

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: Q3700
Client: Ardmore Chemical
Contact: Michael Sharphouse

OrderDate: 11/20/2025 4:11:00 PM
Project: PVSC Monthly 2025
Location: E11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3700-04	EFF-WW	Water	SVOCMS Group1	625.1	11/20/25	11/25/25	11/25/25	11/20/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3700
Client: Ardmore Chemical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			0.00		
			Total Concentration:			0.00		



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: Q3700

Client: Ardmore Chemical

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB170730BL	PB170730BL	2-Fluorophenol	100	84.6	85		60	140
		Phenol-d6	100	87.9	88		60	140
		Nitrobenzene-d5	100	84.2	84		60	140
		2-Fluorobiphenyl	100	83.9	84		60	140
		2,4,6-Tribromophenol	100	65.0	65		60	140
		Terphenyl-d14	100	79.5	79		60	140
PB170730BS	PB170730BS	2-Fluorophenol	100	88.4	88		60	140
		Phenol-d6	100	88.6	89		60	140
		Nitrobenzene-d5	100	86.0	86		60	140
		2-Fluorobiphenyl	100	90.3	90		60	140
		2,4,6-Tribromophenol	100	81.2	81		60	140
		Terphenyl-d14	100	83.5	84		60	140
Q3700-04	EFF-WW	2-Fluorophenol	100	52.0	52	*	60	140
		Phenol-d6	100	35.9	36	*	60	140
		Nitrobenzene-d5	100	106	106		60	140
		2-Fluorobiphenyl	100	76.1	76		60	140
		2,4,6-Tribromophenol	100	73.8	74		60	140
		Terphenyl-d14	100	65.5	65		60	140
Q3700-05MS	EFF-WWMS	2-Fluorophenol	100	56.5	56	*	60	140
		Phenol-d6	100	40.9	41	*	60	140
		Nitrobenzene-d5	100	84.0	84		60	140
		2-Fluorobiphenyl	100	79.2	79		60	140
		2,4,6-Tribromophenol	100	70.2	70		60	140
		Terphenyl-d14	100	68.0	68		60	140
Q3700-06MSD	EFF-WWMSD	2-Fluorophenol	100	57.5	58	*	60	140
		Phenol-d6	100	40.1	40	*	60	140
		Nitrobenzene-d5	100	87.3	87		60	140
		2-Fluorobiphenyl	100	81.7	82		60	140
		2,4,6-Tribromophenol	100	71.5	72		60	140
		Terphenyl-d14	100	70.8	71		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3700

Analytical Method: SW625.1

Client: Ardmore Chemical

DataFile: BF144353.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3700-05MS		Client Sample ID: EFF-WWMS									
n-Nitrosodimethylamine	94.3	0	44.4	ug/L	47				10	160	
Phenol	94.3	0	39.1	ug/L	41				5	120	
bis(2-Chloroethyl)ether	94.3	0	70.6	ug/L	75				12	158	
2-Chlorophenol	94.3	0	65.1	ug/L	69				23	134	
2,2-oxybis(1-Chloropropane)	94.3	0	71.9	ug/L	76				36	166	
N-Nitroso-di-n-propylamine	94.3	0	77.8	ug/L	83				1	230	
Hexachloroethane	94.3	0	57.7	ug/L	61				40	120	
Nitrobenzene	94.3	0	74.7	ug/L	79				35	180	
Isophorone	94.3	0	76.9	ug/L	82				21	196	
2-Nitrophenol	94.3	0	79.7	ug/L	85				29	182	
2,4-Dimethylphenol	94.3	0	77.3	ug/L	82				32	120	
bis(2-Chloroethoxy)methane	94.3	0	77.6	ug/L	82				33	184	
2,4-Dichlorophenol	94.3	0	61.9	ug/L	66				39	135	
1,2,4-Trichlorobenzene	94.3	0	57.0	ug/L	60				44	142	
Naphthalene	94.3	0	71.9	ug/L	76				21	133	
Hexachlorobutadiene	94.3	0	63.4	ug/L	67				24	120	
4-Chloro-3-methylphenol	94.3	0	62.7	ug/L	66				22	147	
Hexachlorocyclopentadiene	190	0	89.2	ug/L	47				10	218	
2,4,6-Trichlorophenol	94.3	0	64.0	ug/L	68				37	144	
2-Chloronaphthalene	94.3	0	76.5	ug/L	81				60	120	
Dimethylphthalate	94.3	0	78.3	ug/L	83				1	120	
Acenaphthylene	94.3	0	88.1	ug/L	93				33	145	
2,6-Dinitrotoluene	94.3	0	82.5	ug/L	87				50	158	
Acenaphthene	94.3	0	69.8	ug/L	74				47	145	
2,4-Dinitrophenol	190	0	150	ug/L	79				1	191	
4-Nitrophenol	190	0	71.1	ug/L	37				1	132	
2,4-Dinitrotoluene	94.3	0	79.3	ug/L	84				39	139	
Diethylphthalate	94.3	0	74.3	ug/L	79				1	120	
4-Chlorophenyl-phenylether	94.3	0	71.7	ug/L	76				25	158	
Fluorene	94.3	0	75.4	ug/L	80				59	121	
4,6-Dinitro-2-methylphenol	94.3	0	73.8	ug/L	78				1	181	
N-Nitrosodiphenylamine	94.3	0	84.1	ug/L	89				59	137	
Azobenzene	94.3	0	80.5	ug/L	85				70	124	
4-Bromophenyl-phenylether	94.3	0	75.0	ug/L	80				53	127	
Hexachlorobenzene	94.3	0	78.1	ug/L	83				1	152	
Pentachlorophenol	190	0	170	ug/L	89				14	176	
Phenanthrene	94.3	0	80.0	ug/L	85				54	120	
Anthracene	94.3	0	81.6	ug/L	87				27	133	
Di-n-butylphthalate	94.3	0	54.1	ug/L	57				1	120	
Fluoranthene	94.3	0	77.0	ug/L	82				26	137	
Benzidine	190	0	29.0	ug/L	15				10	159	
Pyrene	94.3	0	64.7	ug/L	69				52	120	
Butylbenzylphthalate	94.3	0	79.0	ug/L	84				1	152	
3,3-Dichlorobenzidine	94.3	0	35.4	ug/L	38				1	262	
Benzo(a)anthracene	94.3	0	79.9	ug/L	85				33	143	
Chrysene	94.3	0	79.4	ug/L	84				17	168	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3700

Analytical Method: SW625.1

Client: Ardmore Chemical

DataFile: BF144353.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
bis(2-Ethylhexyl)phthalate	94.3	0	84.8	ug/L	90				8	158	
Di-n-octyl phthalate	94.3	0	88.7	ug/L	94				4	146	
Benzo(b)fluoranthene	94.3	0	81.7	ug/L	87				24	159	
Benzo(k)fluoranthene	94.3	0	77.2	ug/L	82				11	162	
Benzo(a)pyrene	94.3	0	79.1	ug/L	84				17	163	
Indeno(1,2,3-cd)pyrene	94.3	0	76.5	ug/L	81				1	171	
Dibenz(a,h)anthracene	94.3	0	75.8	ug/L	80				1	227	
Benzo(g,h,i)perylene	94.3	0	79.4	ug/L	84				1	219	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3700

Analytical Method: SW625.1

Client: Ardmore Chemical

DataFile: BF144354.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3700-06MSD		Client Sample ID: EFF-WWMSD									
n-Nitrosodimethylamine	72.5	0	34.5	ug/L	48		2		10	160	20
Phenol	72.5	0	29.9	ug/L	41		0		5	120	20
bis(2-Chloroethyl)ether	72.5	0	54.2	ug/L	75		0		12	158	20
2-Chlorophenol	72.5	0	51.3	ug/L	71		3		23	134	20
2,2-oxybis(1-Chloropropane)	72.5	0	54.9	ug/L	76		0		36	166	20
N-Nitroso-di-n-propylamine	72.5	0	59.3	ug/L	82		1		1	230	20
Hexachloroethane	72.5	0	44.5	ug/L	61		0		40	120	20
Nitrobenzene	72.5	0	60.5	ug/L	83		5		35	180	20
Isophorone	72.5	0	60.5	ug/L	83		1		21	196	20
2-Nitrophenol	72.5	0	62.1	ug/L	86		1		29	182	20
2,4-Dimethylphenol	72.5	0	63.2	ug/L	87		6		32	120	20
bis(2-Chloroethoxy)methane	72.5	0	60.9	ug/L	84		2		33	184	20
2,4-Dichlorophenol	72.5	0	48.5	ug/L	67		2		39	135	20
1,2,4-Trichlorobenzene	72.5	0	45.1	ug/L	62		3		44	142	20
Naphthalene	72.5	0	56.6	ug/L	78		3		21	133	20
Hexachlorobutadiene	72.5	0	49.5	ug/L	68		1		24	120	20
4-Chloro-3-methylphenol	72.5	0	49.8	ug/L	69		4		22	147	20
Hexachlorocyclopentadiene	140	0	69.2	ug/L	49		4		10	218	20
2,4,6-Trichlorophenol	72.5	0	49.9	ug/L	69		1		37	144	20
2-Chloronaphthalene	72.5	0	60.4	ug/L	83		2		60	120	20
Dimethylphthalate	72.5	0	60.9	ug/L	84		1		1	120	20
Acenaphthylene	72.5	0	68.0	ug/L	94		1		33	145	20
2,6-Dinitrotoluene	72.5	0	63.8	ug/L	88		1		50	158	20
Acenaphthene	72.5	0	54.9	ug/L	76		3		47	145	20
2,4-Dinitrophenol	140	0	120	ug/L	86		8		1	191	20
4-Nitrophenol	140	0	54.0	ug/L	39		5		1	132	20
2,4-Dinitrotoluene	72.5	0	60.6	ug/L	84		0		39	139	20
Diethylphthalate	72.5	0	58.1	ug/L	80		1		1	120	20
4-Chlorophenyl-phenylether	72.5	0	56.6	ug/L	78		3		25	158	20
Fluorene	72.5	0	59.6	ug/L	82		2		59	121	20
4,6-Dinitro-2-methylphenol	72.5	0	58.0	ug/L	80		3		1	181	20
N-Nitrosodiphenylamine	72.5	0	64.7	ug/L	89		0		59	137	20
Azobenzene	72.5	0	63.0	ug/L	87		2		70	124	20
4-Bromophenyl-phenylether	72.5	0	59.5	ug/L	82		2		53	127	20
Hexachlorobenzene	72.5	0	60.7	ug/L	84		1		1	152	20
Pentachlorophenol	140	0	130	ug/L	93		4		14	176	20
Phenanthrene	72.5	0	63.5	ug/L	88		3		54	120	20
Anthracene	72.5	0	64.5	ug/L	89		2		27	133	20
Di-n-butylphthalate	72.5	0	42.7	ug/L	59		3		1	120	20
Fluoranthene	72.5	0	64.2	ug/L	89		8		26	137	20
Benzidine	140	0	28.5	ug/L	20		29	*	10	159	20
Pyrene	72.5	0	50.7	ug/L	70		1		52	120	20
Butylbenzylphthalate	72.5	0	63.1	ug/L	87		4		1	152	20
3,3-Dichlorobenzidine	72.5	0	31.8	ug/L	44		15		1	262	20
Benzo(a)anthracene	72.5	0	64.8	ug/L	89		5		33	143	20
Chrysene	72.5	0	65.1	ug/L	90		7		17	168	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3700

Analytical Method: SW625.1

Client: Ardmore Chemical

DataFile: BF144354.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
bis(2-Ethylhexyl)phthalate	72.5	0	68.6	ug/L	95		5		8	158	20
Di-n-octyl phthalate	72.5	0	72.1	ug/L	99		5		4	146	20
Benzo(b)fluoranthene	72.5	0	64.5	ug/L	89		2		24	159	20
Benzo(k)fluoranthene	72.5	0	59.5	ug/L	82		0		11	162	20
Benzo(a)pyrene	72.5	0	63.5	ug/L	88		5		17	163	20
Indeno(1,2,3-cd)pyrene	72.5	0	59.5	ug/L	82		1		1	171	20
Dibenz(a,h)anthracene	72.5	0	60.5	ug/L	83		4		1	227	20
Benzo(g,h,i)perylene	72.5	0	60.9	ug/L	84		0		1	219	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3700</u>	Analytical Method: <u>625.1</u>
Client: <u>Ardmore Chemical</u>	DataFile: <u>BF144350.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170730BS	n-Nitrosodimethylamine	50	42.6	ug/L	85				52	110	
	Phenol	50	41.6	ug/L	83				48	130	
	bis(2-Chloroethyl)ether	50	44.6	ug/L	89				52	130	
	2-Chlorophenol	50	44.3	ug/L	89				55	130	
	2,2-oxybis(1-Chloropropane)	50	46.0	ug/L	92				63	139	
	N-Nitroso-di-n-propylamine	50	41.4	ug/L	83				59	170	
	Hexachloroethane	50	41.6	ug/L	83				55	130	
	Nitrobenzene	50	43.3	ug/L	87				54	158	
	Isophorone	50	44.5	ug/L	89				52	180	
	2-Nitrophenol	50	45.8	ug/L	92				61	163	
	2,4-Dimethylphenol	50	48.7	ug/L	97				58	130	
	bis(2-Chloroethoxy)methane	50	44.5	ug/L	89				52	164	
	2,4-Dichlorophenol	50	41.8	ug/L	84				64	130	
	1,2,4-Trichlorobenzene	50	43.2	ug/L	86				44	142	
	Naphthalene	50	43.0	ug/L	86				70	130	
	Hexachlorobutadiene	50	40.1	ug/L	80				68	130	
	4-Chloro-3-methylphenol	50	40.9	ug/L	82				68	130	
	Hexachlorocyclopentadiene	100	83.9	ug/L	84				21	137	
	2,4,6-Trichlorophenol	50	45.1	ug/L	90				69	130	
	2-Chloronaphthalene	50	47.0	ug/L	94				70	130	
	Dimethylphthalate	50	46.0	ug/L	92				50	130	
	Acenaphthylene	50	48.7	ug/L	97				60	130	
	2,6-Dinitrotoluene	50	49.6	ug/L	99				68	137	
	Acenaphthene	50	43.0	ug/L	86				70	130	
	2,4-Dinitrophenol	100	90.3	ug/L	90				39	173	
	4-Nitrophenol	100	81.0	ug/L	81				35	130	
	2,4-Dinitrotoluene	50	46.2	ug/L	92				53	130	
	Diethylphthalate	50	44.7	ug/L	89				47	130	
	4-Chlorophenyl-phenylether	50	43.8	ug/L	88				57	145	
	Fluorene	50	46.1	ug/L	92				70	130	
	4,6-Dinitro-2-methylphenol	50	42.1	ug/L	84				56	130	
	N-Nitrosodiphenylamine	50	44.3	ug/L	89				63	100	
	Azobenzene	50	45.7	ug/L	91				58	105	
	4-Bromophenyl-phenylether	50	41.8	ug/L	84				70	130	
	Hexachlorobenzene	50	42.2	ug/L	84				38	142	
	Pentachlorophenol	100	73.7	ug/L	74				42	152	
	Phenanthrene	50	43.8	ug/L	88				67	130	
	Anthracene	50	42.2	ug/L	84				58	130	
	Di-n-butylphthalate	50	42.6	ug/L	85				52	130	
	Fluoranthene	50	43.2	ug/L	86				47	130	
	Benzidine	100	8.90	ug/L	9		*		10	133	
	Pyrene	50	41.9	ug/L	84				70	130	
	Butylbenzylphthalate	50	46.4	ug/L	93				43	140	
	3,3-Dichlorobenzidine	50	46.2	ug/L	92				18	213	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3700

Analytical Method: 625.1

Client: Ardmore Chemical

DataFile: BF144350.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB170730BS	Benzo(a)anthracene	50	49.6	ug/L	99				42	133	
	Chrysene	50	46.4	ug/L	93				44	140	
	bis(2-Ethylhexyl)phthalate	50	48.1	ug/L	96				43	137	
	Di-n-octyl phthalate	50	51.0	ug/L	102				21	132	
	Benzo(b)fluoranthene	50	56.7	ug/L	113				42	140	
	Benzo(k)fluoranthene	50	46.8	ug/L	94				25	146	
	Benzo(a)pyrene	50	48.8	ug/L	98				32	148	
	Indeno(1,2,3-cd)pyrene	50	48.3	ug/L	97				13	151	
	Dibenz(a,h)anthracene	50	49.8	ug/L	100				13	200	
	Benzo(g,h,i)perylene	50	50.7	ug/L	101				13	195	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB170730BL

Lab Name: Alliance

Contract: ARDM01

Lab Code: ACE

SDG NO.: Q3700

Lab File ID: BF144351.D

Lab Sample ID: PB170730BL

Instrument ID: BNA_F

Date Extracted: 11/25/2025

Matrix: (soil/water) Water

Date Analyzed: 11/25/2025

Level: (low/med) LOW

Time Analyzed: 15:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170730BS	PB170730BS	BF144350.D	11/25/2025
EFF-WW	Q3700-04	BF144352.D	11/25/2025
EFF-WWMS	Q3700-05MS	BF144353.D	11/25/2025
EFF-WWMSD	Q3700-06MSD	BF144354.D	11/25/2025

COMMENTS: _____



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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BF144168.D
Instrument ID: BNA_F

Contract: ARDM01
SDG NO.: Q3700
DFTPP Injection Date: 11/05/2025
DFTPP Injection Time: 12:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.8) 1
69	Mass 69 relative abundance	24.5
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.2
365	Greater than 1% of mass 198	2.6
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	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF144169.D	11/05/2025	12:50
SSTDICC005	SSTDICC005	BF144170.D	11/05/2025	13:20
SSTDICC010	SSTDICC010	BF144171.D	11/05/2025	13:50
SSTDICC020	SSTDICC020	BF144172.D	11/05/2025	14:20
SSTDICCC040	SSTDICCC040	BF144173.D	11/05/2025	14:50
SSTDICC050	SSTDICC050	BF144174.D	11/05/2025	15:49
SSTDICC060	SSTDICC060	BF144175.D	11/05/2025	16:19
SSTDICC080	SSTDICC080	BF144176.D	11/05/2025	16:49



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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: BF144347.D
Instrument ID: BNA_F

Contract: ARDM01
SDG NO.: Q3700
DFTPP Injection Date: 11/25/2025
DFTPP Injection Time: 13:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	23.2
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
365	Greater than 1% of mass 198	2.6
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	17.7 (17.7) 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	BF144348.D	11/25/2025	13:54
PB170730BS	PB170730BS	BF144350.D	11/25/2025	14:54
PB170730BL	PB170730BL	BF144351.D	11/25/2025	15:24
EFF-WW	Q3700-04	BF144352.D	11/25/2025	16:15
EFF-WWMS	Q3700-05MS	BF144353.D	11/25/2025	16:45
EFF-WWMSD	Q3700-06MSD	BF144354.D	11/25/2025	17:14

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3700

Client ID : SSTDCCC040

Date Analyzed: 11/25/2025

Lab File ID: BF144348.D

Time Analyzed: 13:54

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	48785	6.863	180679	8.15	87905	9.90
UPPER LIMIT	97570	7.363	361358	8.645	175810	10.398
LOWER LIMIT	24392.5	6.363	90339.5	7.645	43952.5	9.398
EPA SAMPLE NO.						
01 PB170730BL	60817	6.86	237169	8.14	123302	9.90
02 PB170730BS	61843	6.86	232918	8.15	113683	9.90
03 EFF-WW	52716	6.86	150908	8.15	98746	9.90
04 EFF-WWMS	53861	6.86	190607	8.15	99198	9.90
05 EFF-WWMSD	51254	6.86	175810	8.15	91917	9.90

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.: Q3700

Client ID: SSTDCCC040

Date Analyzed: 11/25/2025

Lab File ID: BF144348.D

Time Analyzed: 13:54

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	143543	11.392	127780	14.039	177416	15.521
UPPER LIMIT	287086	11.892	255560	14.539	354832	16.021
LOWER LIMIT	71771.5	10.892	63890	13.539	88708	15.021
EPA SAMPLE NO.						
01 PB170730BL	217878	11.39	134877	14.04	174045	15.52
02 PB170730BS	198856	11.39	132740	14.04	166770	15.52
03 EFF-WW	159320	11.39	146743	14.04	179293	15.52
04 EFF-WWMS	155991	11.39	130434	14.05	172449	15.52
05 EFF-WWMSD	143744	11.39	124635	14.05	173017	15.52

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client: Ardmore Chemical		Date Collected: 11/20/25
Project: PVSC Monthly 2025		Date Received: 11/20/25
Client Sample ID: EFF-WW		SDG No.: Q3700
Lab Sample ID: Q3700-04		Matrix: Water
Analytical Method: 625.1	Level: LOW	% Solid: 0
Sample Wt/Vol: 800 mL	Final Vol: 1000 uL	Test: SVOCMS Group1
Prep Method : 3510C	Prep Date: 11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	1.10	U	1	1.10	12.5	ug/L	11/25/25 16:15	PB170730
108-95-2	Phenol	1.10	U	1	1.10	6.30	ug/L	11/25/25 16:15	PB170730
111-44-4	bis(2-Chloroethyl)ether	1.00	U	1	1.00	6.30	ug/L	11/25/25 16:15	PB170730
95-57-8	2-Chlorophenol	0.73	U	1	0.73	6.30	ug/L	11/25/25 16:15	PB170730
108-60-1	2,2-oxybis(1-Chloropropane)	1.60	U	1	1.60	6.30	ug/L	11/25/25 16:15	PB170730
621-64-7	n-Nitroso-di-n-propylamine	1.80	U	1	1.80	6.30	ug/L	11/25/25 16:15	PB170730
67-72-1	Hexachloroethane	0.81	U	1	0.81	6.30	ug/L	11/25/25 16:15	PB170730
98-95-3	Nitrobenzene	0.95	U	1	0.95	6.30	ug/L	11/25/25 16:15	PB170730
78-59-1	Isophorone	0.94	U	1	0.94	6.30	ug/L	11/25/25 16:15	PB170730
88-75-5	2-Nitrophenol	2.20	U	1	2.20	6.30	ug/L	11/25/25 16:15	PB170730
105-67-9	2,4-Dimethylphenol	2.30	U	1	2.30	6.30	ug/L	11/25/25 16:15	PB170730
111-91-1	bis(2-Chloroethoxy)methane	0.85	U	1	0.85	6.30	ug/L	11/25/25 16:15	PB170730
120-83-2	2,4-Dichlorophenol	0.65	U	1	0.65	6.30	ug/L	11/25/25 16:15	PB170730
120-82-1	1,2,4-Trichlorobenzene	0.68	U	1	0.68	6.30	ug/L	11/25/25 16:15	PB170730
91-20-3	Naphthalene	0.63	U	1	0.63	6.30	ug/L	11/25/25 16:15	PB170730
87-68-3	Hexachlorobutadiene	0.68	U	1	0.68	6.30	ug/L	11/25/25 16:15	PB170730
59-50-7	4-Chloro-3-methylphenol	0.74	U	1	0.74	6.30	ug/L	11/25/25 16:15	PB170730
77-47-4	Hexachlorocyclopentadiene	4.50	U	1	4.50	12.5	ug/L	11/25/25 16:15	PB170730
88-06-2	2,4,6-Trichlorophenol	0.64	U	1	0.64	6.30	ug/L	11/25/25 16:15	PB170730
91-58-7	2-Chloronaphthalene	0.76	U	1	0.76	6.30	ug/L	11/25/25 16:15	PB170730
131-11-3	Dimethylphthalate	0.76	U	1	0.76	6.30	ug/L	11/25/25 16:15	PB170730
208-96-8	Acenaphthylene	0.94	U	1	0.94	6.30	ug/L	11/25/25 16:15	PB170730
606-20-2	2,6-Dinitrotoluene	1.20	U	1	1.20	6.30	ug/L	11/25/25 16:15	PB170730
83-32-9	Acenaphthene	0.69	U	1	0.69	6.30	ug/L	11/25/25 16:15	PB170730
51-28-5	2,4-Dinitrophenol	7.50	U	1	7.50	12.5	ug/L	11/25/25 16:15	PB170730
100-02-7	4-Nitrophenol	3.00	U	1	3.00	12.5	ug/L	11/25/25 16:15	PB170730
121-14-2	2,4-Dinitrotoluene	1.50	U	1	1.50	6.30	ug/L	11/25/25 16:15	PB170730
84-66-2	Diethylphthalate	0.86	U	1	0.86	6.30	ug/L	11/25/25 16:15	PB170730
7005-72-3	4-Chlorophenyl-phenylether	0.85	U	1	0.85	6.30	ug/L	11/25/25 16:15	PB170730
86-73-7	Fluorene	0.79	U	1	0.79	6.30	ug/L	11/25/25 16:15	PB170730
534-52-1	4,6-Dinitro-2-methylphenol	3.60	U	1	3.60	12.5	ug/L	11/25/25 16:15	PB170730
86-30-6	n-Nitrosodiphenylamine	0.73	U	1	0.73	6.30	ug/L	11/25/25 16:15	PB170730
103-33-3	Azobenzene	1.00	U	1	1.00	6.30	ug/L	11/25/25 16:15	PB170730
101-55-3	4-Bromophenyl-phenylether	0.50	U	1	0.50	6.30	ug/L	11/25/25 16:15	PB170730
118-74-1	Hexachlorobenzene	0.65	U	1	0.65	6.30	ug/L	11/25/25 16:15	PB170730
87-86-5	Pentachlorophenol	2.00	U	1	2.00	12.5	ug/L	11/25/25 16:15	PB170730
85-01-8	Phenanthrene	0.63	U	1	0.63	6.30	ug/L	11/25/25 16:15	PB170730
120-12-7	Anthracene	0.76	U	1	0.76	6.30	ug/L	11/25/25 16:15	PB170730
84-74-2	Di-n-butylphthalate	1.50	U	1	1.50	6.30	ug/L	11/25/25 16:15	PB170730
206-44-0	Fluoranthene	1.00	U	1	1.00	6.30	ug/L	11/25/25 16:15	PB170730
92-87-5	Benzidine	5.40	UQ	1	5.40	12.5	ug/L	11/25/25 16:15	PB170730
129-00-0	Pyrene	0.63	U	1	0.63	6.30	ug/L	11/25/25 16:15	PB170730



