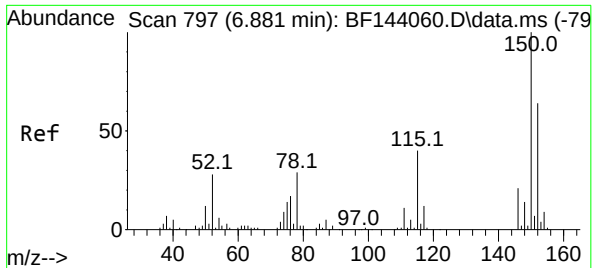
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Instrument :
BNA_F
ClientSampleId :
PB170206BS

Manual Integrations

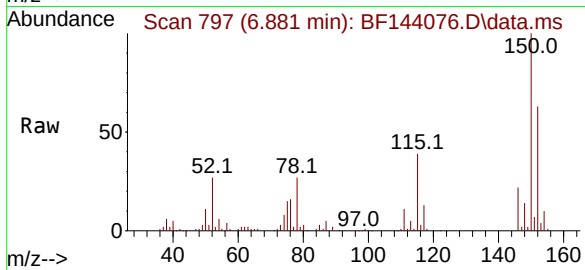
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

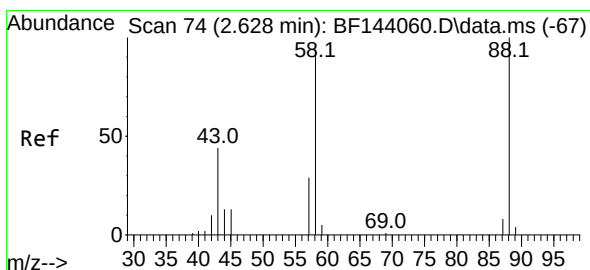
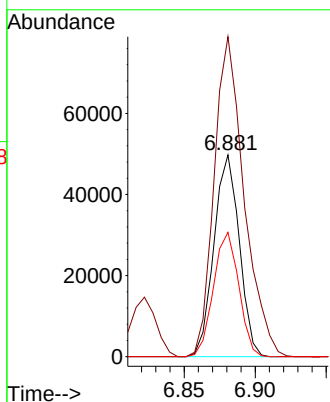
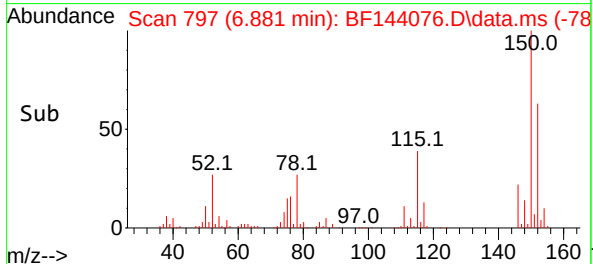
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:152 Resp: 6165
Ion Ratio Lower Upper
152 100
150 158.6 124.4 186.6
115 61.6 49.4 74.0

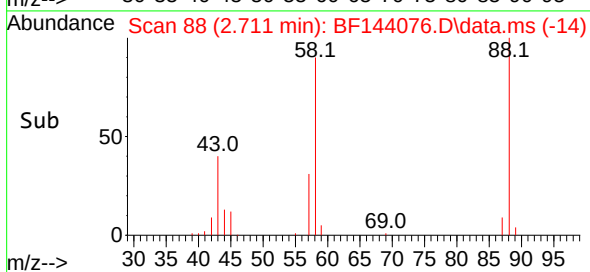
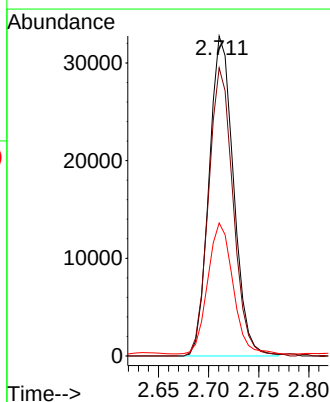
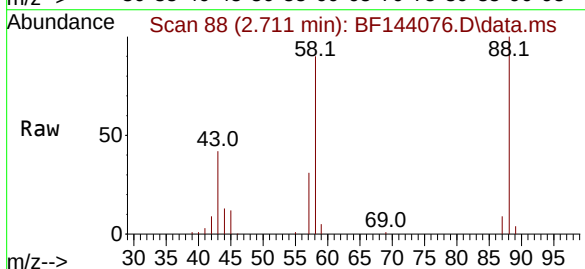
Manual Integrations
APPROVED

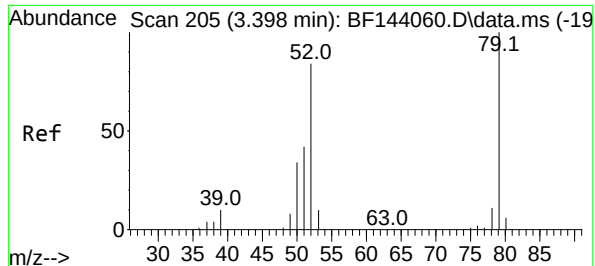
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#2
1,4-Dioxane
Concen: 32.950 ng
RT: 2.711 min Scan# 88
Delta R.T. 0.083 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

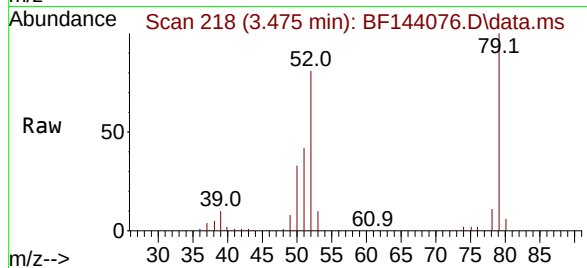
Tgt Ion: 88 Resp: 55486
Ion Ratio Lower Upper
88 100
58 90.6 76.5 114.7
43 42.1 35.3 52.9





#3
Pyridine
Concen: 36.146 ng
RT: 3.475 min Scan# 218
Delta R.T. 0.077 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

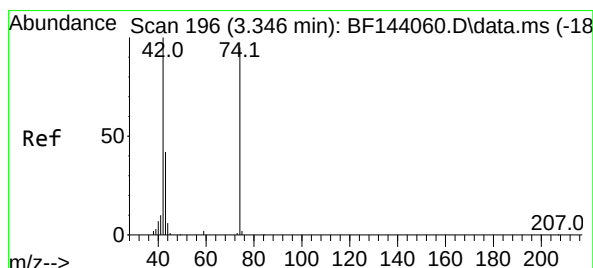
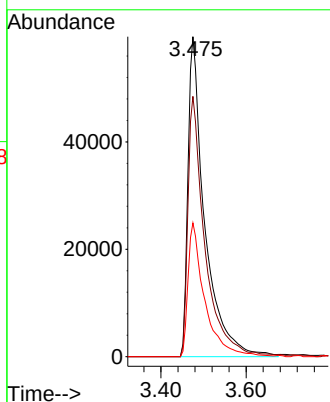
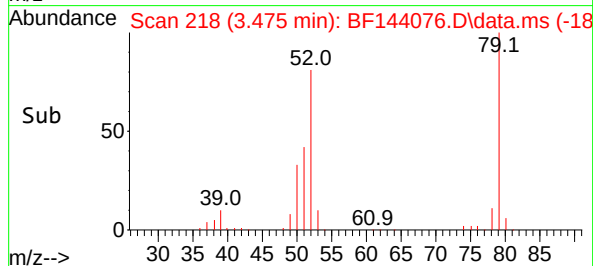
Instrument :
BNA_F
ClientSampleId :
PB170206BS



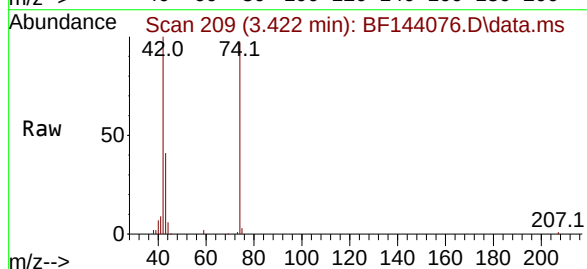
Tgt Ion: 79 Resp: 162952
Ion Ratio Lower Upper
79 100
52 81.4 67.5 101.3
51 41.8 33.6 50.4

Manual Integrations
APPROVED

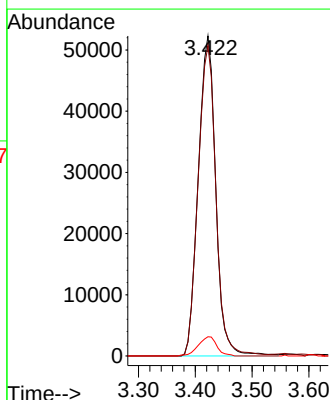
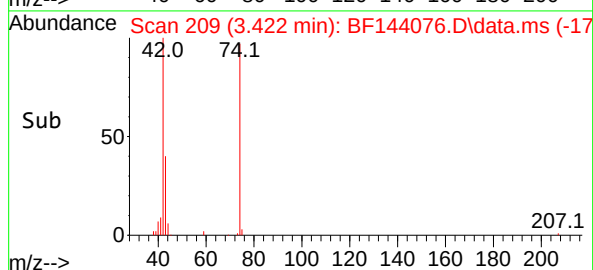
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

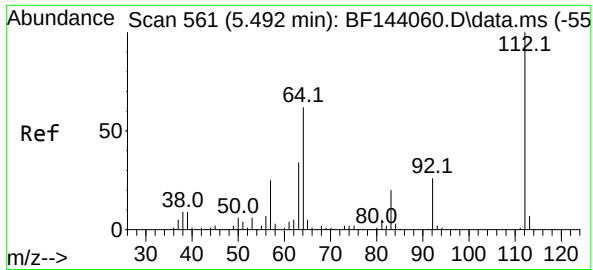


#4
n-Nitrosodimethylamine
Concen: 40.443 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.077 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



Tgt Ion: 42 Resp: 112032
Ion Ratio Lower Upper
42 100
74 97.0 76.4 114.6
44 6.0 5.2 7.8





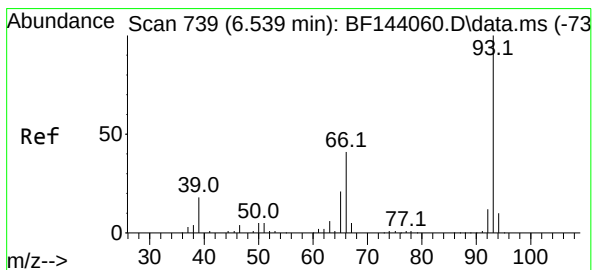
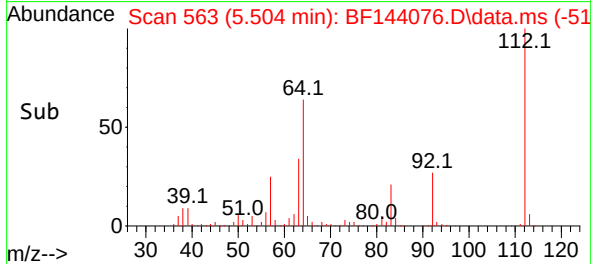
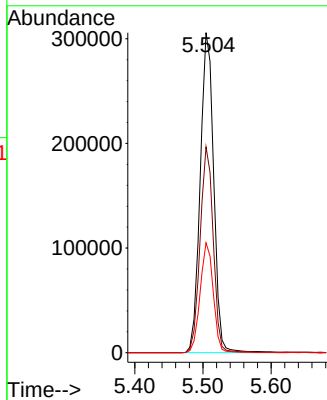
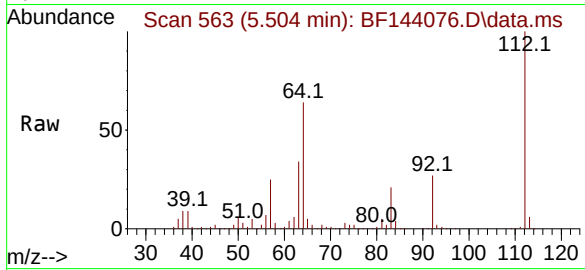
#5
2-Fluorophenol
Concen: 108.023 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:112 Resp: 42095
Ion Ratio Lower Upper
112 100
64 64.3 49.8 74.8
63 34.3 27.4 41.2

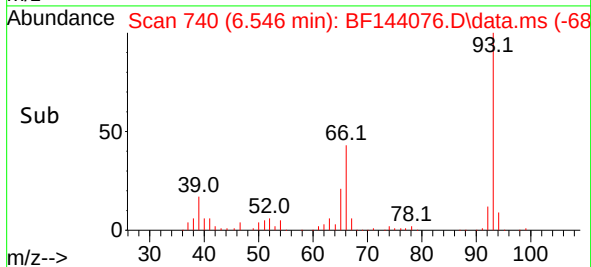
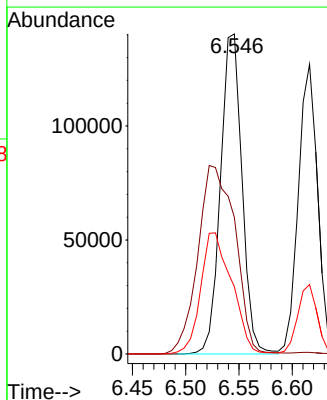
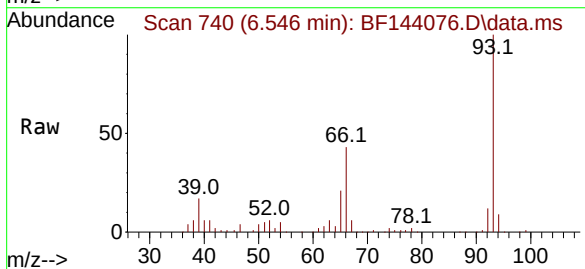
Manual Integrations
APPROVED

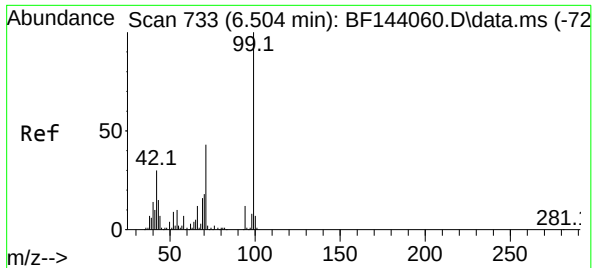
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#6
Aniline
Concen: 32.035 ng
RT: 6.546 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

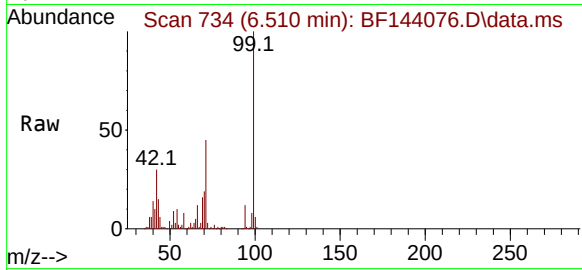
Tgt Ion: 93 Resp: 197243
Ion Ratio Lower Upper
93 100
66 42.7 35.7 53.5
65 21.0 17.0 25.6





#7
Phenol-d6
Concen: 112.270 ng
RT: 6.510 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

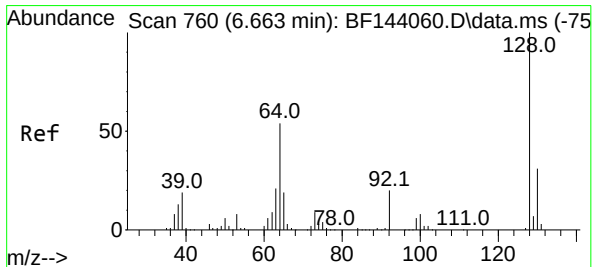
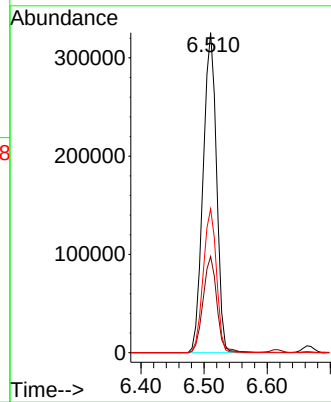
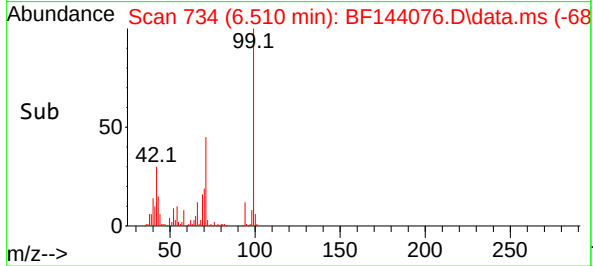
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion: 99 Resp: 483175
Ion Ratio Lower Upper
99 100
42 30.0 23.9 35.9
71 45.0 34.4 51.6

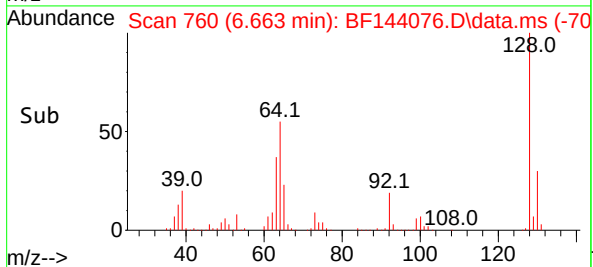
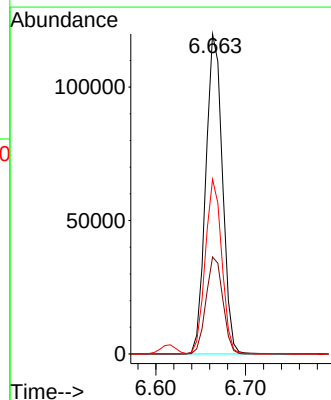
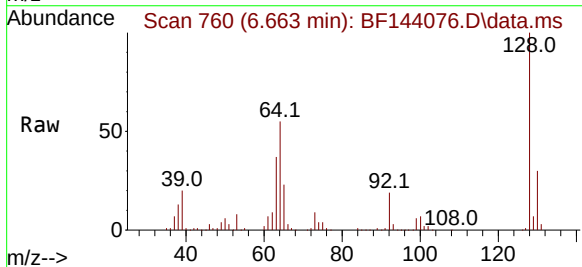
Manual Integrations
APPROVED

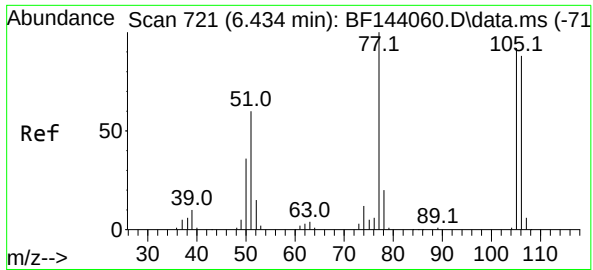
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#8
2-Chlorophenol
Concen: 40.266 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

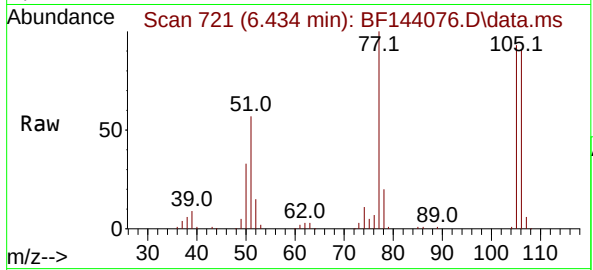
Tgt Ion:128 Resp: 154526
Ion Ratio Lower Upper
128 100
130 30.3 10.7 50.7
64 54.6 34.7 74.7





#9
Benzaldehyde
Concen: 24.900 ng
RT: 6.434 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

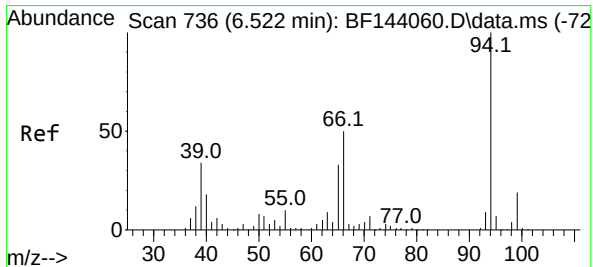
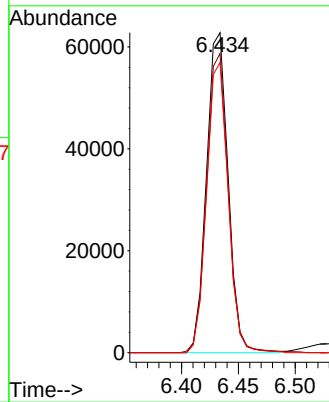
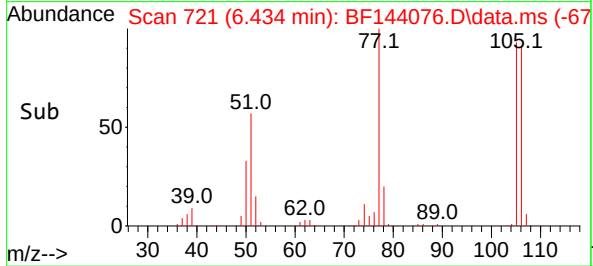
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion: 77 Resp: 8320
Ion Ratio Lower Upper
77 100
105 93.5 72.2 112.2
106 90.7 67.9 107.9

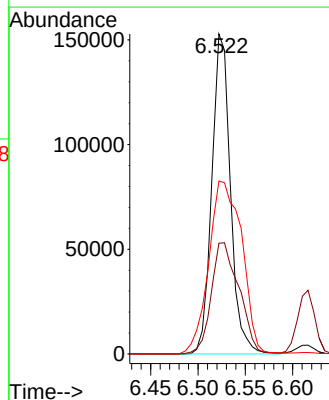
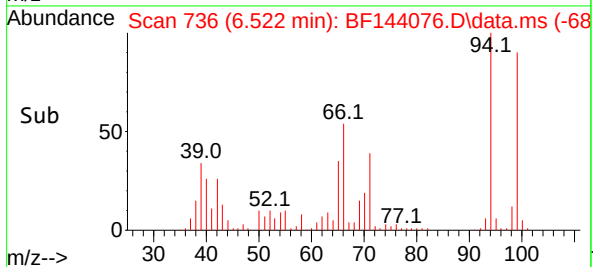
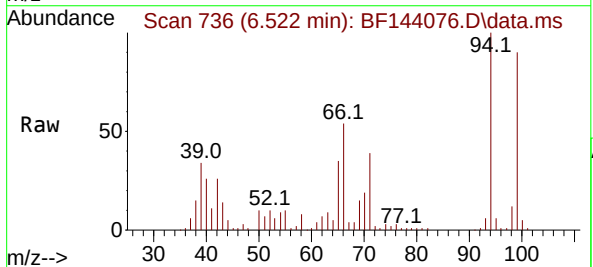
Manual Integrations
APPROVED

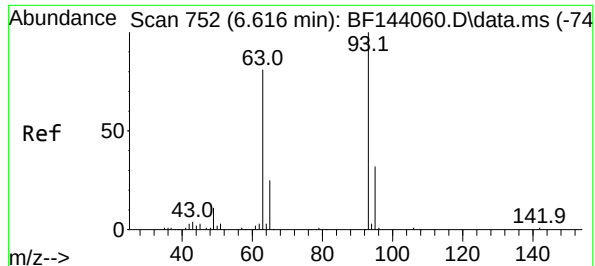
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#10
Phenol
Concen: 39.271 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

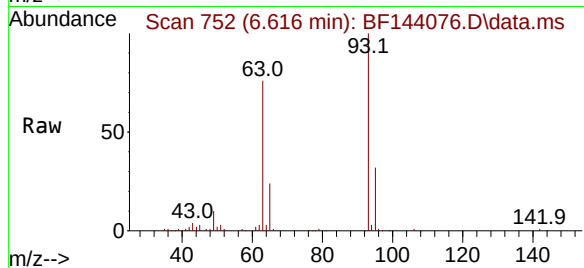
Tgt Ion: 94 Resp: 208508
Ion Ratio Lower Upper
94 100
65 34.6 13.1 53.1
66 54.1 30.6 70.6





#11
bis(2-Chloroethyl)ether
Concen: 40.968 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

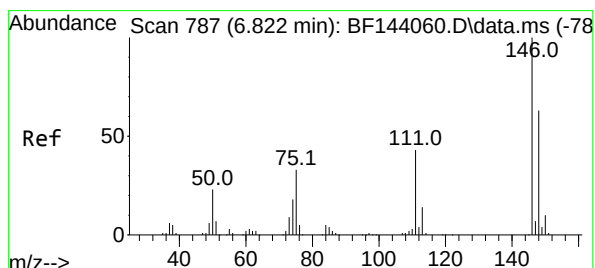
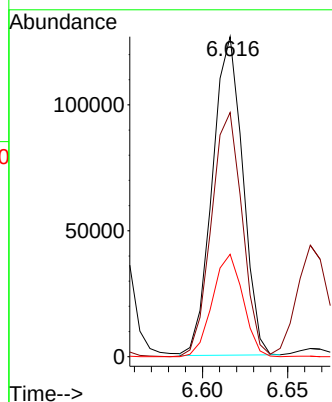
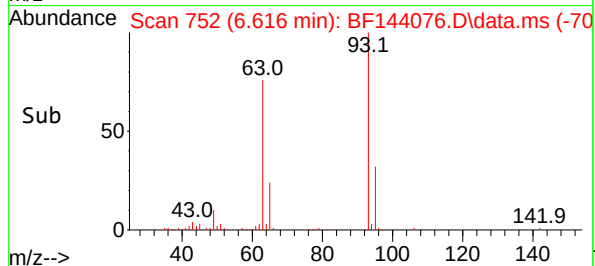
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion: 93 Resp: 157180
Ion Ratio Lower Upper
93 100
63 76.3 60.2 100.2
95 32.0 12.4 52.4

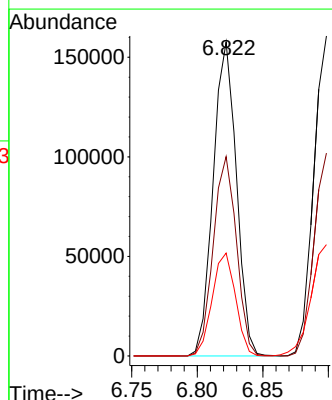
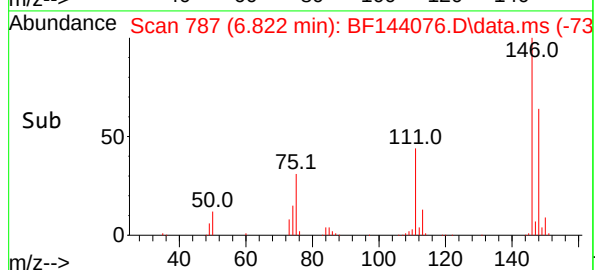
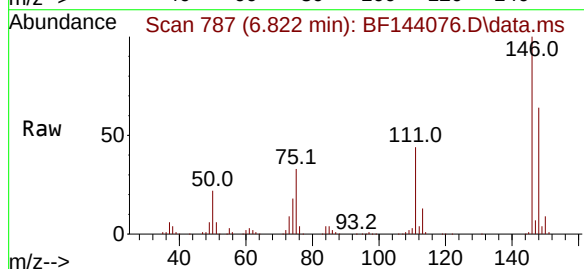
Manual Integrations
APPROVED

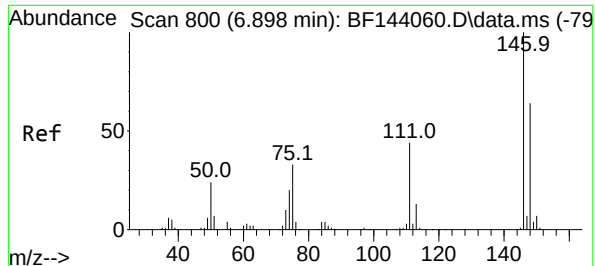
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#12
1,3-Dichlorobenzene
Concen: 41.031 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:146 Resp: 194241
Ion Ratio Lower Upper
146 100
148 63.5 50.6 75.8
75 32.8 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 42.240 ng

RT: 6.898 min Scan# 800

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion:146 Resp: 197064

Ion Ratio Lower Upper

146 100

148 63.4 51.0 76.6

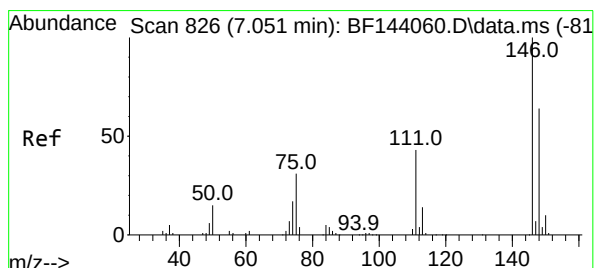
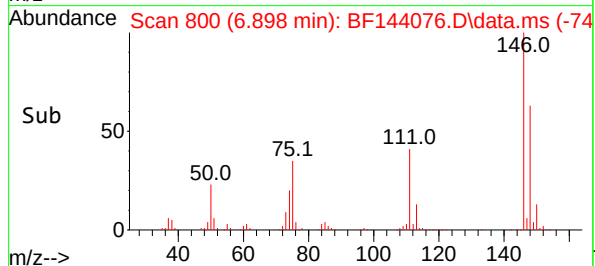
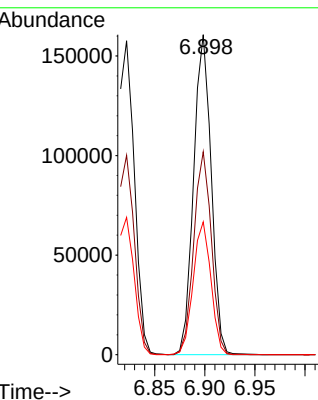
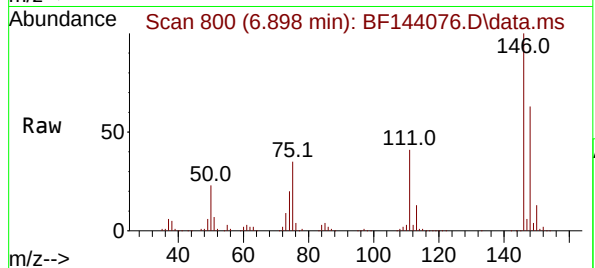
111 41.5 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#14

1,2-Dichlorobenzene

Concen: 41.817 ng

RT: 7.051 min Scan# 826

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

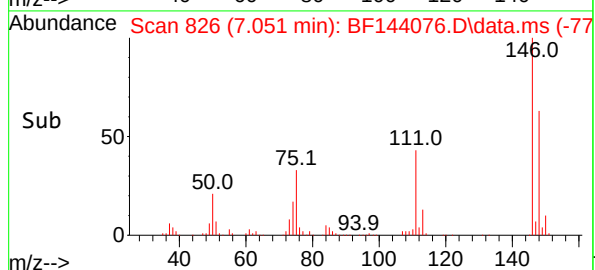
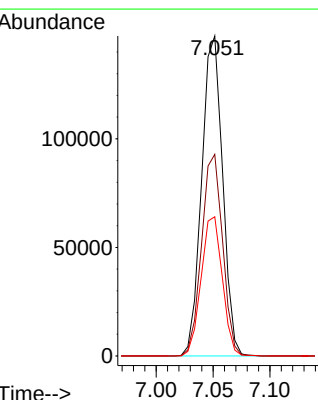
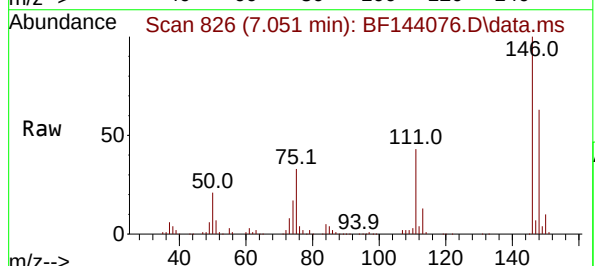
Tgt Ion:146 Resp: 188767

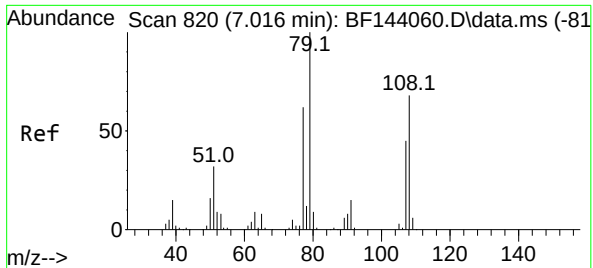
Ion Ratio Lower Upper

146 100

148 63.0 50.8 76.2

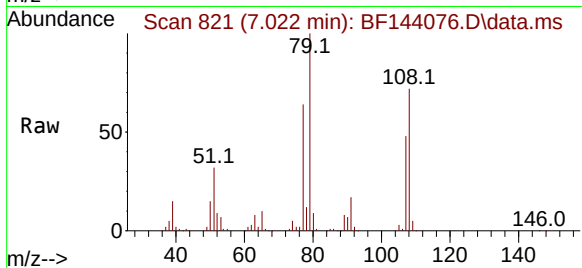
111 43.5 34.7 52.1





#15
Benzyl Alcohol
Concen: 43.566 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

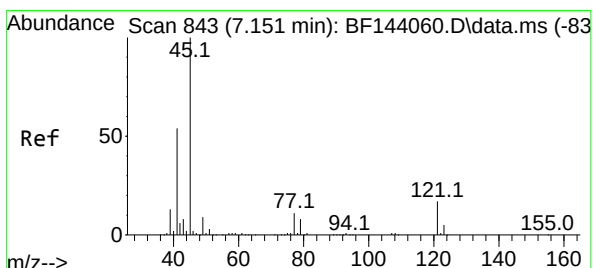
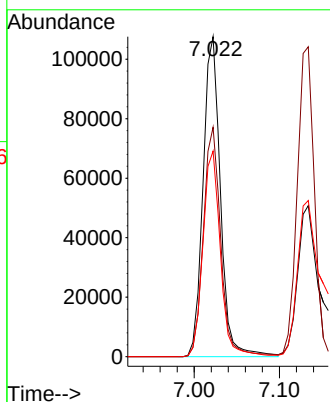
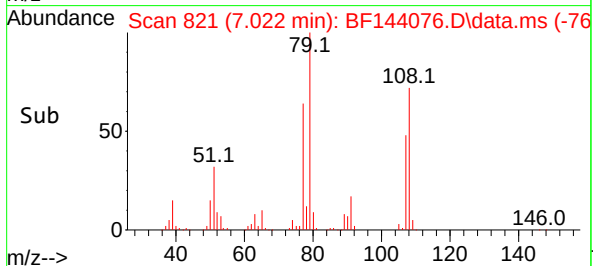
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion: 79 Resp: 15245
Ion Ratio Lower Upper
79 100
108 71.7 54.8 82.2
77 64.3 49.4 74.0

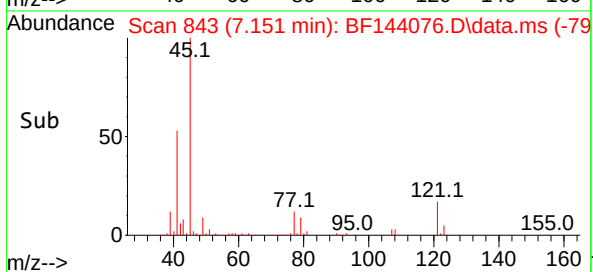
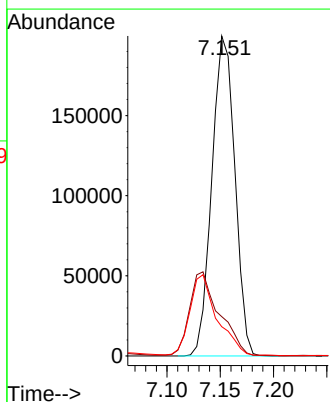
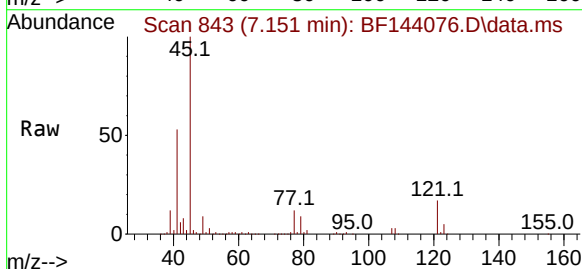
Manual Integrations
APPROVED

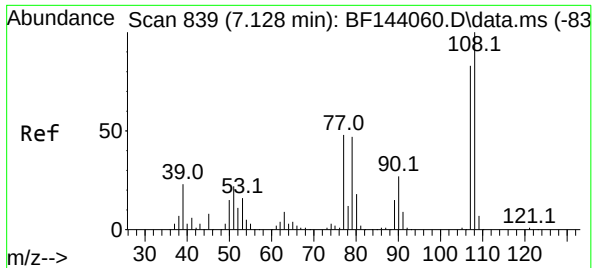
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.507 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

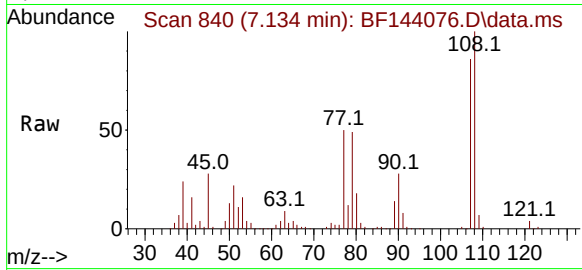
Tgt Ion: 45 Resp: 299293
Ion Ratio Lower Upper
45 100
77 12.3 0.0 30.9
79 9.2 0.0 28.2





#17
2-Methylphenol
Concen: 41.157 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

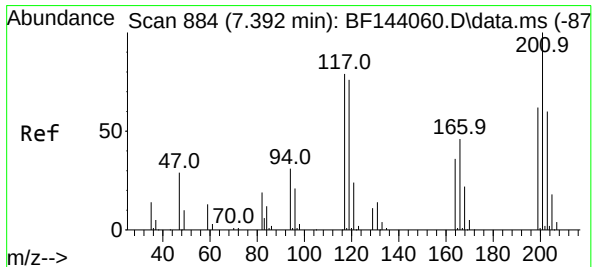
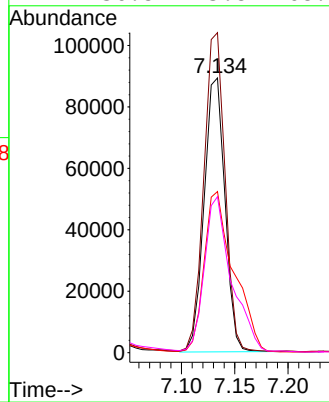
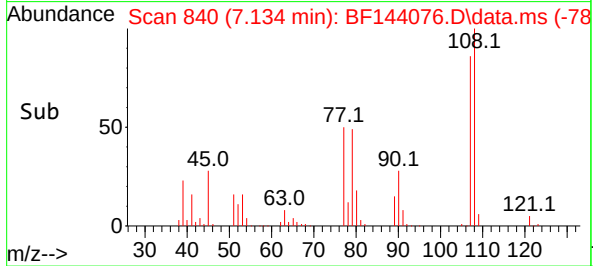
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:107 Resp: 121478
Ion Ratio Lower Upper
107 100
108 116.5 96.4 144.6
77 58.7 46.8 70.2
79 56.8 45.8 68.6

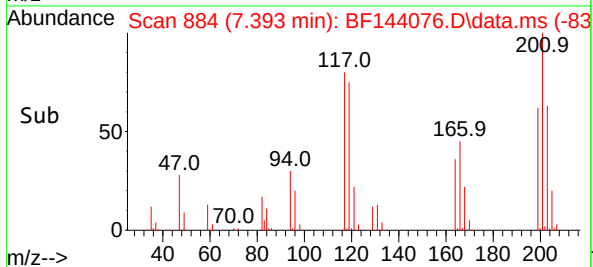
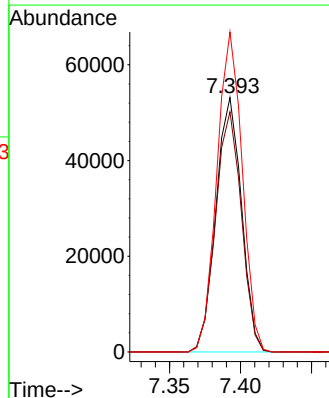
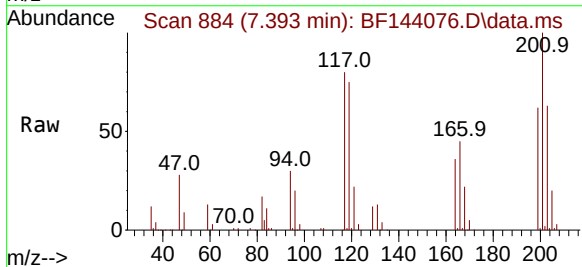
Manual Integrations
APPROVED

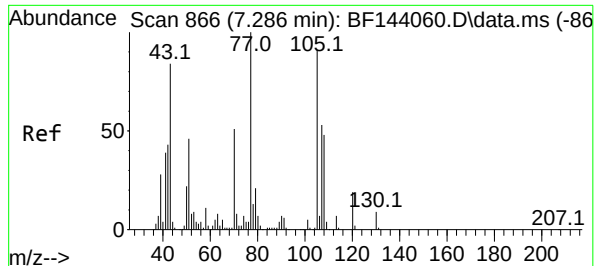
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#18
Hexachloroethane
Concen: 39.990 ng
RT: 7.393 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:117 Resp: 66701
Ion Ratio Lower Upper
117 100
119 94.4 76.6 115.0
201 125.8 100.9 151.3





#19

n-Nitroso-di-n-propylamine

Concen: 44.060 ng

RT: 7.293 min Scan# 867

Delta R.T. 0.006 min

Lab File: BF144076.D

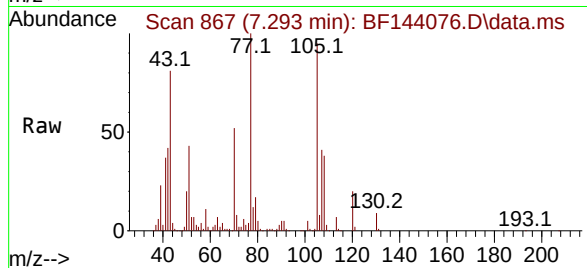
Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS



Tgt Ion: 70 Resp: 12262

Ion Ratio Lower Upper

70 100

42 79.5 67.4 101.0

101 9.1 7.1 10.7

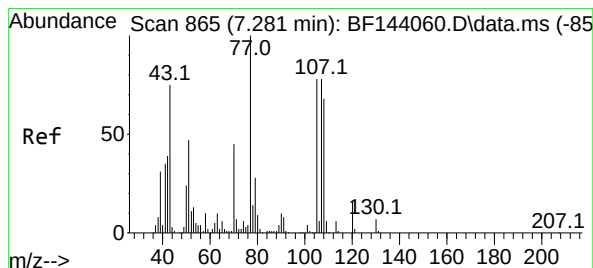
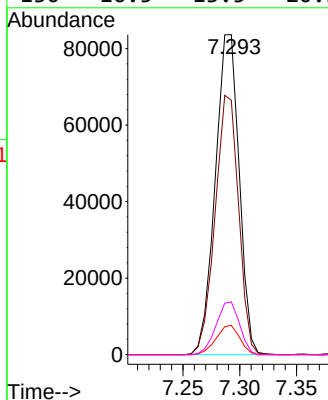
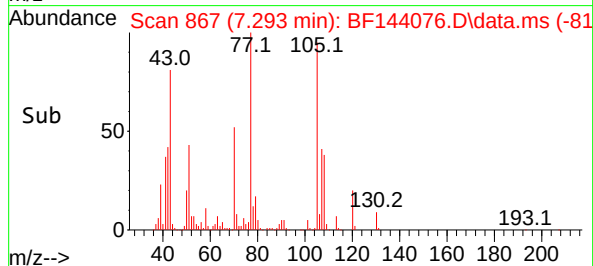
130 16.5 13.5 20.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#20

3+4-Methylphenols

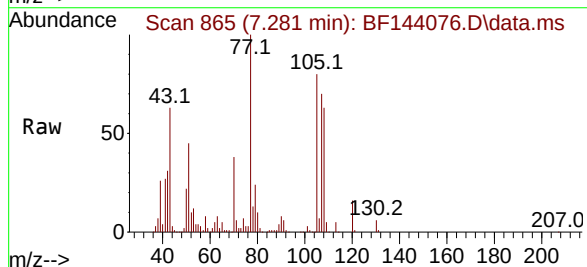
Concen: 42.737 ng

RT: 7.281 min Scan# 865

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27



Tgt Ion:107 Resp: 149120

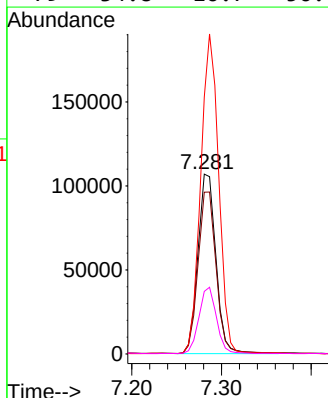
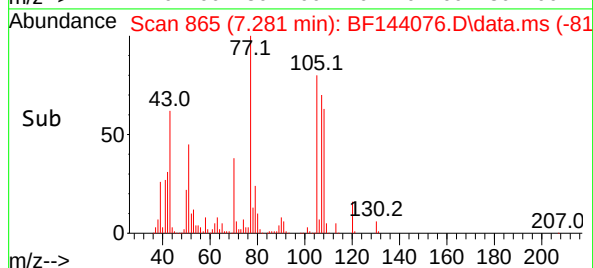
Ion Ratio Lower Upper

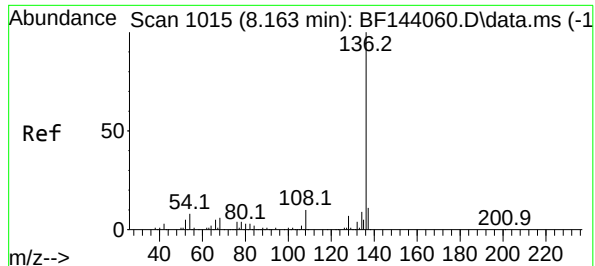
107 100

108 89.9 68.0 108.0

77 142.8 108.7 148.7

79 34.8 16.7 56.7





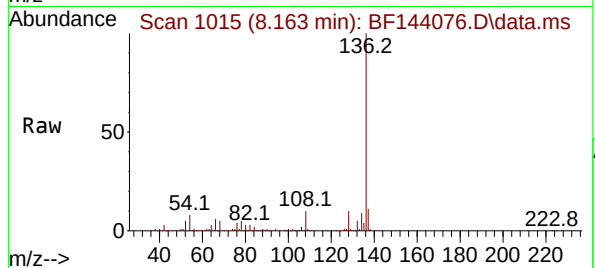
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS



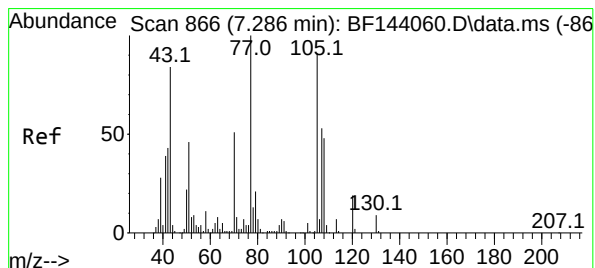
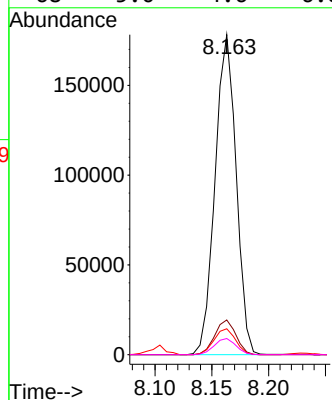
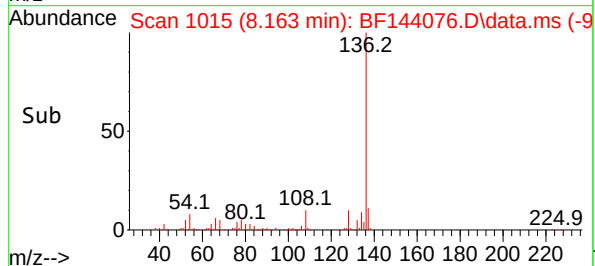
Tgt Ion:136 Resp: 230295
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.6 9.8
68 5.0 4.6 6.8

Manual Integrations

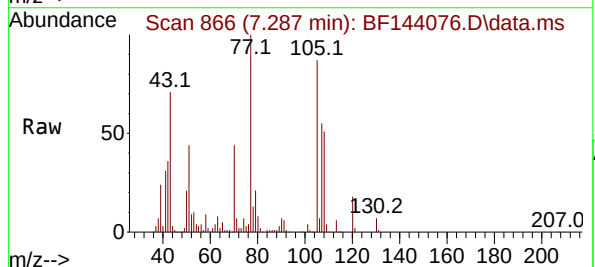
APPROVED

Reviewed By :Rahul Chavli 10/28/2025

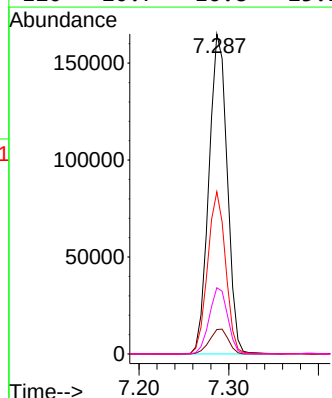
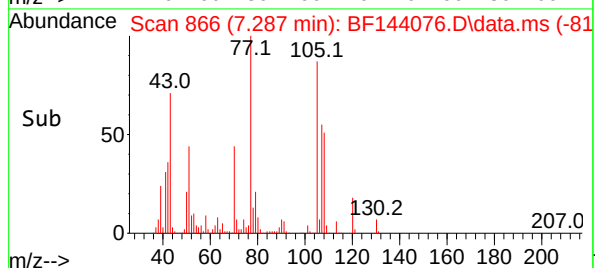
Supervised By :Jagrut Upadhyay 10/28/2025

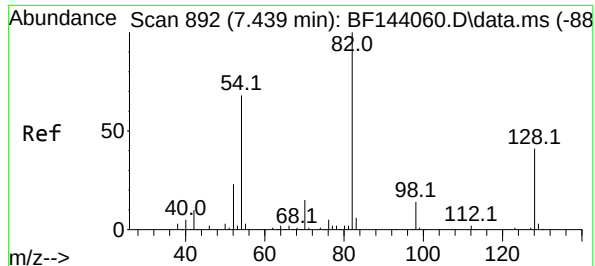


#22
Acetophenone
Concen: 47.038 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



Tgt Ion:105 Resp: 234112
Ion Ratio Lower Upper
105 100
71 7.6 6.9 10.3
51 50.7 40.6 60.8
120 20.7 16.8 25.2





#23

Nitrobenzene-d5

Concen: 78.385 ng

RT: 7.446 min Scan# 893

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion: 82 Resp: 32949

Ion Ratio Lower Upper

82 100

128 41.2 32.4 48.6

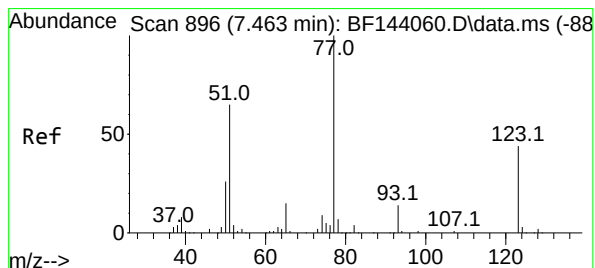
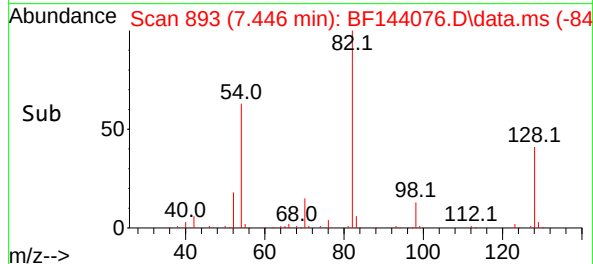
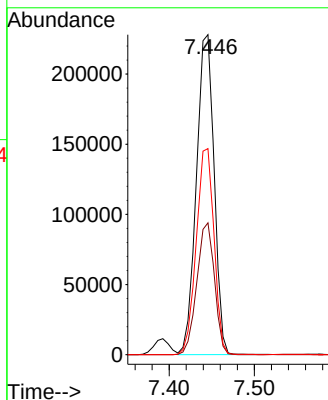
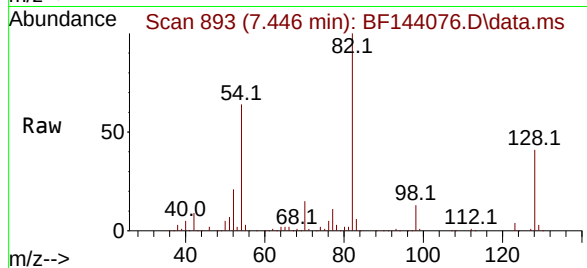
54 64.4 54.0 81.0

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#24

Nitrobenzene

Concen: 41.276 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

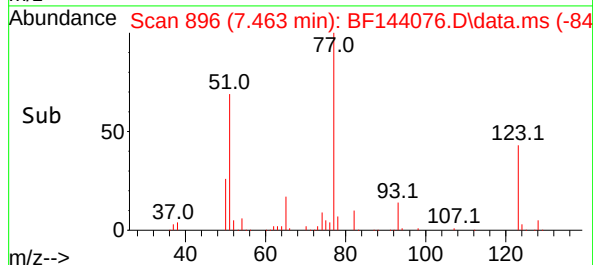
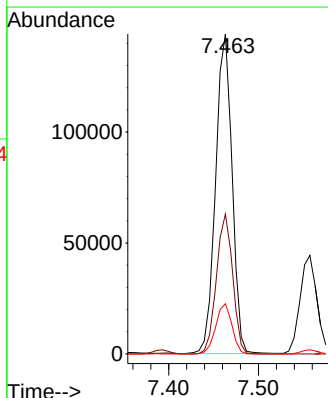
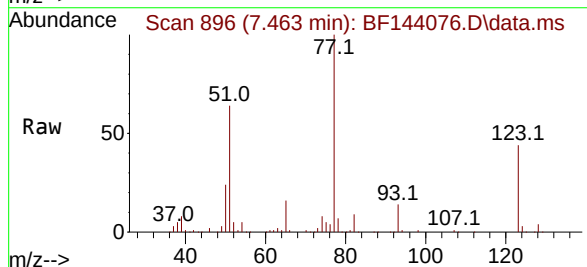
Tgt Ion: 77 Resp: 183540

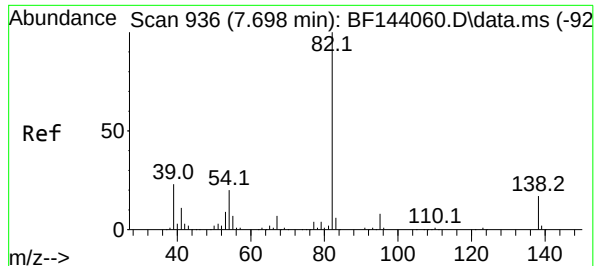
Ion Ratio Lower Upper

77 100

123 43.7 35.0 52.6

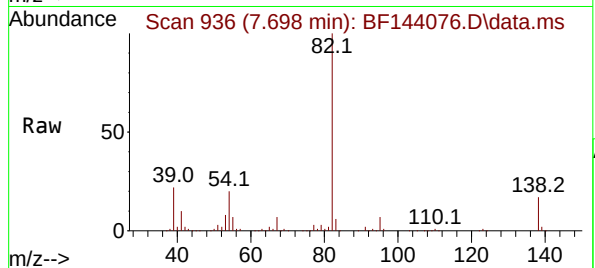
65 15.7 12.2 18.2





#25
Isophorone
Concen: 44.768 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

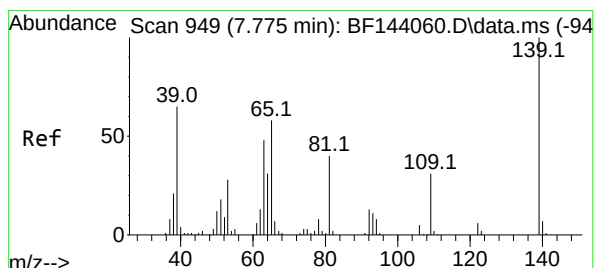
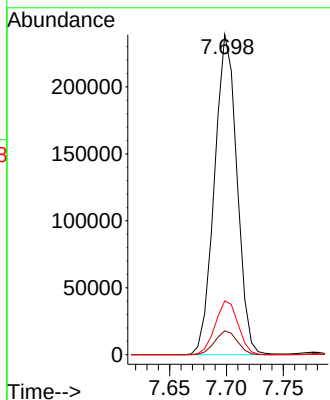
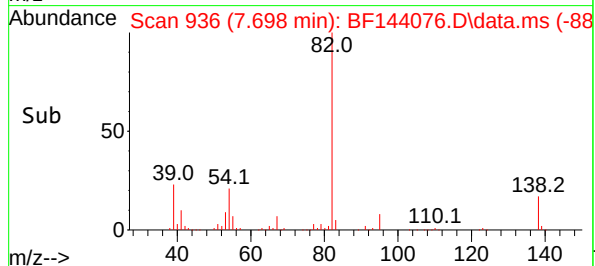
Instrument :
BNA_F
ClientSampleId :
PB170206BS



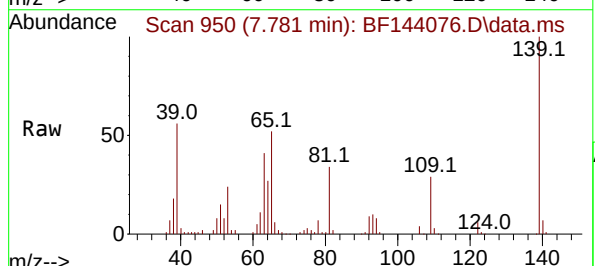
Tgt Ion: 82 Resp: 329004
Ion Ratio Lower Upper
82 100
95 7.4 6.6 9.8
138 16.8 13.8 20.8

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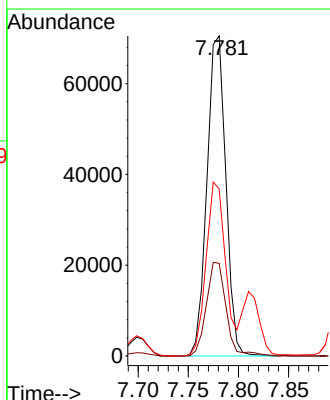
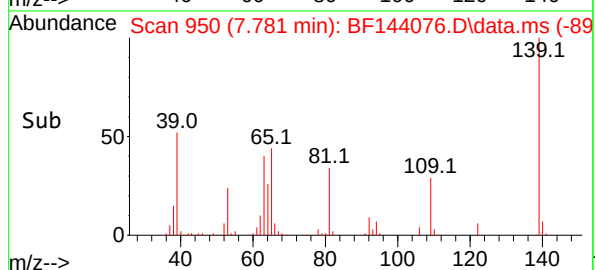
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

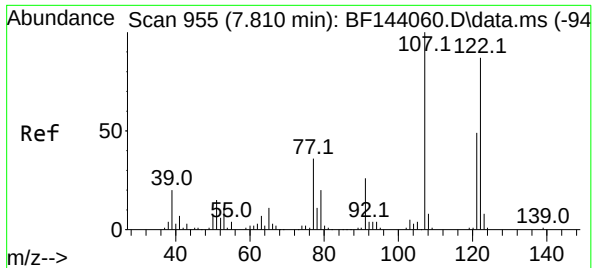


#26
2-Nitrophenol
Concen: 43.752 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



Tgt Ion:139 Resp: 92552
Ion Ratio Lower Upper
139 100
109 28.9 24.6 37.0
65 52.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 47.652 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion:122 Resp: 149790

Ion Ratio Lower Upper

122 100

107 114.3 91.8 137.8

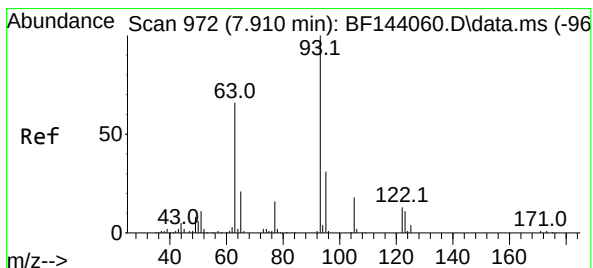
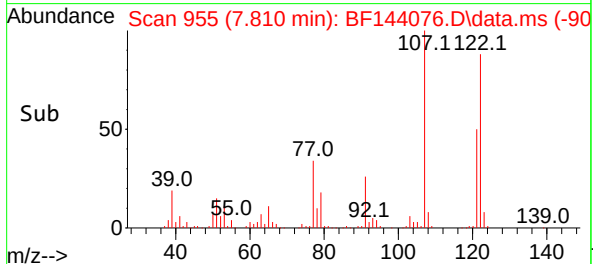
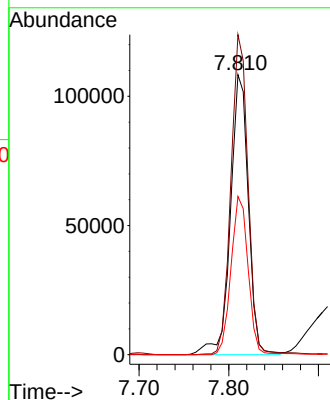
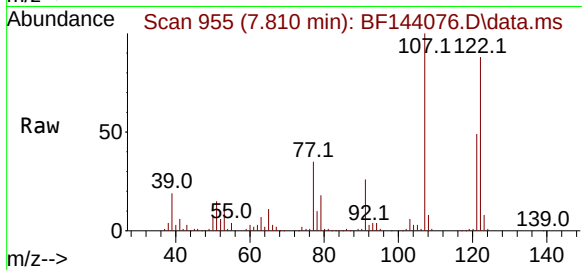
121 56.5 45.2 67.8

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.835 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

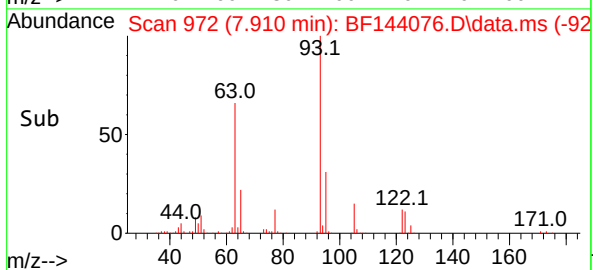
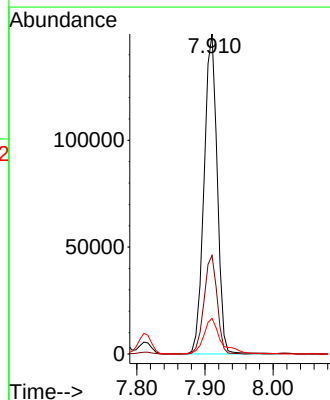
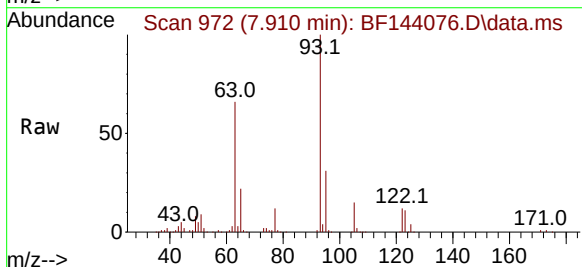
Tgt Ion: 93 Resp: 200900

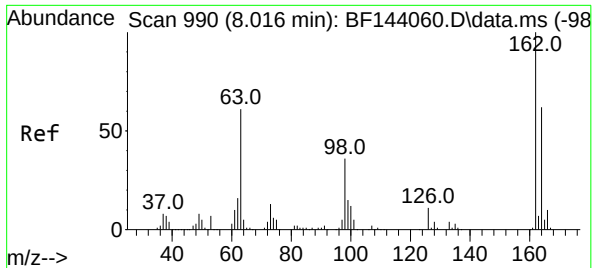
Ion Ratio Lower Upper

93 100

95 30.8 24.6 36.8

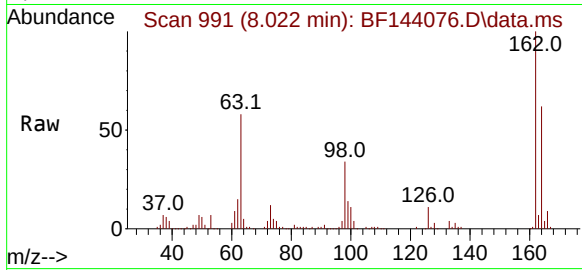
123 11.1 9.1 13.7





#29
2,4-Dichlorophenol
Concen: 42.036 ng
RT: 8.022 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

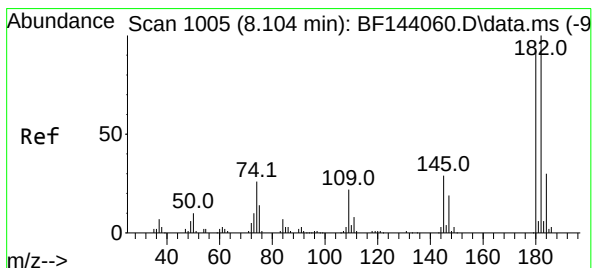
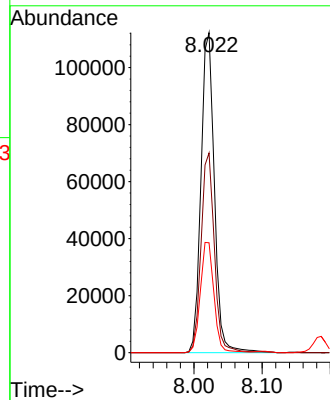
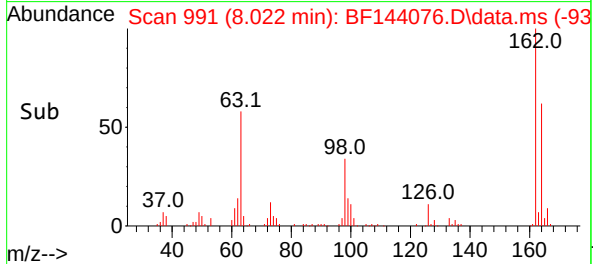
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:162 Resp: 15367
Ion Ratio Lower Upper
162 100
164 62.4 42.1 82.1
98 34.4 16.0 56.0

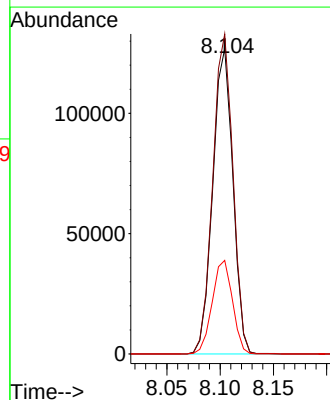
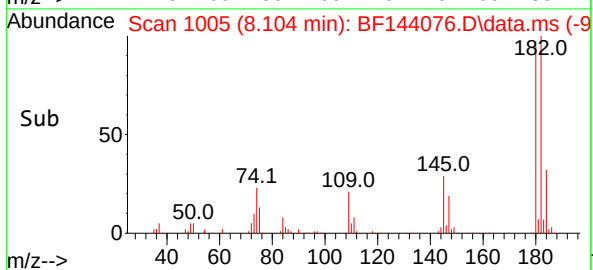
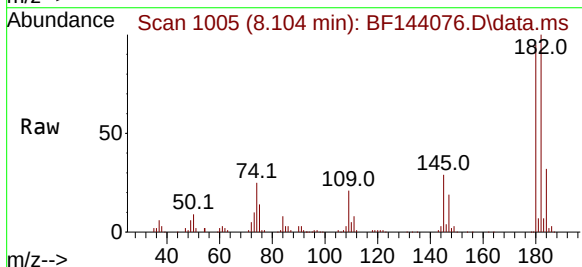
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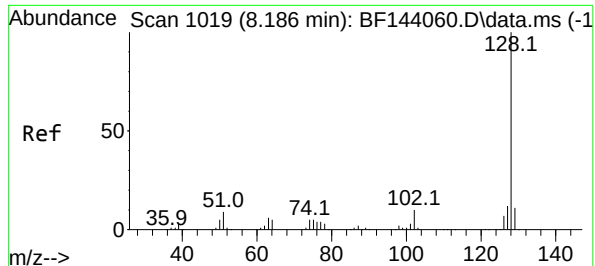
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#30
1,2,4-Trichlorobenzene
Concen: 44.342 ng
RT: 8.104 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:180 Resp: 166768
Ion Ratio Lower Upper
180 100
182 104.8 87.1 130.7
145 30.7 25.3 37.9





#31

Naphthalene

Concen: 41.369 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion:128 Resp: 449660

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

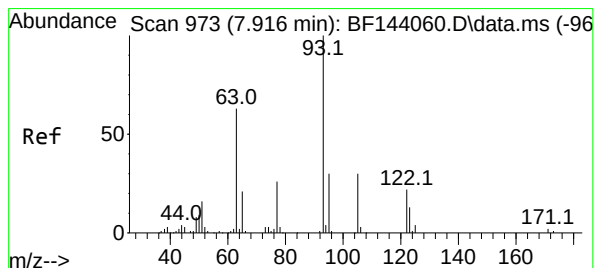
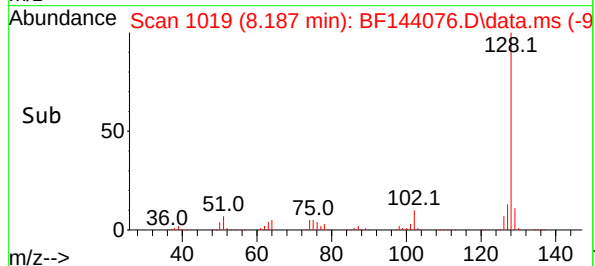
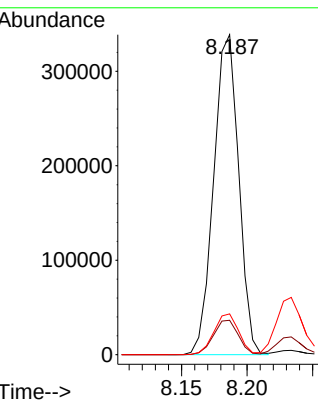
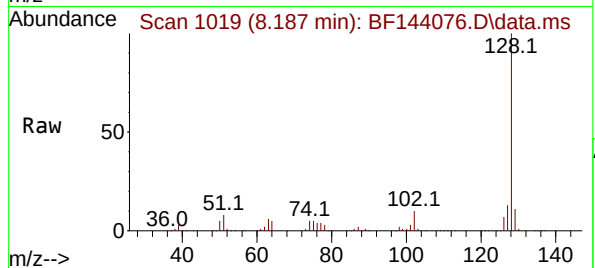
127 12.7 9.9 14.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#32

Benzoic acid

Concen: 51.023 ng

RT: 7.934 min Scan# 976

Delta R.T. 0.018 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

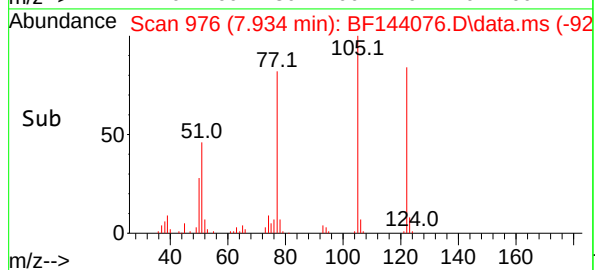
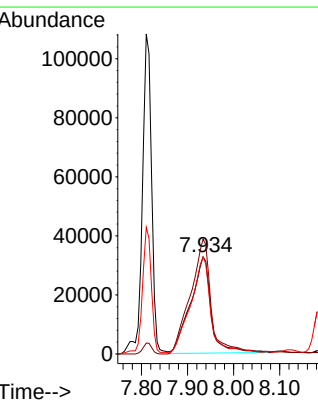
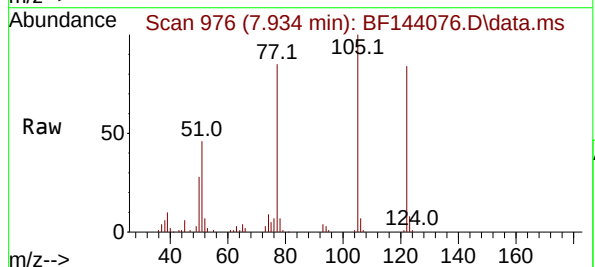
Tgt Ion:122 Resp: 101741

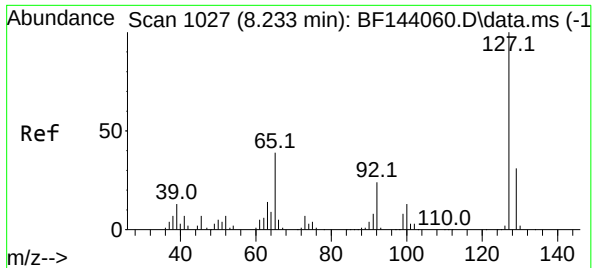
Ion Ratio Lower Upper

122 100

105 118.6 111.3 151.3

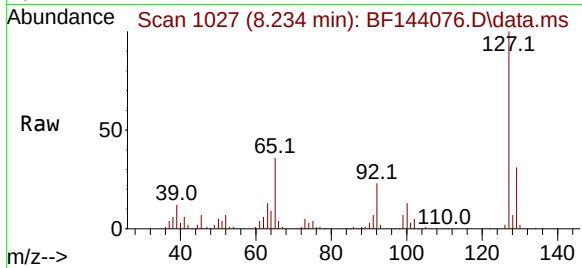
77 100.3 96.7 136.7





#33
4-Chloroaniline
Concen: 23.236 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

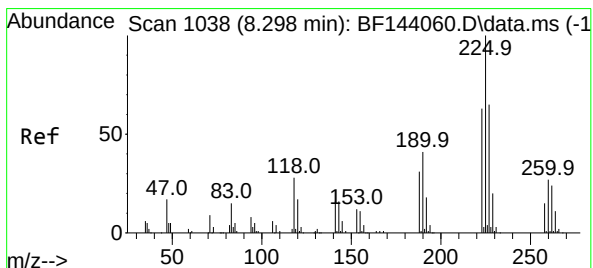
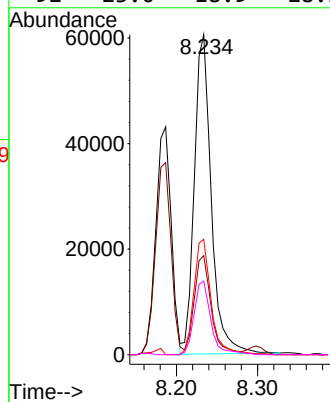
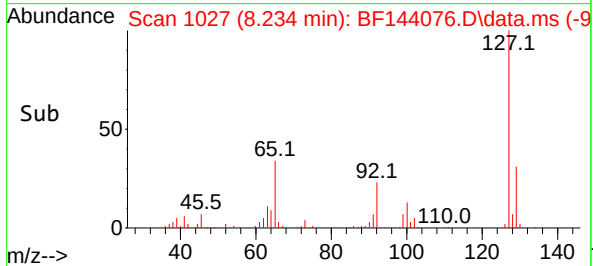
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:127 Resp: 8792
Ion Ratio Lower Upper
127 100
129 31.0 25.6 38.4
65 36.1 30.9 46.3
92 23.0 18.9 28.3

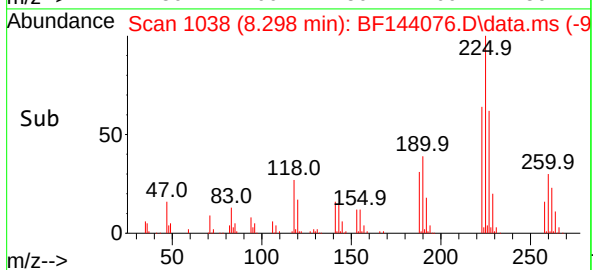
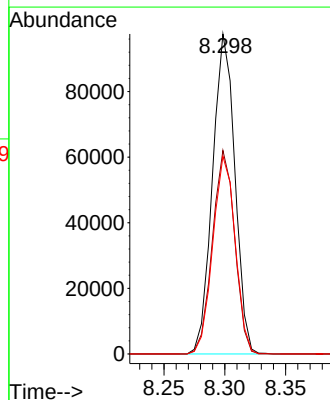
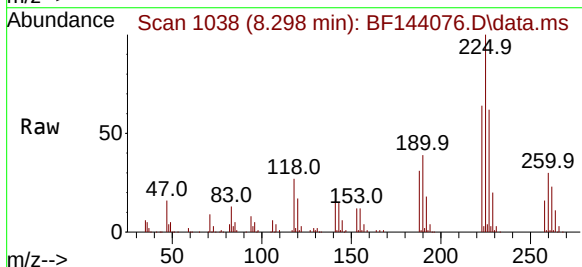
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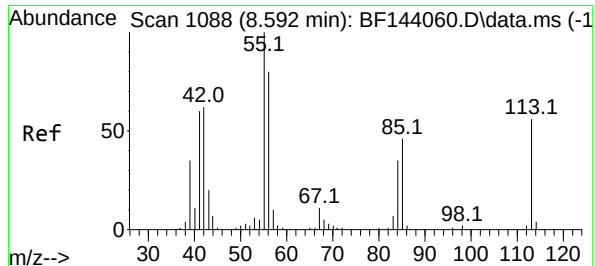
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#34
Hexachlorobutadiene
Concen: 40.536 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:225 Resp: 124657
Ion Ratio Lower Upper
225 100
223 63.6 50.6 76.0
227 61.8 51.8 77.8





#35

Caprolactam

Concen: 47.476 ng m

RT: 8.598 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion:113 Resp: 4352

Ion Ratio Lower Upper

113 100

55 195.1 160.1 200.1

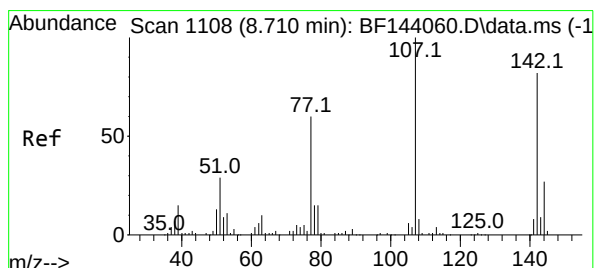
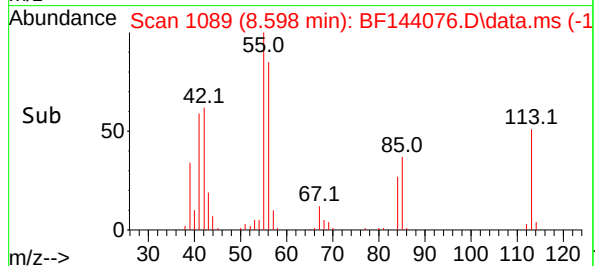
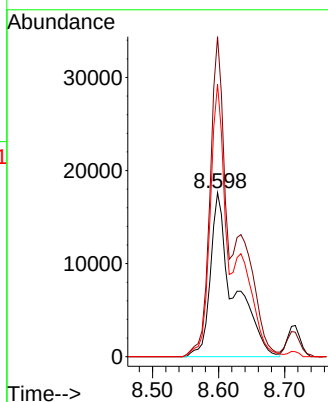
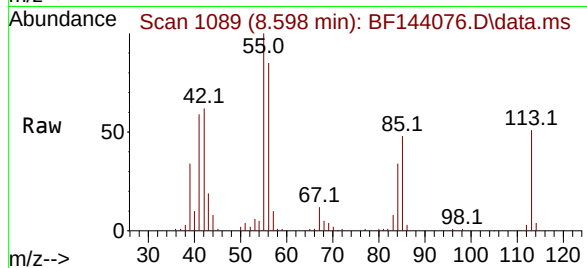
56 166.1 124.9 164.9

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#36

4-Chloro-3-methylphenol

Concen: 44.115 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

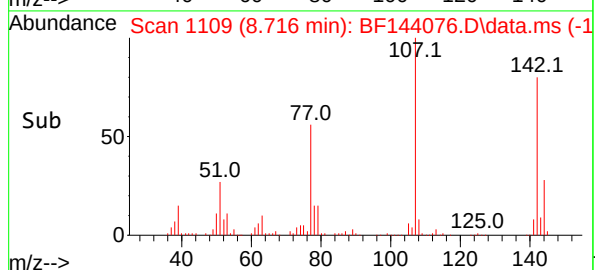
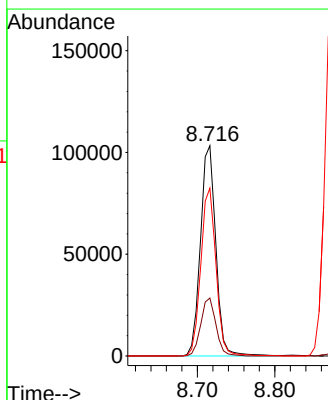
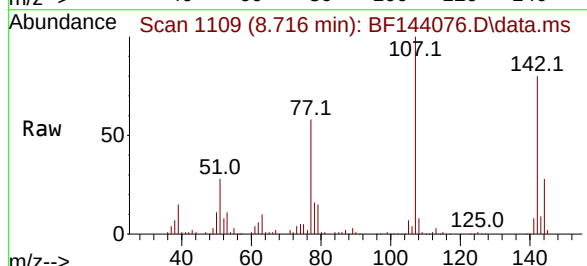
Tgt Ion:107 Resp: 142318

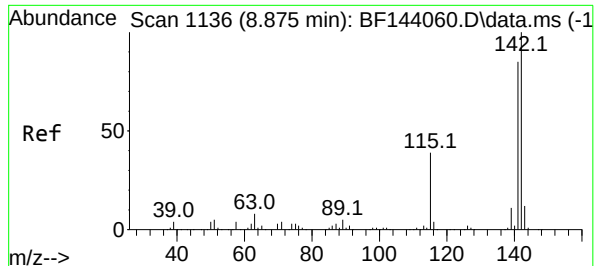
Ion Ratio Lower Upper

107 100

144 27.6 21.6 32.4

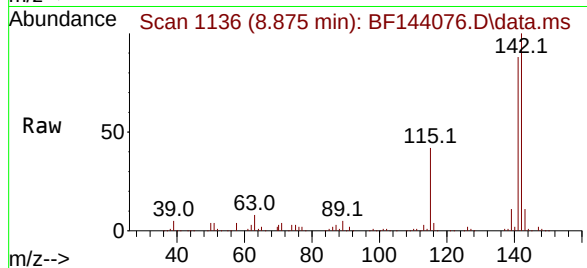
142 79.8 65.4 98.0





#37
2-Methylnaphthalene
Concen: 38.783 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

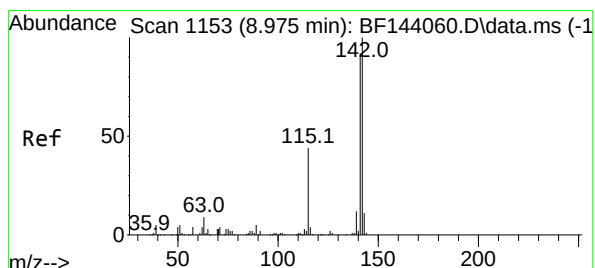
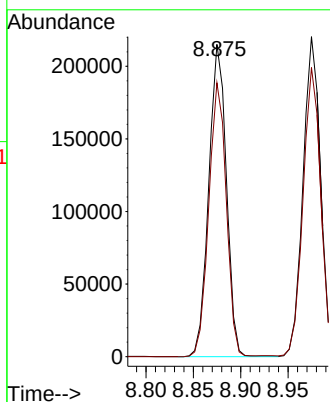
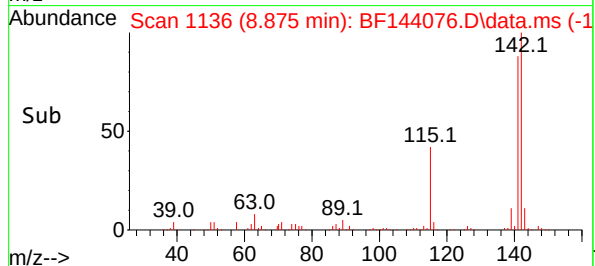
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:142 Resp: 277936
Ion Ratio Lower Upper
142 100
141 87.7 67.6 101.4

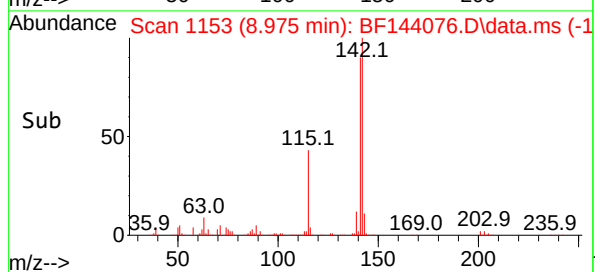
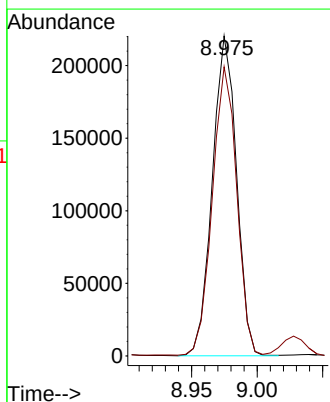
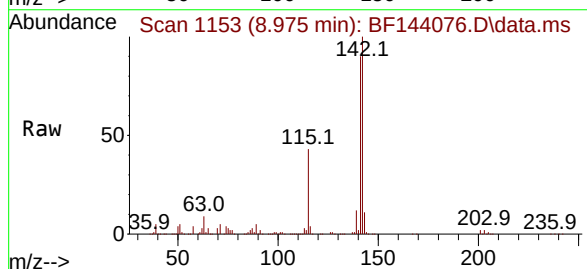
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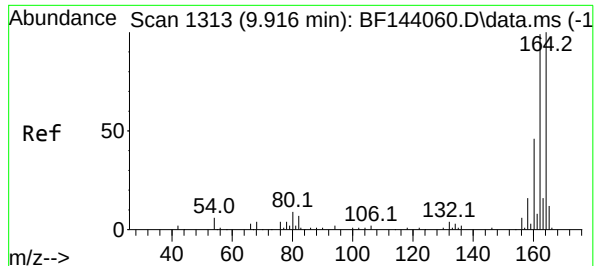
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#38
1-Methylnaphthalene
Concen: 41.538 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:142 Resp: 282025
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144076.D

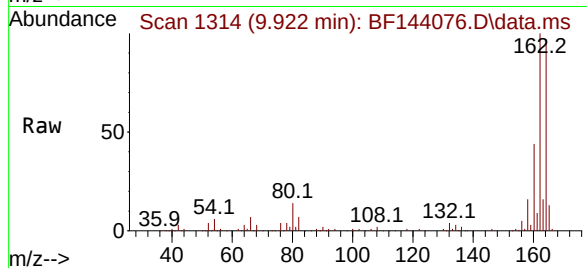
Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS



Tgt Ion:164 Resp: 126938

Ion Ratio Lower Upper

164 100

162 103.5 79.4 119.2

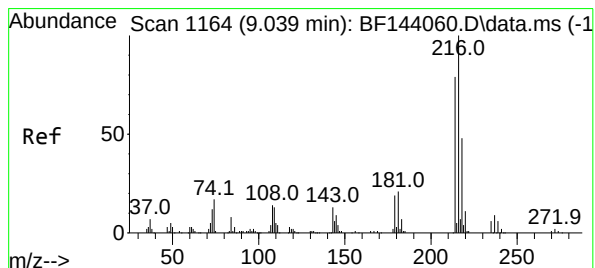
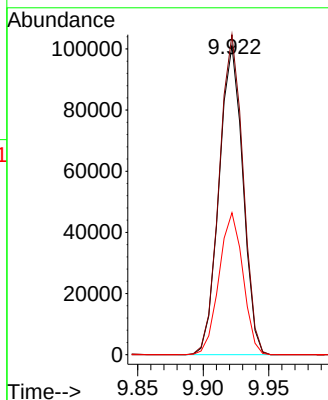
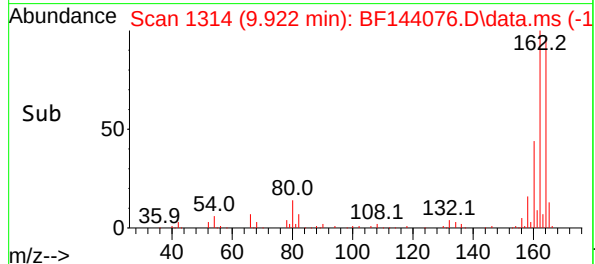
160 45.9 36.7 55.1

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#40

1,2,4,5-Tetrachlorobenzene

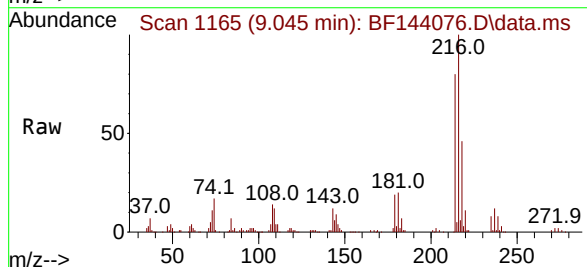
Concen: 44.297 ng

RT: 9.045 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27



Tgt Ion:216 Resp: 193244

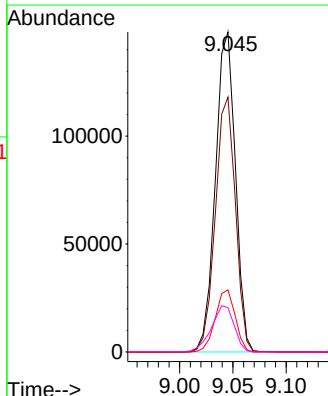
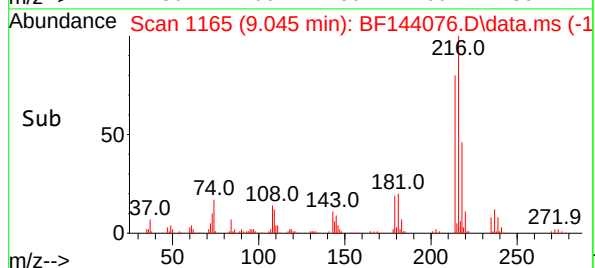
Ion Ratio Lower Upper

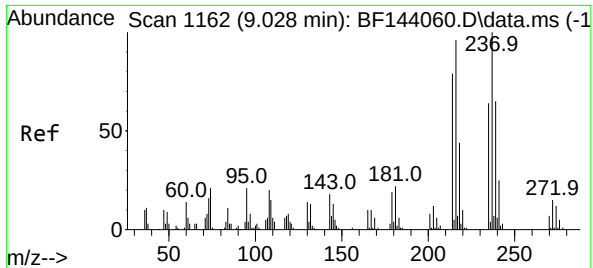
216 100

214 80.0 63.2 94.8

179 19.3 15.2 22.8

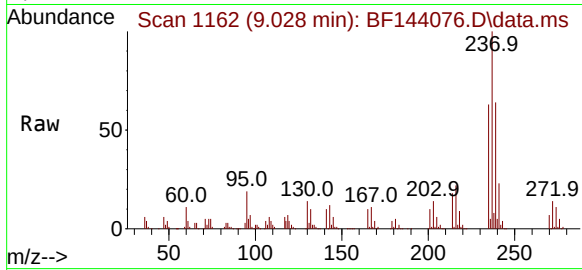
108 16.5 11.9 17.9





#41
Hexachlorocyclopentadiene
Concen: 133.824 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

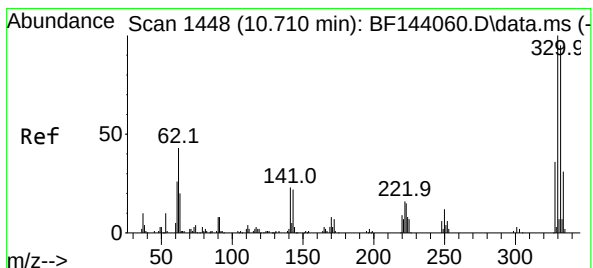
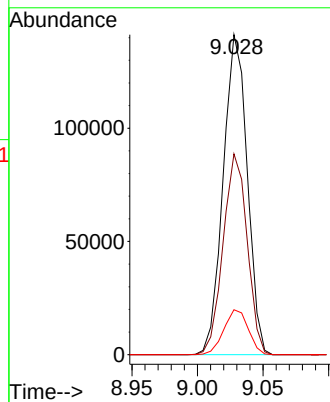
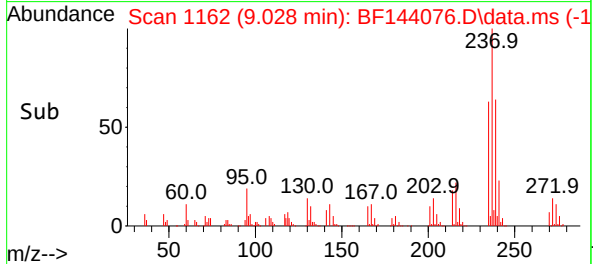
Instrument :
BNA_F
ClientSampleId :
PB170206BS



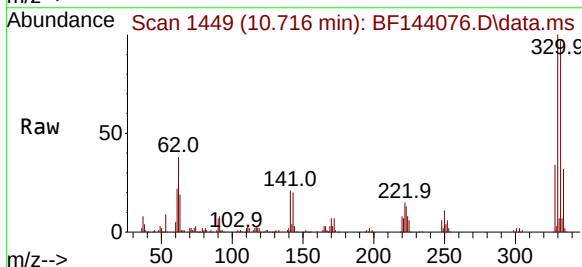
Tgt Ion: 237 Resp: 18031
Ion Ratio Lower Upper
237 100
235 62.7 44.3 84.3
272 14.1 0.0 35.2

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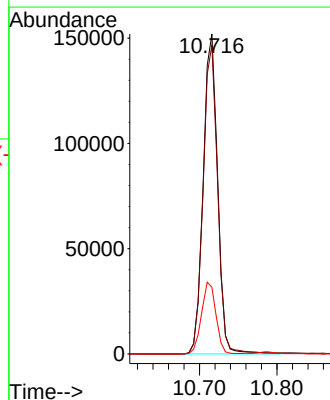
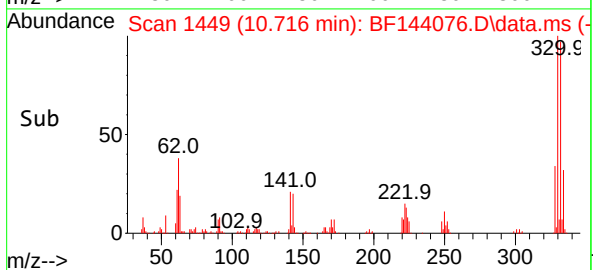
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

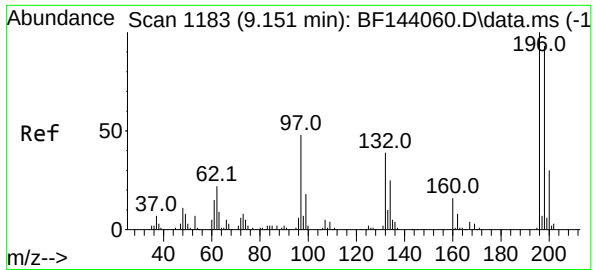


#42
2,4,6-Tribromophenol
Concen: 121.307 ng
RT: 10.716 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



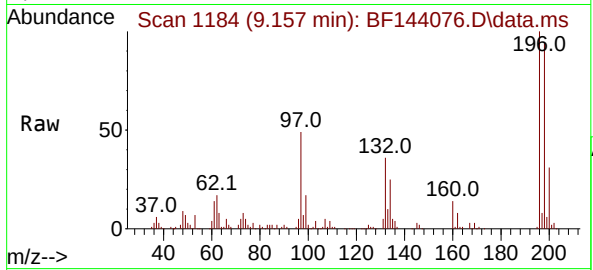
Tgt Ion: 330 Resp: 196142
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 22.5 19.4 29.0





#43
2,4,6-Trichlorophenol
Concen: 42.835 ng
RT: 9.157 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

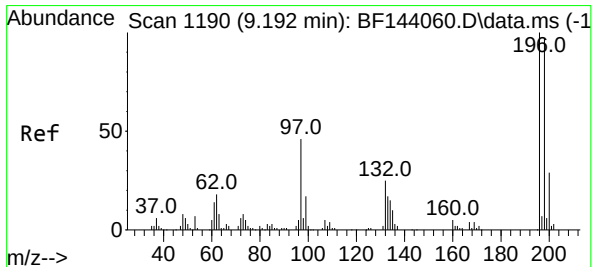
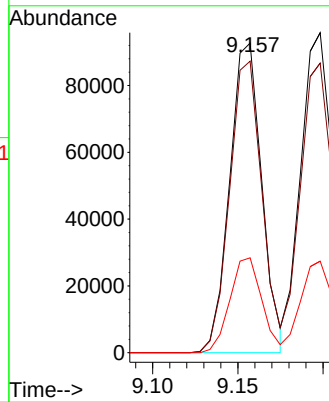
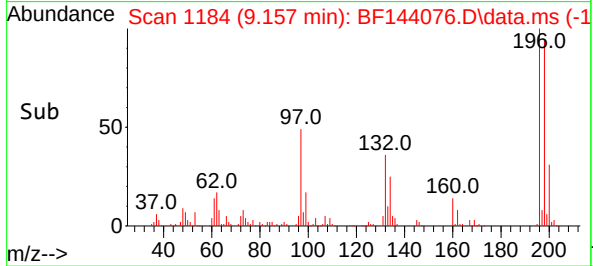
Instrument :
BNA_F
ClientSampleId :
PB170206BS



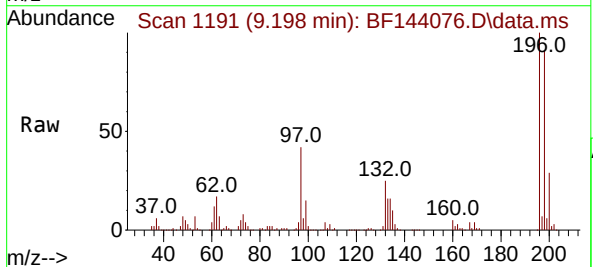
Tgt Ion:196 Resp: 121461
Ion Ratio Lower Upper
196 100
198 94.1 74.4 111.6
200 30.7 23.8 35.8

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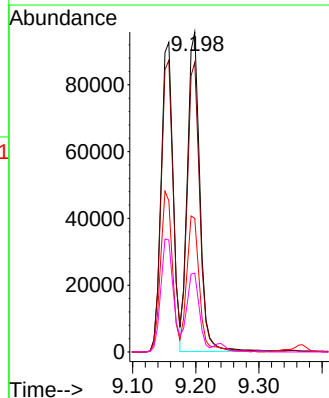
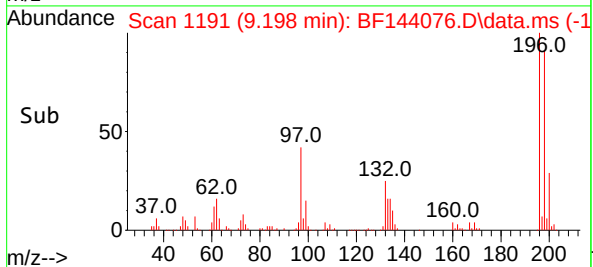
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

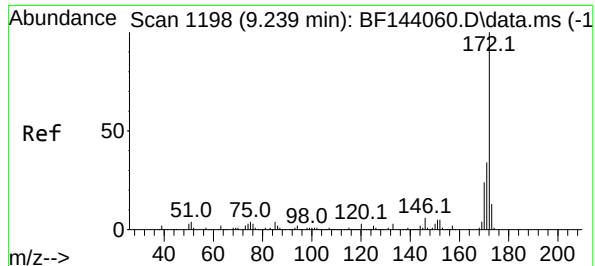


#44
2,4,5-Trichlorophenol
Concen: 44.272 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



Tgt Ion:196 Resp: 131752
Ion Ratio Lower Upper
196 100
198 90.5 78.0 117.0
97 41.8 37.7 56.5
132 24.6 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 77.831 ng

RT: 9.240 min Scan# 1198

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion:172 Resp: 702060

Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

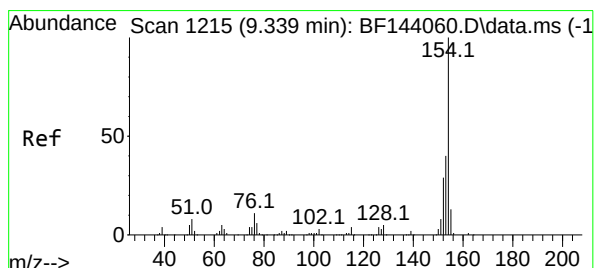
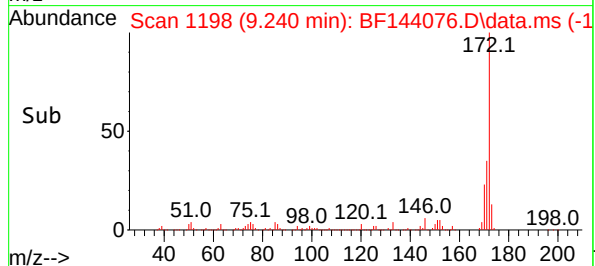
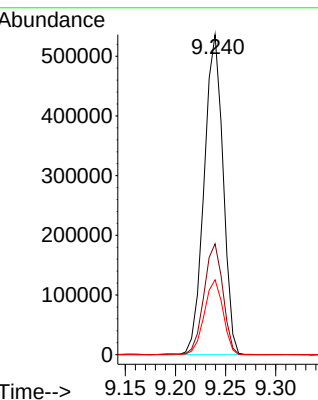
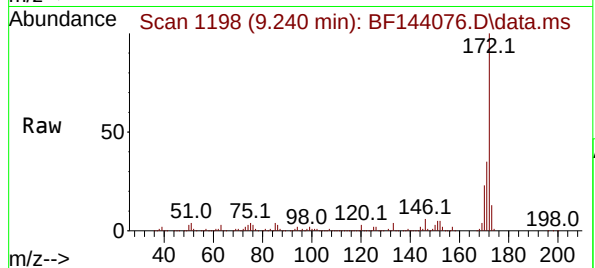
170 23.4 19.0 28.6

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#46

1,1'-Biphenyl

Concen: 45.784 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

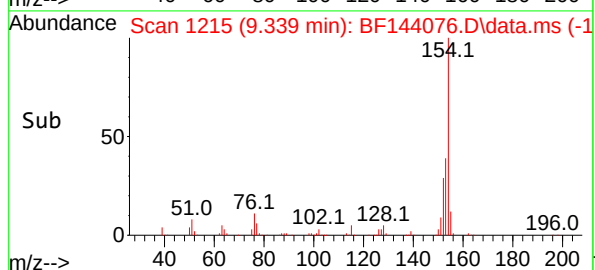
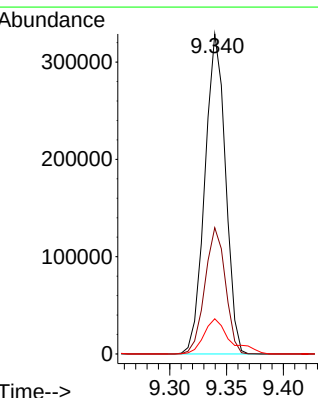
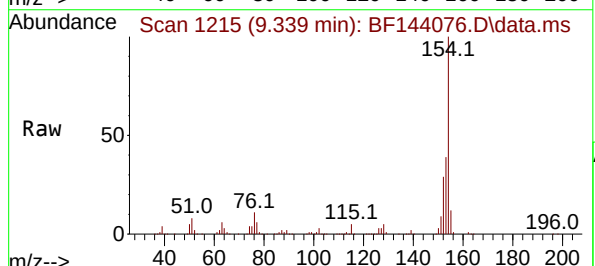
Tgt Ion:154 Resp: 416023

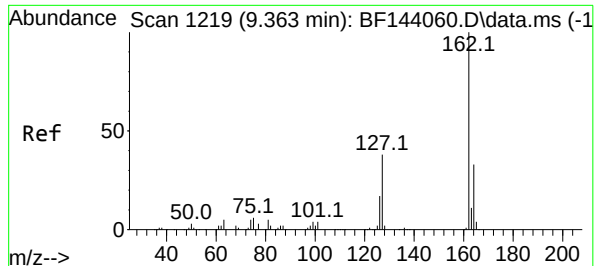
Ion Ratio Lower Upper

154 100

153 39.4 19.7 59.7

76 11.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.749 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion:162 Resp: 317814

Ion Ratio Lower Upper

162 100

127 36.7 31.6 47.4

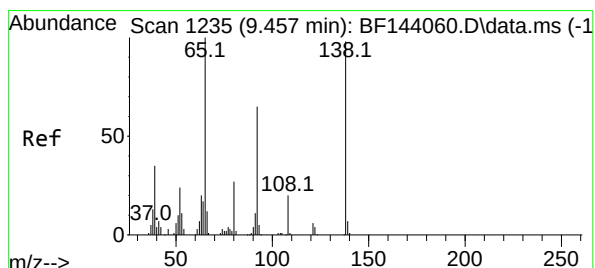
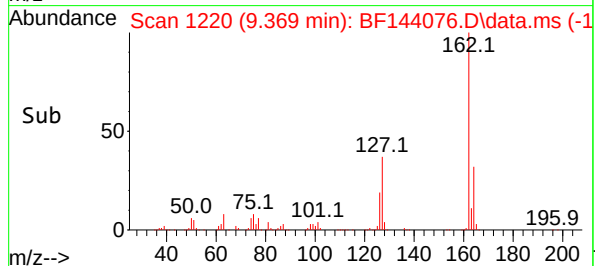
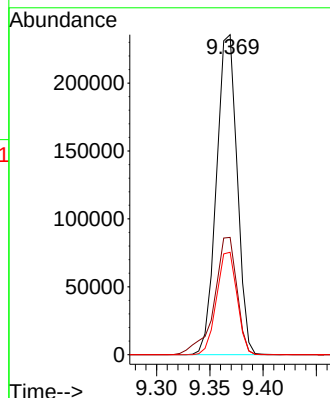
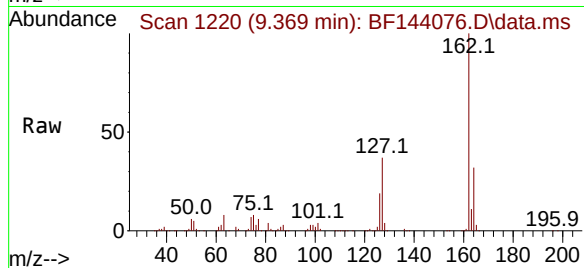
164 32.0 26.5 39.7

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#48

2-Nitroaniline

Concen: 44.613 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

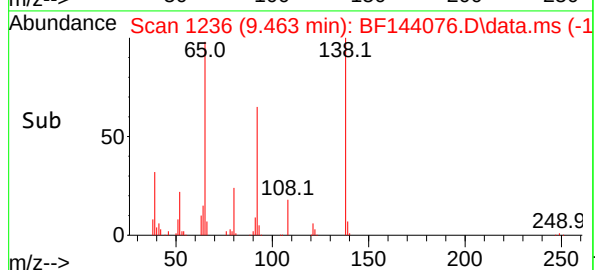
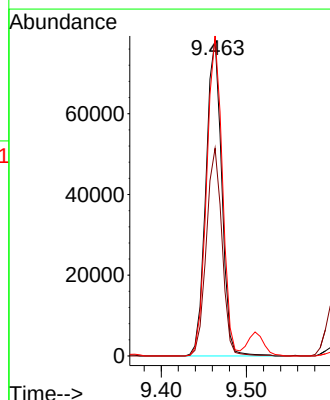
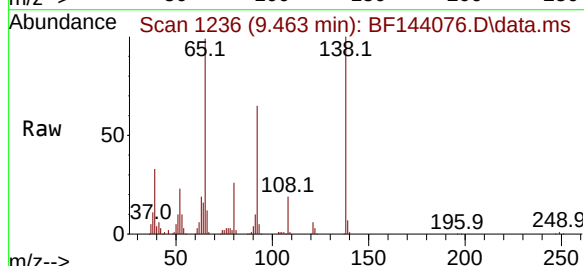
Tgt Ion: 65 Resp: 100849

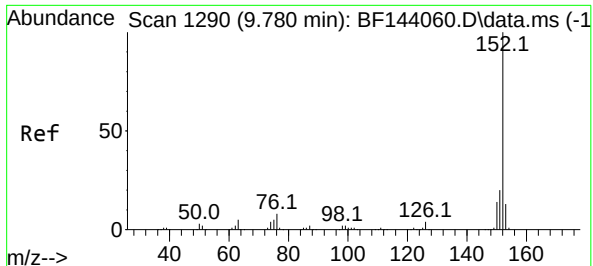
Ion Ratio Lower Upper

65 100

92 65.5 52.3 78.5

138 101.0 78.3 117.5





#49

Acenaphthylene

Concen: 47.567 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144076.D

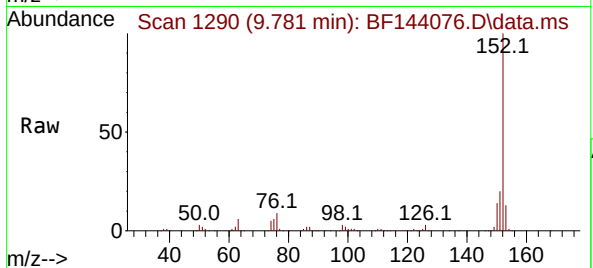
Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS



Tgt Ion:152 Resp: 488250

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

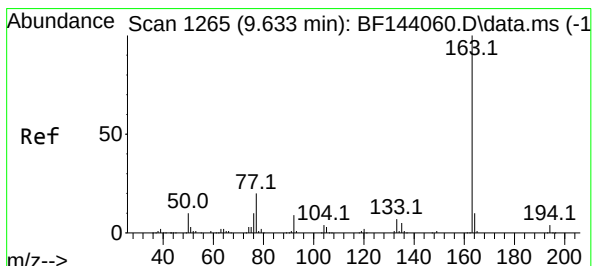
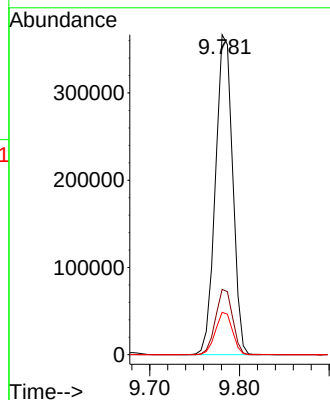
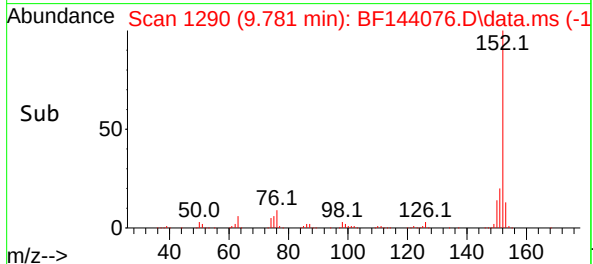
153 13.3 10.4 15.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 10/28/2025



#50

Dimethylphthalate

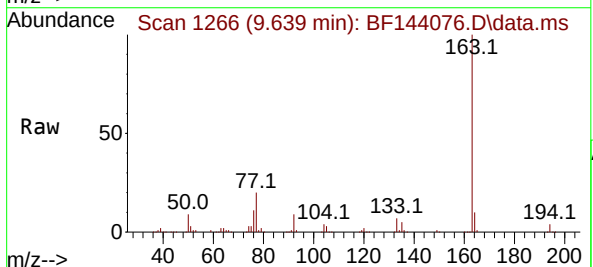
Concen: 43.887 ng

RT: 9.639 min Scan# 1266

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27



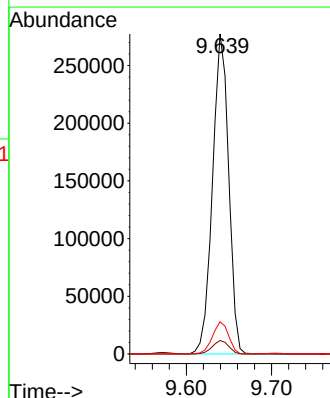
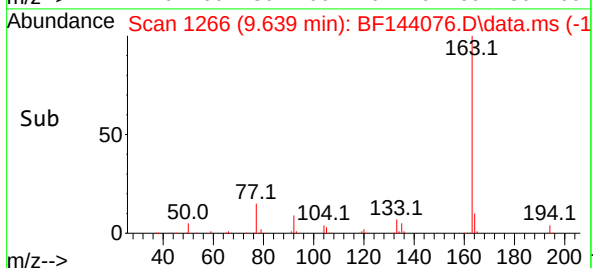
Tgt Ion:163 Resp: 365152

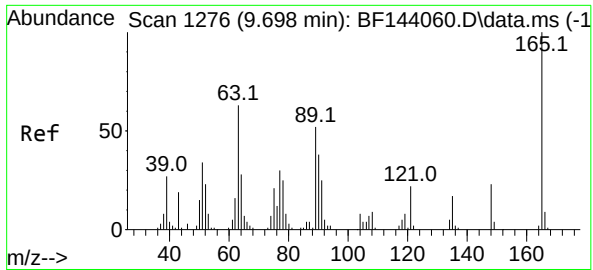
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

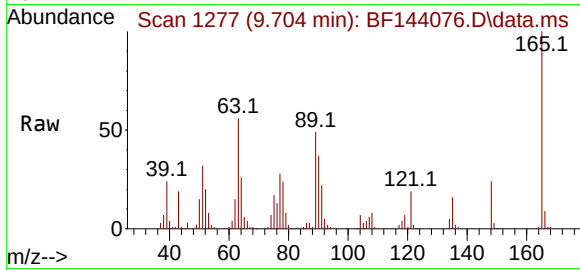
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 46.689 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

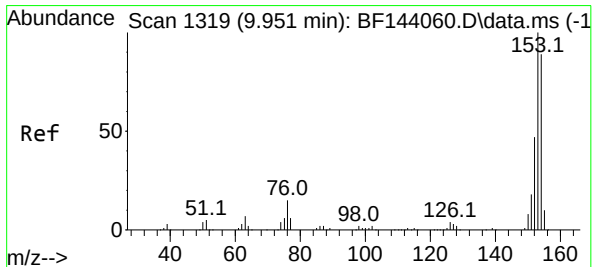
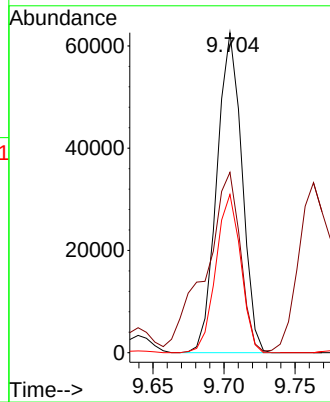
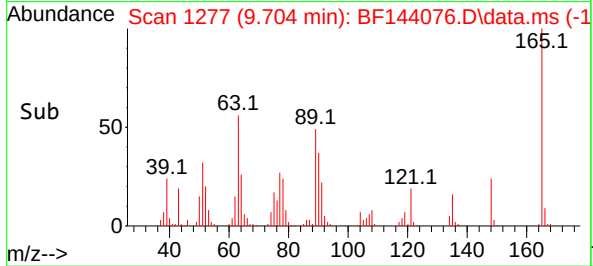
Instrument :
BNA_F
ClientSampleId :
PB170206BS



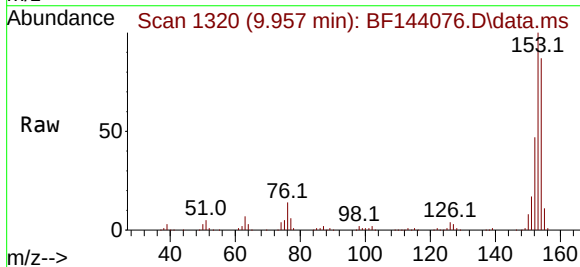
Tgt Ion:165 Resp: 7679
Ion Ratio Lower Upper
165 100
63 56.3 50.4 75.6
89 49.5 41.4 62.2

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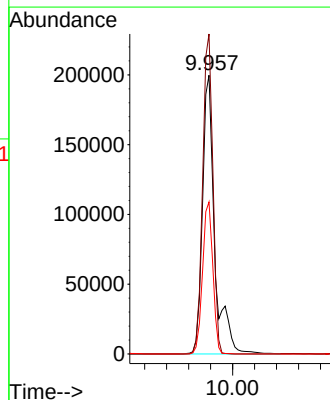
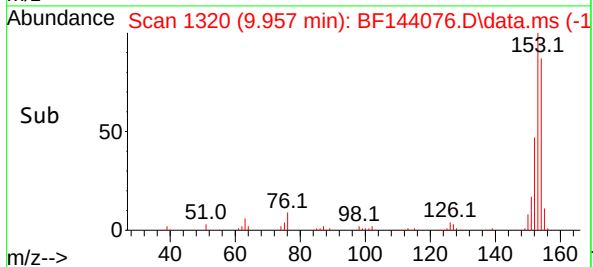
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

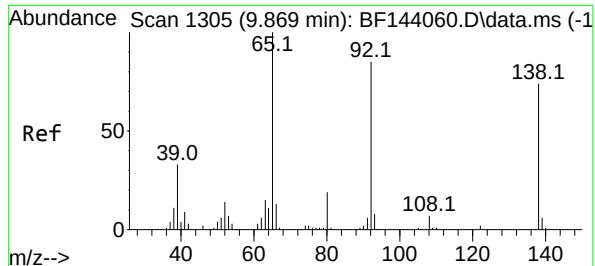


#52
Acenaphthene
Concen: 45.192 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



Tgt Ion:154 Resp: 309791
Ion Ratio Lower Upper
154 100
153 114.8 89.9 134.9
152 54.5 42.0 63.0





#53

3-Nitroaniline

Concen: 29.317 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion:138 Resp: 53614

Ion Ratio Lower Upper

138 100

108 10.5 7.9 11.9

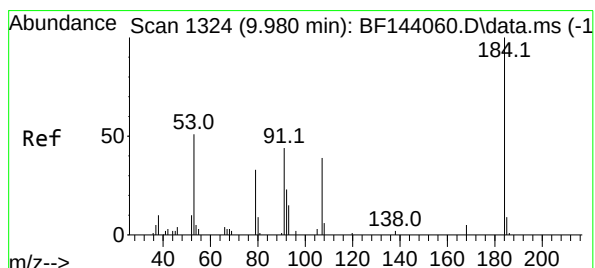
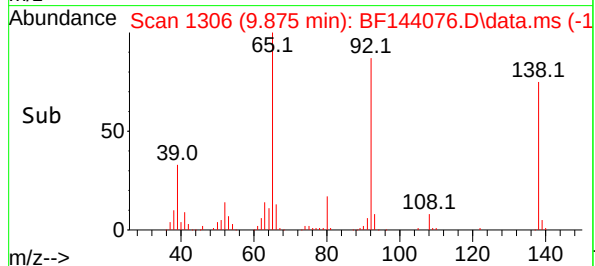
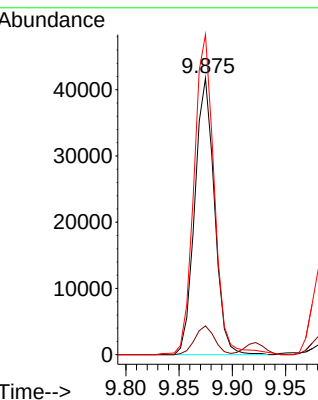
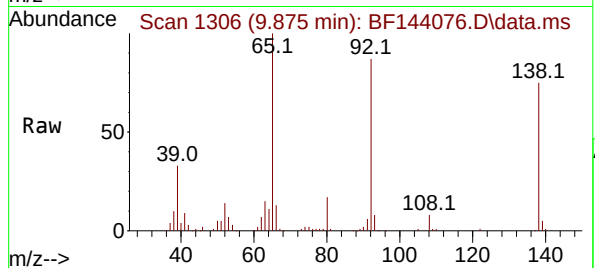
92 115.8 92.0 138.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#54

2,4-Dinitrophenol

Concen: 95.333 ng

RT: 9.987 min Scan# 1325

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

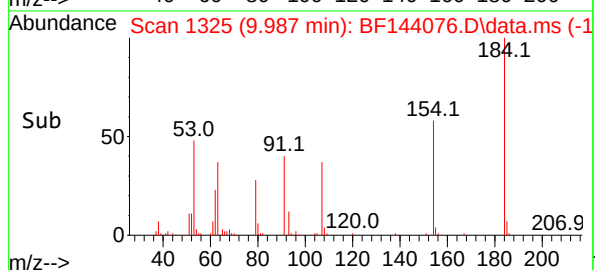
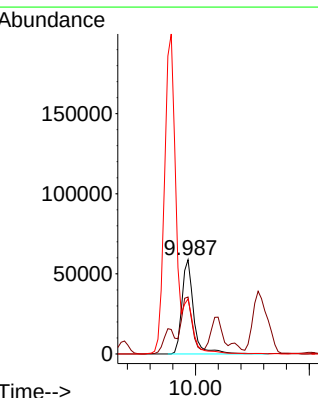
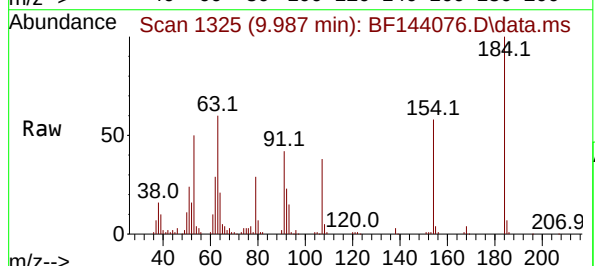
Tgt Ion:184 Resp: 84812

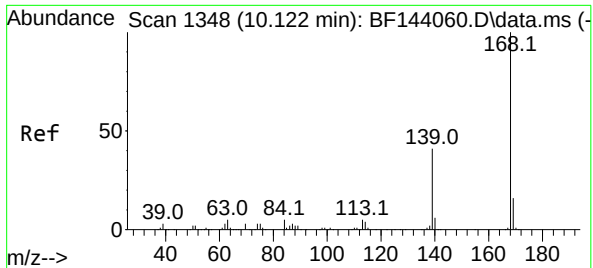
Ion Ratio Lower Upper

184 100

63 60.5 52.1 78.1

154 58.4 47.9 71.9





#55

Dibenzenofuran

Concen: 42.917 ng

RT: 10.128 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion:168 Resp: 408424

Ion Ratio Lower Upper

168 100

139 39.6 33.2 49.8

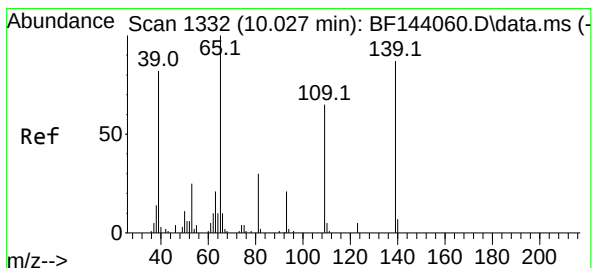
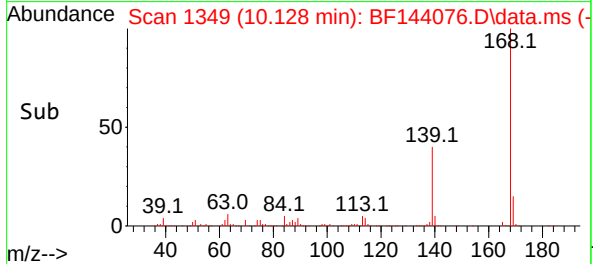
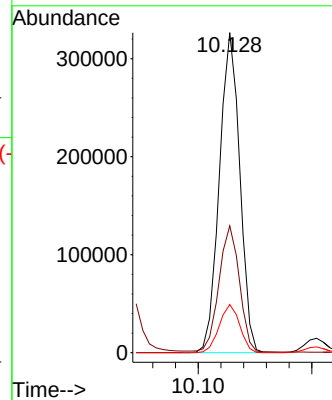
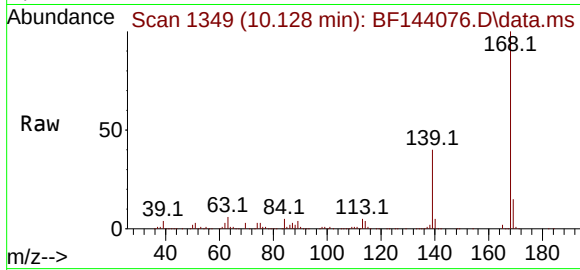
169 15.0 12.6 19.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#56

4-Nitrophenol

Concen: 83.365 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.012 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

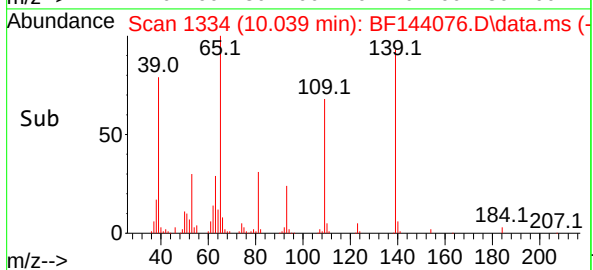
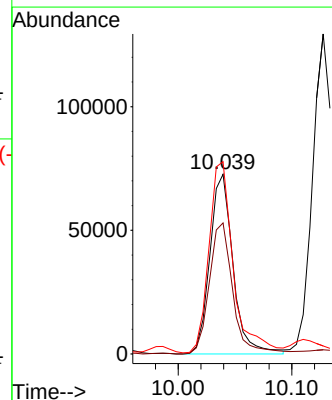
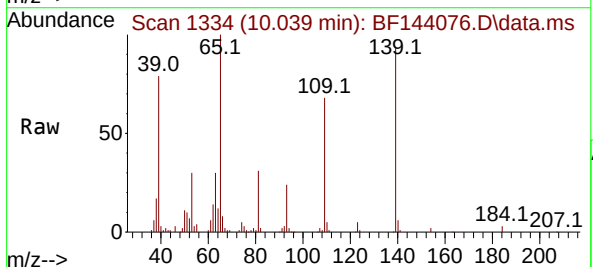
Tgt Ion:139 Resp: 103237

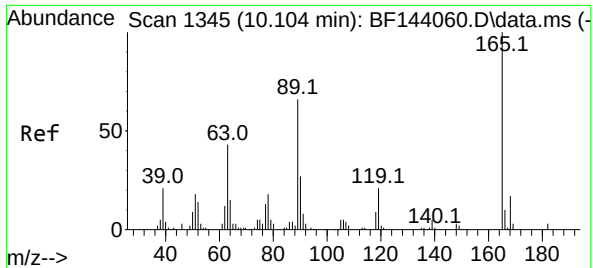
Ion Ratio Lower Upper

139 100

109 72.9 53.8 93.8

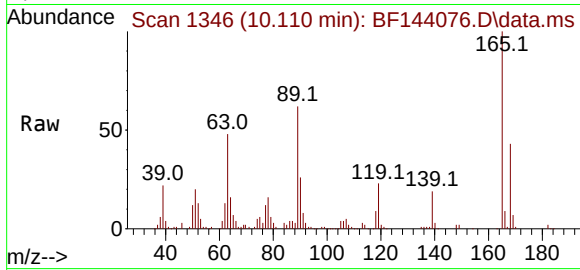
65 107.0 95.9 135.9





#57
2,4-Dinitrotoluene
Concen: 46.338 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

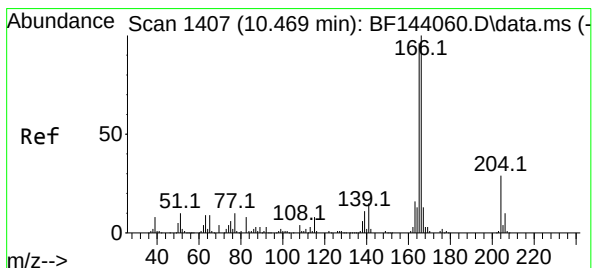
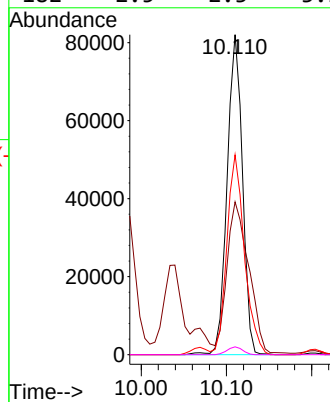
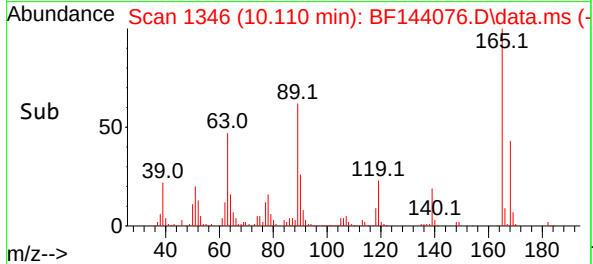
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:165 Resp: 102869
Ion Ratio Lower Upper
165 100
63 47.8 35.4 53.2
89 62.4 52.7 79.1
182 2.5 2.3 3.5

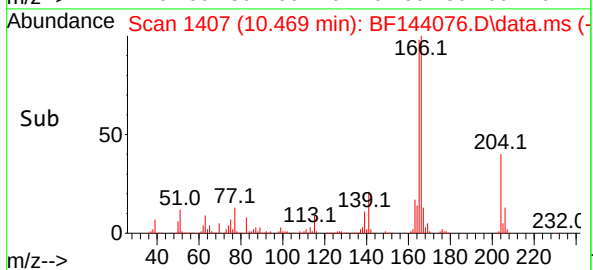
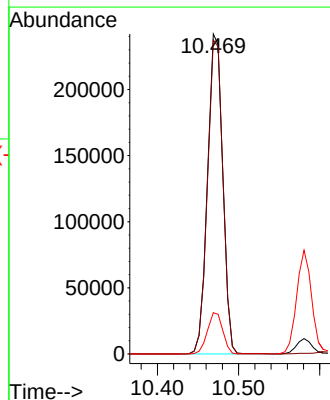
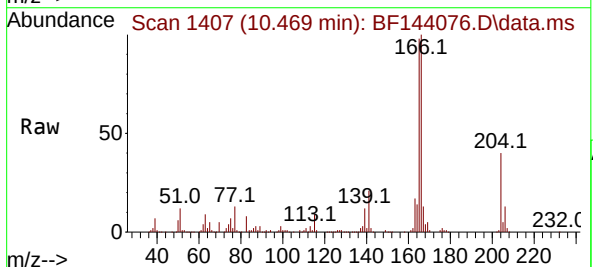
Manual Integrations
APPROVED

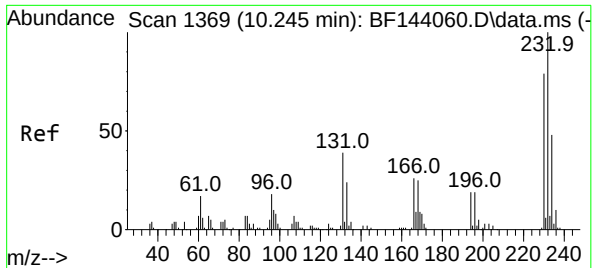
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#58
Fluorene
Concen: 43.341 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

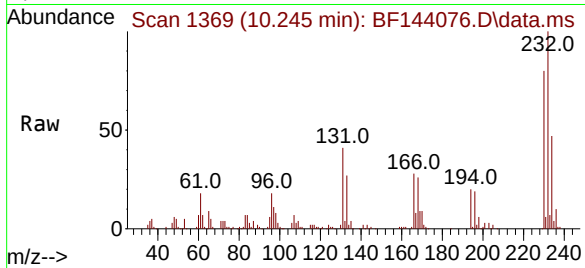
Tgt Ion:166 Resp: 314278
Ion Ratio Lower Upper
166 100
165 98.1 77.0 115.4
167 12.9 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.238 ng m
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

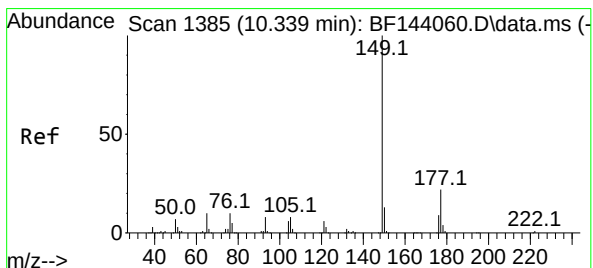
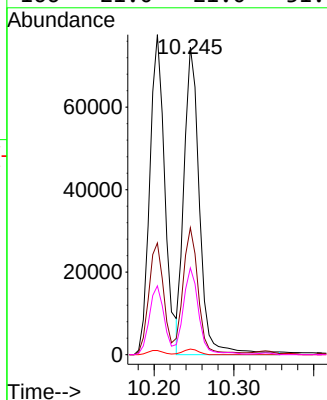
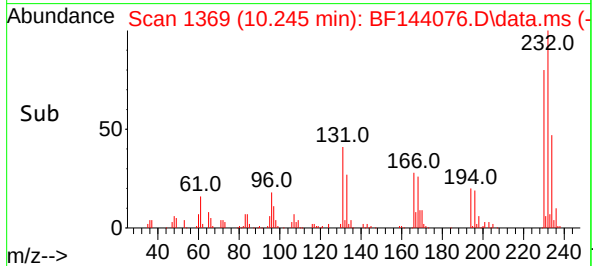
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:232 Resp: 101160
Ion Ratio Lower Upper
232 100
131 34.4 31.9 47.9
130 1.4 1.1 1.7
166 21.0 21.0 31.4

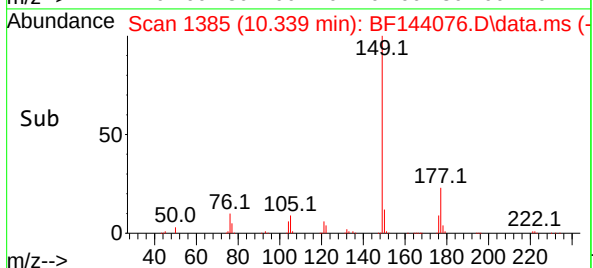
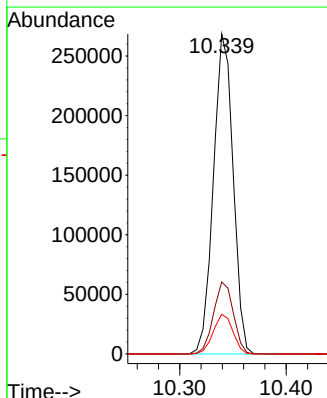
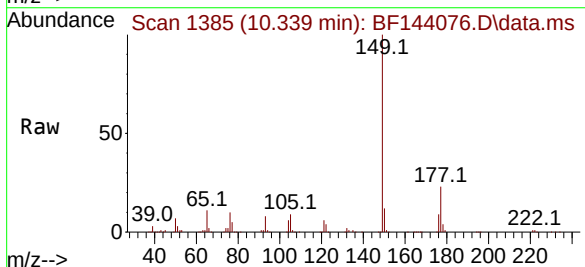
Manual Integrations
APPROVED

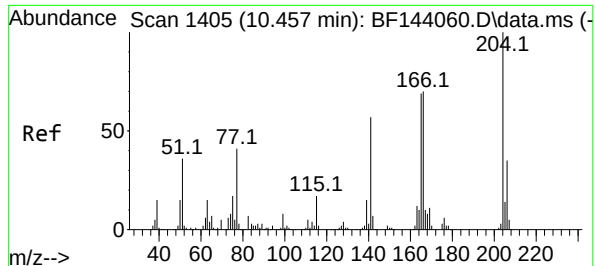
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#60
Diethylphthalate
Concen: 44.027 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

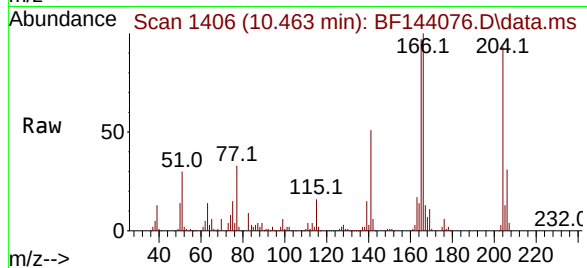
Tgt Ion:149 Resp: 344494
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.6
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.398 ng
RT: 10.463 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

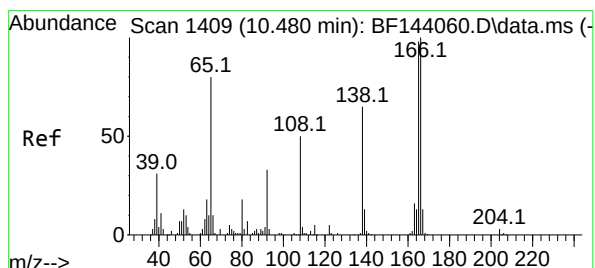
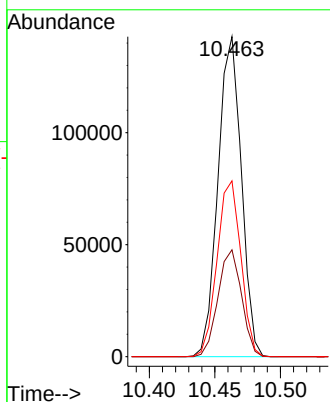
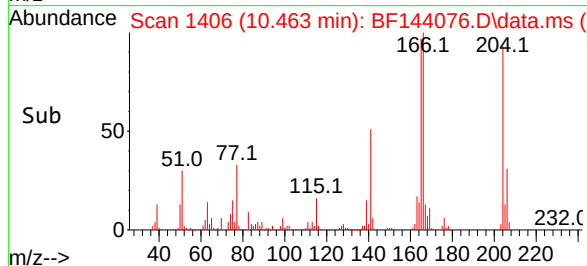
Instrument :
BNA_F
ClientSampleId :
PB170206BS



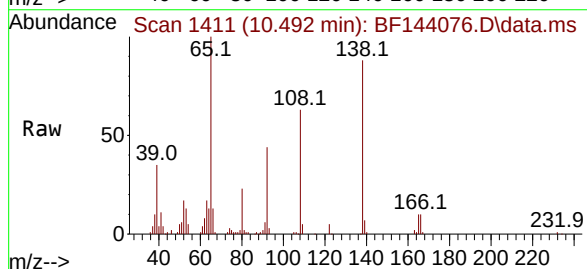
Tgt Ion:204 Resp: 176970
Ion Ratio Lower Upper
204 100
206 33.4 27.8 41.6
141 55.0 45.4 68.2

Manual Integrations
APPROVED

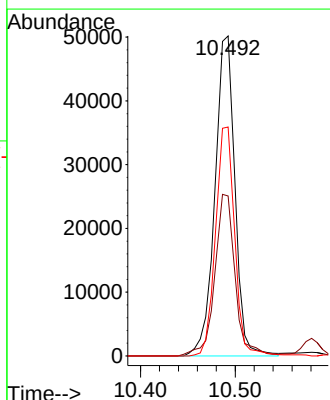
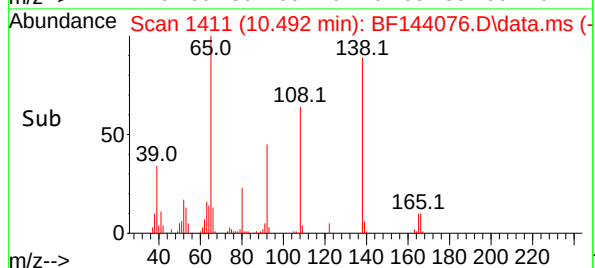
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

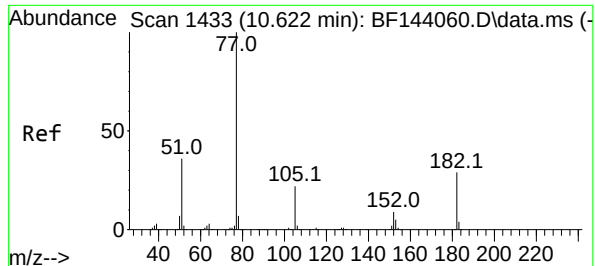


#62
4-Nitroaniline
Concen: 42.632 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.012 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



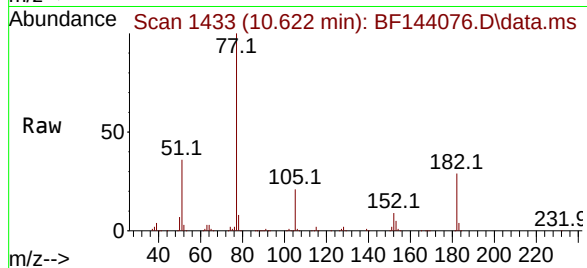
Tgt Ion:138 Resp: 73871
Ion Ratio Lower Upper
138 100
92 50.0 30.5 70.5
108 71.5 56.2 96.2





#63
Azobenzene
Concen: 43.049 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

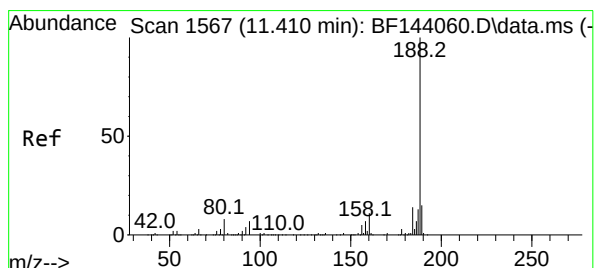
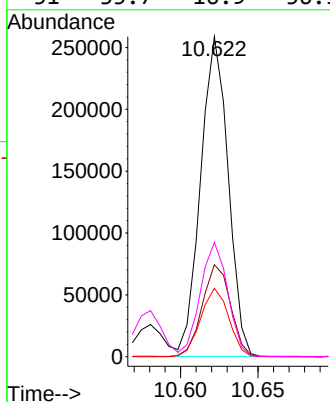
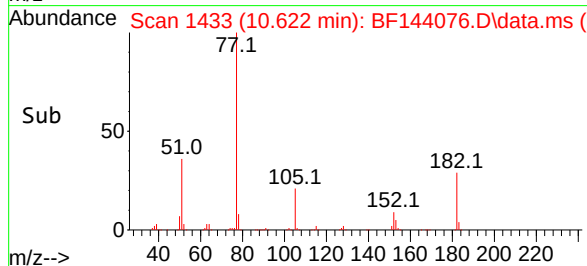
Instrument :
BNA_F
ClientSampleId :
PB170206BS



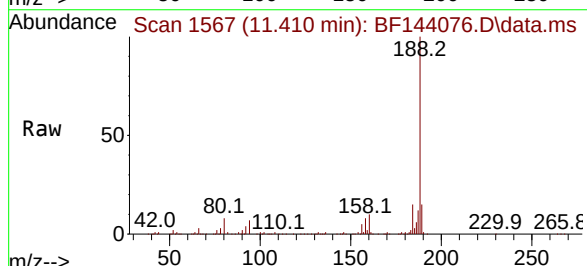
Tgt Ion: 77 Resp: 31881
Ion Ratio Lower Upper
77 100
182 28.7 9.0 49.0
105 21.3 1.4 41.4
51 35.7 16.9 56.9

Manual Integrations
APPROVED

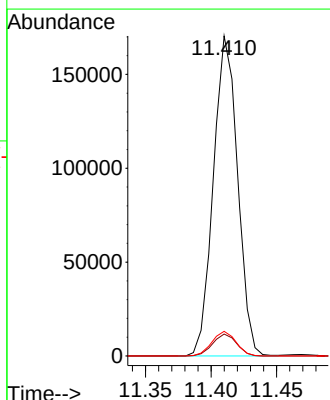
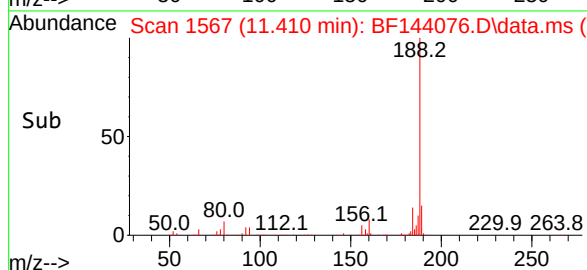
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

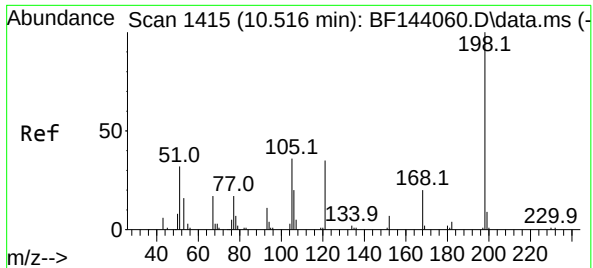


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



Tgt Ion:188 Resp: 219220
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.0
80 7.7 6.0 9.0





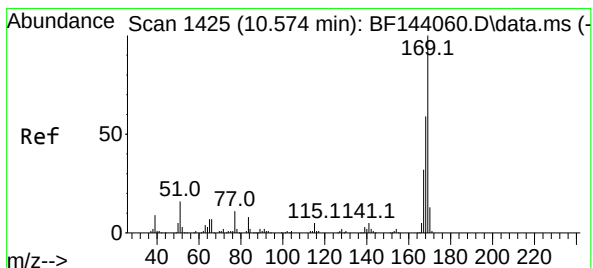
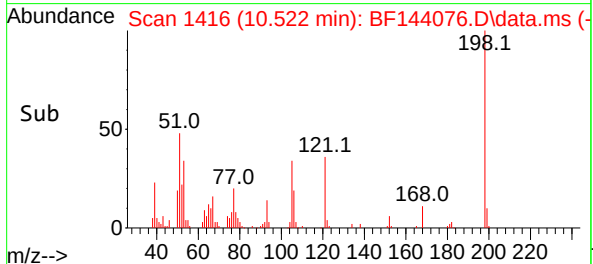
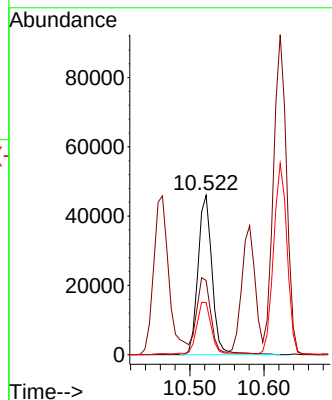
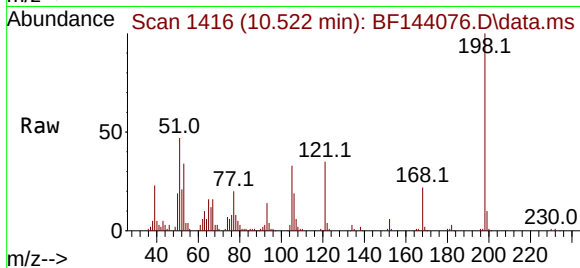
#65
4,6-Dinitro-2-methylphenol
Concen: 43.080 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:198 Resp: 6059
Ion Ratio Lower Upper
198 100
51 46.6 25.8 65.8
105 32.8 17.2 57.2

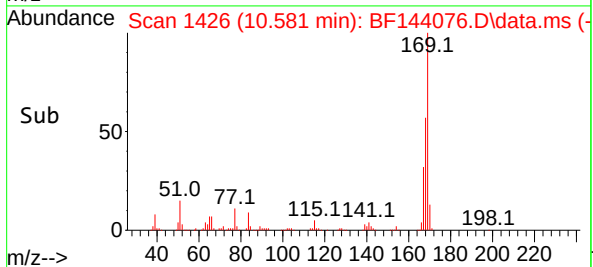
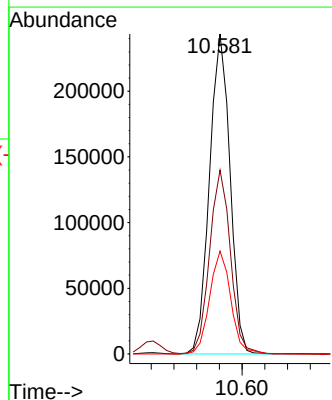
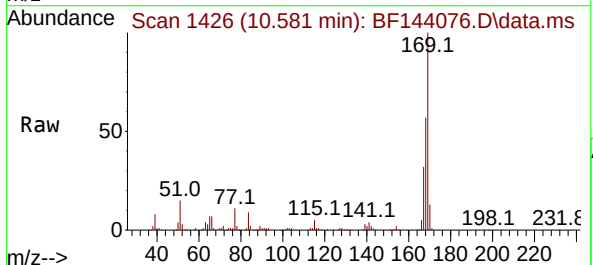
Manual Integrations
APPROVED

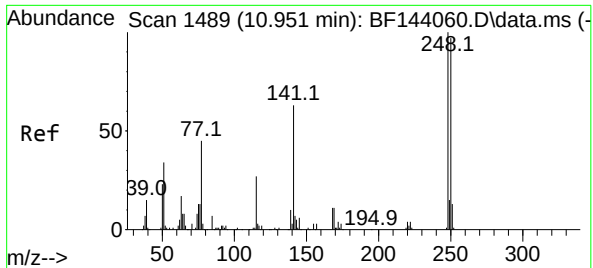
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#66
n-Nitrosodiphenylamine
Concen: 43.700 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

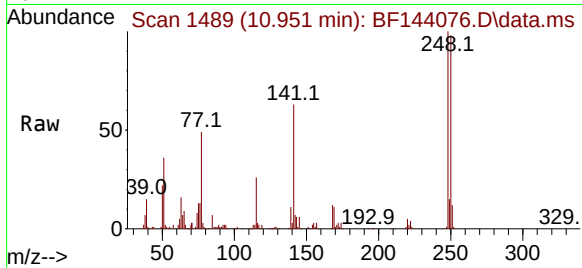
Tgt Ion:169 Resp: 306085
Ion Ratio Lower Upper
169 100
168 57.5 47.4 71.2
167 32.2 25.5 38.3





#67
4-Bromophenyl-phenylether
Concen: 43.120 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

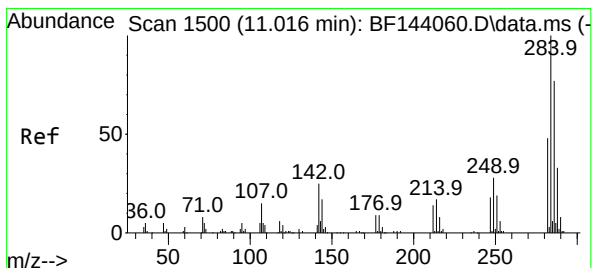
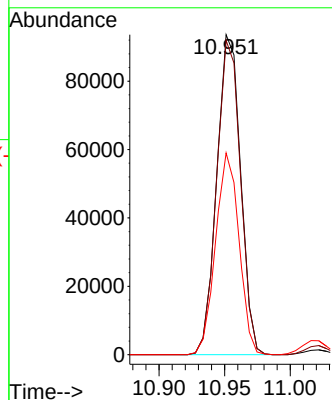
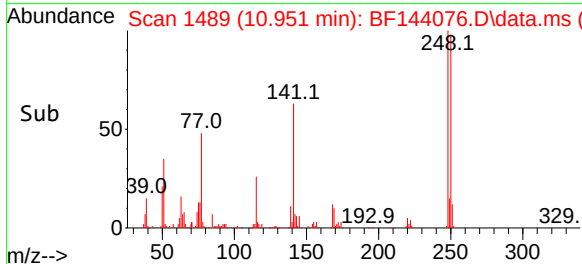
Instrument :
BNA_F
ClientSampleId :
PB170206BS



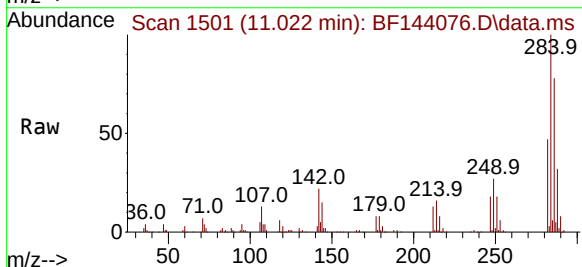
Tgt Ion:248 Resp: 11835
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.6
141 63.1 50.5 75.7

Manual Integrations
APPROVED

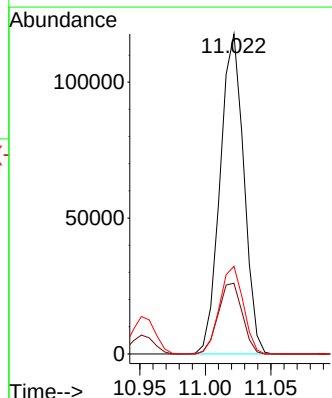
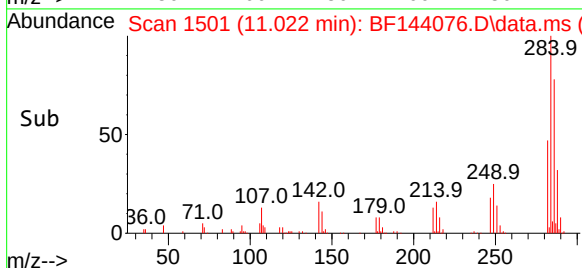
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

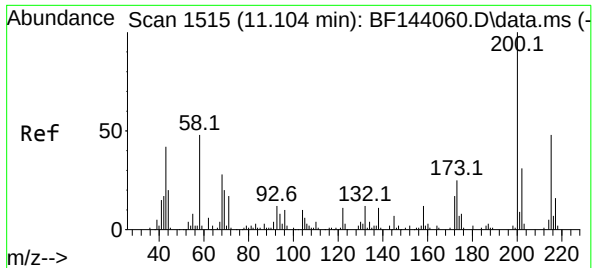


#68
Hexachlorobenzene
Concen: 43.904 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



Tgt Ion:284 Resp: 147792
Ion Ratio Lower Upper
284 100
142 22.1 20.0 30.0
249 27.4 22.2 33.2





#69

Atrazine

Concen: 42.776 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS

Tgt Ion:200 Resp: 9831

Ion Ratio Lower Upper

200 100

173 25.6 4.9 44.9

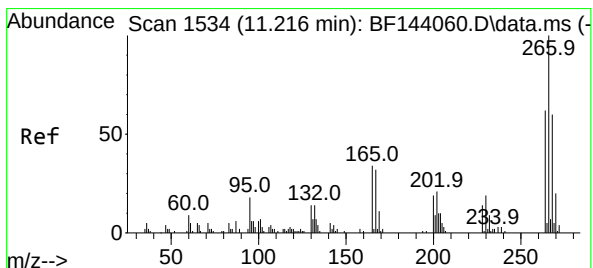
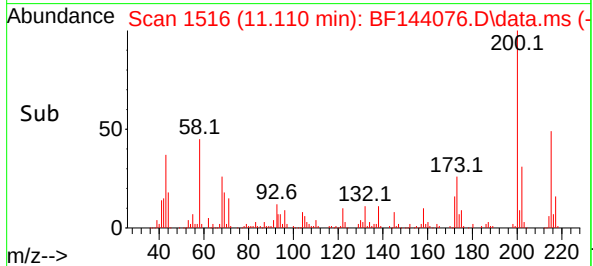
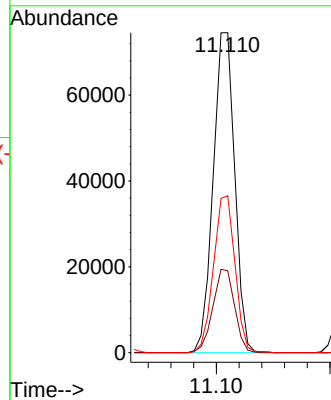
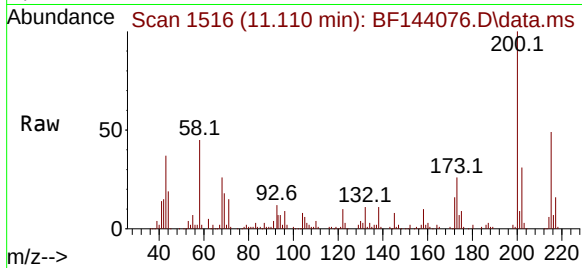
215 49.0 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#70

Pentachlorophenol

Concen: 89.799 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

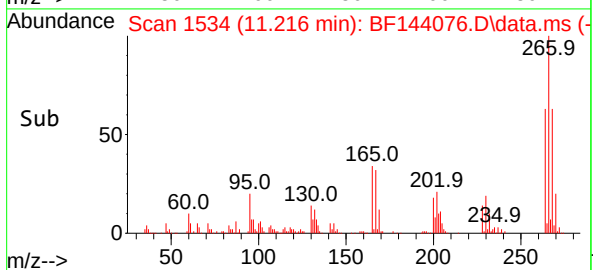
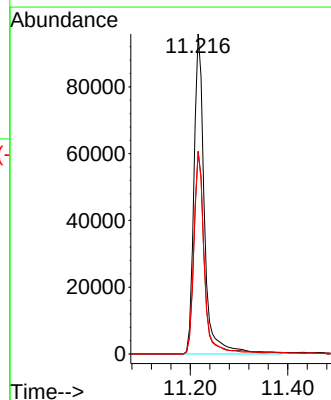
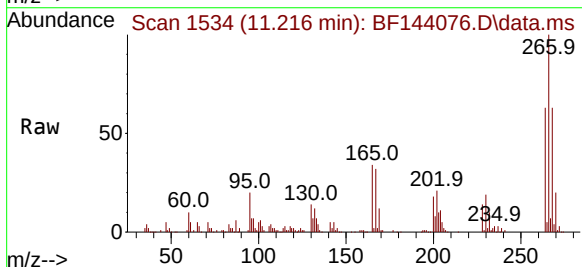
Tgt Ion:266 Resp: 143887

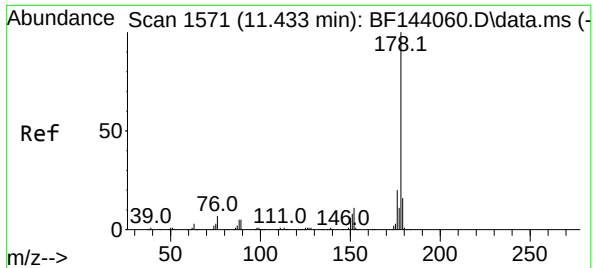
Ion Ratio Lower Upper

266 100

268 63.3 48.2 72.4

264 63.3 49.4 74.0





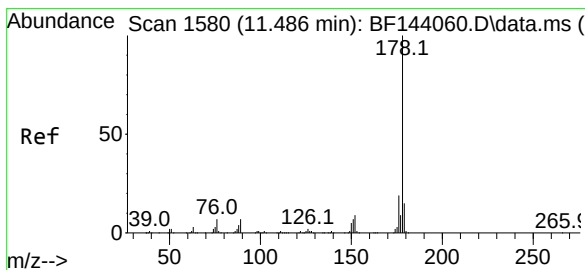
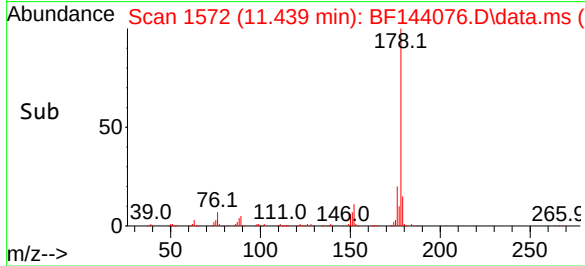
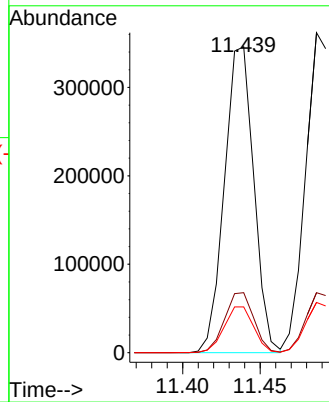
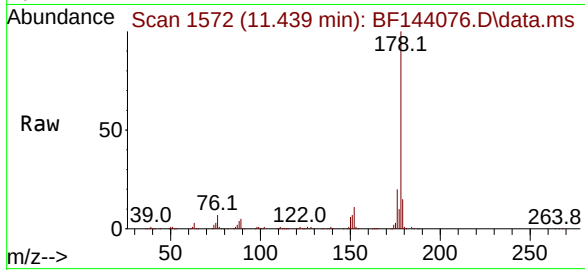
#71
Phenanthrene
Concen: 41.974 ng
RT: 11.439 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB170206BS

Tgt Ion:178 Resp: 457094
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 15.0 12.6 18.8

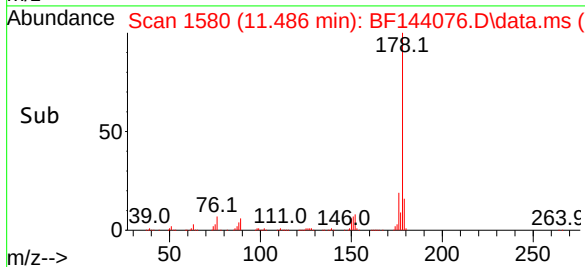
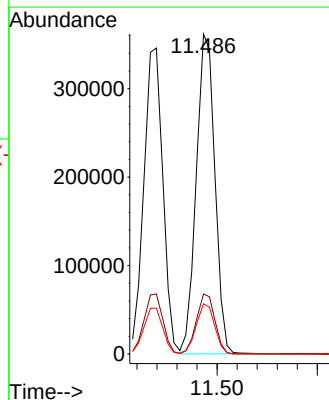
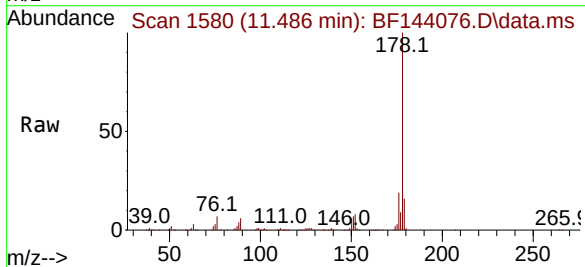
Manual Integrations
APPROVED

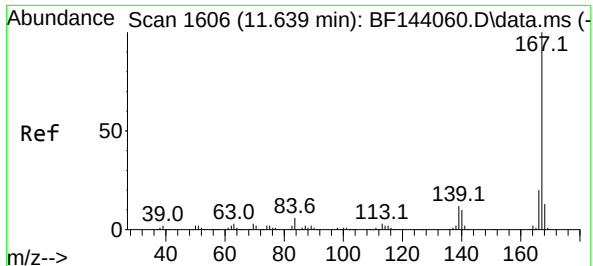
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#72
Anthracene
Concen: 41.592 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

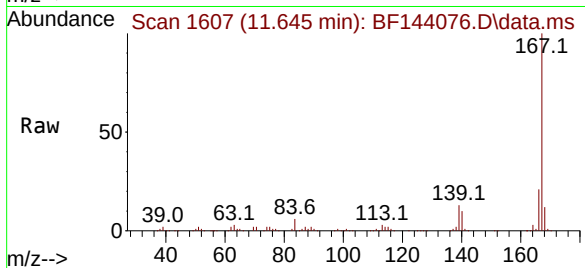
Tgt Ion:178 Resp: 467889
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.7 11.8 17.6





#73
Carbazole
Concen: 40.617 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

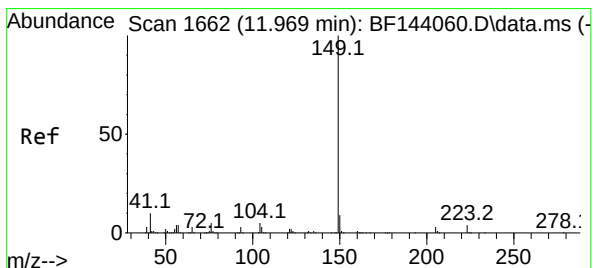
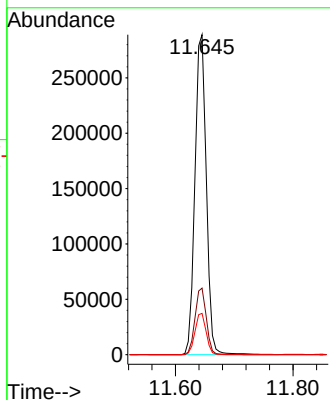
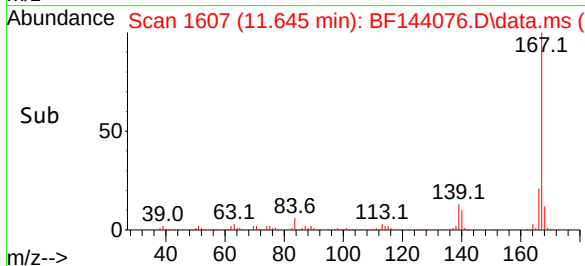
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:167 Resp: 388915
Ion Ratio Lower Upper
167 100
166 20.8 16.1 24.1
139 12.9 9.8 14.6

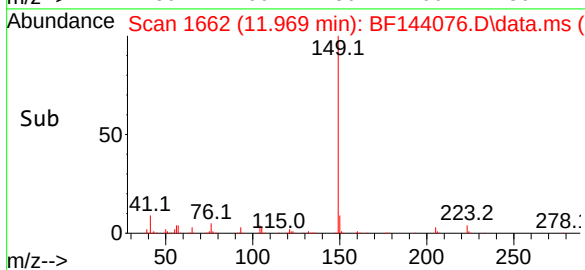
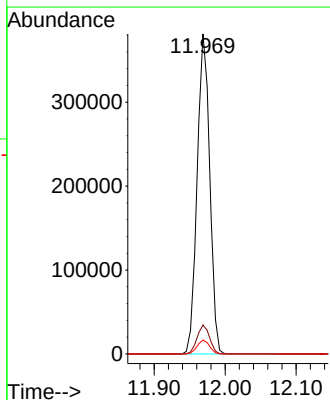
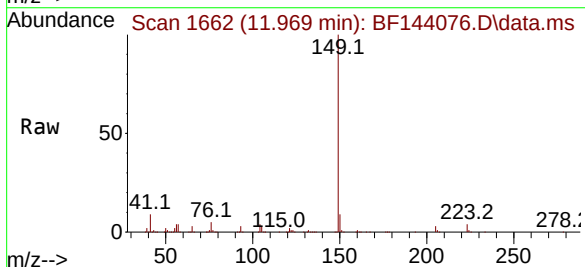
Manual Integrations
APPROVED

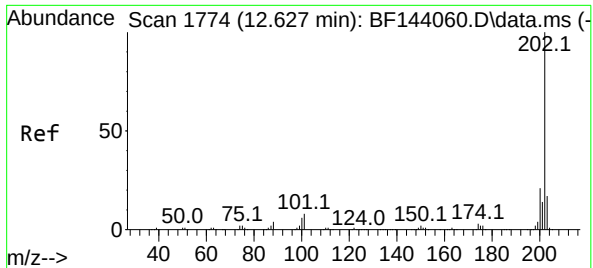
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#74
Di-n-butylphthalate
Concen: 40.095 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

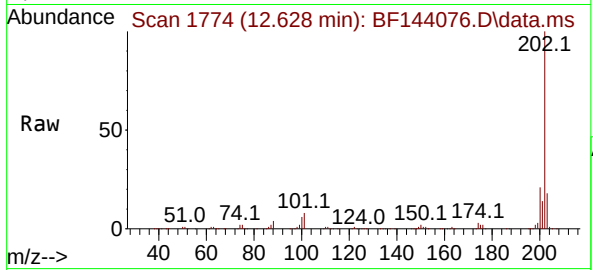
Tgt Ion:149 Resp: 470696
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 37.294 ng
RT: 12.628 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

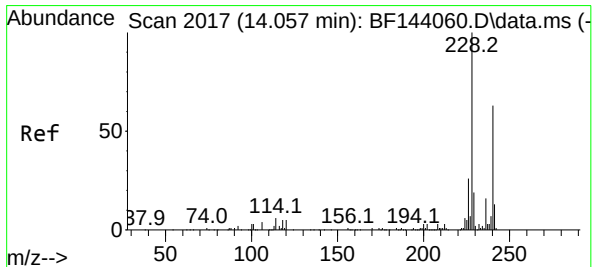
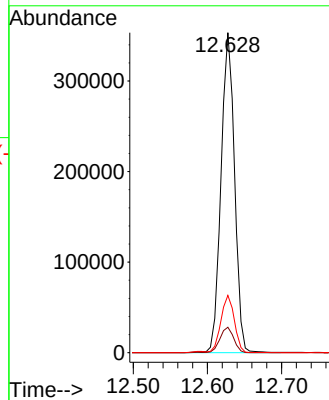
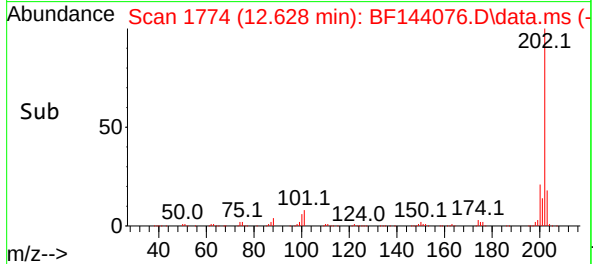
Instrument :
BNA_F
ClientSampleId :
PB170206BS



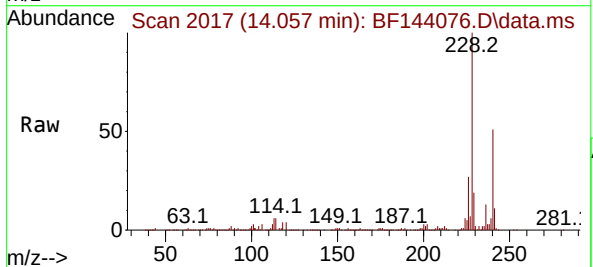
Tgt Ion:202 Resp: 448694
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.7
203 17.9 0.0 37.3