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Fax : 908 789 8922

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	11/20/25
Project:	PVSC Monthly 2025		Date Received:	11/20/25
Client Sample ID:	EFF-WW		SDG No.:	Q3700
Lab Sample ID:	Q3700-04		Matrix:	Water
Analytical Method:	625.1	Level: LOW	% Solid:	0
Sample Wt/Vol:	800 mL	Final Vol:	1000 uL	Test:
Prep Method :	3510C	Prep Date:	11/25/25 SVOCMS Group1	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	2.40	U	1	2.40	6.30	ug/L	11/25/25 16:15	PB170730
91-94-1	3,3-Dichlorobenzidine	1.20	U	1	1.20	12.5	ug/L	11/25/25 16:15	PB170730
56-55-3	Benzo(a)anthracene	0.56	U	1	0.56	6.30	ug/L	11/25/25 16:15	PB170730
218-01-9	Chrysene	0.55	U	1	0.55	6.30	ug/L	11/25/25 16:15	PB170730
117-81-7	Bis(2-ethylhexyl)phthalate	2.00	U	1	2.00	6.30	ug/L	11/25/25 16:15	PB170730
117-84-0	Di-n-octyl phthalate	2.90	U	1	2.90	12.5	ug/L	11/25/25 16:15	PB170730
205-99-2	Benzo(b)fluoranthene	0.61	U	1	0.61	6.30	ug/L	11/25/25 16:15	PB170730
207-08-9	Benzo(k)fluoranthene	0.60	U	1	0.60	6.30	ug/L	11/25/25 16:15	PB170730
50-32-8	Benzo(a)pyrene	0.69	U	1	0.69	6.30	ug/L	11/25/25 16:15	PB170730
193-39-5	Indeno(1,2,3-cd)pyrene	0.74	U	1	0.74	6.30	ug/L	11/25/25 16:15	PB170730
53-70-3	Dibenzo(a,h)anthracene	0.84	U	1	0.84	6.30	ug/L	11/25/25 16:15	PB170730
191-24-2	Benzo(g,h,i)perylene	0.86	U	1	0.86	6.30	ug/L	11/25/25 16:15	PB170730

SURROGATES

367-12-4	2-Fluorophenol	52.0	*		60 - 140	52%	SPK: 100
13127-88-3	Phenol-d6	35.9	*		60 - 140	36%	SPK: 100
4165-60-0	Nitrobenzene-d5	106			60 - 140	106%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.1			60 - 140	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	73.8			60 - 140	74%	SPK: 100
1718-51-0	Terphenyl-d14	65.5			60 - 140	65%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	52700
1146-65-2	Naphthalene-d8	151000
15067-26-2	Acenaphthene-d10	98700
1517-22-2	Phenanthrene-d10	159000
1719-03-5	Chrysene-d12	147000
1520-96-3	Perylene-d12	179000

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\BF112525\
Data File : BF144352.D
Acq On : 25 Nov 2025 16:15
Operator : RC/JU
Sample : Q3700-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Nov 25 17:04:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	52716	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	150908	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	98746	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	159320	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	146743	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	179293	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	175163	51.997	ng	0.00
7) Phenol-d6	6.498	99	137006	35.894	ng	0.00
23) Nitrobenzene-d5	7.422	82	277213	106.094	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	91468	73.815	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	508591	76.069	ng	-0.01
79) Terphenyl-d14	12.986	244	605062	65.494	ng	0.00

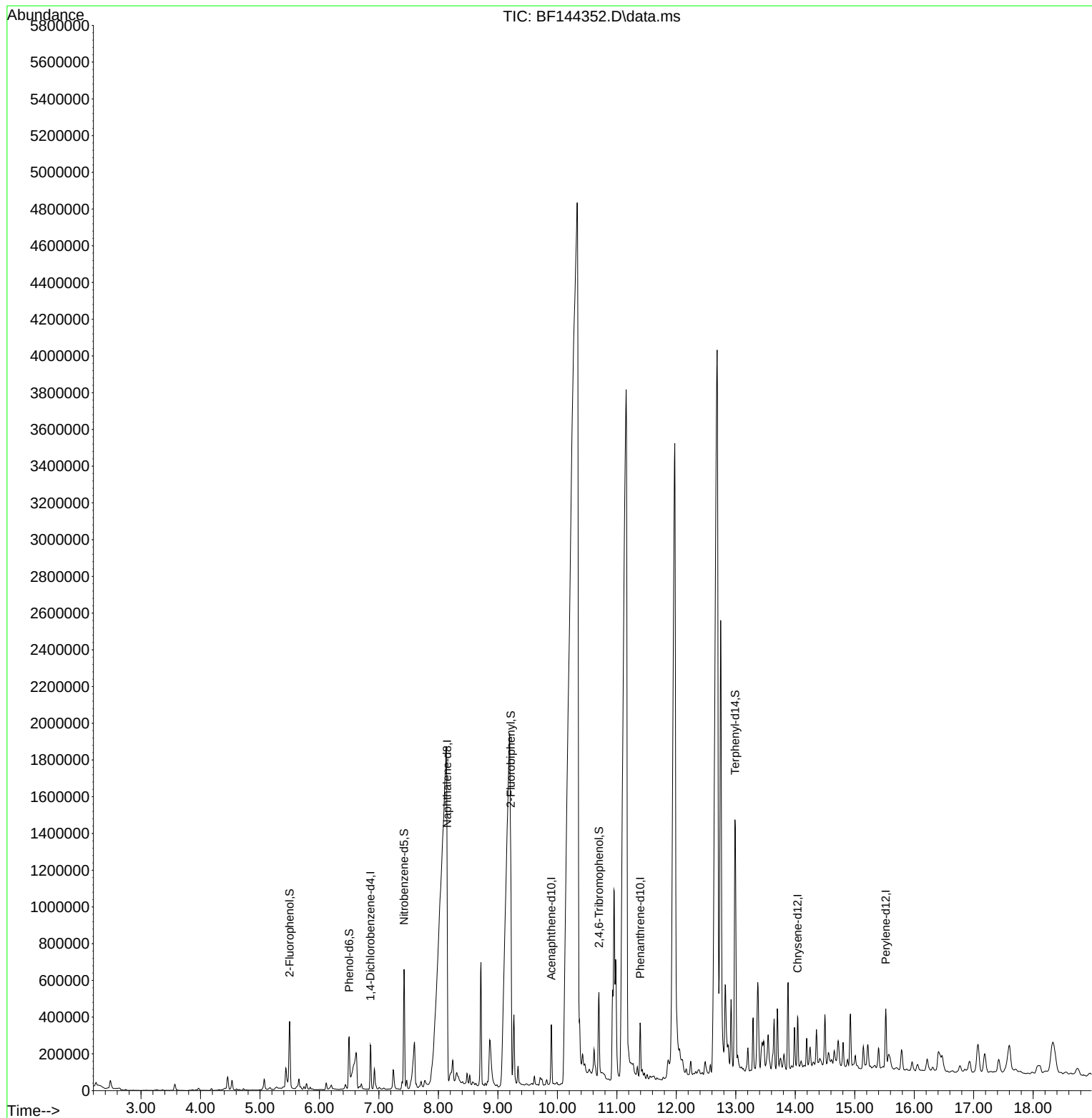
Target Compounds	Qvalue

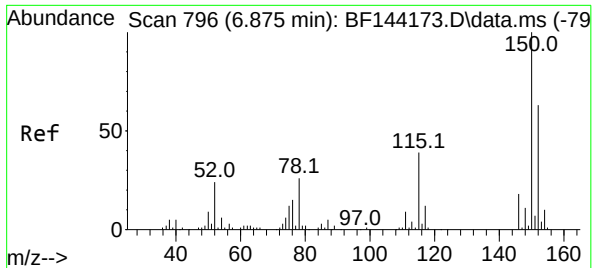
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144352.D
Acq On : 25 Nov 2025 16:15
Operator : RC/JU
Sample : Q3700-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Quant Time: Nov 25 17:04:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

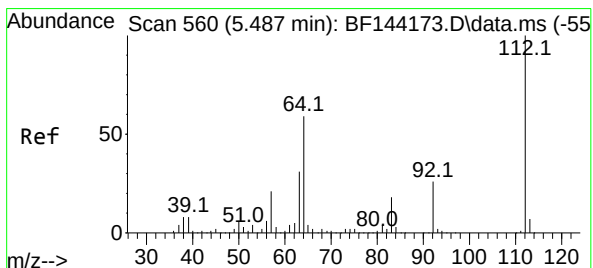
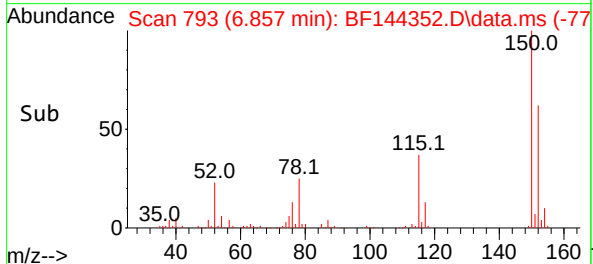
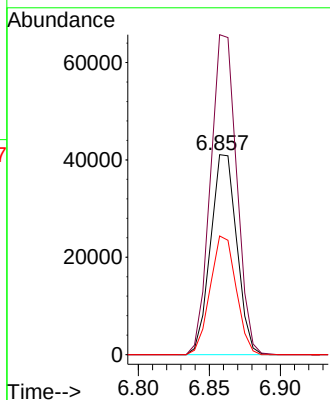
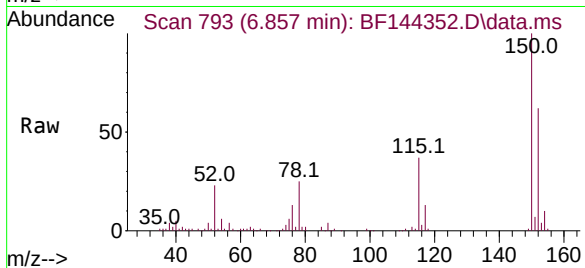




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 796
 Delta R.T. -0.018 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

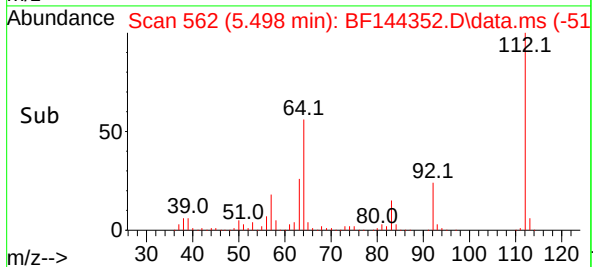
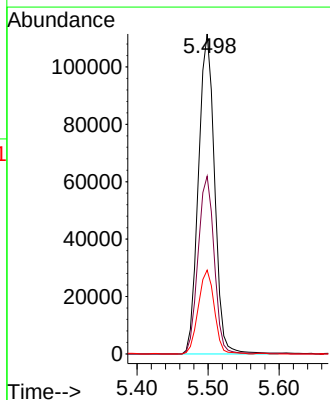
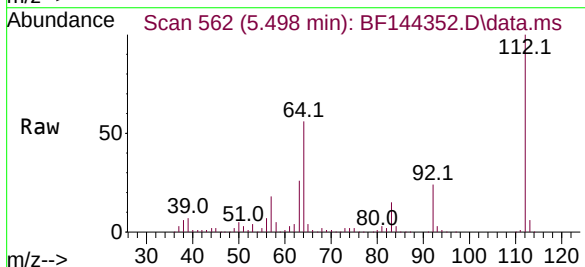
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

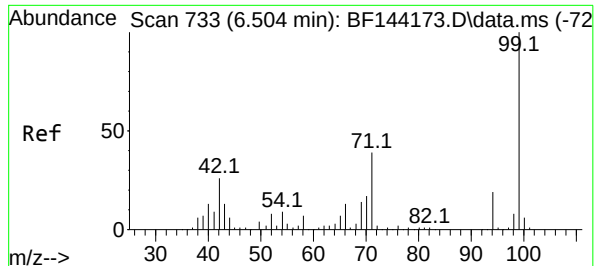
Tgt Ion:152 Resp: 52716
 Ion Ratio Lower Upper
 152 100
 150 160.1 127.4 191.0
 115 59.4 49.5 74.3



#5
 2-Fluorophenol
 Concen: 51.997 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Tgt Ion:112 Resp: 175163
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.2 70.8
 63 26.2 24.4 36.6

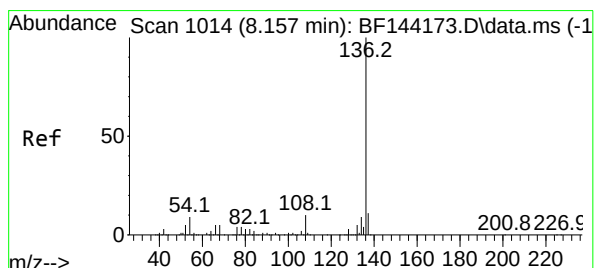
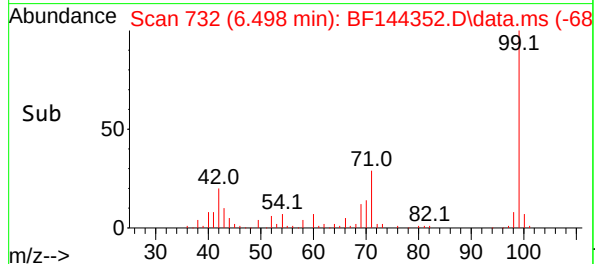
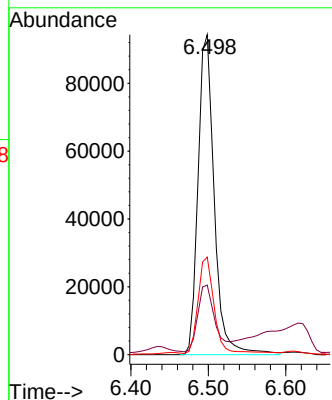
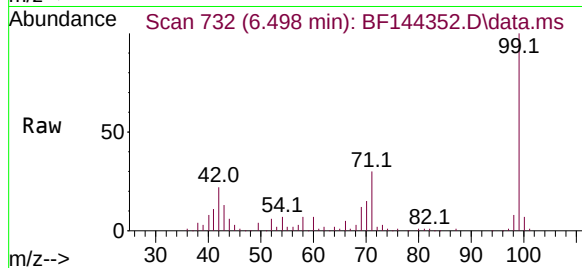




#7
Phenol-d6
Concen: 35.894 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

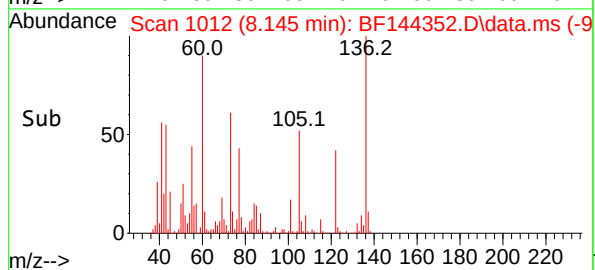
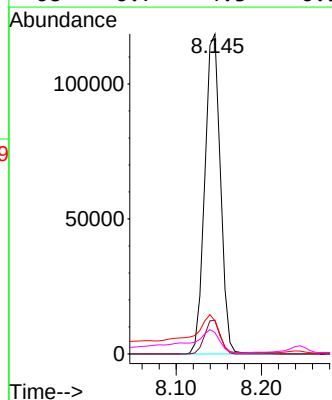
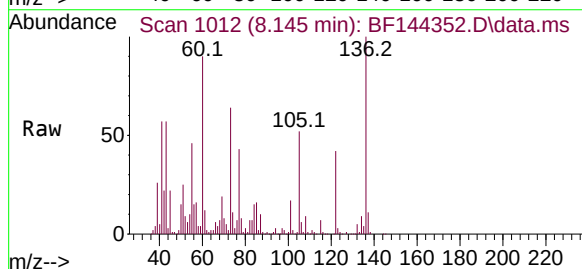
Instrument :
BNA_F
ClientSampleId :
EFF-WW

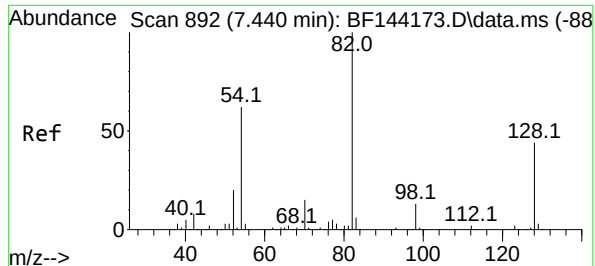
Tgt Ion: 99 Resp: 137006
Ion Ratio Lower Upper
99 100
42 21.7 20.9 31.3
71 30.5 31.4 47.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144352.D
Acq: 25 Nov 2025 16:15

Tgt Ion: 136 Resp: 150908
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.3 7.0 10.6
68 6.7 4.3 6.5#





#23

Nitrobenzene-d5

Concen: 106.094 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144352.D

Acq: 25 Nov 2025 16:15

Instrument :

BNA_F

ClientSampleId :

EFF-WW

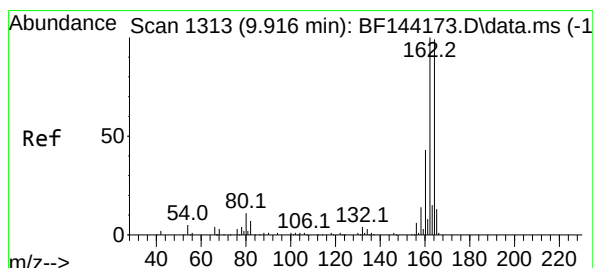
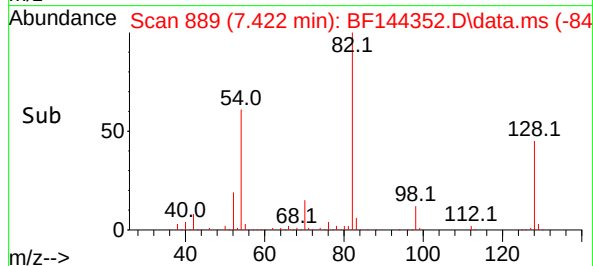
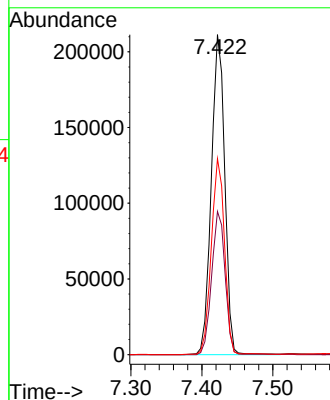
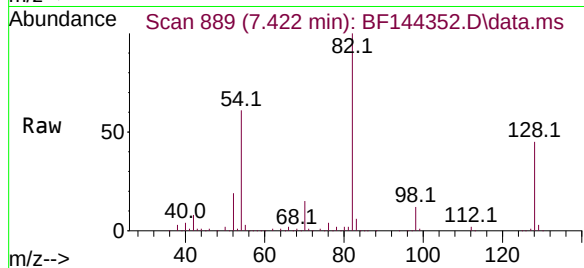
Tgt Ion: 82 Resp: 277213

Ion Ratio Lower Upper

82 100

128 44.7 34.7 52.1

54 61.2 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144352.D

Acq: 25 Nov 2025 16:15

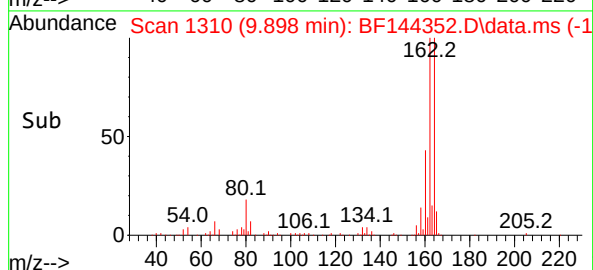
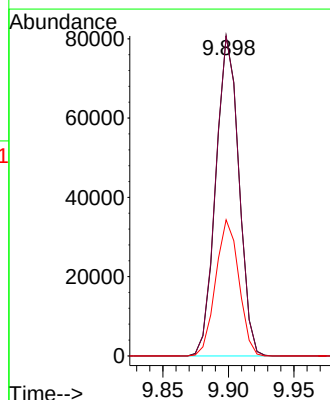
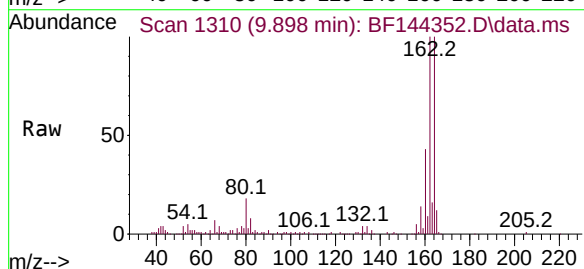
Tgt Ion:164 Resp: 98746