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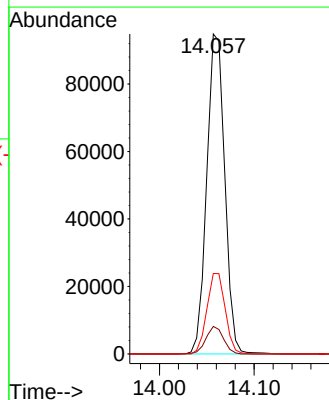
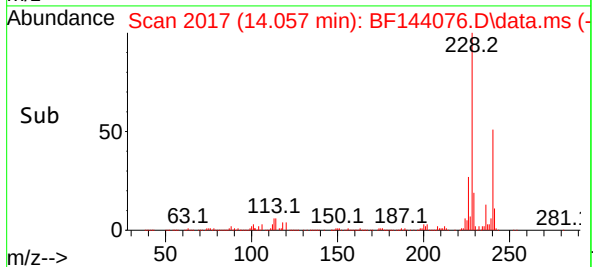
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

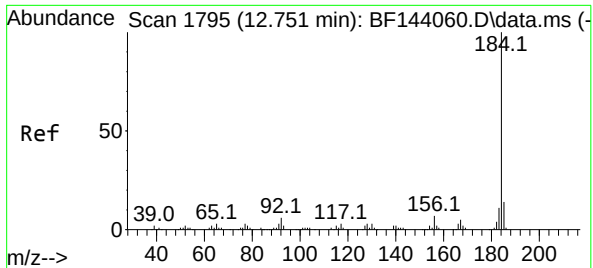


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



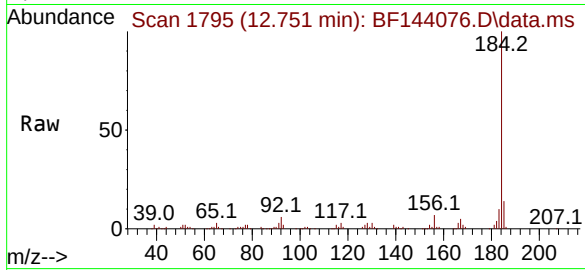
Tgt Ion:240 Resp: 125508
Ion Ratio Lower Upper
240 100
120 8.6 6.5 9.7
236 25.2 20.1 30.1





#77
Benzidine
Concen: 32.007 ng
RT: 12.751 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

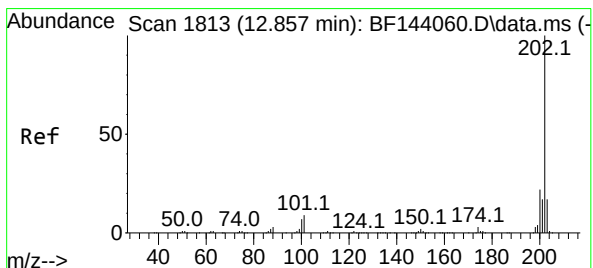
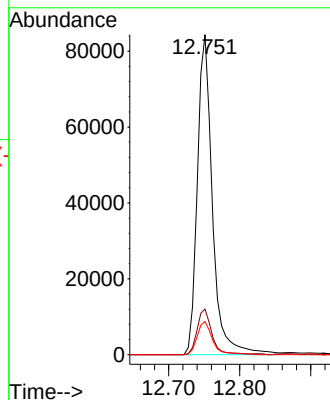
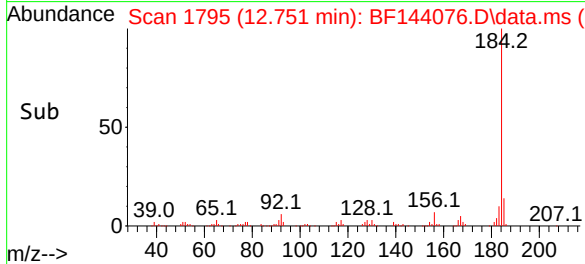
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:184 Resp: 12502
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.3 8.5 12.7

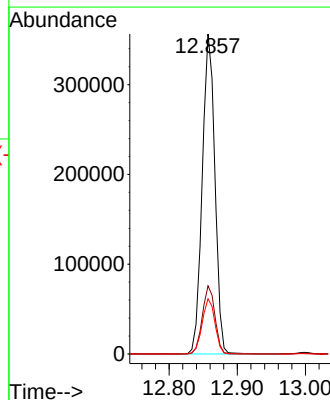
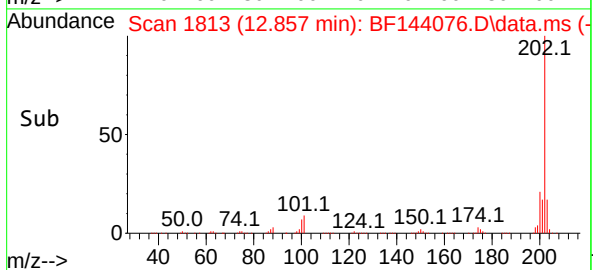
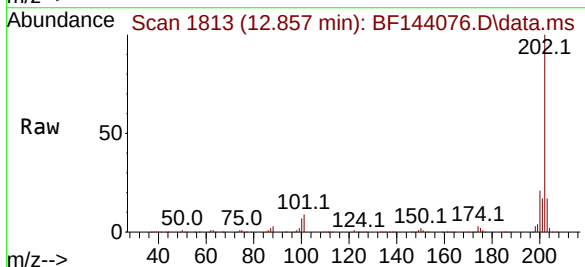
Manual Integrations
APPROVED

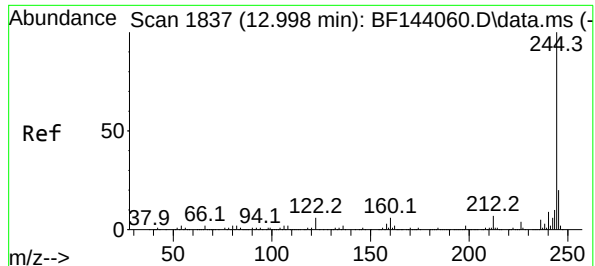
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#78
Pyrene
Concen: 50.955 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:202 Resp: 459771
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.3 13.5 20.3





#79

Terphenyl-d14

Concen: 95.737 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144076.D

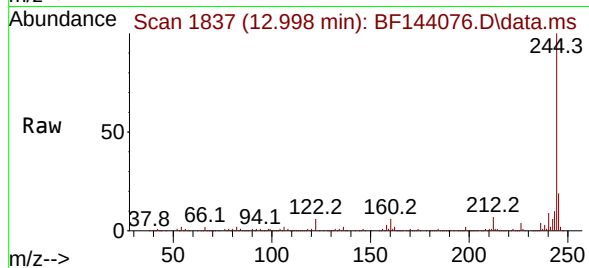
Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS



Tgt Ion:244 Resp: 68731

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

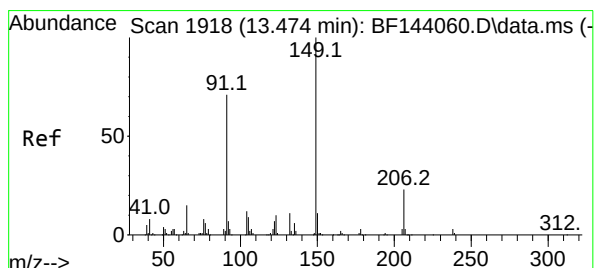
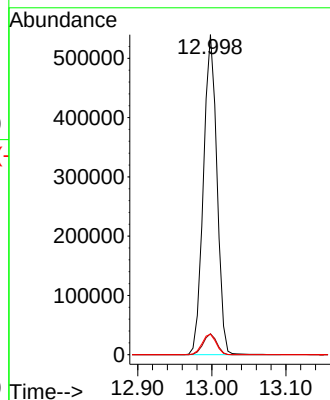
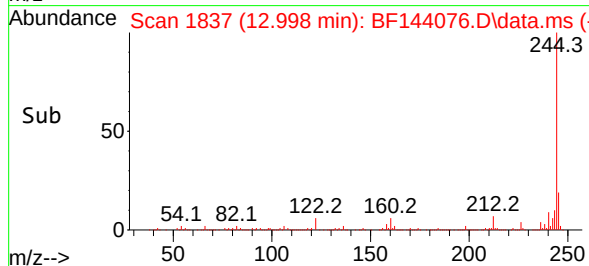
122 6.4 4.9 7.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#80

Butylbenzylphthalate

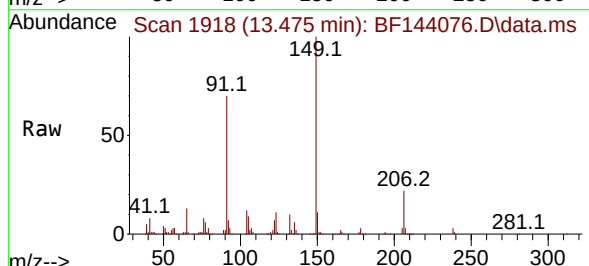
Concen: 45.384 ng

RT: 13.475 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27



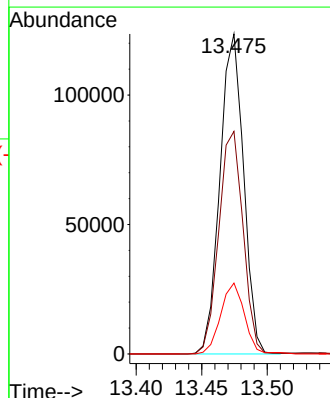
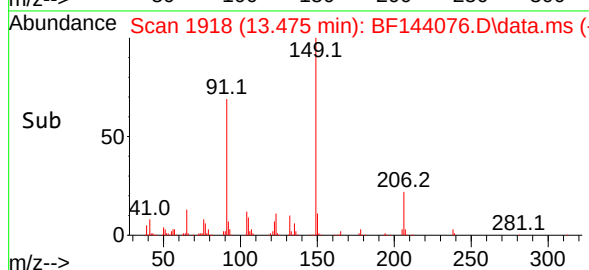
Tgt Ion:149 Resp: 154922

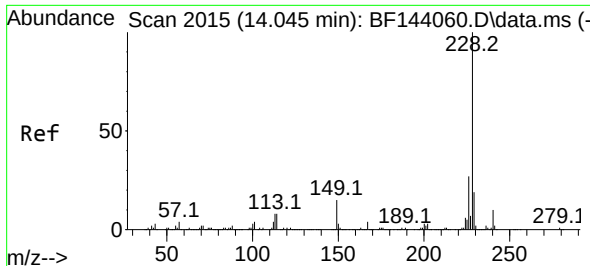
Ion Ratio Lower Upper

149 100

91 69.6 56.6 84.8

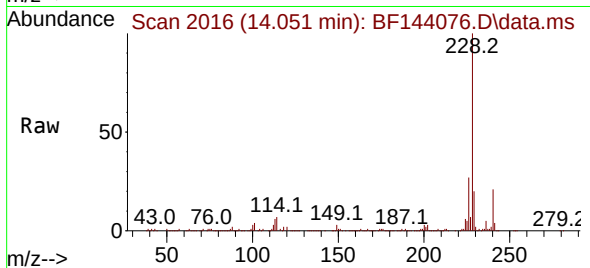
206 22.1 18.3 27.5





#81
Benzo(a)anthracene
Concen: 46.101 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

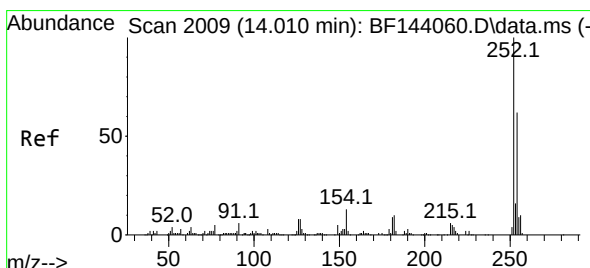
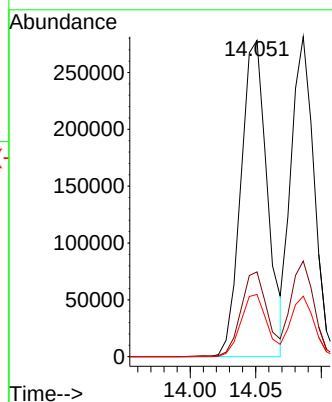
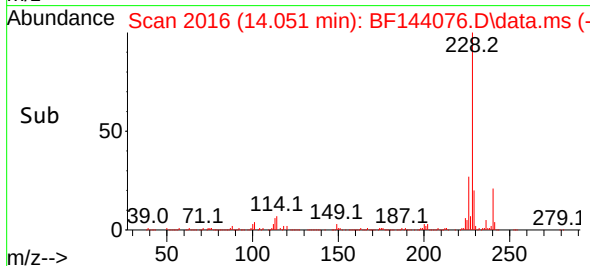
Instrument :
BNA_F
ClientSampleId :
PB170206BS



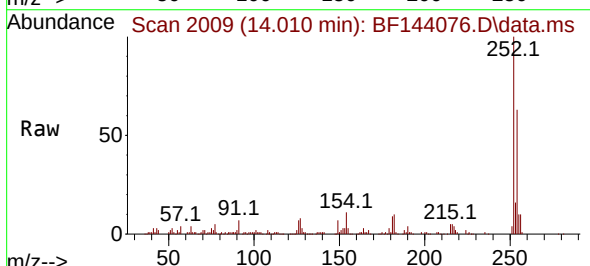
Tgt Ion:228 Resp: 391028
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.7 15.3 22.9

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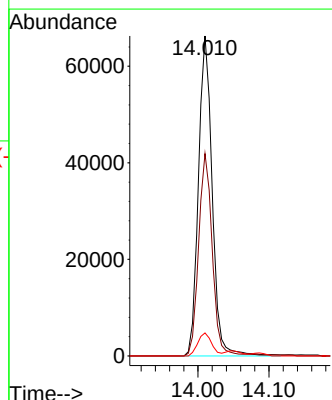
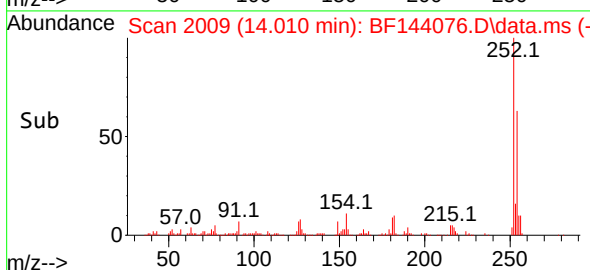
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025

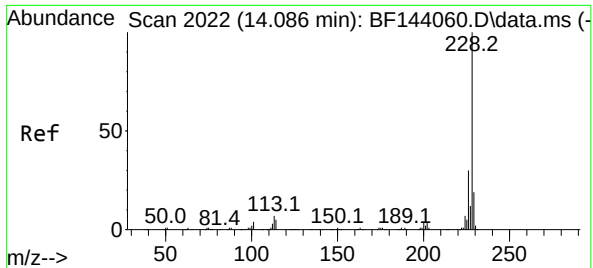


#82
3,3'-Dichlorobenzidine
Concen: 30.369 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



Tgt Ion:252 Resp: 89667
Ion Ratio Lower Upper
252 100
254 63.3 49.9 74.9
126 7.2 6.5 9.7





#83

Chrysene

Concen: 43.126 ng

RT: 14.086 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF144076.D

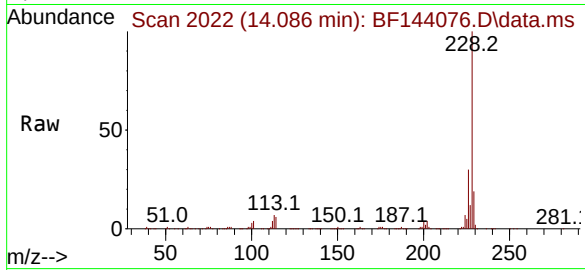
Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS



Tgt Ion:228 Resp: 343250

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

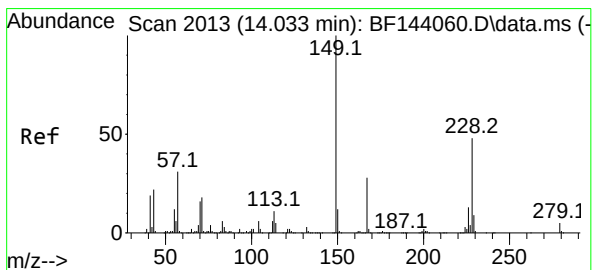
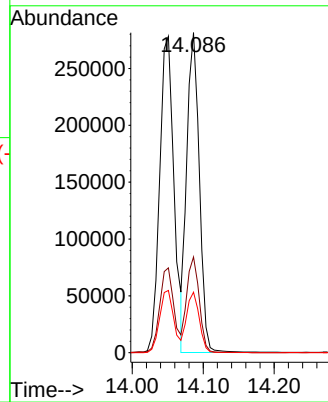
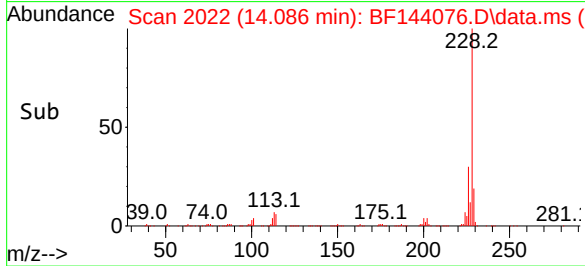
229 18.9 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#84

Bis(2-ethylhexyl)phthalate

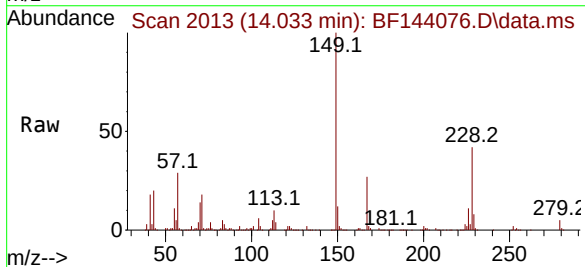
Concen: 42.325 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27



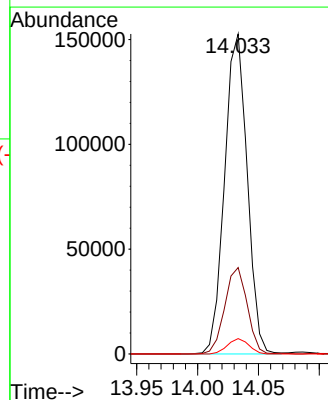
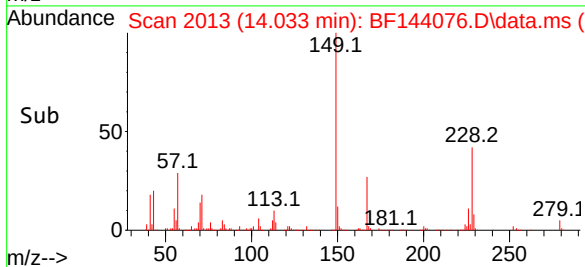
Tgt Ion:149 Resp: 197242

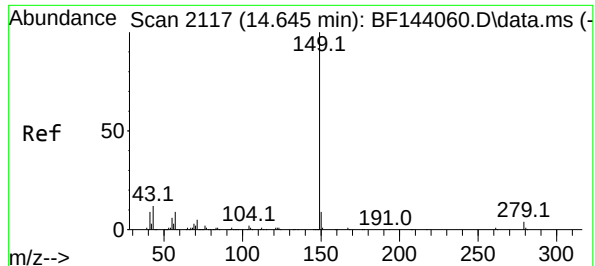
Ion Ratio Lower Upper

149 100

167 27.0 22.5 33.7

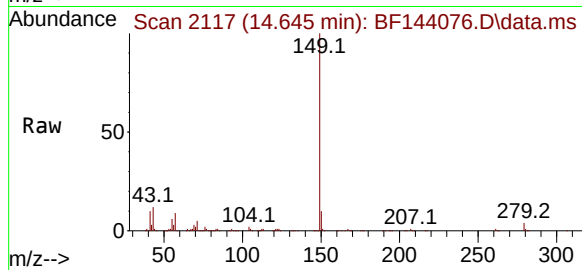
279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 43.204 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

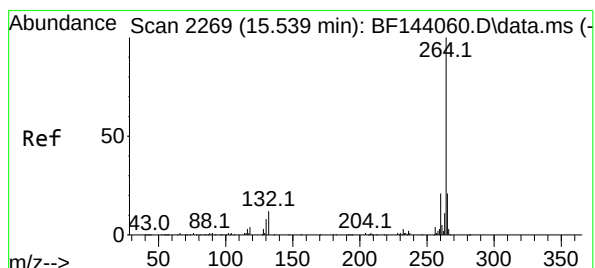
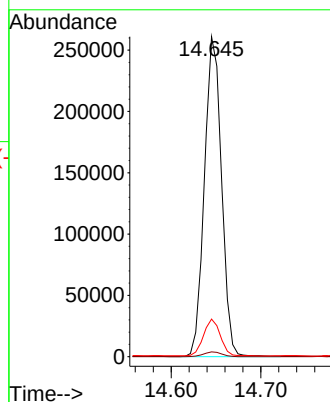
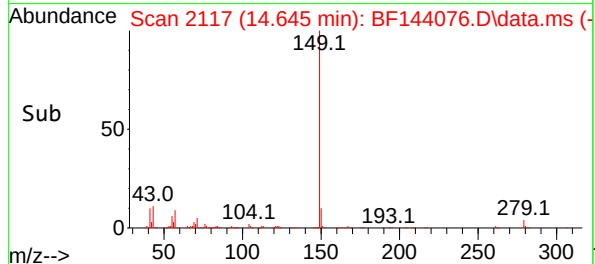
Instrument :
BNA_F
ClientSampleId :
PB170206BS



Tgt Ion:149 Resp: 346250
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 9.3 13.9

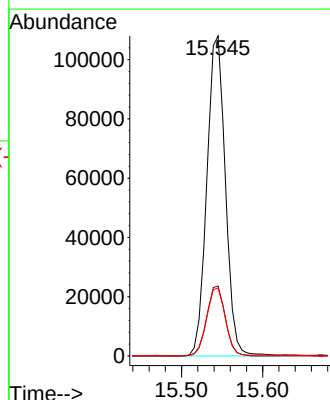
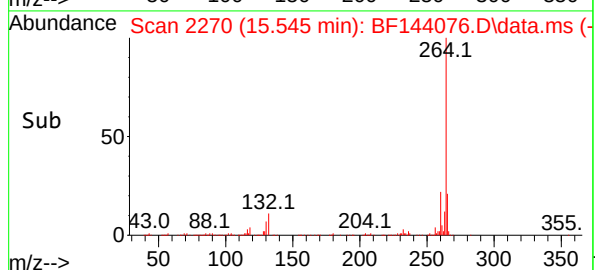
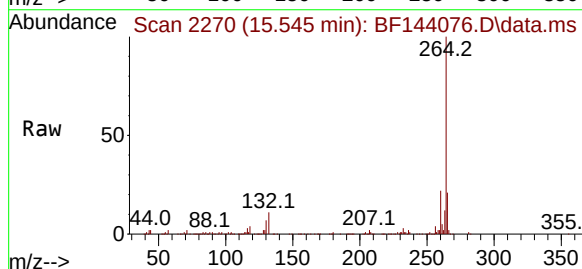
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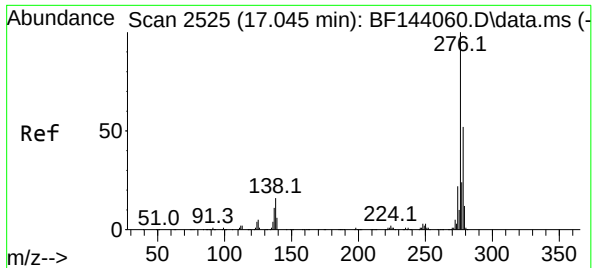
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

Tgt Ion:264 Resp: 170803
Ion Ratio Lower Upper
264 100
260 21.8 17.0 25.4
265 21.2 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.859 ng

RT: 17.057 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF144076.D

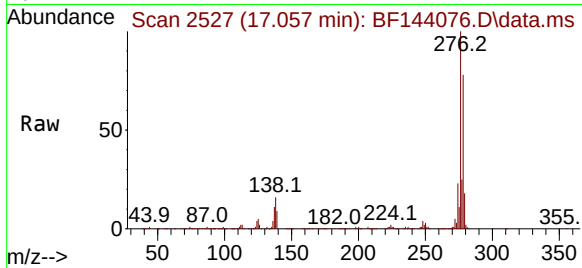
Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS



Tgt Ion:276 Resp: 53776

Ion Ratio Lower Upper

276 100

138 16.3 13.0 19.6

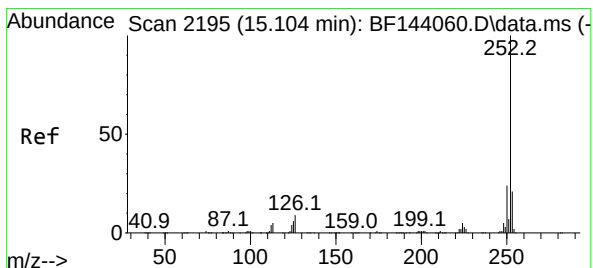
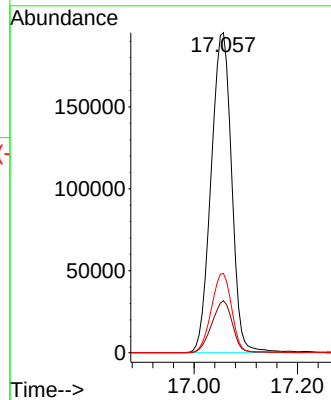
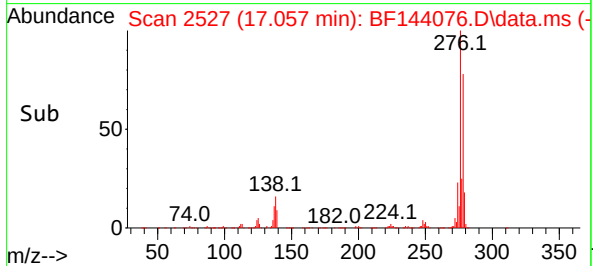
277 24.7 19.4 29.0

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#88

Benzo(b)fluoranthene

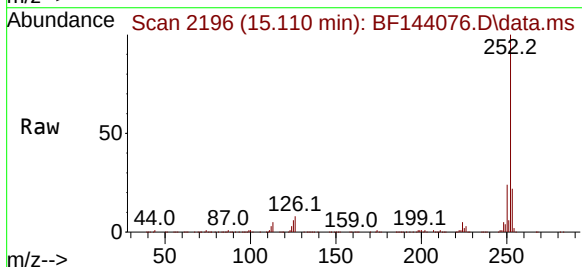
Concen: 43.695 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.006 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27



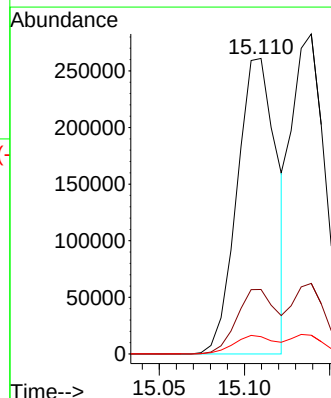
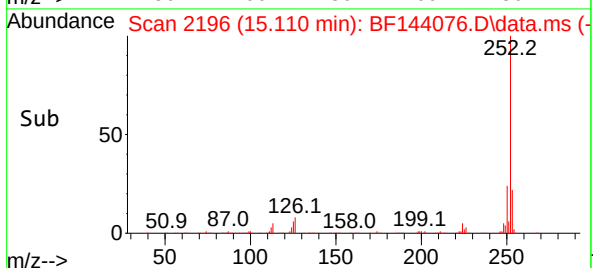
Tgt Ion:252 Resp: 421925

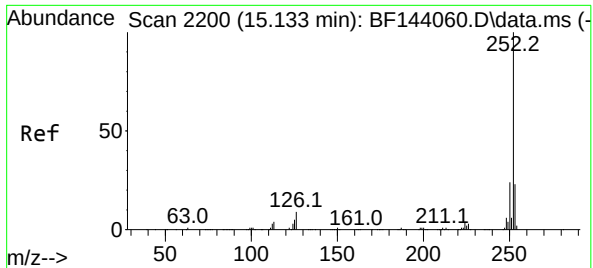
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 5.9 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 43.491 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF144076.D

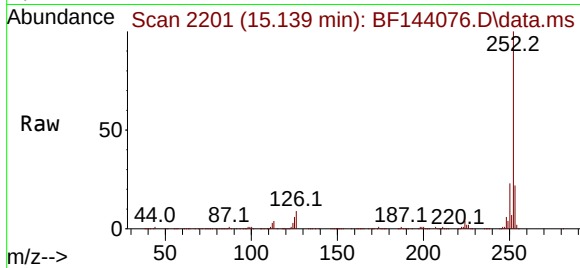
Acq: 27 Oct 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB170206BS



Tgt Ion:252 Resp: 387464

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

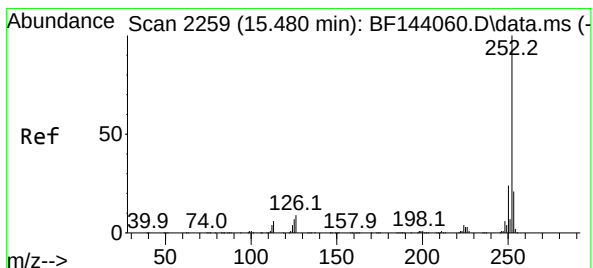
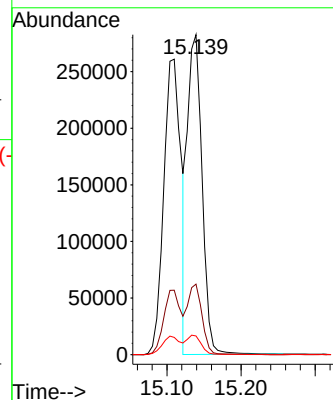
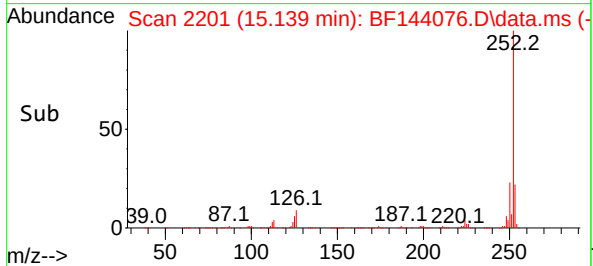
125 5.8 4.9 7.3

Manual Integrations

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Reviewed By :Rahul Chavli 10/28/2025

Supervised By :Jagrut Upadhyay 10/28/2025



#90

Benzo(a)pyrene

Concen: 46.574 ng

RT: 15.480 min Scan# 2259

Delta R.T. 0.000 min

Lab File: BF144076.D

Acq: 27 Oct 2025 11:27

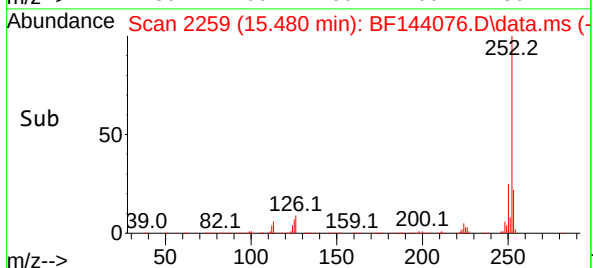
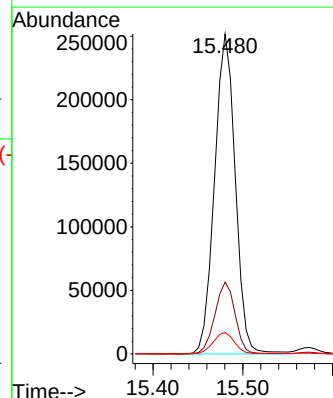
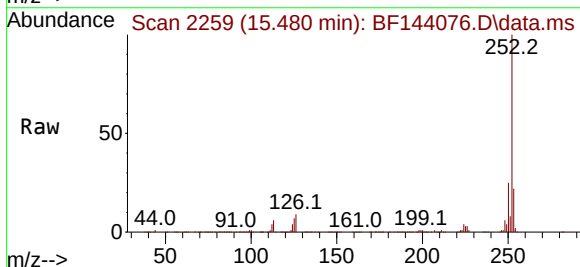
Tgt Ion:252 Resp: 403459

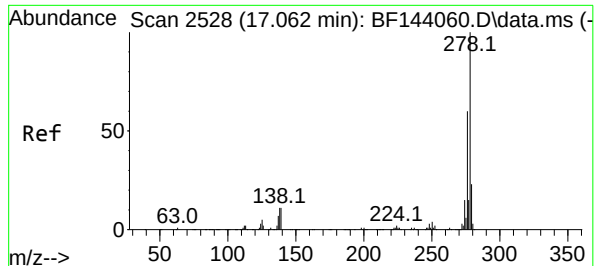
Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

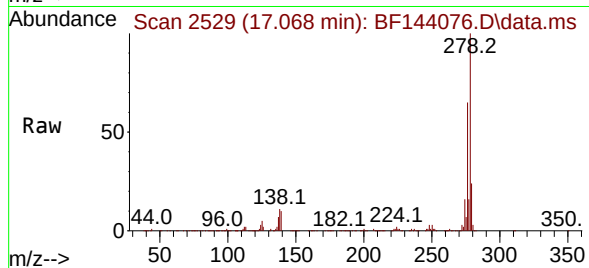
125 6.7 5.4 8.2





#91
Dibenzo(a,h)anthracene
Concen: 46.423 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27

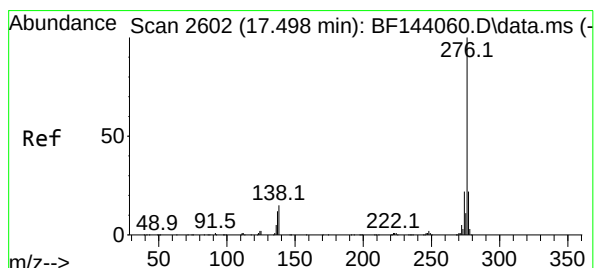
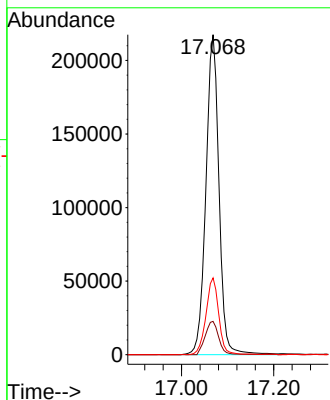
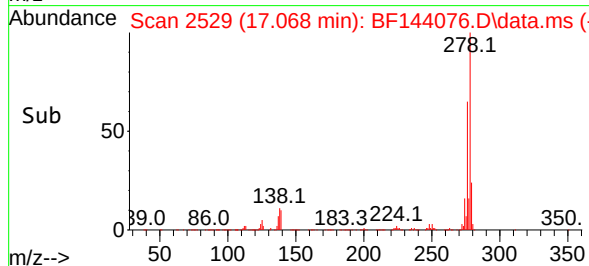
Instrument :
BNA_F
ClientSampleId :
PB170206BS



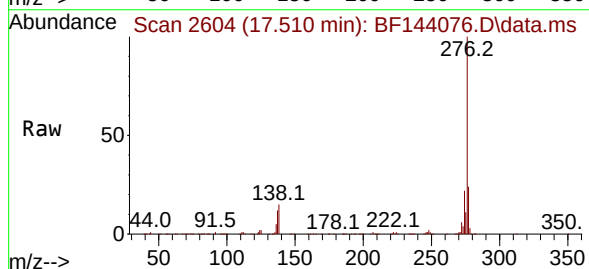
Tgt Ion:278 Resp: 430920
Ion Ratio Lower Upper
278 100
139 10.4 8.5 12.7
279 24.0 18.6 28.0

Manual Integrations
APPROVED

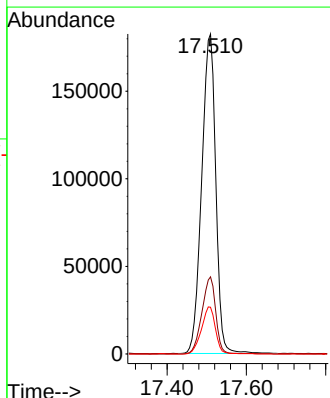
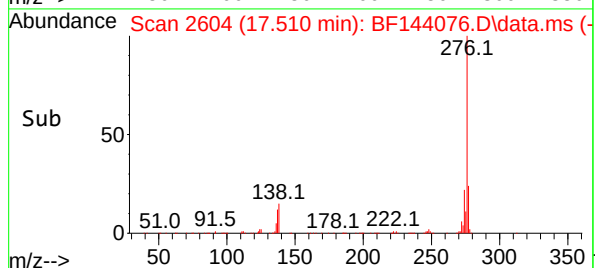
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :Jagrut Upadhyay 10/28/2025



#92
Benzo(g,h,i)perylene
Concen: 48.190 ng
RT: 17.510 min Scan# 2604
Delta R.T. 0.012 min
Lab File: BF144076.D
Acq: 27 Oct 2025 11:27



Tgt Ion:276 Resp: 449738
Ion Ratio Lower Upper
276 100
277 24.1 17.9 26.9
138 14.6 12.0 18.0





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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFFMS
Lab Sample ID: Q3399-01MS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3399
Matrix: SOIL
% Solid: 89.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	920		1	170	370	ug/Kg	10/22/25 16:48	PB170206
108-95-2	Phenol	1600		1	24.5	190	ug/Kg	10/22/25 16:48	PB170206
111-44-4	bis(2-Chloroethyl)ether	1600		1	27.0	190	ug/Kg	10/22/25 16:48	PB170206
95-57-8	2-Chlorophenol	1700		1	27.1	190	ug/Kg	10/22/25 16:48	PB170206
95-48-7	2-Methylphenol	1600		1	33.2	190	ug/Kg	10/22/25 16:48	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1300		1	41.6	190	ug/Kg	10/22/25 16:48	PB170206
98-86-2	Acetophenone	2000		1	32.7	190	ug/Kg	10/22/25 16:48	PB170206
65794-96-9	3+4-Methylphenols	1600		1	45.6	370	ug/Kg	10/22/25 16:48	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1500		1	52.6	88.8	ug/Kg	10/22/25 16:48	PB170206
67-72-1	Hexachloroethane	1800		1	19.5	190	ug/Kg	10/22/25 16:48	PB170206
98-95-3	Nitrobenzene	1800		1	20.3	190	ug/Kg	10/22/25 16:48	PB170206
78-59-1	Isophorone	1700		1	36.4	190	ug/Kg	10/22/25 16:48	PB170206
88-75-5	2-Nitrophenol	2000		1	64.6	190	ug/Kg	10/22/25 16:48	PB170206
105-67-9	2,4-Dimethylphenol	1900		1	71.9	190	ug/Kg	10/22/25 16:48	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.2	190	ug/Kg	10/22/25 16:48	PB170206
120-83-2	2,4-Dichlorophenol	1800		1	31.4	190	ug/Kg	10/22/25 16:48	PB170206
91-20-3	Naphthalene	1800		1	25.2	190	ug/Kg	10/22/25 16:48	PB170206
106-47-8	4-Chloroaniline	780		1	39.3	190	ug/Kg	10/22/25 16:48	PB170206
87-68-3	Hexachlorobutadiene	2000		1	28.1	190	ug/Kg	10/22/25 16:48	PB170206
105-60-2	Caprolactam	1600		1	57.8	370	ug/Kg	10/22/25 16:48	PB170206
59-50-7	4-Chloro-3-methylphenol	1700		1	31.8	190	ug/Kg	10/22/25 16:48	PB170206
91-57-6	2-Methylnaphthalene	1600		1	28.4	190	ug/Kg	10/22/25 16:48	PB170206
77-47-4	Hexachlorocyclopentadiene	2500		1	130	370	ug/Kg	10/22/25 16:48	PB170206
88-06-2	2,4,6-Trichlorophenol	1800		1	22.0	190	ug/Kg	10/22/25 16:48	PB170206
95-95-4	2,4,5-Trichlorophenol	1800		1	32.3	190	ug/Kg	10/22/25 16:48	PB170206
92-52-4	1,1-Biphenyl	2000		1	24.2	190	ug/Kg	10/22/25 16:48	PB170206
91-58-7	2-Chloronaphthalene	1800		1	25.0	190	ug/Kg	10/22/25 16:48	PB170206
88-74-4	2-Nitroaniline	1800		1	53.4	190	ug/Kg	10/22/25 16:48	PB170206
131-11-3	Dimethylphthalate	1800		1	30.1	190	ug/Kg	10/22/25 16:48	PB170206
208-96-8	Acenaphthylene	2000		1	32.1	190	ug/Kg	10/22/25 16:48	PB170206
606-20-2	2,6-Dinitrotoluene	2100		1	37.3	190	ug/Kg	10/22/25 16:48	PB170206
99-09-2	3-Nitroaniline	1300		1	51.0	190	ug/Kg	10/22/25 16:48	PB170206
83-32-9	Acenaphthene	1800		1	23.6	190	ug/Kg	10/22/25 16:48	PB170206
51-28-5	2,4-Dinitrophenol	2800		1	250	370	ug/Kg	10/22/25 16:48	PB170206
100-02-7	4-Nitrophenol	3100	E	1	120	370	ug/Kg	10/22/25 16:48	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	190	ug/Kg	10/22/25 16:48	PB170206
121-14-2	2,4-Dinitrotoluene	2000		1	55.6	190	ug/Kg	10/22/25 16:48	PB170206
84-66-2	Diethylphthalate	1800		1	31.4	190	ug/Kg	10/22/25 16:48	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1800		1	29.6	190	ug/Kg	10/22/25 16:48	PB170206
86-73-7	Fluorene	1800		1	28.1	190	ug/Kg	10/22/25 16:48	PB170206
100-01-6	4-Nitroaniline	1700		1	71.2	190	ug/Kg	10/22/25 16:48	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2000		1	110	370	ug/Kg	10/22/25 16:48	PB170206



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

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFFMS
Lab Sample ID: Q3399-01MS
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.08 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3399
Matrix: SOIL
% Solid: 89.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.5	190	ug/Kg	10/22/25 16:48	PB170206
101-55-3	4-Bromophenyl-phenylether	1900		1	30.8	190	ug/Kg	10/22/25 16:48	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	190	ug/Kg	10/22/25 16:48	PB170206
1912-24-9	Atrazine	2000		1	37.7	190	ug/Kg	10/22/25 16:48	PB170206
87-86-5	Pentachlorophenol	3500	E	1	56.9	370	ug/Kg	10/22/25 16:48	PB170206
85-01-8	Phenanthrene	1800		1	23.2	190	ug/Kg	10/22/25 16:48	PB170206
120-12-7	Anthracene	1900		1	36.9	190	ug/Kg	10/22/25 16:48	PB170206
86-74-8	Carbazole	1900		1	34.6	190	ug/Kg	10/22/25 16:48	PB170206
84-74-2	Di-n-butylphthalate	1900		1	53.1	190	ug/Kg	10/22/25 16:48	PB170206
206-44-0	Fluoranthene	2000		1	33.3	190	ug/Kg	10/22/25 16:48	PB170206
129-00-0	Pyrene	1400		1	39.9	190	ug/Kg	10/22/25 16:48	PB170206
85-68-7	Butylbenzylphthalate	1700		1	79.2	190	ug/Kg	10/22/25 16:48	PB170206
91-94-1	3,3-Dichlorobenzidine	1600		1	40.7	370	ug/Kg	10/22/25 16:48	PB170206
56-55-3	Benzo(a)anthracene	1800		1	25.5	190	ug/Kg	10/22/25 16:48	PB170206
218-01-9	Chrysene	1900		1	22.1	190	ug/Kg	10/22/25 16:48	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	2000		1	65.7	190	ug/Kg	10/22/25 16:48	PB170206
117-84-0	Di-n-octyl phthalate	2200		1	96.3	370	ug/Kg	10/22/25 16:48	PB170206
205-99-2	Benzo(b)fluoranthene	1900		1	21.1	190	ug/Kg	10/22/25 16:48	PB170206
207-08-9	Benzo(k)fluoranthene	1800		1	24.9	190	ug/Kg	10/22/25 16:48	PB170206
50-32-8	Benzo(a)pyrene	1900		1	32.7	190	ug/Kg	10/22/25 16:48	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	32.3	190	ug/Kg	10/22/25 16:48	PB170206
53-70-3	Dibenzo(a,h)anthracene	1600		1	30.4	190	ug/Kg	10/22/25 16:48	PB170206
191-24-2	Benzo(g,h,i)perylene	1400		1	28.5	190	ug/Kg	10/22/25 16:48	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		1	28.4	190	ug/Kg	10/22/25 16:48	PB170206
123-91-1	1,4-Dioxane	1600		1	50.1	190	ug/Kg	10/22/25 16:48	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	1900		1	30.4	190	ug/Kg	10/22/25 16:48	PB170206

SURROGATES

367-12-4	2-Fluorophenol	90.7		18 - 112	60%	SPK: 150
13127-88-3	Phenol-d6	85.1		15 - 107	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	66.5		18 - 107	66%	SPK: 100
321-60-8	2-Fluorobiphenyl	64.8		20 - 109	65%	SPK: 100
118-79-6	2,4,6-Tribromophenol	104		10 - 116	69%	SPK: 150
1718-51-0	Terphenyl-d14	50.5		10 - 105	51%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	57100
1146-65-2	Naphthalene-d8	201000
15067-26-2	Acenaphthene-d10	104000
1517-22-2	Phenanthrene-d10	168000
1719-03-5	Chrysene-d12	158000
1520-96-3	Perylene-d12	199000



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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMS	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
Sample Wt/Vol:	30.08 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C		
	Level : LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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\BF102225\
 Data File : BF144045.D
 Acq On : 22 Oct 2025 16:48
 Operator : RC/JU
 Sample : Q3399-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMS

Quant Time: Oct 22 17:07:56 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	57143	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	201418	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	104489	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	168446	20.000	ng	0.00
76) Chrysene-d12	14.063	240	157711	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	198777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	326532	90.742	ng	0.00
7) Phenol-d6	6.504	99	364985	85.094	ng	-0.01
23) Nitrobenzene-d5	7.439	82	220349	66.465	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	108244	104.008	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	427039	64.849	ng	-0.01
79) Terphenyl-d14	12.998	244	466140	50.515	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	71890	43.172	ng	93
3) Pyridine	3.446	79	196727	40.582	ng	93
4) n-Nitrosodimethylamine	3.393	42	119259	46.767	ng	93
6) Aniline	6.545	93	198249	30.845	ng	99
8) 2-Chlorophenol	6.663	128	162475	46.191	ng	96
9) Benzaldehyde	6.434	77	82729	25.003	ng	97
10) Phenol	6.522	94	222009	43.295	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	166623	42.064	ng	97
12) 1,3-Dichlorobenzene	6.822	146	204716	48.620	ng	100
13) 1,4-Dichlorobenzene	6.898	146	211934	51.028	ng	99
14) 1,2-Dichlorobenzene	7.051	146	196340	49.354	ng	99
15) Benzyl Alcohol	7.022	79	146326	45.532	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	327359	36.307	ng	95
17) 2-Methylphenol	7.134	107	128416	44.175	ng	98
18) Hexachloroethane	7.392	117	66658	48.125	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	119120	40.573	ng	95
20) 3+4-Methylphenols	7.281	107	147081	43.655	ng	# 75
22) Acetophenone	7.286	105	228530	53.660	ng	95
24) Nitrobenzene	7.463	77	180195	48.944	ng	97
25) Isophorone	7.698	82	314598	45.004	ng	98
26) 2-Nitrophenol	7.781	139	86948	55.085	ng	98
27) 2,4-Dimethylphenol	7.810	122	145756	51.334	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	197585	44.746	ng	100
29) 2,4-Dichlorophenol	8.022	162	147567	49.894	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	154993	53.285	ng	99
31) Naphthalene	8.186	128	446863	48.772	ng	99
32) Benzoic acid	7.922	122	85718	43.621	ng	96
33) 4-Chloroaniline	8.233	127	72133	20.991	ng	96
34) Hexachlorobutadiene	8.304	225	109564	54.205	ng	97
35) Caprolactam	8.592	113	40795	43.381	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	129035	45.419	ng	99
37) 2-Methylnaphthalene	8.875	142	264741	43.377	ng	99
38) 1-Methylnaphthalene	8.975	142	265211	44.799	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	167040	57.841	ng	97
41) Hexachlorocyclopentadiene	9.028	237	79498	66.354	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	103102	48.861	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144045.D
 Acq On : 22 Oct 2025 16:48
 Operator : RC/JU
 Sample : Q3399-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMS

Quant Time: Oct 22 17:07:56 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

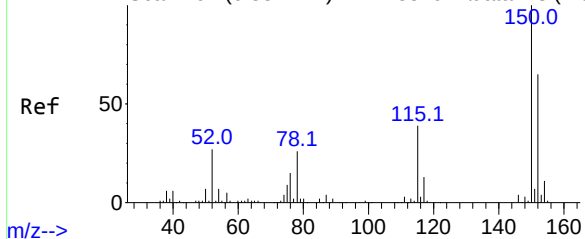
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	110597	49.598	ng	99
46) 1,1'-Biphenyl	9.339	154	379219	54.816	ng	98
47) 2-Chloronaphthalene	9.369	162	285360	49.473	ng	100
48) 2-Nitroaniline	9.463	65	88111	48.317	ng	93
49) Acenaphthylene	9.780	152	438583	54.086	ng	99
50) Dimethylphthalate	9.639	163	323677	48.780	ng	99
51) 2,6-Dinitrotoluene	9.704	165	70161	57.022	ng	97
52) Acenaphthene	9.957	154	264864	49.847	ng	99
53) 3-Nitroaniline	9.875	138	53252	35.346	ng	93
54) 2,4-Dinitrophenol	9.980	184	58234	77.012	ng	94
55) Dibenzofuran	10.127	168	358411	47.784	ng	99
56) 4-Nitrophenol	10.033	139	94611	82.938	ng	95
57) 2,4-Dinitrotoluene	10.110	165	91107	54.420	ng	98
58) Fluorene	10.469	166	276481	48.851	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	80285	50.862	ng	# 98
60) Diethylphthalate	10.339	149	297519	48.264	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	149003	49.796	ng	99
62) 4-Nitroaniline	10.486	138	67812	46.806	ng	96
63) Azobenzene	10.622	77	302817	47.002	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	46280	54.673	ng	95
66) n-Nitrosodiphenylamine	10.580	169	267366	50.551	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	95053	51.060	ng	97
68) Hexachlorobenzene	11.022	284	115537	53.609	ng	97
69) Atrazine	11.104	200	86175	53.756	ng	99
70) Pentachlorophenol	11.216	266	115720	93.490	ng	98
71) Phenanthrene	11.439	178	406843	49.820	ng	100
72) Anthracene	11.486	178	424337	51.435	ng	99
73) Carbazole	11.645	167	374959	51.318	ng	99
74) Di-n-butylphthalate	11.974	149	439215	51.866	ng	99
75) Fluoranthene	12.627	202	466245	55.274	ng	98
77) Benzidine	12.751	184	191999	35.061	ng	98
78) Pyrene	12.857	202	486134	36.974	ng	99
80) Butylbenzylphthalate	13.474	149	194190	45.477	ng	98
81) Benzo(a)anthracene	14.051	228	500895	48.533	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	138851	44.147	ng	99
83) Chrysene	14.086	228	481599	50.418	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	278912	54.185	ng	100
85) Di-n-octyl phthalate	14.651	149	511613	60.515	ng	97
87) Indeno(1,2,3-cd)pyrene	17.056	276	499925	41.045	ng	98
88) Benzo(b)fluoranthene	15.109	252	574593	50.322	ng	# 97
89) Benzo(k)fluoranthene	15.139	252	502266	47.538	ng	98
90) Benzo(a)pyrene	15.486	252	521045	52.626	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	415588	42.425	ng	98
92) Benzo(g,h,i)perylene	17.509	276	374153	38.195	ng	96

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

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

[illegible]

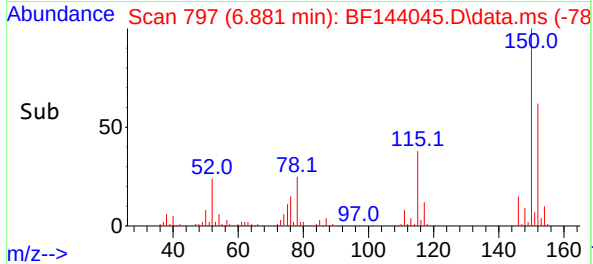
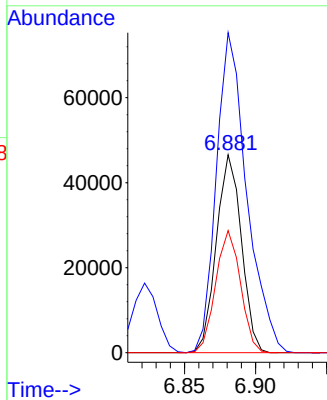
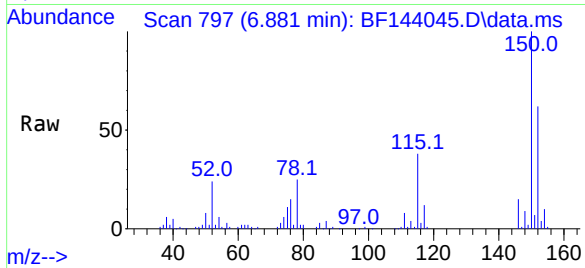
Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79)



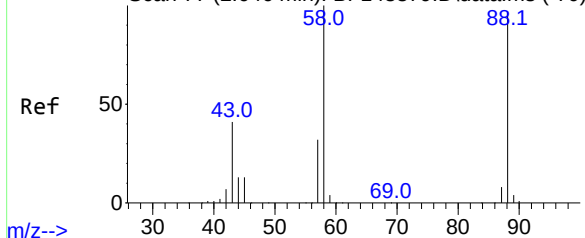
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:152 Resp: 57143
Ion Ratio Lower Upper
152 100
150 161.7 124.4 186.6
115 61.7 48.1 72.1

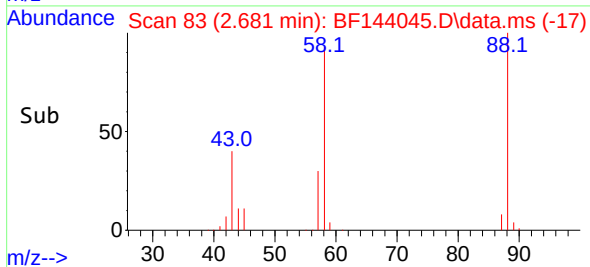
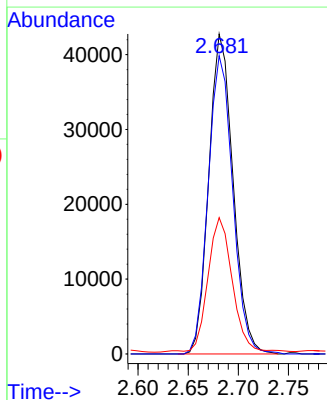
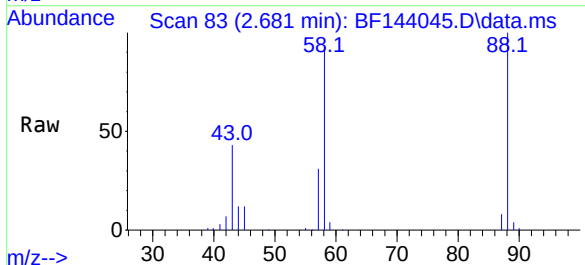


Abundance Scan 77 (2.646 min): BF143879.D\data.ms (-70)

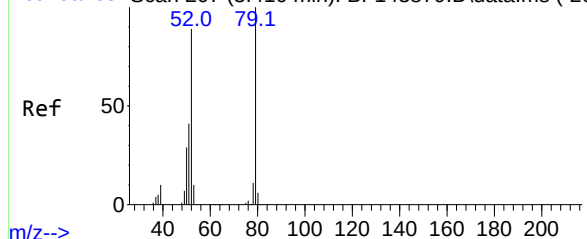


#2
1,4-Dioxane
Concen: 43.172 ng
RT: 2.681 min Scan# 83
Delta R.T. 0.035 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion: 88 Resp: 71890
Ion Ratio Lower Upper
88 100
58 94.4 83.0 124.6
43 42.5 33.9 50.9

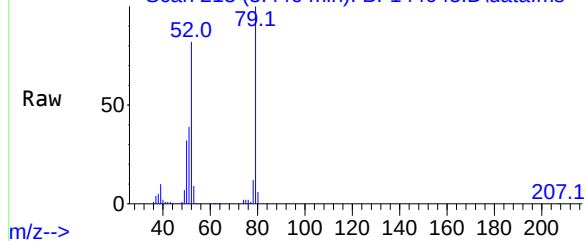


Abundance Scan 207 (3.410 min): BF143879.D\data.ms (-20



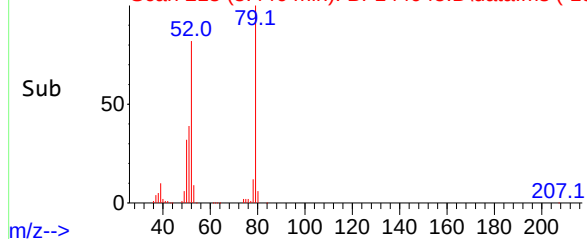
m/z-->

Abundance Scan 213 (3.446 min): BF144045.D\data.ms



m/z-->

Abundance Scan 213 (3.446 min): BF144045.D\data.ms (-19



m/z-->

#3

Pyridine

Concen: 40.582 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.029 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 79 Resp: 196727

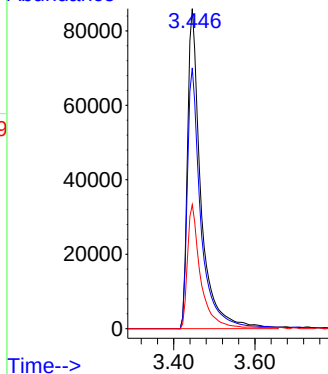
Ion Ratio Lower Upper

79 100

52 81.5 71.5 107.3

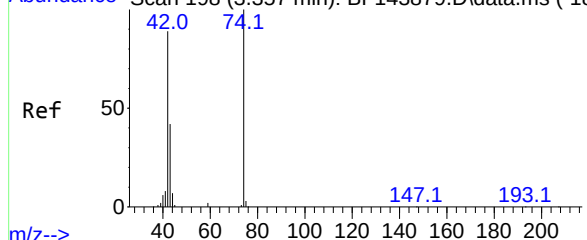
51 38.8 32.9 49.3

Abundance



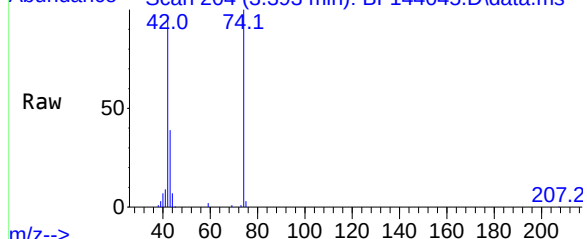
Time-->

Abundance Scan 198 (3.357 min): BF143879.D\data.ms (-18



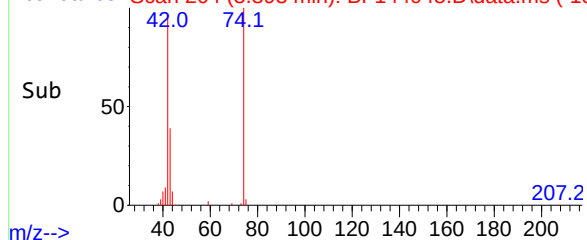
m/z-->

Abundance Scan 204 (3.393 min): BF144045.D\data.ms



m/z-->

Abundance Scan 204 (3.393 min): BF144045.D\data.ms (-18



m/z-->

#4

n-Nitrosodimethylamine

Concen: 46.767 ng

RT: 3.393 min Scan# 204

Delta R.T. 0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 42 Resp: 119259

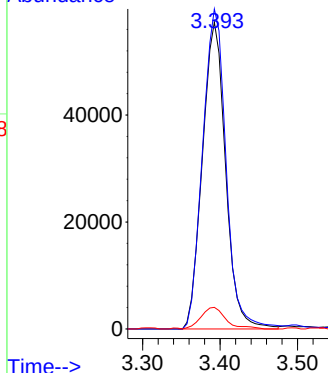
Ion Ratio Lower Upper

42 100

74 104.3 90.0 135.0

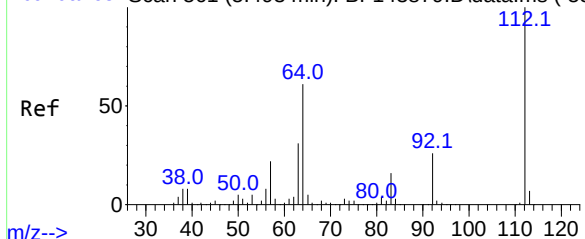
44 7.0 6.2 9.2

Abundance



Time-->

Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



#5

2-Fluorophenol

Concen: 90.742 ng

RT: 5.504 min Scan# 5

Delta R.T. 0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:112 Resp: 326532

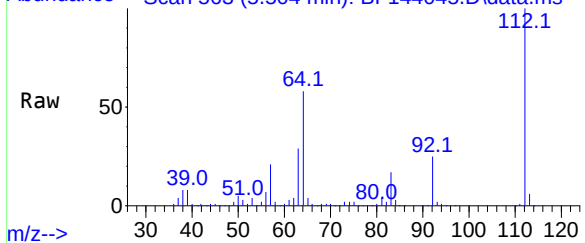
Ion Ratio Lower Upper

112 100

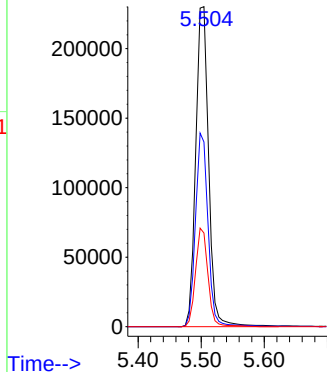
64 57.7 49.1 73.7

63 29.2 24.5 36.7

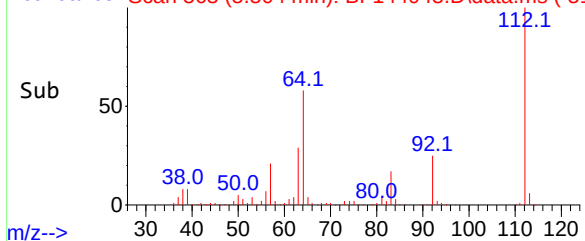
Abundance Scan 563 (5.504 min): BF144045.D\data.ms



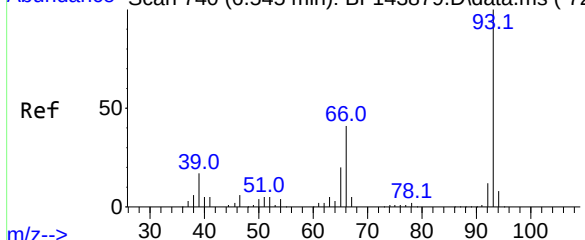
Abundance



Abundance Scan 563 (5.504 min): BF144045.D\data.ms (-51



Abundance Scan 740 (6.545 min): BF143879.D\data.ms (-72



#6

Aniline

Concen: 30.845 ng

RT: 6.545 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 93 Resp: 198249

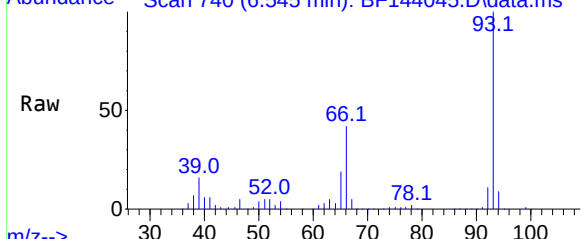
Ion Ratio Lower Upper

93 100

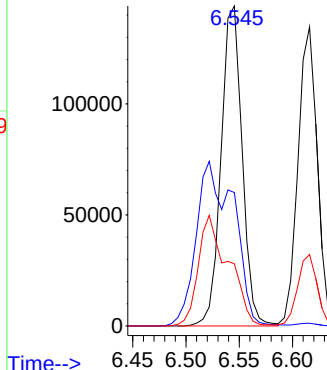
66 41.7 33.0 49.6

65 19.4 15.8 23.8

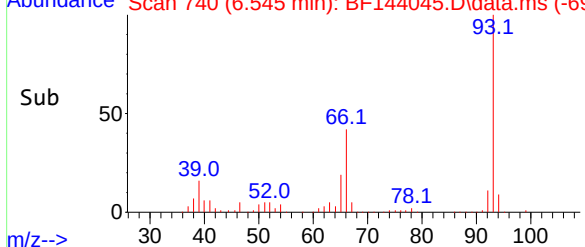
Abundance Scan 740 (6.545 min): BF144045.D\data.ms



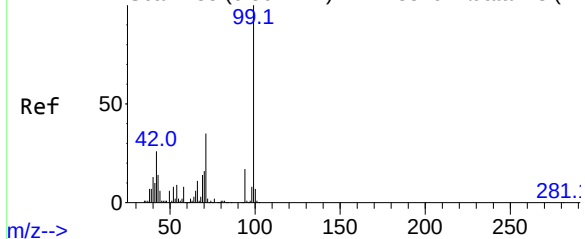
Abundance



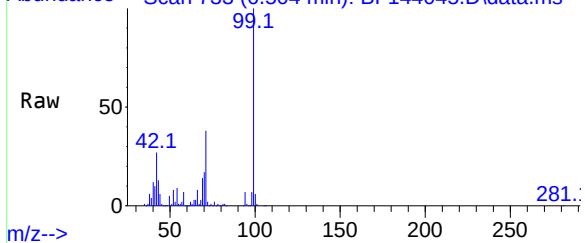
Abundance Scan 740 (6.545 min): BF144045.D\data.ms (-69



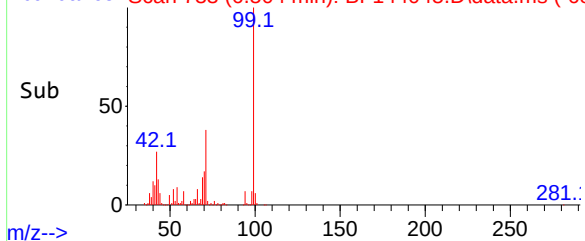
Abundance Scan 733 (6.504 min): BF143879.D\data.ms (-72



m/z--> Abundance Scan 733 (6.504 min): BF144045.D\data.ms



m/z--> Abundance Scan 733 (6.504 min): BF144045.D\data.ms (-68



#7

Phenol-d6

Concen: 85.094 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 99 Resp: 364985

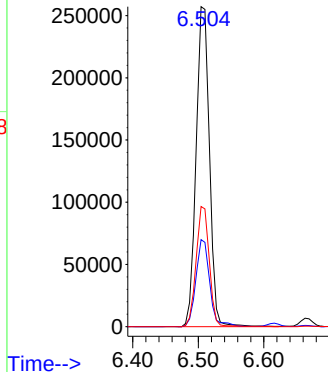
Ion Ratio Lower Upper

99 100

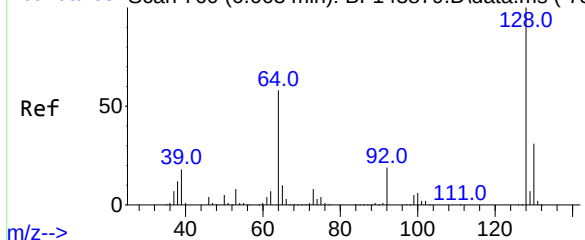
42 27.2 21.0 31.4

71 37.5 27.8 41.8

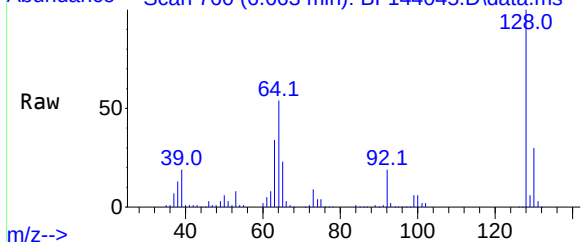
Abundance



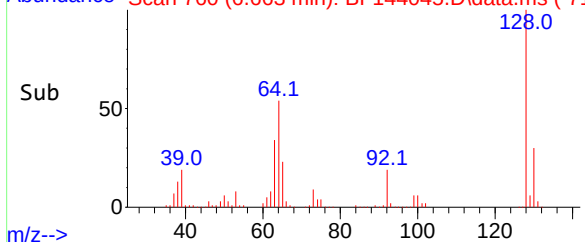
Abundance Scan 760 (6.663 min): BF143879.D\data.ms (-75



m/z--> Abundance Scan 760 (6.663 min): BF144045.D\data.ms



m/z--> Abundance Scan 760 (6.663 min): BF144045.D\data.ms (-71



#8

2-Chlorophenol

Concen: 46.191 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 128 Resp: 162475

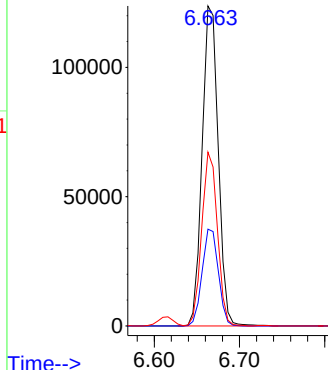
Ion Ratio Lower Upper

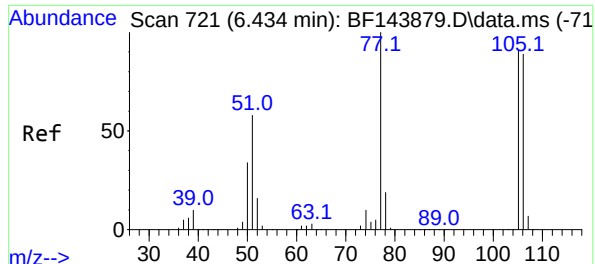
128 100

130 30.2 10.7 50.7

64 54.3 39.0 79.0

Abundance

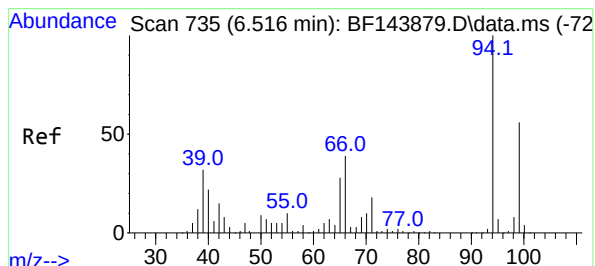
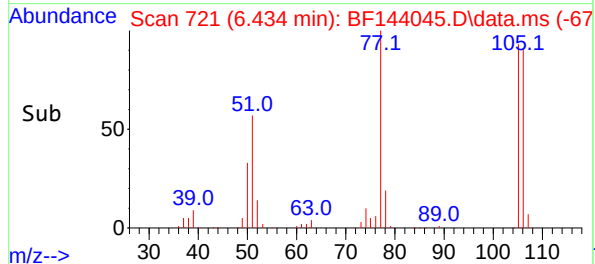
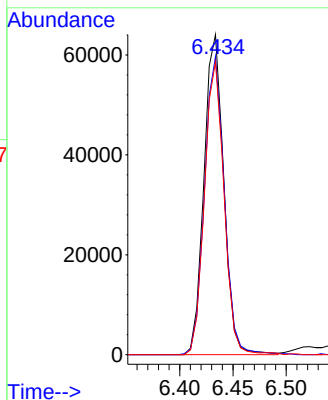
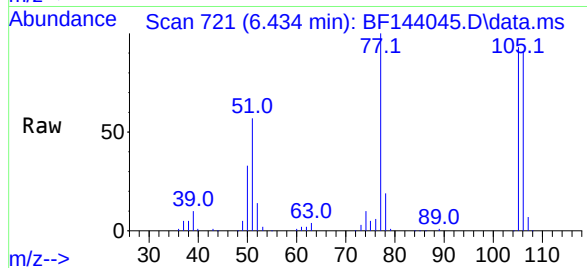




#9
Benzaldehyde
Concen: 25.003 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

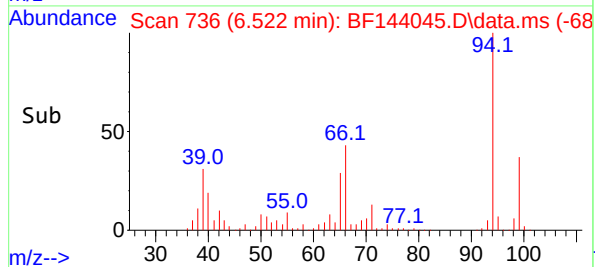
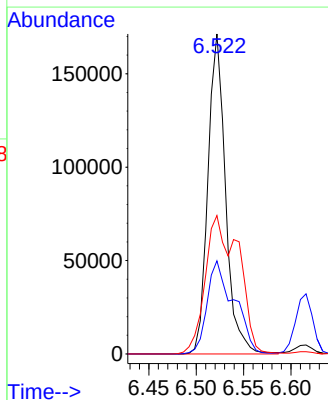
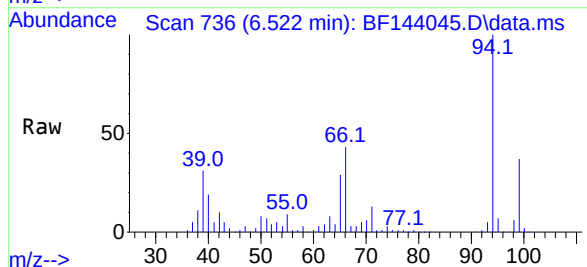
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

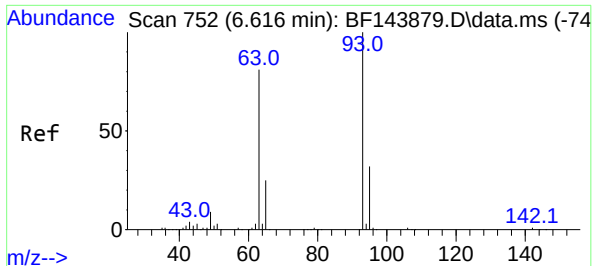
Tgt Ion: 77 Resp: 82729
Ion Ratio Lower Upper
77 100
105 93.2 70.9 110.9
106 91.5 68.9 108.9



#10
Phenol
Concen: 43.295 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion: 94 Resp: 222009
Ion Ratio Lower Upper
94 100
65 29.1 8.5 48.5
66 43.3 19.9 59.9

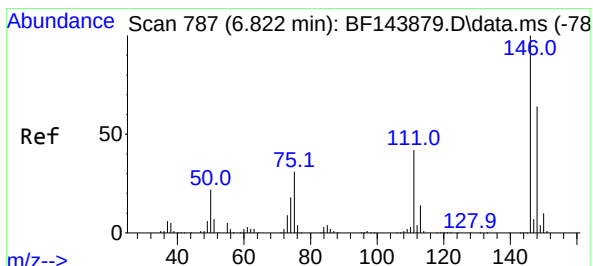
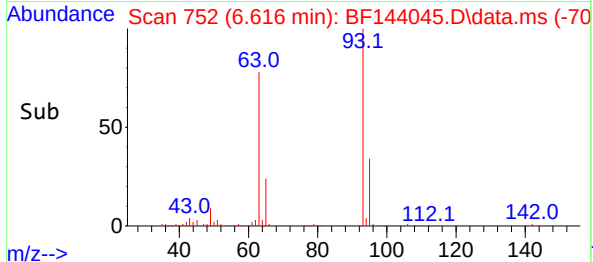
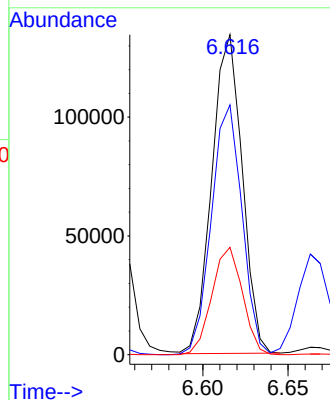
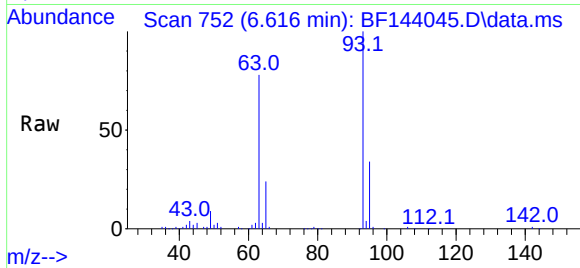




#11
bis(2-Chloroethyl)ether
Concen: 42.064 ng
RT: 6.616 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

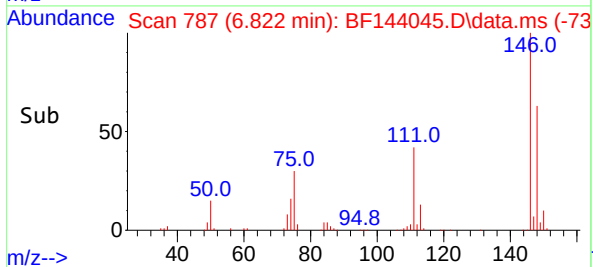
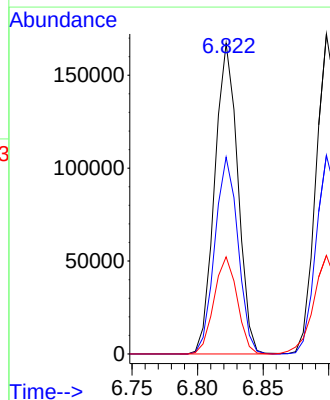
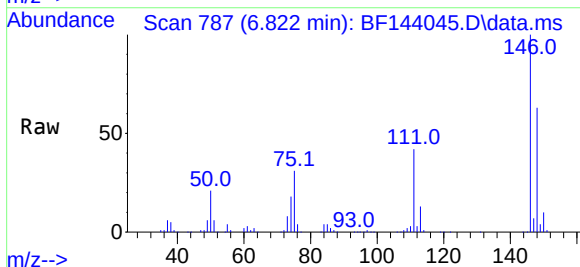
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion: 93 Resp: 166623
Ion Ratio Lower Upper
93 100
63 78.1 60.9 100.9
95 33.5 11.5 51.5

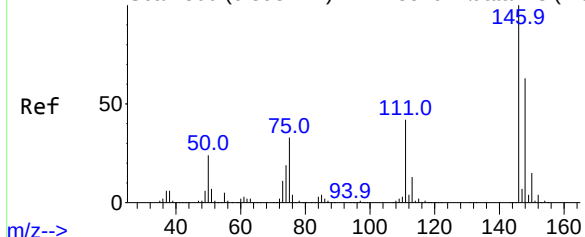


#12
1,3-Dichlorobenzene
Concen: 48.620 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:146 Resp: 204716
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 31.3 24.9 37.3

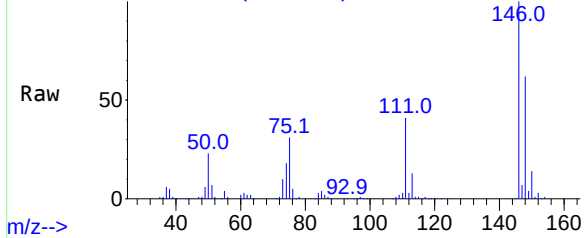


Abundance Scan 800 (6.898 min): BF143879.D\data.ms (-79



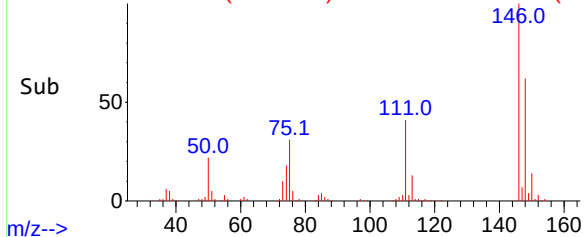
m/z-->

Abundance Scan 800 (6.898 min): BF144045.D\data.ms



m/z-->

Abundance Scan 800 (6.898 min): BF144045.D\data.ms (-75



m/z-->

#13

1,4-Dichlorobenzene

Concen: 51.028 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:146 Resp: 211934

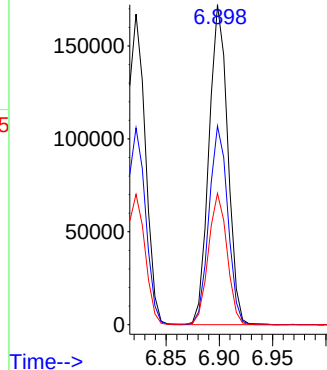
Ion Ratio Lower Upper

146 100

148 62.1 50.5 75.7

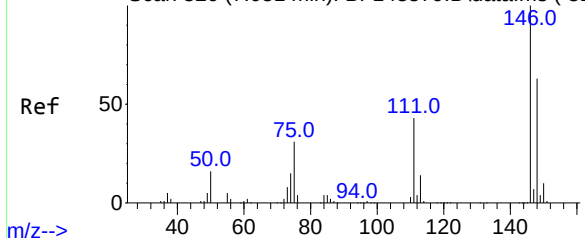
111 41.0 33.4 50.0

Abundance



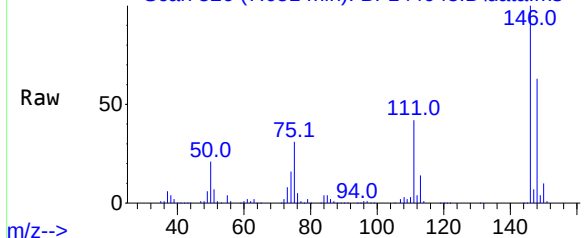
Time-->

Abundance Scan 826 (7.051 min): BF143879.D\data.ms (-81



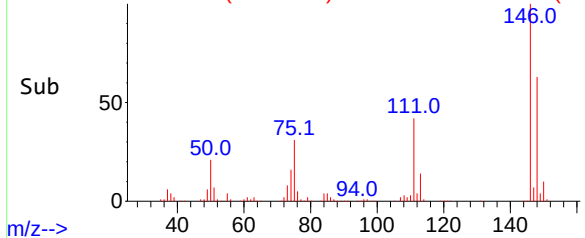
m/z-->

Abundance Scan 826 (7.051 min): BF144045.D\data.ms



m/z-->

Abundance Scan 826 (7.051 min): BF144045.D\data.ms (-77



m/z-->

#14

1,2-Dichlorobenzene

Concen: 49.354 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:146 Resp: 196340

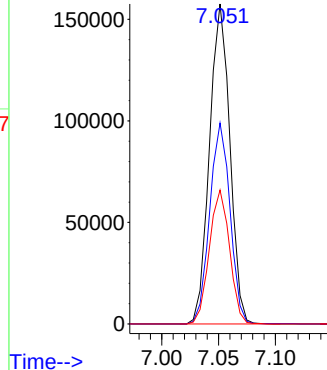
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

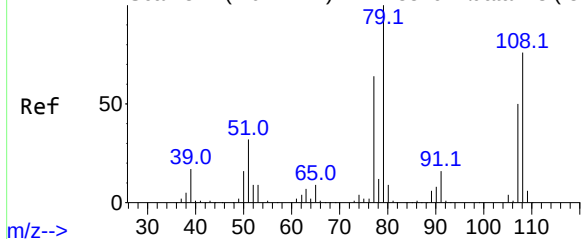
111 41.9 34.6 51.8

Abundance



Time-->

Abundance Scan 821 (7.022 min): BF143879.D\data.ms (-81



#15

Benzyl Alcohol

Concen: 45.532 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 79 Resp: 146326

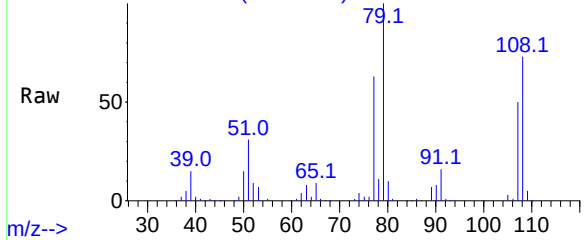
Ion Ratio Lower Upper

79 100

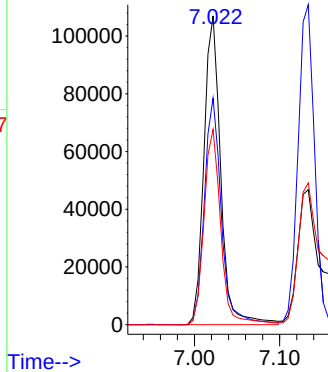
108 73.4 60.8 91.2

77 63.2 51.0 76.6

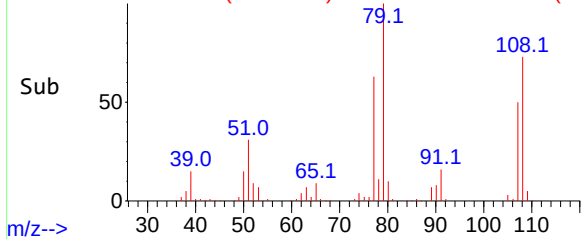
Abundance Scan 821 (7.022 min): BF144045.D\data.ms



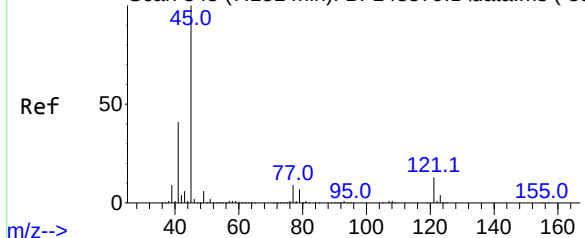
Abundance



Abundance Scan 821 (7.022 min): BF144045.D\data.ms (-77



Abundance Scan 843 (7.151 min): BF143879.D\data.ms (-83



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.307 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 45 Resp: 327359

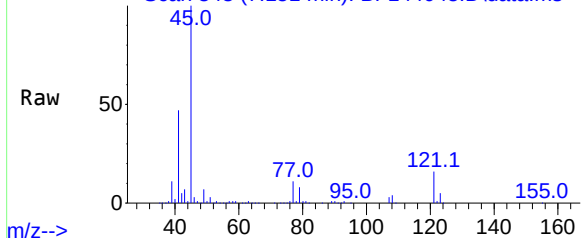
Ion Ratio Lower Upper

45 100

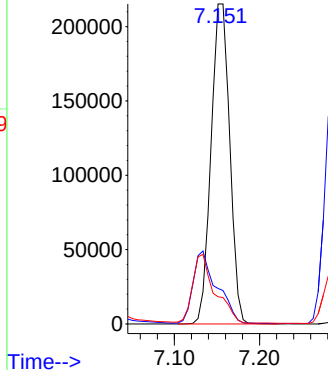
77 11.1 0.0 29.0

79 8.5 0.0 26.8

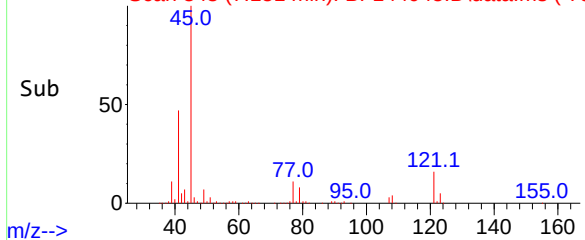
Abundance Scan 843 (7.151 min): BF144045.D\data.ms



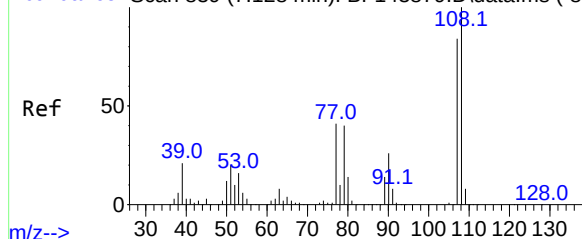
Abundance



Abundance Scan 843 (7.151 min): BF144045.D\data.ms (-79



Abundance Scan 839 (7.128 min): BF143879.D\data.ms (-83



#17

2-Methylphenol

Concen: 44.175 ng

RT: 7.134 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

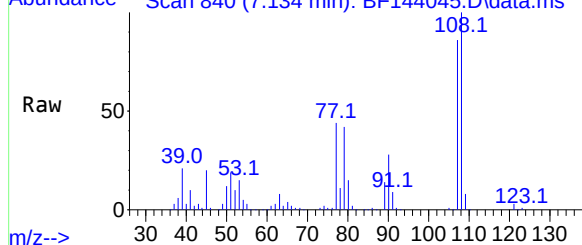
Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Abundance Scan 840 (7.134 min): BF144045.D\data.ms



Tgt Ion:107 Resp: 128416

Ion Ratio Lower Upper

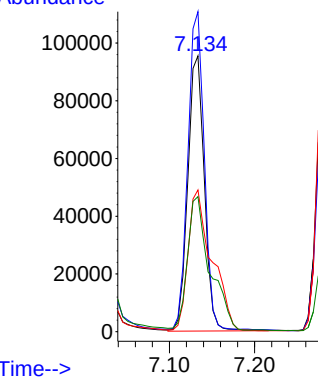
107 100

108 116.0 94.7 142.1

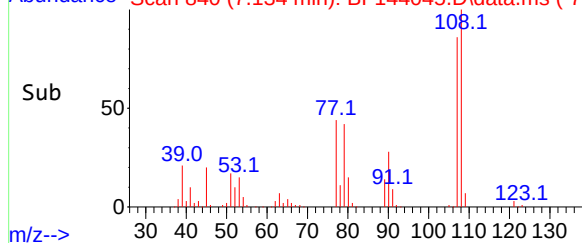
77 51.4 38.8 58.2

79 49.0 38.3 57.5

Abundance

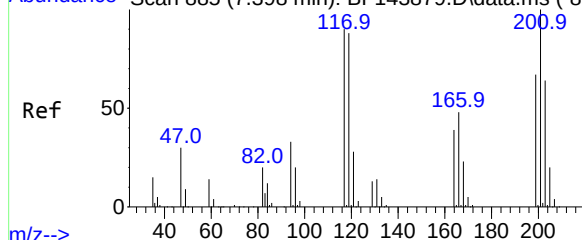


Abundance Scan 840 (7.134 min): BF144045.D\data.ms (-78



Time-->

Abundance Scan 885 (7.398 min): BF143879.D\data.ms (-87



#18

Hexachloroethane

Concen: 48.125 ng

RT: 7.392 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:117 Resp: 66658

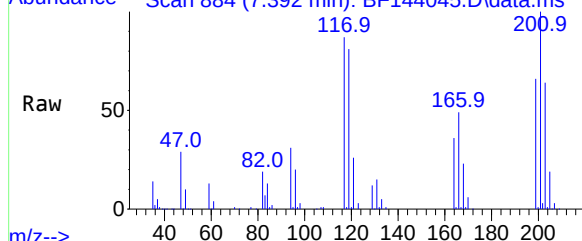
Ion Ratio Lower Upper

117 100

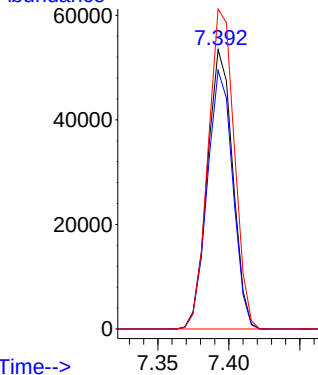
119 92.6 77.8 116.8

201 114.6 88.5 132.7

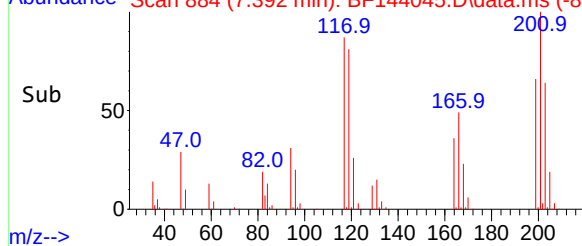
Abundance Scan 884 (7.392 min): BF144045.D\data.ms



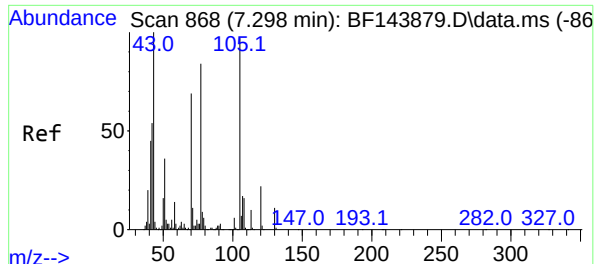
Abundance



Abundance Scan 884 (7.392 min): BF144045.D\data.ms (-83



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 40.573 ng

RT: 7.286 min Scan# 8

Delta R.T. -0.029 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 70 Resp: 119120

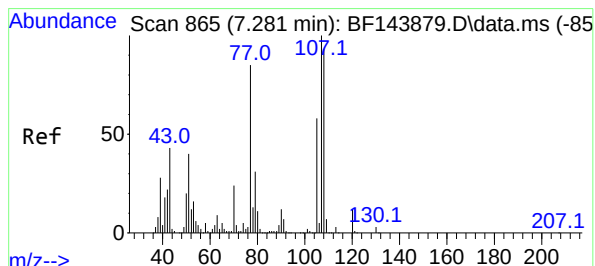
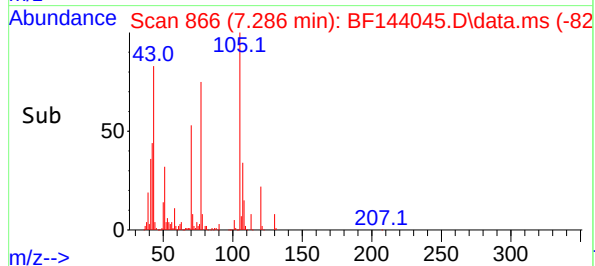
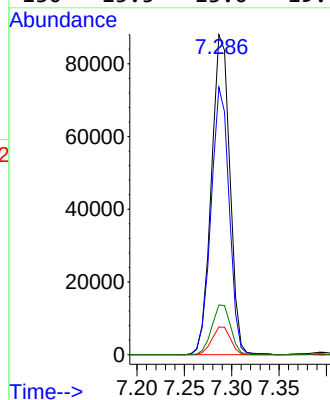
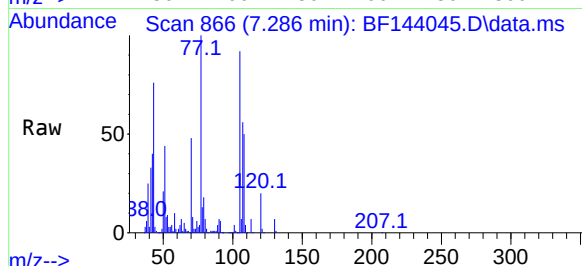
Ion Ratio Lower Upper

70 100

42 83.5 62.8 94.2

101 8.6 6.7 10.1

130 15.5 13.0 19.4



#20

3+4-Methylphenols

Concen: 43.655 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:107 Resp: 147081

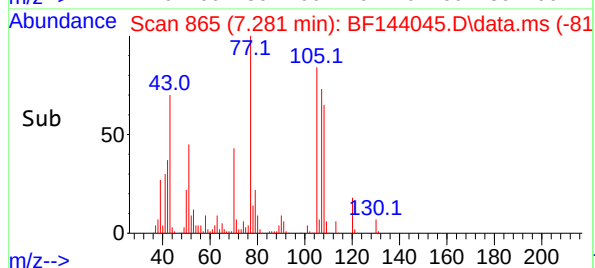
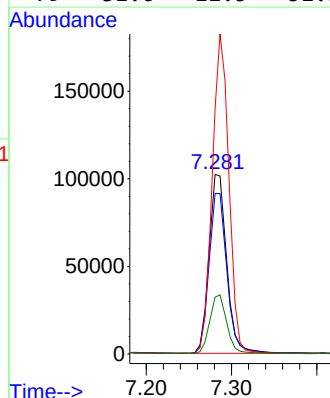
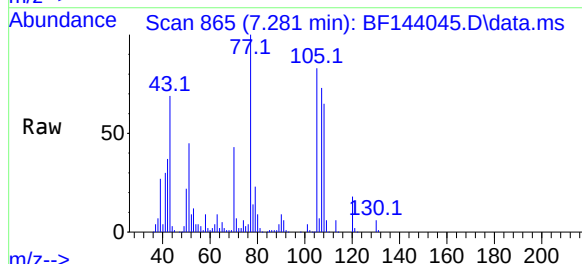
Ion Ratio Lower Upper

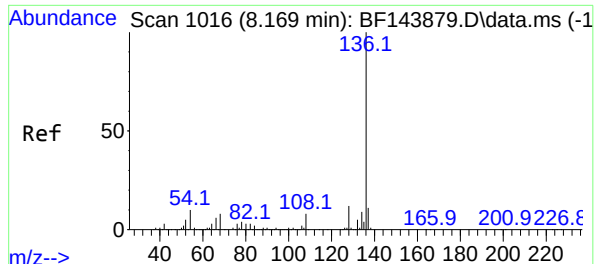
107 100

108 89.3 73.0 113.0

77 136.5 64.6 104.6#

79 31.6 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: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:136 Resp: 201418

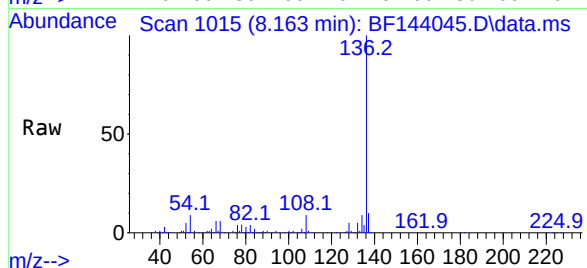
Ion Ratio Lower Upper

136 100

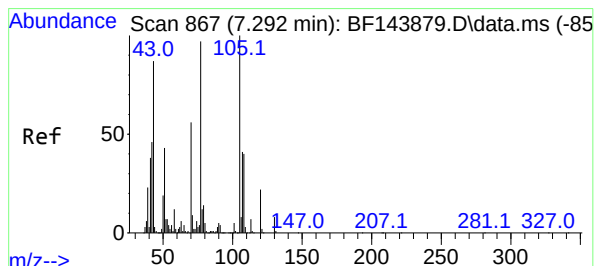
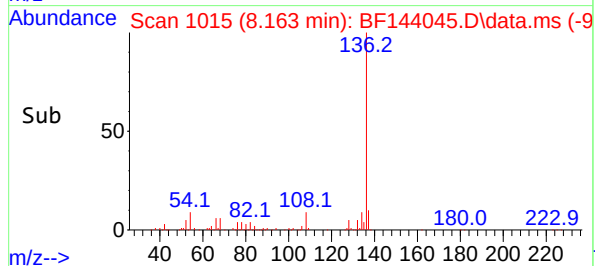
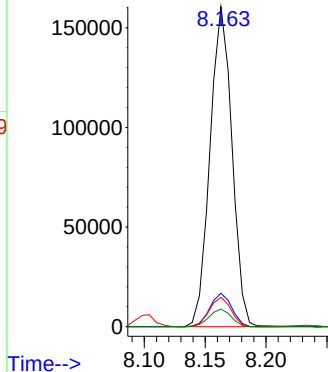
137 10.4 8.5 12.7

54 9.2 8.2 12.4

68 5.5 6.2 9.4#



Abundance



#22

Acetophenone

Concen: 53.660 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:105 Resp: 228530

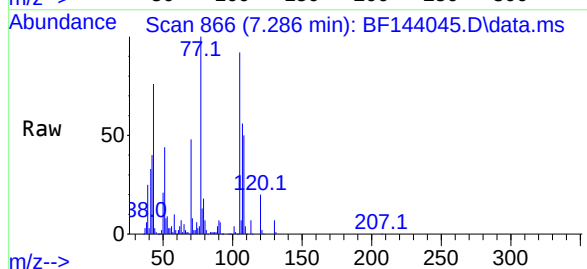
Ion Ratio Lower Upper

105 100

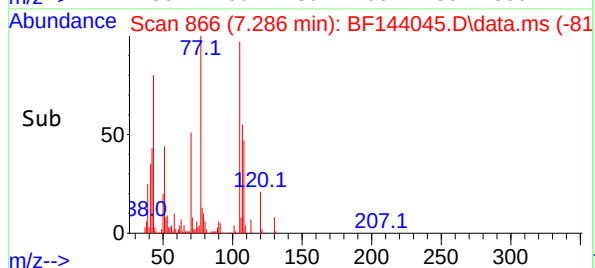
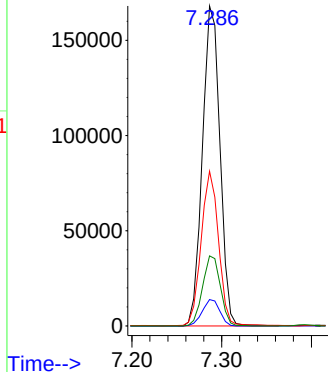
71 8.3 7.4 11.0

51 48.3 34.2 51.4

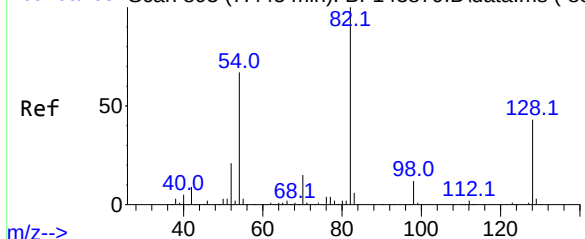
120 21.9 17.7 26.5



Abundance



Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 66.465 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

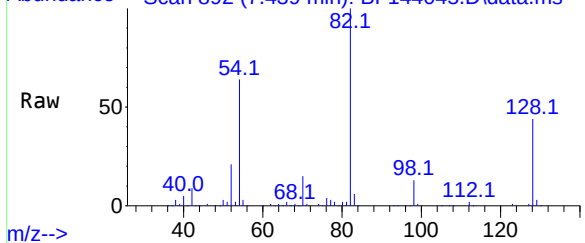
ClientSampleId :

COMP-ROLLOFFMS

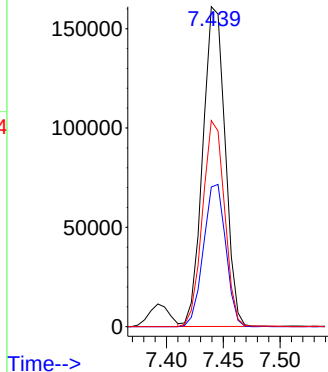
Tgt Ion: 82 Resp: 220349

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	64.4	53.2	79.8

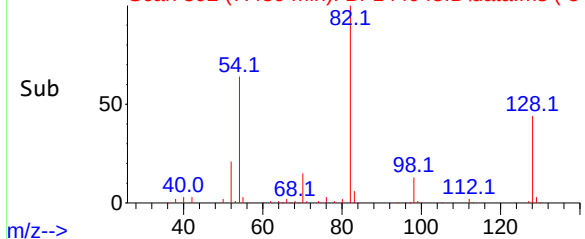
Abundance Scan 892 (7.439 min): BF144045.D\data.ms



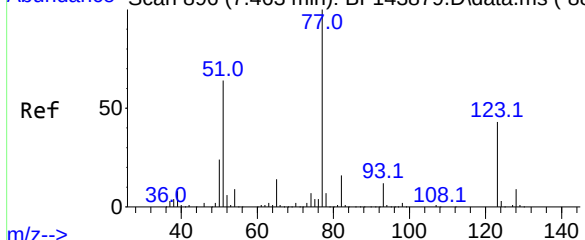
Abundance



Abundance Scan 892 (7.439 min): BF144045.D\data.ms (-84



Abundance Scan 896 (7.463 min): BF143879.D\data.ms (-88



#24

Nitrobenzene

Concen: 48.944 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

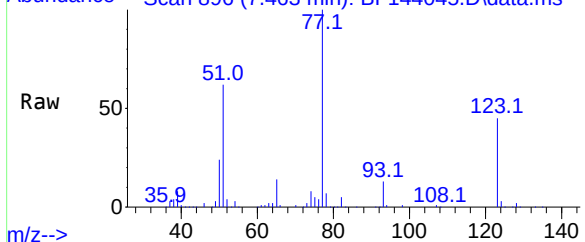
Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

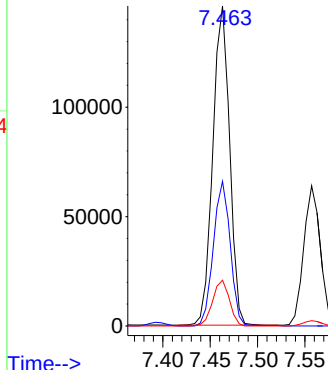
Tgt Ion: 77 Resp: 180195

Ion	Ratio	Lower	Upper
77	100		
123	45.2	34.2	51.4
65	14.3	11.0	16.6

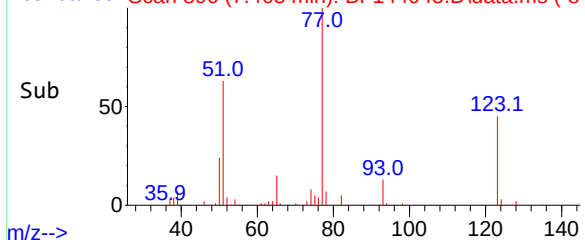
Abundance Scan 896 (7.463 min): BF144045.D\data.ms



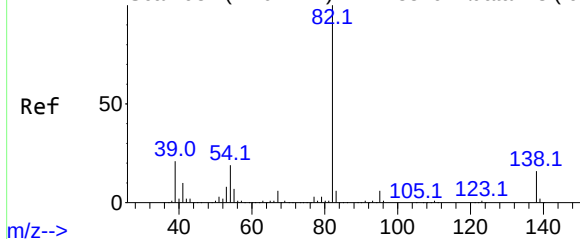
Abundance



Abundance Scan 896 (7.463 min): BF144045.D\data.ms (-84



Abundance Scan 937 (7.704 min): BF143879.D\data.ms (-93



#25

Isophorone

Concen: 45.004 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.024 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 82 Resp: 314598

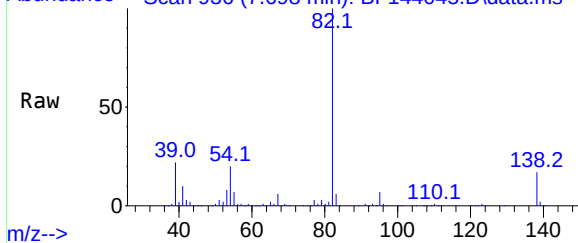
Ion Ratio Lower Upper

82 100

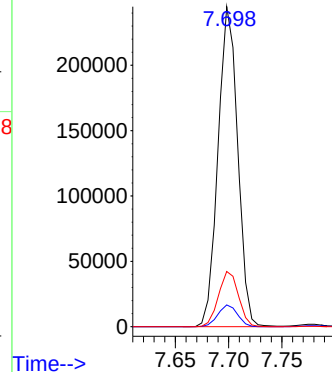
95 6.8 5.1 7.7

138 17.3 12.9 19.3

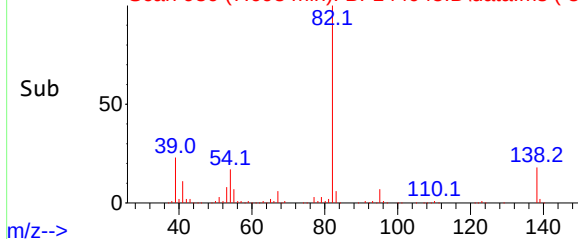
Abundance Scan 936 (7.698 min): BF144045.D\data.ms



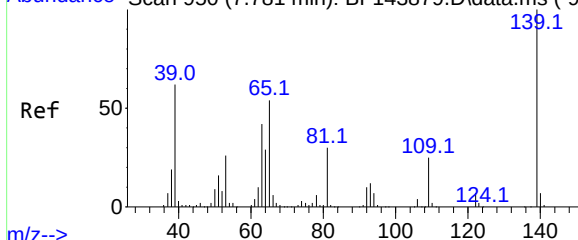
Abundance



Abundance Scan 936 (7.698 min): BF144045.D\data.ms (-88



Abundance Scan 950 (7.781 min): BF143879.D\data.ms (-94



#26

2-Nitrophenol

Concen: 55.085 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:139 Resp: 86948

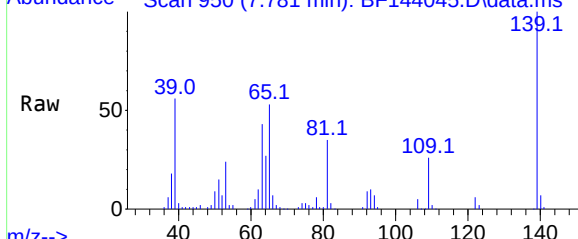
Ion Ratio Lower Upper

139 100

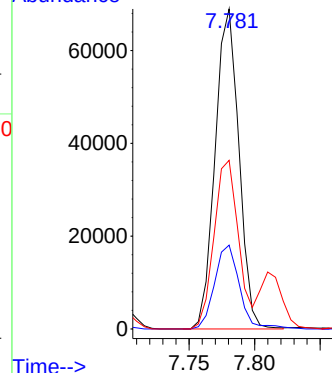
109 26.2 19.8 29.6

65 52.7 42.9 64.3

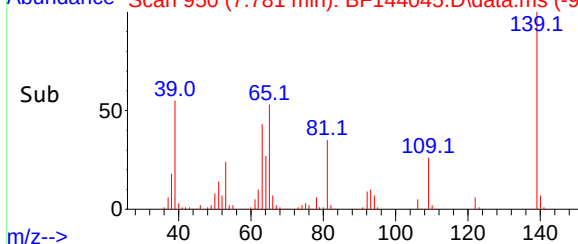
Abundance Scan 950 (7.781 min): BF144045.D\data.ms



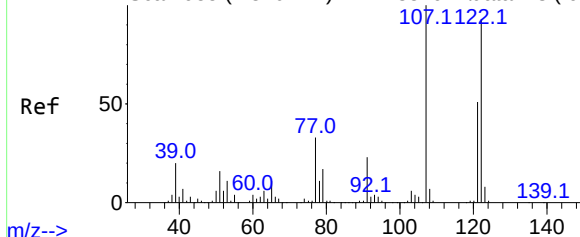
Abundance



Abundance Scan 950 (7.781 min): BF144045.D\data.ms (-90

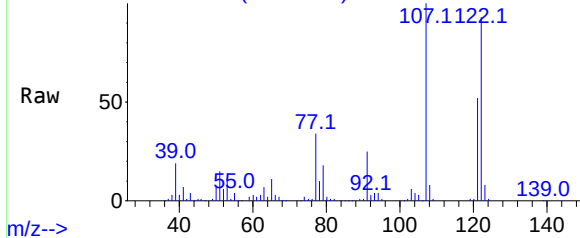


Abundance Scan 955 (7.810 min): BF143879.D\data.ms (-94



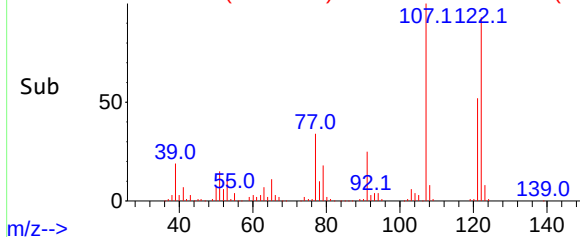
m/z-->

Abundance Scan 955 (7.810 min): BF144045.D\data.ms



m/z-->

Abundance Scan 955 (7.810 min): BF144045.D\data.ms (-90



m/z-->

#27

2,4-Dimethylphenol

Concen: 51.334 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:122 Resp: 145756

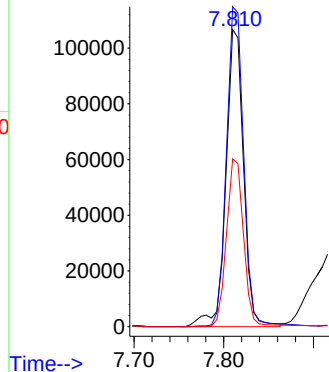
Ion Ratio Lower Upper

122 100

107 107.7 86.1 129.1

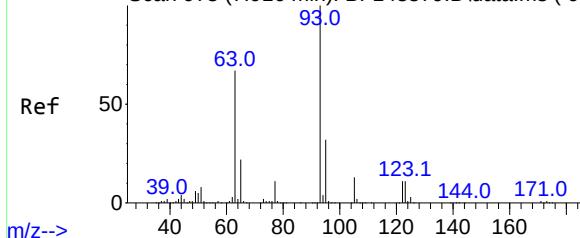
121 56.5 43.8 65.6

Abundance



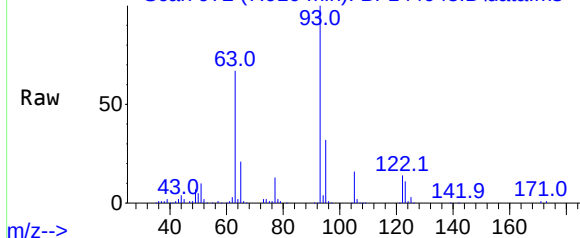
Time-->

Abundance Scan 973 (7.916 min): BF143879.D\data.ms (-96



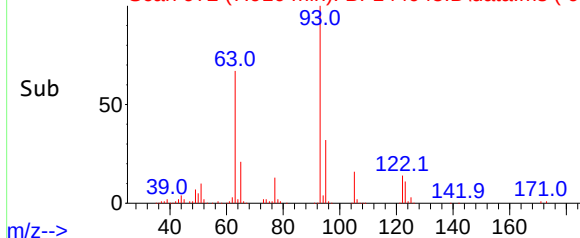
m/z-->

Abundance Scan 972 (7.910 min): BF144045.D\data.ms



m/z-->

Abundance Scan 972 (7.910 min): BF144045.D\data.ms (-92



m/z-->

#28

bis(2-Chloroethoxy)methane

Concen: 44.746 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion: 93 Resp: 197585

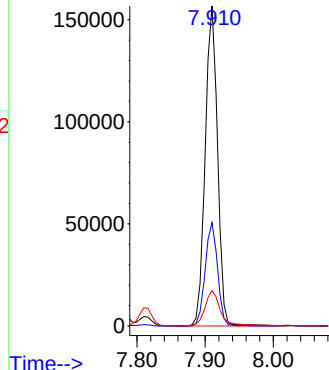
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

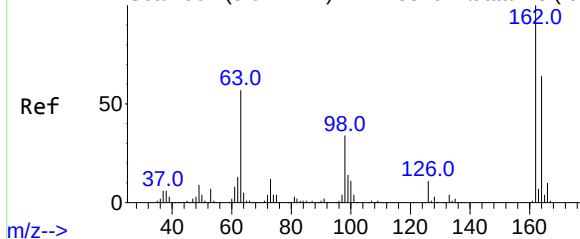
123 11.1 9.4 14.0

Abundance



Time-->

Abundance Scan 991 (8.022 min): BF143879.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 49.894 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:162 Resp: 147567

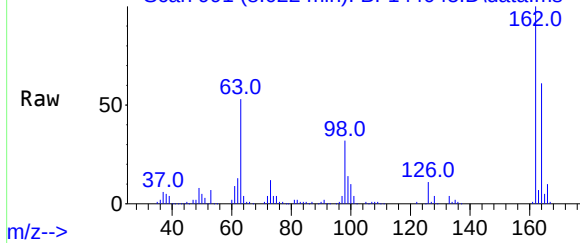
Ion Ratio Lower Upper

162 100

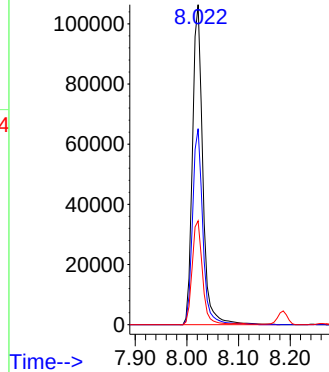
164 61.2 43.9 83.9

98 32.5 14.4 54.4

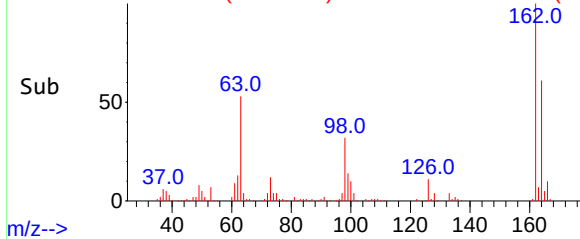
Abundance Scan 991 (8.022 min): BF144045.D\data.ms



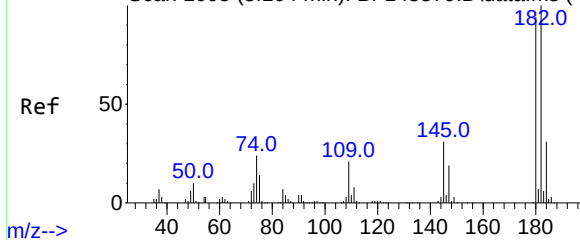
Abundance



Abundance Scan 991 (8.022 min): BF144045.D\data.ms (-94



Abundance Scan 1005 (8.104 min): BF143879.D\data.ms (-9



#30

1,2,4-Trichlorobenzene

Concen: 53.285 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:180 Resp: 154993

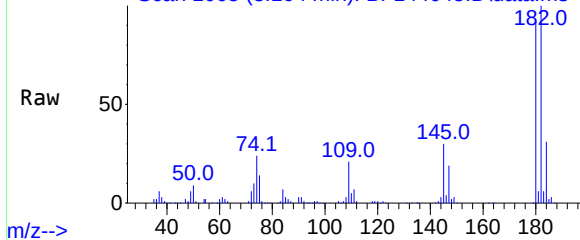
Ion Ratio Lower Upper

180 100

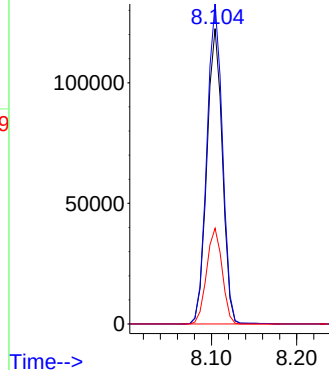
182 108.3 85.4 128.0

145 32.4 26.3 39.5

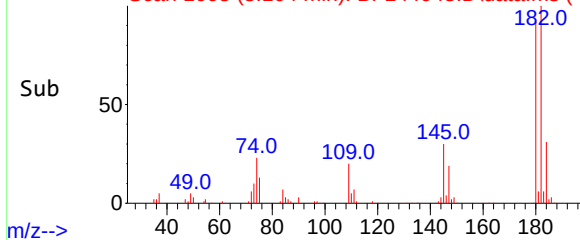
Abundance Scan 1005 (8.104 min): BF144045.D\data.ms

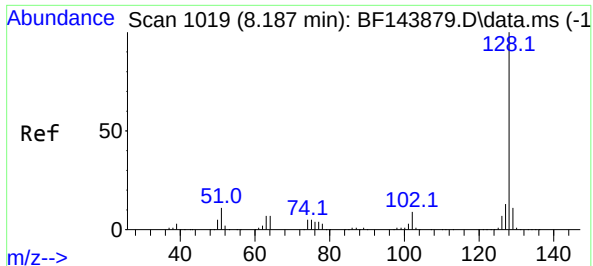


Abundance



Abundance Scan 1005 (8.104 min): BF144045.D\data.ms (-9





#31

Naphthalene

Concen: 48.772 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

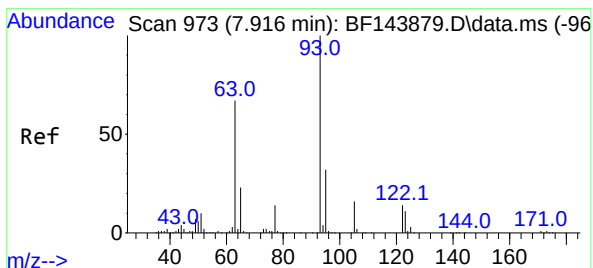
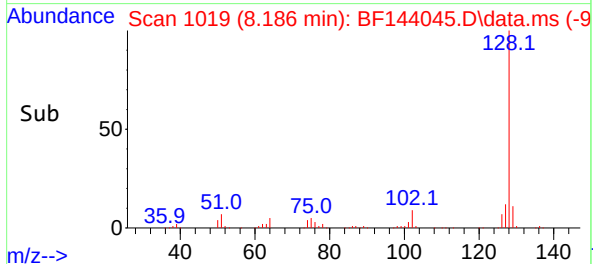
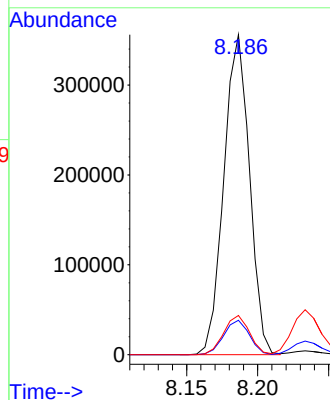
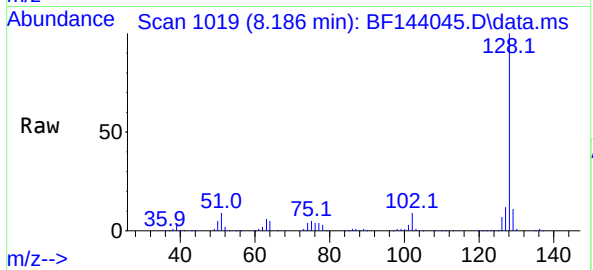
Tgt Ion:128 Resp: 446863

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 12.2 10.0 15.0



#32

Benzoic acid

Concen: 43.621 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

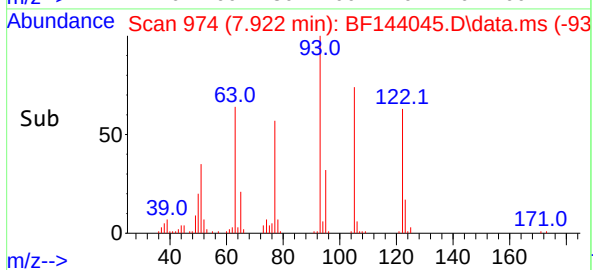
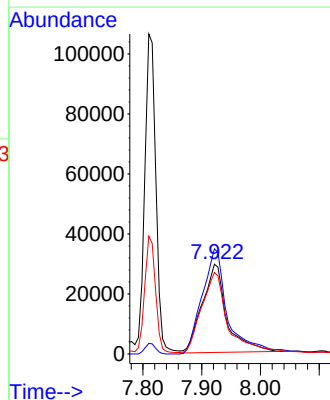
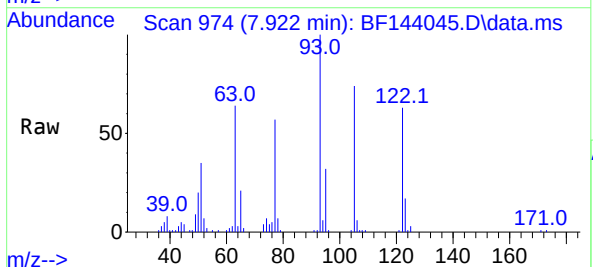
Tgt Ion:122 Resp: 85718

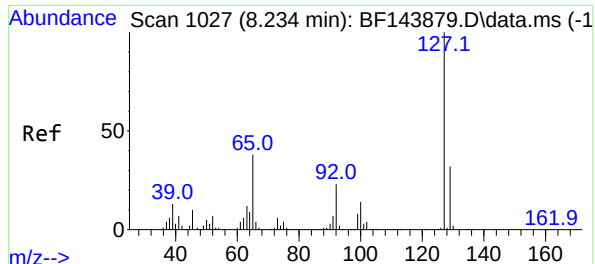
Ion Ratio Lower Upper

122 100

105 117.1 93.5 133.5

77 90.7 76.3 116.3





#33

4-Chloroaniline

Concen: 20.991 ng

RT: 8.233 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:127 Resp: 72133

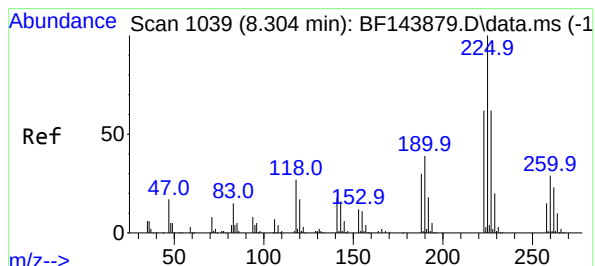
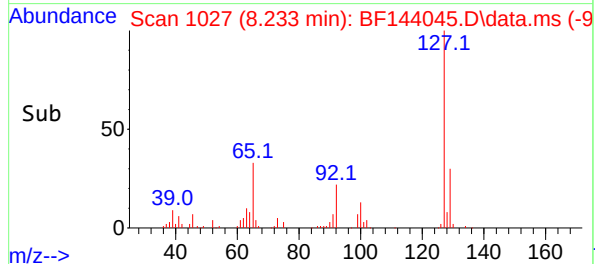
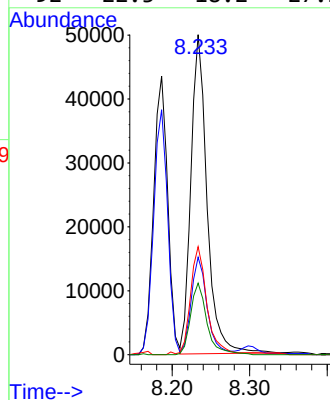
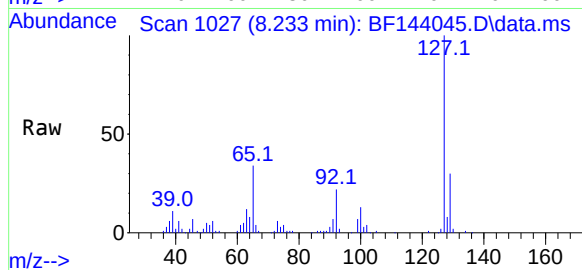
Ion Ratio Lower Upper

127 100

129 30.4 25.8 38.8

65 33.7 30.0 45.0

92 22.3 18.2 27.2



#34

Hexachlorobutadiene

Concen: 54.205 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

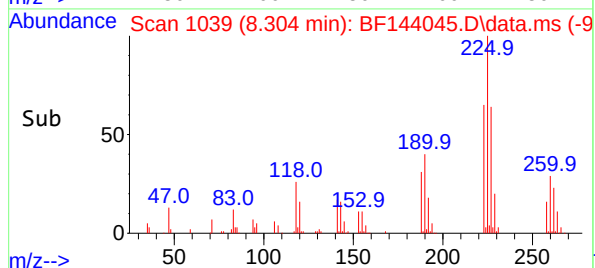
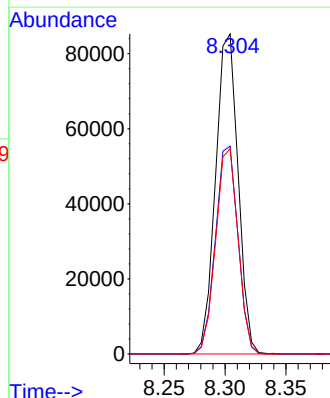
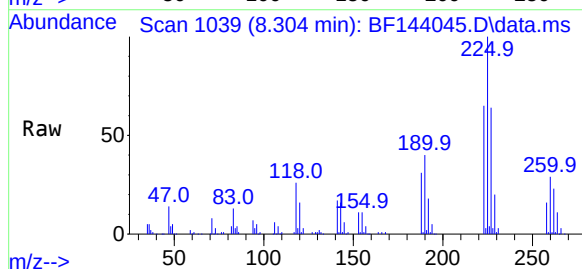
Tgt Ion:225 Resp: 109564

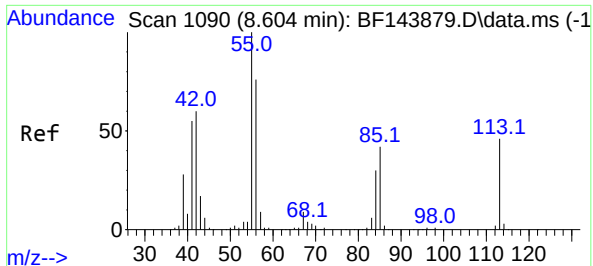
Ion Ratio Lower Upper

225 100

223 65.0 49.4 74.2

227 64.1 49.7 74.5

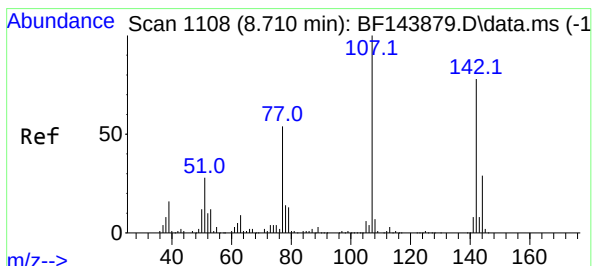
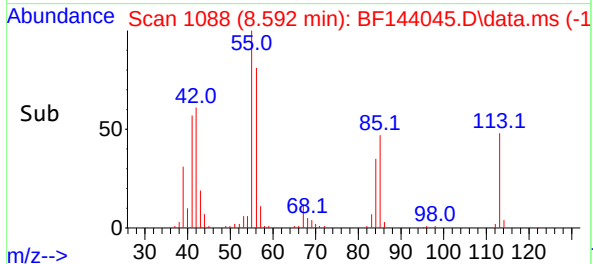
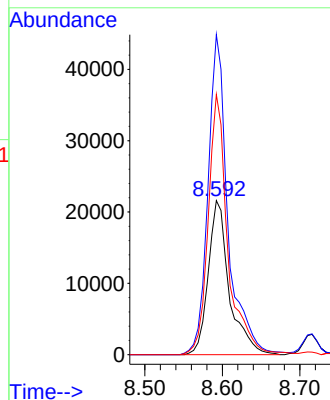
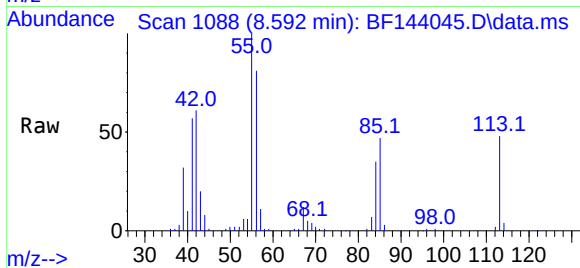




#35
Caprolactam
Concen: 43.381 ng
RT: 8.592 min Scan# 1109
Delta R.T. -0.053 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

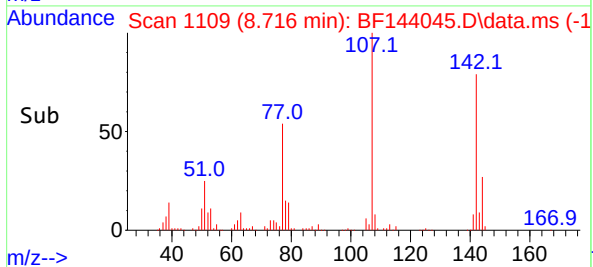
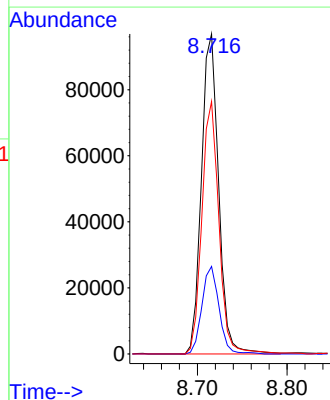
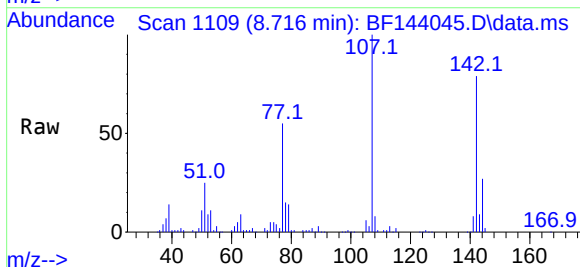
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

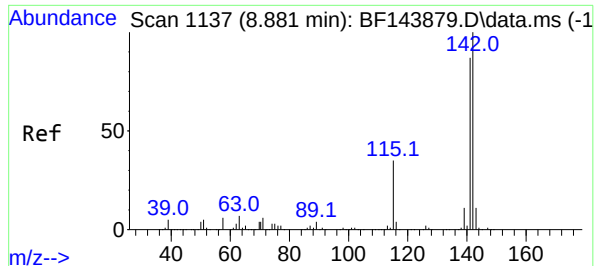
Tgt Ion:113 Resp: 40795
Ion Ratio Lower Upper
113 100
55 207.7 199.6 239.6
56 168.8 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 45.419 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:107 Resp: 129035
Ion Ratio Lower Upper
107 100
144 27.4 23.1 34.7
142 78.9 62.6 94.0





#37

2-Methylnaphthalene

Concen: 43.377 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

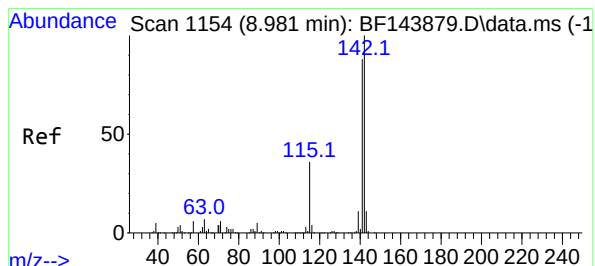
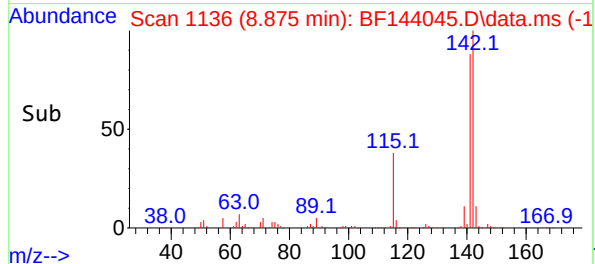
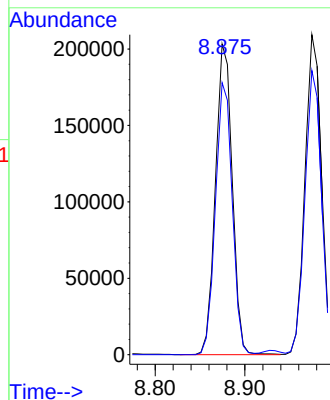
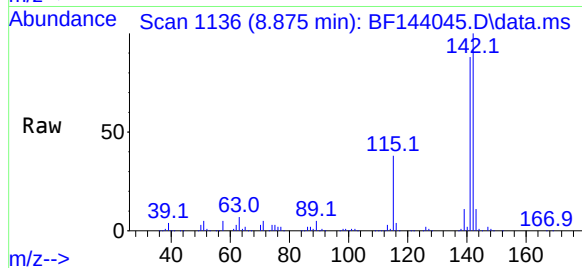
COMP-ROLLOFFMS

Tgt Ion:142 Resp: 264741

Ion Ratio Lower Upper

142 100

141 87.6 69.2 103.8



#38

1-Methylnaphthalene

Concen: 44.799 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF144045.D

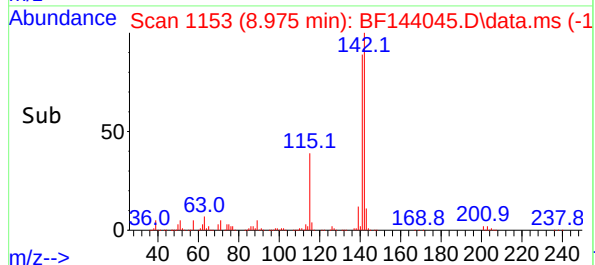
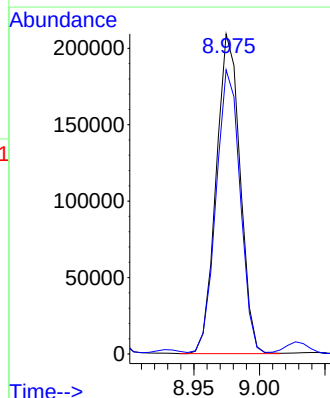
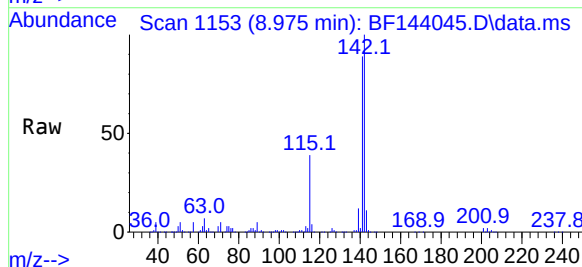
Acq: 22 Oct 2025 16:48

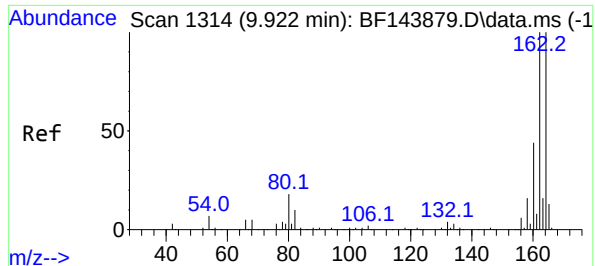
Tgt Ion:142 Resp: 265211

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

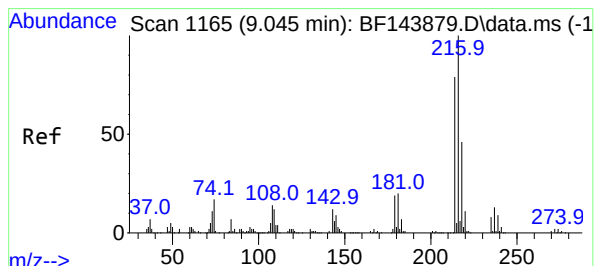
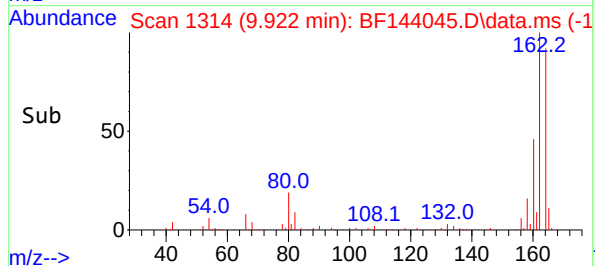
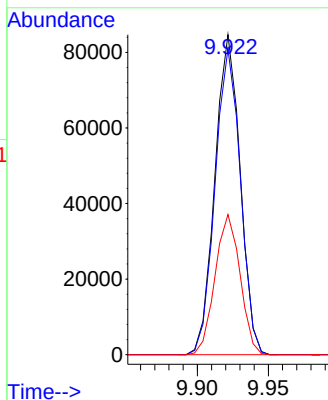
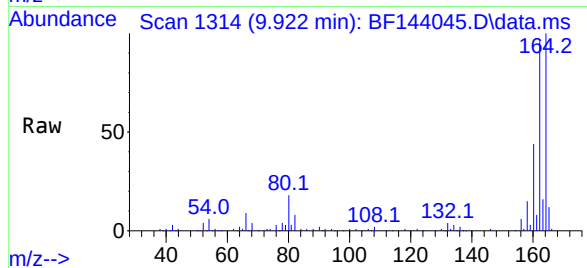
Tgt Ion:164 Resp: 104489

Ion Ratio Lower Upper

164 100

162 95.6 80.2 120.2

160 43.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.841 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:216 Resp: 167040

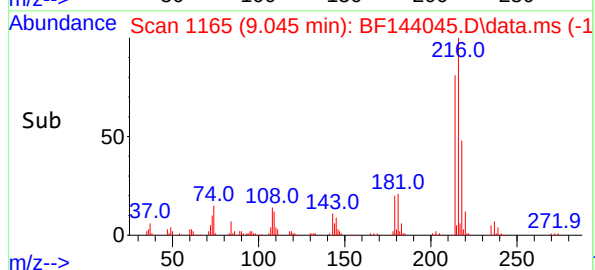
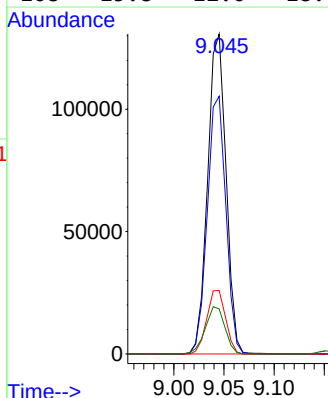
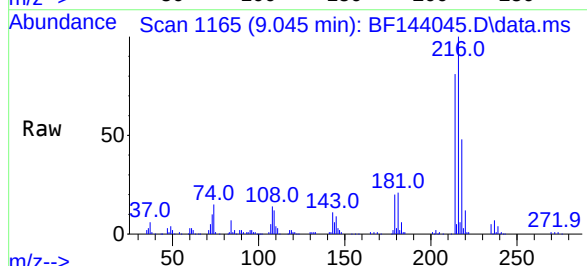
Ion Ratio Lower Upper

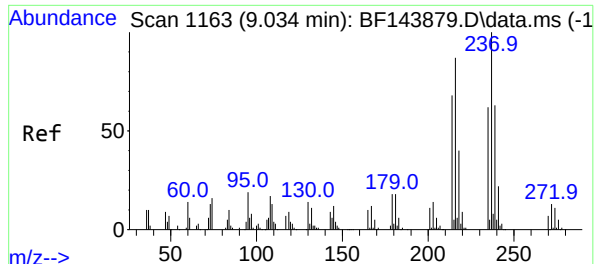
216 100

214 81.4 62.6 94.0

179 20.3 15.4 23.0

108 15.8 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 66.354 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

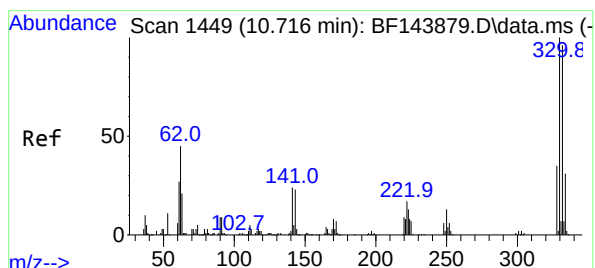
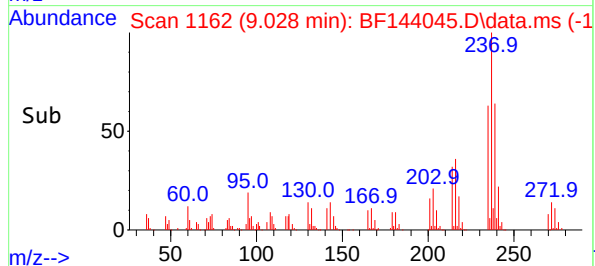
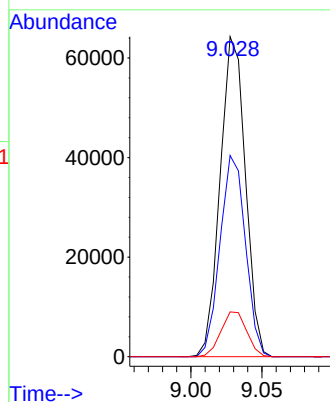
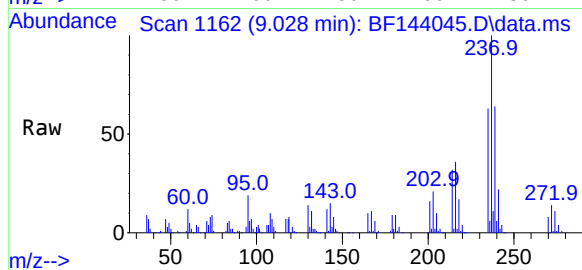
Tgt Ion:237 Resp: 79498

Ion Ratio Lower Upper

237 100

235 62.9 42.3 82.3

272 14.0 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 104.008 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

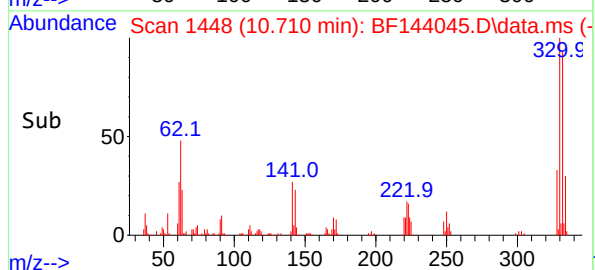
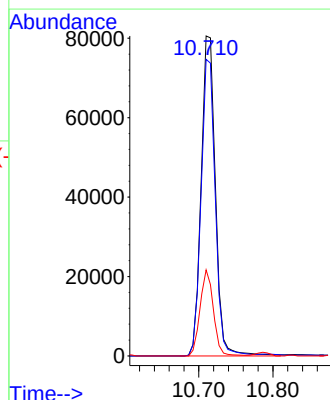
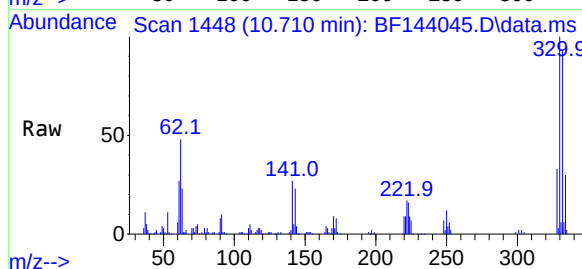
Tgt Ion:330 Resp: 108244

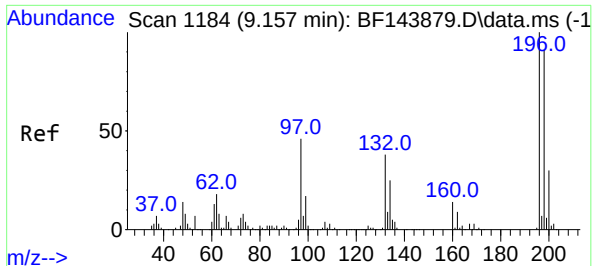
Ion Ratio Lower Upper

330 100

332 92.1 76.9 115.3

141 25.1 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 48.861 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

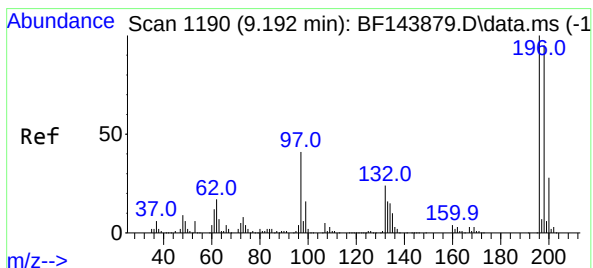
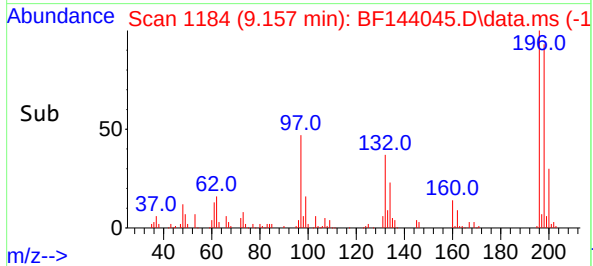
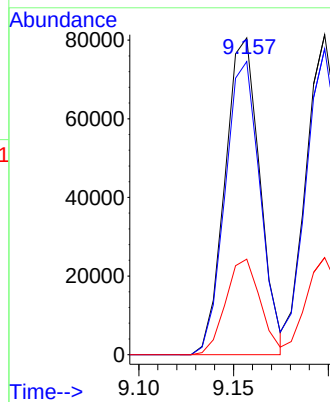
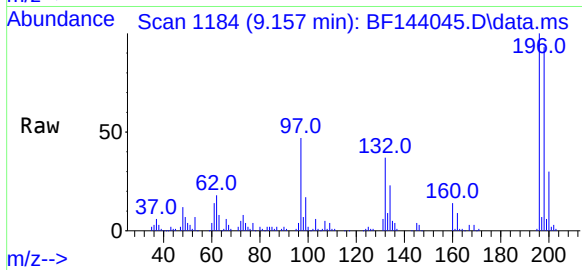
Tgt Ion:196 Resp: 103102

Ion Ratio Lower Upper

196 100

198 92.5 72.8 109.2

200 30.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.598 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:196 Resp: 110597

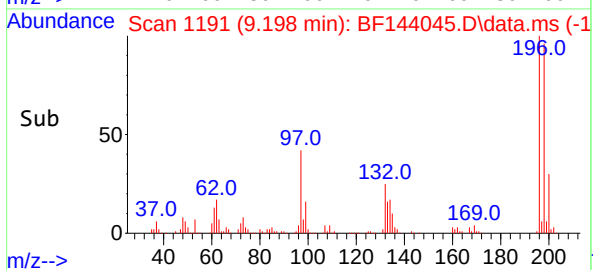
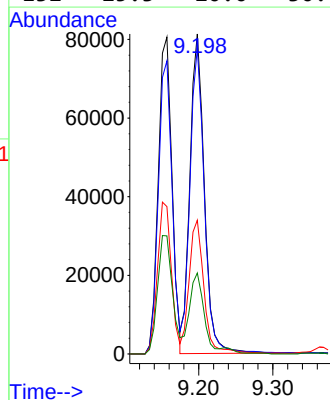
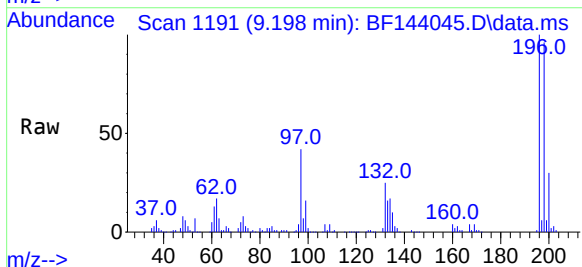
Ion Ratio Lower Upper

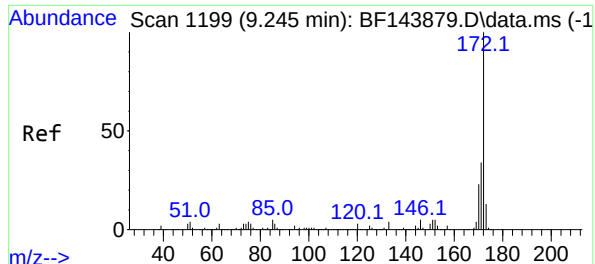
196 100

198 95.6 75.5 113.3

97 41.8 33.9 50.9

132 25.3 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 64.849 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

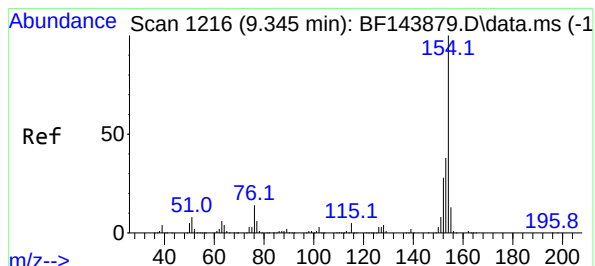
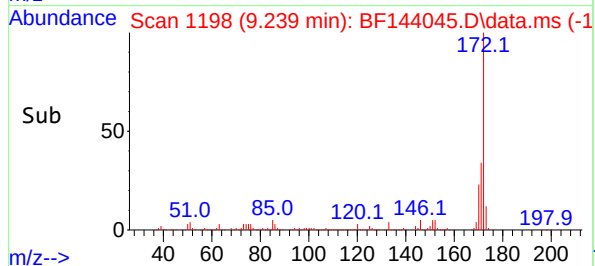
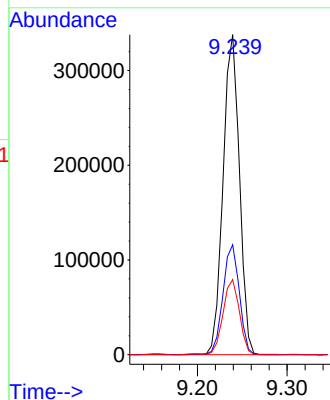
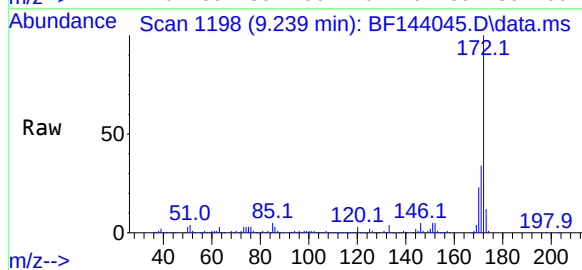
Tgt Ion:172 Resp: 427039

Ion Ratio Lower Upper

172 100

171 34.4 27.4 41.0

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 54.816 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

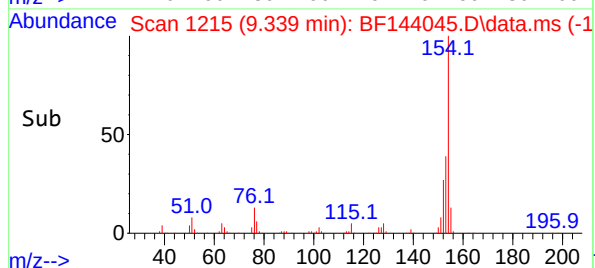
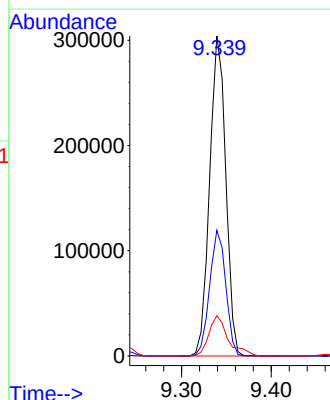
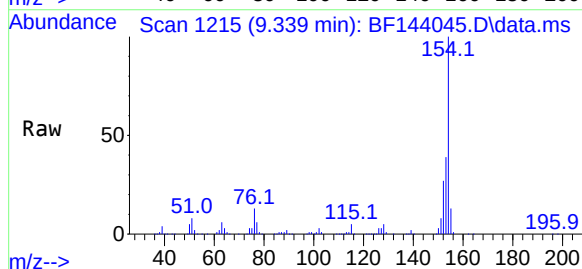
Tgt Ion:154 Resp: 379219

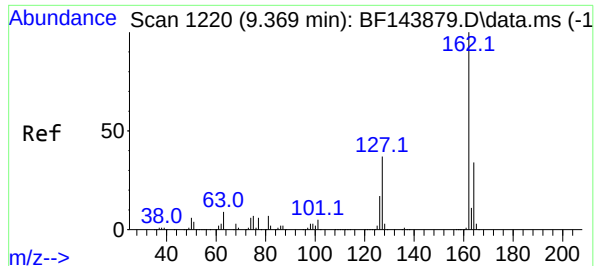
Ion Ratio Lower Upper

154 100

153 39.2 18.4 58.4

76 12.6 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.473 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

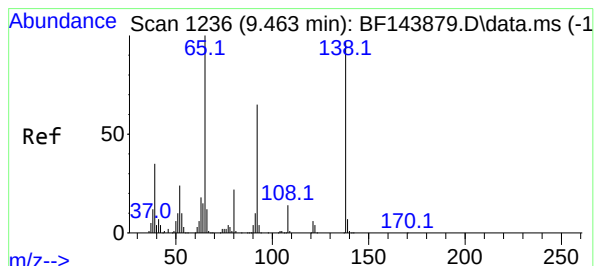
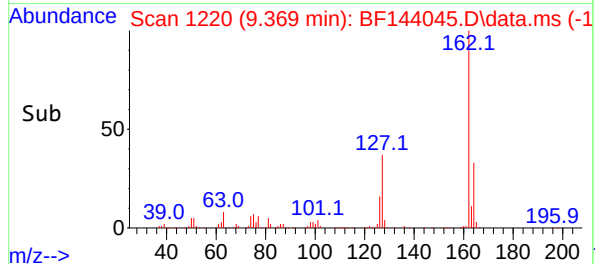
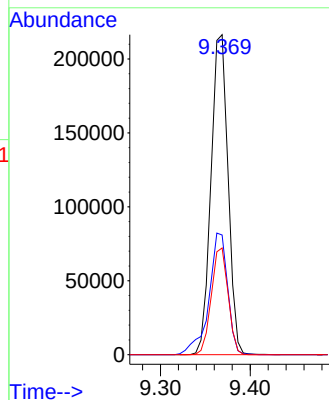
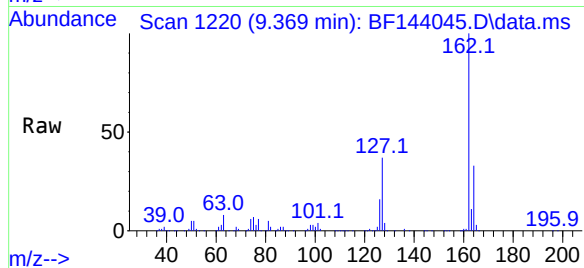
Tgt Ion:162 Resp: 285360

Ion Ratio Lower Upper

162 100

127 37.4 30.2 45.2

164 33.4 26.9 40.3



#48

2-Nitroaniline

Concen: 48.317 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

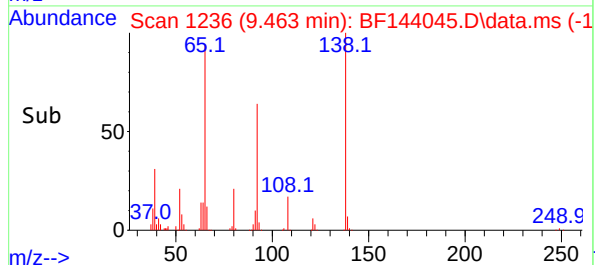
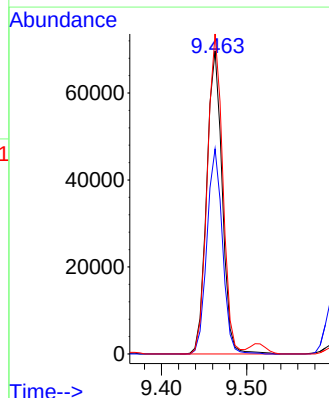
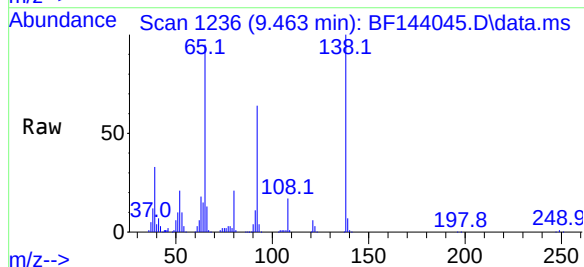
Tgt Ion: 65 Resp: 88111

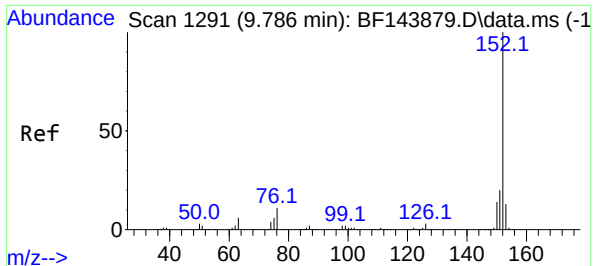
Ion Ratio Lower Upper

65 100

92 67.7 52.1 78.1

138 105.6 77.4 116.2





#49

Acenaphthylene

Concen: 54.086 ng

RT: 9.780 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

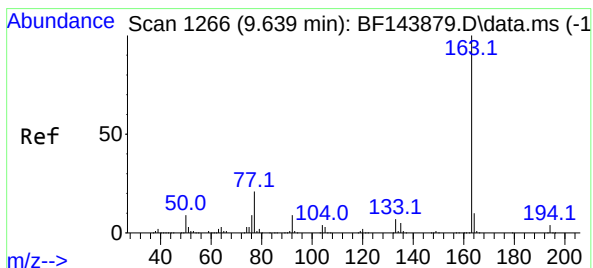
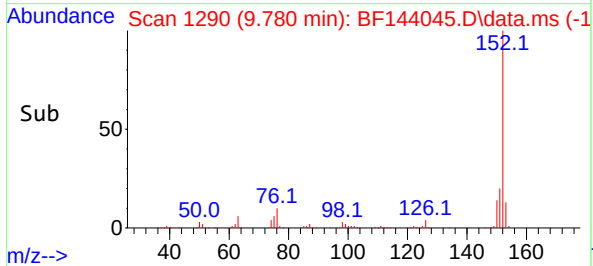
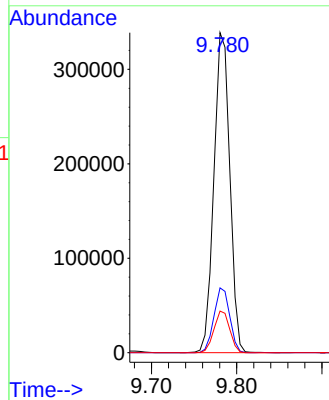
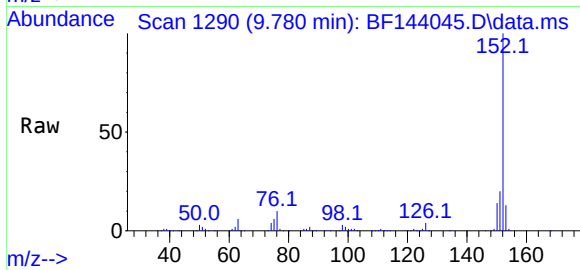
Tgt Ion:152 Resp: 438583

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.6

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 48.780 ng

RT: 9.639 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

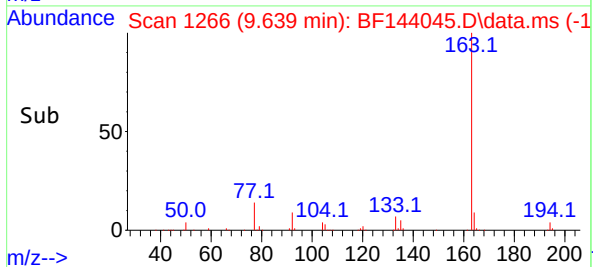
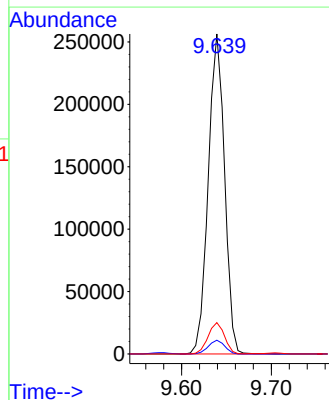
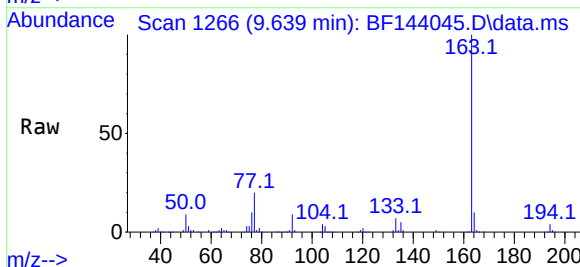
Tgt Ion:163 Resp: 323677

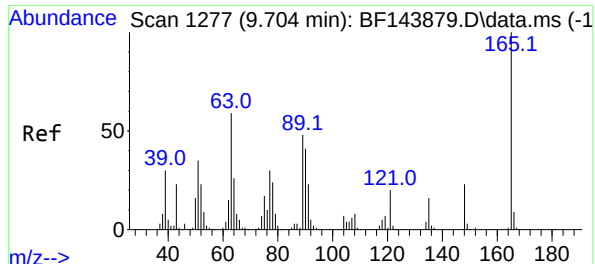
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 57.022 ng

RT: 9.704 min Scan# 1277

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

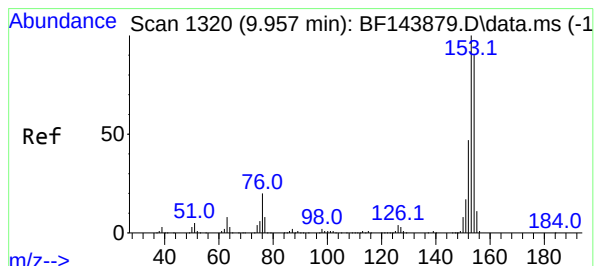
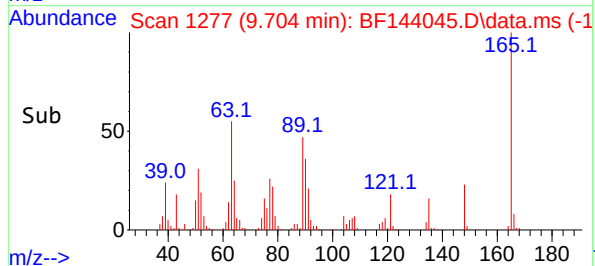
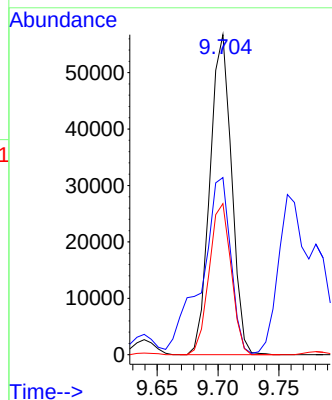
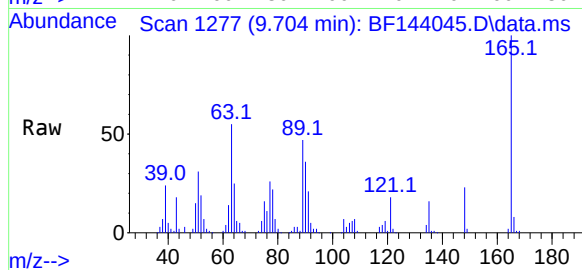
Tgt Ion:165 Resp: 70161

Ion Ratio Lower Upper

165 100

63 55.4 47.3 70.9

89 47.2 38.2 57.4



#52

Acenaphthene

Concen: 49.847 ng

RT: 9.957 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

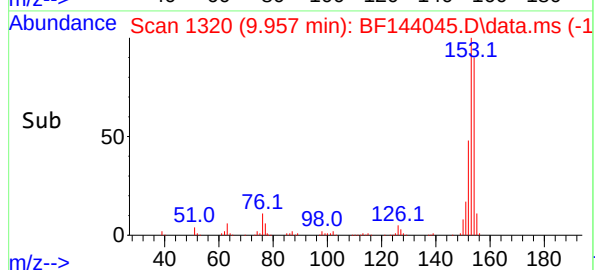
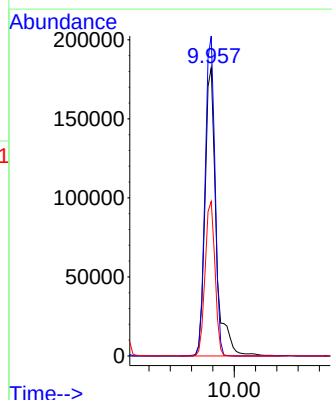
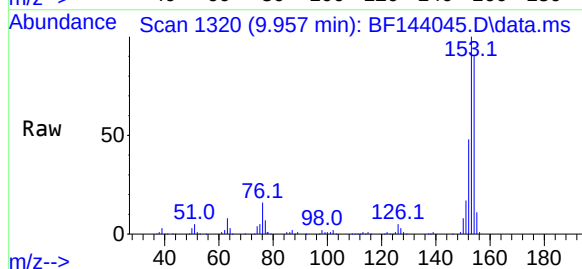
Tgt Ion:154 Resp: 264864

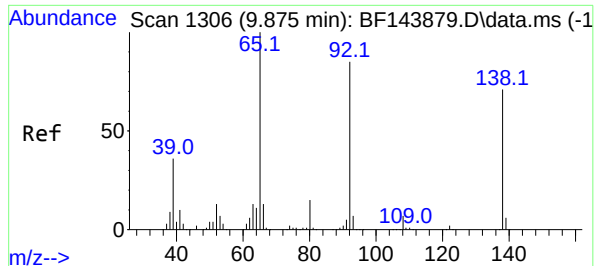
Ion Ratio Lower Upper

154 100

153 111.0 89.3 133.9

152 53.6 42.2 63.2





#53

3-Nitroaniline

Concen: 35.346 ng

RT: 9.875 min Scan# 1306

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

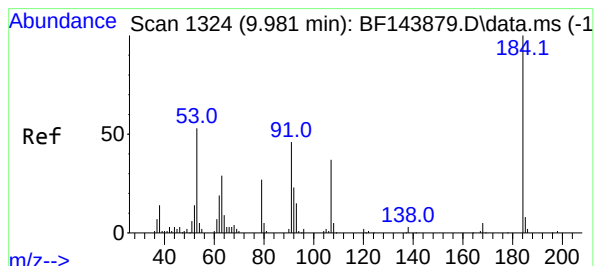
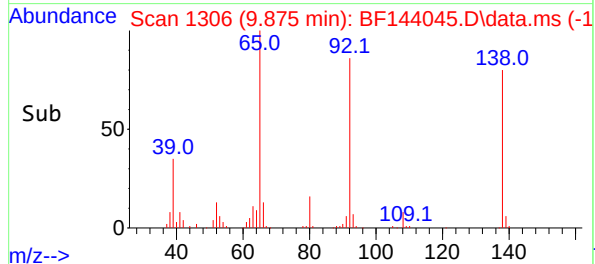
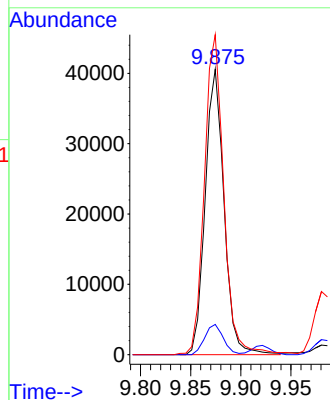
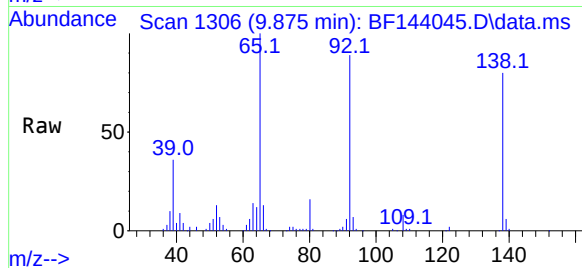
Tgt Ion:138 Resp: 53252

Ion Ratio Lower Upper

138 100

108 10.6 8.3 12.5

92 112.1 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 77.012 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