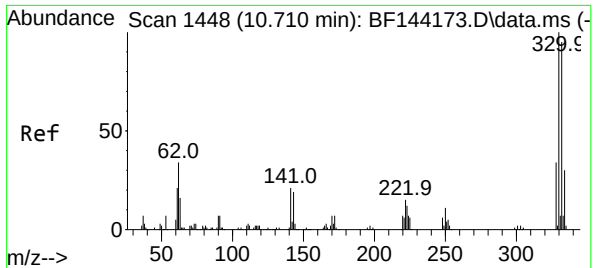
Ion Ratio Lower Upper

164 100

162 99.9 81.1 121.7

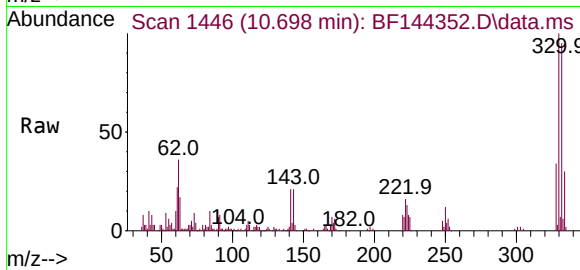
160 42.5 34.5 51.7



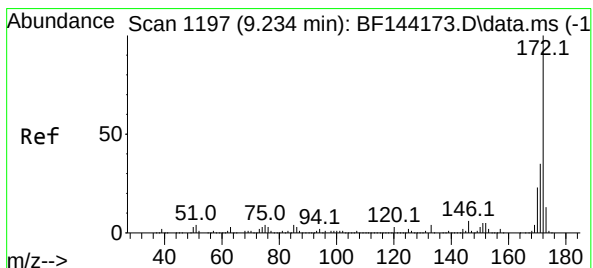
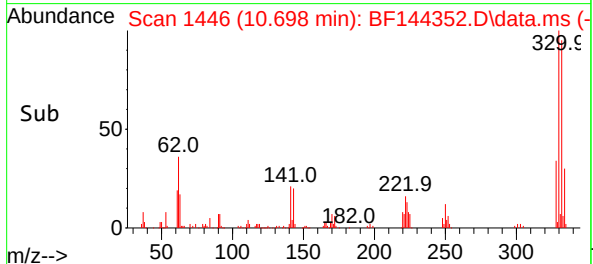
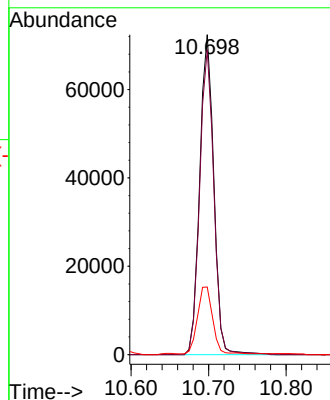


#42
 2,4,6-Tribromophenol
 Concen: 73.815 ng
 RT: 10.698 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

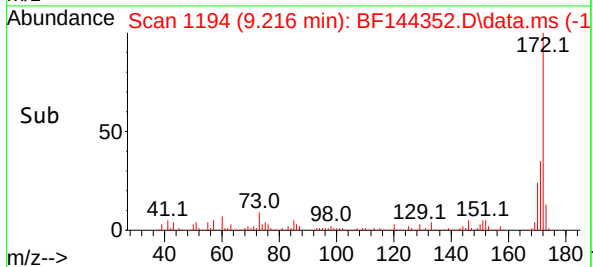
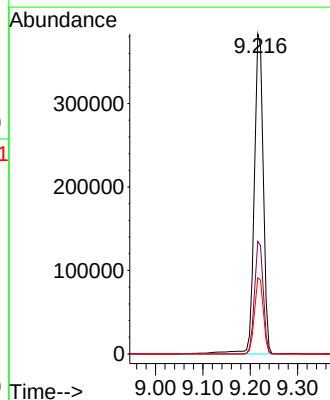
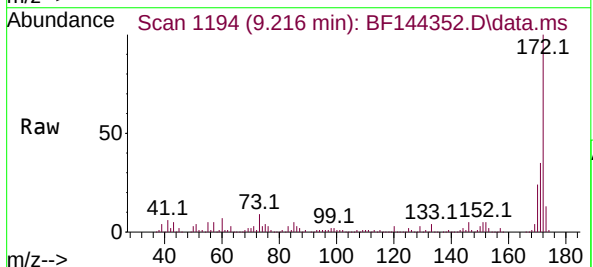


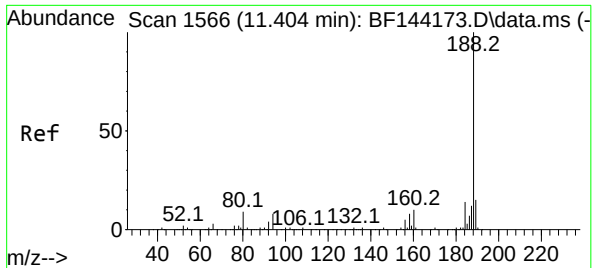
Tgt Ion: 330 Resp: 91468
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.7 115.1
 141 22.2 17.8 26.8



#45
 2-Fluorobiphenyl
 Concen: 76.069 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. -0.012 min
 Lab File: BF144352.D
 Acq: 25 Nov 2025 16:15

Tgt Ion: 172 Resp: 508591
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.1 42.1
 170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144352.D

Acq: 25 Nov 2025 16:15

Instrument :

BNA_F

ClientSampleId :

EFF-WW

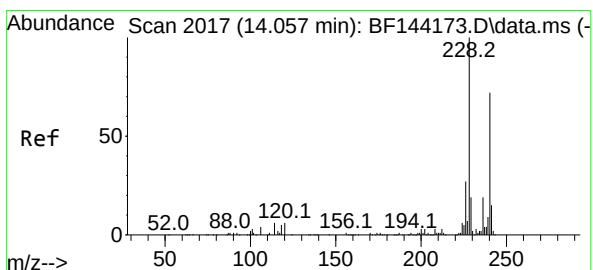
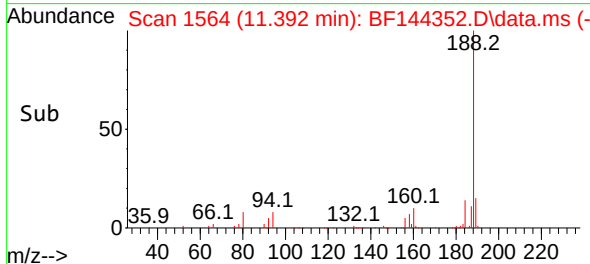
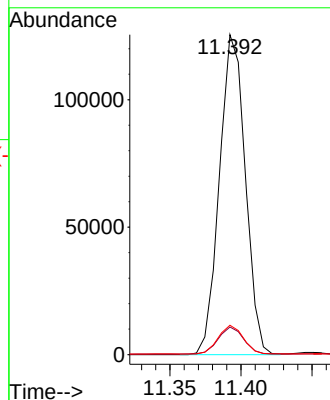
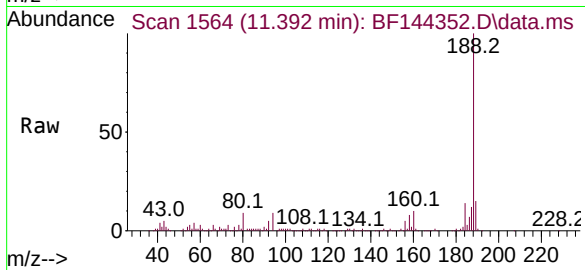
Tgt Ion:188 Resp: 159320

Ion Ratio Lower Upper

188 100

94 8.6 6.2 9.2

80 9.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF144352.D

Acq: 25 Nov 2025 16:15

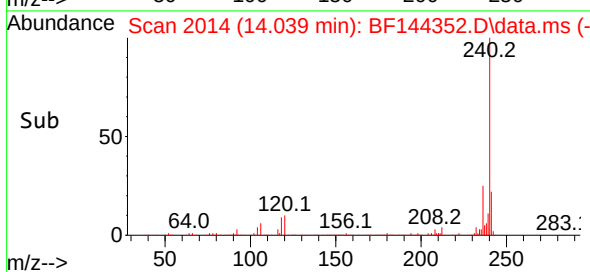
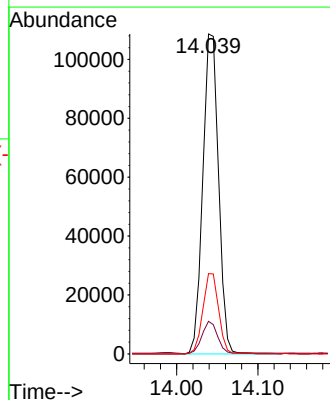
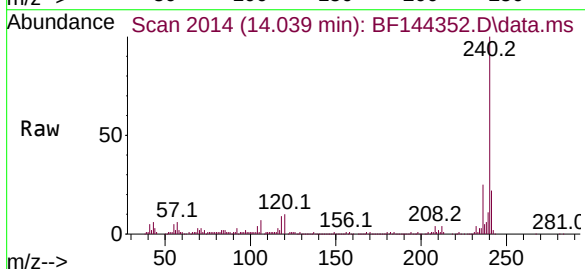
Tgt Ion:240 Resp: 146743

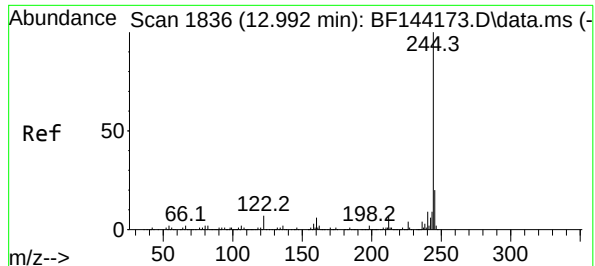
Ion Ratio Lower Upper

240 100

120 10.2 6.6 10.0#

236 25.1 21.4 32.2





#79

Terphenyl-d14

Concen: 65.494 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144352.D

Acq: 25 Nov 2025 16:15

Instrument :

BNA_F

ClientSampleId :

EFF-WW

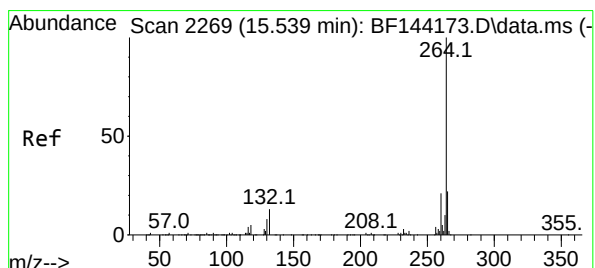
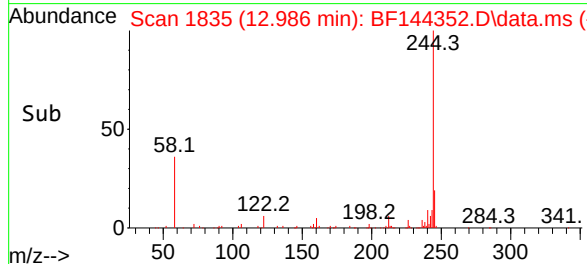
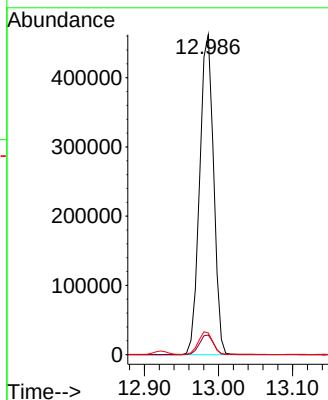
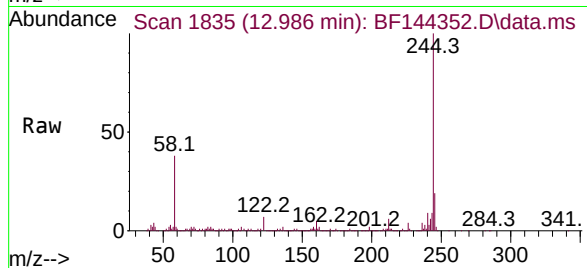
Tgt Ion:244 Resp: 605062

Ion Ratio Lower Upper

244 100

212 6.1 5.3 7.9

122 6.8 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF144352.D

Acq: 25 Nov 2025 16:15

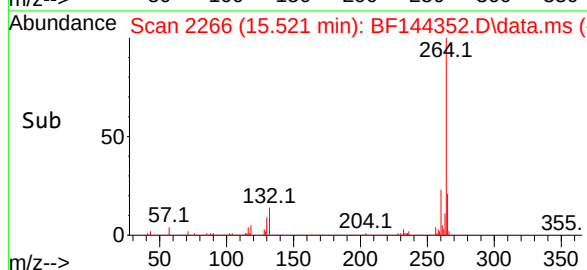
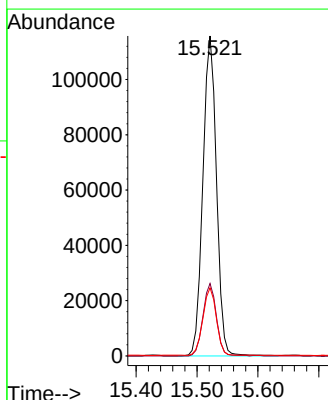
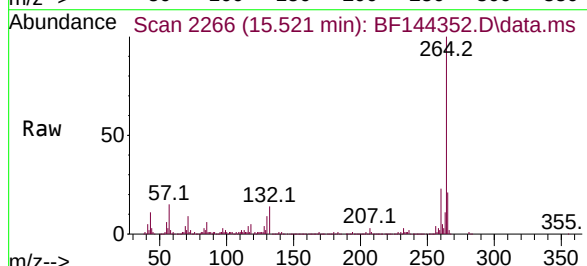
Tgt Ion:264 Resp: 179293

Ion Ratio Lower Upper

264 100

260 22.6 17.1 25.7

265 21.3 17.4 26.0





CALIBRATION SUMMARY



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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ARDM01Lab Code: ACESDG No.: Q3700Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D		RRF005 = BF144170.D		RRF010 = BF144171.D		
		RRF020 = BF144172.D		RRF040 = BF144173.D		RRF050 = BF144174.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine			0.719	0.726	0.775	0.723	0.770	7.8
2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.278	5.6
Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.448	7.1
Phenol		1.845	1.896	1.840	1.858	1.562	1.769	7.6
bis(2-Chloroethyl) ether		1.278	1.333	1.342	1.316	1.155	1.289	5.2
2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.253	4.6
2,2-oxybis(1-Chloropropane)		2.408	2.470	2.496	2.418	2.147	2.374	5.5
n-Nitroso-di-n-propylamine	0.998	1.010	1.023	0.996	0.950	0.813	0.953	7.4
Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.346	4.1
Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.515	4.9
Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.376	4.9
Isophorone		0.659	0.668	0.669	0.673	0.581	0.655	5.1
2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.186	6.5
2,4-Dimethylphenol		0.281	0.278	0.265	0.298	0.260	0.279	5.1
bis(2-Chloroethoxy) methane		0.426	0.417	0.412	0.423	0.372	0.409	5.0
2,4-Dichlorophenol		0.334	0.342	0.330	0.331	0.289	0.322	6.2
1,2,4-Trichlorobenzene		0.350	0.349	0.332	0.337	0.296	0.330	6.0
Naphthalene		1.019	1.008	0.982	0.969	0.850	0.951	6.7
Hexachlorobutadiene		0.256	0.250	0.252	0.259	0.232	0.249	4.0
4-Chloro-3-methylphenol		0.283	0.307	0.304	0.297	0.259	0.288	5.8
Hexachlorocyclopentadiene			0.121	0.142	0.200	0.204	0.195	27.8
2,4,6-Trichlorophenol		0.440	0.449	0.449	0.456	0.409	0.446	5.5
2-Fluorobiphenyl		1.598	1.428	1.361	1.350	1.177	1.354	10.7
2-Chloronaphthalene		1.303	1.216	1.206	1.204	1.068	1.191	7.1
Dimethylphthalate		1.437	1.343	1.359	1.345	1.168	1.325	6.7
Acenaphthylene		1.727	1.686	1.677	1.645	1.440	1.623	6.6
2,6-Dinitrotoluene		0.251	0.271	0.271	0.276	0.252	0.268	5.2
Acenaphthene		1.138	1.162	1.120	1.096	0.956	1.085	6.9
2,4-Dinitrophenol			0.202	0.166	0.140	0.133	0.162	15.0
4-Nitrophenol			0.273	0.202	0.204	0.185	0.212	14.6
2,4-Dinitrotoluene		0.322	0.377	0.372	0.385	0.328	0.359	7.1
Diethylphthalate		1.294	1.273	1.254	1.254	1.075	1.221	6.3
4-Chlorophenyl-phenylether		0.711	0.701	0.678	0.685	0.570	0.658	7.9
Fluorene		1.295	1.223	1.197	1.180	0.997	1.156	8.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: AllianceContract: ARDM01Lab Code: ACESDG No.: Q3700Instrument ID: BNA_FCalibration Date(s): 11/05/2025 11/05/2025Calibration Time(s): 12:50 16:49

LAB FILE ID:		RRF2.5 = BF144169.D			RRF005 = BF144170.D		RRF010 = BF144171.D	
		RRF020 = BF144172.D			RRF040 = BF144173.D		RRF050 = BF144174.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
4,6-Dinitro-2-methylphenol			0.147	0.138	0.130	0.120	0.136	7.0
n-Nitrosodiphenylamine		0.695	0.676	0.635	0.646	0.577	0.643	6.1
Azobenzene		1.157	1.203	1.145	1.164	0.995	1.137	6.3
2,4,6-Tribromophenol		0.242	0.257	0.257	0.265	0.227	0.251	5.3
4-Bromophenyl-phenylether		0.264	0.260	0.255	0.263	0.228	0.255	5.2
Hexachlorobenzene		0.306	0.306	0.305	0.300	0.273	0.301	4.7
Pentachlorophenol			0.135	0.144	0.156	0.137	0.150	8.8
Phenanthrene		1.103	1.042	0.986	1.009	0.892	0.996	6.9
Anthracene		1.120	1.059	1.027	1.022	0.897	1.013	7.4
Di-n-butylphthalate		1.075	1.101	1.077	1.070	0.917	1.041	6.3
Fluoranthene		1.117	1.066	1.053	1.054	0.910	1.029	6.8
Benzidine			0.707	0.519	0.624	0.512	0.592	13.0
Pyrene		1.763	1.745	1.631	1.704	1.372	1.613	8.8
Terphenyl-d14		1.403	1.415	1.274	1.317	1.042	1.259	10.7
Butylbenzylphthalate		0.565	0.590	0.550	0.590	0.499	0.559	5.6
3,3-Dichlorobenzidine			0.453	0.461	0.482	0.441	0.475	6.8
Benzo(a)anthracene		1.455	1.340	1.330	1.430	1.290	1.386	5.4
Chrysene		1.276	1.245	1.279	1.403	1.164	1.280	5.7
Bis(2-ethylhexyl)phthalate		0.773	0.739	0.755	0.816	0.705	0.765	4.9
Di-n-octyl phthalate			1.163	1.272	1.410	1.269	1.320	7.9
Benzo(b)fluoranthene		1.199	1.133	1.114	1.233	1.002	1.137	6.4
Benzo(k)fluoranthene		1.077	1.094	1.083	1.041	0.999	1.064	4.4
Benzo(a)pyrene		1.064	1.050	1.058	1.077	0.963	1.049	4.2
Indeno(1,2,3-cd)pyrene		1.450	1.411	1.447	1.485	1.311	1.436	4.6
Dibenzo(a,h)anthracene		1.155	1.155	1.175	1.198	1.040	1.153	4.8
Benzo(g,h,i)perylene		1.095	1.125	1.153	1.191	1.028	1.139	5.7

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-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Nov 05 18:37:33 2025
 Response Via : Initial Calibration

Calibration Files

2.5 =BF144169.D 5 =BF144170.D 10 =BF144171.D 20 =BF144172.D 40 =BF144173.D 50 =BF144174.D 60 =BF144175.D 80 =BF144176.D

	Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane		0.526	0.487	0.518	0.554	0.500	0.573	0.540	0.528	5.68
3)	Pyridine		1.374	1.406	1.491	1.520	1.378	1.607	1.543	1.474	6.12
4)	n-Nitrosodimet...			0.719	0.726	0.775	0.723	0.868	0.810	0.770	7.79
5) S	2-Fluorophenol		1.332	1.303	1.316	1.315	1.157	1.330	1.193	1.278	5.62
6)	Aniline		2.194	2.169	2.114	2.067	1.841	2.139	1.920	2.063	6.46
7) S	Phenol-d6		1.566	1.518	1.511	1.460	1.281	1.461	1.339	1.448	7.08
8)	2-Chlorophenol		1.242	1.309	1.292	1.281	1.152	1.293	1.204	1.253	4.59
9)	Benzaldehyde			1.033	0.917	0.816	0.672	0.786	0.683	0.818	16.99
10) C	Phenol		1.845	1.896	1.840	1.858	1.562	1.790	1.594	1.769	7.60
11)	bis(2-Chloroet...		1.278	1.333	1.342	1.316	1.155	1.341	1.259	1.289	5.22
12)	1,3-Dichlorobe...		1.677	1.573	1.583	1.541	1.397	1.586	1.468	1.547	5.86
13) C	1,4-Dichlorobe...		1.669	1.563	1.583	1.591	1.372	1.604	1.464	1.549	6.40
14)	1,2-Dichlorobe...		1.651	1.510	1.488	1.485	1.325	1.533	1.404	1.485	6.88
15)	Benzyl Alcohol			1.140	1.188	1.161	1.050	1.197	1.145	1.147	4.61
16)	2,2'-oxybis(1-...		2.408	2.470	2.496	2.418	2.147	2.442	2.238	2.374	5.50
17)	2-Methylphenol		1.031	1.054	1.007	1.033	0.895	1.002	0.958	0.997	5.44
18)	Hexachloroethane		0.512	0.513	0.532	0.532	0.467	0.543	0.504	0.515	4.90
19) P	n-Nitroso-di-n...	0.998	1.010	1.023	0.996	0.950	0.813	0.937	0.900	0.953	7.38
20)	3+4-Methylphenols			1.330	1.223	1.215	1.030	1.175	1.080	1.175	9.16
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone		0.479	0.464	0.434	0.434	0.380	0.421	0.391	0.429	8.34
23) S	Nitrobenzene-d5		0.343	0.352	0.349	0.360	0.321	0.361	0.338	0.346	4.07
24)	Nitrobenzene		0.370	0.390	0.376	0.388	0.342	0.398	0.368	0.376	4.90
25)	Isophorone		0.659	0.668	0.669	0.673	0.581	0.675	0.659	0.655	5.05
26) C	2-Nitrophenol		0.167	0.187	0.191	0.197	0.174	0.200	0.186	0.186	6.47
27)	2,4-Dimethylph...		0.281	0.278	0.265	0.298	0.260	0.295	0.275	0.279	5.08
28)	bis(2-Chloroet...		0.426	0.417	0.412	0.423	0.372	0.423	0.390	0.409	5.02
29) C	2,4-Dichloroph...		0.334	0.342	0.330	0.331	0.289	0.326	0.297	0.322	6.20
30)	1,2,4-Trichlor...		0.350	0.349	0.332	0.337	0.296	0.335	0.312	0.330	5.96
31)	Naphthalene		1.019	1.008	0.982	0.969	0.850	0.952	0.880	0.951	6.71
32)	Benzoic acid			0.268	0.220	0.180	0.165	0.190	0.204	0.204	17.90
33)	4-Chloroaniline		0.358	0.364	0.355	0.362	0.309	0.355	0.326	0.347	6.07
34) C	Hexachlorobuta...		0.256	0.250	0.252	0.259	0.232	0.254	0.238	0.249	4.03
35)	Caprolactam			0.094	0.093	0.092	0.075	0.087	0.088	0.088	8.10
36) C	4-Chloro-3-met...		0.283	0.307	0.304	0.297	0.259	0.290	0.277	0.288	5.77
37)	2-Methylnaphth...		0.702	0.672	0.665	0.647	0.559	0.623	0.583	0.636	7.98
38)	1-Methylnaphth...		0.667	0.681	0.632	0.620	0.536	0.600	0.561	0.614	8.61