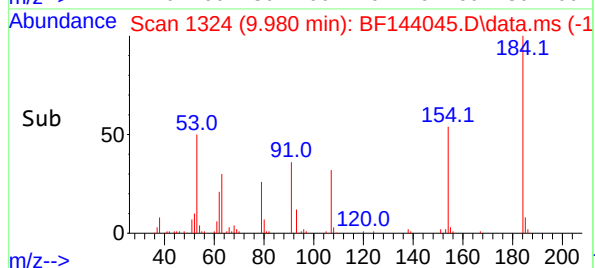
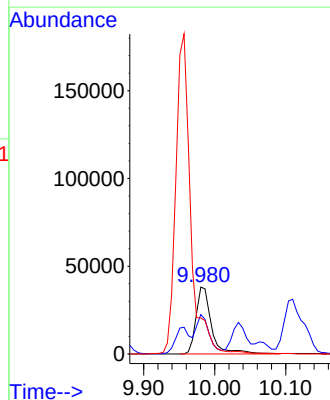
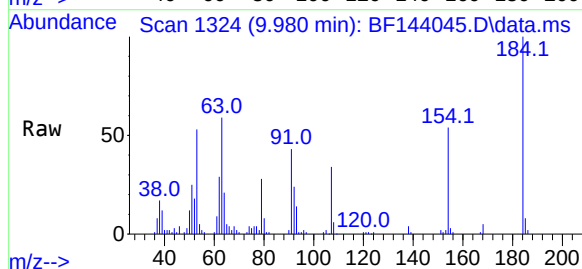
Tgt Ion:184 Resp: 58234

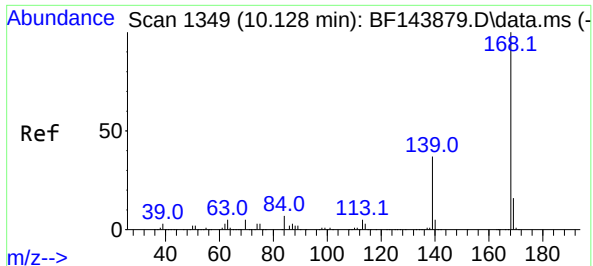
Ion Ratio Lower Upper

184 100

63 58.8 48.2 72.4

154 53.9 49.2 73.8





#55

Dibenzenofuran

Concen: 47.784 ng

RT: 10.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

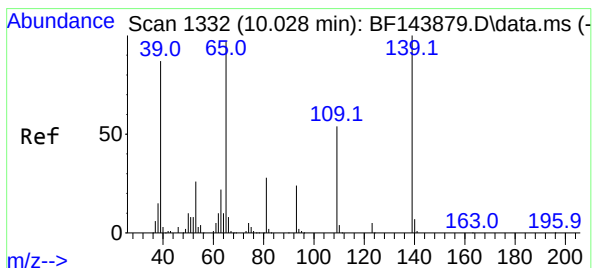
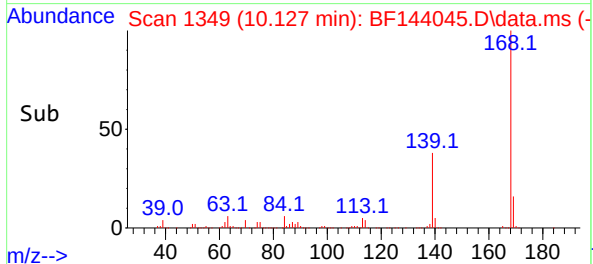
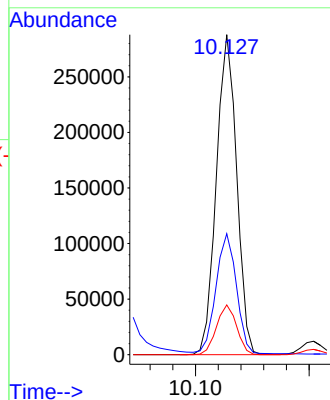
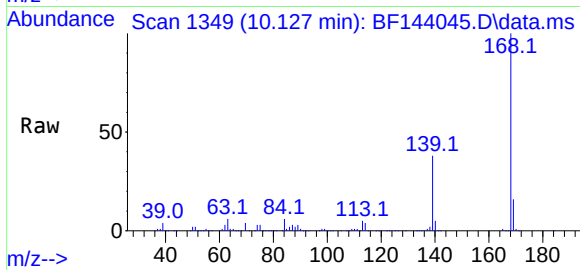
Tgt Ion:168 Resp: 358411

Ion Ratio Lower Upper

168 100

139 37.8 29.8 44.8

169 15.6 12.8 19.2



#56

4-Nitrophenol

Concen: 82.938 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

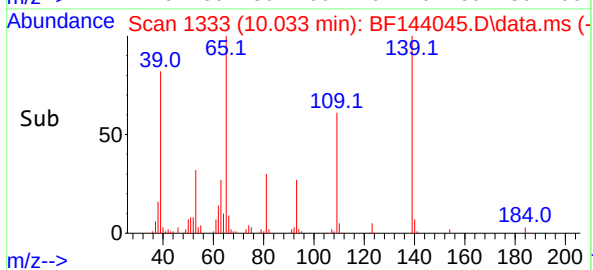
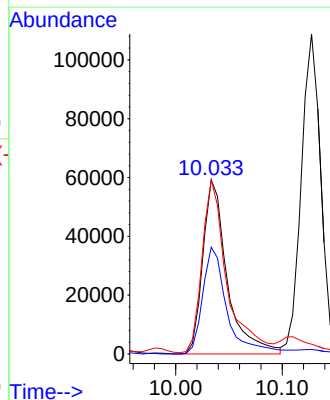
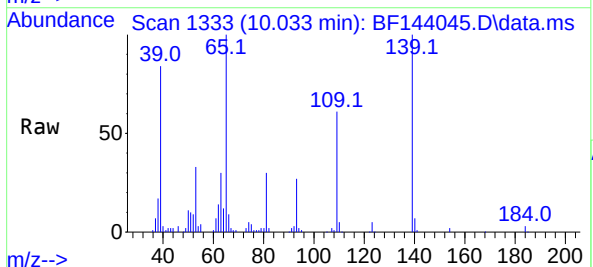
Tgt Ion:139 Resp: 94611

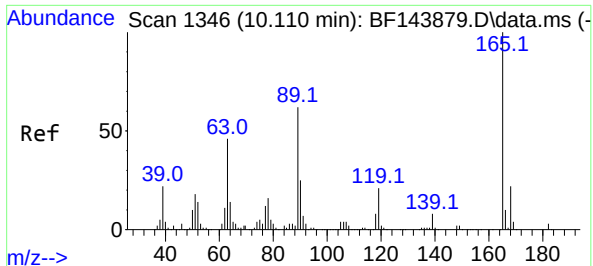
Ion Ratio Lower Upper

139 100

109 61.3 34.5 74.5

65 100.0 77.6 117.6

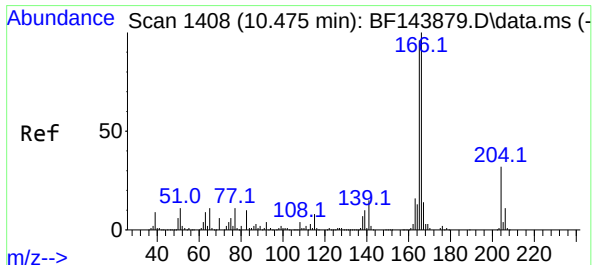
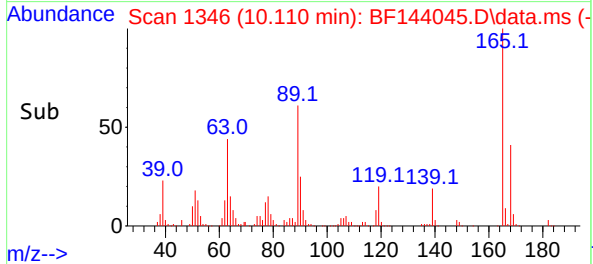
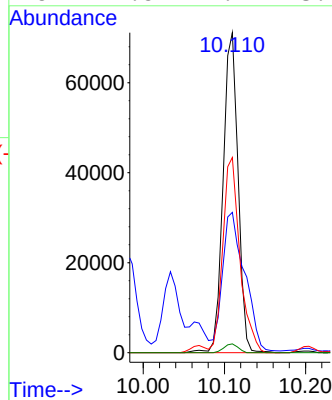
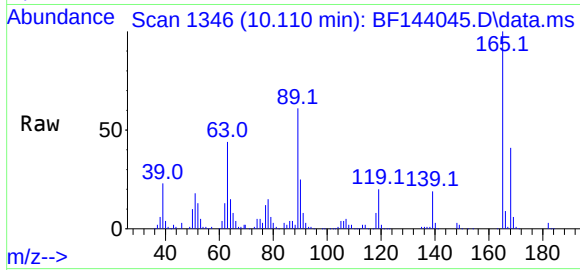




#57
2,4-Dinitrotoluene
Concen: 54.420 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

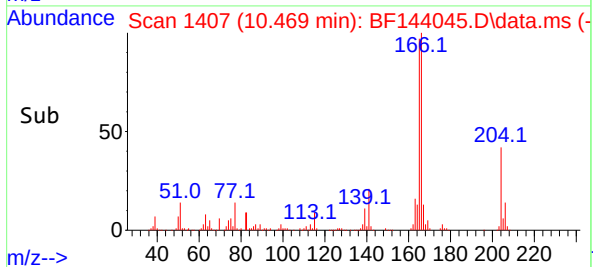
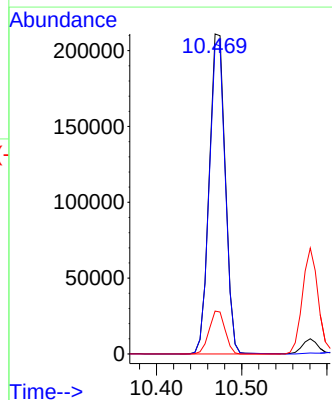
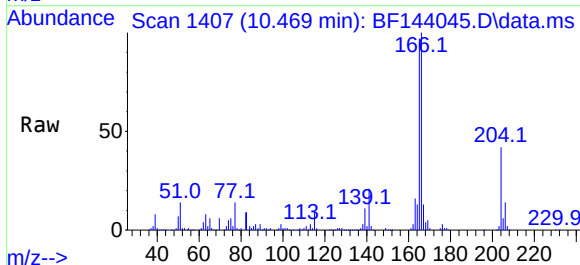
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

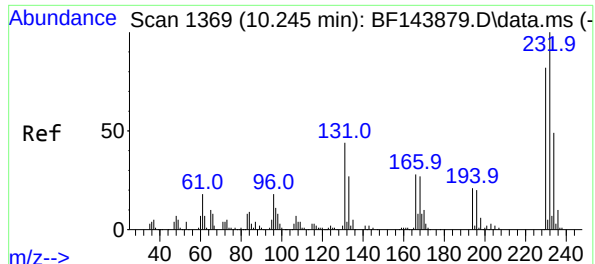
Tgt Ion:165 Resp: 91107
Ion Ratio Lower Upper
165 100
63 43.8 37.2 55.8
89 61.0 49.4 74.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 48.851 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

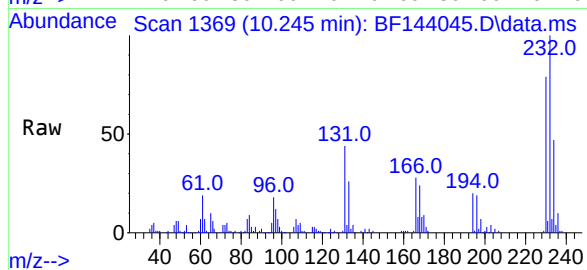
Tgt Ion:166 Resp: 276481
Ion Ratio Lower Upper
166 100
165 96.8 77.0 115.6
167 13.4 11.1 16.7



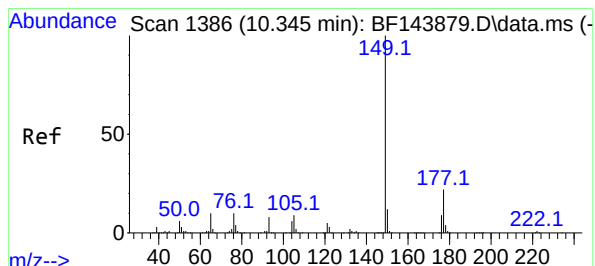
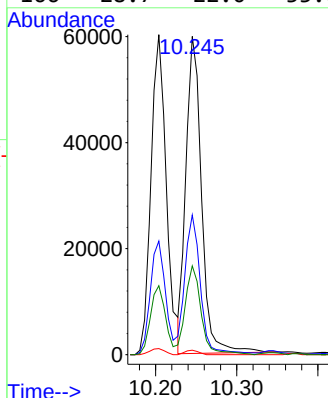
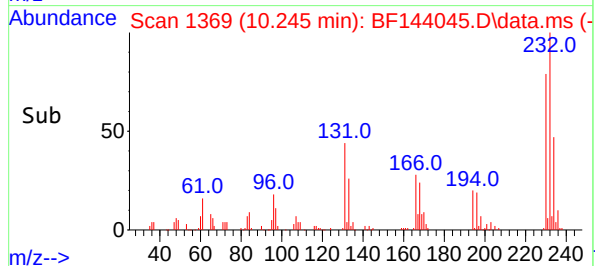


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.862 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

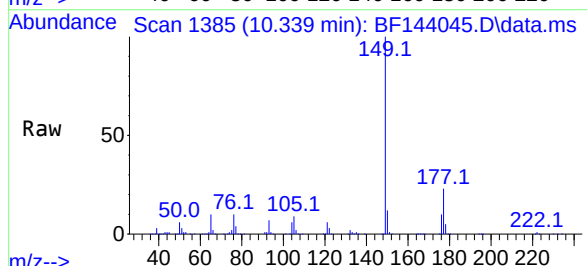
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS



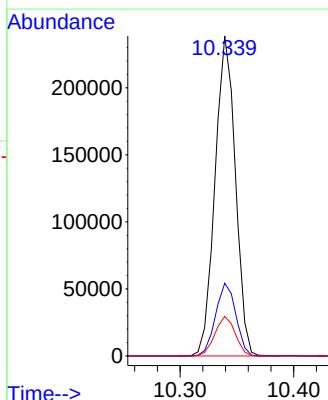
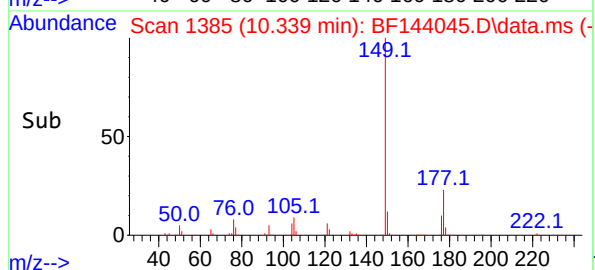
Tgt Ion:232 Resp: 80285
Ion Ratio Lower Upper
232 100
131 45.0 34.9 52.3
130 1.2 1.6 2.4#
166 28.7 22.0 33.0



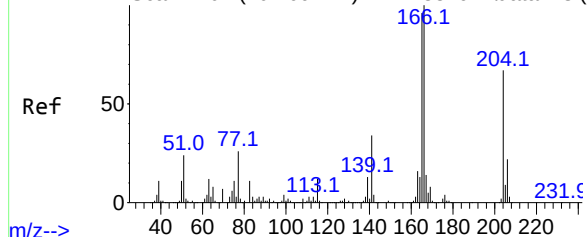
#60
Diethylphthalate
Concen: 48.264 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48



Tgt Ion:149 Resp: 297519
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.3 9.8 14.8



Abundance Scan 1407 (10.469 min): BF143879.D\data.ms (-

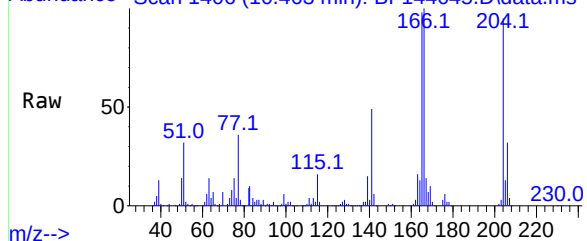


#61
4-Chlorophenyl-phenylether
Concen: 49.796 ng
RT: 10.463 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

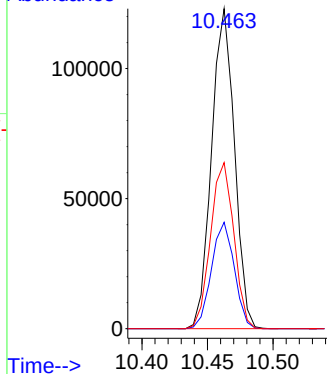
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:204 Resp: 149003
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 51.9 40.4 60.6

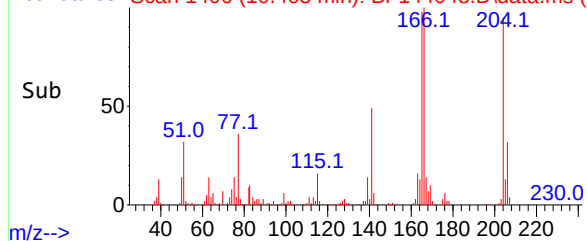
Abundance Scan 1406 (10.463 min): BF144045.D\data.ms



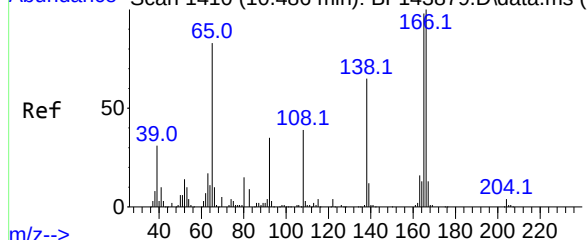
Abundance



Abundance Scan 1406 (10.463 min): BF144045.D\data.ms (-



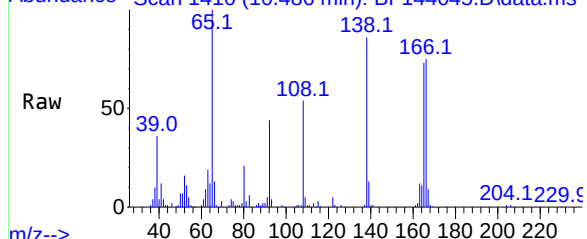
Abundance Scan 1410 (10.486 min): BF143879.D\data.ms (-



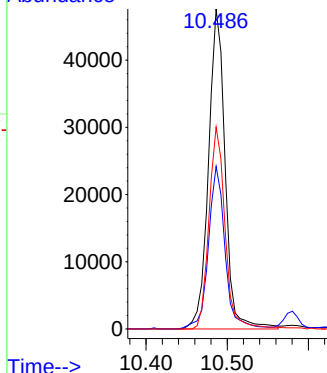
#62
4-Nitroaniline
Concen: 46.806 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:138 Resp: 67812
Ion Ratio Lower Upper
138 100
92 50.8 33.9 73.9
108 63.1 40.2 80.2

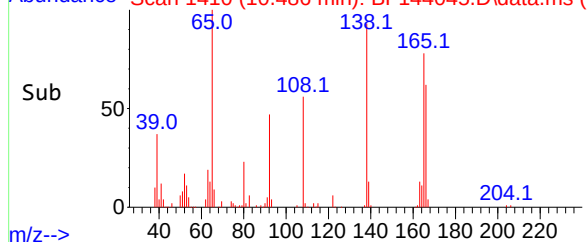
Abundance Scan 1410 (10.486 min): BF144045.D\data.ms

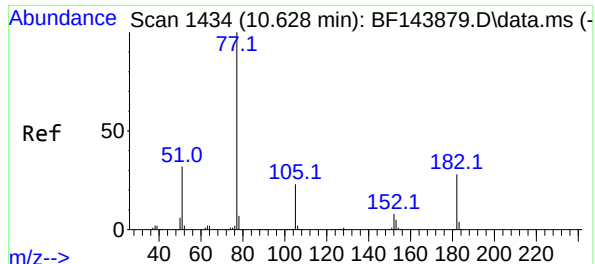


Abundance



Abundance Scan 1410 (10.486 min): BF144045.D\data.ms (-





#63

Azobenzene

Concen: 47.002 ng

RT: 10.622 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion: 77 Resp: 302817

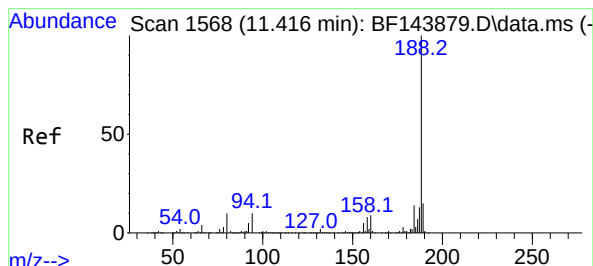
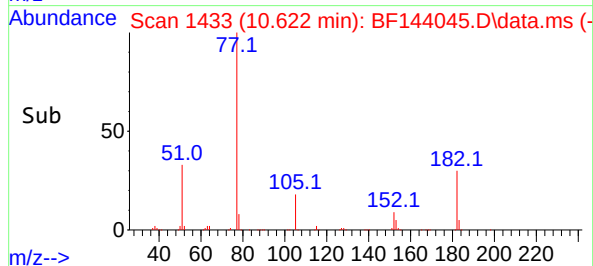
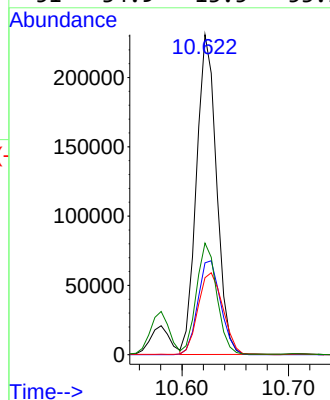
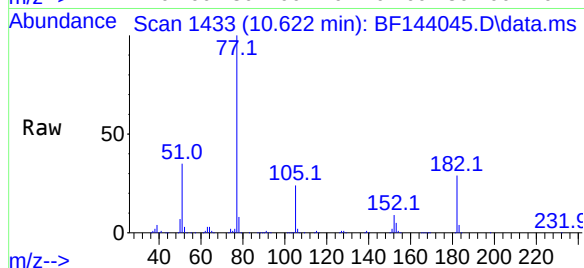
Ion Ratio Lower Upper

77 100

182 28.7 7.3 47.3

105 24.1 3.0 43.0

51 34.9 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: BF144045.D

Acq: 22 Oct 2025 16:48

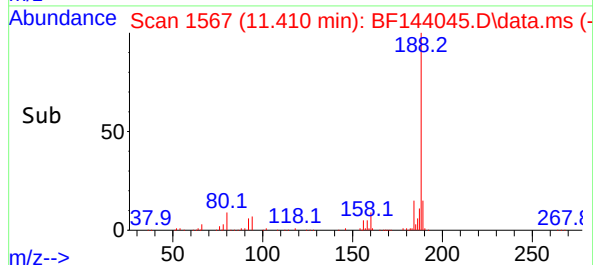
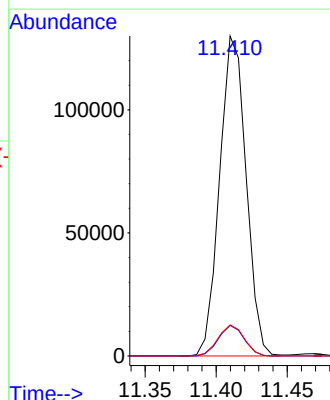
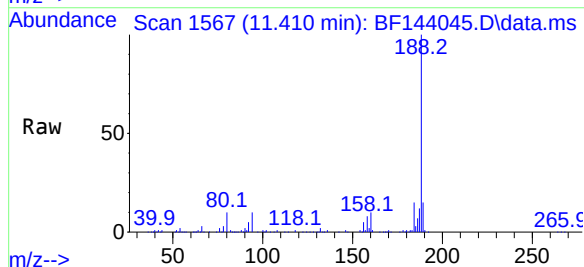
Tgt Ion: 188 Resp: 168446

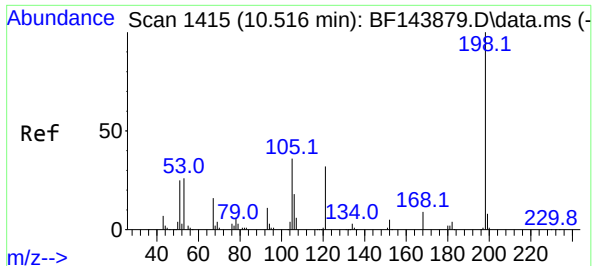
Ion Ratio Lower Upper

188 100

94 9.6 7.8 11.6

80 9.7 7.9 11.9

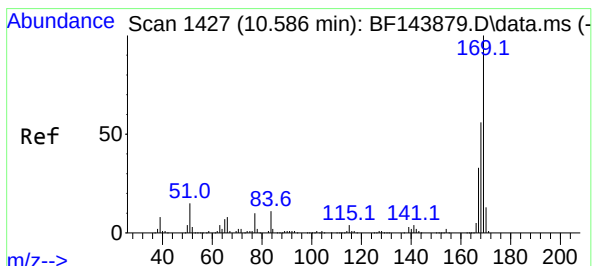
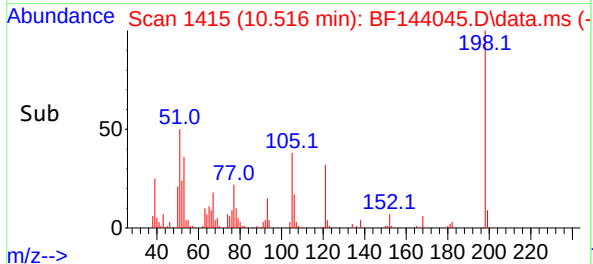
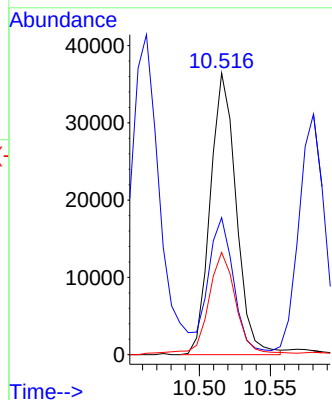
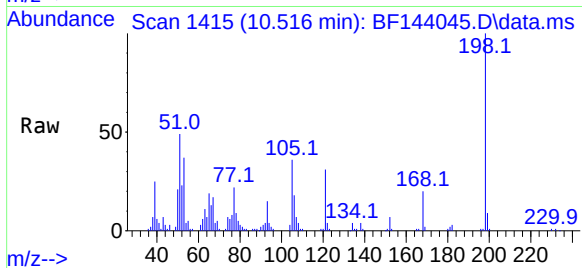




#65
4,6-Dinitro-2-methylphenol
Concen: 54.673 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

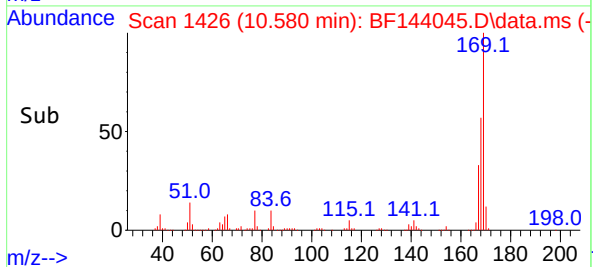
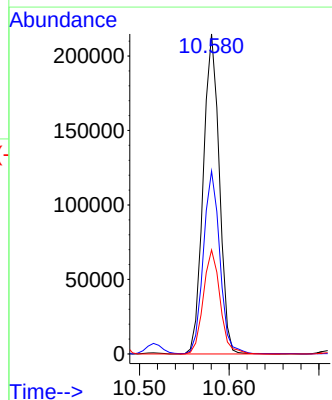
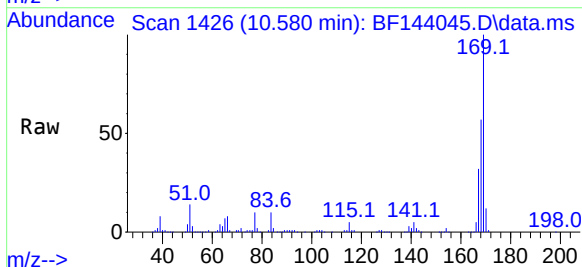
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

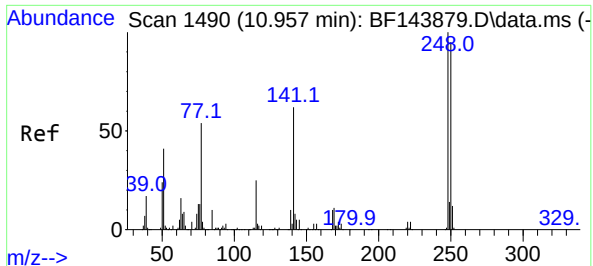
Tgt Ion:198 Resp: 46280
Ion Ratio Lower Upper
198 100
51 48.7 33.8 73.8
105 36.3 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 50.551 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:169 Resp: 267366
Ion Ratio Lower Upper
169 100
168 57.2 44.9 67.3
167 32.5 26.3 39.5

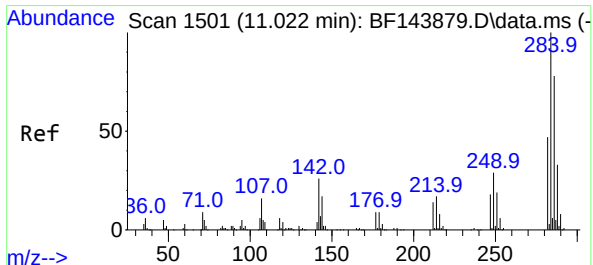
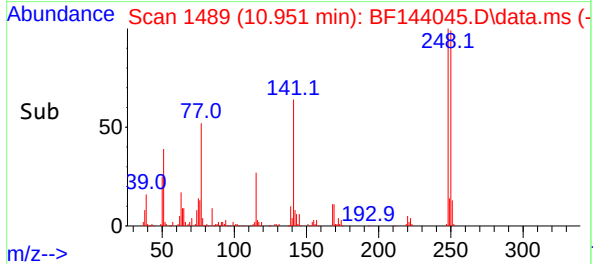
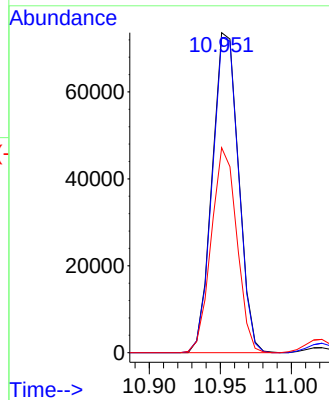
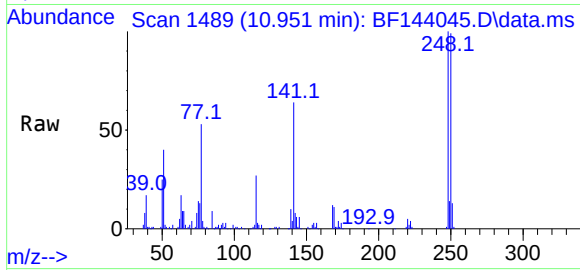




#67
4-Bromophenyl-phenylether
Concen: 51.060 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

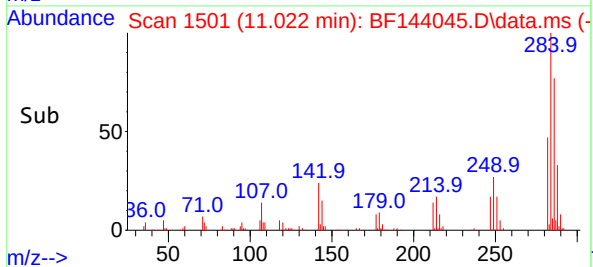
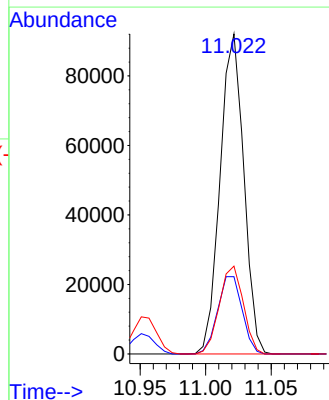
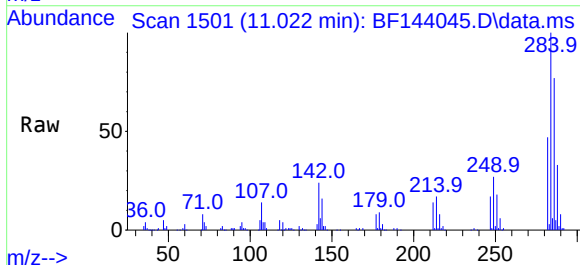
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

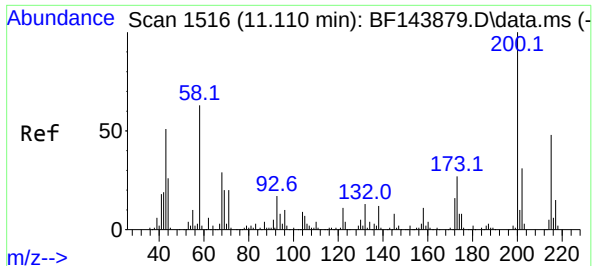
Tgt Ion:248 Resp: 95053
Ion Ratio Lower Upper
248 100
250 98.5 76.3 114.5
141 64.0 49.7 74.5



#68
Hexachlorobenzene
Concen: 53.609 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:284 Resp: 115537
Ion Ratio Lower Upper
284 100
142 24.2 20.6 30.8
249 27.5 23.2 34.8





#69

Atrazine

Concen: 53.756 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

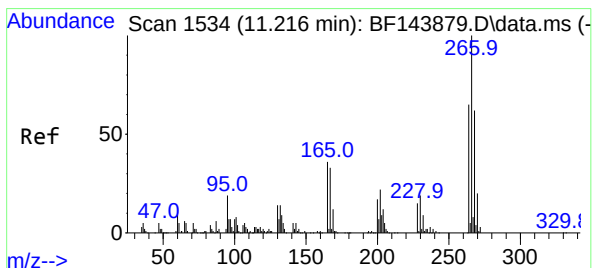
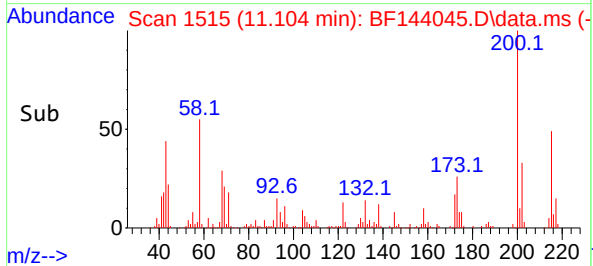
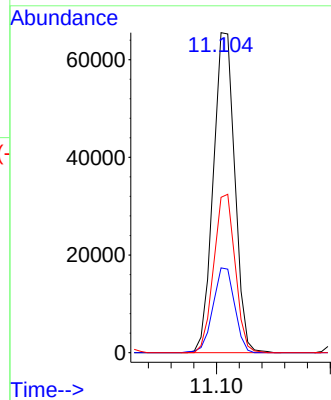
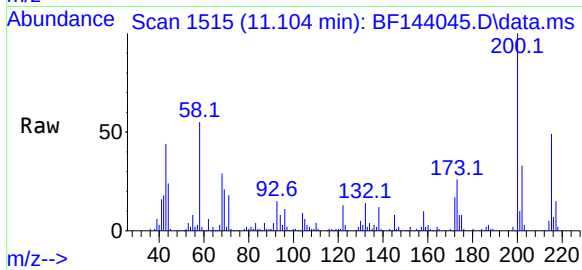
Tgt Ion:200 Resp: 86175

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

215 48.5 27.8 67.8



#70

Pentachlorophenol

Concen: 93.490 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

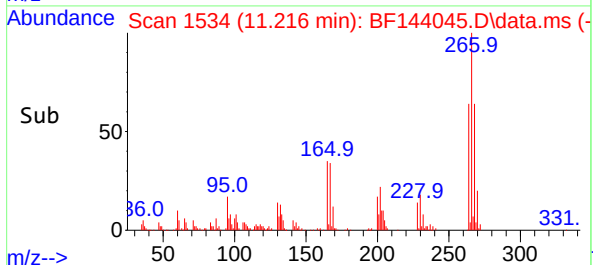
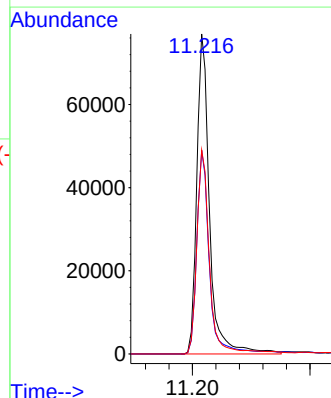
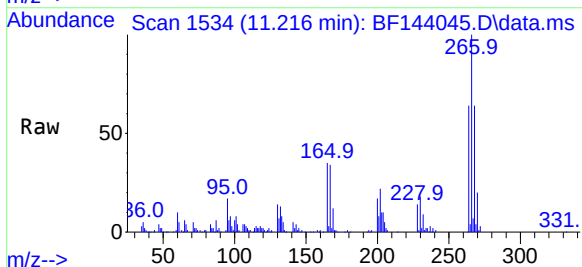
Tgt Ion:266 Resp: 115720

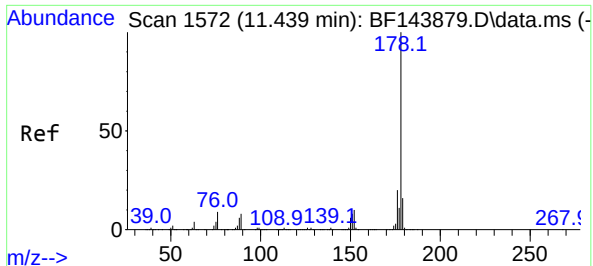
Ion Ratio Lower Upper

266 100

268 63.6 49.4 74.0

264 63.8 51.8 77.6

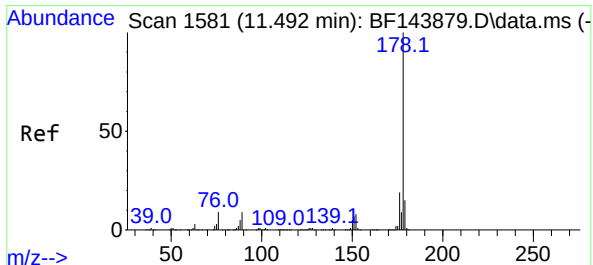
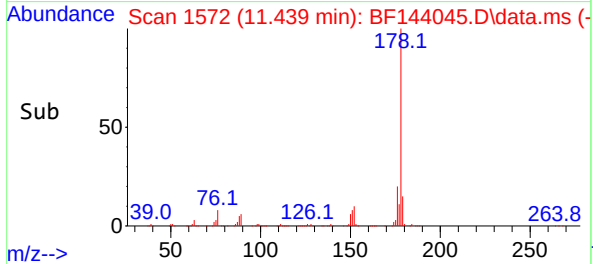
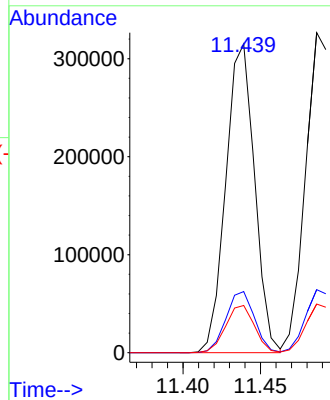
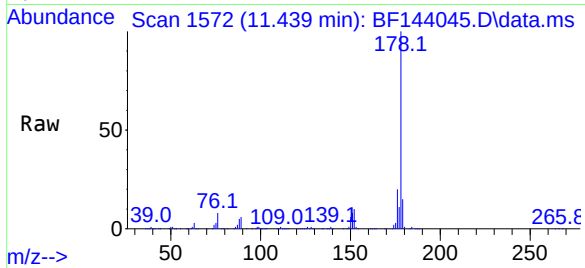




#71
Phenanthrene
Concen: 49.820 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

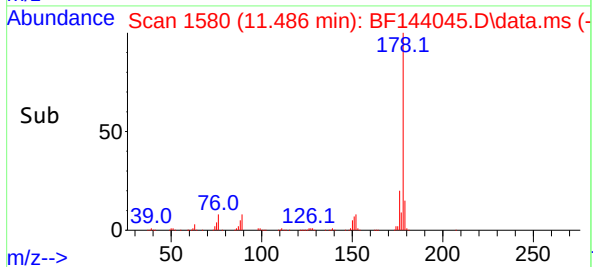
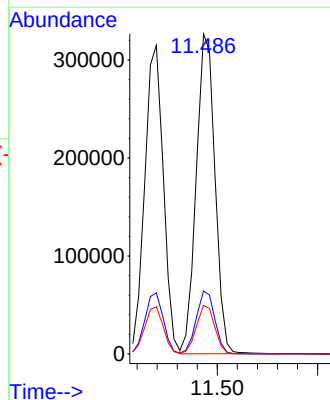
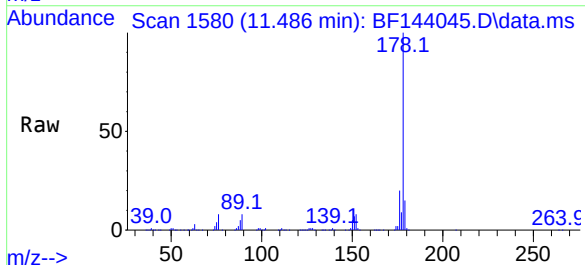
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

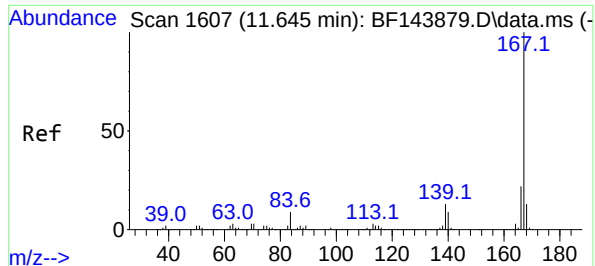
Tgt Ion:178 Resp: 406843
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.3 12.4 18.6



#72
Anthracene
Concen: 51.435 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:178 Resp: 424337
Ion Ratio Lower Upper
178 100
176 19.7 14.9 22.3
179 15.2 12.2 18.2





#73

Carbazole

Concen: 51.318 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

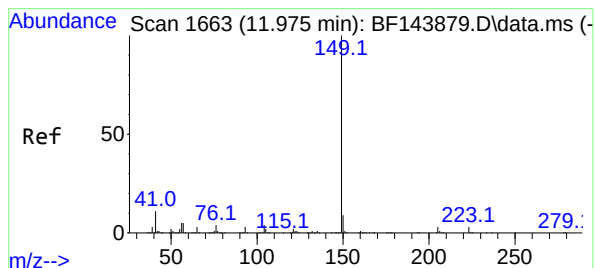
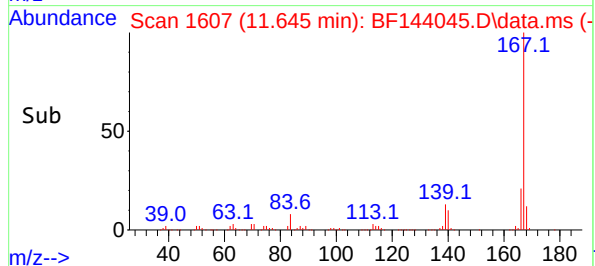
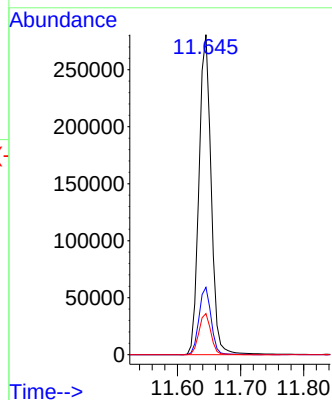
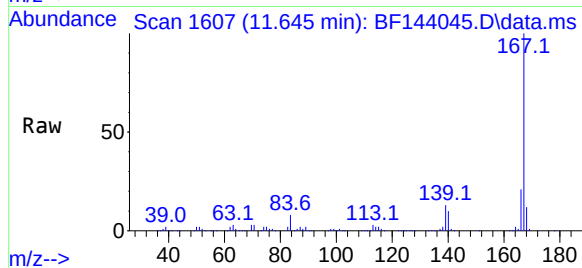
Tgt Ion:167 Resp: 374959

Ion Ratio Lower Upper

167 100

166 21.1 17.2 25.8

139 12.8 10.1 15.1



#74

Di-n-butylphthalate

Concen: 51.866 ng

RT: 11.974 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

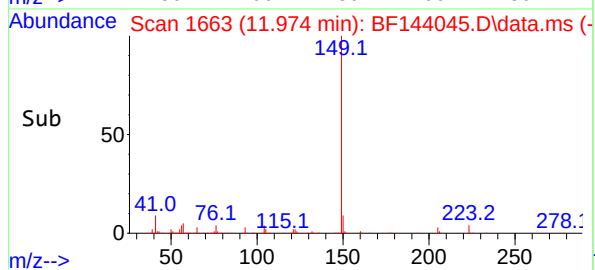
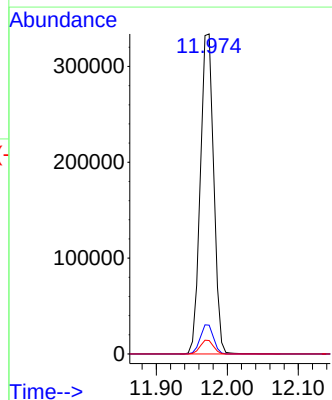
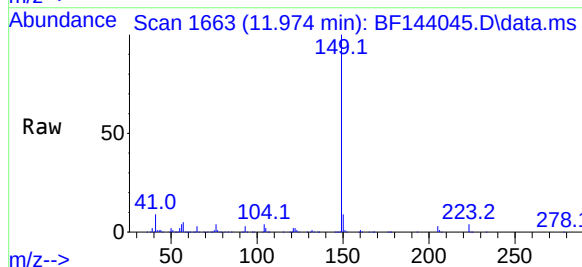
Tgt Ion:149 Resp: 439215

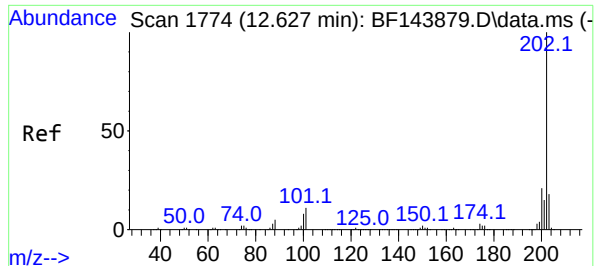
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

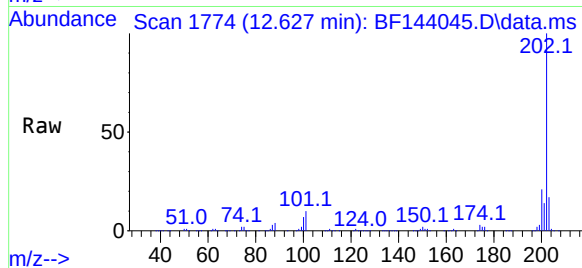
104 4.2 3.4 5.2



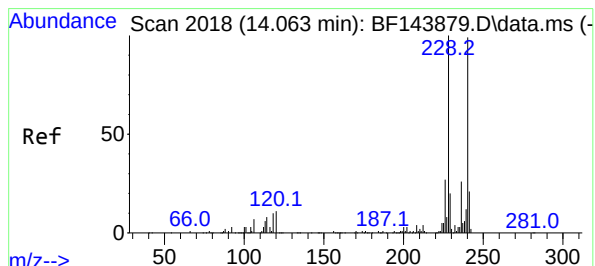
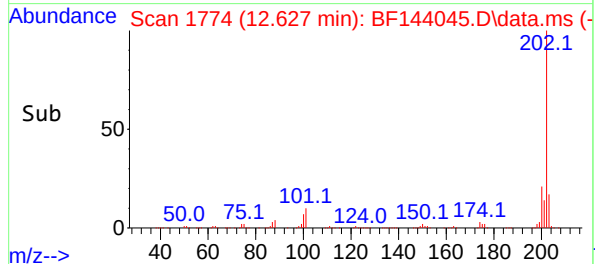
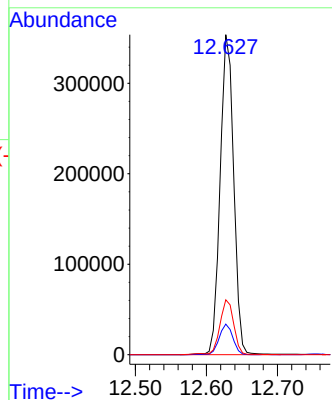


#75
Fluoranthene
Concen: 55.274 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

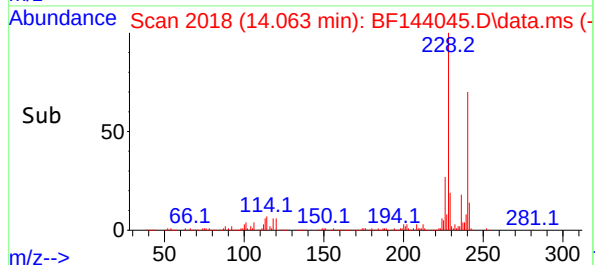
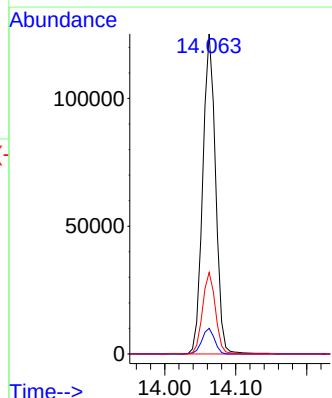
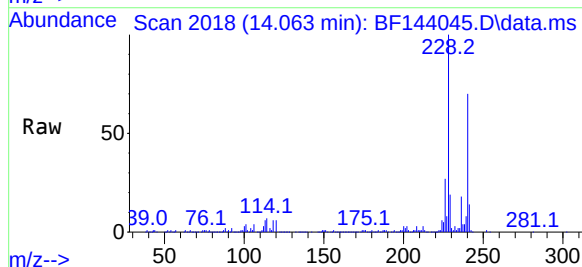


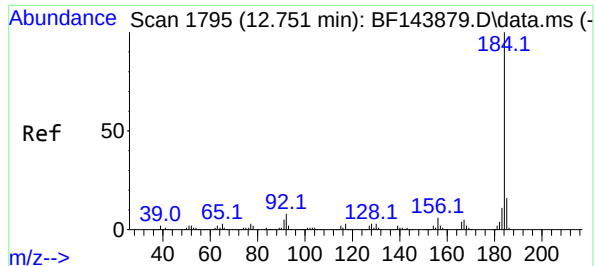
Tgt Ion:202 Resp: 466245
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.2 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:240 Resp: 157711
Ion Ratio Lower Upper
240 100
120 8.0 8.6 13.0#
236 25.5 21.1 31.7





#77

Benzidine

Concen: 35.061 ng

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144045.D

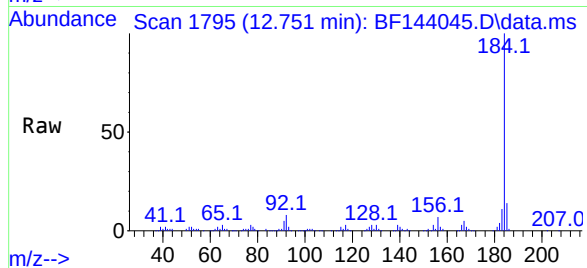
Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS



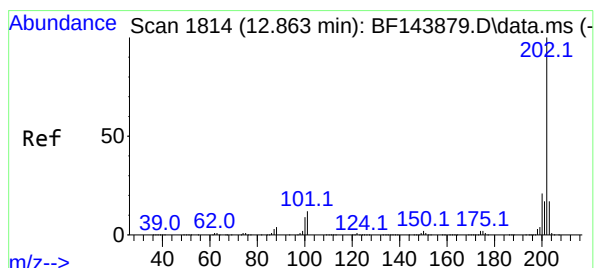
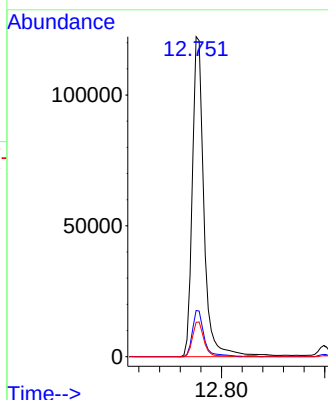
Tgt Ion:184 Resp: 191999

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

183 10.8 8.8 13.2



#78

Pyrene

Concen: 36.974 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

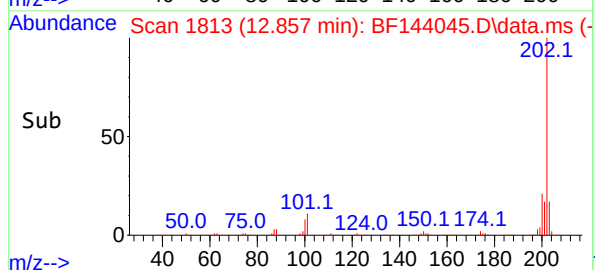
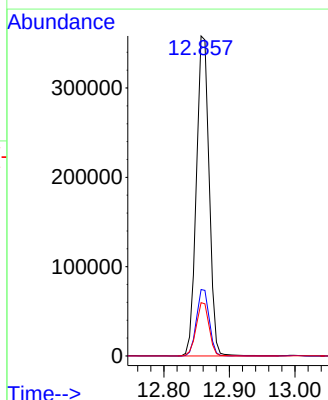
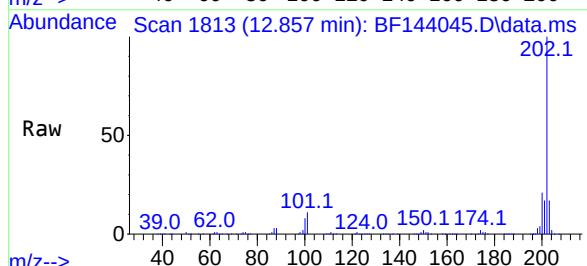
Tgt Ion:202 Resp: 486134

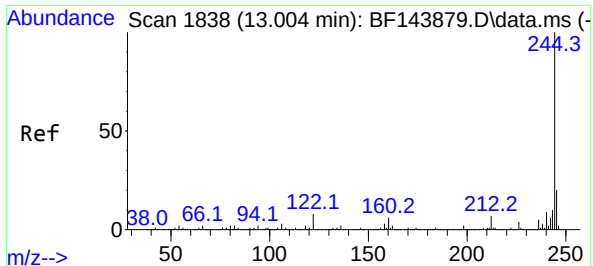
Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

203 16.7 13.8 20.6





#79

Terphenyl-d14

Concen: 50.515 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

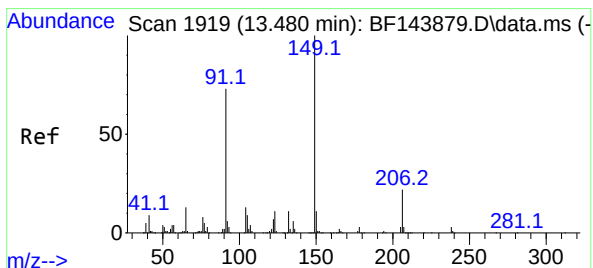
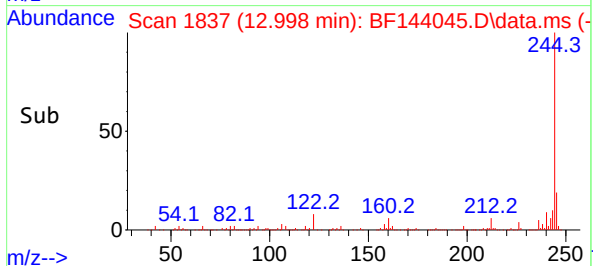
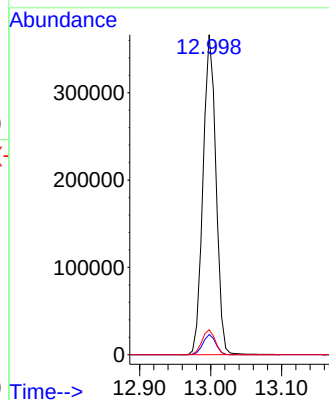
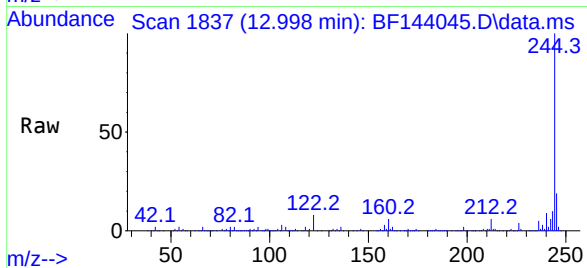
Tgt Ion:244 Resp: 466140

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

122 7.8 6.4 9.6



#80

Butylbenzylphthalate

Concen: 45.477 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

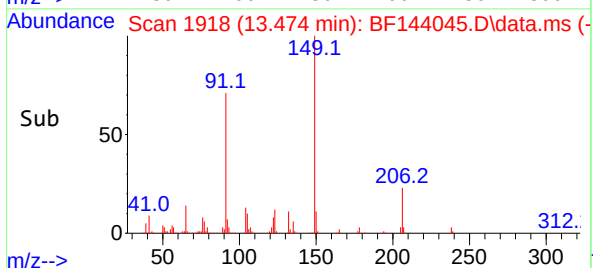
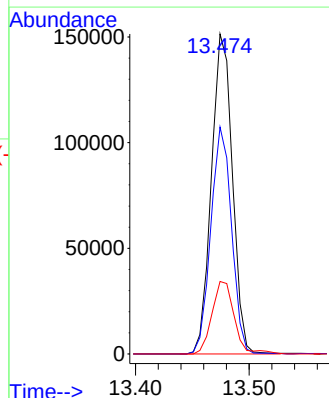
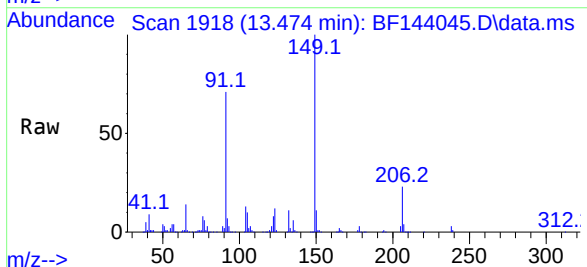
Tgt Ion:149 Resp: 194190

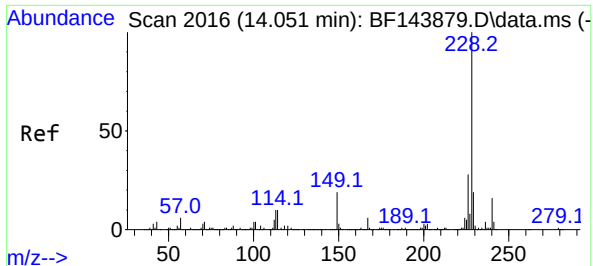
Ion Ratio Lower Upper

149 100

91 70.9 58.2 87.2

206 22.7 17.9 26.9

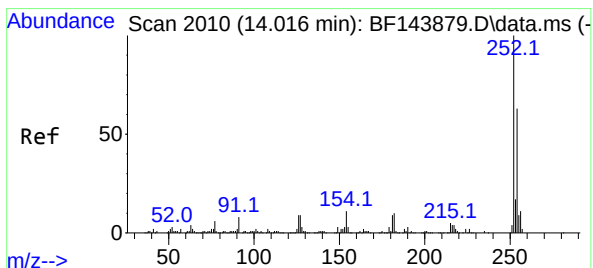
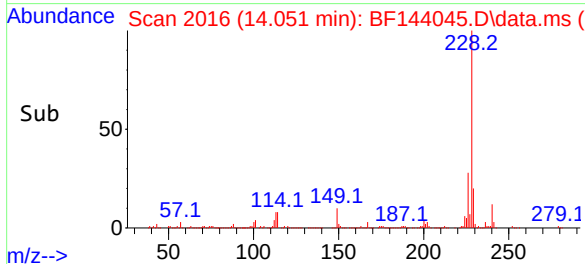
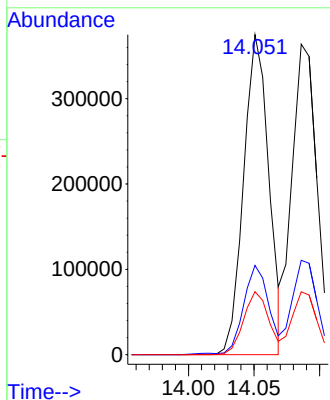
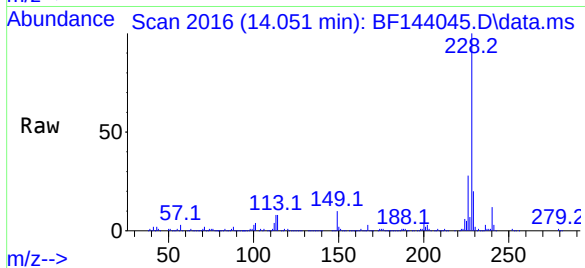




#81
Benzo(a)anthracene
Concen: 48.533 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

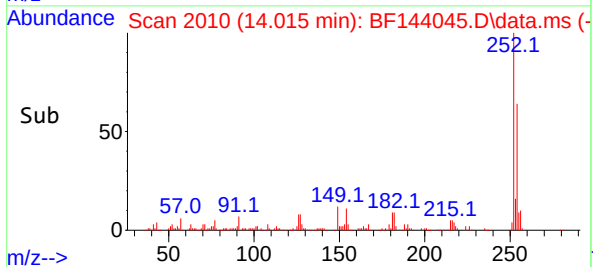
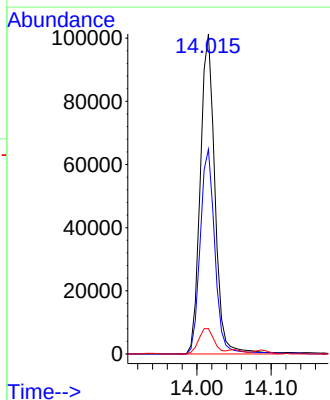
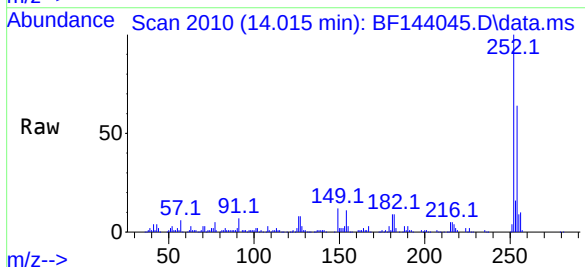
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

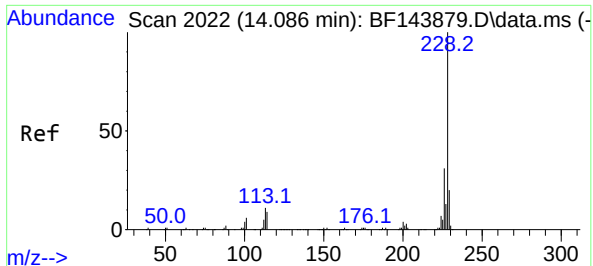
Tgt Ion:228 Resp: 500895
Ion Ratio Lower Upper
228 100
226 27.9 22.2 33.2
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 44.147 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:252 Resp: 138851
Ion Ratio Lower Upper
252 100
254 63.9 50.6 76.0
126 7.9 7.0 10.6





#83

Chrysene

Concen: 50.418 ng

RT: 14.086 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

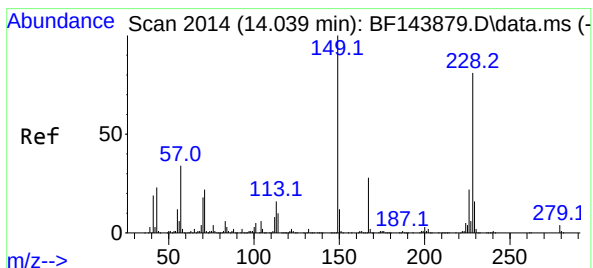
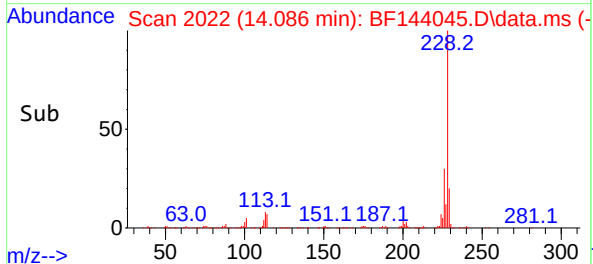
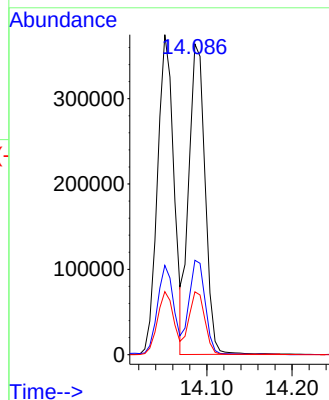
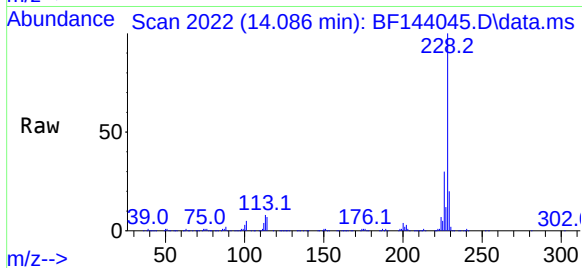
Tgt Ion:228 Resp: 481599

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.185 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

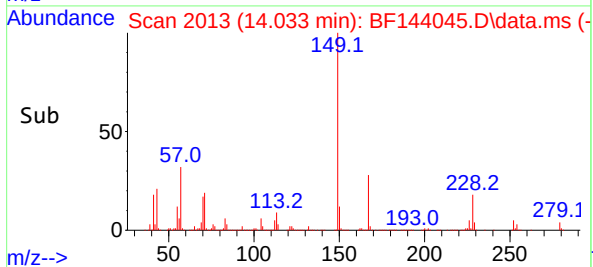
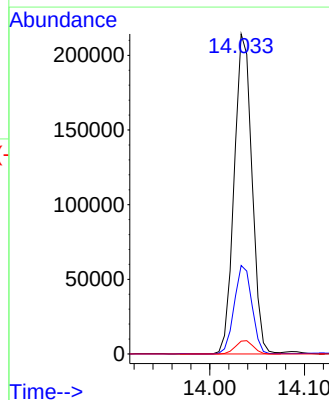
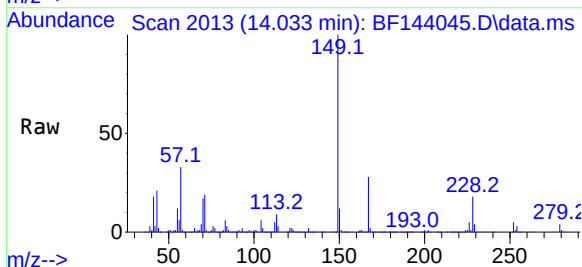
Tgt Ion:149 Resp: 278912

Ion Ratio Lower Upper

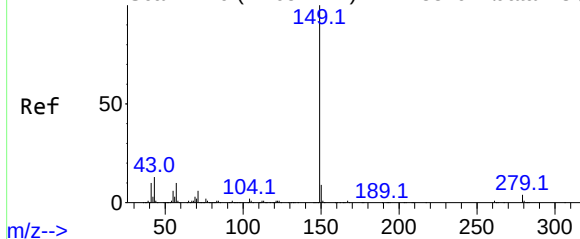
149 100

167 27.7 22.2 33.4

279 4.0 3.1 4.7



Abundance Scan 2119 (14.657 min): BF143879.D\data.ms (-



#85

Di-n-octyl phthalate

Concen: 60.515 ng

RT: 14.651 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

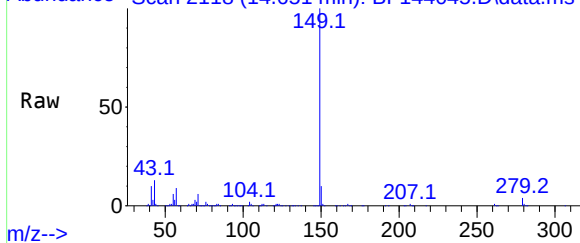
Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

m/z--> Abundance Scan 2118 (14.651 min): BF144045.D\data.ms (-



Tgt Ion:149 Resp: 511613

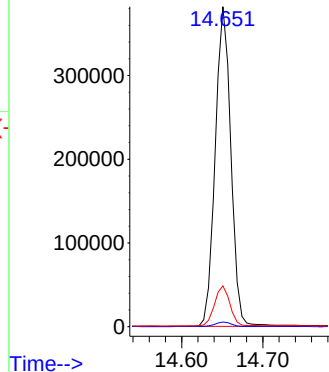
Ion Ratio Lower Upper

149 100

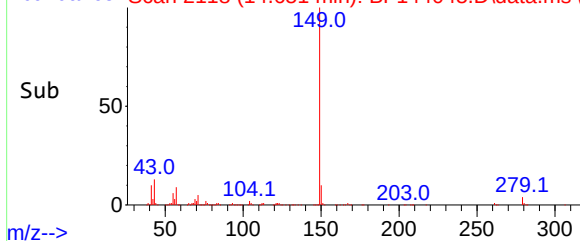
167 1.7 1.1 1.7

43 12.2 11.0 16.4

Abundance



m/z--> Abundance Scan 2118 (14.651 min): BF144045.D\data.ms (-



#86

Perylene-d12

Concen: 20.000 ng

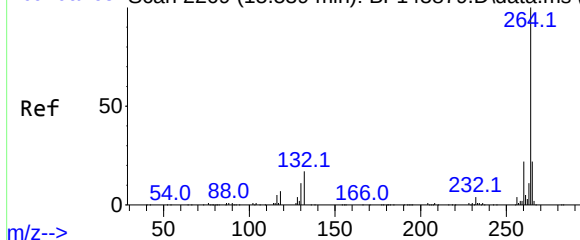
RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Abundance Scan 2269 (15.539 min): BF143879.D\data.ms (-



Tgt Ion:264 Resp: 198777

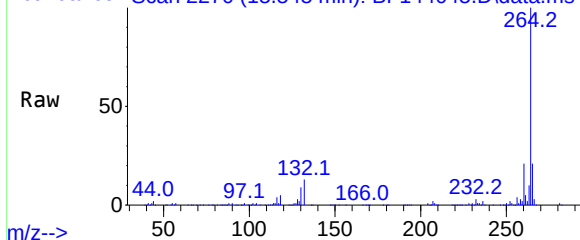
Ion Ratio Lower Upper

264 100

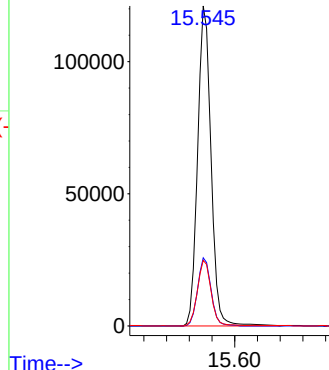
260 21.3 17.8 26.8

265 20.5 17.5 26.3

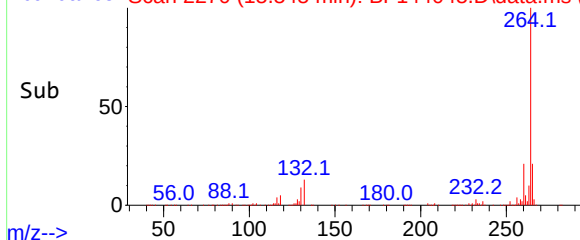
m/z--> Abundance Scan 2270 (15.545 min): BF144045.D\data.ms (-



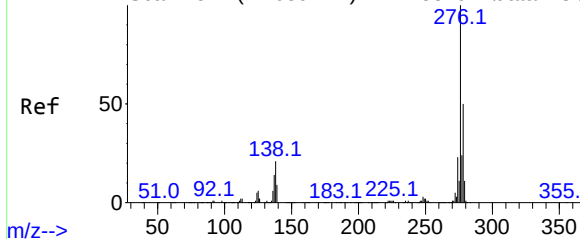
Abundance



m/z--> Abundance Scan 2270 (15.545 min): BF144045.D\data.ms (-



Abundance Scan 2524 (17.039 min): BF143879.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 41.045 ng

RT: 17.056 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

Tgt Ion:276 Resp: 499925

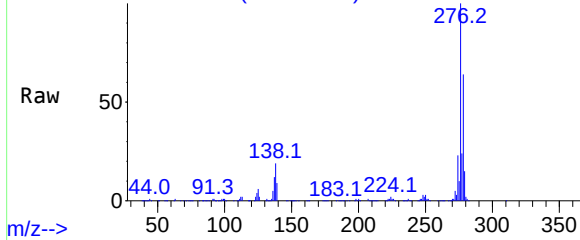
Ion Ratio Lower Upper

276 100

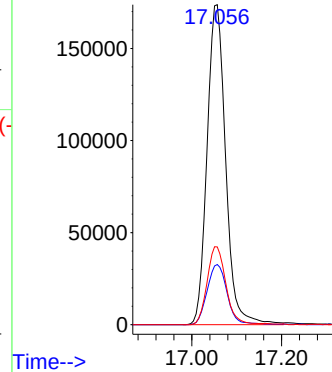
138 20.3 18.2 27.2

277 24.8 19.8 29.6

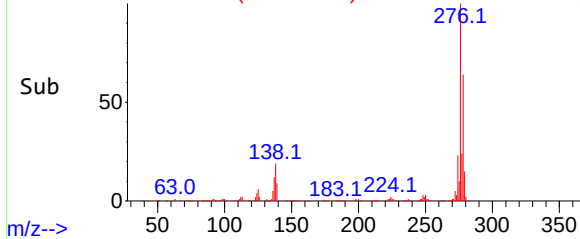
Abundance Scan 2527 (17.056 min): BF144045.D\data.ms



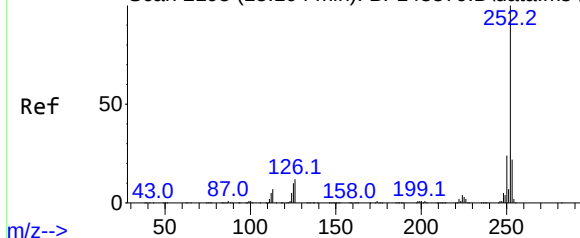
Abundance



Abundance Scan 2527 (17.056 min): BF144045.D\data.ms (-



Abundance Scan 2195 (15.104 min): BF143879.D\data.ms (-



#88

Benzo(b)fluoranthene

Concen: 50.322 ng

RT: 15.109 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Tgt Ion:252 Resp: 574593

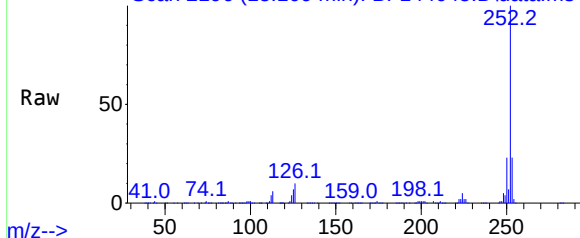
Ion Ratio Lower Upper

252 100

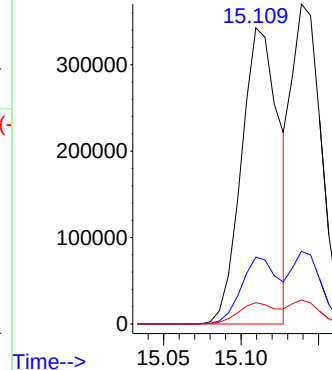
253 22.6 17.4 26.2

125 7.2 7.8 11.6#

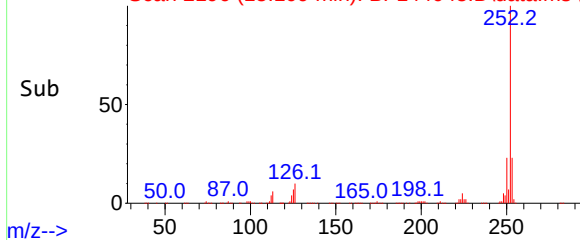
Abundance Scan 2196 (15.109 min): BF144045.D\data.ms

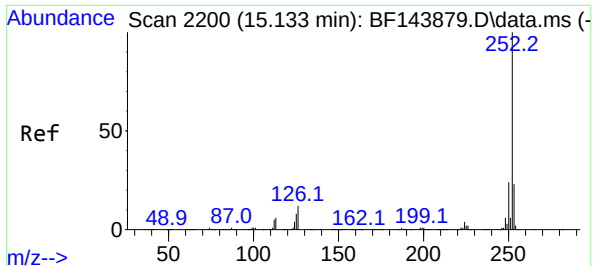


Abundance



Abundance Scan 2196 (15.109 min): BF144045.D\data.ms (-





#89

Benzo(k)fluoranthene

Concen: 47.538 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMS

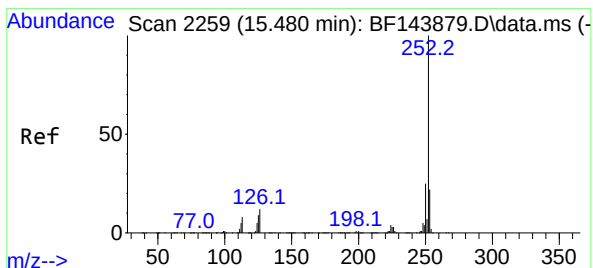
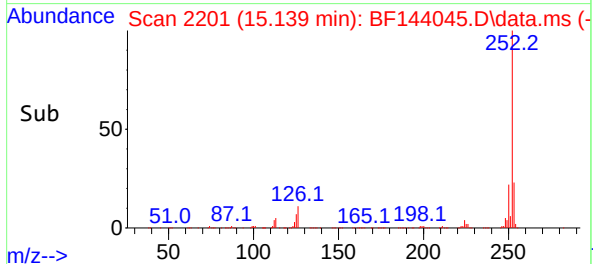
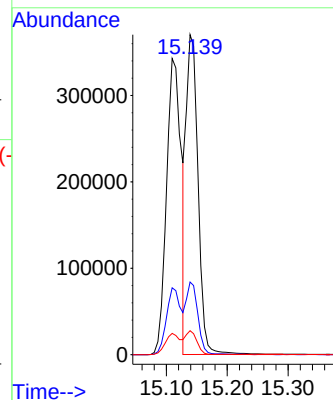
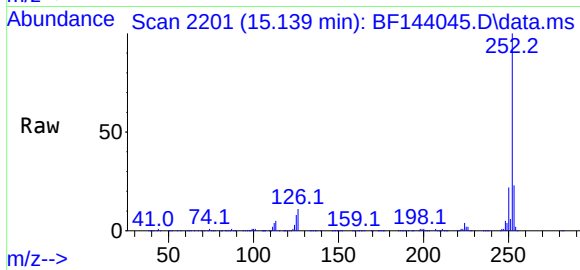
Tgt Ion:252 Resp: 502266

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 7.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 52.626 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144045.D

Acq: 22 Oct 2025 16:48

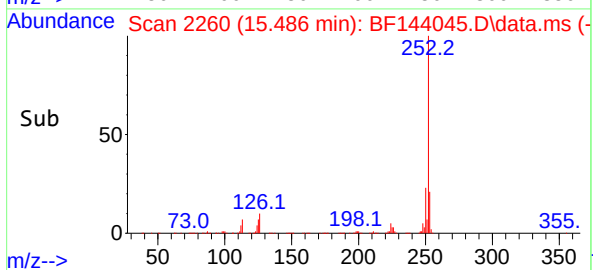
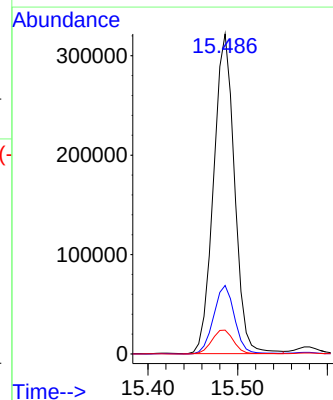
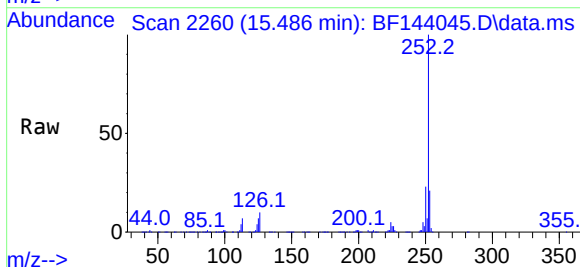
Tgt Ion:252 Resp: 521045

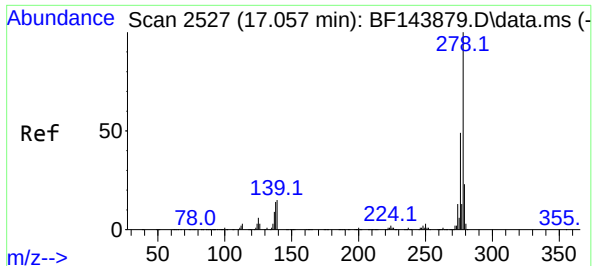
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 7.5 7.0 10.4

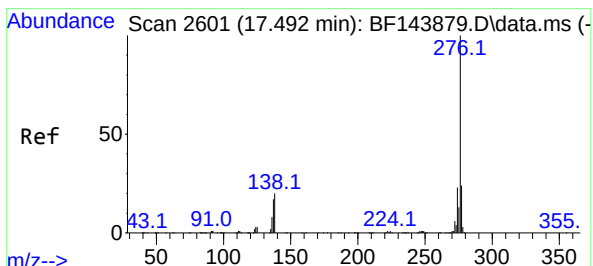
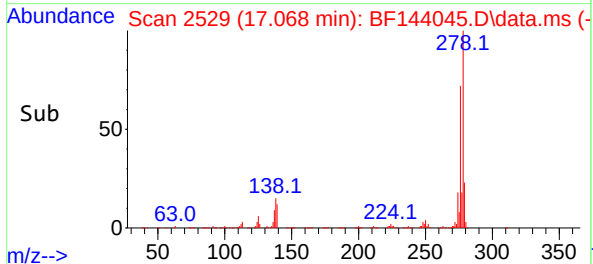
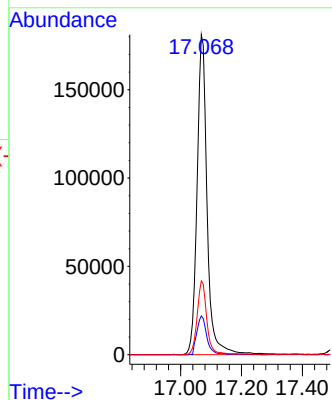
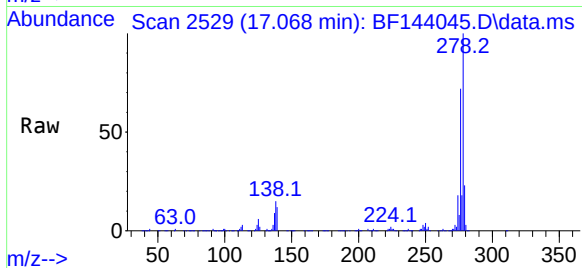




#91
Dibenzo(a,h)anthracene
Concen: 42.425 ng
RT: 17.068 min Scan# 2529
Delta R.T. -0.012 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

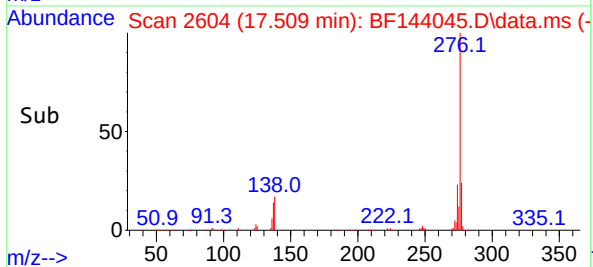
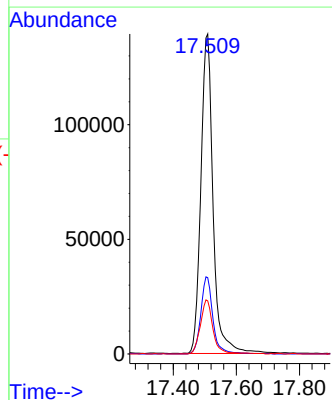
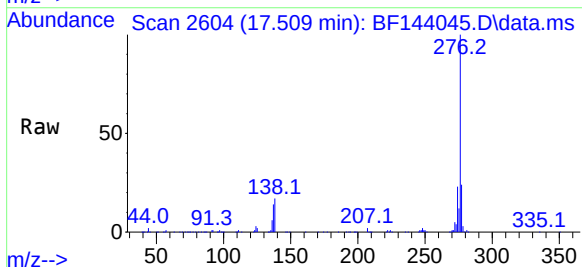
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMS

Tgt Ion:278 Resp: 415588
Ion Ratio Lower Upper
278 100
139 12.1 11.7 17.5
279 23.1 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 38.195 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF144045.D
Acq: 22 Oct 2025 16:48

Tgt Ion:276 Resp: 374153
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 16.6 16.1 24.1