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
 Method File : 8270-BF110525.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.677	0.662	0.659	0.675	0.588	0.716	0.611	0.655	6.57
41) P	Hexachlorocycl...	0.121	0.142	0.200	0.200	0.253	0.248	0.195		27.78
42) S	2,4,6-Tribromo...	0.242	0.257	0.257	0.265	0.227	0.261	0.249	0.251	5.27
43) C	2,4,6-Trichlor...	0.440	0.449	0.449	0.456	0.409	0.489	0.431	0.446	5.49
44)	2,4,5-Trichlor...	0.497	0.489	0.497	0.489	0.438	0.502	0.456	0.481	5.05
45) S	2-Fluorobiphenyl	1.598	1.428	1.361	1.350	1.177	1.381	1.183	1.354	10.72
46)	1,1'-Biphenyl	1.535	1.446	1.425	1.408	1.239	1.450	1.270	1.396	7.52
47)	2-Chloronaphth...	1.303	1.216	1.206	1.204	1.068	1.252	1.087	1.191	7.12
48)	2-Nitroaniline	0.302	0.347	0.349	0.361	0.326	0.374	0.345	0.344	6.84
49)	Acenaphthylene	1.727	1.686	1.677	1.645	1.440	1.678	1.506	1.623	6.57
50)	Dimethylphthalate	1.437	1.343	1.359	1.345	1.168	1.375	1.247	1.325	6.71
51)	2,6-Dinitrotol...	0.251	0.271	0.271	0.276	0.252	0.290	0.266	0.268	5.16
52) C	Acenaphthene	1.138	1.162	1.120	1.096	0.956	1.117	1.007	1.085	6.90
53)	3-Nitroaniline	0.271	0.301	0.302	0.315	0.264	0.316	0.283	0.293	7.07
54) P	2,4-Dinitrophenol	0.202	0.166	0.140	0.133	0.168	0.164	0.162		14.99
55)	Dibenzofuran	1.644	1.600	1.586	1.551	1.337	1.562	1.359	1.520	7.99
56) P	4-Nitrophenol	0.273	0.202	0.204	0.185	0.211	0.198	0.212		14.64
57)	2,4-Dinitrotol...	0.322	0.377	0.372	0.385	0.328	0.377	0.353	0.359	7.07
58)	Fluorene	1.295	1.223	1.197	1.180	0.997	1.149	1.048	1.156	8.88
59)	2,3,4,6-Tetrac...	0.308	0.347	0.336	0.358	0.316	0.372	0.345	0.340	6.58
60)	Diethylphthalate	1.294	1.273	1.254	1.254	1.075	1.237	1.163	1.221	6.27
61)	4-Chlorophenyl...	0.711	0.701	0.678	0.685	0.570	0.659	0.605	0.658	7.92
62)	4-Nitroaniline	0.273	0.290	0.293	0.288	0.254	0.288	0.268	0.279	5.10
63)	Azobenzene	1.157	1.203	1.145	1.164	0.995	1.197	1.096	1.137	6.33
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.147	0.138	0.130	0.120	0.142	0.138	0.136		6.99
66) c	n-Nitrosodiphe...	0.695	0.676	0.635	0.646	0.577	0.660	0.614	0.643	6.12
67)	4-Bromophenyl-...	0.264	0.260	0.255	0.263	0.228	0.266	0.252	0.255	5.18
68)	Hexachlorobenzene	0.306	0.306	0.305	0.300	0.273	0.319	0.296	0.301	4.74
69)	Atrazine	0.215	0.211	0.215	0.206	0.180	0.210	0.196	0.205	6.26
70) C	Pentachlorophenol	0.135	0.144	0.156	0.137	0.162	0.165	0.150		8.76
71)	Phenanthrene	1.103	1.042	0.986	1.009	0.892	1.003	0.937	0.996	6.87
72)	Anthracene	1.120	1.059	1.027	1.022	0.897	1.027	0.936	1.013	7.37
73)	Carbazole	0.938	0.917	0.882	0.878	0.762	0.854	0.794	0.861	7.36
74)	Di-n-butylphth...	1.075	1.101	1.077	1.070	0.917	1.059	0.986	1.041	6.27
75) C	Fluoranthene	1.117	1.066	1.053	1.054	0.910	1.043	0.958	1.029	6.84
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.707	0.519	0.624	0.512	0.635	0.553	0.592		12.98
78)	Pyrene	1.763	1.745	1.631	1.704	1.372	1.569	1.504	1.613	8.79
79) S	Terphenyl-d14	1.403	1.415	1.274	1.317	1.042	1.208	1.155	1.259	10.71
80)	Butylbenzylpht...	0.565	0.590	0.550	0.590	0.499	0.570	0.549	0.559	5.60
81)	Benzo(a)anthra...	1.455	1.340	1.330	1.430	1.290	1.493	1.366	1.386	5.37
82)	3,3'-Dichlorob...	0.453	0.461	0.482	0.441	0.532	0.481	0.475		6.77
83)	Chrysene	1.276	1.245	1.279	1.403	1.164	1.326	1.263	1.280	5.72
84)	Bis(2-ethylhex...	0.773	0.739	0.755	0.816	0.705	0.803	0.764	0.765	4.92
85) c	Di-n-octyl pht...	1.163	1.272	1.410	1.269	1.442	1.364	1.320		7.91

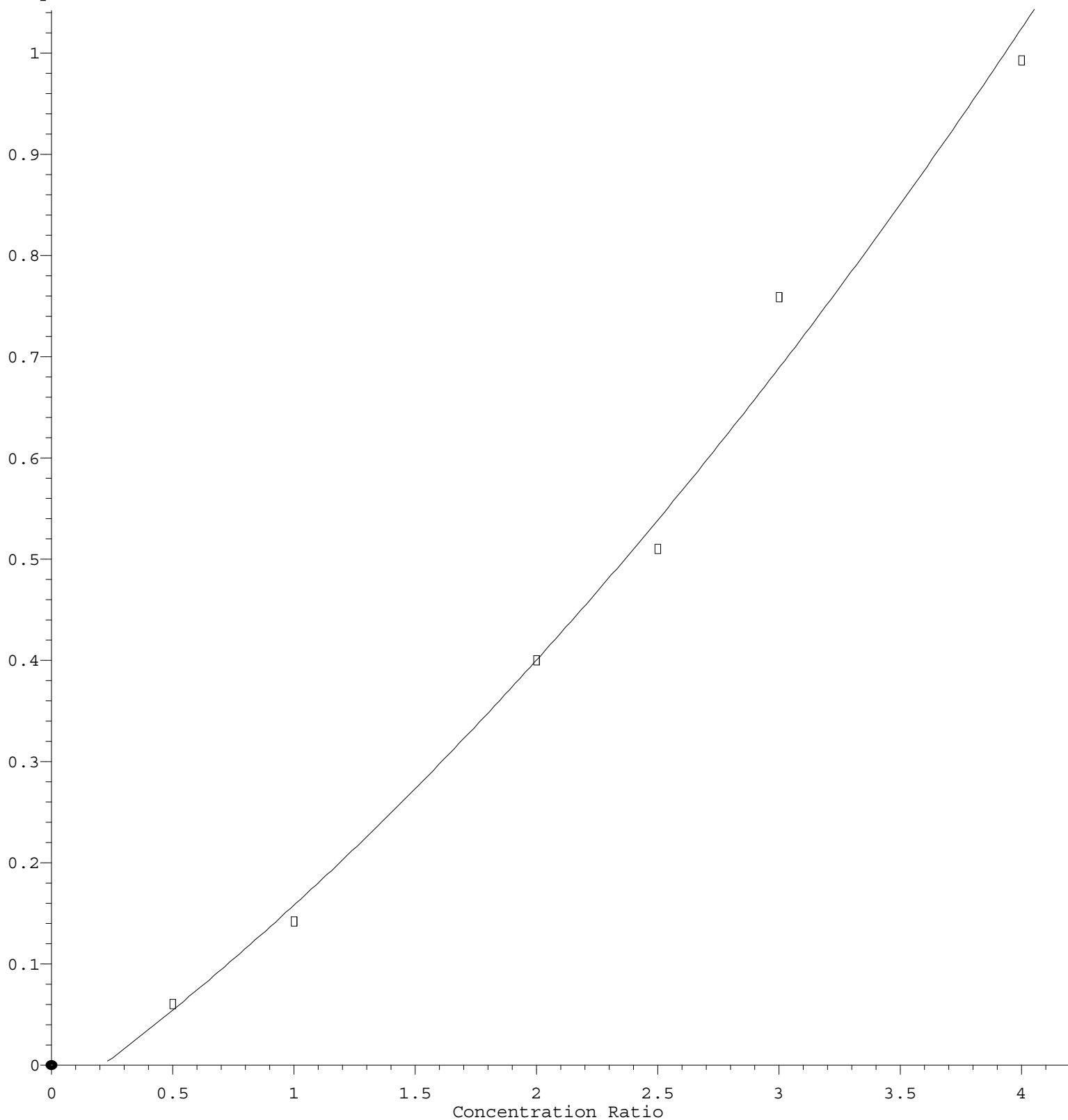
Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF110525.M

86) I	Perylene-d12	-----ISTD-----	
87)	Indeno(1,2,3-c...	1.450 1.411 1.447 1.485 1.311 1.521 1.425 1.436	4.62
88)	Benzo(b)fluora...	1.199 1.133 1.114 1.233 1.002 1.134 1.143 1.137	6.40
89)	Benzo(k)fluora...	1.077 1.094 1.083 1.041 0.999 1.134 1.021 1.064	4.36
90) C	Benzo(a)pyrene	1.064 1.050 1.058 1.077 0.963 1.103 1.029 1.049	4.23
91)	Dibenzo(a,h)an...	1.155 1.155 1.175 1.198 1.040 1.209 1.138 1.153	4.85
92)	Benzo(g,h,i)pe...	1.095 1.125 1.153 1.191 1.028 1.228 1.150 1.139	5.70

(#) = Out of Range

Hexachlorocyclopentadiene

Response Ratio



$$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$$

Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)

Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M

Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144169.D
 Acq On : 05 Nov 2025 12:50
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Nov 05 17:42:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

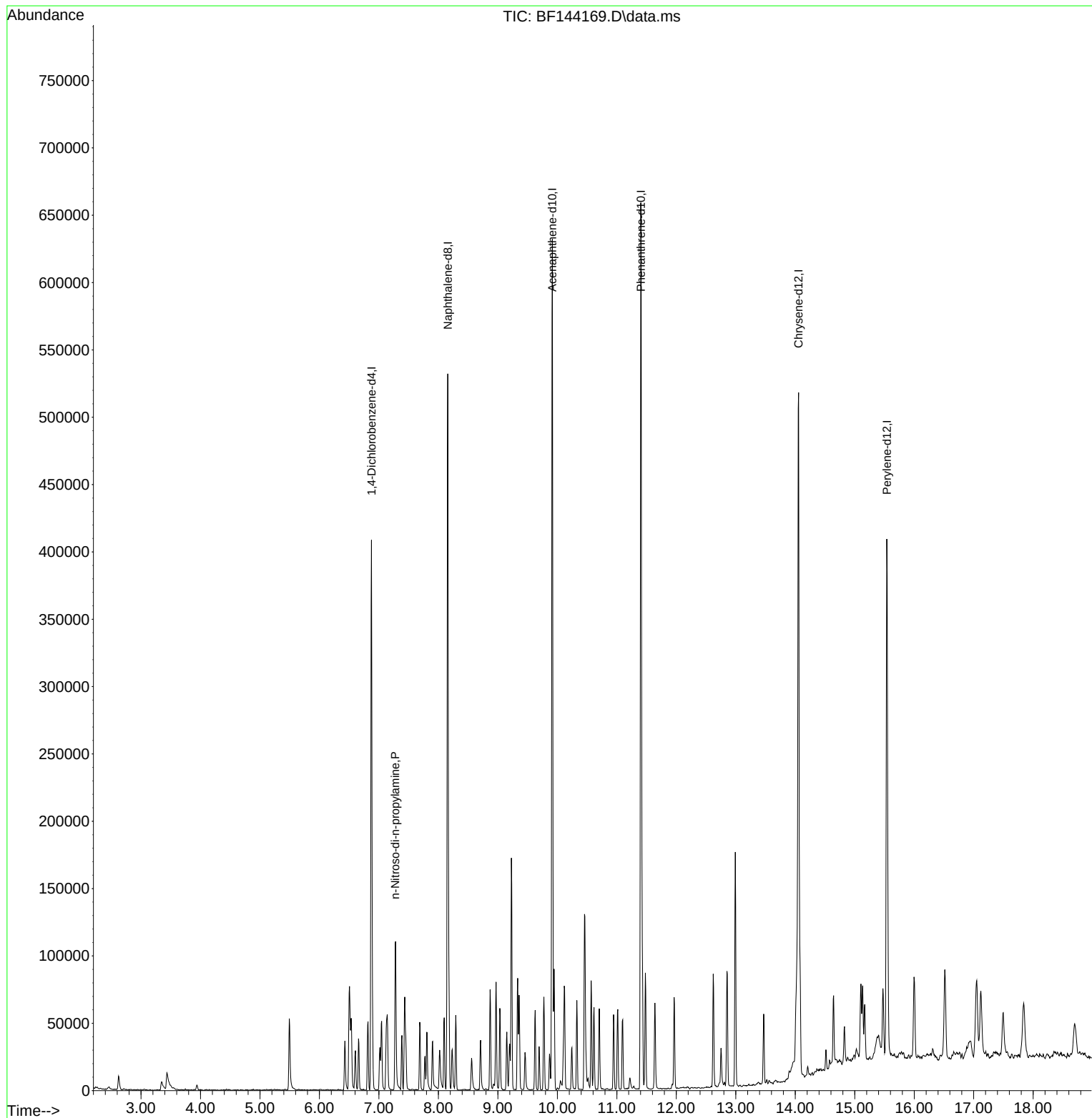
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85230	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	335743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195513	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	365872	20.000	ng	0.00
76) Chrysene-d12	14.057	240	241412	20.000	ng	0.00
86) Perylene-d12	15.539	264	241479	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...	7.275	70	10629	2.616	ng	# 98

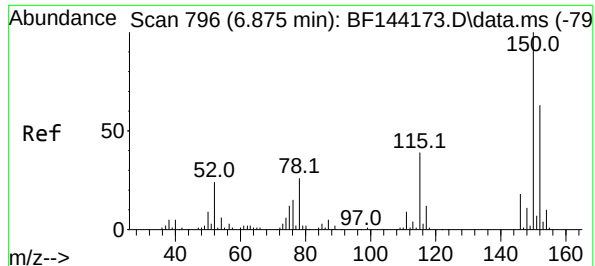
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144169.D
Acq On : 05 Nov 2025 12:50
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

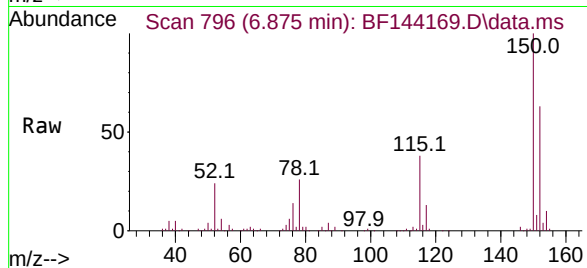
Quant Time: Nov 05 17:42:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



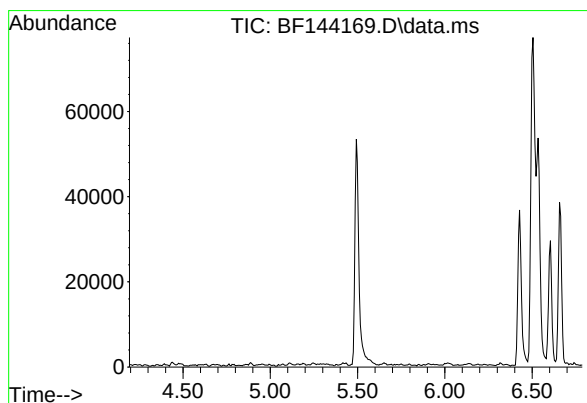
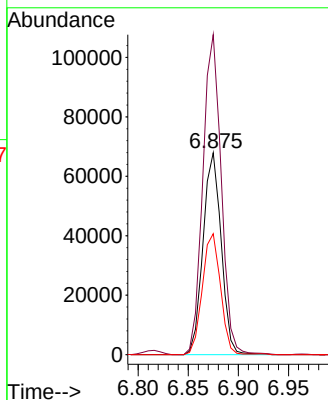
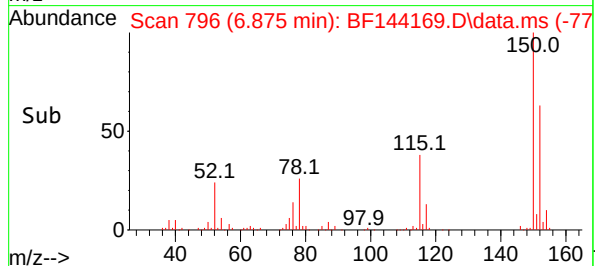


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



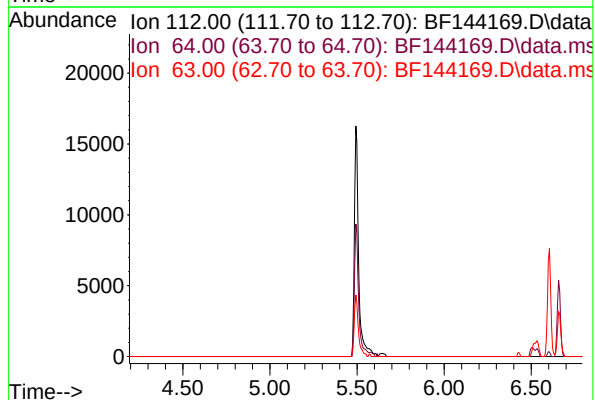
Tgt Ion:152 Resp: 85230
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 59.9 49.5 74.3

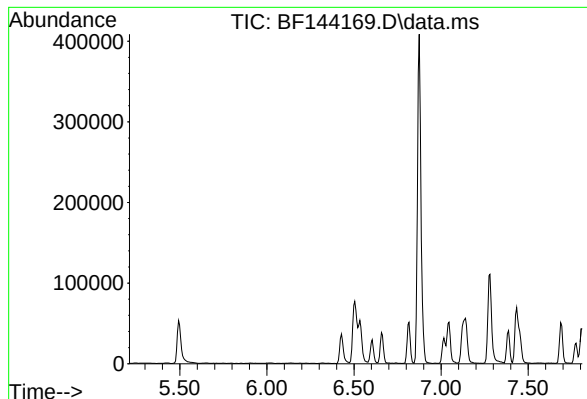


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.49 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.0
63 30.5

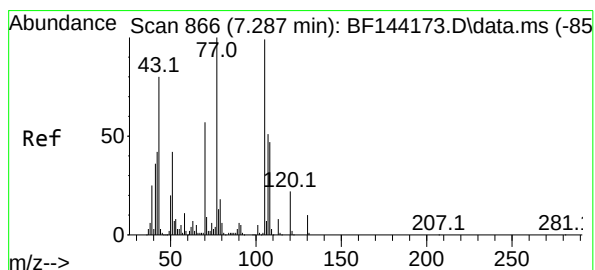
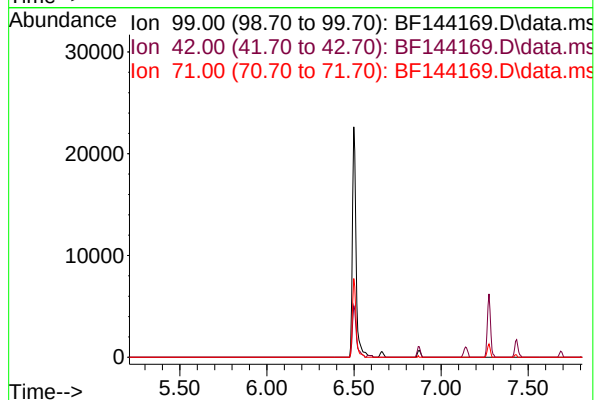




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.51 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

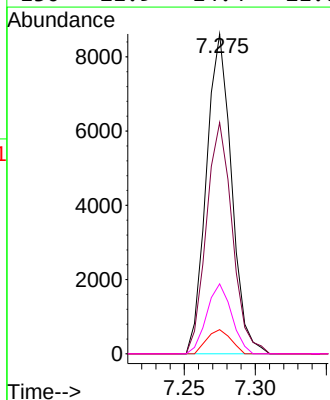
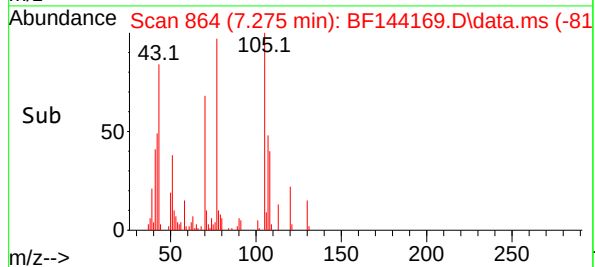
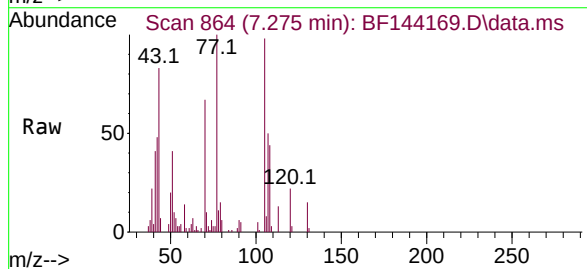
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

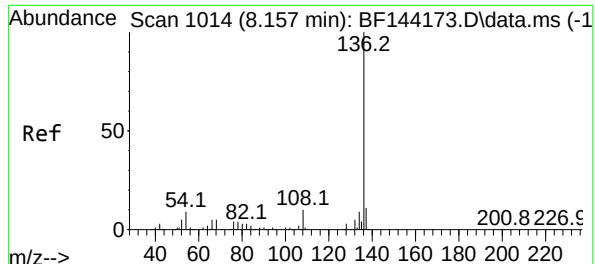
Tgt Ion: 99
Sig Exp Ratio
99 100
42 26.1
71 39.3



#19
n-Nitroso-di-n-propylamine
Concen: 2.616 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 70 Resp: 10629
Ion Ratio Lower Upper
70 100
42 72.3 58.3 87.5
101 7.6 7.0 10.6
130 21.9 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144169.D

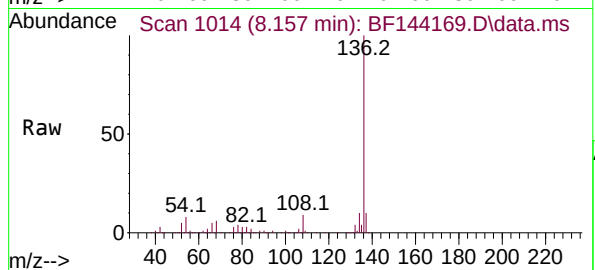
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:136 Resp: 335743

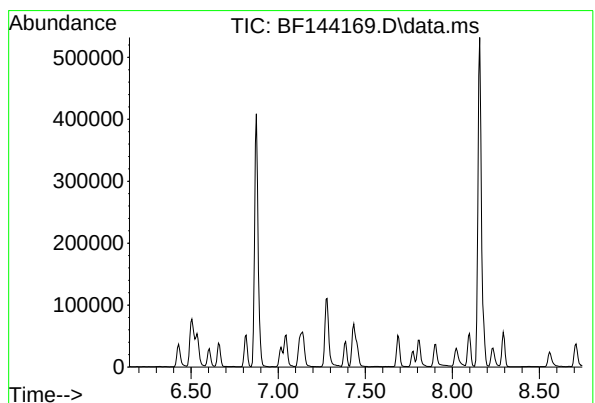
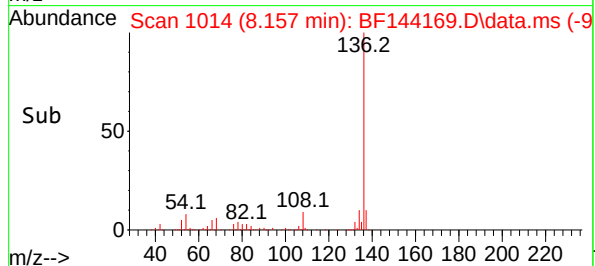
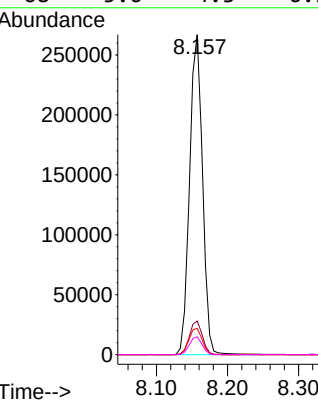
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.2 7.0 10.6

68 5.6 4.3 6.5



#23

Nitrobenzene-d5

Concen: 0.000 ng

Expected RT: 7.45 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

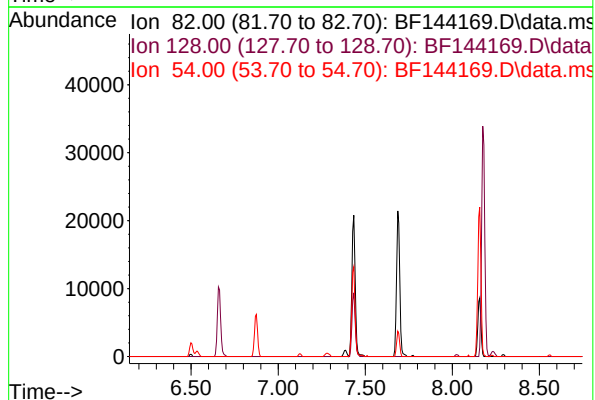
Tgt Ion: 82

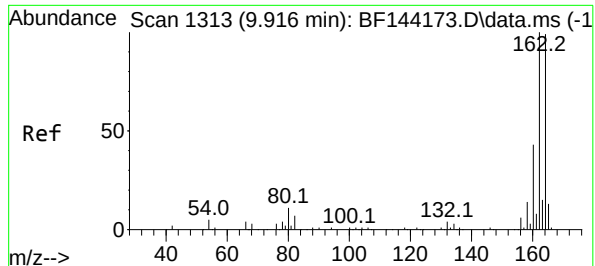
Sig Exp Ratio

82 100

128 43.4

54 61.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144169.D

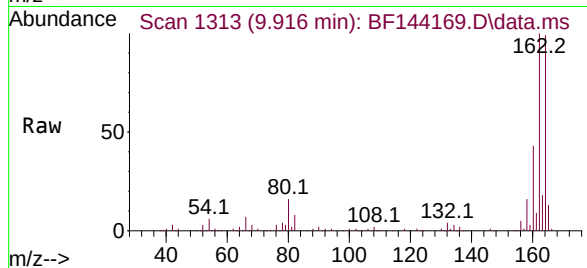
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



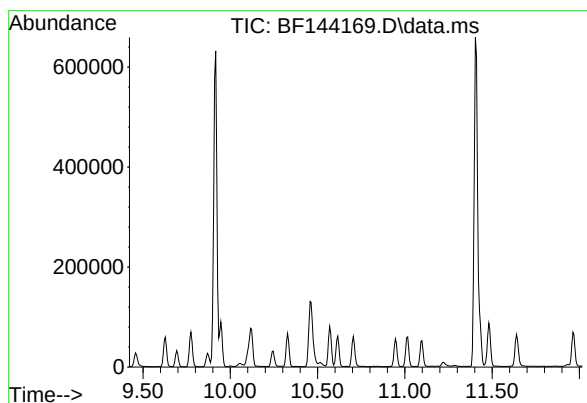
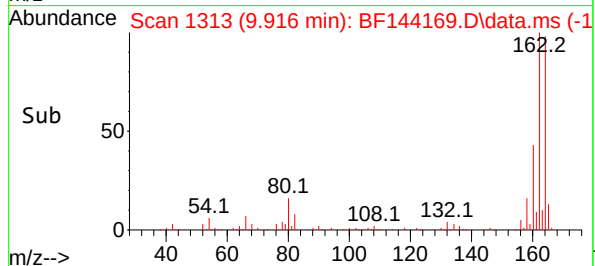
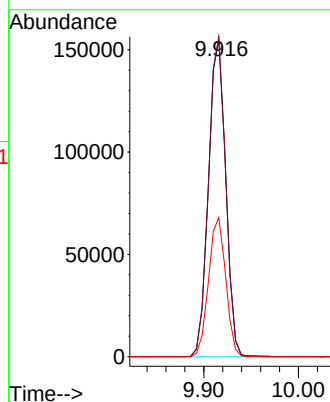
Tgt Ion:164 Resp: 195513

Ion Ratio Lower Upper

164 100

162 100.8 81.1 121.7

160 43.9 34.5 51.7



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.72 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

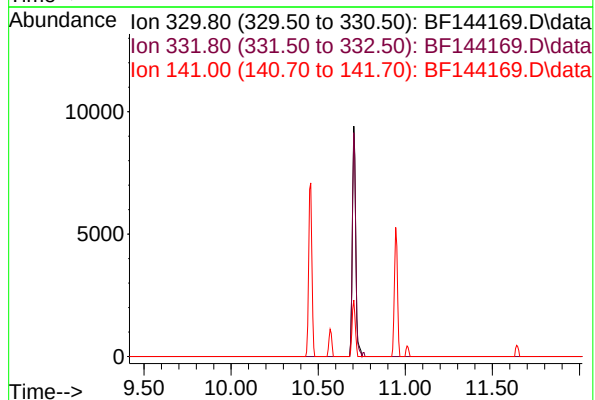
Tgt Ion: 330

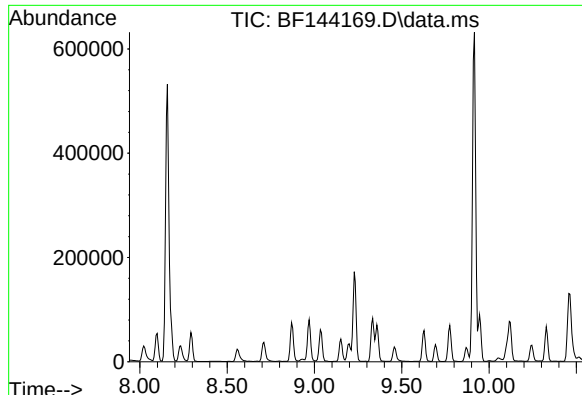
Sig Exp Ratio

330 100

332 95.9

141 22.3





#45

2-Fluorobiphenyl

Concen: 0.000 ng

Expected RT: 9.24 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

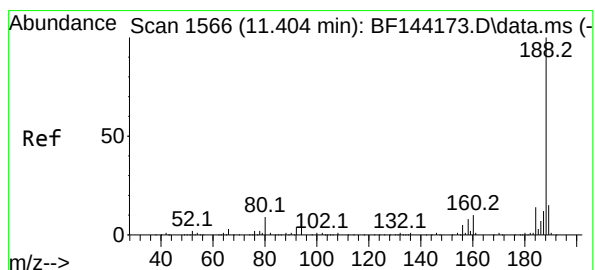
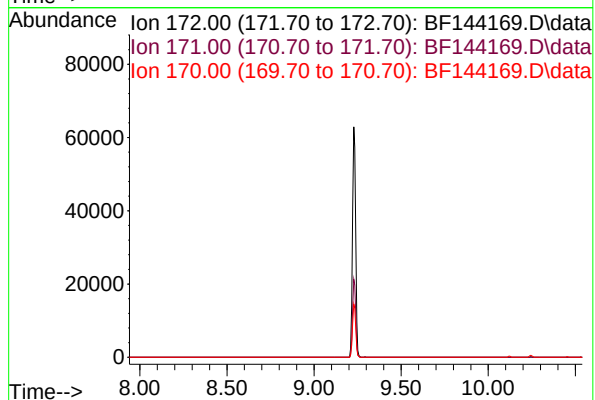
Tgt Ion: 172

Sig Exp Ratio

172 100

171 35.1

170 23.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF144169.D

Acq: 05 Nov 2025 12:50

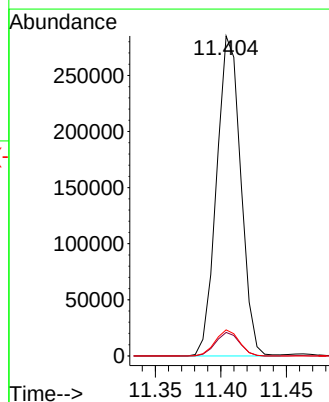
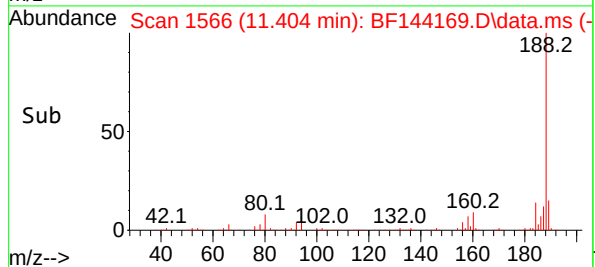
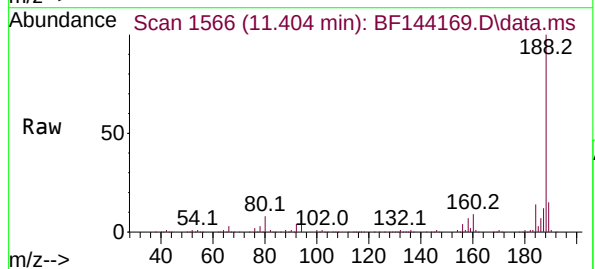
Tgt Ion:188 Resp: 365872

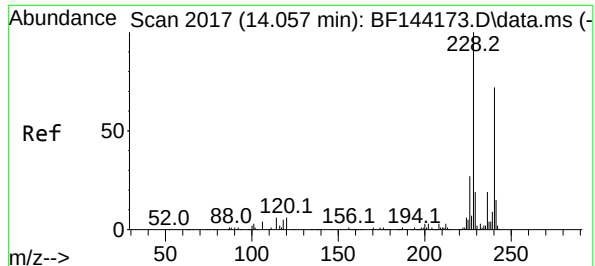
Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.2

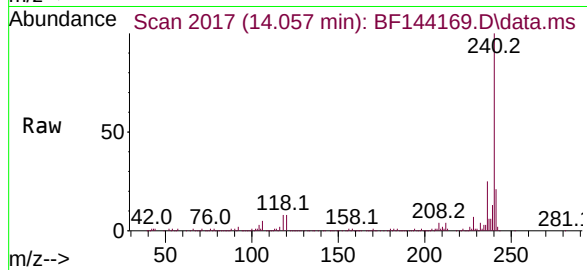
80 8.2 6.9 10.3



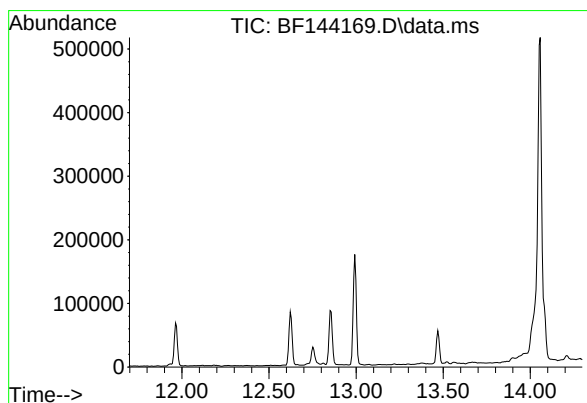
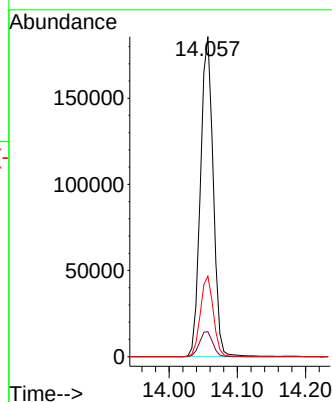
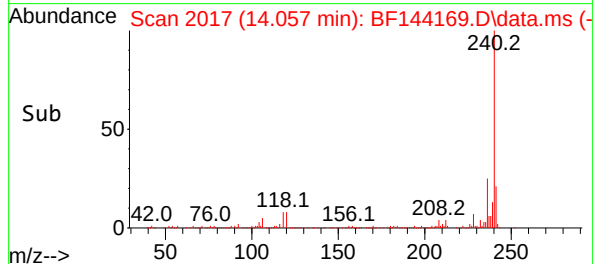


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5



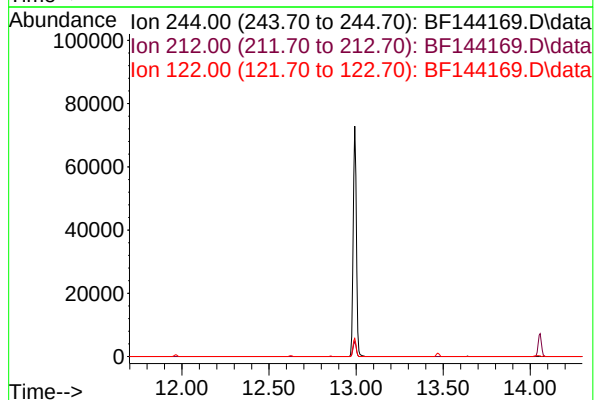
Tgt Ion:240 Resp: 241412
Ion Ratio Lower Upper
240 100
120 7.8 6.6 10.0
236 25.1 21.4 32.2

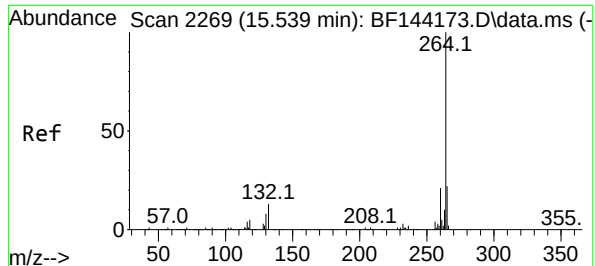


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 13.00 min

Lab File: BF144169.D
Acq: 05 Nov 2025 12:50

Tgt Ion: 244
Sig Exp Ratio
244 100
212 6.6
122 7.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144169.D

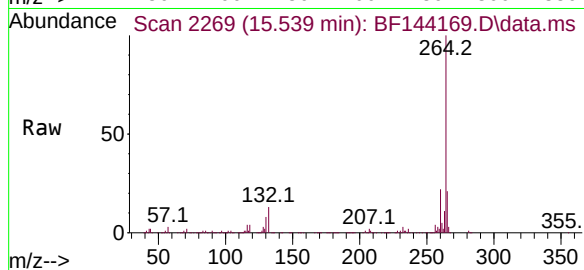
Acq: 05 Nov 2025 12:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



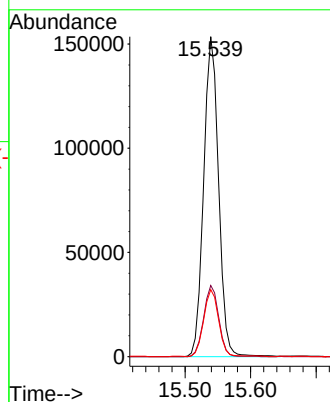
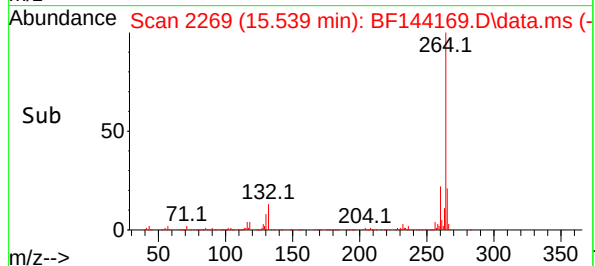
Tgt Ion:264 Resp: 241479

Ion Ratio Lower Upper

264 100

260 22.2 17.1 25.7

265 20.9 17.4 26.0



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	85379	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	330889	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	188001	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	326565	20.000	ng	0.00
76) Chrysene-d12	14.051	240	215706	20.000	ng	-0.01
86) Perylene-d12	15.539	264	241361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	56869	10.423	ng	0.00
7) Phenol-d6	6.498	99	66870	10.817	ng	-0.01
23) Nitrobenzene-d5	7.434	82	56744	9.904	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	22758	9.647	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	150248	11.803	ng	-0.01
79) Terphenyl-d14	12.992	244	151347	11.145	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	11227	4.977	ng	98
3) Pyridine	3.410	79	29321	4.659	ng	98
6) Aniline	6.534	93	46833	5.317	ng	97
8) 2-Chlorophenol	6.657	128	26502	4.953	ng	98
10) Phenol	6.510	94	39383	5.214	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	27288	4.958	ng	99
12) 1,3-Dichlorobenzene	6.816	146	35799	5.422	ng	97
13) 1,4-Dichlorobenzene	6.893	146	35623	5.385	ng	99
14) 1,2-Dichlorobenzene	7.046	146	35243	5.559	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	51408	5.072	ng	92
17) 2-Methylphenol	7.122	107	21999	5.168	ng	94
18) Hexachloroethane	7.387	117	10929	4.973	ng	92
19) n-Nitroso-di-n-propyla...	7.275	70	21555	5.296	ng	99
22) Acetophenone	7.281	105	39609	5.580	ng	97
24) Nitrobenzene	7.451	77	30574	4.915	ng	98
25) Isophorone	7.687	82	54487	5.028	ng	97
26) 2-Nitrophenol	7.775	139	13789	4.478	ng	97
27) 2,4-Dimethylphenol	7.804	122	23283	5.045	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	35235	5.207	ng	97
29) 2,4-Dichlorophenol	8.016	162	27603	5.189	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	28937	5.298	ng	91
31) Naphthalene	8.175	128	84320	5.357	ng	100
33) 4-Chloroaniline	8.228	127	29602	5.157	ng	99
34) Hexachlorobutadiene	8.292	225	21207	5.152	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	23428	4.914	ng	95
37) 2-Methylnaphthalene	8.869	142	58087	5.520	ng	99
38) 1-Methylnaphthalene	8.969	142	55152	5.431	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	31823	5.165	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	20685	4.933	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	23346	5.165	ng	99
46) 1,1'-Biphenyl	9.334	154	72127	5.496	ng	98
47) 2-Chloronaphthalene	9.357	162	61232	5.470	ng	98
48) 2-Nitroaniline	9.457	65	14208	4.399	ng	90
49) Acenaphthylene	9.775	152	81168	5.321	ng	100
50) Dimethylphthalate	9.628	163	67538	5.423	ng	97
51) 2,6-Dinitrotoluene	9.692	165	11809	4.684	ng	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:23:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	9.945	154	53468	5.241	ng	96
53) 3-Nitroaniline	9.869	138	12750	4.626	ng	88
55) Dibenzofuran	10.116	168	77278	5.409	ng	98
57) 2,4-Dinitrotoluene	10.098	165	15136	4.485	ng #	93
58) Fluorene	10.463	166	60881	5.605	ng	94
59) 2,3,4,6-Tetrachlorophenol	10.239	232	14470	4.525	ng	96
60) Diethylphthalate	10.328	149	60815	5.297	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	33416	5.401	ng	97
62) 4-Nitroaniline	10.475	138	12847	4.895	ng	91
63) Azobenzene	10.616	77	54383	5.089	ng	93
66) n-Nitrosodiphenylamine	10.569	169	56733	5.401	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	21547	5.169	ng	96
68) Hexachlorobenzene	11.010	284	24951	5.082	ng	99
69) Atrazine	11.098	200	17546	5.253	ng	93
71) Phenanthrene	11.428	178	90035	5.537	ng	99
72) Anthracene	11.481	178	91416	5.529	ng	99
73) Carbazole	11.639	167	76605	5.449	ng	97
74) Di-n-butylphthalate	11.963	149	87751	5.163	ng	100
75) Fluoranthene	12.622	202	91198	5.430	ng	97
78) Pyrene	12.851	202	95053	5.465	ng	98
80) Butylbenzylphthalate	13.469	149	30478	5.056	ng	92
81) Benzo(a)anthracene	14.045	228	78472	5.249	ng	96
83) Chrysene	14.080	228	68808	4.986	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	41706	5.054	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	87482	5.049	ng	98
88) Benzo(b)fluoranthene	15.098	252	72360m	5.273	ng	
89) Benzo(k)fluoranthene	15.127	252	64984	5.060	ng	99
90) Benzo(a)pyrene	15.474	252	64190	5.071	ng #	97
91) Dibenzo(a,h)anthracene	17.051	278	69714	5.010	ng	98
92) Benzo(g,h,i)perylene	17.492	276	66099	4.810	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144170.D
 Acq On : 05 Nov 2025 13:20
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

BNA_F

Client SampleId :

SSTDICC005

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025

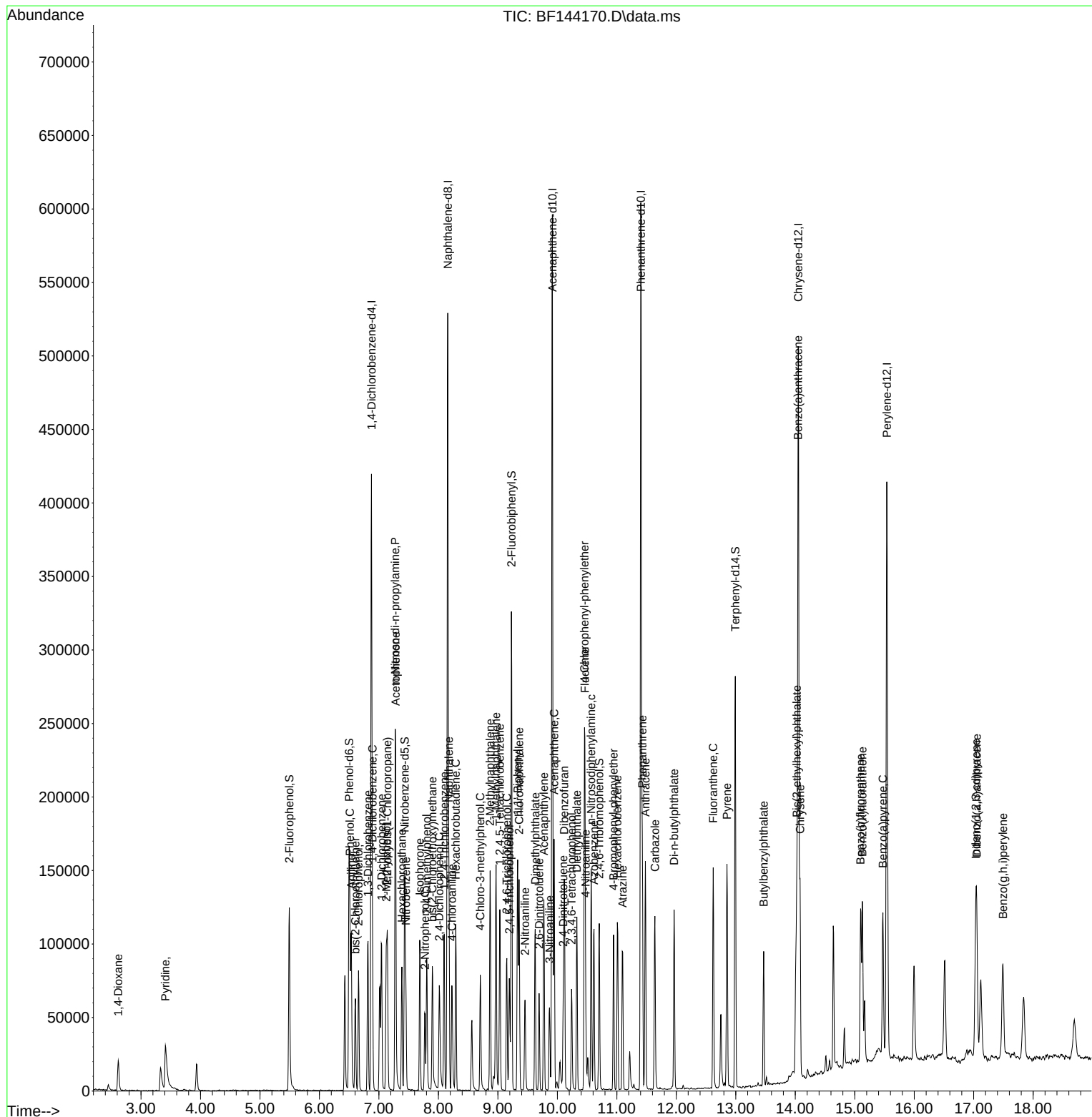
Quant Time: Nov 05 17:23:47 2025

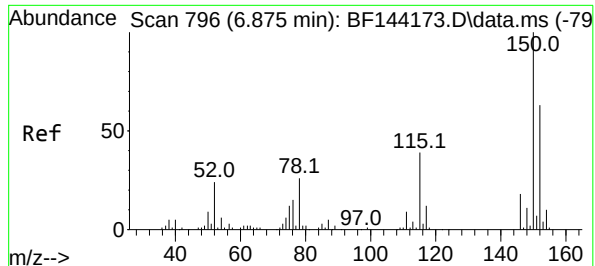
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 17:20:41 2025