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Fax : 908 789 8922

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFFMSD
Lab Sample ID: Q3399-01MSD
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.06 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3399
Matrix: SOIL
% Solid: 89.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	990		1	170	370	ug/Kg	10/22/25 17:17	PB170206
108-95-2	Phenol	1700		1	24.5	190	ug/Kg	10/22/25 17:17	PB170206
111-44-4	bis(2-Chloroethyl)ether	1600		1	27.0	190	ug/Kg	10/22/25 17:17	PB170206
95-57-8	2-Chlorophenol	1800		1	27.1	190	ug/Kg	10/22/25 17:17	PB170206
95-48-7	2-Methylphenol	1700		1	33.2	190	ug/Kg	10/22/25 17:17	PB170206
108-60-1	2,2-oxybis(1-Chloropropane)	1400		1	41.6	190	ug/Kg	10/22/25 17:17	PB170206
98-86-2	Acetophenone	2000		1	32.7	190	ug/Kg	10/22/25 17:17	PB170206
65794-96-9	3+4-Methylphenols	1700		1	45.6	370	ug/Kg	10/22/25 17:17	PB170206
621-64-7	n-Nitroso-di-n-propylamine	1700		1	52.6	88.8	ug/Kg	10/22/25 17:17	PB170206
67-72-1	Hexachloroethane	1900		1	19.5	190	ug/Kg	10/22/25 17:17	PB170206
98-95-3	Nitrobenzene	1900		1	20.3	190	ug/Kg	10/22/25 17:17	PB170206
78-59-1	Isophorone	1700		1	36.4	190	ug/Kg	10/22/25 17:17	PB170206
88-75-5	2-Nitrophenol	2100		1	64.6	190	ug/Kg	10/22/25 17:17	PB170206
105-67-9	2,4-Dimethylphenol	2000		1	71.9	190	ug/Kg	10/22/25 17:17	PB170206
111-91-1	bis(2-Chloroethoxy)methane	1700		1	34.2	190	ug/Kg	10/22/25 17:17	PB170206
120-83-2	2,4-Dichlorophenol	1800		1	31.4	190	ug/Kg	10/22/25 17:17	PB170206
91-20-3	Naphthalene	1800		1	25.2	190	ug/Kg	10/22/25 17:17	PB170206
106-47-8	4-Chloroaniline	760		1	39.3	190	ug/Kg	10/22/25 17:17	PB170206
87-68-3	Hexachlorobutadiene	2100		1	28.1	190	ug/Kg	10/22/25 17:17	PB170206
105-60-2	Caprolactam	1700		1	57.8	370	ug/Kg	10/22/25 17:17	PB170206
59-50-7	4-Chloro-3-methylphenol	1800		1	31.9	190	ug/Kg	10/22/25 17:17	PB170206
91-57-6	2-Methylnaphthalene	1700		1	28.4	190	ug/Kg	10/22/25 17:17	PB170206
77-47-4	Hexachlorocyclopentadiene	2800		1	130	370	ug/Kg	10/22/25 17:17	PB170206
88-06-2	2,4,6-Trichlorophenol	1900		1	22.0	190	ug/Kg	10/22/25 17:17	PB170206
95-95-4	2,4,5-Trichlorophenol	2000		1	32.3	190	ug/Kg	10/22/25 17:17	PB170206
92-52-4	1,1-Biphenyl	2100		1	24.2	190	ug/Kg	10/22/25 17:17	PB170206
91-58-7	2-Chloronaphthalene	1900		1	25.0	190	ug/Kg	10/22/25 17:17	PB170206
88-74-4	2-Nitroaniline	1900		1	53.4	190	ug/Kg	10/22/25 17:17	PB170206
131-11-3	Dimethylphthalate	1900		1	30.1	190	ug/Kg	10/22/25 17:17	PB170206
208-96-8	Acenaphthylene	2100		1	32.1	190	ug/Kg	10/22/25 17:17	PB170206
606-20-2	2,6-Dinitrotoluene	2200		1	37.3	190	ug/Kg	10/22/25 17:17	PB170206
99-09-2	3-Nitroaniline	1300		1	51.1	190	ug/Kg	10/22/25 17:17	PB170206
83-32-9	Acenaphthene	1900		1	23.6	190	ug/Kg	10/22/25 17:17	PB170206
51-28-5	2,4-Dinitrophenol	2800		1	250	370	ug/Kg	10/22/25 17:17	PB170206
100-02-7	4-Nitrophenol	3000	E	1	120	370	ug/Kg	10/22/25 17:17	PB170206
132-64-9	Dibenzofuran	1800		1	25.2	190	ug/Kg	10/22/25 17:17	PB170206
121-14-2	2,4-Dinitrotoluene	2100		1	55.6	190	ug/Kg	10/22/25 17:17	PB170206
84-66-2	Diethylphthalate	1900		1	31.4	190	ug/Kg	10/22/25 17:17	PB170206
7005-72-3	4-Chlorophenyl-phenylether	1900		1	29.6	190	ug/Kg	10/22/25 17:17	PB170206
86-73-7	Fluorene	1900		1	28.1	190	ug/Kg	10/22/25 17:17	PB170206
100-01-6	4-Nitroaniline	1800		1	71.3	190	ug/Kg	10/22/25 17:17	PB170206
534-52-1	4,6-Dinitro-2-methylphenol	2200		1	110	370	ug/Kg	10/22/25 17:17	PB170206



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Fax : 908 789 8922

Report of Analysis

Client: ICE Service Group, Inc.
Project: NWIRP Northrup Grumman Site – Bethpage, NY
Client Sample ID: COMP-ROLLOFFMSD
Lab Sample ID: Q3399-01MSD
Analytical Method: 8270E Level : LOW
Sample Wt/Vol: 30.06 g Final Vol: 1000 uL
Prep Method : SW3510C Prep Date: 10/22/25

Date Collected: 10/20/25
Date Received: 10/20/25
SDG No.: Q3399
Matrix: SOIL
% Solid: 89.9
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900		1	36.5	190	ug/Kg	10/22/25 17:17	PB170206
101-55-3	4-Bromophenyl-phenylether	2000		1	30.9	190	ug/Kg	10/22/25 17:17	PB170206
118-74-1	Hexachlorobenzene	2000		1	28.1	190	ug/Kg	10/22/25 17:17	PB170206
1912-24-9	Atrazine	2100		1	37.7	190	ug/Kg	10/22/25 17:17	PB170206
87-86-5	Pentachlorophenol	3500	E	1	56.9	370	ug/Kg	10/22/25 17:17	PB170206
85-01-8	Phenanthrene	1900		1	23.2	190	ug/Kg	10/22/25 17:17	PB170206
120-12-7	Anthracene	1900		1	37.0	190	ug/Kg	10/22/25 17:17	PB170206
86-74-8	Carbazole	1900		1	34.6	190	ug/Kg	10/22/25 17:17	PB170206
84-74-2	Di-n-butylphthalate	1900		1	53.2	190	ug/Kg	10/22/25 17:17	PB170206
206-44-0	Fluoranthene	2000		1	33.3	190	ug/Kg	10/22/25 17:17	PB170206
129-00-0	Pyrene	1400		1	40.0	190	ug/Kg	10/22/25 17:17	PB170206
85-68-7	Butylbenzylphthalate	1800		1	79.3	190	ug/Kg	10/22/25 17:17	PB170206
91-94-1	3,3-Dichlorobenzidine	1700		1	40.7	370	ug/Kg	10/22/25 17:17	PB170206
56-55-3	Benzo(a)anthracene	1900		1	25.5	190	ug/Kg	10/22/25 17:17	PB170206
218-01-9	Chrysene	2000		1	22.1	190	ug/Kg	10/22/25 17:17	PB170206
117-81-7	Bis(2-ethylhexyl)phthalate	2100		1	65.7	190	ug/Kg	10/22/25 17:17	PB170206
117-84-0	Di-n-octyl phthalate	2300		1	96.4	370	ug/Kg	10/22/25 17:17	PB170206
205-99-2	Benzo(b)fluoranthene	1900		1	21.1	190	ug/Kg	10/22/25 17:17	PB170206
207-08-9	Benzo(k)fluoranthene	1800		1	24.9	190	ug/Kg	10/22/25 17:17	PB170206
50-32-8	Benzo(a)pyrene	2000		1	32.7	190	ug/Kg	10/22/25 17:17	PB170206
193-39-5	Indeno(1,2,3-cd)pyrene	1500		1	32.3	190	ug/Kg	10/22/25 17:17	PB170206
53-70-3	Dibenzo(a,h)anthracene	1600		1	30.4	190	ug/Kg	10/22/25 17:17	PB170206
191-24-2	Benzo(g,h,i)perylene	1400		1	28.5	190	ug/Kg	10/22/25 17:17	PB170206
95-94-3	1,2,4,5-Tetrachlorobenzene	2300		1	28.4	190	ug/Kg	10/22/25 17:17	PB170206
123-91-1	1,4-Dioxane	1700		1	50.2	190	ug/Kg	10/22/25 17:17	PB170206
58-90-2	2,3,4,6-Tetrachlorophenol	2000		1	30.4	190	ug/Kg	10/22/25 17:17	PB170206

SURROGATES

367-12-4	2-Fluorophenol	95.5		18 - 112	64%	SPK: 150
13127-88-3	Phenol-d6	89.5		15 - 107	60%	SPK: 150
4165-60-0	Nitrobenzene-d5	68.4		18 - 107	68%	SPK: 100
321-60-8	2-Fluorobiphenyl	67.5		20 - 109	68%	SPK: 100
118-79-6	2,4,6-Tribromophenol	105		10 - 116	70%	SPK: 150
1718-51-0	Terphenyl-d14	53.4		10 - 105	53%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	52400
1146-65-2	Naphthalene-d8	194000
15067-26-2	Acenaphthene-d10	100000
1517-22-2	Phenanthrene-d10	162000
1719-03-5	Chrysene-d12	141000
1520-96-3	Perylene-d12	186000



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

Report of Analysis

Client:	ICE Service Group, Inc.	Date Collected:	10/20/25
Project:	NWIRP Northrup Grumman Site – Bethpage, NY	Date Received:	10/20/25
Client Sample ID:	COMP-ROLLOFFMSD	SDG No.:	Q3399
Lab Sample ID:	Q3399-01MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	89.9
	Level : LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.06 g		
	Final Vol: 1000 uL		
Prep Method :	SW3510C		
	Prep Date: 10/22/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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\BF102225\
 Data File : BF144046.D
 Acq On : 22 Oct 2025 17:17
 Operator : RC/JU
 Sample : Q3399-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMSD

Quant Time: Oct 22 17:39:57 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	52405	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	194453	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	100404	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	161809	20.000	ng	0.00
76) Chrysene-d12	14.063	240	140916	20.000	ng	0.00
86) Perylene-d12	15.545	264	186035	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	315008	95.454	ng	0.00
7) Phenol-d6	6.504	99	351883	89.457	ng	-0.01
23) Nitrobenzene-d5	7.440	82	218945	68.407	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	105331	105.326	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	427316	67.531	ng	-0.01
79) Terphenyl-d14	12.998	244	440266	53.397	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	70292	46.029	ng	93
3) Pyridine	3.446	79	184153	41.423	ng	94
4) n-Nitrosodimethylamine	3.393	42	116488	49.810	ng	93
6) Aniline	6.546	93	184778	31.348	ng	99
8) 2-Chlorophenol	6.663	128	154648	47.941	ng	97
9) Benzaldehyde	6.434	77	81335	26.805	ng	98
10) Phenol	6.522	94	216329	46.001	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	159431	43.888	ng	98
12) 1,3-Dichlorobenzene	6.822	146	195541	50.640	ng	99
13) 1,4-Dichlorobenzene	6.898	146	198566	52.132	ng	100
14) 1,2-Dichlorobenzene	7.051	146	187864	51.493	ng	100
15) Benzyl Alcohol	7.022	79	146036	49.550	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	318759	38.549	ng	94
17) 2-Methylphenol	7.134	107	124908	46.853	ng	97
18) Hexachloroethane	7.393	117	66169	52.091	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	120112	44.609	ng	98
20) 3+4-Methylphenols	7.281	107	145482	47.084	ng	# 75
22) Acetophenone	7.287	105	225071	54.741	ng	94
24) Nitrobenzene	7.463	77	179684	50.554	ng	98
25) Isophorone	7.698	82	308671	45.738	ng	97
26) 2-Nitrophenol	7.781	139	87540	57.447	ng	98
27) 2,4-Dimethylphenol	7.810	122	146086	53.293	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	190792	44.755	ng	98
29) 2,4-Dichlorophenol	8.022	162	140538	49.220	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	152155	54.183	ng	99
31) Naphthalene	8.187	128	431571	48.790	ng	100
32) Benzoic acid	7.922	122	87243	45.987	ng	94
33) 4-Chloroaniline	8.234	127	68144	20.541	ng	97
34) Hexachlorobutadiene	8.298	225	110530	56.642	ng	98
35) Caprolactam	8.592	113	41937	46.192	ng	# 86
36) 4-Chloro-3-methylphenol	8.716	107	130088	47.430	ng	97
37) 2-Methylnaphthalene	8.875	142	263894	44.787	ng	99
38) 1-Methylnaphthalene	8.975	142	263614	46.124	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	171355	61.749	ng	100
41) Hexachlorocyclopentadiene	9.028	237	85794	74.523	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	101629	50.123	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144046.D
 Acq On : 22 Oct 2025 17:17
 Operator : RC/JU
 Sample : Q3399-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-ROLLOFFMSD

Quant Time: Oct 22 17:39:57 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

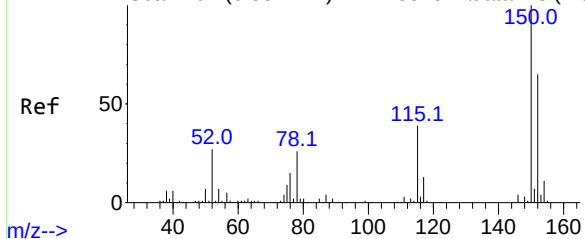
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	113337	52.895	ng	97
46) 1,1'-Biphenyl	9.339	154	376138	56.582	ng	98
47) 2-Chloronaphthalene	9.369	162	282045	50.887	ng	98
48) 2-Nitroaniline	9.463	65	88874	50.718	ng	92
49) Acenaphthylene	9.781	152	439452	56.398	ng	100
50) Dimethylphthalate	9.639	163	331215	51.947	ng	99
51) 2,6-Dinitrotoluene	9.704	165	69184	58.515	ng	97
52) Acenaphthene	9.957	154	266069	52.111	ng	100
53) 3-Nitroaniline	9.875	138	51718	35.724	ng	92
54) 2,4-Dinitrophenol	9.981	184	54749	75.499	ng	98
55) Dibenzofuran	10.128	168	357723	49.633	ng	97
56) 4-Nitrophenol	10.034	139	89855	81.974	ng	93
57) 2,4-Dinitrotoluene	10.110	165	90072	55.991	ng	98
58) Fluorene	10.469	166	272501	50.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83810	55.256	ng	96
60) Diethylphthalate	10.339	149	300982	50.812	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	148610	51.685	ng	96
62) 4-Nitroaniline	10.486	138	66690	47.905	ng	92
63) Azobenzene	10.622	77	305202	49.299	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	47428	58.328	ng	94
66) n-Nitrosodiphenylamine	10.581	169	262951	51.755	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	97379	54.455	ng	97
68) Hexachlorobenzene	11.022	284	114279	55.200	ng	96
69) Atrazine	11.104	200	85947	55.813	ng	99
70) Pentachlorophenol	11.216	266	113635	95.571	ng	97
71) Phenanthrene	11.439	178	392636	50.052	ng	98
72) Anthracene	11.486	178	403806	50.954	ng	100
73) Carbazole	11.645	167	361127	51.452	ng	98
74) Di-n-butylphthalate	11.975	149	427855	52.597	ng	99
75) Fluoranthene	12.628	202	444101	54.808	ng	97
77) Benzidine	12.751	184	182031	37.203	ng	98
78) Pyrene	12.857	202	460135	39.167	ng	99
80) Butylbenzylphthalate	13.475	149	182101	47.728	ng	99
81) Benzo(a)anthracene	14.051	228	472894	51.281	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	132609	47.187	ng	99
83) Chrysene	14.086	228	459269	53.811	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	258590	56.225	ng	100
85) Di-n-octyl phthalate	14.651	149	478725	63.374	ng	# 97
87) Indeno(1,2,3-cd)pyrene	17.051	276	468814	41.127	ng	97
88) Benzo(b)fluoranthene	15.110	252	549352	51.407	ng	# 98
89) Benzo(k)fluoranthene	15.139	252	484648	49.012	ng	# 98
90) Benzo(a)pyrene	15.486	252	490198	52.902	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	390451	42.589	ng	97
92) Benzo(g,h,i)perylene	17.504	276	352371	38.435	ng	97

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

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

[illegible]

Abundance Scan 797 (6.881 min): BF143879.D\data.ms (-79)

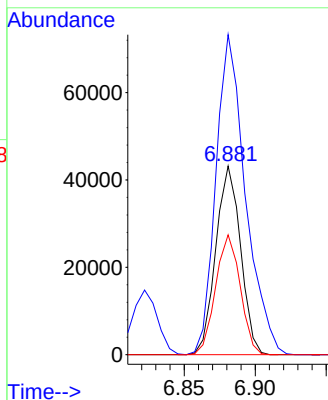
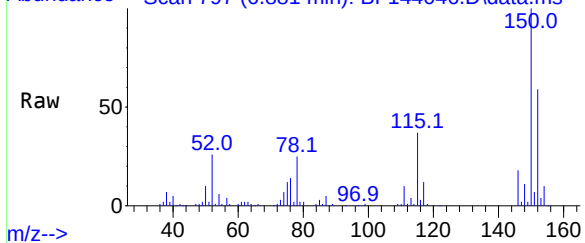


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

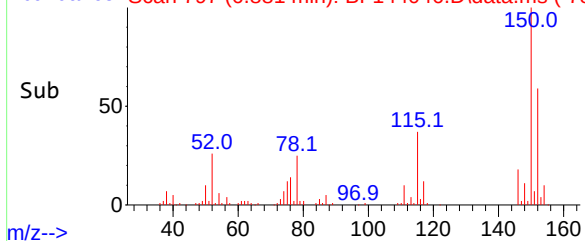
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	169.7	124.4	186.6
115	63.5	48.1	72.1

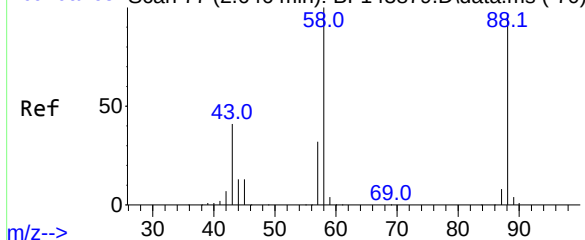
Abundance Scan 797 (6.881 min): BF144046.D\data.ms



Abundance Scan 797 (6.881 min): BF144046.D\data.ms (-78)



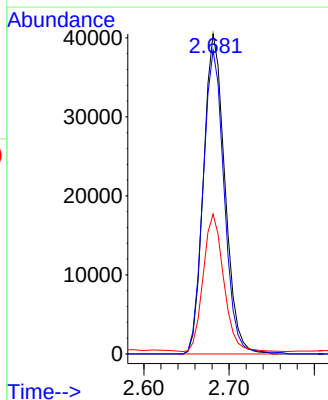
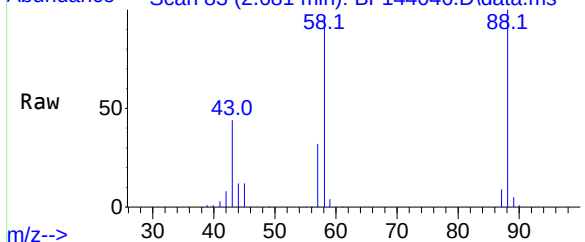
Abundance Scan 77 (2.646 min): BF143879.D\data.ms (-70)



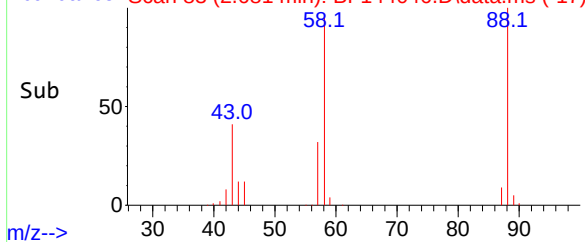
#2
1,4-Dioxane
Concen: 46.029 ng
RT: 2.681 min Scan# 83
Delta R.T. 0.036 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

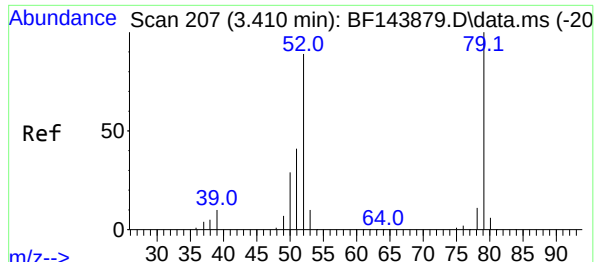
Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.9	83.0	124.6
43	41.2	33.9	50.9

Abundance Scan 83 (2.681 min): BF144046.D\data.ms



Abundance Scan 83 (2.681 min): BF144046.D\data.ms (-17)





#3

Pyridine

Concen: 41.423 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.030 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

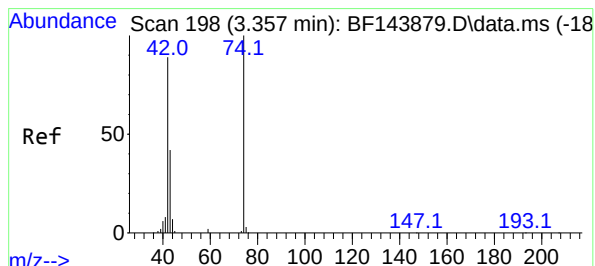
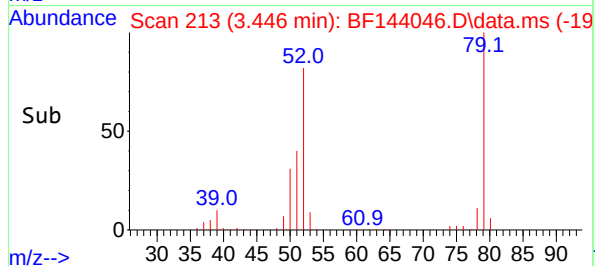
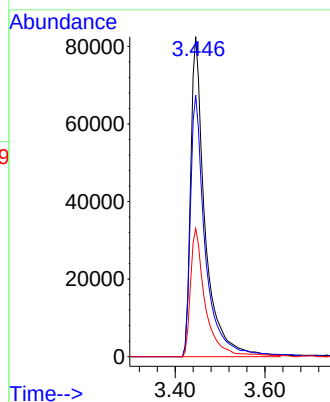
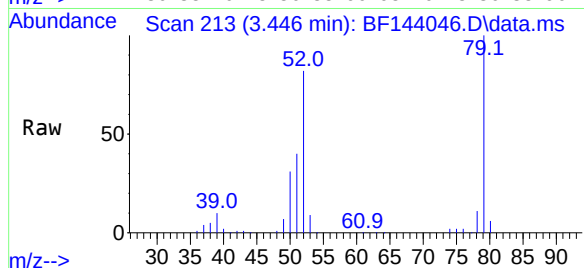
Tgt Ion: 79 Resp: 184153

Ion Ratio Lower Upper

79 100

52 81.7 71.5 107.3

51 40.0 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 49.810 ng

RT: 3.393 min Scan# 204

Delta R.T. 0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

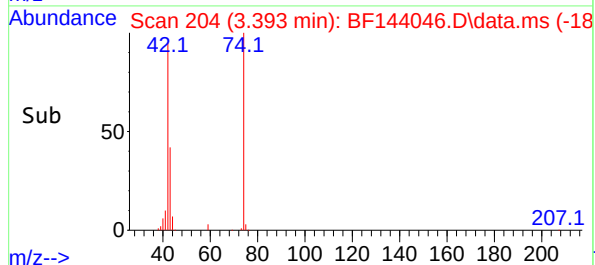
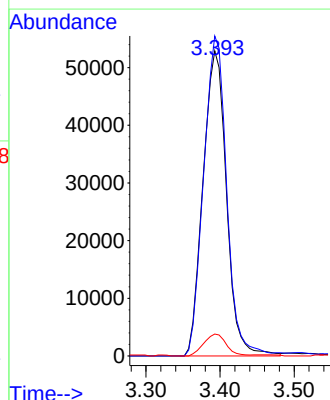
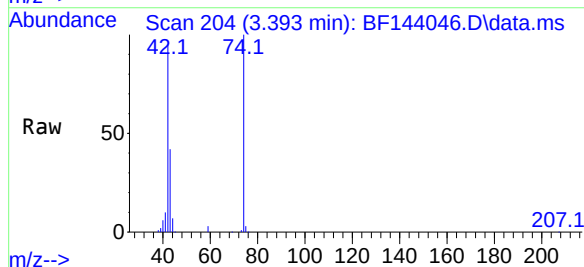
Tgt Ion: 42 Resp: 116488

Ion Ratio Lower Upper

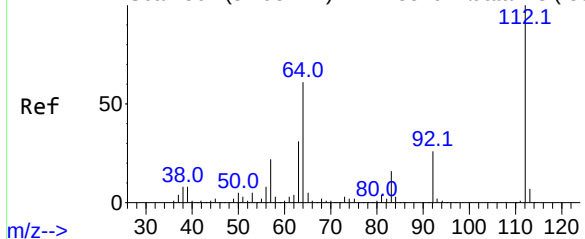
42 100

74 104.9 90.0 135.0

44 7.2 6.2 9.2



Abundance Scan 561 (5.493 min): BF143879.D\data.ms (-55



#5

2-Fluorophenol

Concen: 95.454 ng

RT: 5.499 min Scan# 5

Delta R.T. 0.000 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:112 Resp: 315008

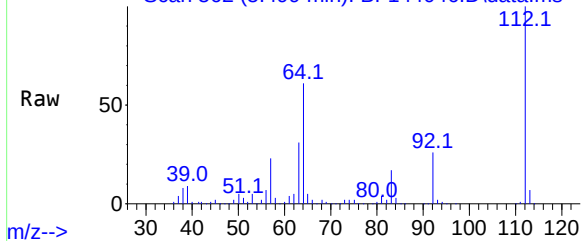
Ion Ratio Lower Upper

112 100

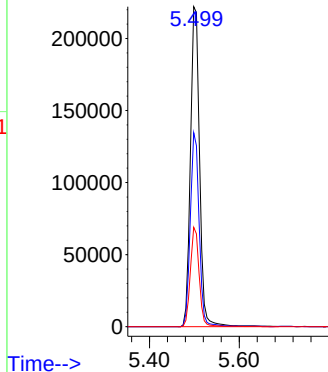
64 60.6 49.1 73.7

63 31.1 24.5 36.7

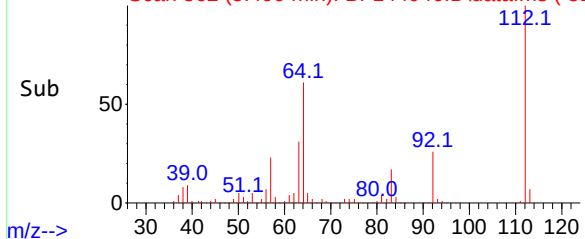
Abundance Scan 562 (5.499 min): BF144046.D\data.ms



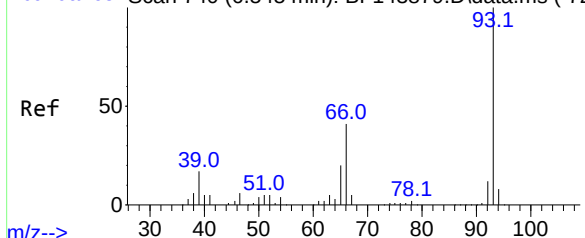
Abundance



Abundance Scan 562 (5.499 min): BF144046.D\data.ms (-51



Abundance Scan 740 (6.545 min): BF143879.D\data.ms (-72



#6

Aniline

Concen: 31.348 ng

RT: 6.546 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion: 93 Resp: 184778

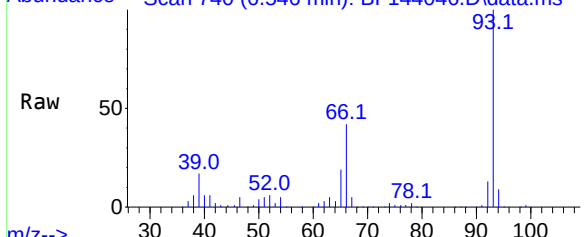
Ion Ratio Lower Upper

93 100

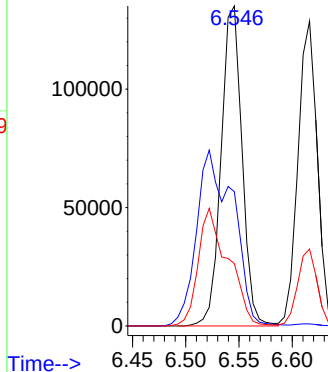
66 41.9 33.0 49.6

65 19.5 15.8 23.8

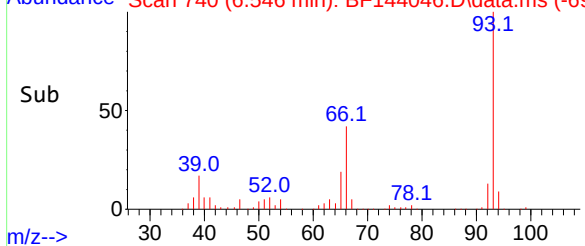
Abundance Scan 740 (6.546 min): BF144046.D\data.ms

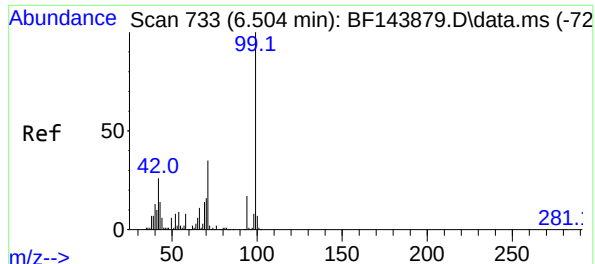


Abundance



Abundance Scan 740 (6.546 min): BF144046.D\data.ms (-69

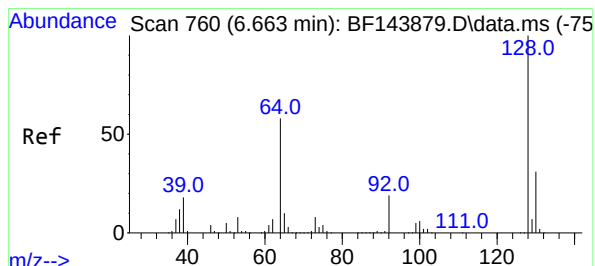
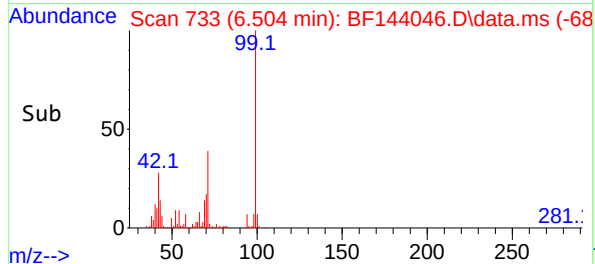
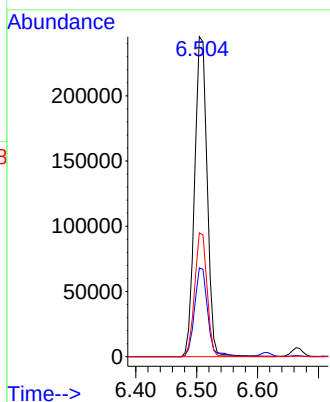
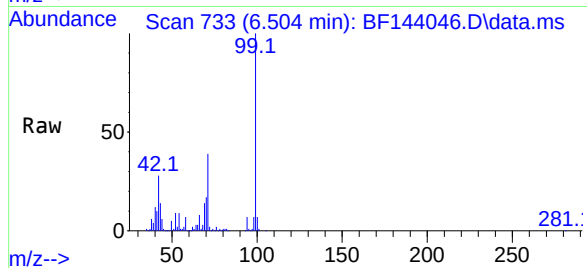




#7
Phenol-d6
Concen: 89.457 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

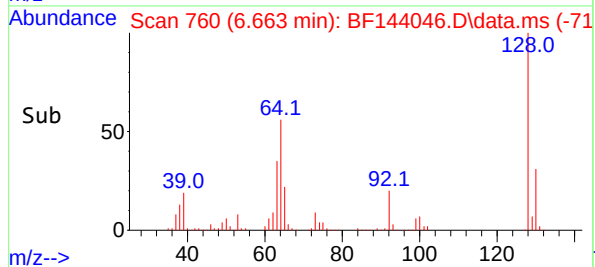
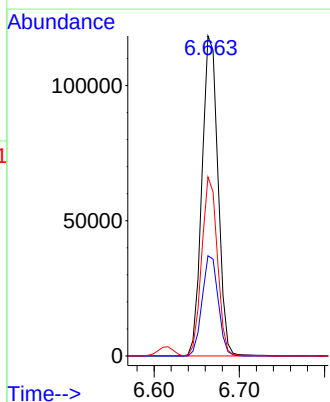
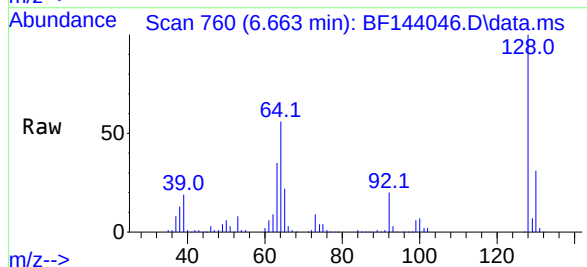
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

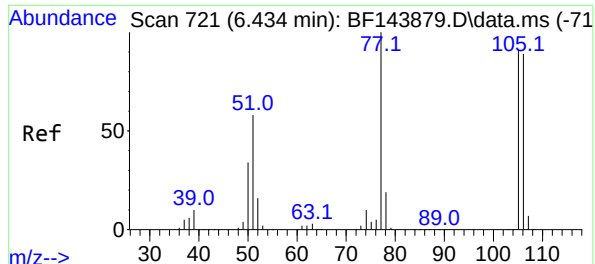
Tgt Ion: 99 Resp: 351883
Ion Ratio Lower Upper
99 100
42 27.8 21.0 31.4
71 38.7 27.8 41.8



#8
2-Chlorophenol
Concen: 47.941 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 128 Resp: 154648
Ion Ratio Lower Upper
128 100
130 31.3 10.7 50.7
64 55.9 39.0 79.0

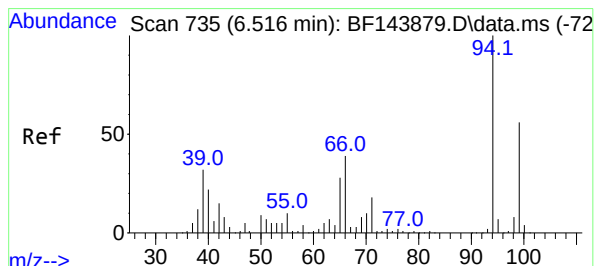
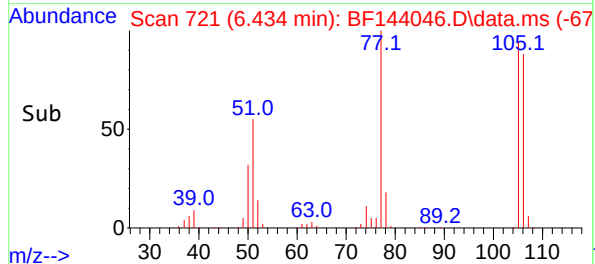
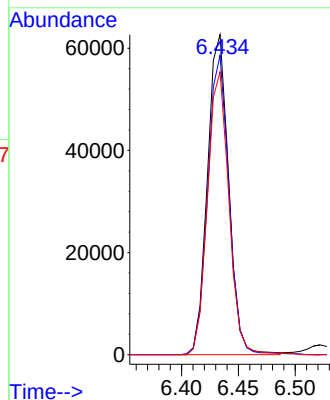
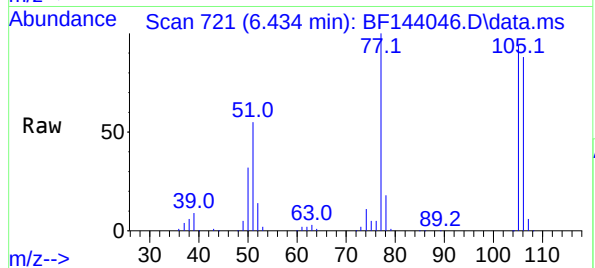




#9
Benzaldehyde
Concen: 26.805 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

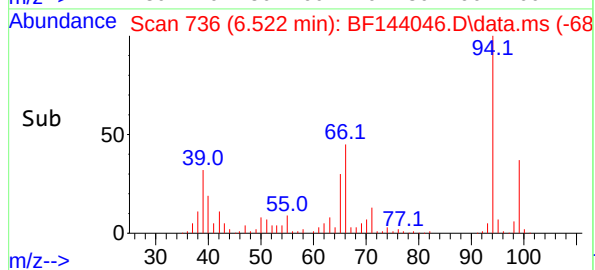
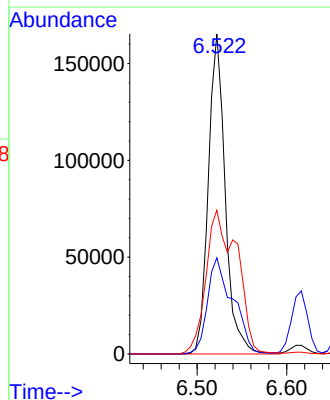
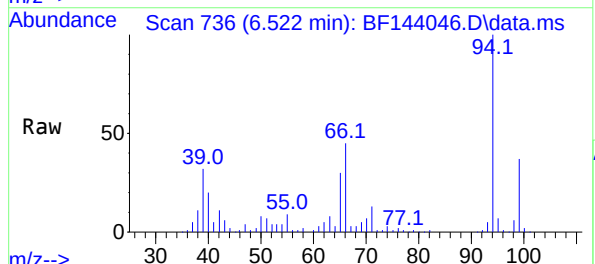
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

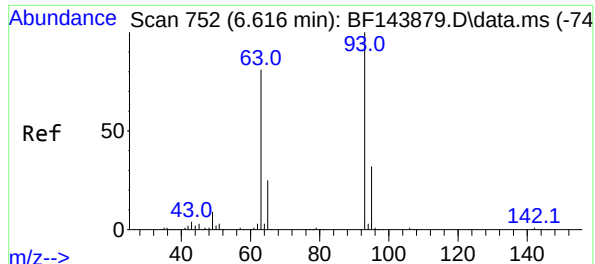
Tgt Ion: 77 Resp: 81335
Ion Ratio Lower Upper
77 100
105 93.6 70.9 110.9
106 88.4 68.9 108.9



#10
Phenol
Concen: 46.001 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 94 Resp: 216329
Ion Ratio Lower Upper
94 100
65 30.1 8.5 48.5
66 44.9 19.9 59.9

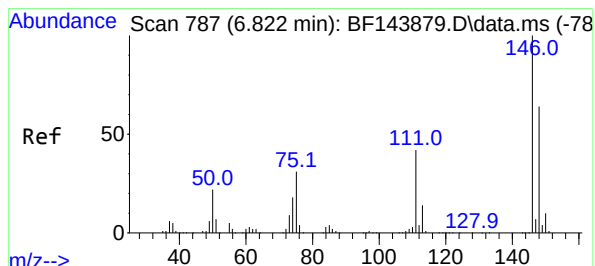
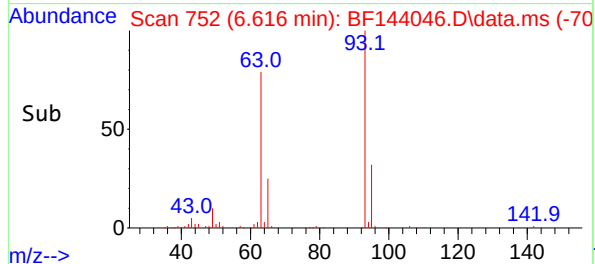
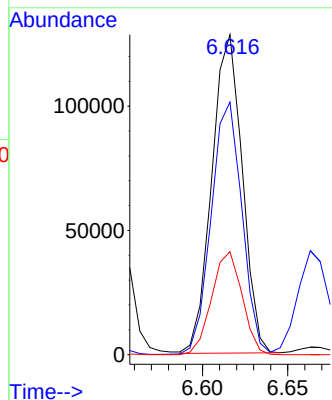
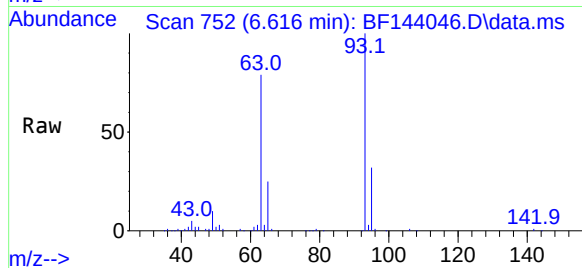




#11
bis(2-Chloroethyl)ether
Concen: 43.888 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

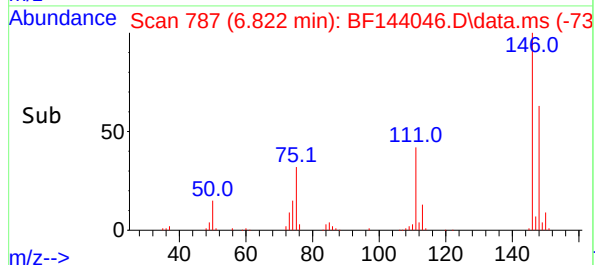
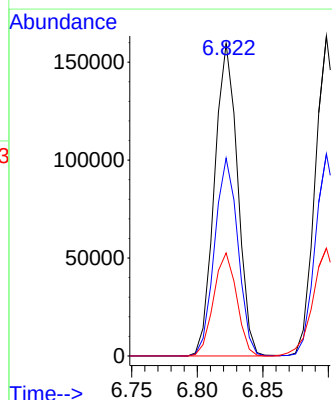
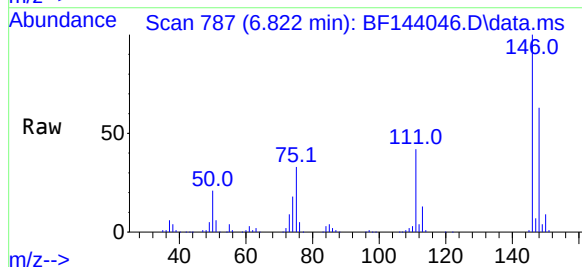
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion: 93 Resp: 159431
Ion Ratio Lower Upper
93 100
63 79.0 60.9 100.9
95 32.2 11.5 51.5

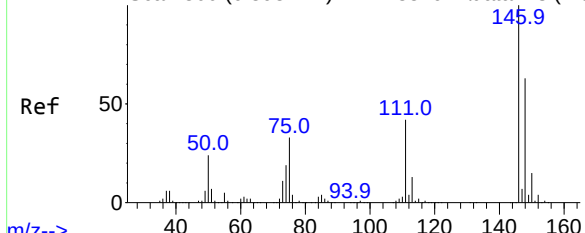


#12
1,3-Dichlorobenzene
Concen: 50.640 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:146 Resp: 195541
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 33.0 24.9 37.3

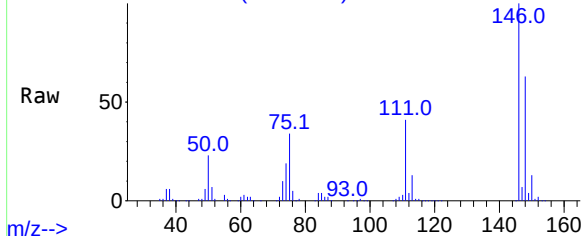


Abundance Scan 800 (6.898 min): BF143879.D\data.ms (-79



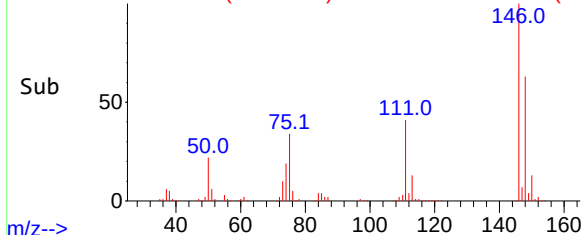
m/z-->

Abundance Scan 800 (6.898 min): BF144046.D\data.ms



m/z-->

Abundance Scan 800 (6.898 min): BF144046.D\data.ms (-75



m/z-->

#13

1,4-Dichlorobenzene

Concen: 52.132 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

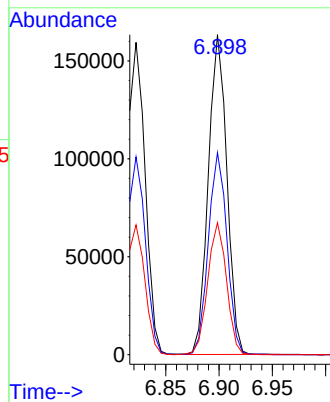
Tgt Ion:146 Resp: 198566

Ion Ratio Lower Upper

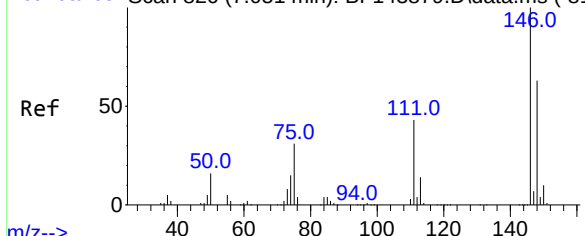
146 100

148 63.1 50.5 75.7

111 41.3 33.4 50.0

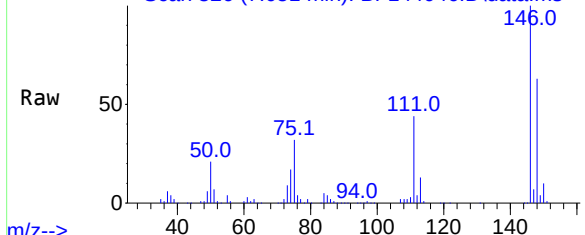


Abundance Scan 826 (7.051 min): BF143879.D\data.ms (-81



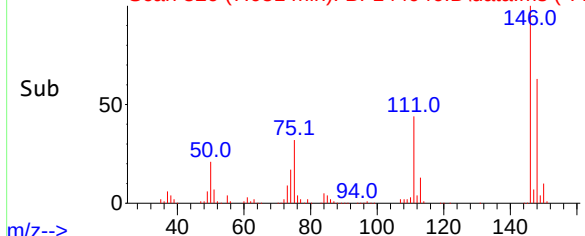
m/z-->

Abundance Scan 826 (7.051 min): BF144046.D\data.ms



m/z-->

Abundance Scan 826 (7.051 min): BF144046.D\data.ms (-77



m/z-->

#14

1,2-Dichlorobenzene

Concen: 51.493 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

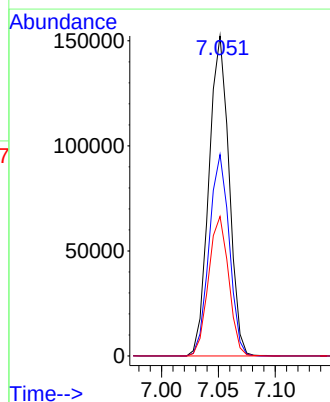
Tgt Ion:146 Resp: 187864

Ion Ratio Lower Upper

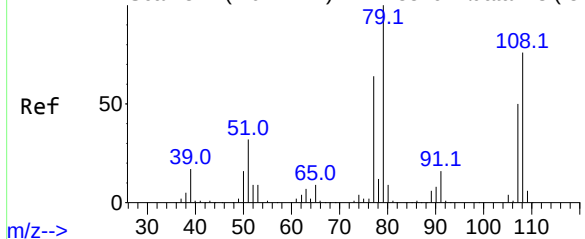
146 100

148 62.9 50.6 75.8

111 43.6 34.6 51.8



Abundance Scan 821 (7.022 min): BF143879.D\data.ms (-81



#15

Benzyl Alcohol

Concen: 49.550 ng

RT: 7.022 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion: 79 Resp: 146036

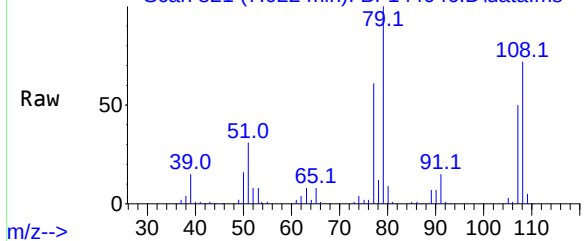
Ion Ratio Lower Upper

79 100

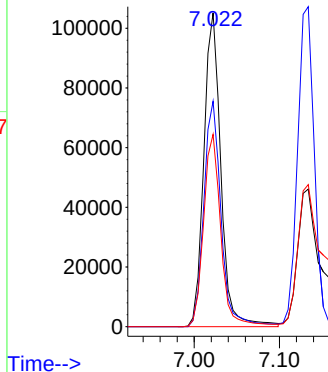
108 71.9 60.8 91.2

77 61.3 51.0 76.6

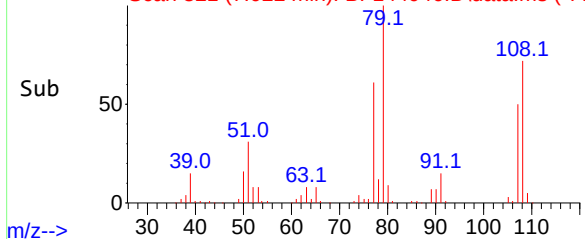
Abundance Scan 821 (7.022 min): BF144046.D\data.ms



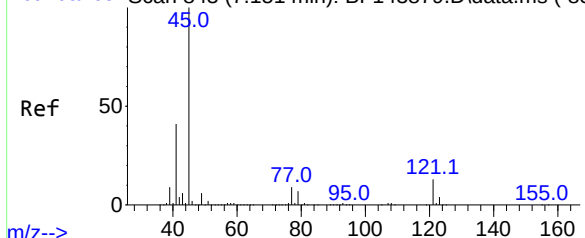
Abundance



Abundance Scan 821 (7.022 min): BF144046.D\data.ms (-77



Abundance Scan 843 (7.151 min): BF143879.D\data.ms (-83



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.549 ng

RT: 7.151 min Scan# 843

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion: 45 Resp: 318759

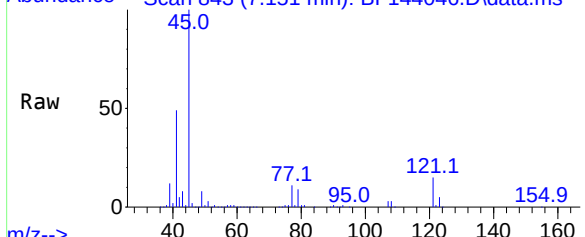
Ion Ratio Lower Upper

45 100

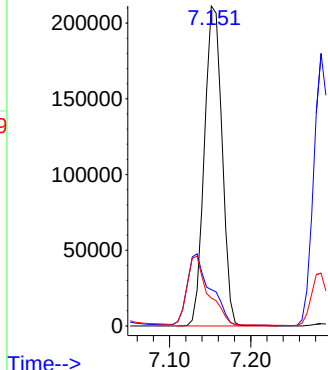
77 11.3 0.0 29.0

79 8.7 0.0 26.8

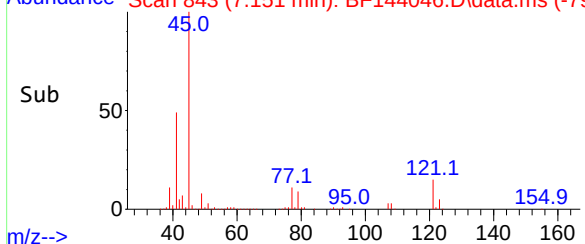
Abundance Scan 843 (7.151 min): BF144046.D\data.ms



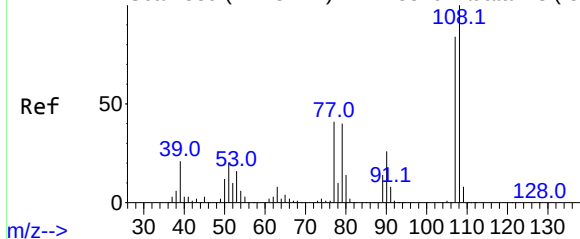
Abundance



Abundance Scan 843 (7.151 min): BF144046.D\data.ms (-79



Abundance Scan 839 (7.128 min): BF143879.D\data.ms (-83



#17

2-Methylphenol

Concen: 46.853 ng

RT: 7.134 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

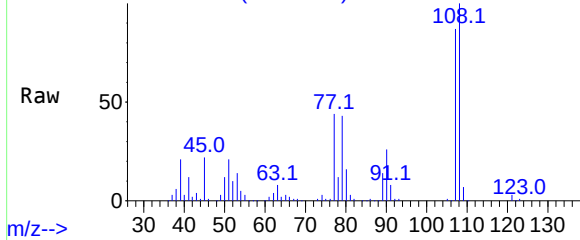
Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Abundance Scan 840 (7.134 min): BF144046.D\data.ms



Tgt Ion:107 Resp: 124908

Ion Ratio Lower Upper

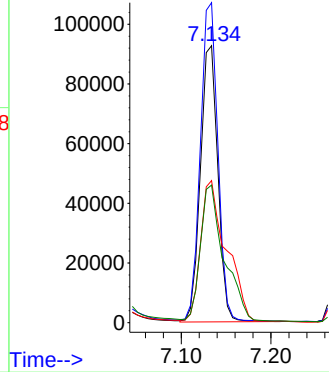
107 100

108 115.5 94.7 142.1

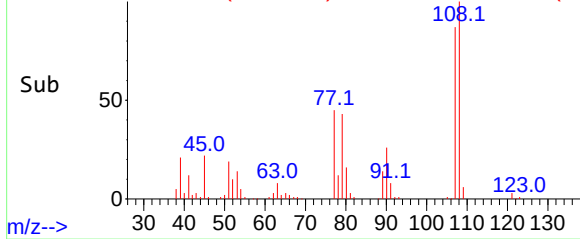
77 51.3 38.8 58.2

79 49.7 38.3 57.5

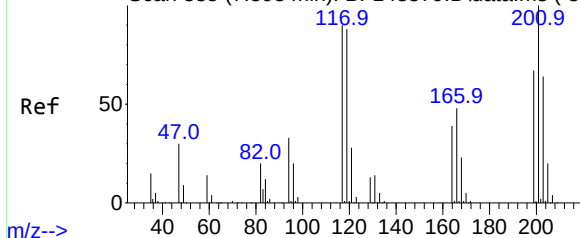
Abundance



Abundance Scan 840 (7.134 min): BF144046.D\data.ms (-78



Abundance Scan 885 (7.398 min): BF143879.D\data.ms (-87



#18

Hexachloroethane

Concen: 52.091 ng

RT: 7.393 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:117 Resp: 66169

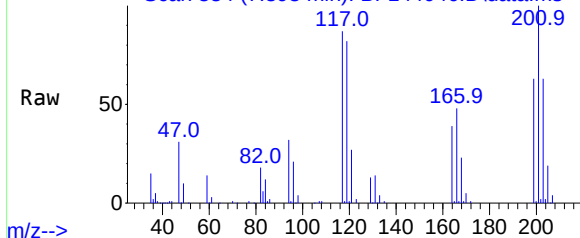
Ion Ratio Lower Upper

117 100

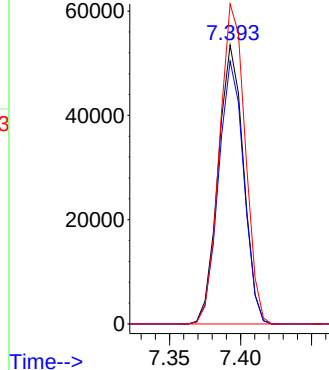
119 94.3 77.8 116.8

201 114.7 88.5 132.7

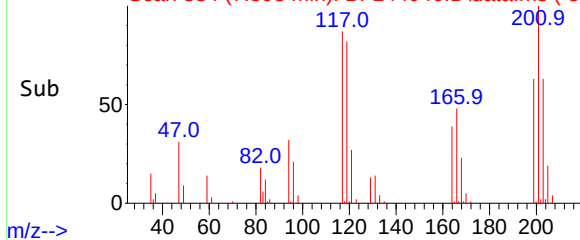
Abundance Scan 884 (7.393 min): BF144046.D\data.ms

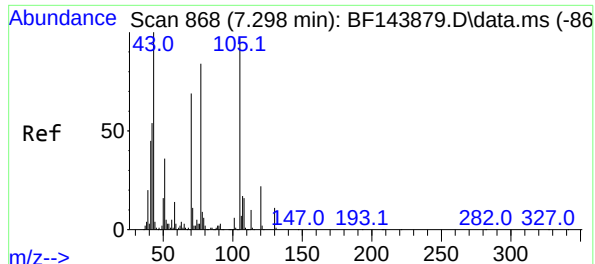


Abundance



Abundance Scan 884 (7.393 min): BF144046.D\data.ms (-83





#19

n-Nitroso-di-n-propylamine

Concen: 44.609 ng

RT: 7.287 min Scan# 8

Delta R.T. -0.029 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion: 70 Resp: 120112

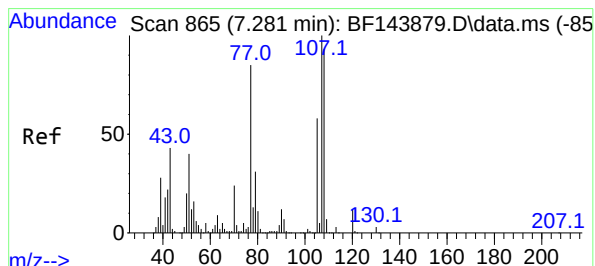
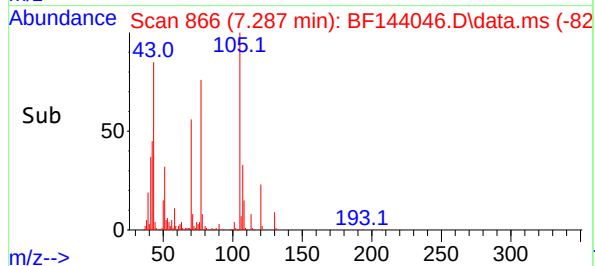
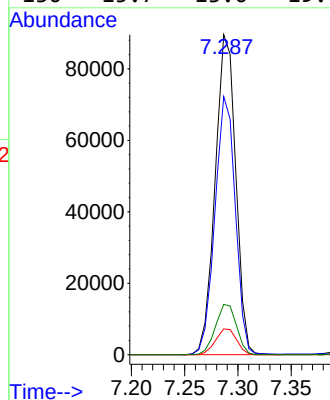
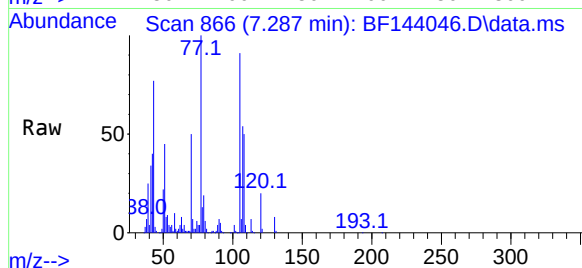
Ion Ratio Lower Upper

70 100

42 80.6 62.8 94.2

101 8.0 6.7 10.1

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 47.084 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.017 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:107 Resp: 145482

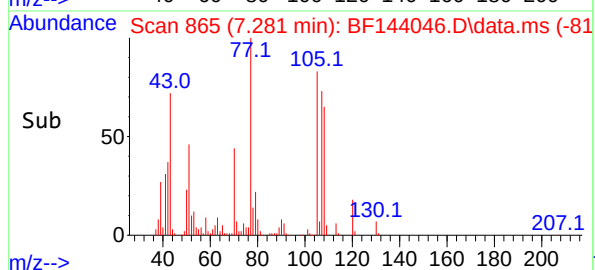
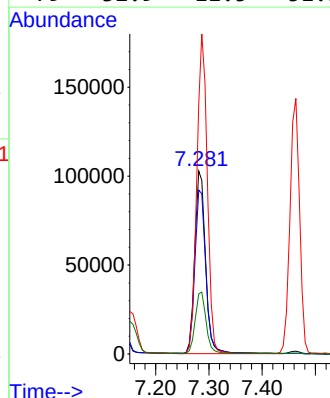
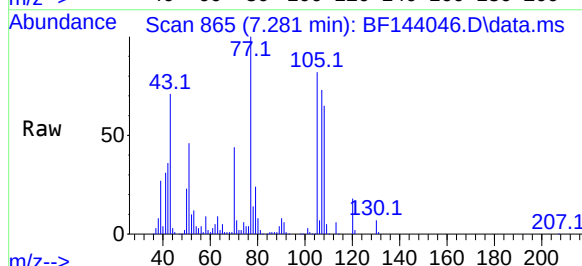
Ion Ratio Lower Upper

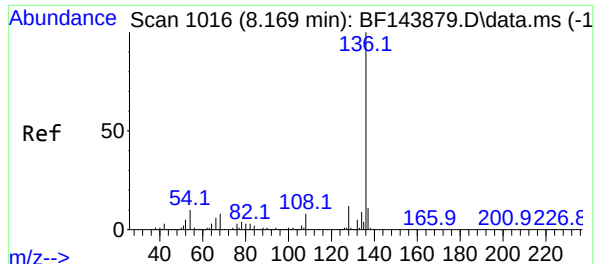
107 100

108 89.6 73.0 113.0

77 136.8 64.6 104.6#

79 32.9 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: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:136 Resp: 194453

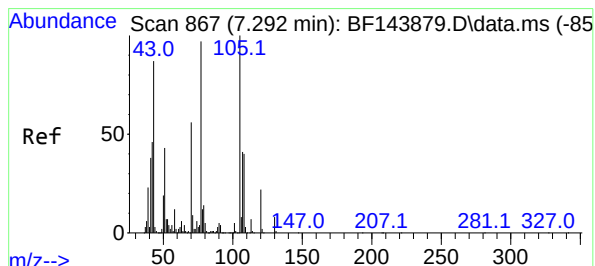
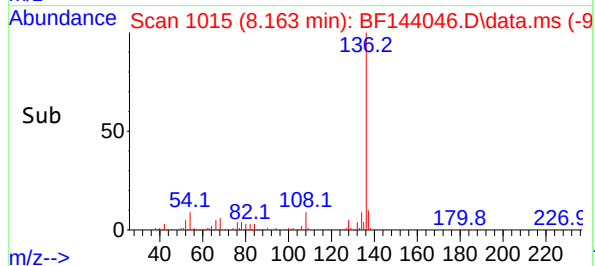
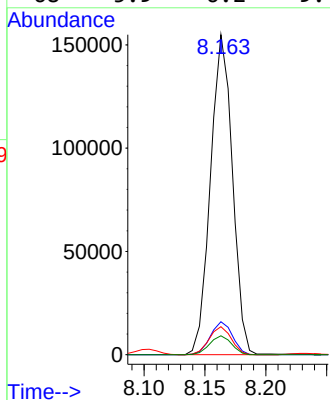
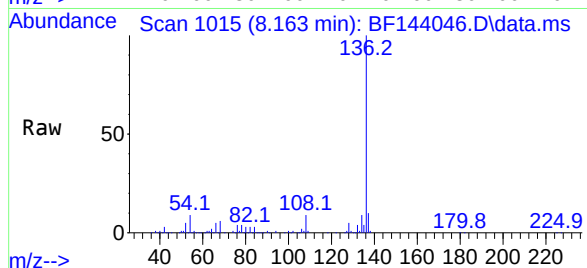
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 8.7 8.2 12.4

68 5.9 6.2 9.4#



#22

Acetophenone

Concen: 54.741 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.017 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:105 Resp: 225071

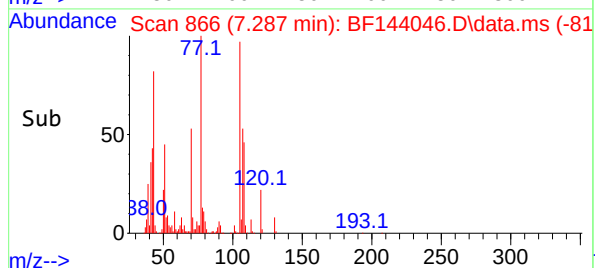
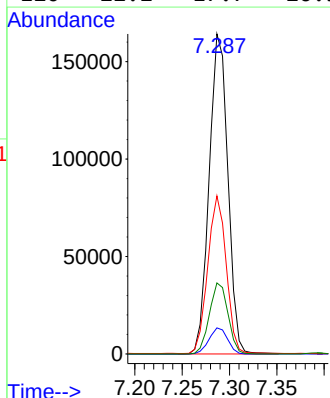
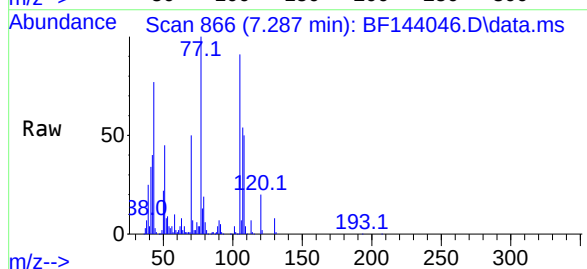
Ion Ratio Lower Upper

105 100

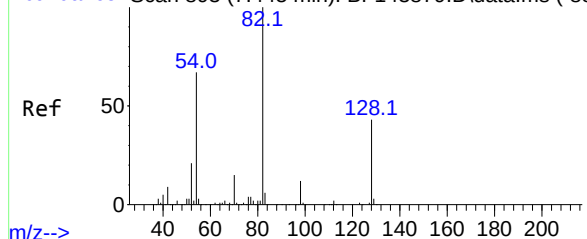
71 8.1 7.4 11.0

51 49.4 34.2 51.4

120 22.2 17.7 26.5



Abundance Scan 893 (7.445 min): BF143879.D\data.ms (-88



#23

Nitrobenzene-d5

Concen: 68.407 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.017 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

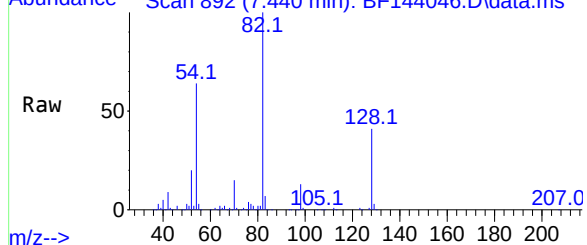
Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Abundance Scan 892 (7.440 min): BF144046.D\data.ms



Tgt Ion: 82 Resp: 218945

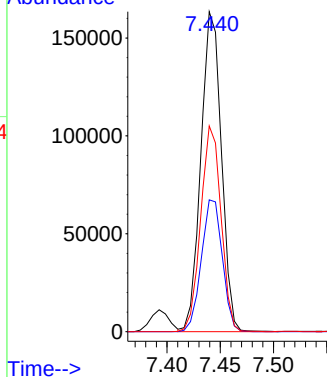
Ion Ratio Lower Upper

82 100

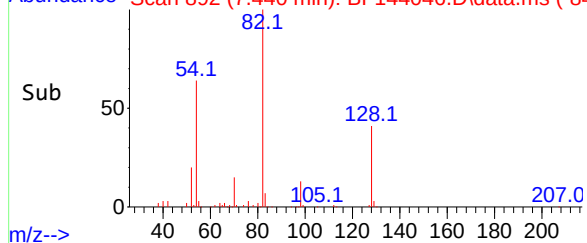
128 41.2 34.0 51.0

54 64.3 53.2 79.8

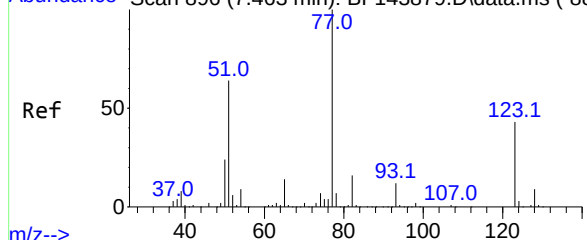
Abundance



Abundance Scan 892 (7.440 min): BF144046.D\data.ms (-84



Abundance Scan 896 (7.463 min): BF143879.D\data.ms (-88



#24

Nitrobenzene

Concen: 50.554 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion: 77 Resp: 179684

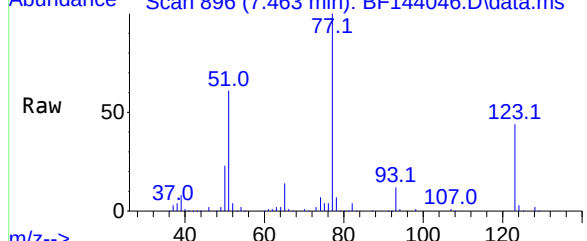
Ion Ratio Lower Upper

77 100

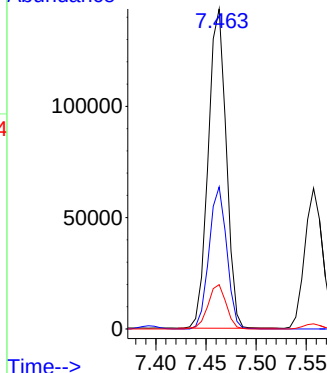
123 44.4 34.2 51.4

65 13.8 11.0 16.6

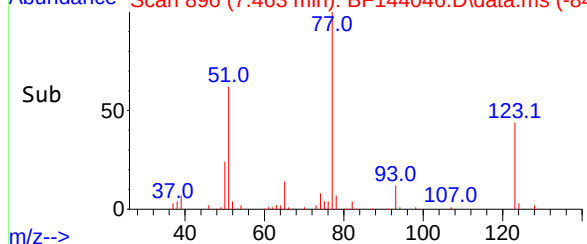
Abundance Scan 896 (7.463 min): BF144046.D\data.ms



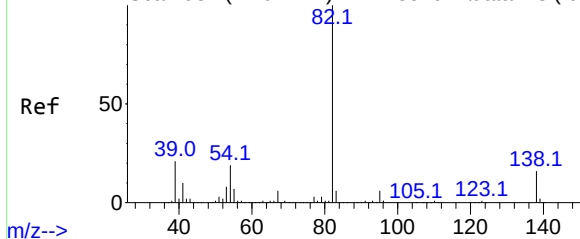
Abundance



Abundance Scan 896 (7.463 min): BF144046.D\data.ms (-84



Abundance Scan 937 (7.704 min): BF143879.D\data.ms (-93)



#25

Isophorone

Concen: 45.738 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.023 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

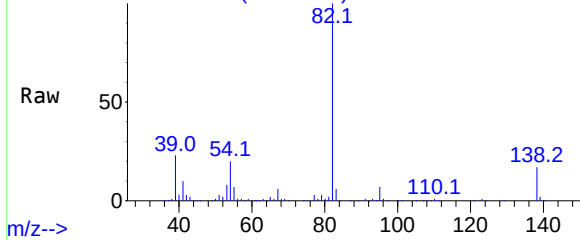
BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

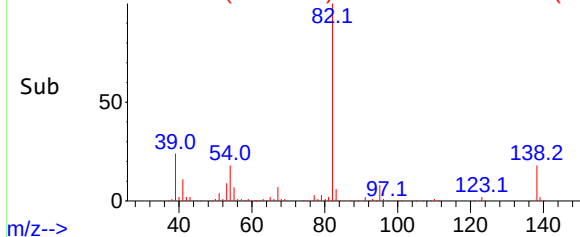
m/z-->

Abundance Scan 936 (7.698 min): BF144046.D\data.ms

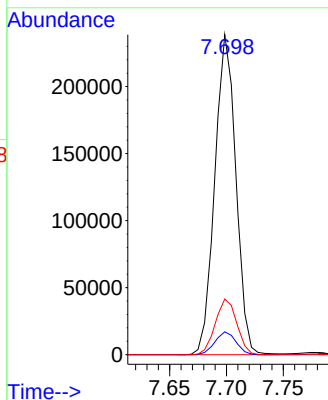


m/z-->

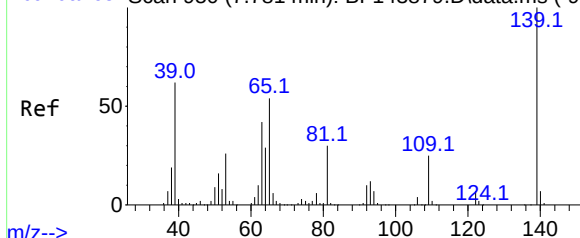
Abundance Scan 936 (7.698 min): BF144046.D\data.ms (-88)



m/z-->

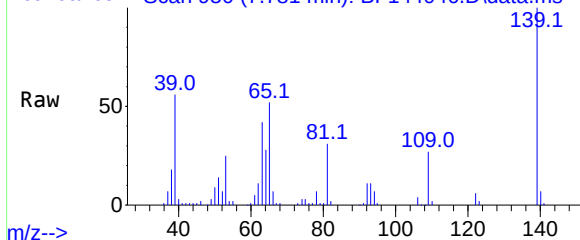


Abundance Scan 950 (7.781 min): BF143879.D\data.ms (-94)



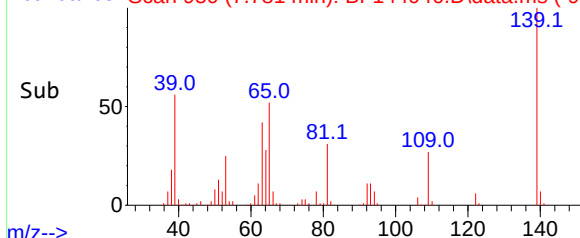
m/z-->

Abundance Scan 950 (7.781 min): BF144046.D\data.ms



m/z-->

Abundance Scan 950 (7.781 min): BF144046.D\data.ms (-90)



m/z-->

#26

2-Nitrophenol

Concen: 57.447 ng

RT: 7.781 min Scan# 950

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

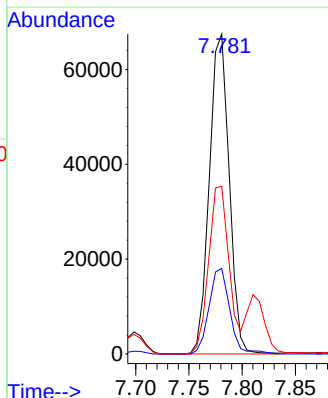
Tgt Ion:139 Resp: 87540

Ion Ratio Lower Upper

139 100

109 26.8 19.8 29.6

65 52.5 42.9 64.3



Abundance Scan 955 (7.810 min): BF143879.D\data.ms (-94

#27

2,4-Dimethylphenol

Concen: 53.293 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144046.D

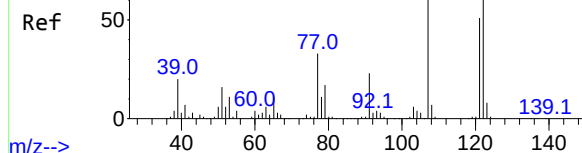
Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD



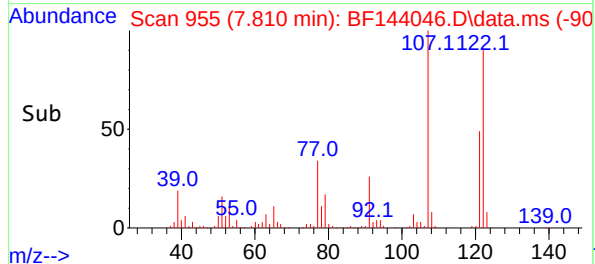
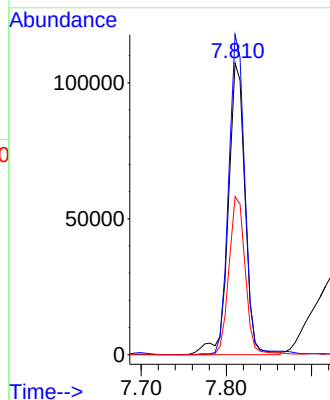
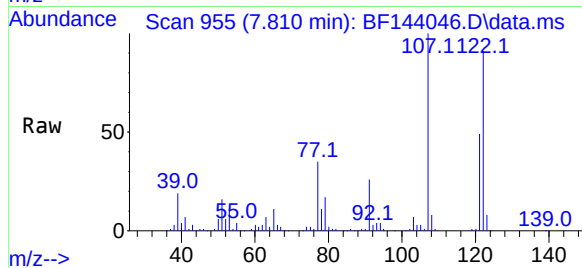
Tgt Ion:122 Resp: 146086

Ion Ratio Lower Upper

122 100

107 109.8 86.1 129.1

121 54.2 43.8 65.6



Abundance Scan 973 (7.916 min): BF143879.D\data.ms (-96

#28

bis(2-Chloroethoxy)methane

Concen: 44.755 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

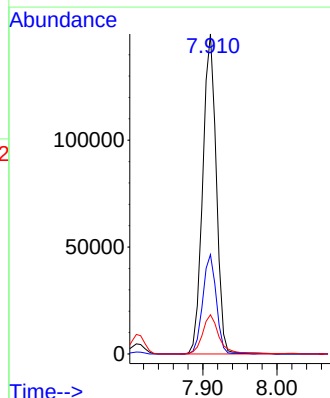
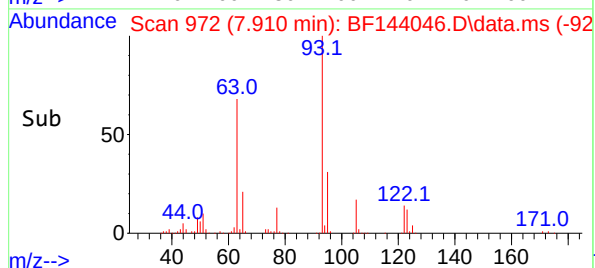
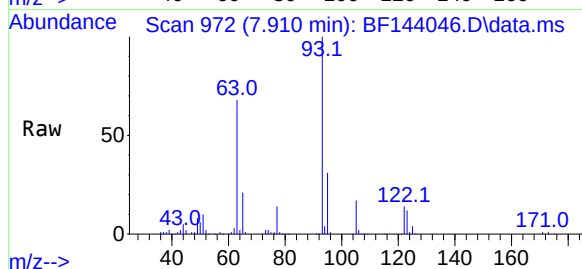
Tgt Ion: 93 Resp: 190792

Ion Ratio Lower Upper

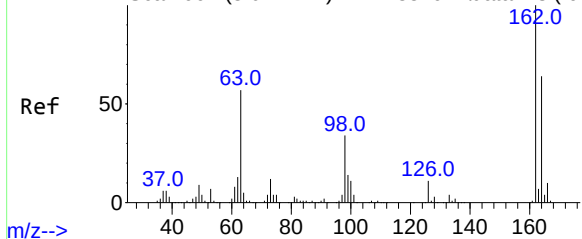
93 100

95 31.1 25.9 38.9

123 12.3 9.4 14.0



Abundance Scan 991 (8.022 min): BF143879.D\data.ms (-98



#29

2,4-Dichlorophenol

Concen: 49.220 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:162 Resp: 140538

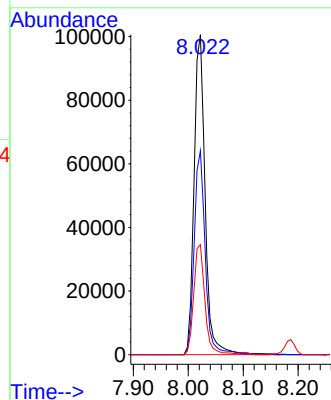
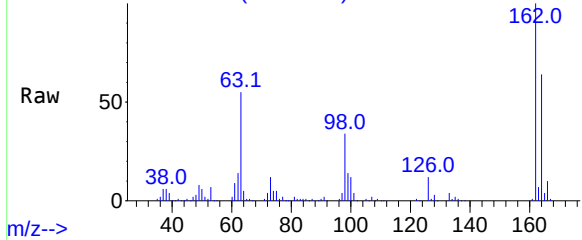
Ion Ratio Lower Upper

162 100

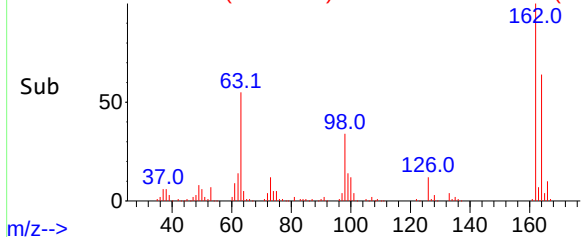
164 63.8 43.9 83.9

98 34.4 14.4 54.4

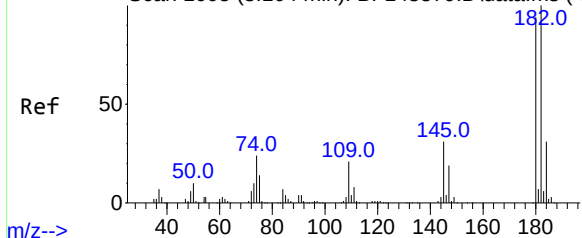
Abundance Scan 991 (8.022 min): BF144046.D\data.ms



Abundance Scan 991 (8.022 min): BF144046.D\data.ms (-94



Abundance Scan 1005 (8.104 min): BF143879.D\data.ms (-9



#30

1,2,4-Trichlorobenzene

Concen: 54.183 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:180 Resp: 152155

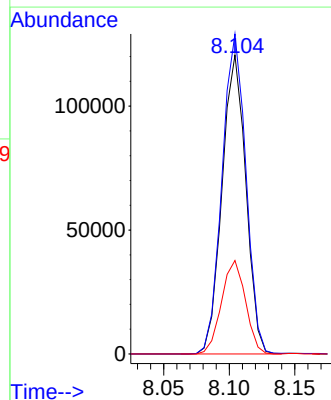
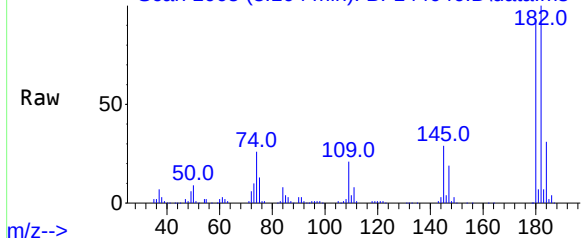
Ion Ratio Lower Upper

180 100

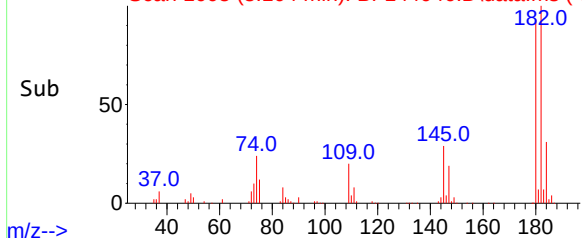
182 107.1 85.4 128.0

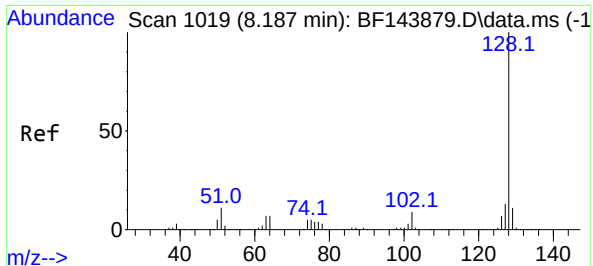
145 31.3 26.3 39.5

Abundance Scan 1005 (8.104 min): BF144046.D\data.ms



Abundance Scan 1005 (8.104 min): BF144046.D\data.ms (-9





#31

Naphthalene

Concen: 48.790 ng

RT: 8.187 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

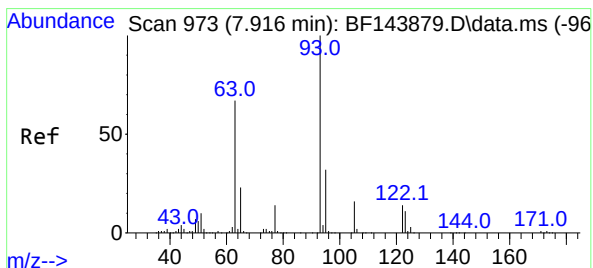
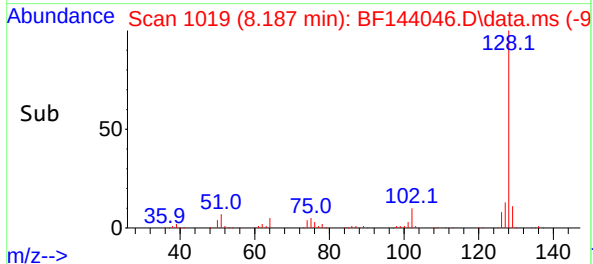
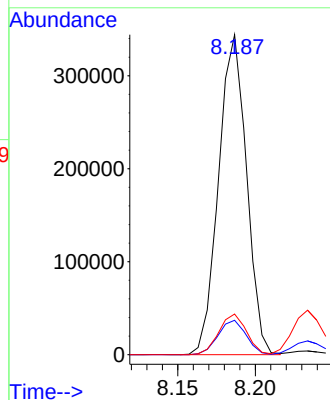
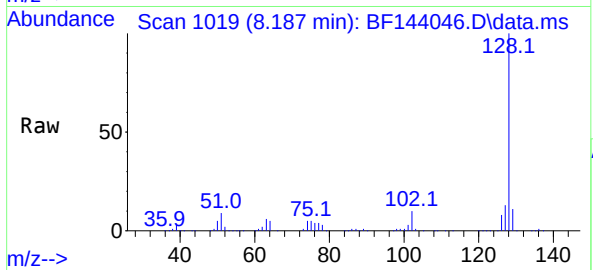
Tgt Ion:128 Resp: 431571

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 12.7 10.0 15.0



#32

Benzoic acid

Concen: 45.987 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.041 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