Response via : Initial Calibration





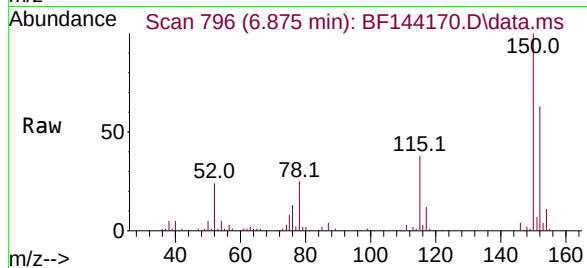
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

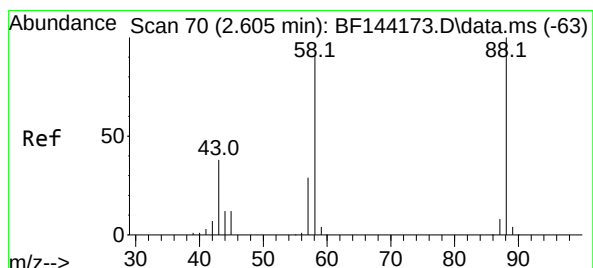
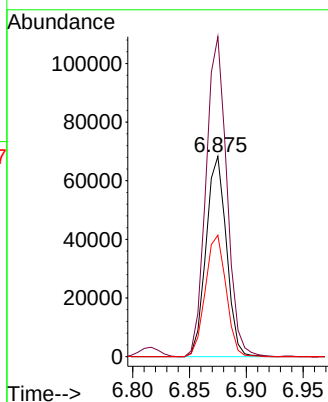
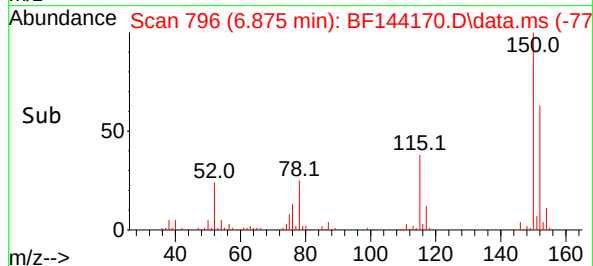


Tgt Ion:152 Resp: 85379
Ion Ratio Lower Upper
152 100
150 159.8 127.4 191.0
115 60.6 49.5 74.3

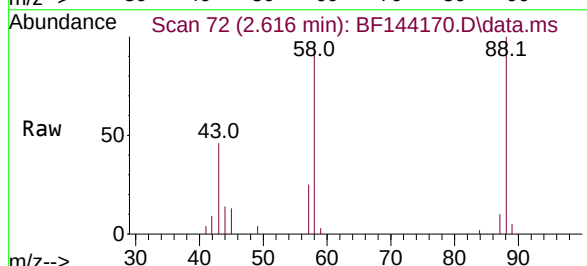
Manual Integrations

APPROVED

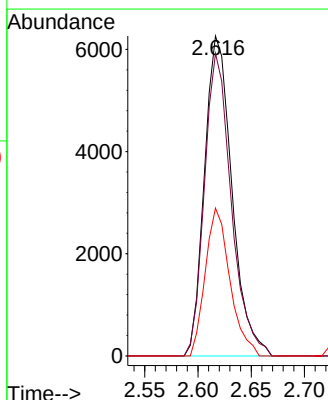
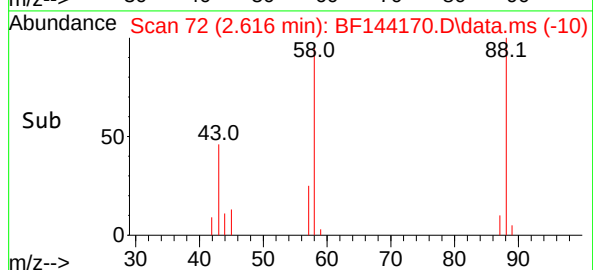
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

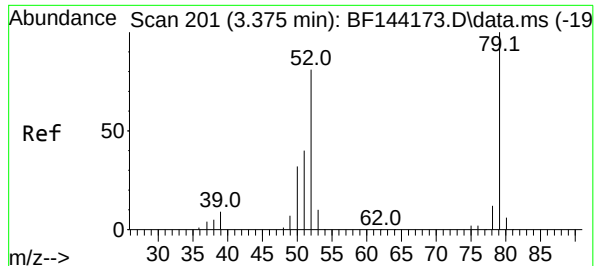


#2
1,4-Dioxane
Concen: 4.977 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion: 88 Resp: 11227
Ion Ratio Lower Upper
88 100
58 92.4 73.1 109.7
43 41.5 31.0 46.6





#3

Pyridine

Concen: 4.659 ng

RT: 3.410 min Scan# 201

Delta R.T. 0.035 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

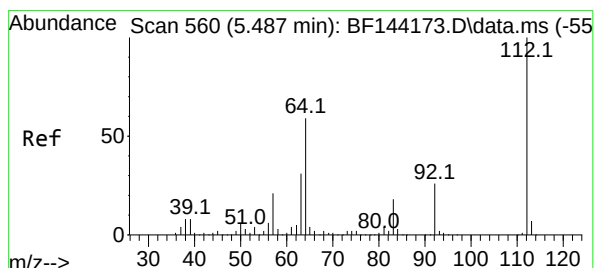
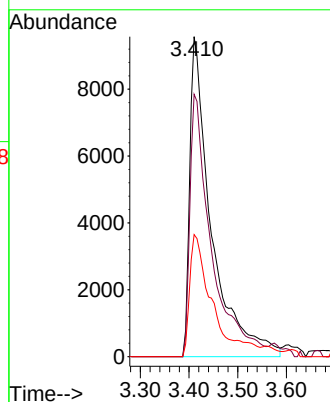
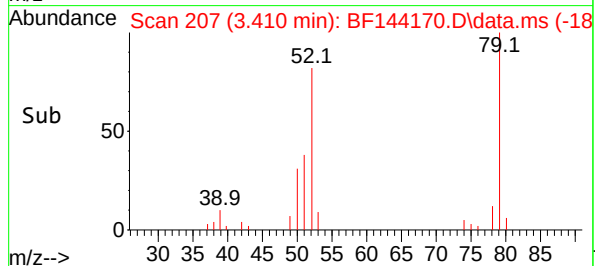
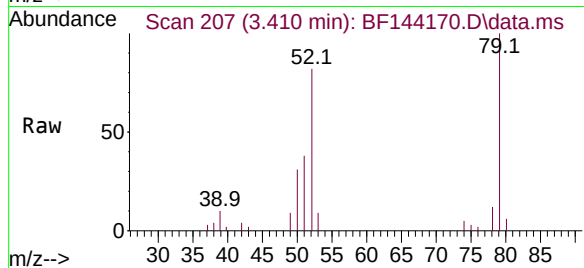
Tgt Ion:	79	Resp:	2932
Ion	Ratio	Lower	Upper
79	100		
52	82.0	64.5	96.7
51	38.1	31.7	47.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#5

2-Fluorophenol

Concen: 10.423 ng

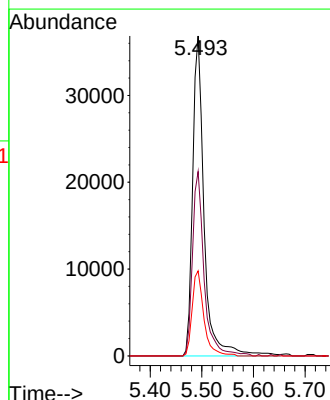
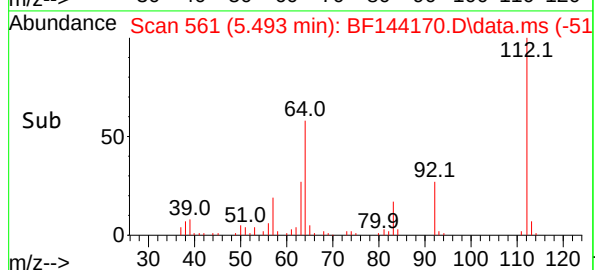
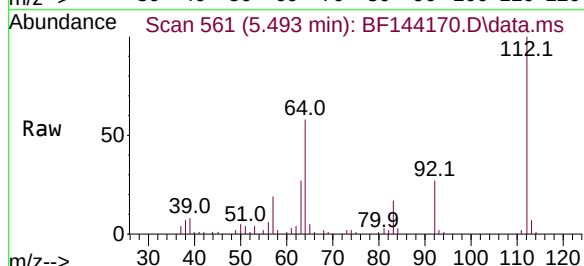
RT: 5.493 min Scan# 561

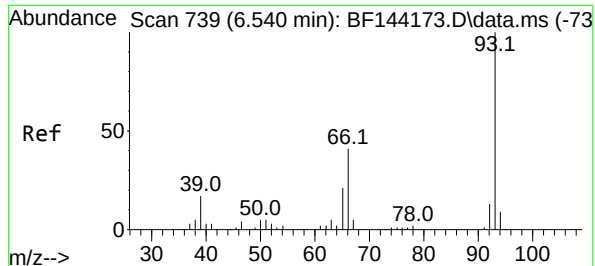
Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:	112	Resp:	56869
Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.2	70.8
63	26.6	24.4	36.6





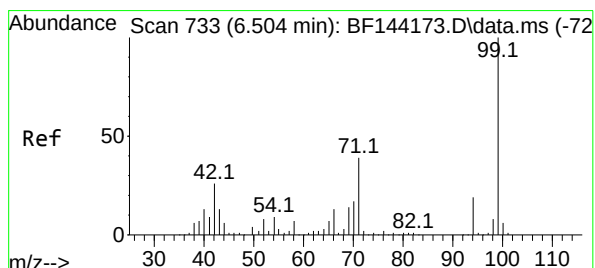
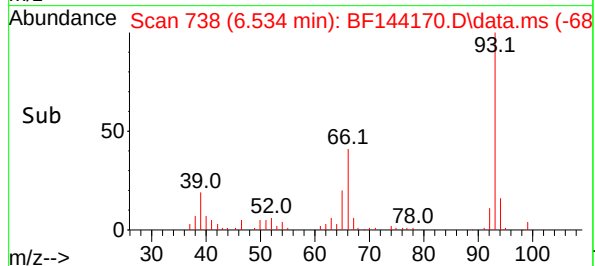
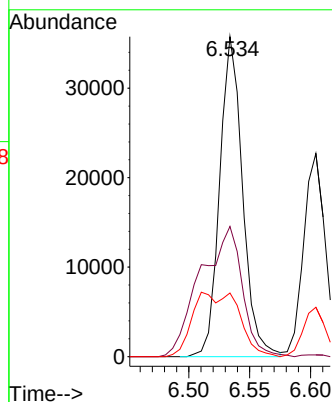
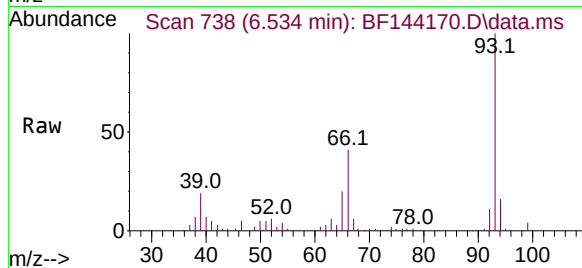
#6
Aniline
Concen: 5.317 ng
RT: 6.534 min Scan# 731
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 46833
Ion Ratio Lower Upper
93 100
66 40.7 34.3 51.5
65 19.9 16.9 25.3

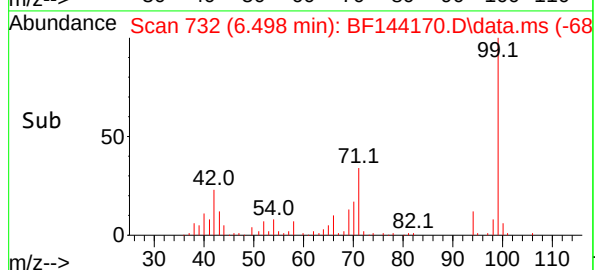
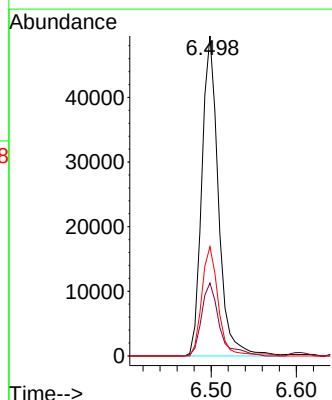
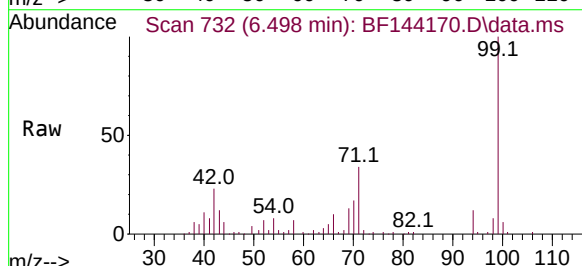
Manual Integrations
APPROVED

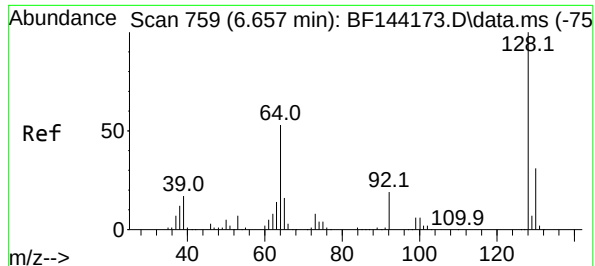
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#7
Phenol-d6
Concen: 10.817 ng
RT: 6.498 min Scan# 732
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

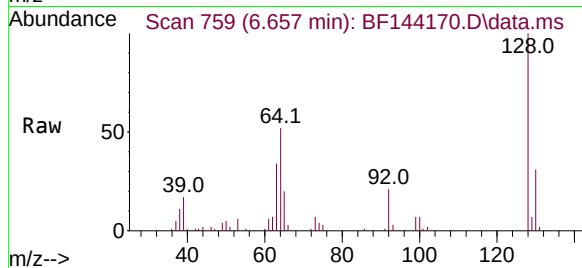
Tgt Ion: 99 Resp: 66870
Ion Ratio Lower Upper
99 100
42 22.8 20.9 31.3
71 34.1 31.4 47.2





#8
2-Chlorophenol
Concen: 4.953 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

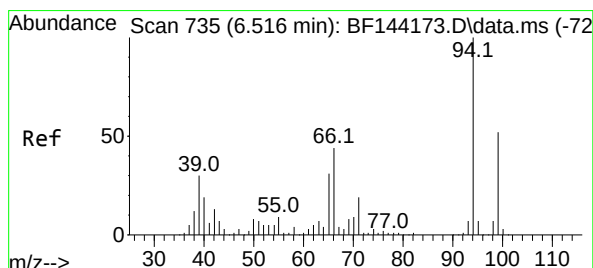
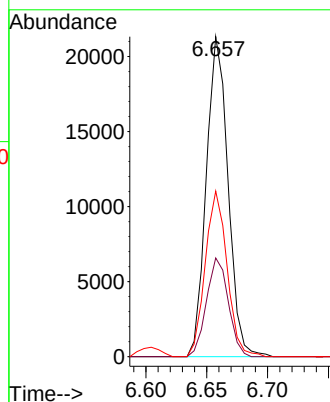
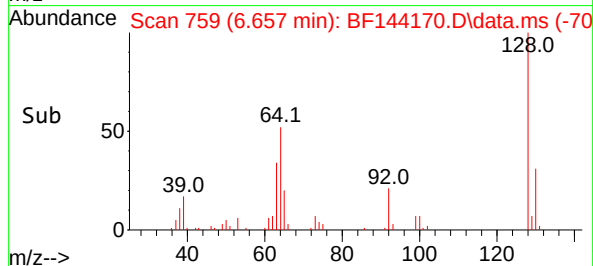
Instrument :
BNA_F
Client Sample Id :
SSTDICC005



Tgt Ion: 128 Resp: 26502
Ion Ratio Lower Upper
128 100
130 30.8 10.5 50.5
64 51.7 33.2 73.2

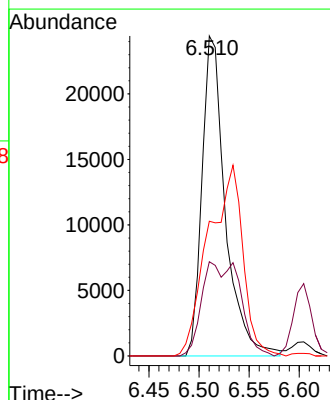
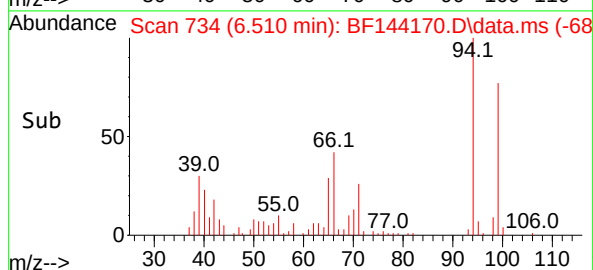
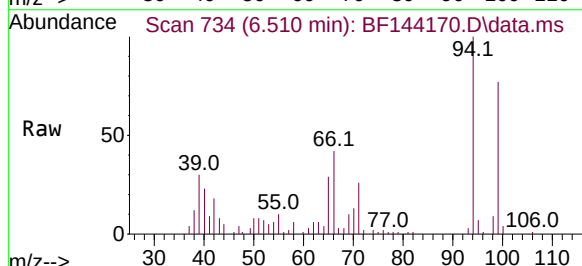
Manual Integrations
APPROVED

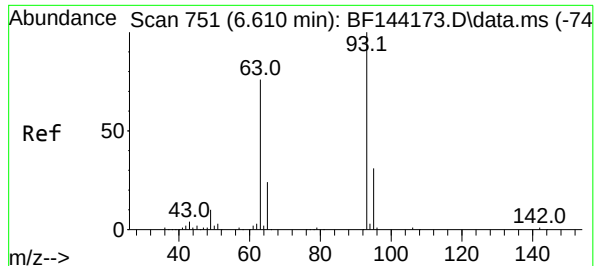
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#10
Phenol
Concen: 5.214 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.017 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion: 94 Resp: 39383
Ion Ratio Lower Upper
94 100
65 29.4 10.8 50.8
66 42.1 24.3 64.3





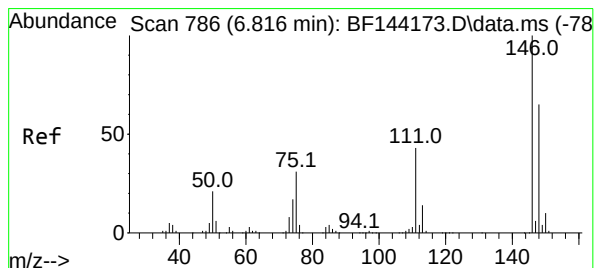
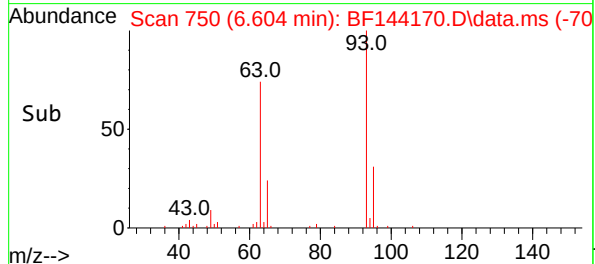
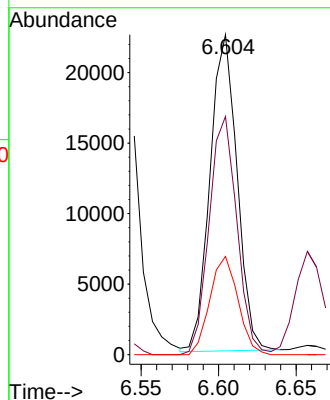
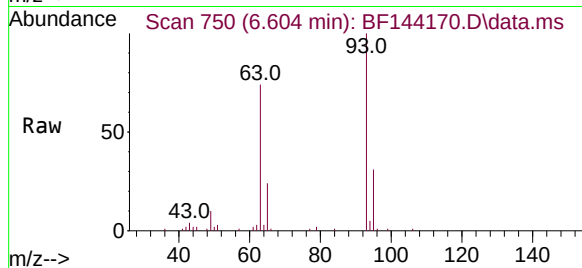
#11
bis(2-Chloroethyl)ether
Concen: 4.958 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion: 93 Resp: 27288
Ion Ratio Lower Upper
93 100
63 74.4 55.2 95.2
95 30.7 11.2 51.2

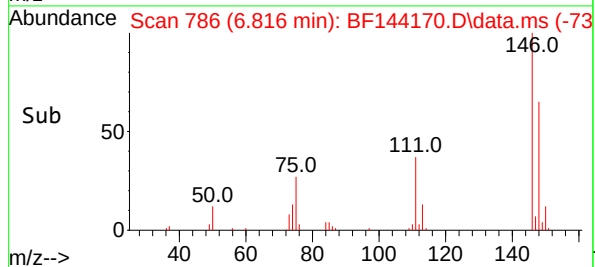
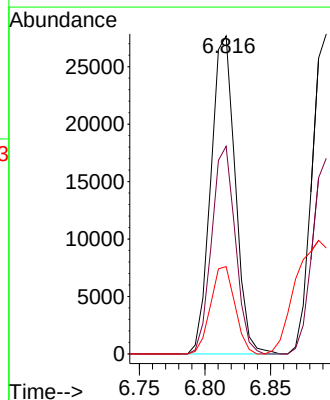
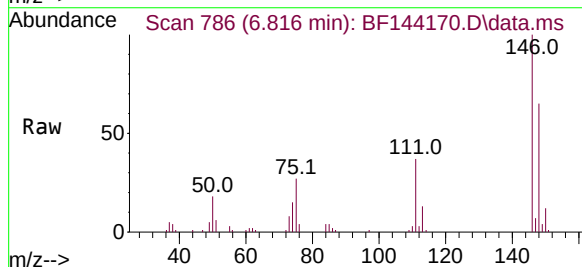
Manual Integrations
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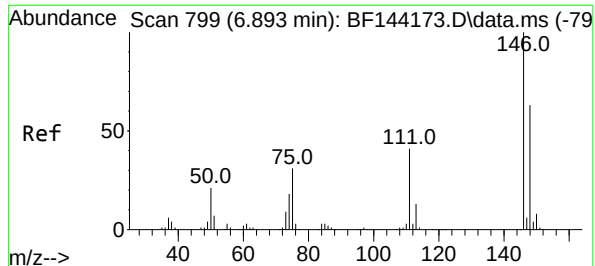
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 5.422 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:146 Resp: 35799
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 27.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 5.385 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDIC005