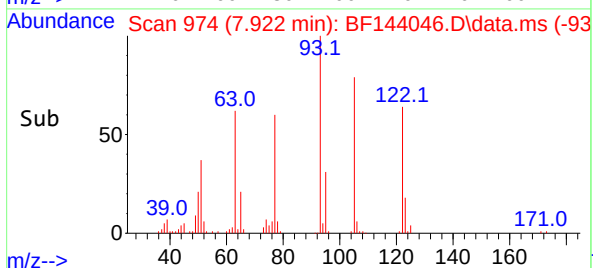
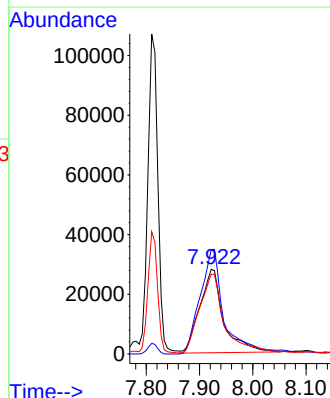
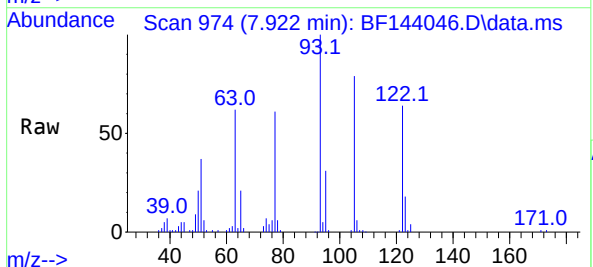
Tgt Ion:122 Resp: 87243

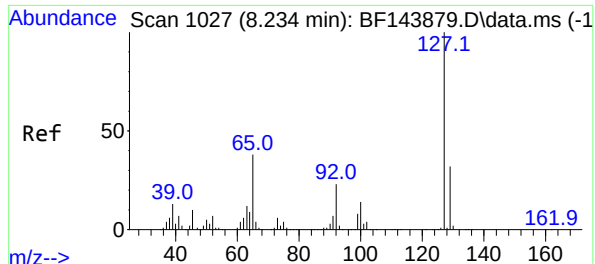
Ion Ratio Lower Upper

122 100

105 123.0 93.5 133.5

77 94.4 76.3 116.3





#33

4-Chloroaniline

Concen: 20.541 ng

RT: 8.234 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:127 Resp: 68144

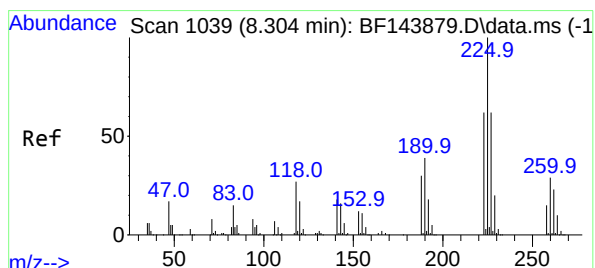
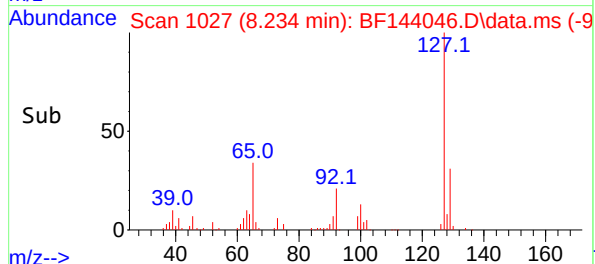
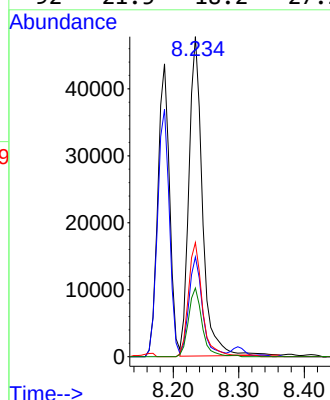
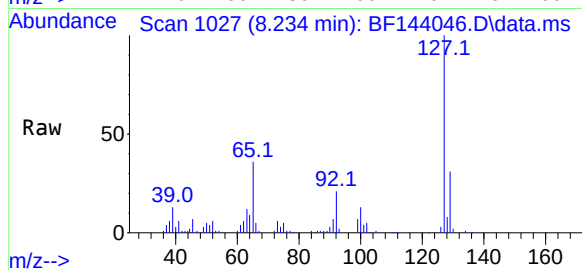
Ion Ratio Lower Upper

127 100

129 31.2 25.8 38.8

65 35.7 30.0 45.0

92 21.5 18.2 27.2



#34

Hexachlorobutadiene

Concen: 56.642 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

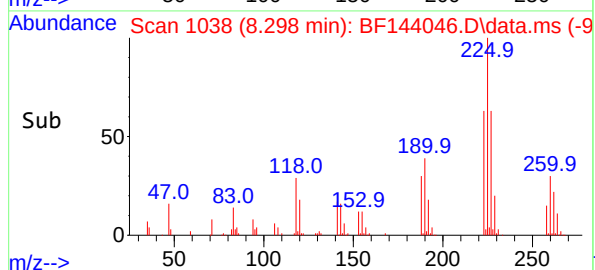
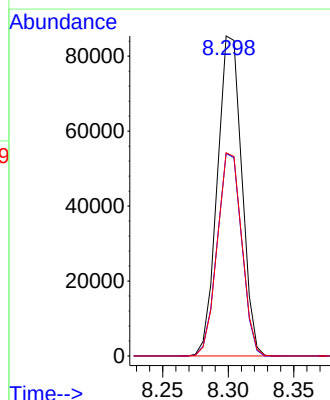
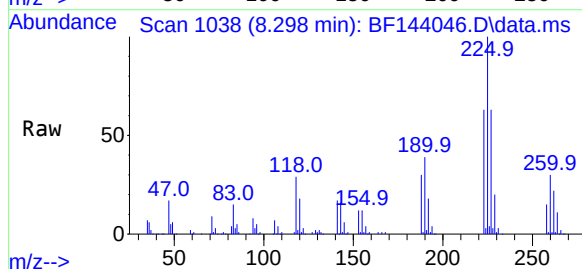
Tgt Ion:225 Resp: 110530

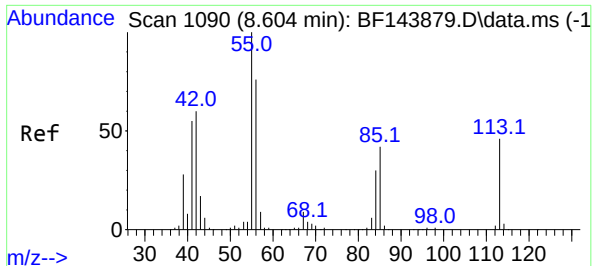
Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.2

227 63.5 49.7 74.5

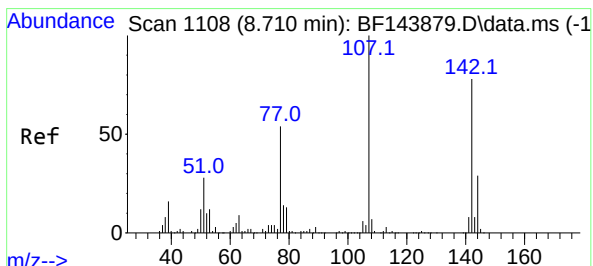
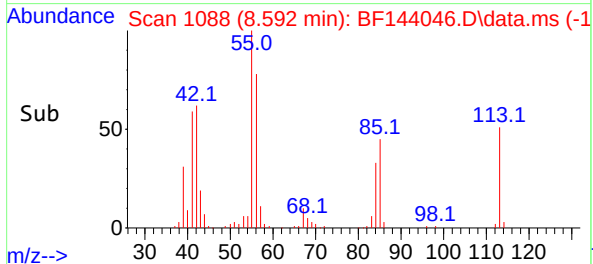
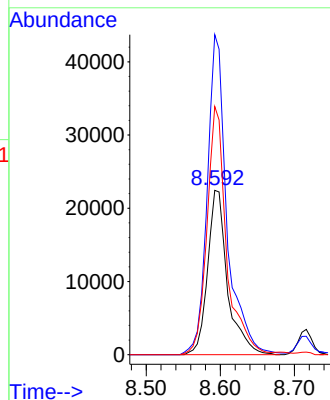
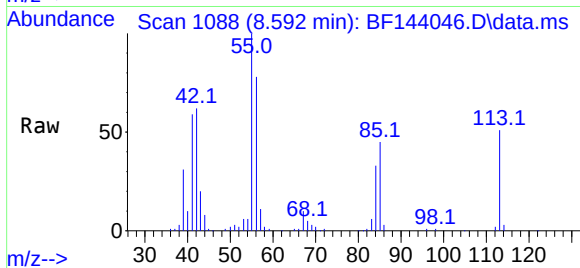




#35
Caprolactam
Concen: 46.192 ng
RT: 8.592 min Scan# 1109
Delta R.T. -0.053 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

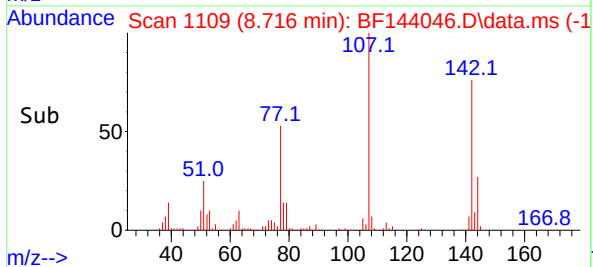
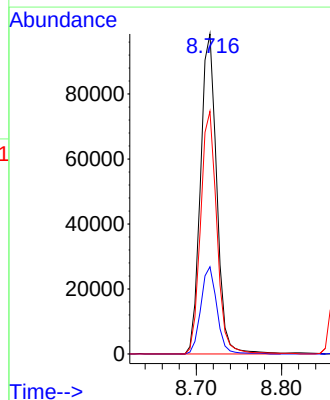
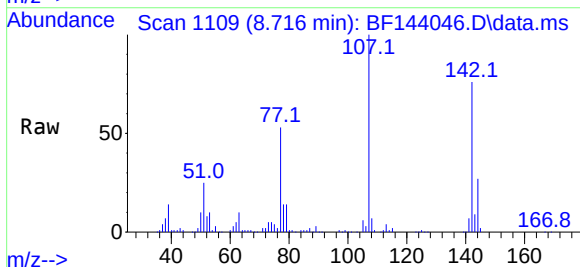
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

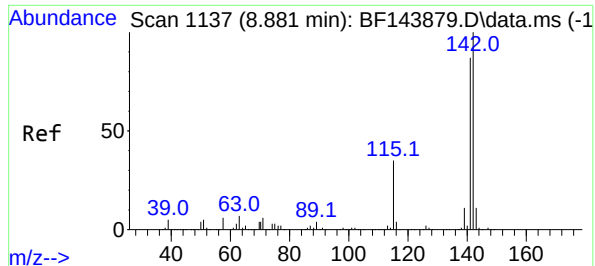
Tgt Ion:113 Resp: 41937
Ion Ratio Lower Upper
113 100
55 194.7 199.6 239.6#
56 151.0 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 47.430 ng
RT: 8.716 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:107 Resp: 130088
Ion Ratio Lower Upper
107 100
144 27.3 23.1 34.7
142 75.8 62.6 94.0





#37

2-Methylnaphthalene

Concen: 44.787 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

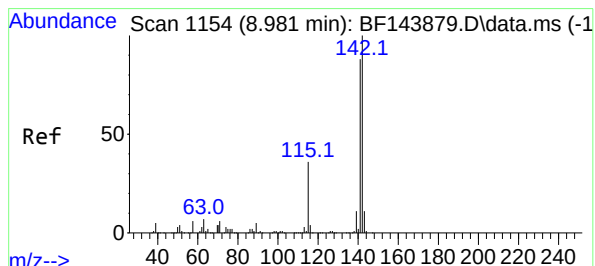
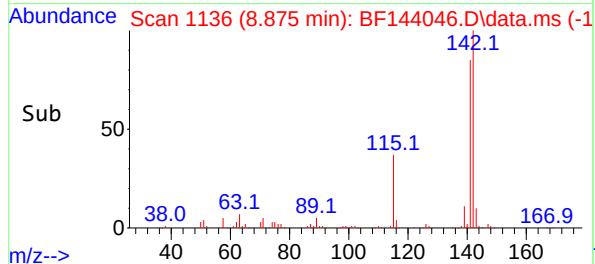
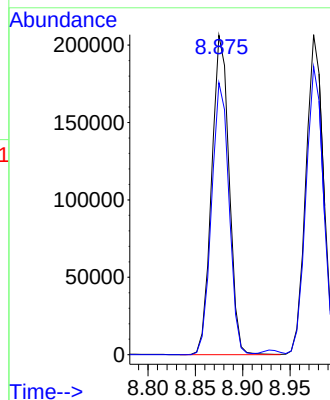
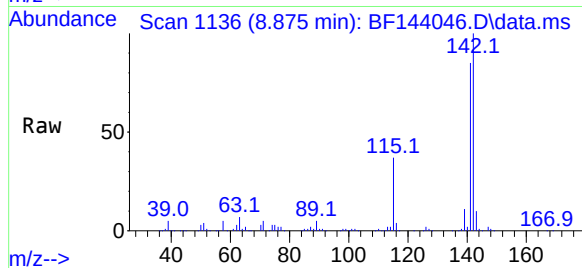
COMP-ROLLOFFMSD

Tgt Ion:142 Resp: 263894

Ion Ratio Lower Upper

142 100

141 85.2 69.2 103.8



#38

1-Methylnaphthalene

Concen: 46.124 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.011 min

Lab File: BF144046.D

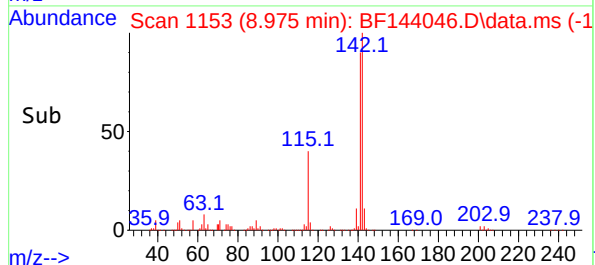
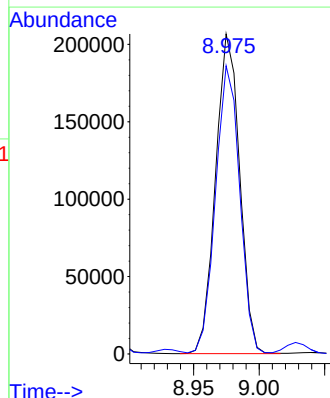
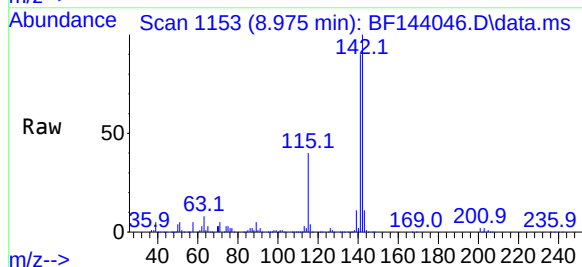
Acq: 22 Oct 2025 17:17

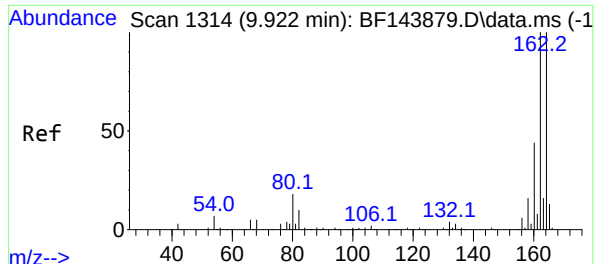
Tgt Ion:142 Resp: 263614

Ion Ratio Lower Upper

142 100

141 90.0 70.8 106.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

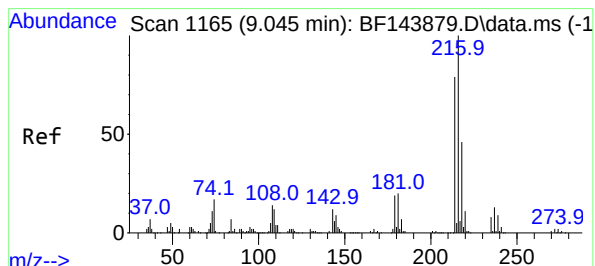
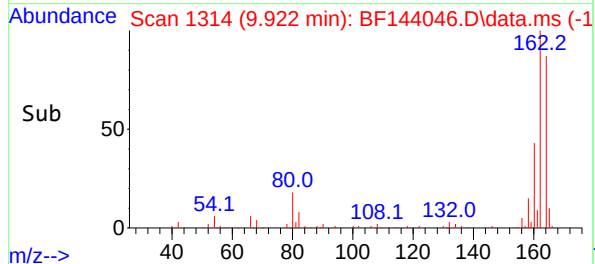
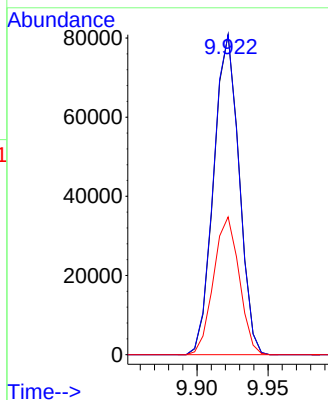
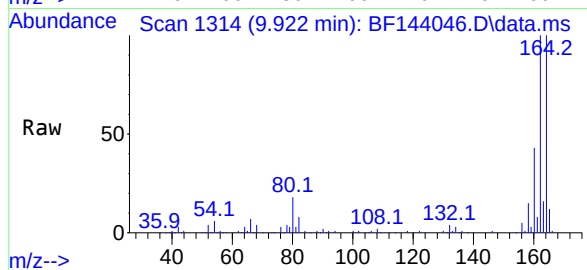
Tgt Ion:164 Resp: 100404

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 43.0 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 61.749 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:216 Resp: 171355

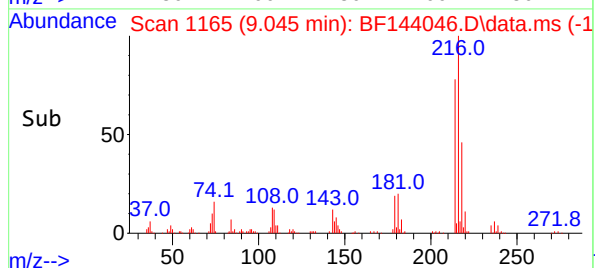
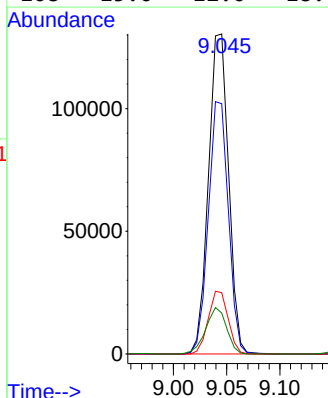
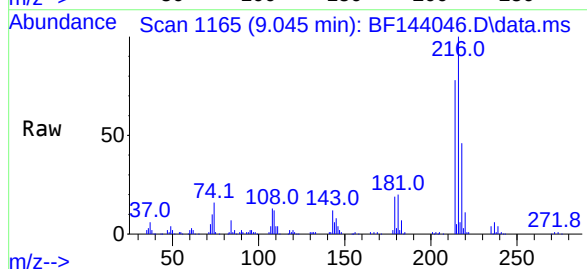
Ion Ratio Lower Upper

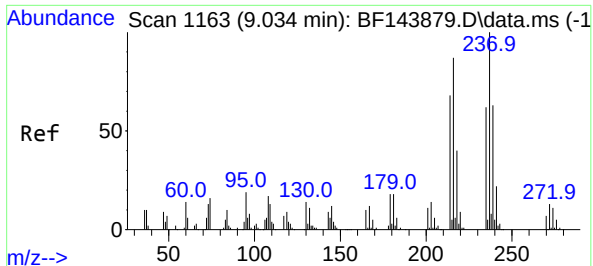
216 100

214 78.4 62.6 94.0

179 19.3 15.4 23.0

108 15.0 12.0 18.0





#41

Hexachlorocyclopentadiene

Concen: 74.523 ng

RT: 9.028 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

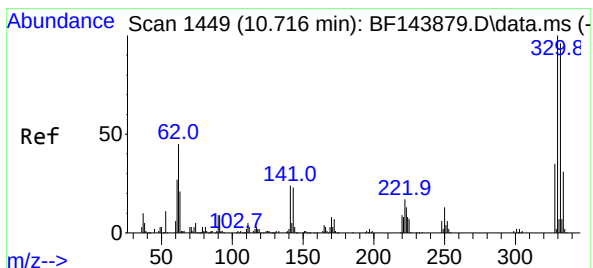
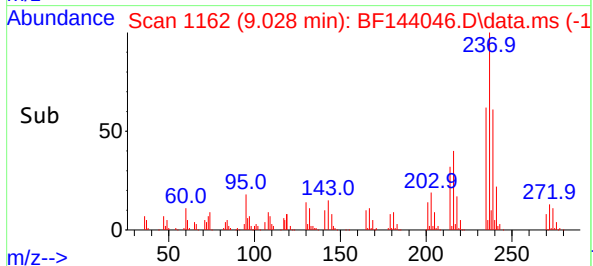
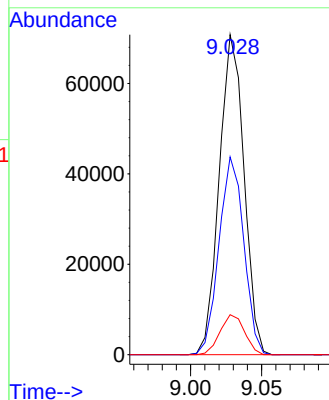
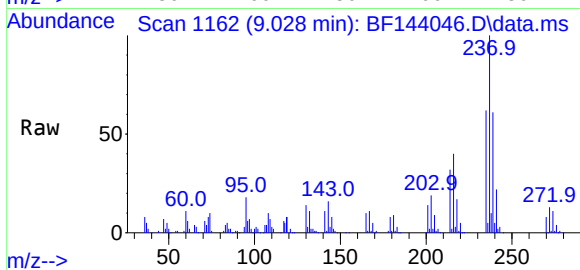
Tgt Ion:237 Resp: 85794

Ion Ratio Lower Upper

237 100

235 61.8 42.3 82.3

272 12.5 0.0 33.1



#42

2,4,6-Tribromophenol

Concen: 105.326 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

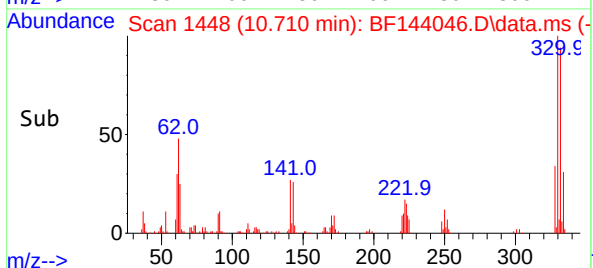
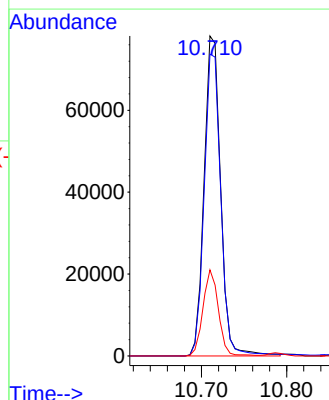
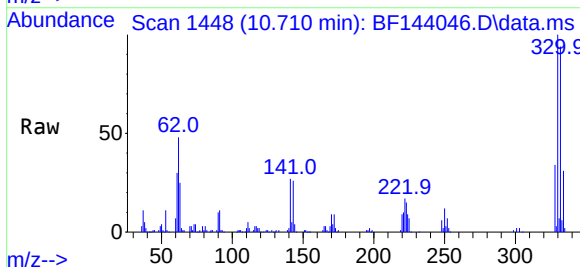
Tgt Ion:330 Resp: 105331

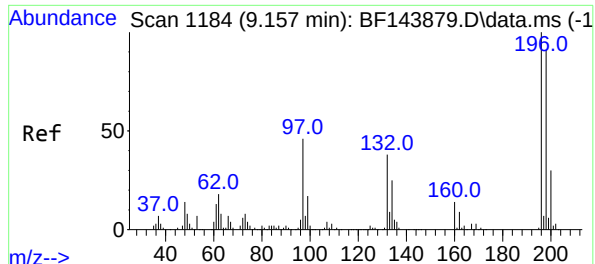
Ion Ratio Lower Upper

330 100

332 95.5 76.9 115.3

141 25.2 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 50.123 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

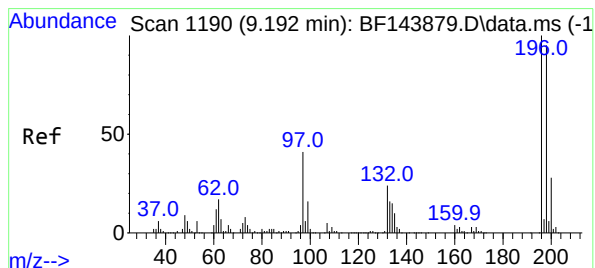
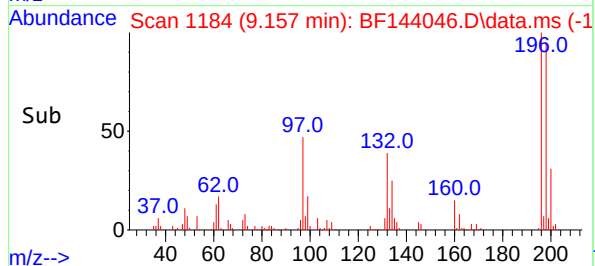
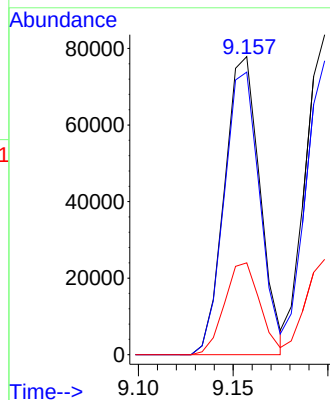
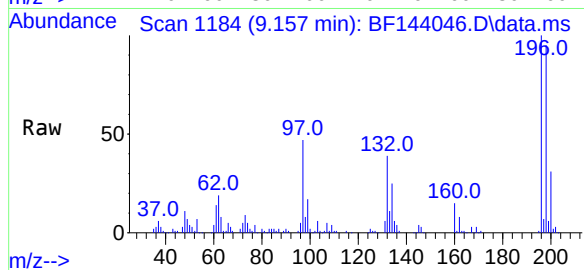
Tgt Ion:196 Resp: 101629

Ion Ratio Lower Upper

196 100

198 94.8 72.8 109.2

200 30.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 52.895 ng

RT: 9.198 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:196 Resp: 113337

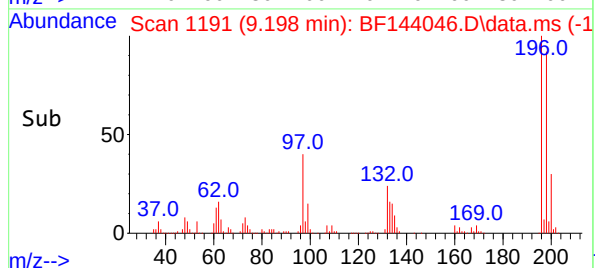
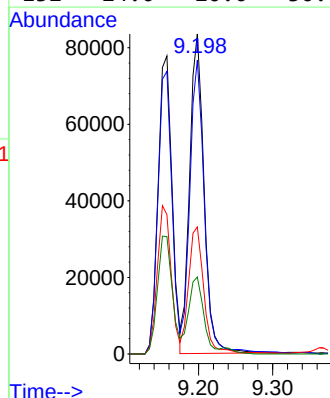
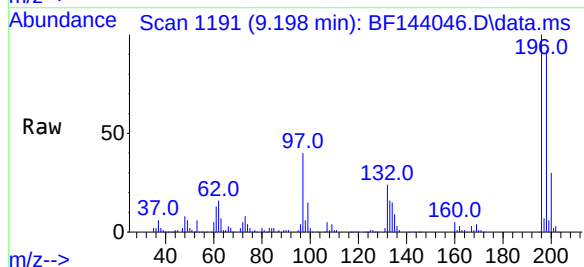
Ion Ratio Lower Upper

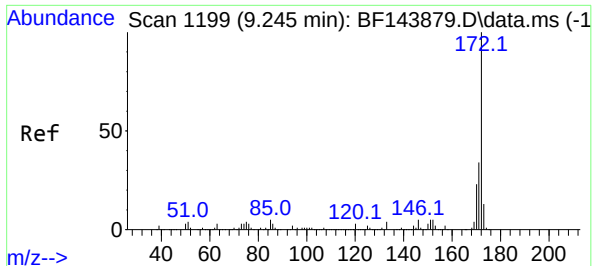
196 100

198 91.9 75.5 113.3

97 39.7 33.9 50.9

132 24.0 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 67.531 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.011 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

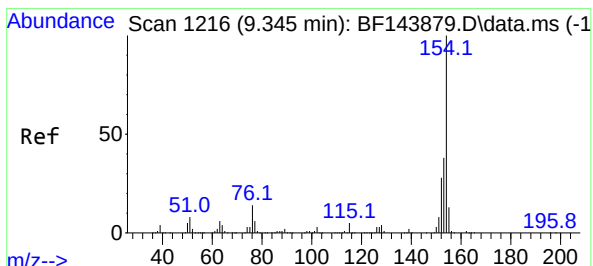
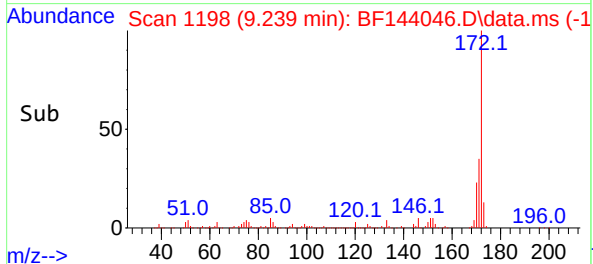
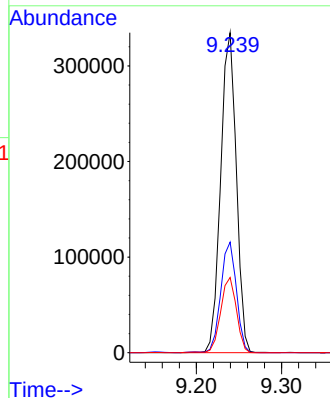
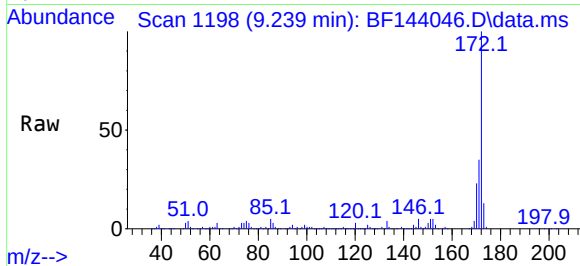
Tgt Ion:172 Resp: 427316

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 56.582 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

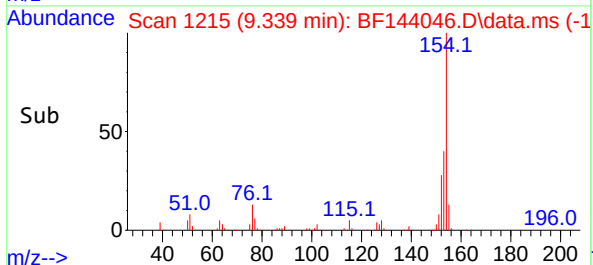
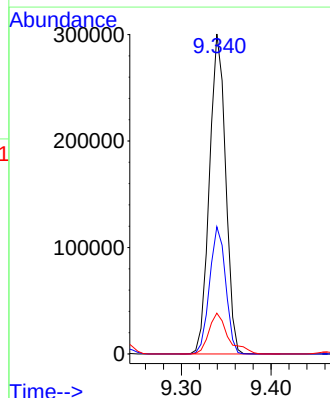
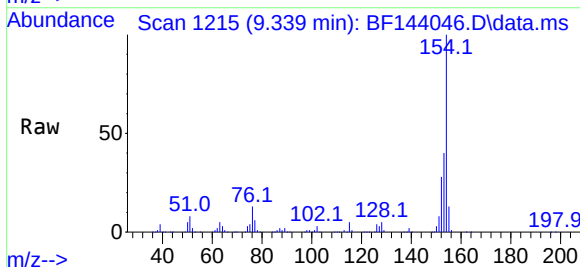
Tgt Ion:154 Resp: 376138

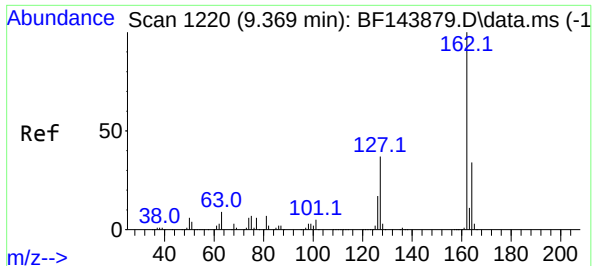
Ion Ratio Lower Upper

154 100

153 39.7 18.4 58.4

76 12.8 0.0 34.0





#47

2-Chloronaphthalene

Concen: 50.887 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

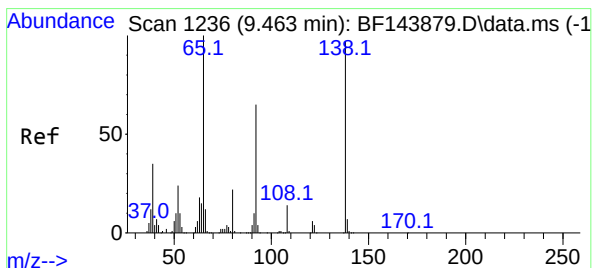
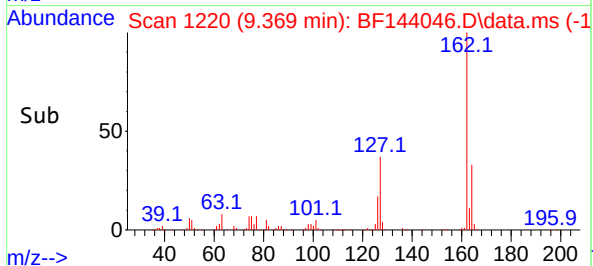
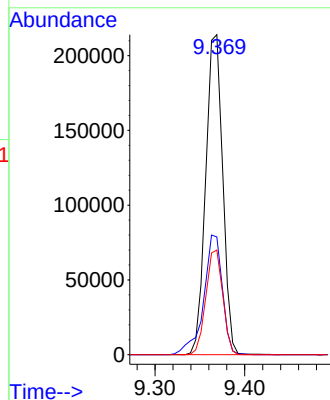
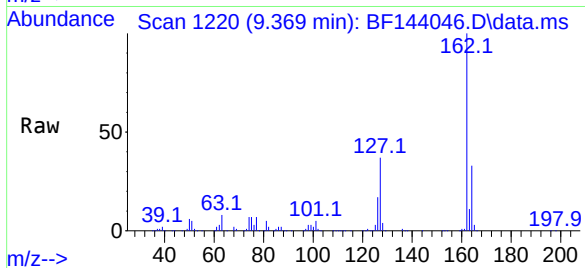
Tgt Ion:162 Resp: 282045

Ion Ratio Lower Upper

162 100

127 36.8 30.2 45.2

164 32.7 26.9 40.3



#48

2-Nitroaniline

Concen: 50.718 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

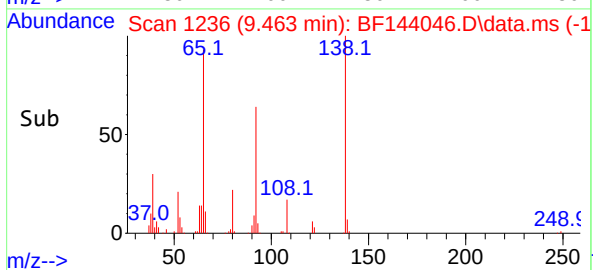
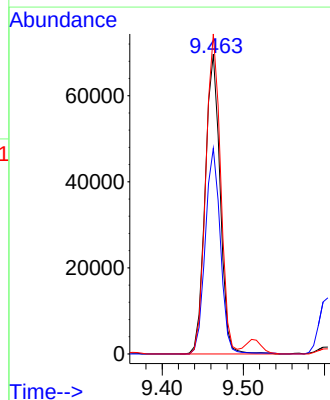
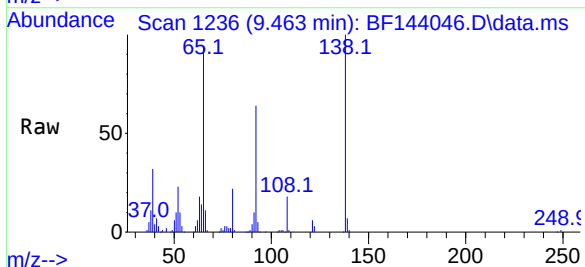
Tgt Ion: 65 Resp: 88874

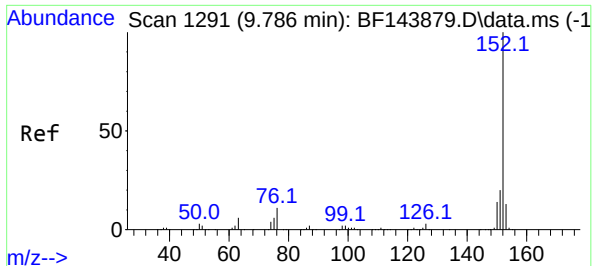
Ion Ratio Lower Upper

65 100

92 68.5 52.1 78.1

138 106.7 77.4 116.2

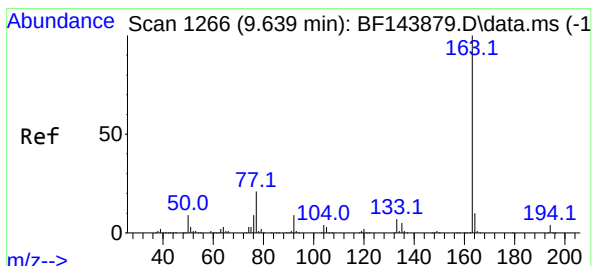
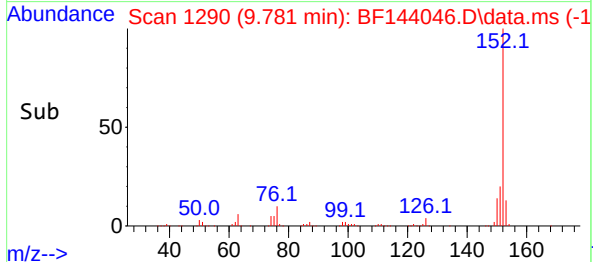
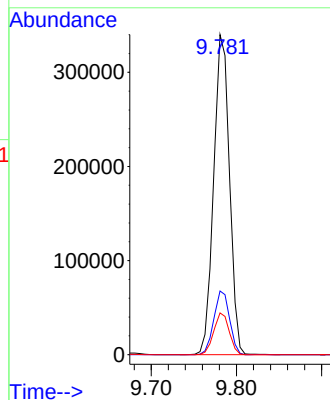
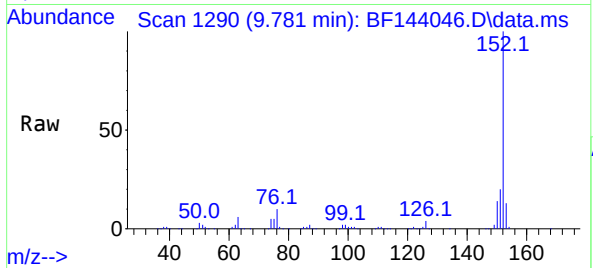




#49
Acenaphthylene
Concen: 56.398 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

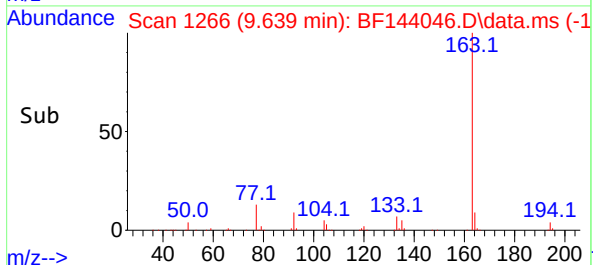
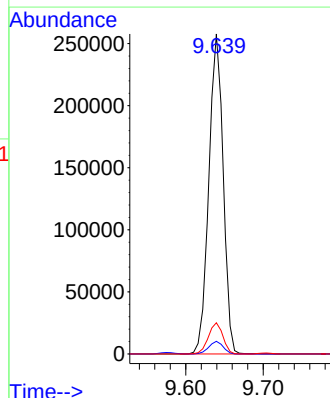
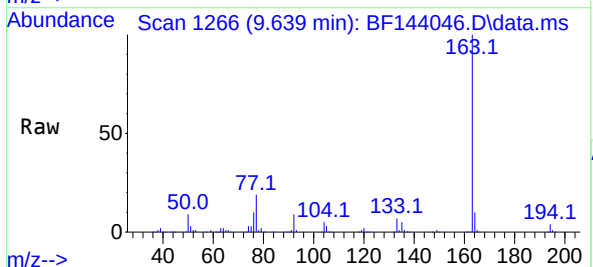
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

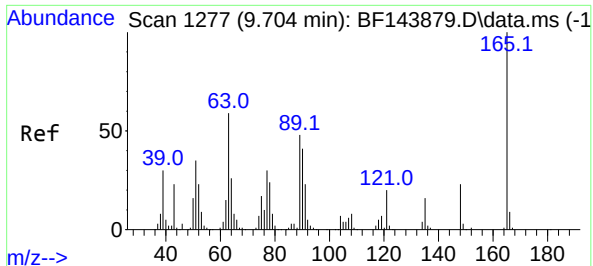
Tgt Ion:152 Resp: 439452
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.0 10.5 15.7



#50
Dimethylphthalate
Concen: 51.947 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:163 Resp: 331215
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.1 12.1

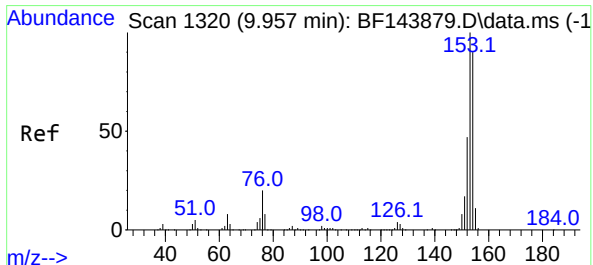
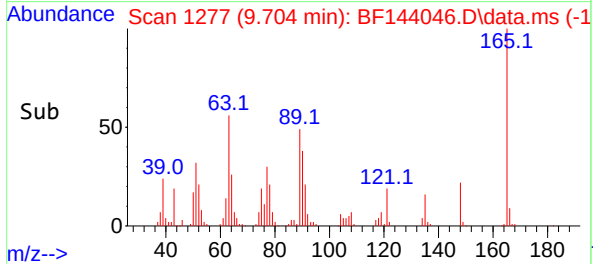
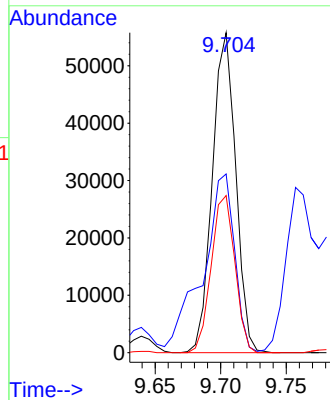
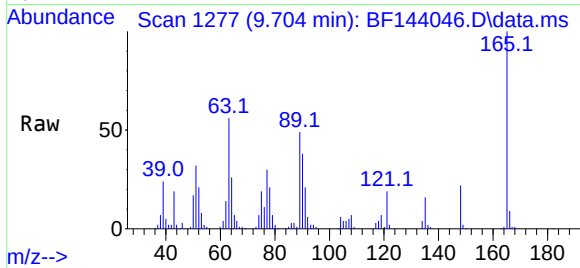




#51
2,6-Dinitrotoluene
Concen: 58.515 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

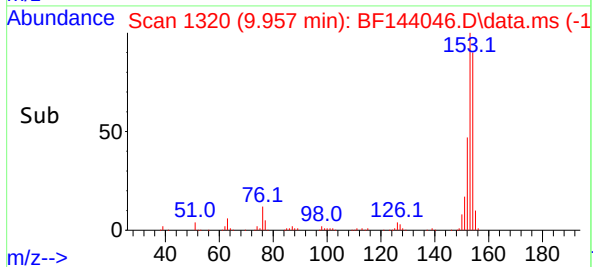
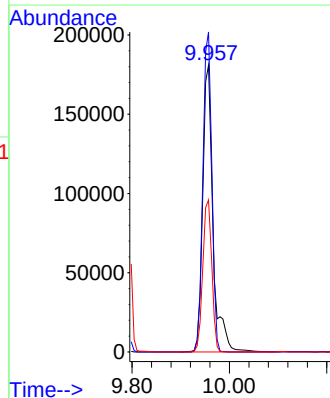
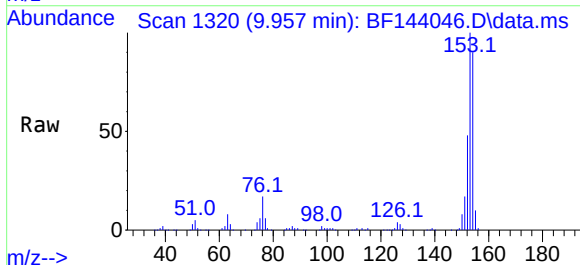
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

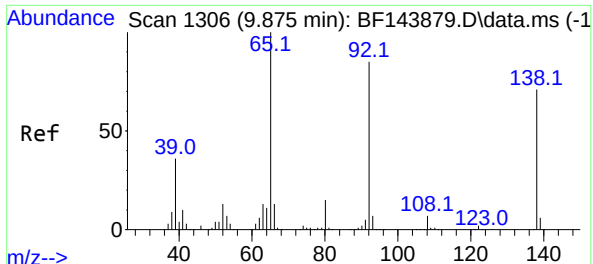
Tgt Ion:165 Resp: 69184
Ion Ratio Lower Upper
165 100
63 55.9 47.3 70.9
89 49.1 38.2 57.4



#52
Acenaphthene
Concen: 52.111 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:154 Resp: 266069
Ion Ratio Lower Upper
154 100
153 111.6 89.3 133.9
152 53.0 42.2 63.2

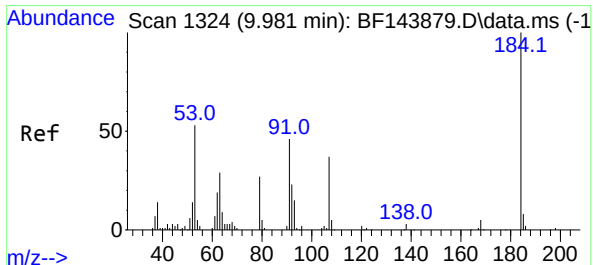
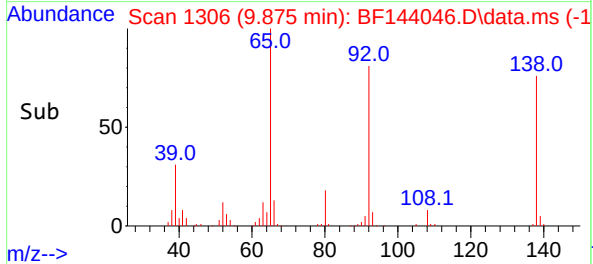
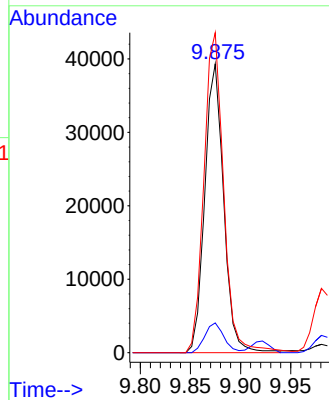
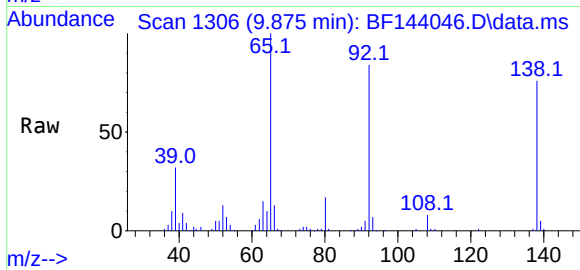




#53
3-Nitroaniline
Concen: 35.724 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

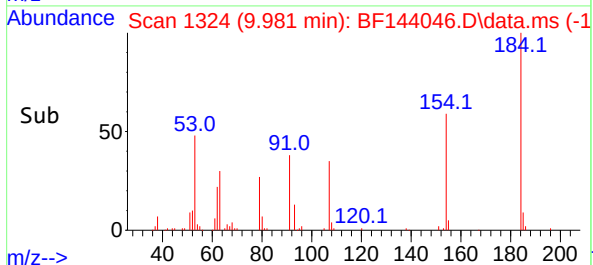
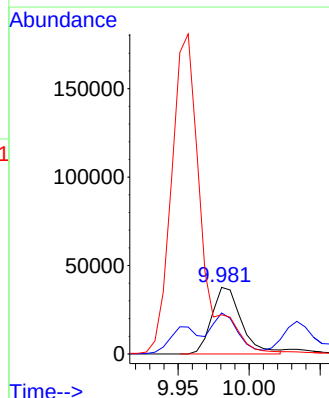
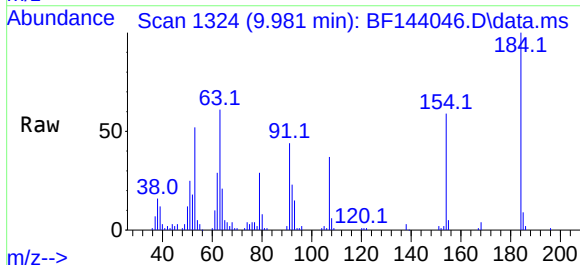
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

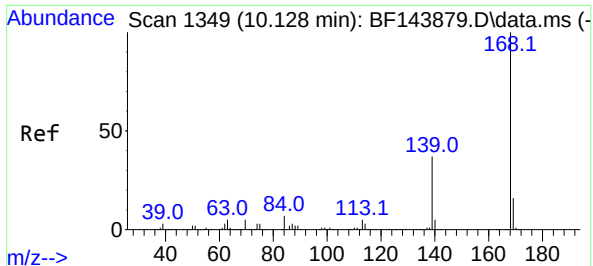
Tgt Ion:138 Resp: 51718
Ion Ratio Lower Upper
138 100
108 10.3 8.3 12.5
92 110.8 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 75.499 ng
RT: 9.981 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:184 Resp: 54749
Ion Ratio Lower Upper
184 100
63 61.5 48.2 72.4
154 59.0 49.2 73.8





#55

Dibenzenofuran

Concen: 49.633 ng

RT: 10.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

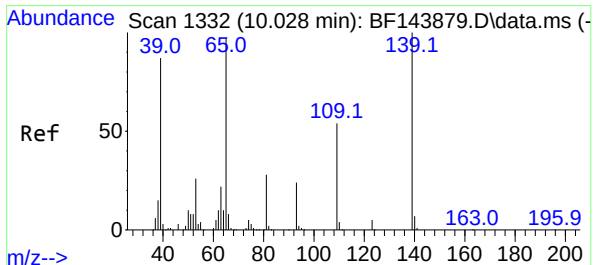
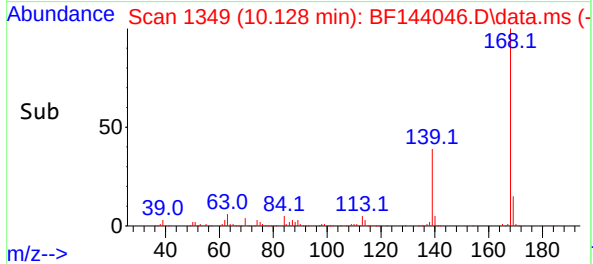
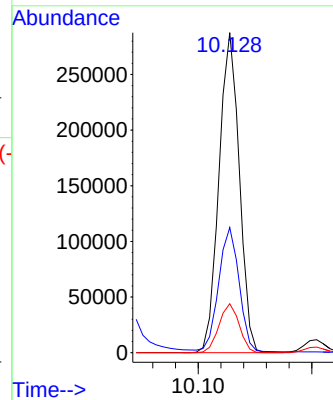
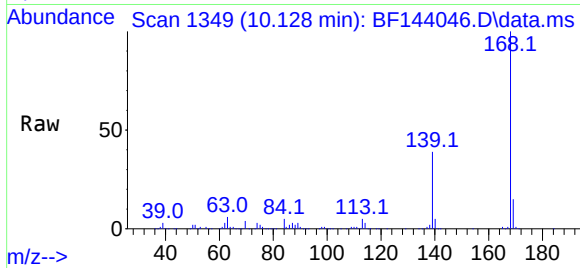
Tgt Ion:168 Resp: 357723

Ion Ratio Lower Upper

168 100

139 39.1 29.8 44.8

169 15.3 12.8 19.2



#56

4-Nitrophenol

Concen: 81.974 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.005 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

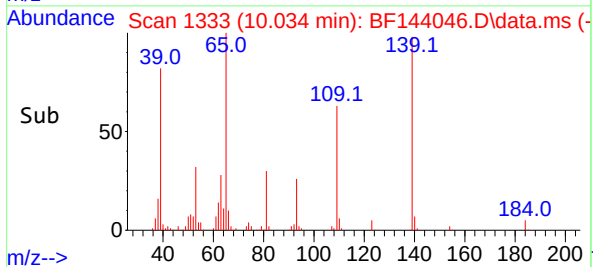
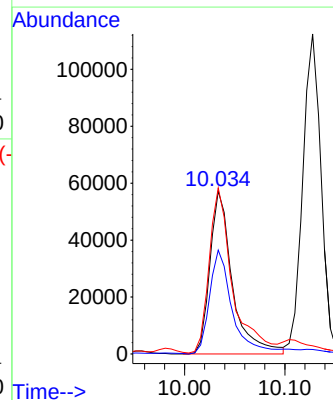
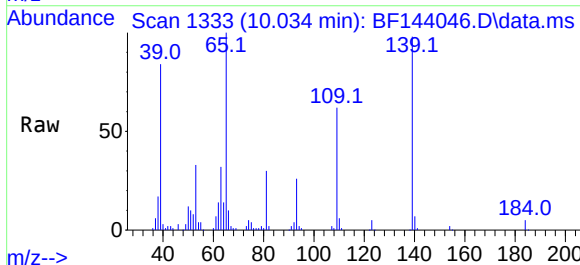
Tgt Ion:139 Resp: 89855

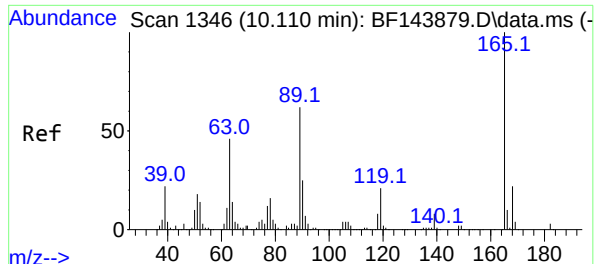
Ion Ratio Lower Upper

139 100

109 63.7 34.5 74.5

65 102.1 77.6 117.6





#57

2,4-Dinitrotoluene

Concen: 55.991 ng

RT: 10.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:165 Resp: 90072

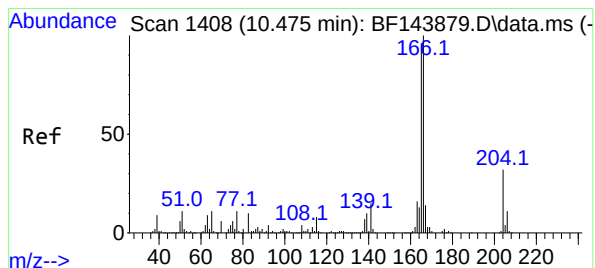
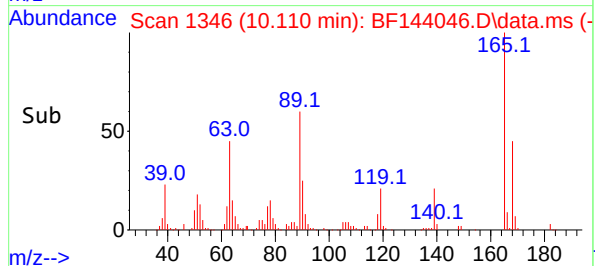
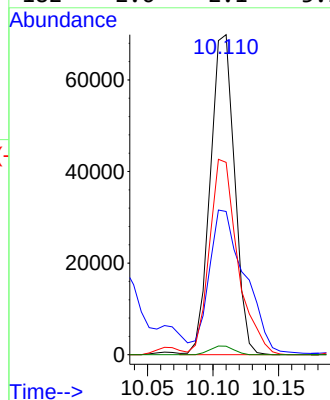
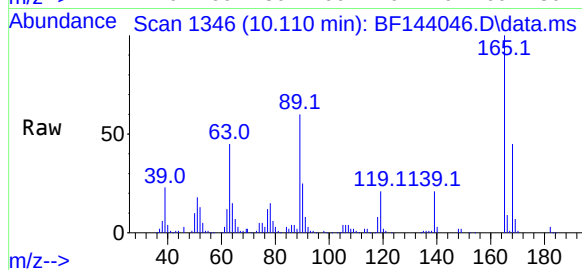
Ion Ratio Lower Upper

165 100

63 44.7 37.2 55.8

89 60.1 49.4 74.2

182 2.6 2.1 3.1



#58

Fluorene

Concen: 50.106 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

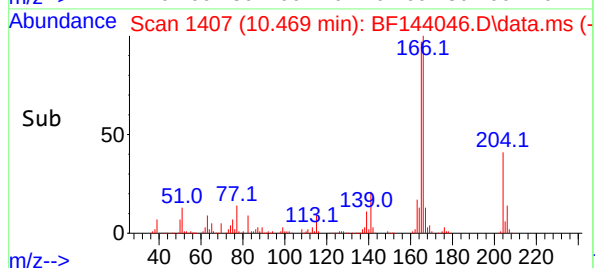
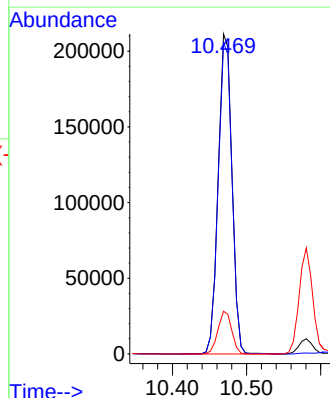
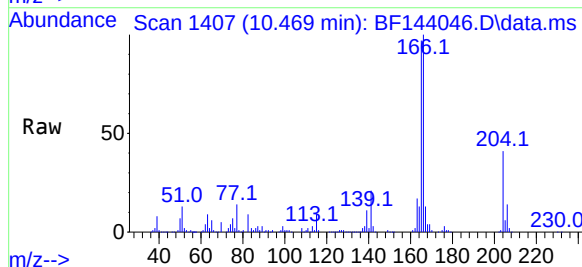
Tgt Ion:166 Resp: 272501

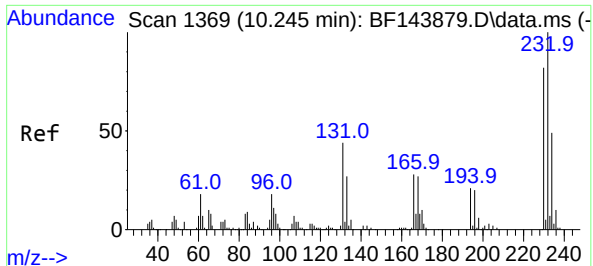
Ion Ratio Lower Upper

166 100

165 97.3 77.0 115.6

167 13.3 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.256 ng

RT: 10.245 min Scan# 1369

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

Tgt Ion:232 Resp: 83810

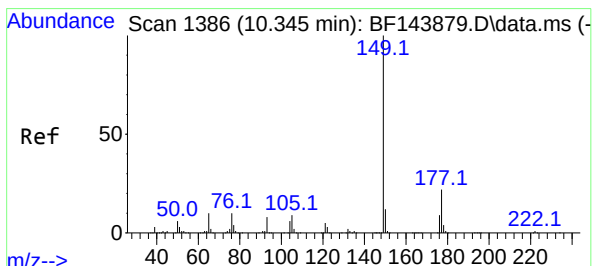
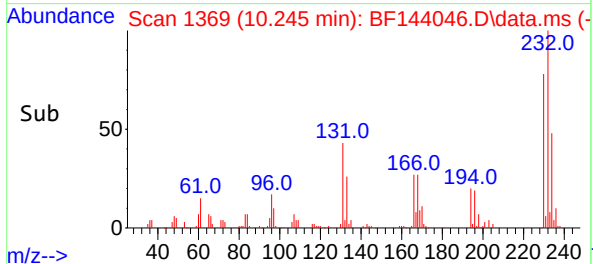
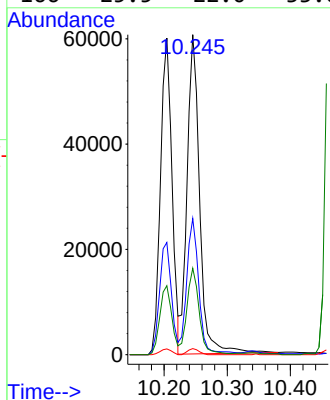
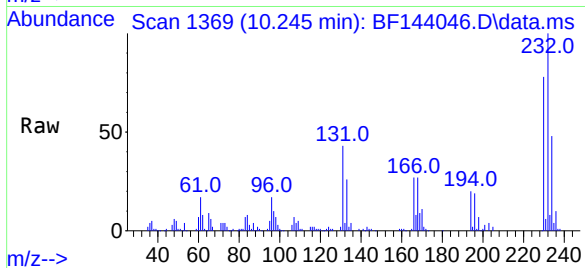
Ion Ratio Lower Upper

232 100

131 41.0 34.9 52.3

130 1.7 1.6 2.4

166 25.5 22.0 33.0



#60

Diethylphthalate

Concen: 50.812 ng

RT: 10.339 min Scan# 1385

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

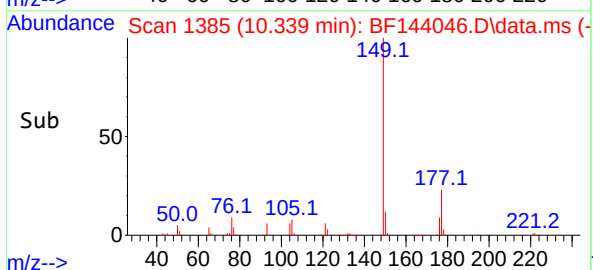
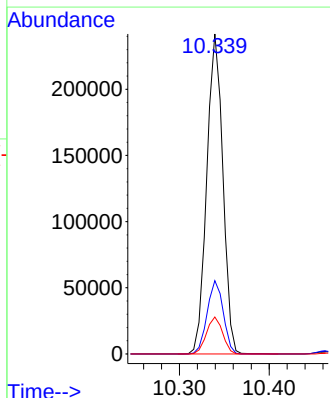
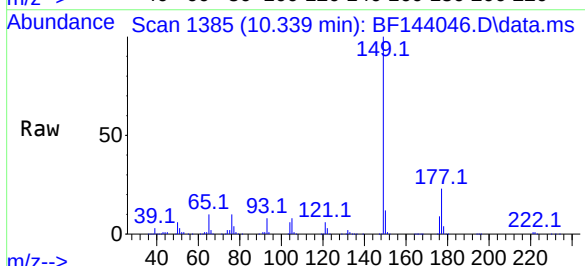
Tgt Ion:149 Resp: 300982

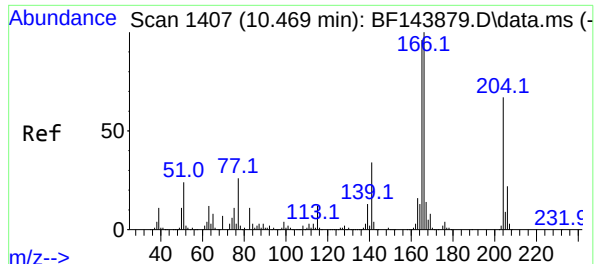
Ion Ratio Lower Upper

149 100

177 22.9 17.9 26.9

150 11.6 9.8 14.8

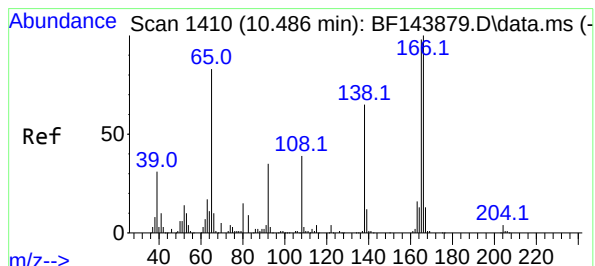
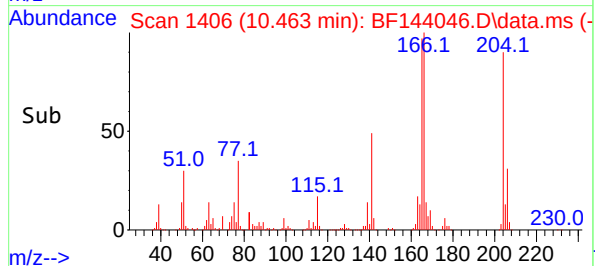
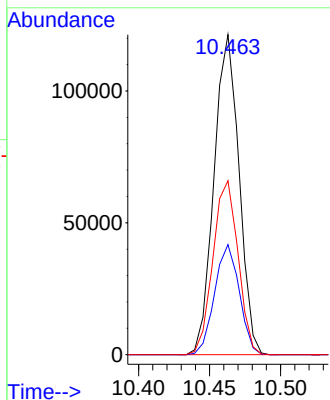
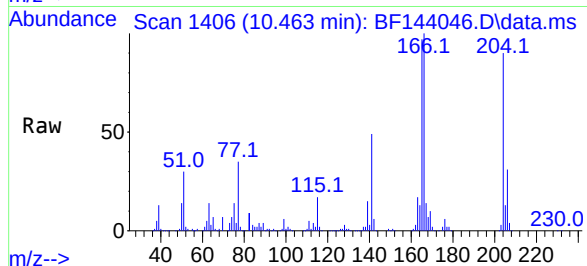




#61
4-Chlorophenyl-phenylether
Concen: 51.685 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

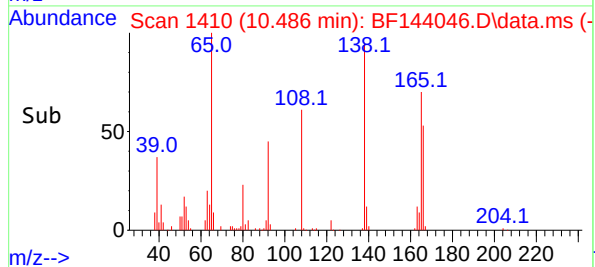
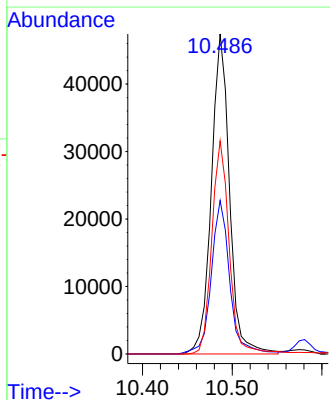
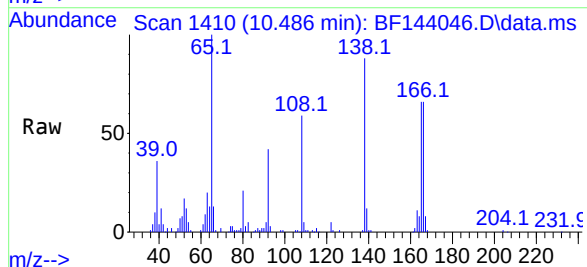
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

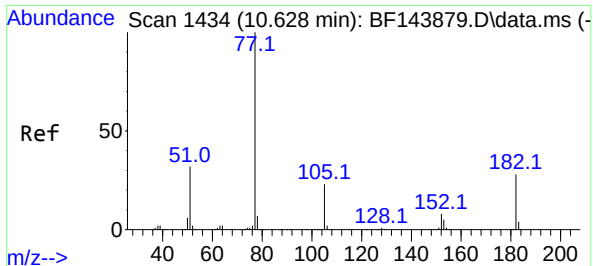
Tgt Ion:204 Resp: 148610
Ion Ratio Lower Upper
204 100
206 34.4 26.6 40.0
141 54.3 40.4 60.6



#62
4-Nitroaniline
Concen: 47.905 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:138 Resp: 66690
Ion Ratio Lower Upper
138 100
92 48.0 33.9 73.9
108 66.6 40.2 80.2

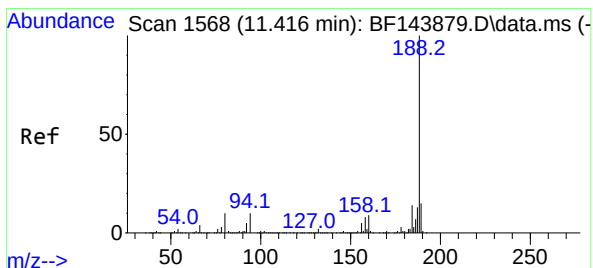
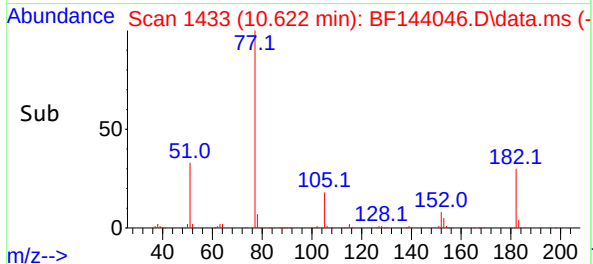
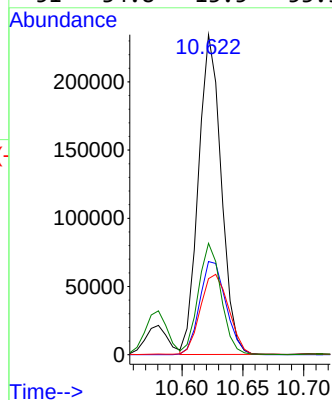
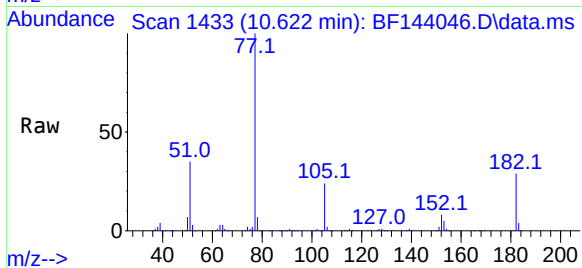




#63
Azobenzene
Concen: 49.299 ng
RT: 10.622 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

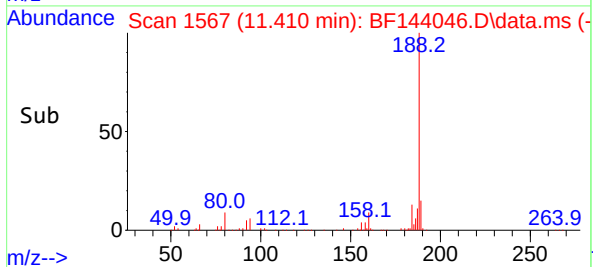
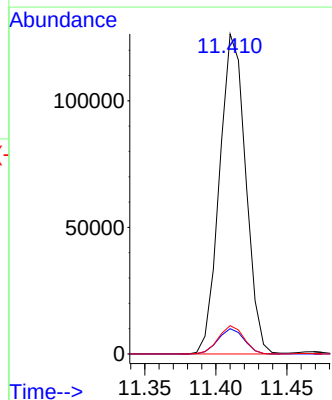
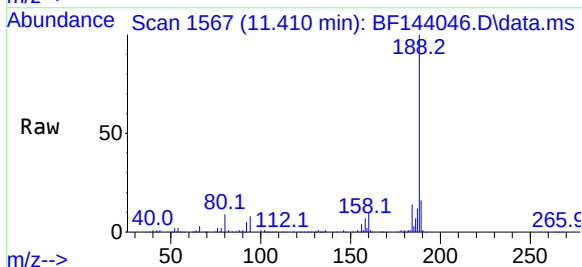
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

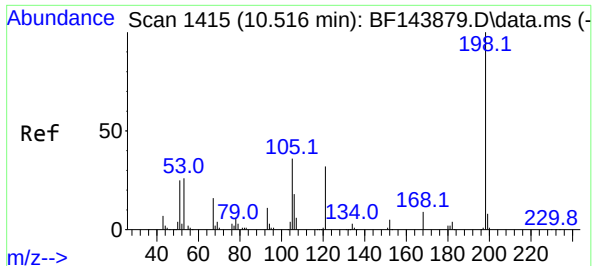
Tgt Ion: 77 Resp: 305202
Ion Ratio Lower Upper
77 100
182 29.1 7.3 47.3
105 23.8 3.0 43.0
51 34.8 13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion: 188 Resp: 161809
Ion Ratio Lower Upper
188 100
94 7.9 7.8 11.6
80 8.9 7.9 11.9

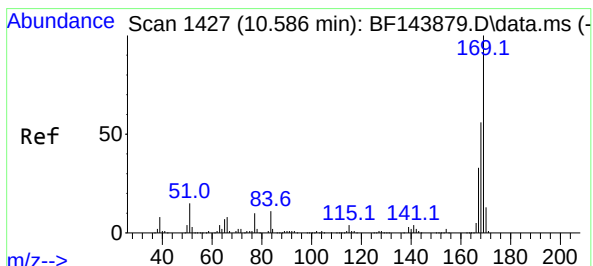
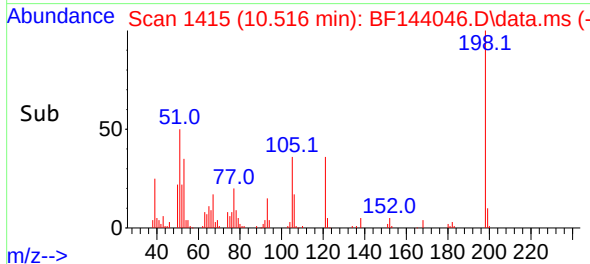
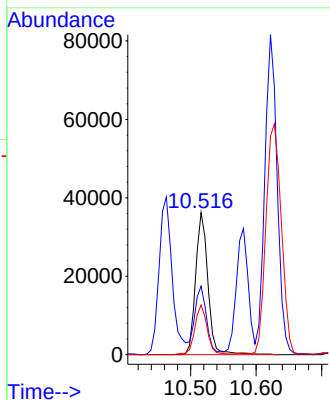
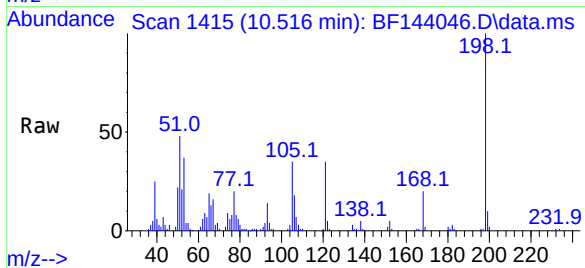




#65
4,6-Dinitro-2-methylphenol
Concen: 58.328 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

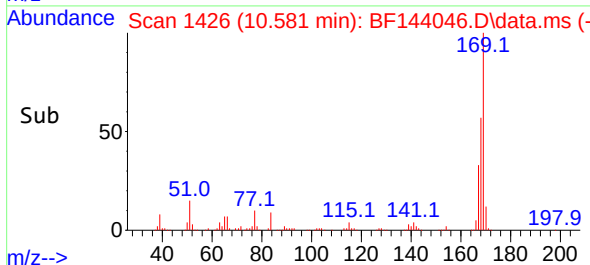
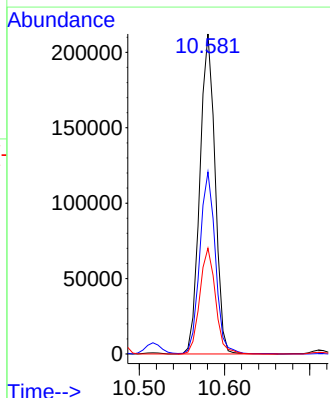
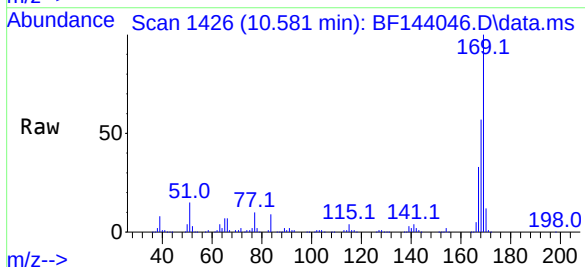
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

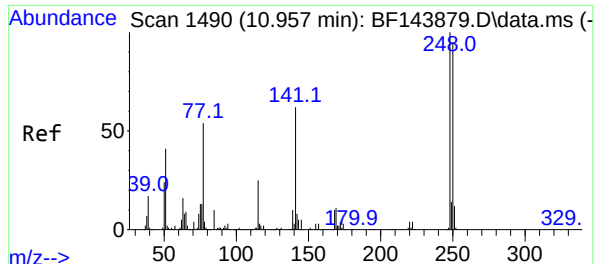
Tgt Ion:198 Resp: 47428
Ion Ratio Lower Upper
198 100
51 48.2 33.8 73.8
105 34.9 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 51.755 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:169 Resp: 262951
Ion Ratio Lower Upper
169 100
168 56.8 44.9 67.3
167 33.0 26.3 39.5

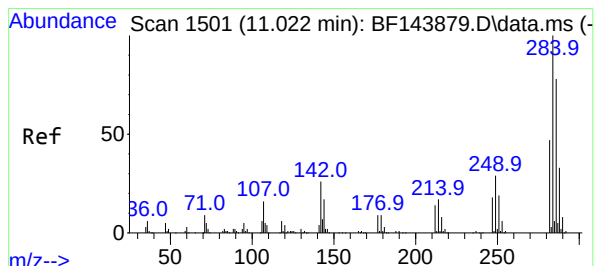
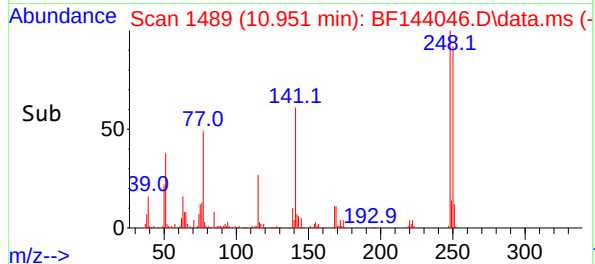
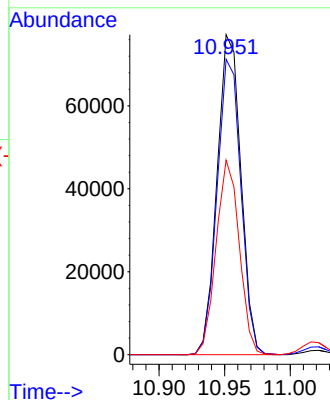
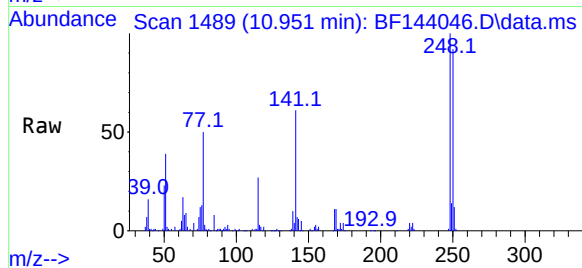




#67
4-Bromophenyl-phenylether
Concen: 54.455 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

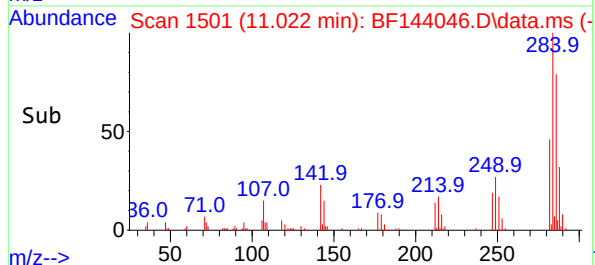
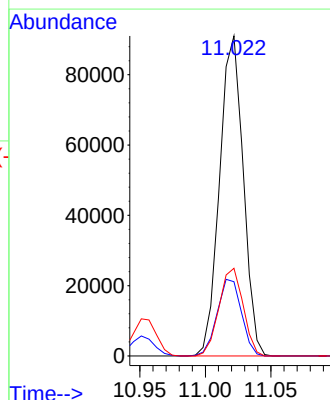
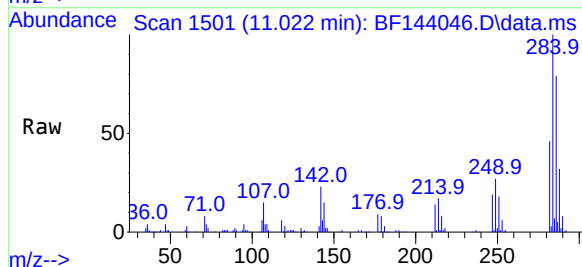
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

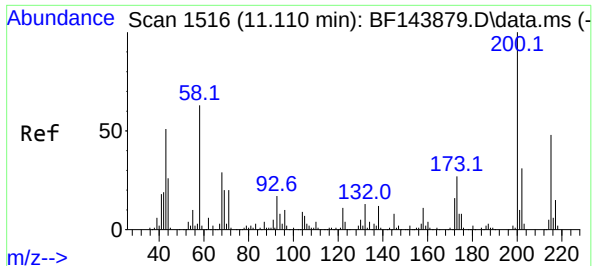
Tgt Ion:248 Resp: 97379
Ion Ratio Lower Upper
248 100
250 92.3 76.3 114.5
141 60.8 49.7 74.5



#68
Hexachlorobenzene
Concen: 55.200 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:284 Resp: 114279
Ion Ratio Lower Upper
284 100
142 23.2 20.6 30.8
249 27.4 23.2 34.8

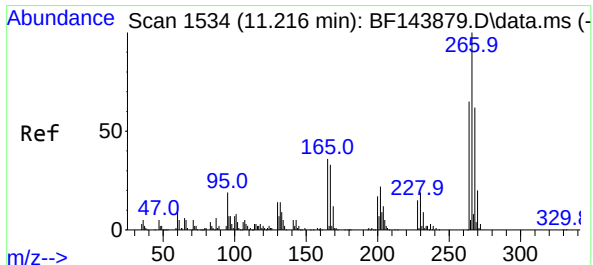
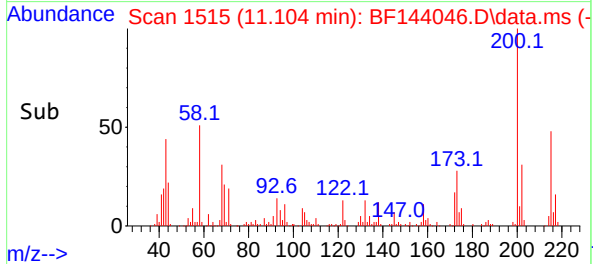
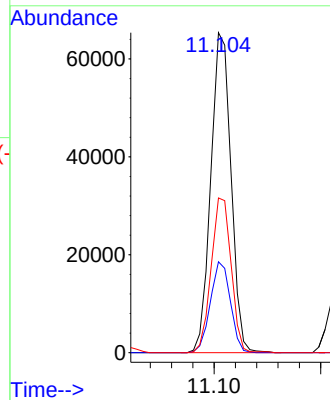
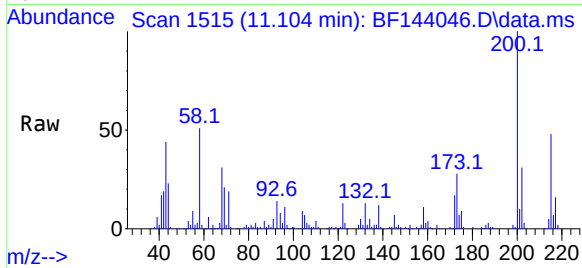




#69
Atrazine
Concen: 55.813 ng
RT: 11.104 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

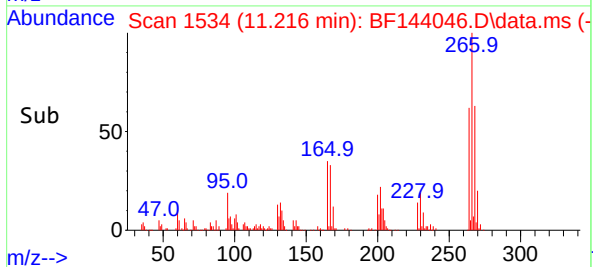
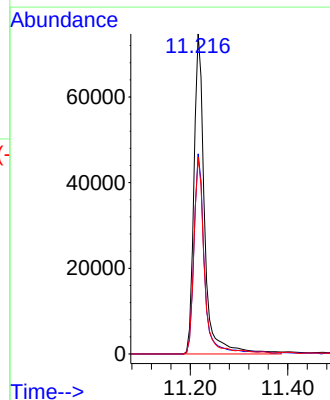
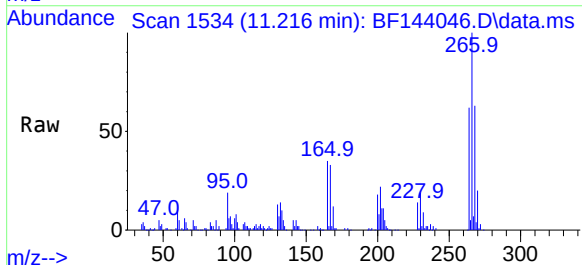
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

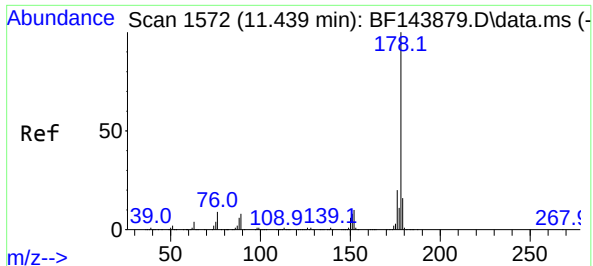
Tgt Ion	200	Resp	85947
Ion Ratio	Lower	Upper	
200	100		
173	28.4	7.0	47.0
215	48.4	27.8	67.8



#70
Pentachlorophenol
Concen: 95.571 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion	266	Resp	113635
Ion Ratio	Lower	Upper	
266	100		
268	62.6	49.4	74.0
264	61.5	51.8	77.6

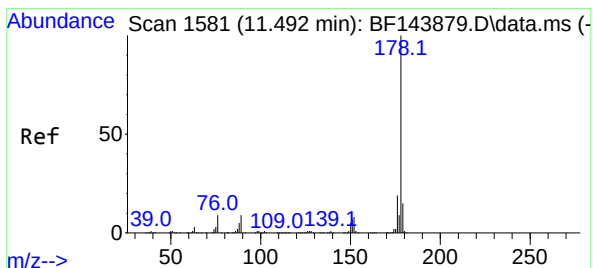
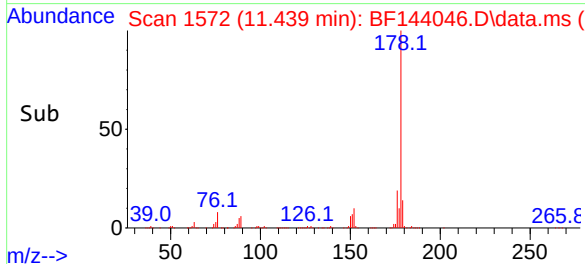
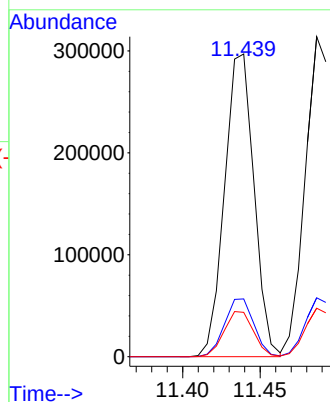
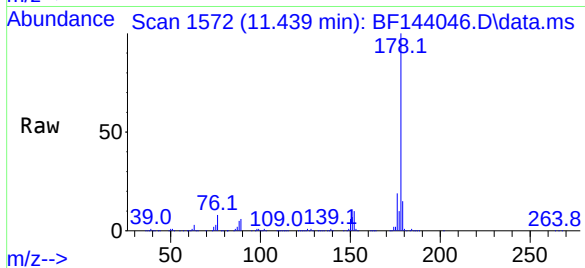




#71
Phenanthrene
Concen: 50.052 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

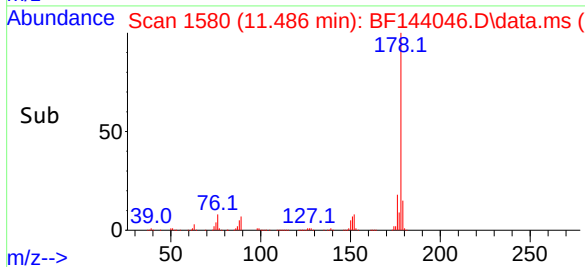
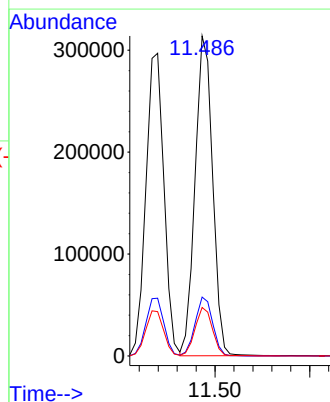
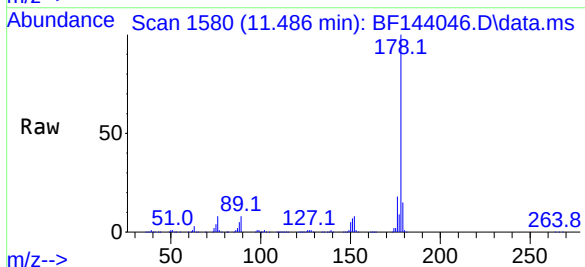
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

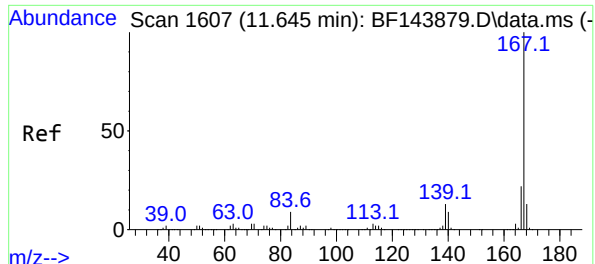
Tgt Ion:178 Resp: 392636
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 14.7 12.4 18.6



#72
Anthracene
Concen: 50.954 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

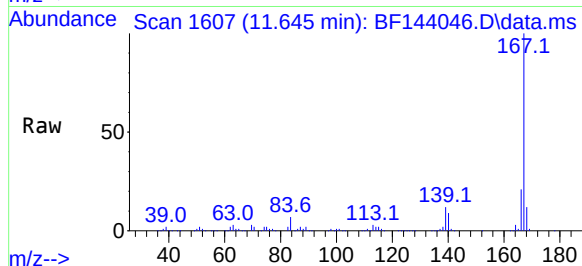
Tgt Ion:178 Resp: 403806
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.1 12.2 18.2



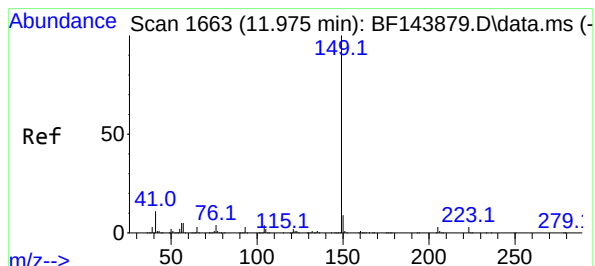
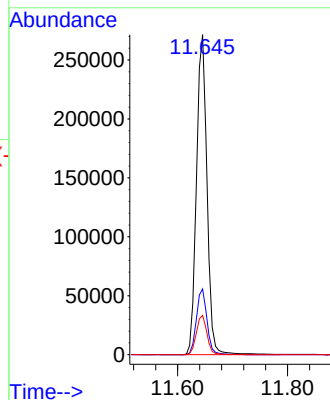
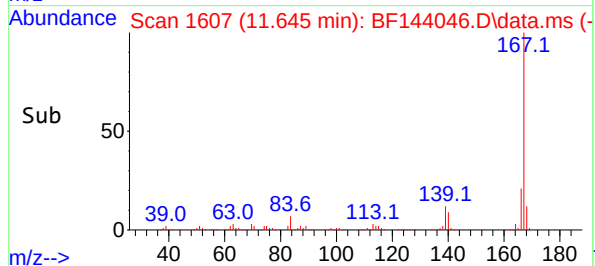


#73
Carbazole
Concen: 51.452 ng
RT: 11.645 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

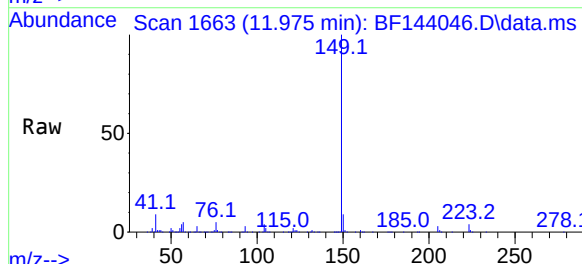
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD



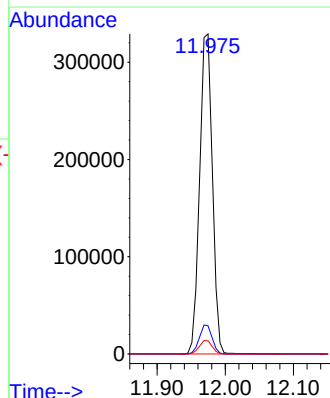
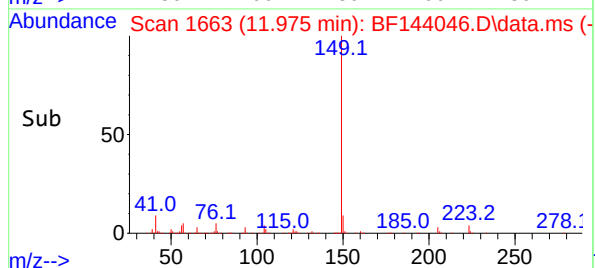
Tgt Ion:167 Resp: 361127
Ion Ratio Lower Upper
167 100
166 20.5 17.2 25.8
139 12.3 10.1 15.1

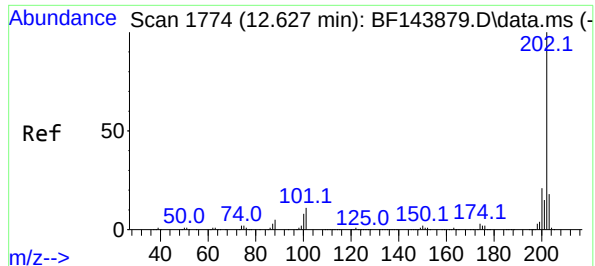


#74
Di-n-butylphthalate
Concen: 52.597 ng
RT: 11.975 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17



Tgt Ion:149 Resp: 427855
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 4.1 3.4 5.2

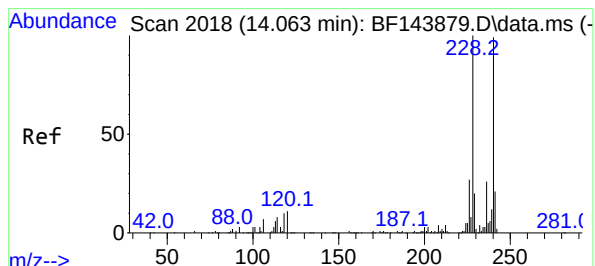
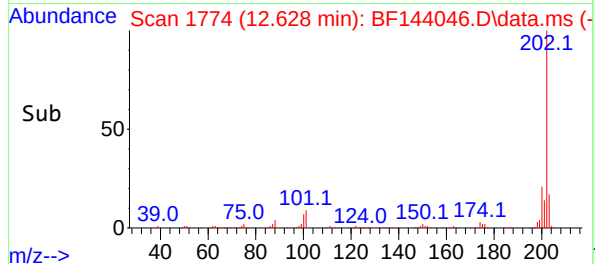
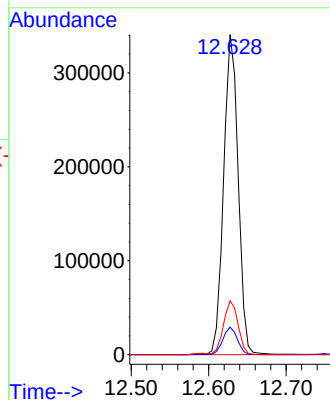
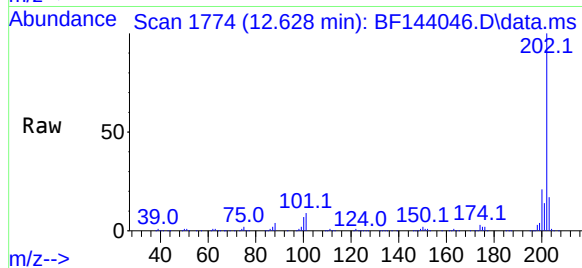




#75
Fluoranthene
Concen: 54.808 ng
RT: 12.628 min Scan# 1774
Delta R.T. -0.005 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

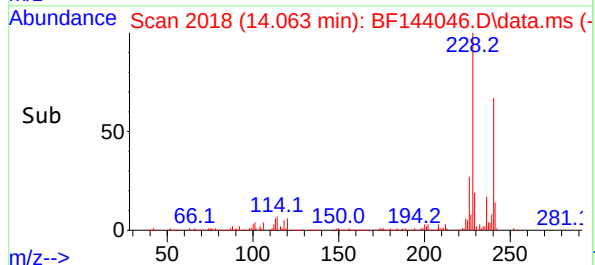
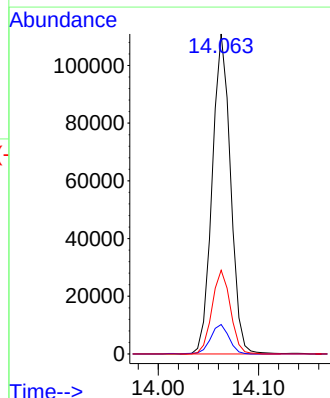
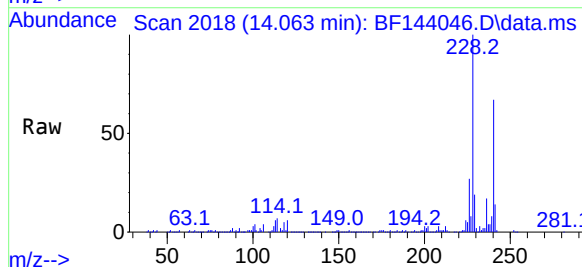
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

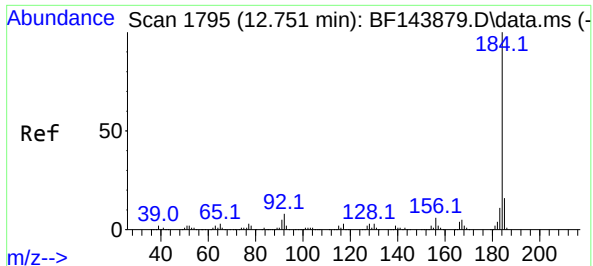
Tgt Ion:202 Resp: 444101
Ion Ratio Lower Upper
202 100
101 8.6 0.0 30.7
203 16.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

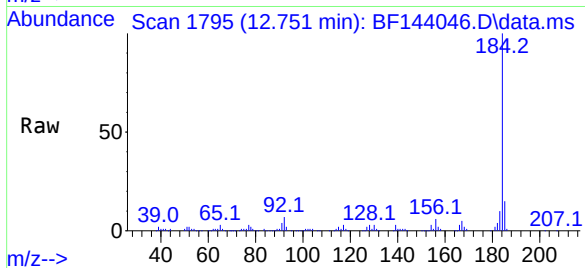
Tgt Ion:240 Resp: 140916
Ion Ratio Lower Upper
240 100
120 9.2 8.6 13.0
236 26.2 21.1 31.7



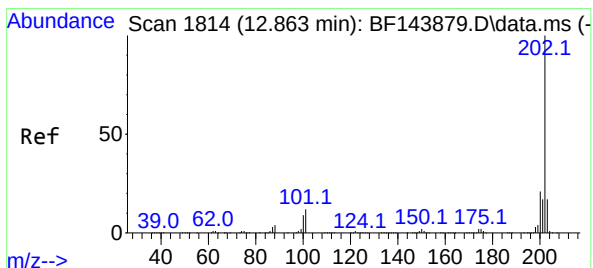
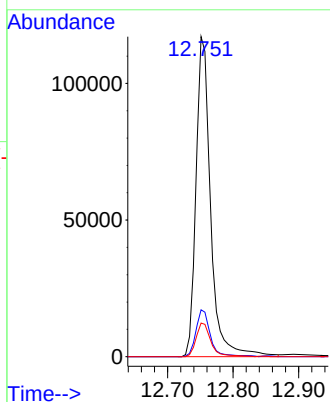


#77
Benzidine
Concen: 37.203 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

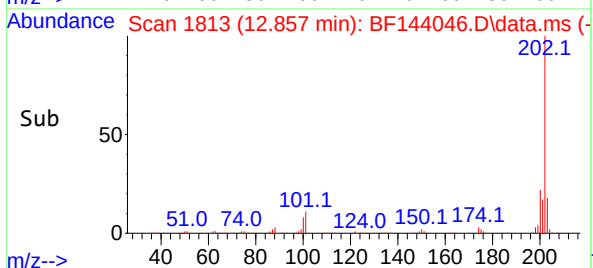
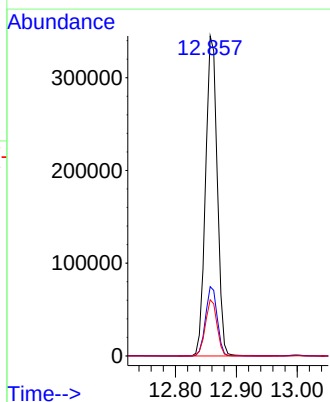
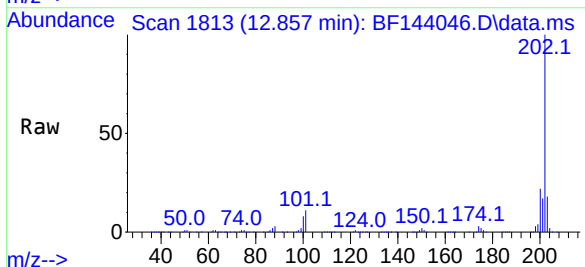


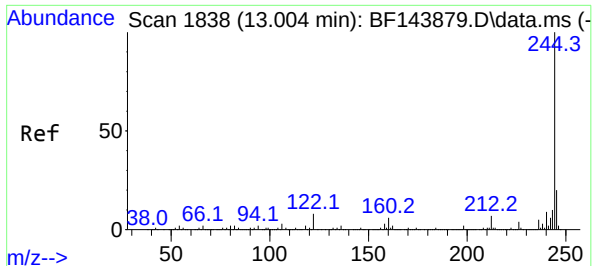
Tgt Ion:184 Resp: 182031
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 10.5 8.8 13.2



#78
Pyrene
Concen: 39.167 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:202 Resp: 460135
Ion Ratio Lower Upper
202 100
200 21.7 17.0 25.6
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 53.397 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

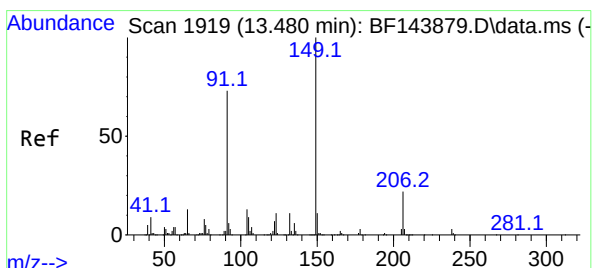
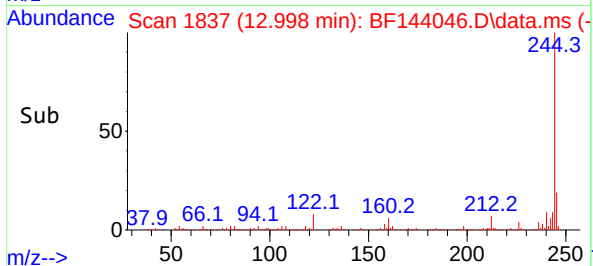
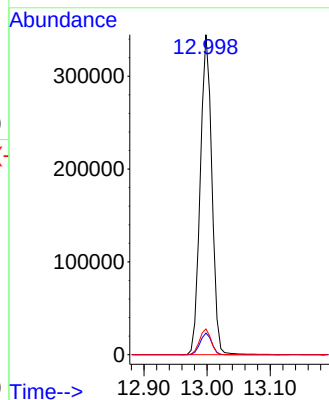
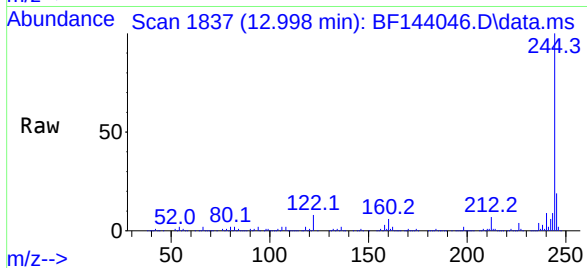
Tgt Ion:244 Resp: 440266

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 8.0 6.4 9.6



#80

Butylbenzylphthalate

Concen: 47.728 ng

RT: 13.475 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

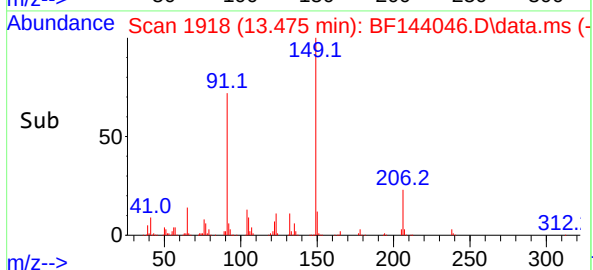
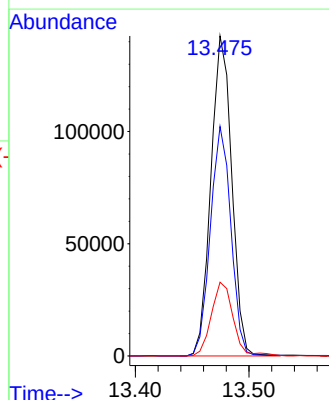
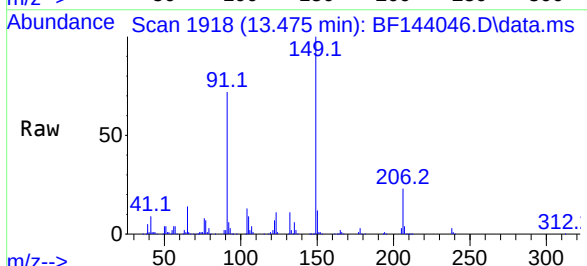
Tgt Ion:149 Resp: 182101

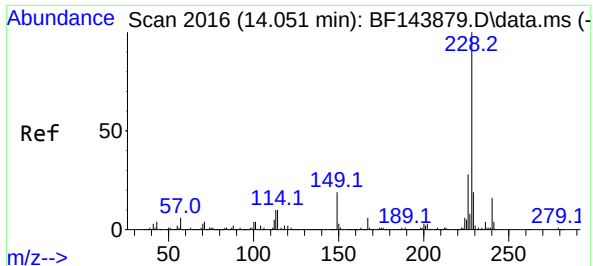
Ion Ratio Lower Upper

149 100

91 71.7 58.2 87.2

206 23.0 17.9 26.9

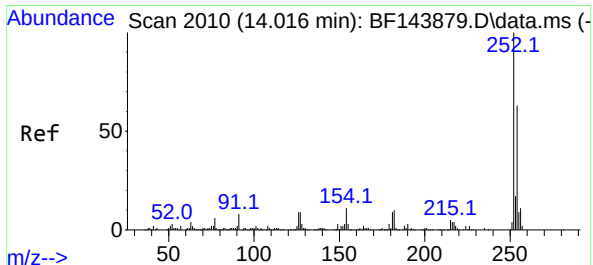
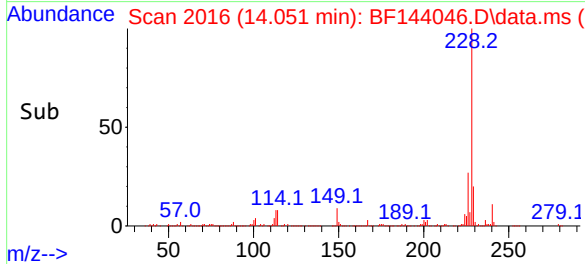
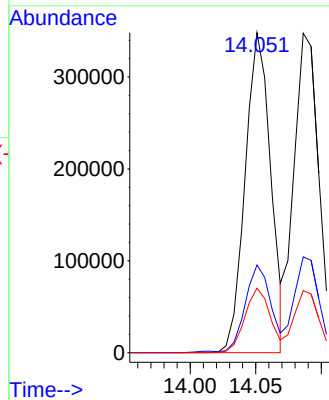
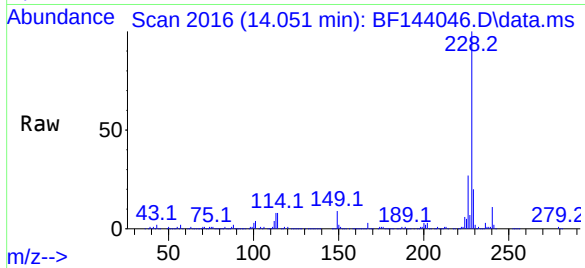




#81
Benzo(a)anthracene
Concen: 51.281 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

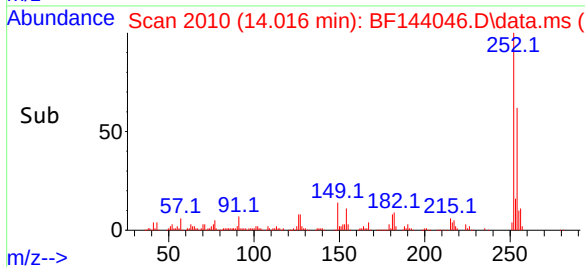
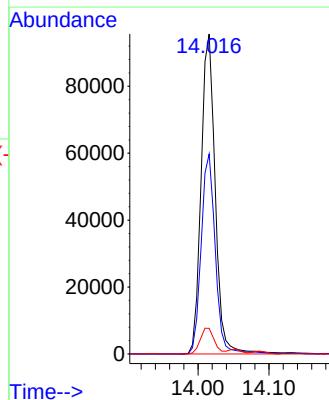
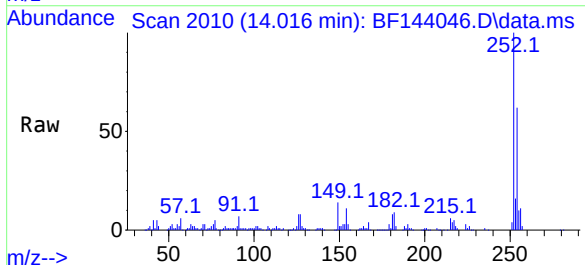
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

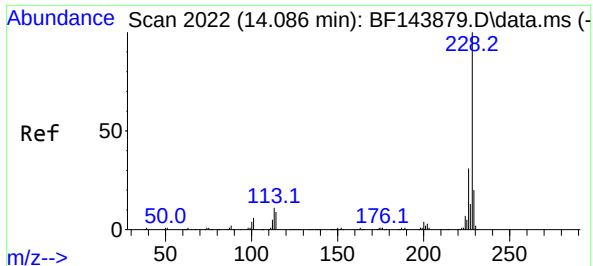
Tgt Ion:228 Resp: 472894
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 20.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 47.187 ng
RT: 14.016 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:252 Resp: 132609
Ion Ratio Lower Upper
252 100
254 62.5 50.6 76.0
126 8.0 7.0 10.6

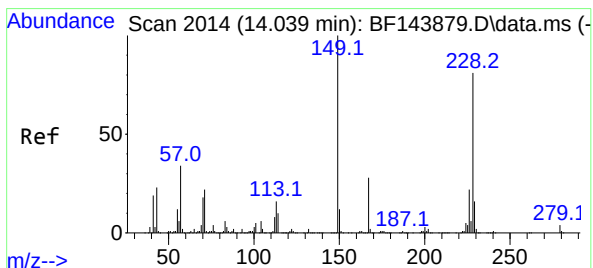
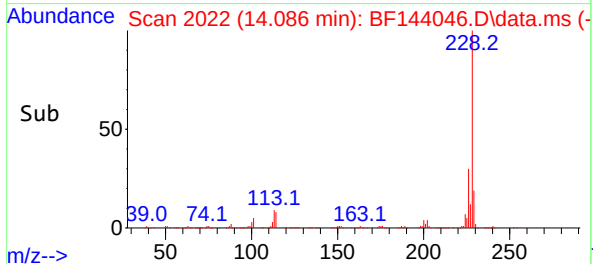
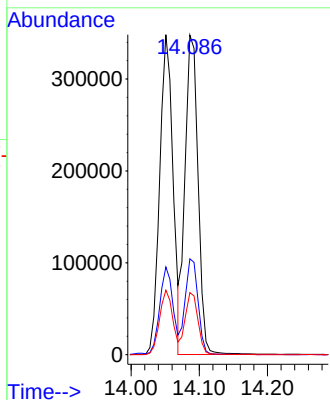
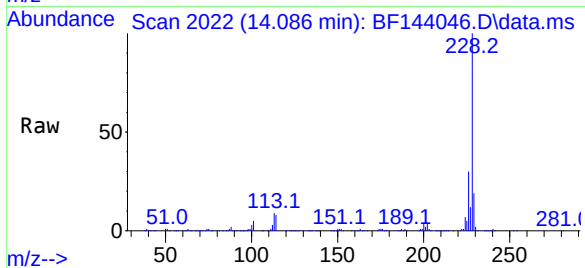




#83
Chrysene
Concen: 53.811 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

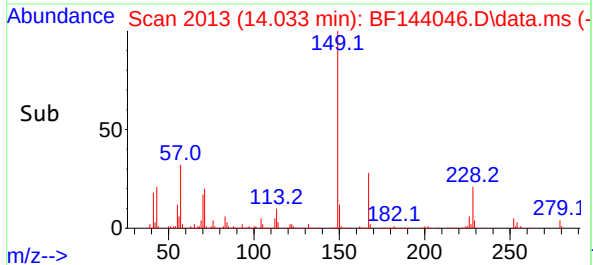
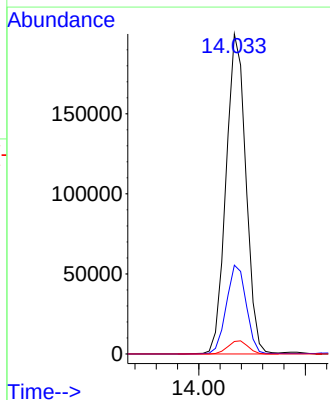
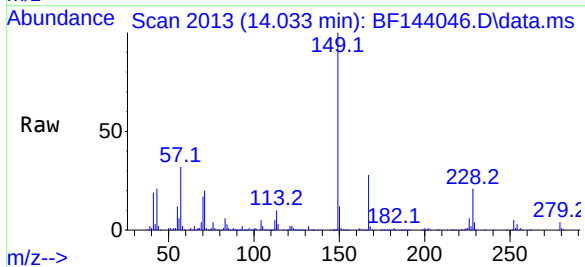
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

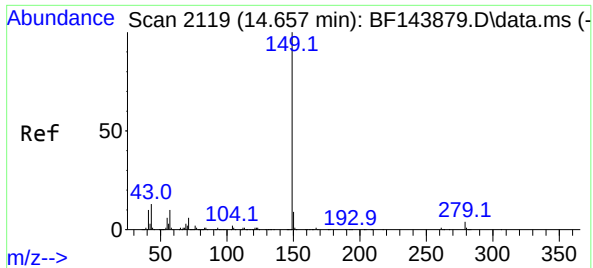
Tgt Ion:228 Resp: 459269
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.4 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.225 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:149 Resp: 258590
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 3.9 3.1 4.7

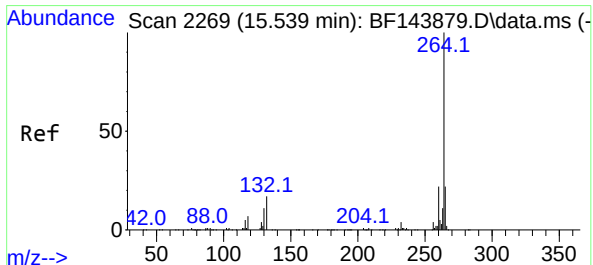
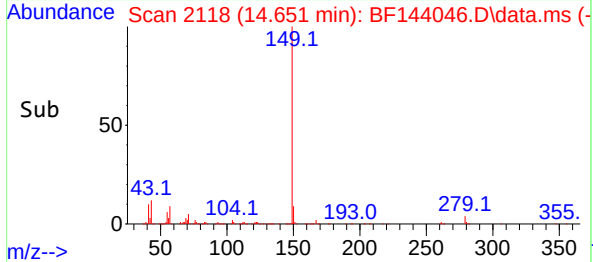
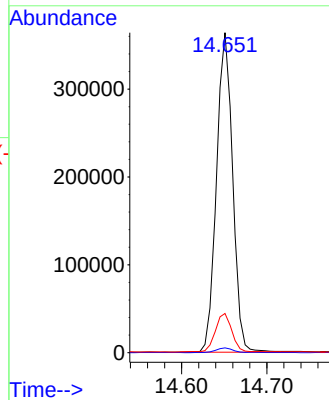
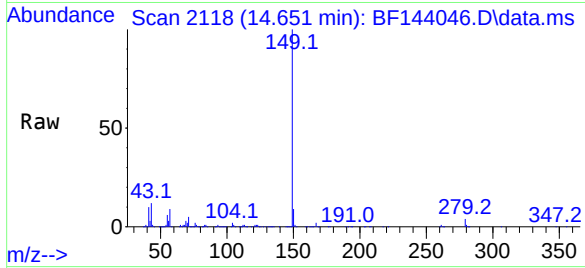




#85
Di-n-octyl phthalate
Concen: 63.374 ng
RT: 14.651 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

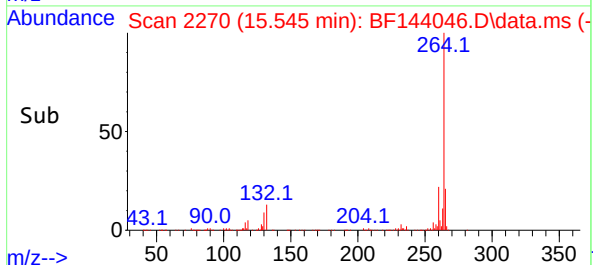
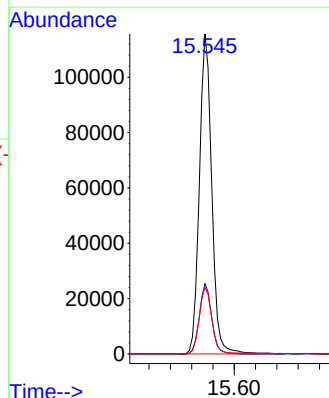
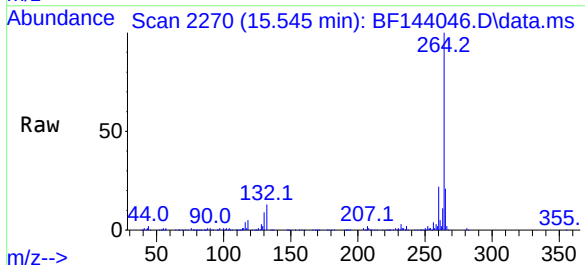
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:149 Resp: 478725
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7#
43 12.6 11.0 16.4

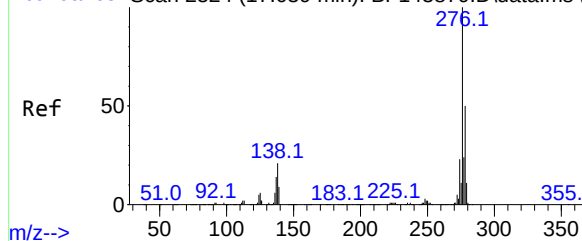


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:264 Resp: 186035
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 20.8 17.5 26.3



Abundance Scan 2524 (17.039 min): BF143879.D\data.ms (-



#87

Indeno(1,2,3-cd)pyrene

Concen: 41.127 ng

RT: 17.051 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

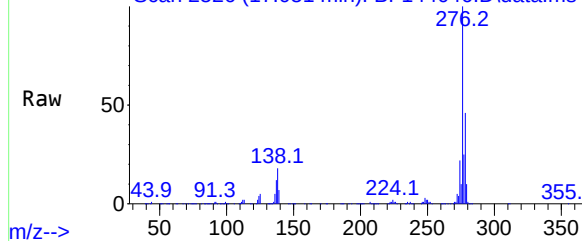
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ClientSampleId :

COMP-ROLLOFFMSD

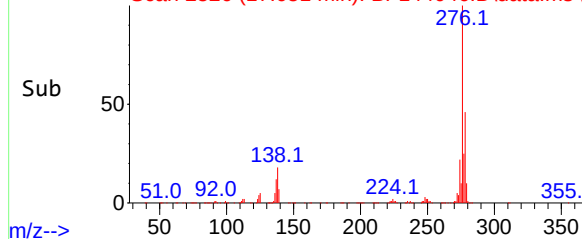
m/z-->

Abundance Scan 2526 (17.051 min): BF144046.D\data.ms



m/z-->

Abundance Scan 2526 (17.051 min): BF144046.D\data.ms (-



m/z-->

Tgt Ion:276 Resp: 468814

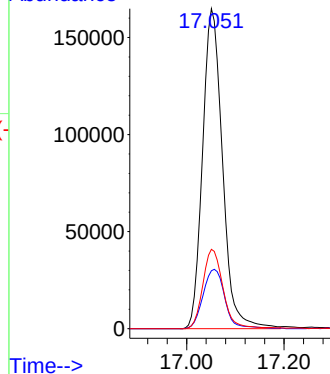
Ion Ratio Lower Upper

276 100

138 20.3 18.2 27.2

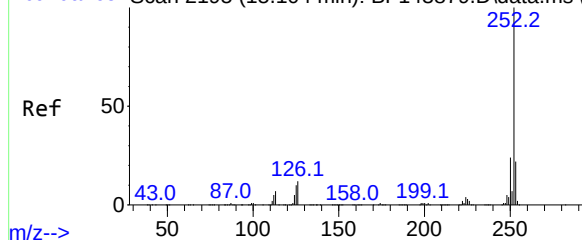
277 25.0 19.8 29.6

Abundance



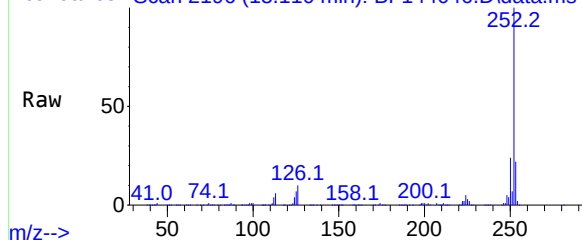
Time-->

Abundance Scan 2195 (15.104 min): BF143879.D\data.ms (-



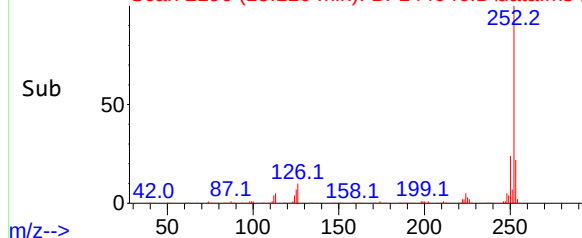
m/z-->

Abundance Scan 2196 (15.110 min): BF144046.D\data.ms



m/z-->

Abundance Scan 2196 (15.110 min): BF144046.D\data.ms (-



m/z-->

#88

Benzo(b)fluoranthene

Concen: 51.407 ng

RT: 15.110 min Scan# 2196

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Tgt Ion:252 Resp: 549352

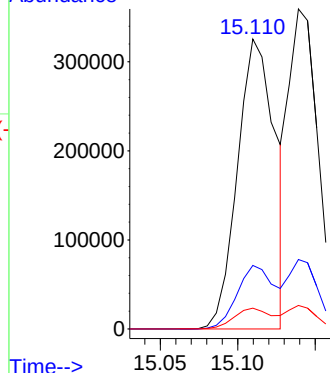
Ion Ratio Lower Upper

252 100

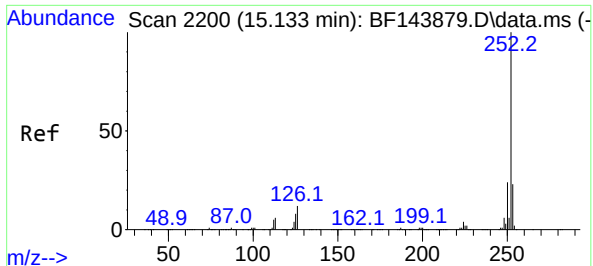
253 21.9 17.4 26.2

125 7.2 7.8 11.6#

Abundance



Time-->



#89

Benzo(k)fluoranthene

Concen: 49.012 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

Instrument :

BNA_F

ClientSampleId :

COMP-ROLLOFFMSD

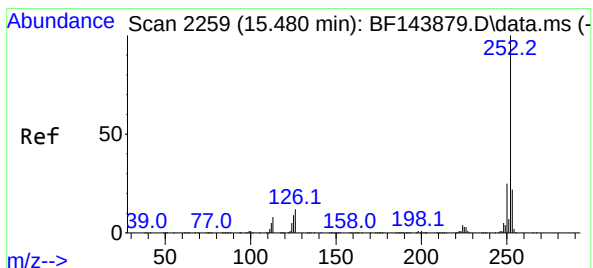
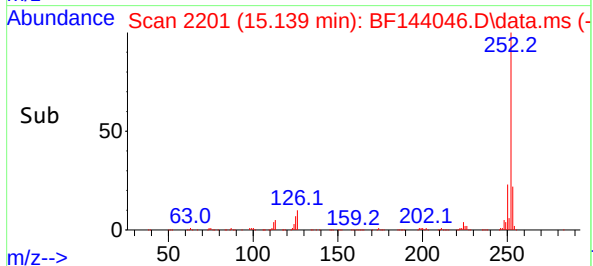
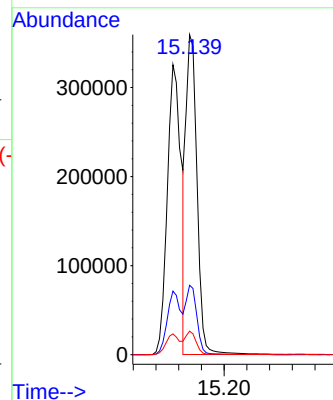
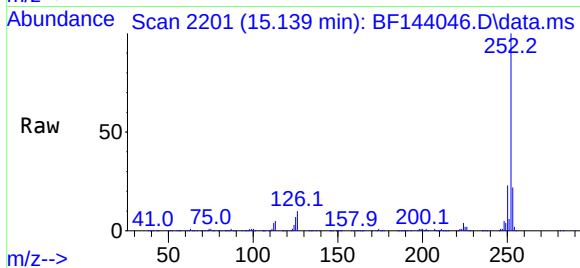
Tgt Ion:252 Resp: 484648

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

125 7.3 7.4 11.2#



#90

Benzo(a)pyrene

Concen: 52.902 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144046.D

Acq: 22 Oct 2025 17:17

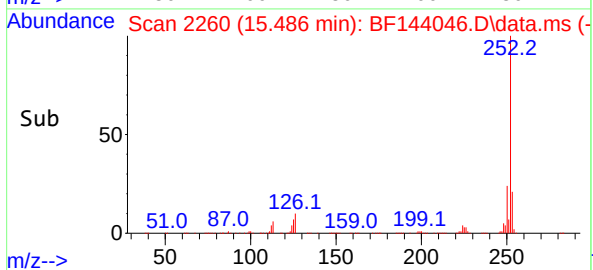
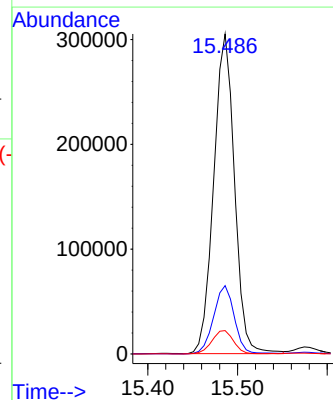
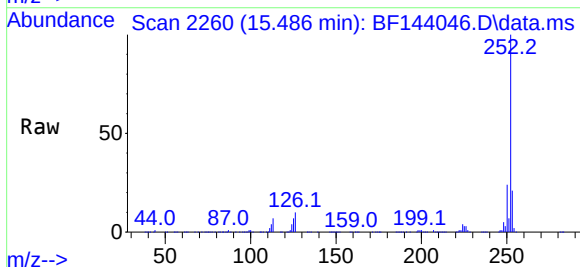
Tgt Ion:252 Resp: 490198

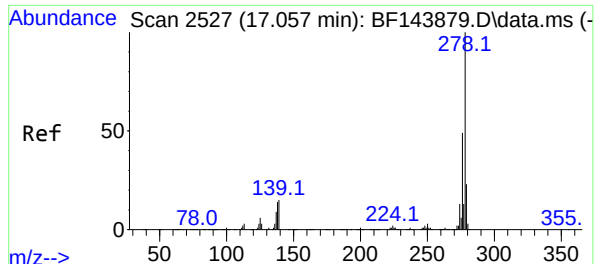
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 7.3 7.0 10.4

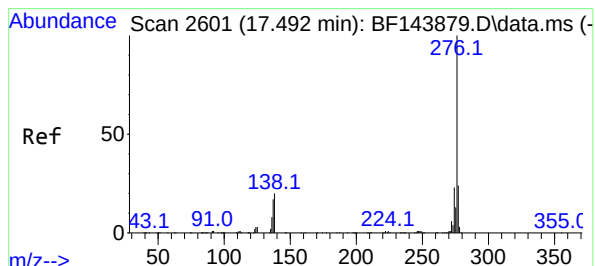
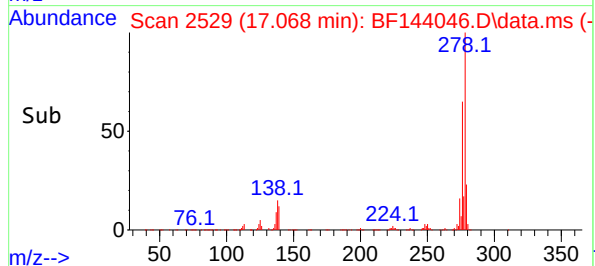
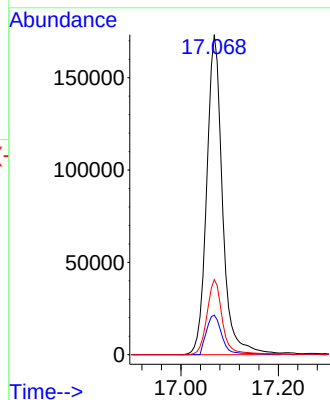
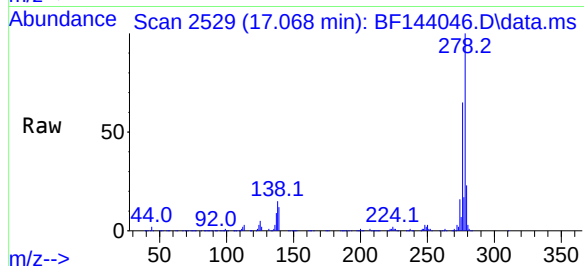




#91
Dibenzo(a,h)anthracene
Concen: 42.589 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

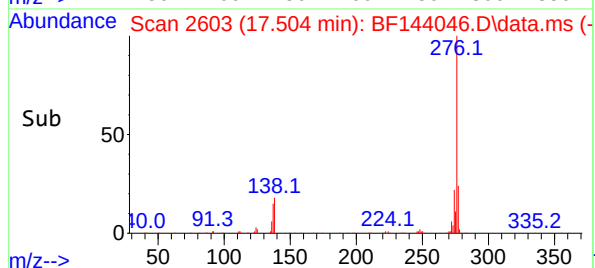
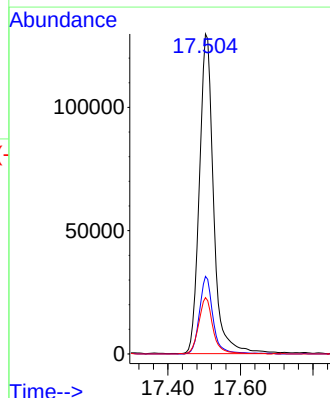
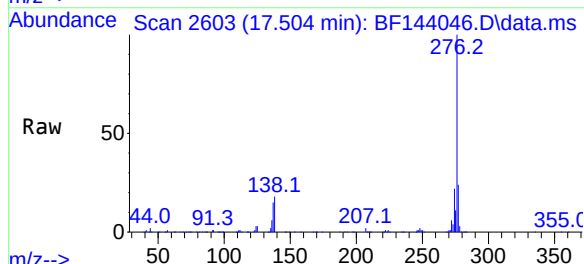
Instrument :
BNA_F
ClientSampleId :
COMP-ROLLOFFMSD

Tgt Ion:278 Resp: 390451
Ion Ratio Lower Upper
278 100
139 12.4 11.7 17.5
279 23.4 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 38.435 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF144046.D
Acq: 22 Oct 2025 17:17

Tgt Ion:276 Resp: 352371
Ion Ratio Lower Upper
276 100
277 24.3 19.0 28.6
138 17.6 16.1 24.1



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



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

Manual Integration Report

Sequence:

BF102225

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:

BF102425

Instrument

BNA_f

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:

BF102725

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170206BS	BF144076.D	2,3,4,6-Tetrachlorophen ol	rahul	10/28/2025 11:49:40 AM	Jagrut	10/28/2025 3:53:10 PM	Peak Integrated by Software
PB170206BS	BF144076.D	Caprolactam	rahul	10/28/2025 11:49:40 AM	Jagrut	10/28/2025 3:53:10 PM	Peak Integrated by Software

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 # BF102225

Review By	rahul	Review On	10/28/2025 9:35:43 AM
Supervise By	mohammad	Supervise On	10/28/2025 9:38:00 AM
SubDirectory	BF102225	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	S13179,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144031.D	22 Oct 2025 09:26	RC/JU	Ok
2	SSTDCCC040	BF144032.D	22 Oct 2025 10:25	RC/JU	Ok
3	PB170180BL	BF144033.D	22 Oct 2025 10:54	RC/JU	Ok
4	PB170180BS	BF144034.D	22 Oct 2025 11:23	RC/JU	Ok,M
5	Q3393-05	BF144035.D	22 Oct 2025 11:57	RC/JU	Ok
6	Q3393-01	BF144036.D	22 Oct 2025 12:26	RC/JU	Ok
7	Q3393-04	BF144037.D	22 Oct 2025 12:55	RC/JU	Ok
8	Q3393-03	BF144038.D	22 Oct 2025 13:24	RC/JU	Ok
9	Q3376-03	BF144039.D	22 Oct 2025 13:53	RC/JU	Ok
10	Q3376-04	BF144040.D	22 Oct 2025 14:22	RC/JU	Ok
11	Q3376-05	BF144041.D	22 Oct 2025 14:51	RC/JU	ReRun
12	Q3392-08RE	BF144042.D	22 Oct 2025 15:20	RC/JU	Confirms
13	Q3399-01	BF144043.D	22 Oct 2025 15:49	RC/JU	Ok
14	Q3404-01	BF144044.D	22 Oct 2025 16:18	RC/JU	ReRun
15	Q3399-01MS	BF144045.D	22 Oct 2025 16:48	RC/JU	Ok
16	Q3399-01MSD	BF144046.D	22 Oct 2025 17:17	RC/JU	Ok
17	Q3416-01	BF144047.D	22 Oct 2025 17:46	RC/JU	ReRun
18	Q3403-04	BF144048.D	22 Oct 2025 18:15	RC/JU	Ok
19	Q3412-04	BF144049.D	22 Oct 2025 18:45	RC/JU	ReRun
20	Q3404-04	BF144050.D	22 Oct 2025 19:14	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF102425

Review By	rahul	Review On	10/27/2025 10:16:31 AM
Supervise By	Jagrut	Supervise On	10/27/2025 4:26:19 PM
SubDirectory	BF102425	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13179,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144055.D	24 Oct 2025 09:45	RC/JU	Ok
2	SSTDICC2.5	BF144056.D	24 Oct 2025 10:13	RC/JU	Ok
3	SSTDICC005	BF144057.D	24 Oct 2025 10:42	RC/JU	Ok
4	SSTDICC010	BF144058.D	24 Oct 2025 11:39	RC/JU	Ok
5	SSTDICC020	BF144059.D	24 Oct 2025 12:36	RC/JU	Ok
6	SSTDICCC040	BF144060.D	24 Oct 2025 13:05	RC/JU	Ok
7	SSTDICC050	BF144061.D	24 Oct 2025 13:34	RC/JU	Ok
8	SSTDICC060	BF144062.D	24 Oct 2025 14:03	RC/JU	Not Ok
9	SSTDICC080	BF144063.D	24 Oct 2025 14:32	RC/JU	Ok
10	SSTDICC060	BF144064.D	24 Oct 2025 16:24	RC/JU	Ok
11	SSTDICV040	BF144065.D	24 Oct 2025 17:22	RC/JU	Ok
12	PB170222BL	BF144066.D	24 Oct 2025 17:51	RC/JU	Ok
13	Q3431-01	BF144067.D	24 Oct 2025 18:20	RC/JU	Ok,M
14	Q3431-01DL	BF144068.D	24 Oct 2025 18:48	RC/JU	Not Ok
15	Q3405-01	BF144069.D	24 Oct 2025 19:17	RC/JU	Ok
16	Q3406-01	BF144070.D	24 Oct 2025 19:46	RC/JU	Ok
17	Q3412-01	BF144071.D	24 Oct 2025 20:15	RC/JU	Dilution
18	Q3445-01	BF144072.D	24 Oct 2025 20:44	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF102725

Review By	rahul	Review On	10/28/2025 11:50:33 AM
Supervise By	Jagrut	Supervise On	10/28/2025 3:54:50 PM
SubDirectory	BF102725	HP Acquire Method	BNA_F
		HP Processing Method	BF102425
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13180,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144073.D	27 Oct 2025 09:29	RC/JU	Ok
2	SSTDCCC040	BF144074.D	27 Oct 2025 10:27	RC/JU	Ok
3	PB170206BL	BF144075.D	27 Oct 2025 10:57	RC/JU	Ok
4	PB170206BS	BF144076.D	27 Oct 2025 11:27	RC/JU	Ok,M
5	PB170210BS	BF144077.D	27 Oct 2025 11:56	RC/JU	Ok,M
6	PB170210BL	BF144078.D	27 Oct 2025 12:26	RC/JU	Ok
7	Q3385-04	BF144079.D	27 Oct 2025 13:04	RC/JU	Ok
8	Q3385-05MS	BF144080.D	27 Oct 2025 13:34	RC/JU	Ok
9	Q3385-06MSD	BF144081.D	27 Oct 2025 14:04	RC/JU	Ok
10	Q3404-01	BF144082.D	27 Oct 2025 14:34	RC/JU	Ok,M
11	Q3412-04	BF144083.D	27 Oct 2025 15:03	RC/JU	Ok
12	Q3449-06	BF144084.D	27 Oct 2025 15:33	RC/JU	Ok
13	Q3416-01	BF144085.D	27 Oct 2025 16:03	RC/JU	Ok,M
14	Q3395-02	BF144086.D	27 Oct 2025 16:33	RC/JU	Ok
15	Q3395-03MS	BF144087.D	27 Oct 2025 17:03	RC/JU	Ok,M
16	Q3395-04MSD	BF144088.D	27 Oct 2025 17:33	RC/JU	Ok,NR
17	Q3412-01DL	BF144089.D	27 Oct 2025 18:03	RC/JU	Ok,M
18	Q3447-03	BF144090.D	27 Oct 2025 18:32	RC/JU	Ok
19	Q3447-05	BF144091.D	27 Oct 2025 19:02	RC/JU	Ok
20	Q3449-01	BF144092.D	27 Oct 2025 19:32	RC/JU	Ok,M
21	Q3440-01	BF144093.D	27 Oct 2025 20:02	RC/JU	Ok,M

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF102725

Review By	rahul	Review On	10/28/2025 11:50:33 AM		
Supervise By	Jagrut	Supervise On	10/28/2025 3:54:50 PM		
SubDirectory	BF102725	HP Acquire Method	BNA_F	HP Processing Method	BF102425
STD. NAME		STD REF.#			
Tune/Reschk		SP6875			
Initial Calibration Stds		SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864			
CCC		SP6860			
Internal Standard/PEM		S13180,10ul/1000ul sample			
ICV/I.BLK		SP6872			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

22	Q3447-01	BF144094.D	27 Oct 2025 20:32	RC/JU	Dilution
23	Q3447-07	BF144095.D	27 Oct 2025 21:02	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 # BF102225

Review By	rahul	Review On	10/28/2025 9:35:43 AM
Supervise By	mohammad	Supervise On	10/28/2025 9:38:00 AM
SubDirectory	BF102225	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	S13179,10ul/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	BF144031.D	22 Oct 2025 09:26		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144032.D	22 Oct 2025 10:25	CCC fail high side for com. #92	RC/JU	Ok
3	PB170180BL	PB170180BL	BF144033.D	22 Oct 2025 10:54		RC/JU	Ok
4	PB170180BS	PB170180BS	BF144034.D	22 Oct 2025 11:23		RC/JU	Ok,M
5	Q3393-05	PR132-S08-000013-20	BF144035.D	22 Oct 2025 11:57		RC/JU	Ok
6	Q3393-01	PR132-S10-000022-20	BF144036.D	22 Oct 2025 12:26		RC/JU	Ok
7	Q3393-04	PR132-S06-000021-20	BF144037.D	22 Oct 2025 12:55		RC/JU	Ok
8	Q3393-03	PR132-S08-013038-20	BF144038.D	22 Oct 2025 13:24		RC/JU	Ok
9	Q3376-03	PR132-COMP2-202510	BF144039.D	22 Oct 2025 13:53		RC/JU	Ok
10	Q3376-04	PR132-S12-047072-20	BF144040.D	22 Oct 2025 14:22		RC/JU	Ok
11	Q3376-05	PR132-S12-020047-20	BF144041.D	22 Oct 2025 14:51	Internal standard fail	RC/JU	ReRun
12	Q3392-08RE	MH-19RE	BF144042.D	22 Oct 2025 15:20	Internal Standard Fail	RC/JU	Confirms
13	Q3399-01	COMP-ROLLOFF	BF144043.D	22 Oct 2025 15:49	Internal Standard Fail- confirmed in MS & MSD.	RC/JU	Ok
14	Q3404-01	MOO-25-0285-0288	BF144044.D	22 Oct 2025 16:18	Internal standard fail	RC/JU	ReRun
15	Q3399-01MS	COMP-ROLLOFFMS	BF144045.D	22 Oct 2025 16:48	Internal standard fail	RC/JU	Ok
16	Q3399-01MSD	COMP-ROLLOFFMSD	BF144046.D	22 Oct 2025 17:17	Internal standard fail	RC/JU	Ok
17	Q3416-01	NB-08-10212025	BF144047.D	22 Oct 2025 17:46	Internal standard fail	RC/JU	ReRun

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102225

Review By	rahul	Review On	10/28/2025 9:35:43 AM
Supervise By	mohammad	Supervise On	10/28/2025 9:38:00 AM
SubDirectory	BF102225	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	S13179,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3403-04	MH-18	BF144048.D	22 Oct 2025 18:15	Internal standard fail	RC/JU	Ok
19	Q3412-04	TP-6	BF144049.D	22 Oct 2025 18:45	Internal Standard Fail	RC/JU	ReRun
20	Q3404-04	MOO-25-0292	BF144050.D	22 Oct 2025 19:14	Internal Standard Fail	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102425

Review By	rahul	Review On	10/27/2025 10:16:31 AM
Supervise By	Jagrut	Supervise On	10/27/2025 4:26:19 PM
SubDirectory	BF102425	HP Acquire Method	BNA_F
		HP Processing Method	BF102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13179,10ul/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	BF144055.D	24 Oct 2025 09:45		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144056.D	24 Oct 2025 10:13		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144057.D	24 Oct 2025 10:42		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF144058.D	24 Oct 2025 11:39		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144059.D	24 Oct 2025 12:36		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144060.D	24 Oct 2025 13:05		RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144061.D	24 Oct 2025 13:34		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144062.D	24 Oct 2025 14:03	Not Used	RC/JU	Not Ok
9	SSTDICC080	SSTDICC080	BF144063.D	24 Oct 2025 14:32		RC/JU	Ok
10	SSTDICC060	SSTDICC060	BF144064.D	24 Oct 2025 16:24		RC/JU	Ok
11	SSTDICV040	ICVBF102425	BF144065.D	24 Oct 2025 17:22		RC/JU	Ok
12	PB170222BL	PB170222BL	BF144066.D	24 Oct 2025 17:51		RC/JU	Ok
13	Q3431-01	EO-02-10222025	BF144067.D	24 Oct 2025 18:20		RC/JU	Ok,M
14	Q3431-01DL	EO-02-10222025DL	BF144068.D	24 Oct 2025 18:48	Not Required	RC/JU	Not Ok
15	Q3405-01	PAD-10-20-25-A	BF144069.D	24 Oct 2025 19:17		RC/JU	Ok
16	Q3406-01	ARS20-0037	BF144070.D	24 Oct 2025 19:46		RC/JU	Ok
17	Q3412-01	TP-6	BF144071.D	24 Oct 2025 20:15	Need 5X Dilution	RC/JU	Dilution
18	Q3445-01	EO-01-102325	BF144072.D	24 Oct 2025 20:44		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102425

Review By	rahul	Review On	10/27/2025 10:16:31 AM		
Supervise By	Jagrut	Supervise On	10/27/2025 4:26:19 PM		
SubDirectory	BF102425	HP Acquire Method	BNA_F	HP Processing Method	BF102425
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13179,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102725

Review By	rahul	Review On	10/28/2025 11:50:33 AM
Supervise By	Jagrut	Supervise On	10/28/2025 3:54:50 PM
SubDirectory	BF102725	HP Acquire Method	BNA_F
		HP Processing Method	BF102425

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13180,10ul/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	BF144073.D	27 Oct 2025 09:29		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144074.D	27 Oct 2025 10:27		RC/JU	Ok
3	PB170206BL	PB170206BL	BF144075.D	27 Oct 2025 10:57		RC/JU	Ok
4	PB170206BS	PB170206BS	BF144076.D	27 Oct 2025 11:27		RC/JU	Ok,M
5	PB170210BS	PB170210BS	BF144077.D	27 Oct 2025 11:56		RC/JU	Ok,M
6	PB170210BL	PB170210BL	BF144078.D	27 Oct 2025 12:26		RC/JU	Ok
7	Q3385-04	EFF-WW	BF144079.D	27 Oct 2025 13:04	Surrogates Failed. - Confirmed by MS / MSD.	RC/JU	Ok
8	Q3385-05MS	EFF-WWMS	BF144080.D	27 Oct 2025 13:34	Surrogates Failed.	RC/JU	Ok
9	Q3385-06MSD	EFF-WWMSD	BF144081.D	27 Oct 2025 14:04	Surrogates Failed.	RC/JU	Ok
10	Q3404-01	MOO-25-0285-0288	BF144082.D	27 Oct 2025 14:34		RC/JU	Ok,M
11	Q3412-04	TP-6	BF144083.D	27 Oct 2025 15:03		RC/JU	Ok
12	Q3449-06	CF-620-COMP-41	BF144084.D	27 Oct 2025 15:33		RC/JU	Ok
13	Q3416-01	NB-08-10212025	BF144085.D	27 Oct 2025 16:03		RC/JU	Ok,M
14	Q3395-02	PR132-S07-000102-22	BF144086.D	27 Oct 2025 16:33		RC/JU	Ok
15	Q3395-03MS	PR132-S07-000102-22	BF144087.D	27 Oct 2025 17:03		RC/JU	Ok,M
16	Q3395-04MSD	PR132-S07-000102-22	BF144088.D	27 Oct 2025 17:33		RC/JU	Ok,NR
17	Q3412-01DL	TP-6DL	BF144089.D	27 Oct 2025 18:03		RC/JU	Ok,M

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF102725

Review By	rahul	Review On	10/28/2025 11:50:33 AM		
Supervise By	Jagrut	Supervise On	10/28/2025 3:54:50 PM		
SubDirectory	BF102725	HP Acquire Method	BNA_F	HP Processing Method	BF102425
STD. NAME	STD REF.#				
Tune/Reschk	SP6875				
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864				
CCC	SP6860				
Internal Standard/PEM	S13180,10ul/1000ul sample				
ICV/I.BLK	SP6872				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q3447-03	P001-TW2-251023-01	BF144090.D	27 Oct 2025 18:32		RC/JU	Ok
19	Q3447-05	P001-TW3-251023-01	BF144091.D	27 Oct 2025 19:02		RC/JU	Ok
20	Q3449-01	CF-620-COMP-41	BF144092.D	27 Oct 2025 19:32		RC/JU	Ok,M
21	Q3440-01	JB-2	BF144093.D	27 Oct 2025 20:02		RC/JU	Ok,M
22	Q3447-01	P001-TW1-251023-01	BF144094.D	27 Oct 2025 20:32	Need further 2X Dilution	RC/JU	Dilution
23	Q3447-07	P001-TW4-251023-01	BF144095.D	27 Oct 2025 21:02		RC/JU	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137592

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
Q3399-01	COMP-ROLLOFF	13	1.15	10.96	12.11	11.00	89.9	
Q3401-01	41-CONCRETE	1	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3402-01	41-LA	2	1.15	10.90	12.05	8.69	69.2	
Q3402-02	41-LA-E2	3	1.13	10.64	11.77	10.2	85.2	
Q3402-04	41-RA	4	1.16	10.73	11.89	7.61	60.1	
Q3402-05	41-RA-E2	5	1.16	10.98	12.14	7.39	56.7	
Q3402-07	41-LB	6	1.16	10.77	11.93	8.26	65.9	
Q3402-08	41-LB-E2	7	1.16	10.95	12.11	6.22	46.2	
Q3402-10	41-RB	8	1.11	10.87	11.98	7.01	54.3	
Q3402-11	41-RB-E2	9	1.15	10.68	11.83	9.78	80.8	
Q3403-01	MH-18	10	1.19	10.49	11.68	10.75	91.1	
Q3403-02	MH-18-EPH	11	1.16	10.66	11.82	10.8	90.4	
Q3403-03	MH-18-VOC	12	1.19	11.37	12.56	11.59	91.5	
Q3404-01	MOO-25-0285-0288	14	1.15	10.74	11.89	10.22	84.5	
Q3404-03	MOO-25-0285-0288-E2	15	1.19	10.42	11.61	9.77	82.3	
Q3404-04	MOO-25-0292	16	1.18	10.22	11.4	10.5	91.2	
Q3404-07	MOO-25-0292-EPH-2	17	1.14	10.27	11.41	10.44	90.6	
Q3405-01	PAD-10-20-25-A	18	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3405-02	PAD-10-20-25-B	19	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3405-03	PAD-10-20-25-C	20	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3405-04	SW-10-20-25-A	21	1.00	1.00	2.00	2.00	100.0	Concrete sample
Q3406-01	ARS20-0037	22	1.18	11.19	12.37	11.24	89.9	
Q3406-03	ARS20-0037-E2	23	1.18	11.48	12.66	11.4	89.0	
Q3407-01	L35-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-02	L35-B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-03	L36-A	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-04	L36-B	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-05	L37-A	28	1.00	1.00	2.00	2.00	100.0	PILC



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137592

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
Q3407-06	L37-B	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-07	L38-A	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-08	L38-B	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-09	L39-A	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-10	L39-B	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-11	L40-A	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-12	L40-B	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-13	L41-A	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-14	L41-B	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-15	L42-A	38	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-16	L42-B	39	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-17	L43-A	40	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-18	L43-B	41	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-19	L44-A	42	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-20	L44-B	43	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-21	L45-A	44	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-22	L45-B	45	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-23	L46-A	46	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-24	L46-B	47	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-25	L47-A	48	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-26	L47-B	49	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-27	L48-A	50	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-28	L48-B	51	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-29	L49-A	52	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-30	L49-B	53	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-31	L50-A	54	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-32	L50-B	55	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-33	L51-A	56	1.00	1.00	2.00	2.00	100.0	PILC



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137592

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
Q3407-34	L51-B	57	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-35	L52-A	58	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-36	L52-B	59	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-37	L53-A	60	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-38	L53-B	61	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-39	245F69-A	62	1.00	1.00	2.00	2.00	100.0	PILC
Q3407-40	245F69-B	63	1.00	1.00	2.00	2.00	100.0	PILC
Q3408-01	ASPHALT-A	64	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-02	ASPHALT-B	65	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-03	ASPHALT-C	66	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3408-04	ASPHALT-D	67	1.00	1.00	2.00	2.00	100.0	ASPHALT
Q3409-01	EXCAVATION-AREA-A	68	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3409-02	EXCAVATION-AREA-B	69	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3410-01	WASTE	70	1.14	10.45	11.59	9.59	80.9	
Q3410-02	VOC	71	1.15	10.55	11.7	9.64	80.5	
Q3410-03	1	72	1.15	10.97	12.12	9.89	79.7	
Q3410-04	2	73	1.13	11.27	12.4	11.24	89.7	
Q3410-05	3	74	1.16	10.62	11.78	9.6	79.5	
Q3410-06	4	75	1.12	10.50	11.62	9.76	82.3	
Q3410-07	5	76	1.16	10.50	11.66	9.43	78.8	
Q3412-01	TP-6	77	1.14	10.81	11.95	10.84	89.7	
Q3412-02	TP-6-EPH	78	1.18	10.73	11.91	10.7	88.7	
Q3412-03	TP-6-VOC	79	1.15	10.52	11.67	10.38	87.7	
Q3413-01	BP-VPB-184-GW-980-982	80	1.14	11.55	12.69	2.00	7.4	sludge sample
Q3414-01	SB-1	81	1.13	10.12	11.25	11.17	99.2	
Q3414-02	SB-2	82	1.15	10.62	11.77	11.6	98.4	
Q3414-03	SB-3	83	1.13	10.53	11.66	11.4	97.5	
Q3414-04	SB-4	84	1.14	10.28	11.42	11.3	98.8	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/22/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 10/21/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/22/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137592

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
Q3414-05	SB-5	85	1.16	10.25	11.41	11.34	99.3	
Q3414-06	SB-6	86	1.18	10.36	11.54	11.49	99.5	
Q3414-07	SB-7	87	1.15	10.25	11.4	11.26	98.6	
Q3414-08	SB-8	88	1.19	10.25	11.44	11.14	97.1	
Q3414-09	SB-9	89	1.16	10.31	11.47	11.18	97.2	
Q3414-10	SB-10	90	1.14	10.55	11.69	11.6	99.1	
Q3414-11	SB-11	91	1.19	10.20	11.39	11.04	96.6	
Q3414-12	SB-12	92	1.18	10.10	11.28	10.9	96.2	
Q3414-13	SB-13	93	1.14	10.06	11.2	10.85	96.5	
Q3415-01	50841	94	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-02	50842	95	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3415-03	50843	96	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3416-01	NB-08-10212025	97	1.15	10.52	11.67	11.02	93.8	
Q3416-02	NB-08-10212025-E2	98	1.18	10.92	12.1	11.43	93.9	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	Percent Solids	Cool 4 deg C	ICES02	D41	10/20/2025	Chemtech -SO
Q3401-01	41-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-01	41-LA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-02	41-LA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-04	41-RA	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-05	41-RA-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-07	41-LB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-08	41-LB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-10	41-RB	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3402-11	41-RB-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3403-01	MH-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-02	MH-18-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3403-03	MH-18-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-01	MOO-25-0285-0288	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-03	MOO-25-0285-0288-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-04	MOO-25-0292	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3404-07	MOO-25-0292-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3405-01	PAD-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-02	PAD-10-20-25-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-03	PAD-10-20-25-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3405-04	SW-10-20-25-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 15:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 10/21/25 17:13
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3406-01	ARS20-0037	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3406-03	ARS20-0037-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3407-01	L35-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-02	L35-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-03	L36-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-04	L36-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-05	L37-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-06	L37-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-07	L38-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-08	L38-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-09	L39-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-10	L39-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-11	L40-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-12	L40-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-13	L41-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-14	L41-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-15	L42-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-16	L42-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-17	L43-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-18	L43-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-19	L44-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 15:00
 Raw Sample Received by: SS WOC
 Raw Sample Relinquished by: QFS

Date/Time 10/21/25 17:30
 Raw Sample Received by: QFS
 Raw Sample Relinquished by: SS WOC

WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3407-20	L44-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-21	L45-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-22	L45-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-23	L46-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-24	L46-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-25	L47-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-26	L47-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-27	L48-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-28	L48-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-29	L49-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-30	L49-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-31	L50-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-32	L50-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-33	L51-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-34	L51-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-35	L52-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-36	L52-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-37	L53-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-38	L53-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-39	245F69-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3407-40	245F69-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO

Date/Time 10/21/25 151.00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 10/21/25 171.30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3408-01	ASPHALT-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-02	ASPHALT-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-03	ASPHALT-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3408-04	ASPHALT-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-01	EXCAVATION-AREA-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3409-02	EXCAVATION-AREA-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/20/2025	Chemtech -SO
Q3410-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3410-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J11	10/20/2025	Chemtech -SO
Q3412-01	TP-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-02	TP-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3412-03	TP-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/20/2025	Chemtech -SO
Q3413-01	BP-VPB-184-GW-980-982	Solid	Percent Solids	Cool 4 deg C	TETR06	D31	10/20/2025	Chemtech -SO
Q3414-01	SB-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-02	SB-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-03	SB-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-04	SB-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO

Date/Time 10/21/25 15:00 Date/Time 10/21/25 17:30
 Raw Sample Received by: FB ywo Raw Sample Received by: CP SN
 Raw Sample Relinquished by: OP SN Raw Sample Relinquished by: FB ywo

WORKLIST(Hardcopy Internal Chain)

W-137592

WorkList Name : %1-102125 WorkList ID : 192565 Department : Wet-Chemistry Date : 10-21-2025 08:08:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3414-05	SB-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-06	SB-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-07	SB-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-08	SB-8	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-09	SB-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-10	SB-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-11	SB-11	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-12	SB-12	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3414-13	SB-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D32	10/21/2025	Chemtech -SO
Q3415-01	50841	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-02	50842	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3415-03	50843	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/21/2025	Chemtech -SO
Q3416-01	NB-08-10212025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3416-02	NB-08-10212025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/21/2025	Chemtech -SO
Q3418-01	101725	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-02	101725-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO
Q3418-03	101725-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/21/2025	Chemtech -SO

Date/Time 10/21/25 15:00
 Raw Sample Received by: SB wcc
 Raw Sample Relinquished by: cd sm

Date/Time 10/21/25 17:30
 Raw Sample Received by: cd sm
 Raw Sample Relinquished by: SB wcc

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137624

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
Q3399-03	COMP-ROLLOFF	15	1.15	10.96	12.11	11.00	89.9	
Q3437-03	SS-15R(2.0-2.5)	1	1.18	10.46	11.64	10.32	87.4	
Q3437-05	SS-26(0-0.5)	2	1.16	10.19	11.35	10.17	88.4	
Q3437-11	SS-27(0-0.5)	3	1.17	10.34	11.51	10.85	93.6	
Q3437-14	SS-25(0-0.5)	4	1.11	10.33	11.44	10.34	89.4	
Q3437-16	SS-23(0-0.5)	5	1.13	10.84	11.97	11.26	93.5	
Q3439-01	TP-9	6	1.18	10.29	11.47	10.55	91.1	
Q3439-02	TP-9-EPH	7	1.19	10.61	11.8	10.87	91.2	
Q3439-03	TP-9-VOC	8	1.18	10.14	11.32	10.41	91.0	
Q3439-05	TP-10	9	1.15	10.60	11.75	10.82	91.2	
Q3439-06	TP-10-EPH	10	1.19	10.17	11.36	10.44	91.0	
Q3439-07	TP-10-VOC	11	1.18	10.31	11.49	10.37	89.1	
Q3440-01	JB-2	12	1.13	11.32	12.45	10.38	81.7	
Q3440-02	JB-2-EPH	13	1.17	10.42	11.59	9.79	82.7	
Q3440-03	JB-2-VOC	14	1.13	8.36	9.49	8.14	83.9	
Q3445-01	EO-01-102325	16	1.14	10.46	11.6	10.74	91.8	
Q3445-02	EO-01-102325-E2	17	1.16	10.40	11.56	10.57	90.5	
Q3446-01	SB-14	18	1.11	10.00	11.11	10.82	97.1	
Q3446-02	SB-15	19	1.14	10.54	11.68	11.64	99.6	
Q3446-03	SB-16	20	1.19	10.31	11.5	11.44	99.4	
Q3446-04	SB-17	21	1.19	10.13	11.32	11.27	99.5	
Q3446-05	SB-18	22	1.19	10.53	11.72	11.67	99.5	
Q3446-06	SB-19	23	1.15	10.44	11.59	11.32	97.4	
Q3446-07	SB-20	24	1.16	10.50	11.66	11.6	99.4	
Q3446-08	SB-21	25	1.14	10.08	11.22	10.9	96.8	
Q3447-01	P001-TW1-251023-01	26	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q3447-03	P001-TW2-251023-01	27	1.19	10.43	11.62	10.75	91.7	
Q3447-05	P001-TW3-251023-01	28	1.18	10.70	11.88	11.64	97.8	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137624

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
Q3447-07	P001-TW4-251023-01	29	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

10/21/2024

WorkList Name : %1-102325

WorkList ID : 192629

Department : Wet-Chemistry

Date : 10-23-2025 08:26:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-03	COMP-ROLLOFF	Solid	Percent Solids	Cool 4 deg C	ICES02	D41	10/20/2025	Chemtech -SO
Q3437-03	SS-15R(2.0-2.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-05	SS-26(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-11	SS-27(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-14	SS-25(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-16	SS-23(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3439-01	TP-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-02	TP-9-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-03	TP-9-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-05	TP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-06	TP-10-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3439-07	TP-10-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3440-01	JB-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3440-02	JB-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3440-03	JB-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3445-01	EO-01-102325	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/23/2025	Chemtech -SO
Q3445-02	EO-01-102325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/23/2025	Chemtech -SO
Q3446-01	SB-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-02	SB-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-03	SB-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-04	SB-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO

Date/Time 10/23/25 15:00
 Raw Sample Received by: JH (wpc)
 Raw Sample Relinquished by: JH (wpc)

Date/Time 10/23/25 17:30
 Raw Sample Received by: JH (wpc)
 Raw Sample Relinquished by: JH (wpc)

WORKLIST(Hardcopy Internal Chain)

10/23/25

WorkList Name : %1-102325

WorkList ID : 192629

Department : Wet-Chemistry

Date : 10-23-2025 08:26:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3446-05	SB-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-06	SB-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-07	SB-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-08	SB-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3447-01	P001-TW1-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-03	P001-TW2-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-05	P001-TW3-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-07	P001-TW4-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO

Date/Time 10/23/25 15:00
 Raw Sample Received by: JG WWC
 Raw Sample Relinquished by: JG WWC

Date/Time 10/23/25 17:30
 Raw Sample Received by: JG WWC
 Raw Sample Relinquished by: JG WWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: N/A

Extraction Start Date : 10/22/2025

Matrix : Solid

Extraction Start Time : 09:55

Weigh By: EH

Extraction By: EH

Extraction End Date : 10/22/2025

Balance check: EH

Filter By: RS

Extraction End Time : 13:55

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

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	N/A	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	EP2652
Methylene Chloride	N/A	E3980
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
10/22/25	RS (Ext Lab)	Rolsrac
14:00	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/22/2025

Sample ID	Client Sample ID	Test	(g)/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170206BL	SBLK206	SVOC-TCL BNA -20	30.01	N/A	Evelyn	RUPESH	1			U6-1
PB170206BS	SLCS206	SVOC-TCL BNA -20	30.03	N/A	Evelyn	RUPESH	1			2
Q3399-01	COMP-ROLLOFF	SVOC-TCL BNA -20	30.09	N/A	Evelyn	RUPESH	1	C		3
Q3399-01MS	COMP-ROLLOFFMS	SVOC-TCL BNA -20	30.08	N/A	Evelyn	RUPESH	1	C		4
Q3399-01MS D	COMP-ROLLOFFMSD	SVOC-TCL BNA -20	30.06	N/A	Evelyn	RUPESH	1	C		5
Q3404-01	MOO-25-0285-0288	SVOC-TCL BNA -20	50.10	N/A	Evelyn	RUPESH	1	E		6
Q3404-04	MOO-25-0292	SVOC-TCL BNA -20	30.03	N/A	Evelyn	RUPESH	1	E	Small Particles	U1-1
Q3405-01	PAD-10-20-25-A	SVOC-PAH	50.05	N/A	Evelyn	RUPESH	1	B	Concrete	2
Q3405-02	PAD-10-20-25-B	SVOC-PAH	50.08	N/A	Evelyn	RUPESH	1	B	Concrete	3
Q3405-03	PAD-10-20-25-C	SVOC-PAH	50.01	N/A	Evelyn	RUPESH	1	B	Concrete	4
Q3405-04	SW-10-20-25-A	SVOC-PAH	50.04	N/A	Evelyn	RUPESH	1	B	Concrete	5
Q3406-01	ARS20-0037	SVOC-TCL BNA -20	50.07	N/A	Evelyn	RUPESH	1	E		6
Q3409-01	EXCAVATION-AREA-A	SVOC-PAH	50.02	N/A	Evelyn	RUPESH	1	B		U3-1
Q3409-02	EXCAVATION-AREA-B	SVOC-PAH	50.05	N/A	Evelyn	RUPESH	1	B		2
Q3412-01	TP-6	SVOC-TCL BNA -20	50.08	N/A	Evelyn	RUPESH	1	E		3
Q3416-01	NB-08-10212025	SVOC-TCL BNA -20	50.04	N/A	Evelyn	RUPESH	1	E		4

RS
10/22

10/20/25
P.D.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3412 WorkList ID : 192609 Department : Extraction Date : 10-22-2025 09:14:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-01	COMP-ROLLOFF	Solid	SVOC-TCL BNA -20	Cool 4 deg C	ICES02	D41	10/20/2025	8270E
Q3404-01	MOO-25-0285-0288	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3404-04	MOO-25-0292	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3405-01	PAD-10-20-25-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-02	PAD-10-20-25-B	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-03	PAD-10-20-25-C	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3405-04	SW-10-20-25-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3406-01	ARS20-0037	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3409-01	EXCAVATION-AREA-A	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3409-02	EXCAVATION-AREA-B	Solid	SVOC-PAH	Cool 4 deg C	PSEG03	D41	10/20/2025	8270E
Q3412-01	TP-6	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/20/2025	8270E
Q3416-01	NB-08-10212025	Solid	SVOC-TCL BNA -20	Cool 4 deg C	PSEG05	D31	10/21/2025	8270E

Date/Time 10/22/25 9:50
Raw Sample Received by: RS (Ext 666)
Raw Sample Relinquished by: RS (Ext 666)

Date/Time 10/22/25 10:20
Raw Sample Received by: RS (Ext 666)
Raw Sample Relinquished by: RS (Ext 666)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: TCE Service Group, Inc.
ADDRESS: 125 Bloomingdale Rd
CITY Levittown STATE: N.Y. ZIP:
ATTENTION: Dennis d. Morgan, II
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ICES 02
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY Stam STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): 72 HR TAT 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 2. TCLP 3. Hev 4. DF 5. PC 6. 7. 8. 9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	<u>Comp-Rolloff</u> <u>I</u>	<u>sol</u>	<u>X</u>		<u>10-20-25</u>	<u>12:00</u>	<u>6</u>			<u>X</u>	<u>X</u>	<u>X</u>					<u>Pid = 1.3</u>
2.		<u>I</u>		<u>X</u>	<u>I</u>	<u>12:04</u>	<u>3</u>	<u>X</u>	<u>X</u>								<u>Pid = 1.3</u>
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. <u>[Signature]</u>	DATE/TIME: <u>1300</u> <u>10-20-2025</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP <u>35</u> °C Comments: <u>*Pid Meter Calibrated 10-20-2025 *</u> <u>Equal Volume of soil used,</u>
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME: <u></u>	RECEIVED BY: 2. <u>[Signature]</u>	
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>1759</u> <u>10-20-2025</u>	RECEIVED BY: 3. <u>[Signature]</u>	

Page of 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 : Q3399 ICES02
Client Name : ICE Service Group, Inc.
Client Contact : Dennis D. Morgan, II
Invoice Name : ICE Service Group, Inc.
Invoice Contact : Dennis D. Morgan, II

Order Date : 10/20/2025 1:23:08 PM
Project Name : NWIRP Northrup Grumman
Receive Date Time : 10/20/2025 12:00:00 AM
Purchase Order : 5:54 PM

Project Mgr :
Report Type : NYS ASP A
EDD Type : NYSDEC EDD V-4
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3399-03	COMP-ROLLOFF	Solid	10/20/2025	12:04	VOC-TCLVOA-10		8260D		3 Bus. Days

Relinquished By :

Date / Time : 10/21/25 0740

Received By :

Date / Time : 10/21/25 08:00

Storage Area : VOA Refridgerator Room