Tgt Ion:146 Resp: 35623

Ion Ratio Lower Upper

146 100

148 61.1 50.2 75.2

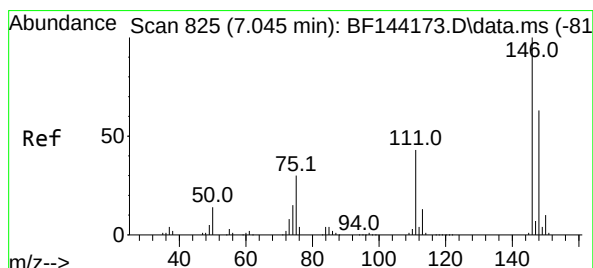
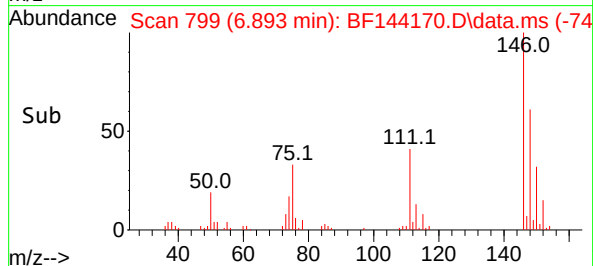
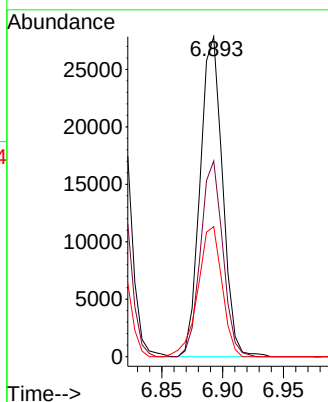
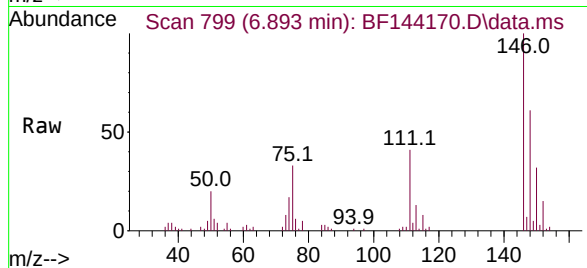
111 40.6 32.6 48.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 5.559 ng

RT: 7.046 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

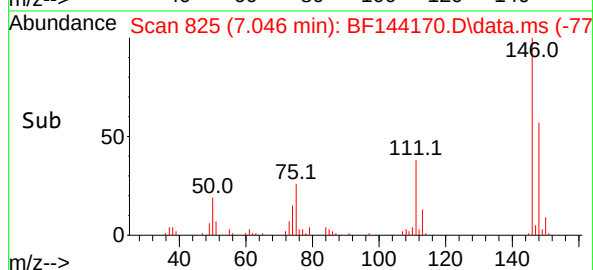
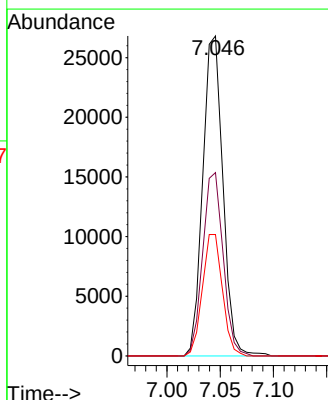
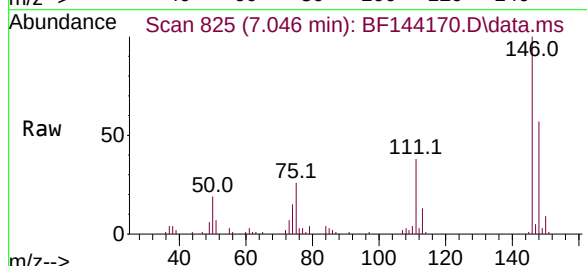
Tgt Ion:146 Resp: 35243

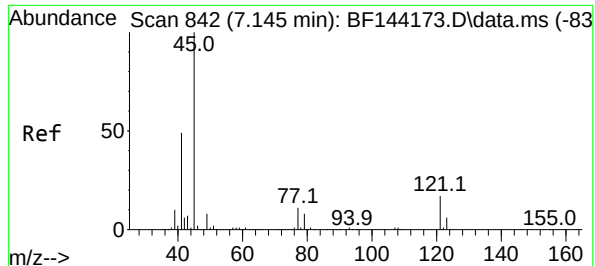
Ion Ratio Lower Upper

146 100

148 57.3 50.7 76.1

111 37.9 34.2 51.4





#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.072 ng

RT: 7.140 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 45 Resp: 51408

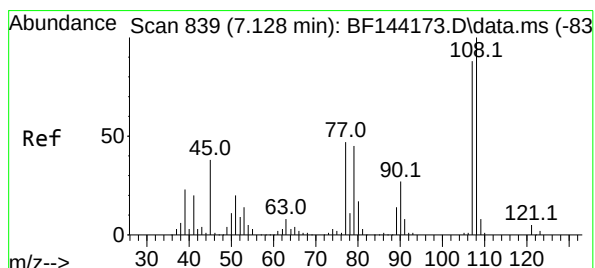
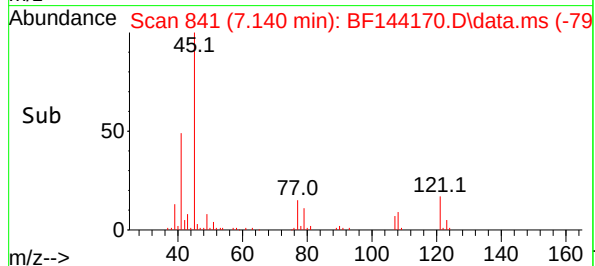
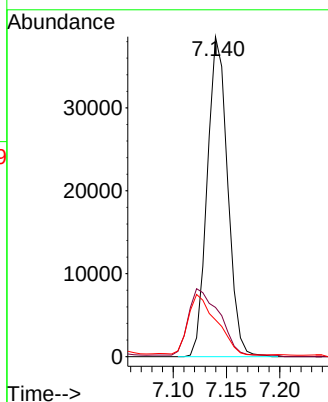
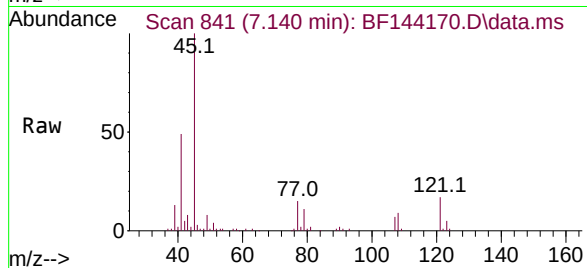
Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	31.8
79	11.5	0.0	29.1

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#17

2-Methylphenol

Concen: 5.168 ng

RT: 7.122 min Scan# 838

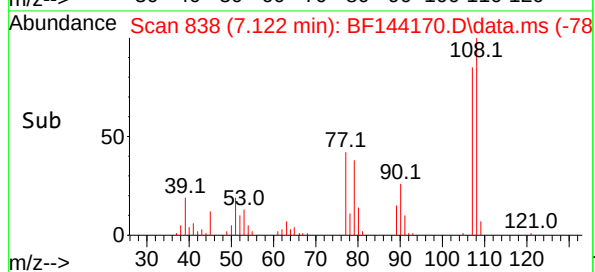
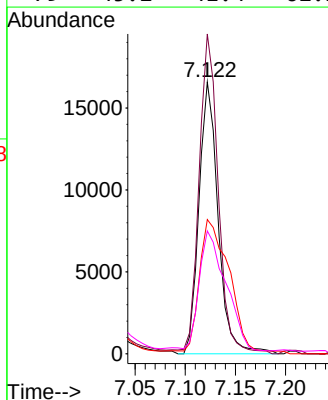
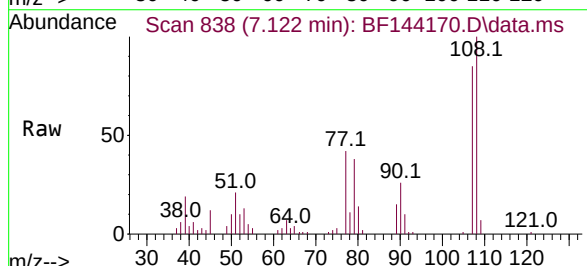
Delta R.T. -0.006 min

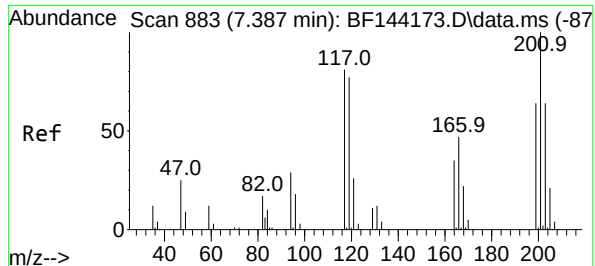
Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:107 Resp: 21999

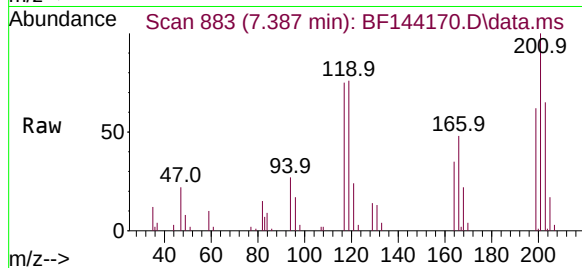
Ion	Ratio	Lower	Upper
107	100		
108	117.7	91.0	136.4
77	49.4	42.7	64.1
79	45.2	41.4	62.2





#18
Hexachloroethane
Concen: 4.973 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

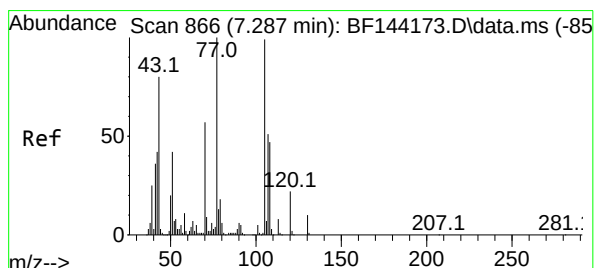
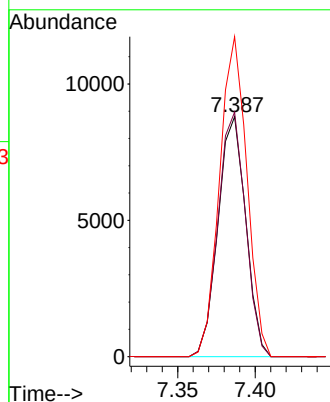
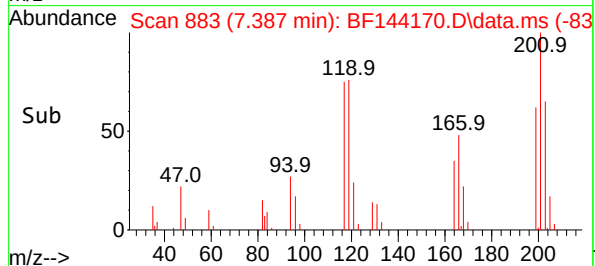
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



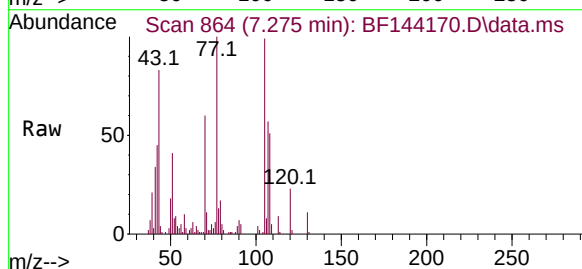
Tgt Ion: 117 Resp: 10929
Ion Ratio Lower Upper
117 100
119 102.0 75.8 113.8
201 133.4 98.9 148.3

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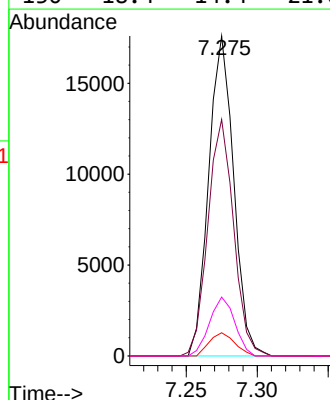
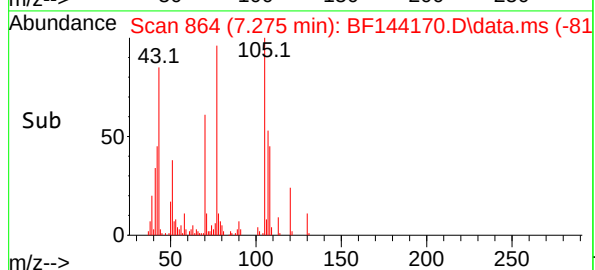
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

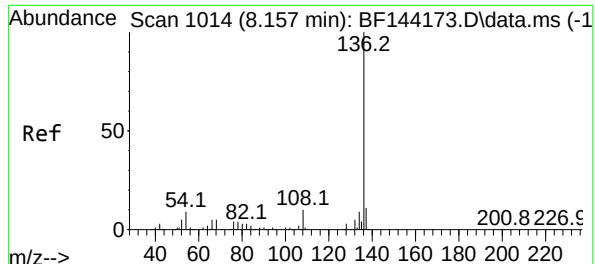


#19
n-Nitroso-di-n-propylamine
Concen: 5.296 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



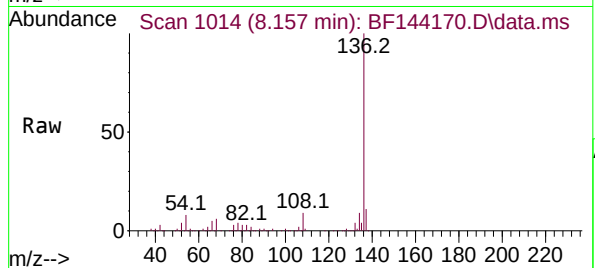
Tgt Ion: 70 Resp: 21555
Ion Ratio Lower Upper
70 100
42 73.9 58.3 87.5
101 7.3 7.0 10.6
130 18.4 14.4 21.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

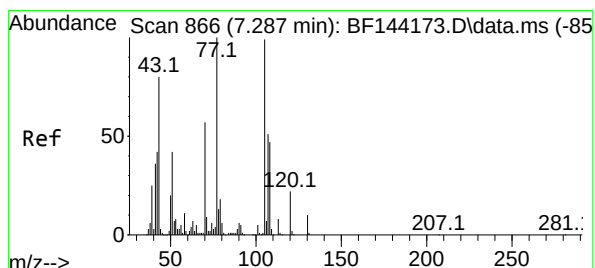
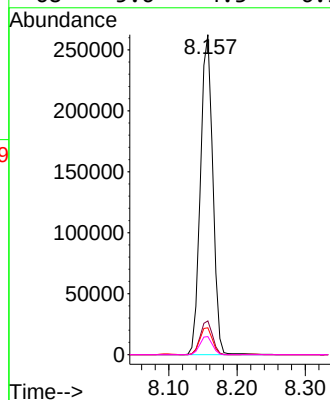
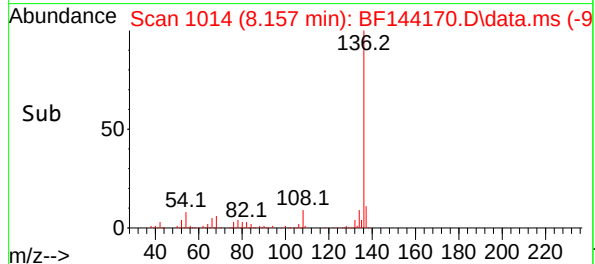
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:136 Resp: 330889
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.4 7.0 10.6
68 5.6 4.3 6.5

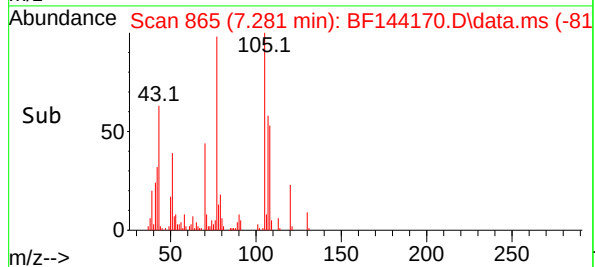
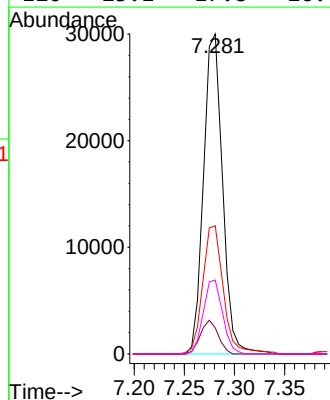
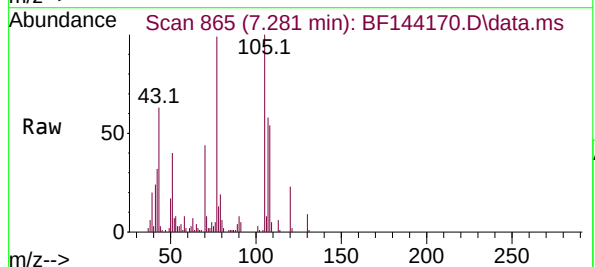
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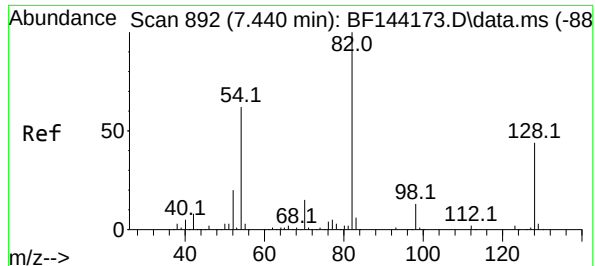
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#22
Acetophenone
Concen: 5.580 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:105 Resp: 39609
Ion Ratio Lower Upper
105 100
71 8.1 7.2 10.8
51 40.0 34.0 51.0
120 23.1 17.8 26.6





#23

Nitrobenzene-d5

Concen: 9.904 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion: 82 Resp: 56744

Ion Ratio Lower Upper

82 100

128 46.4 34.7 52.1

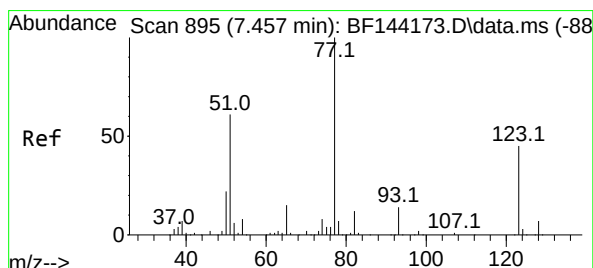
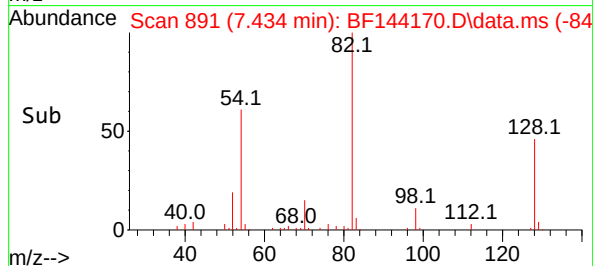
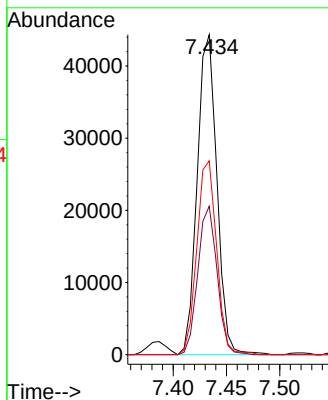
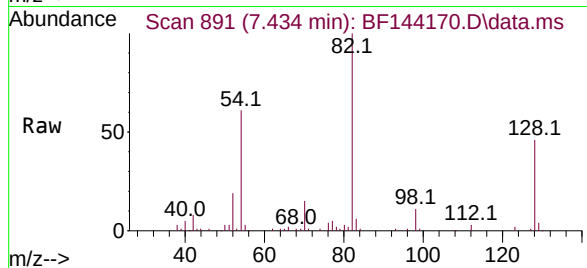
54 60.6 49.5 74.3

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 4.915 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

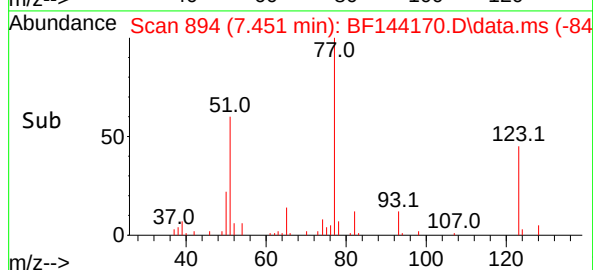
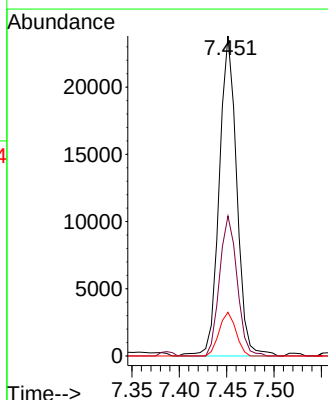
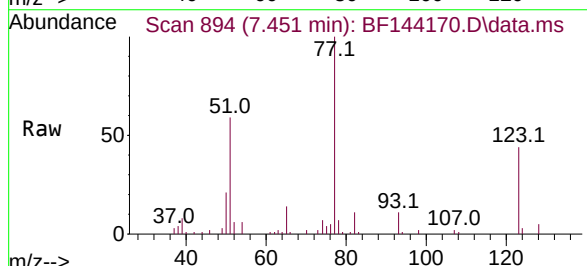
Tgt Ion: 77 Resp: 30574

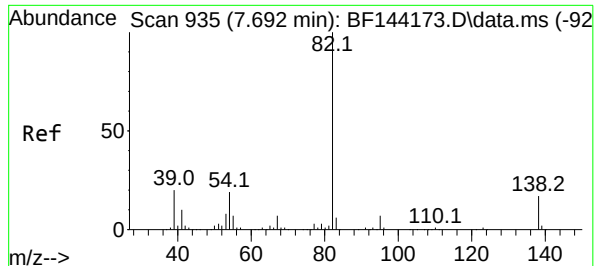
Ion Ratio Lower Upper

77 100

123 43.7 35.8 53.8

65 13.6 12.2 18.2





#25

Isophorone

Concen: 5.028 ng

RT: 7.687 min Scan# 934

Delta R.T. -0.017 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

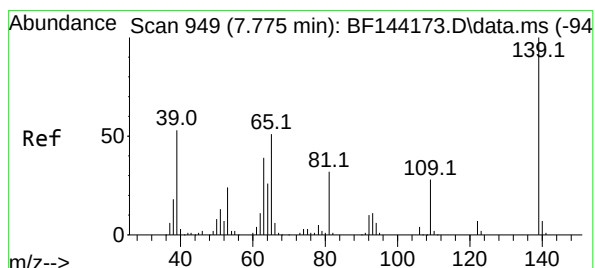
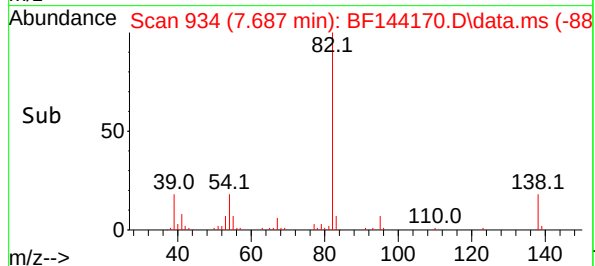
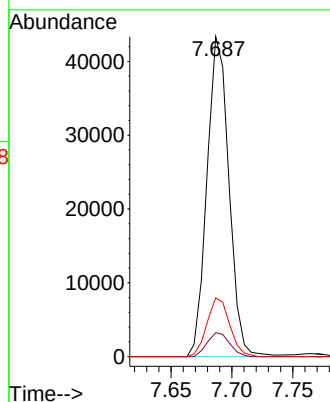
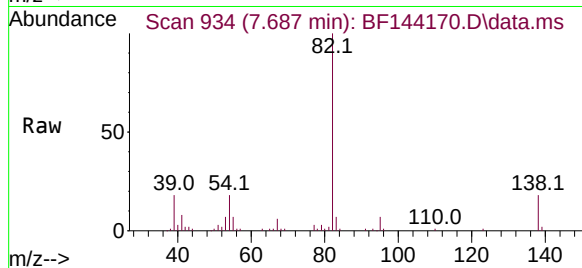
SSTDICC005

Tgt Ion:	82	Resp:	5448
Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.5	8.3
138	18.4	13.7	20.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#26

2-Nitrophenol

Concen: 4.478 ng

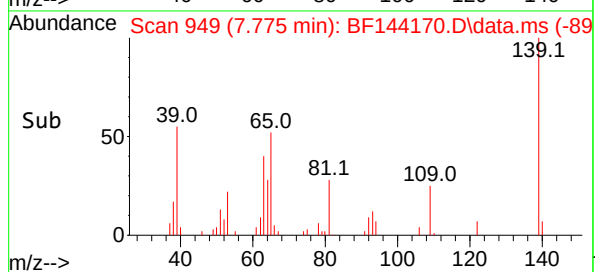
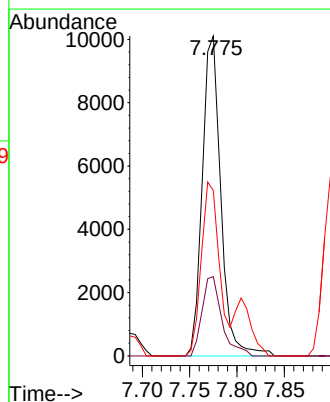
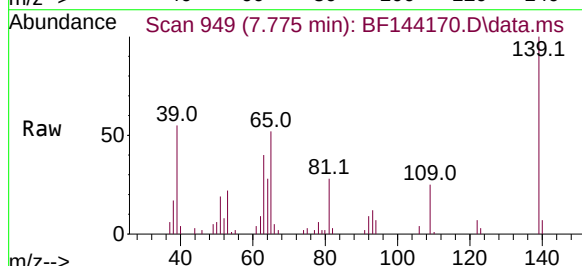
RT: 7.775 min Scan# 949

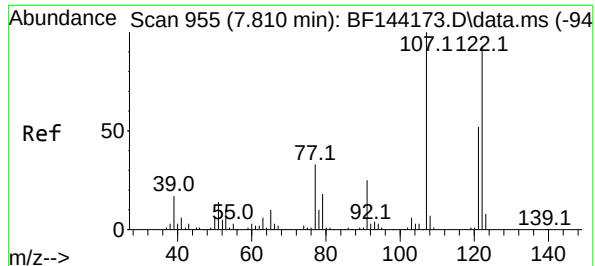
Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:	139	Resp:	13789
Ion	Ratio	Lower	Upper
139	100		
109	24.8	22.2	33.2
65	51.7	40.7	61.1





#27

2,4-Dimethylphenol

Concen: 5.045 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

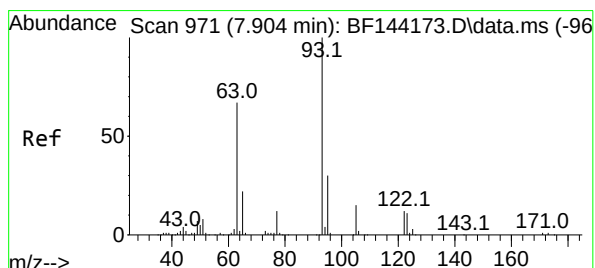
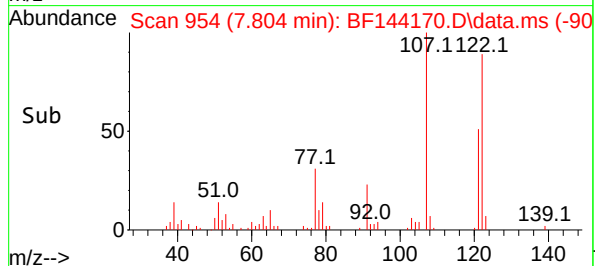
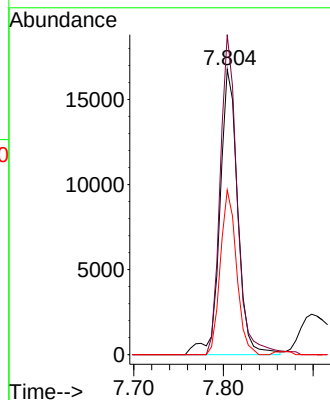
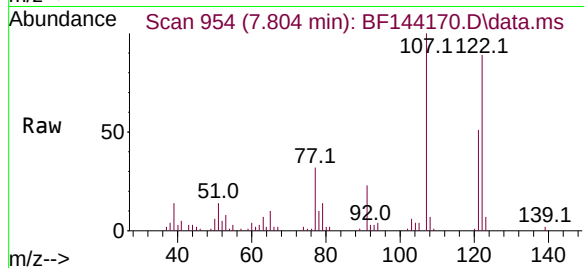
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.2	86.2	129.4
121	57.7	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 5.207 ng

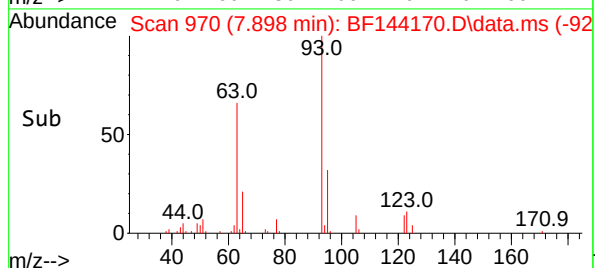
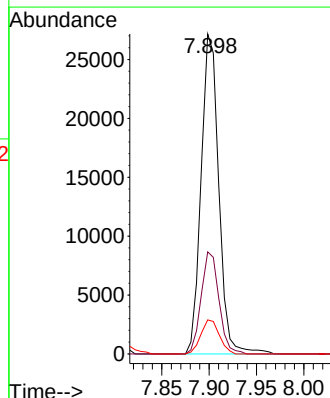
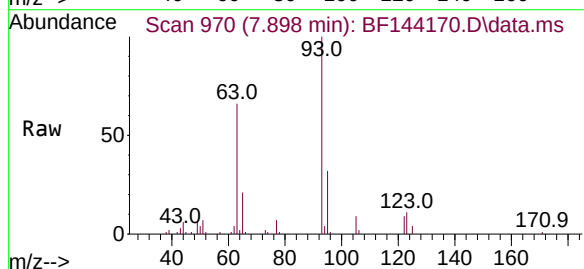
RT: 7.898 min Scan# 970

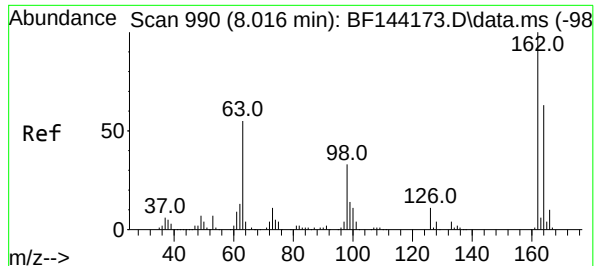
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	24.2	36.4
123	10.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 5.189 ng

RT: 8.016 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

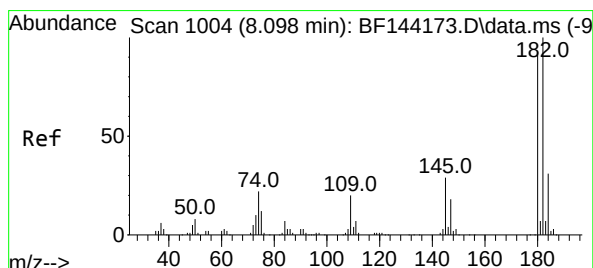
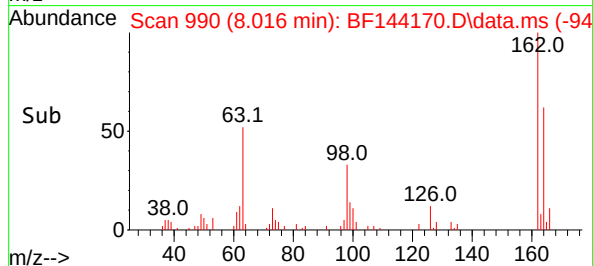
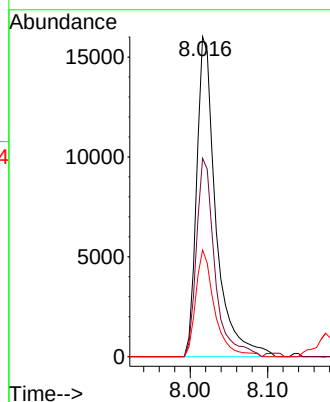
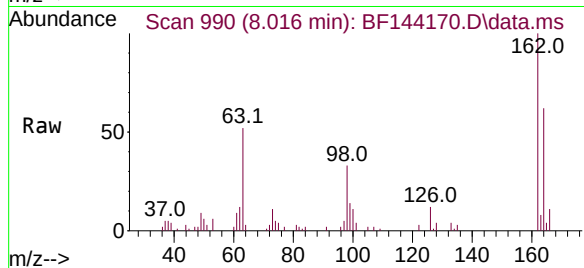
Tgt Ion:162	Resp:	27603
Ion Ratio	Lower	Upper
162	100	
164	62.0	42.9 82.9
98	33.3	13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

Concen: 5.298 ng

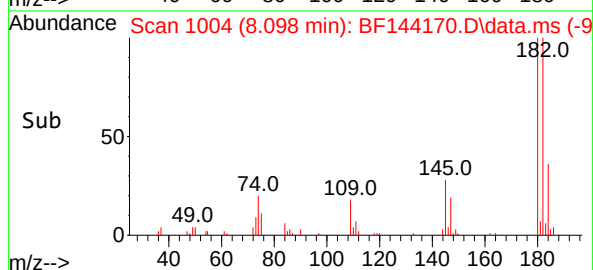
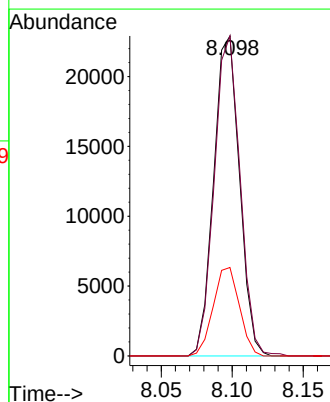
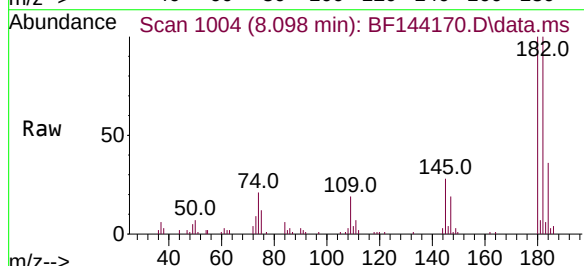
RT: 8.098 min Scan# 1004

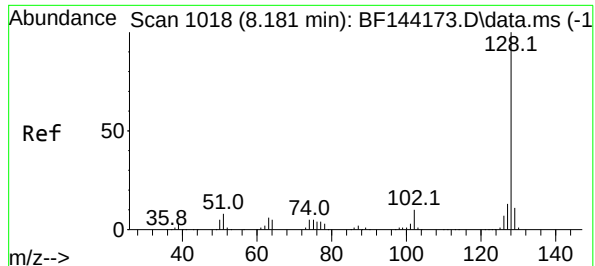
Delta R.T. 0.000 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

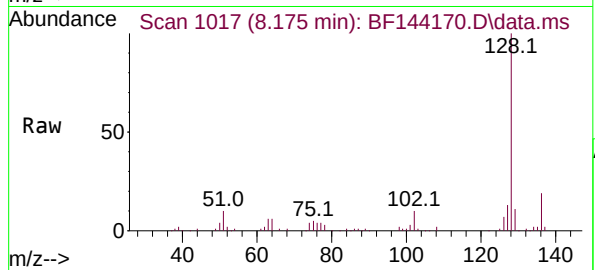
Tgt Ion:180	Resp:	28937
Ion Ratio	Lower	Upper
180	100	
182	100.0	87.7 131.5
145	27.6	25.4 38.0





#31
Naphthalene
Concen: 5.357 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

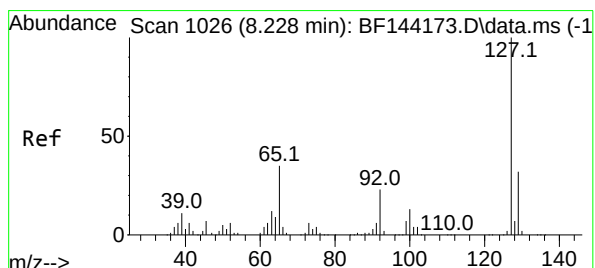
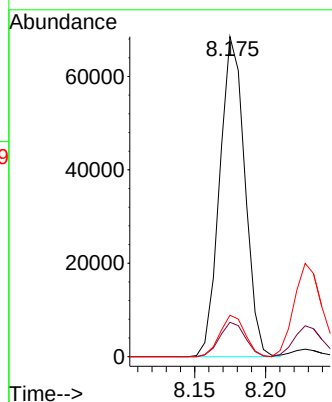
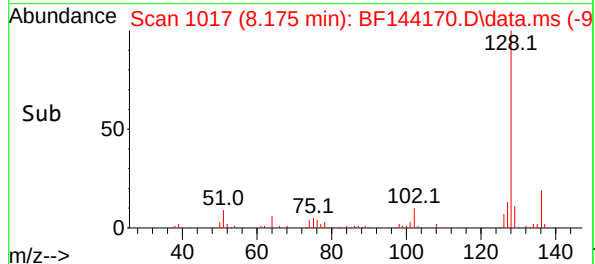
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:128 Resp: 84320
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.9 10.3 15.5

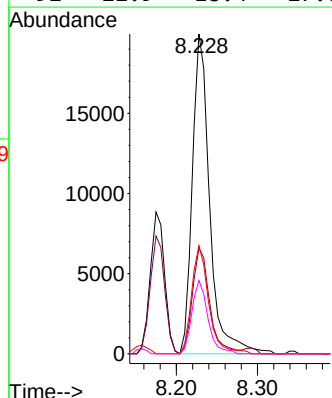
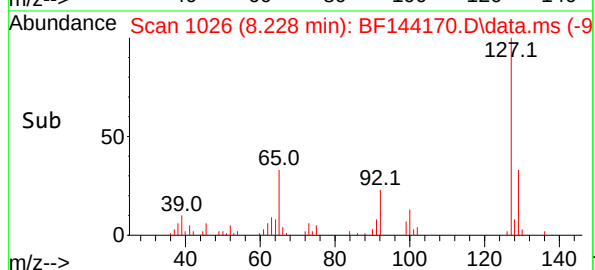
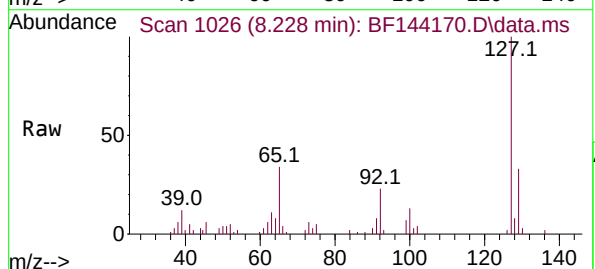
Manual Integrations
APPROVED

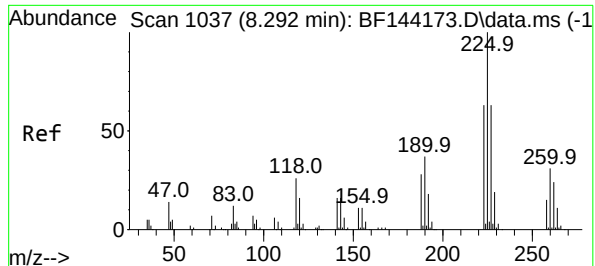
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#33
4-Chloroaniline
Concen: 5.157 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

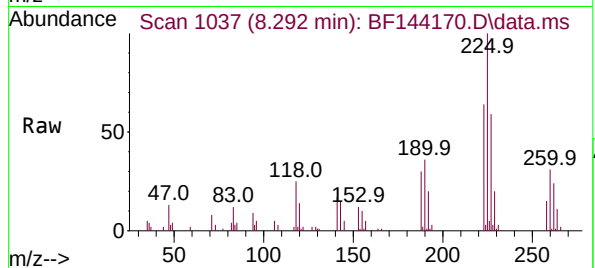
Tgt Ion:127 Resp: 29602
Ion Ratio Lower Upper
127 100
129 33.0 25.3 37.9
65 33.8 27.6 41.4
92 22.9 18.4 27.6





#34
Hexachlorobutadiene
Concen: 5.152 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

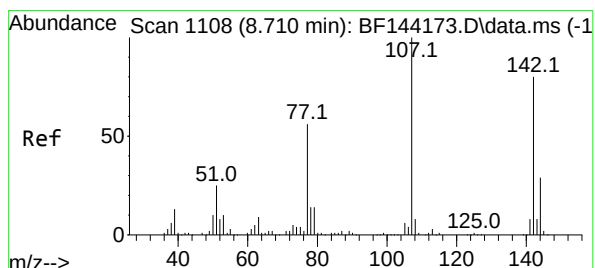
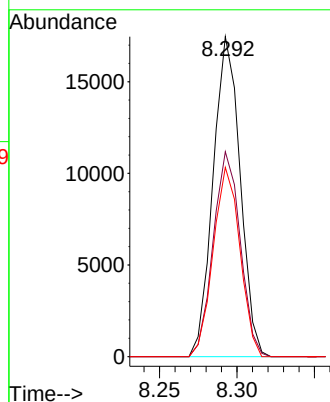
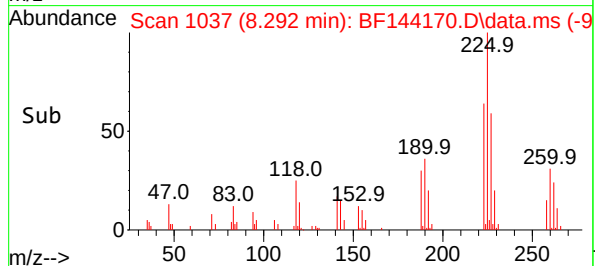
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



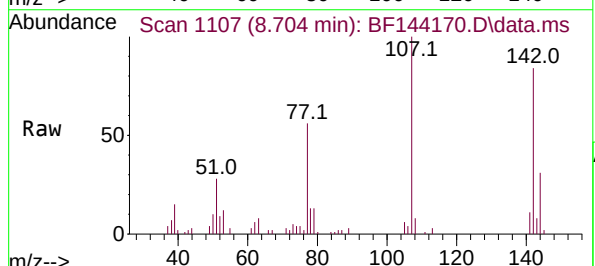
Tgt Ion:225 Resp: 21207
Ion Ratio Lower Upper
225 100
223 64.0 50.2 75.4
227 59.1 50.1 75.1

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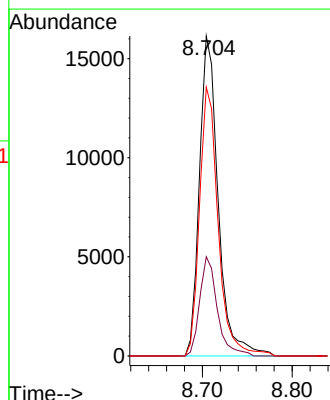
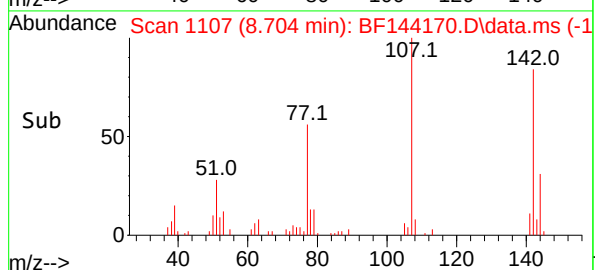
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

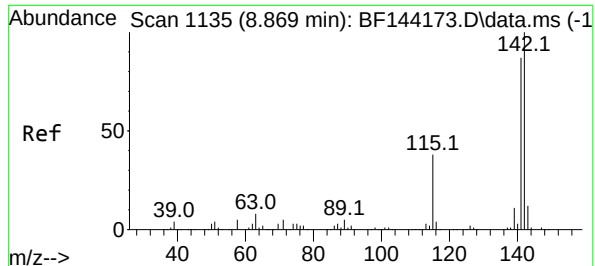


#36
4-Chloro-3-methylphenol
Concen: 4.914 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:107 Resp: 23428
Ion Ratio Lower Upper
107 100
144 31.0 23.3 34.9
142 84.0 63.8 95.6





#37

2-Methylnaphthalene

Concen: 5.520 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:142 Resp: 5808

Ion Ratio Lower Upper

142 100

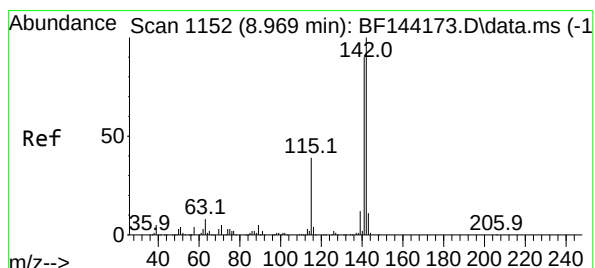
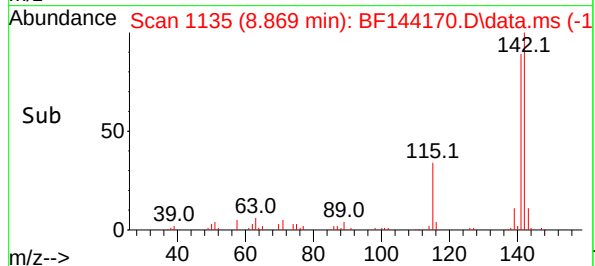
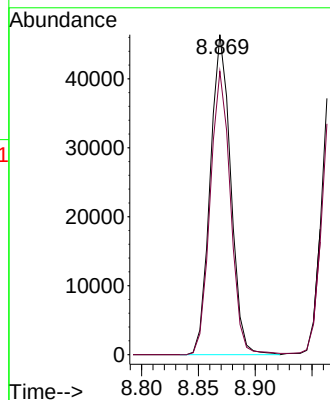
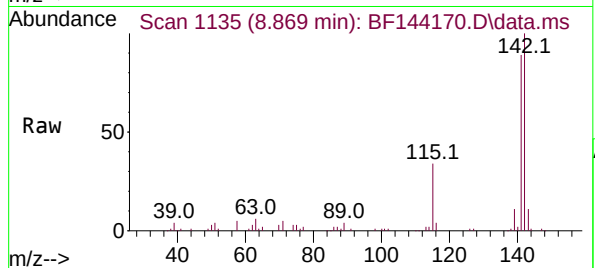
141 88.5 69.9 104.9

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#38

1-Methylnaphthalene

Concen: 5.431 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144170.D

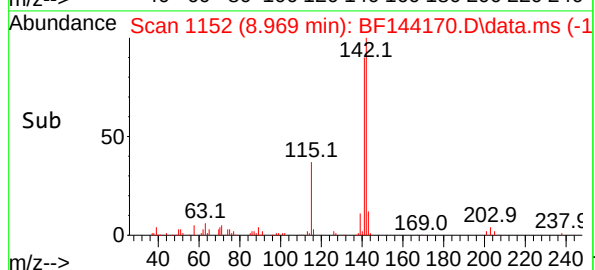
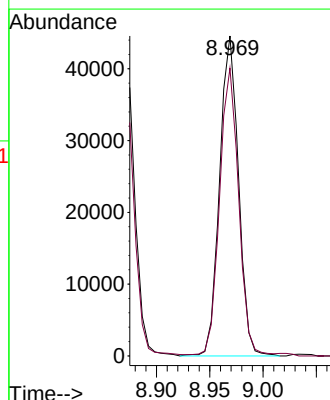
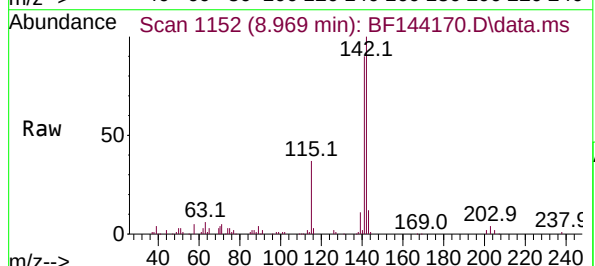
Acq: 05 Nov 2025 13:20

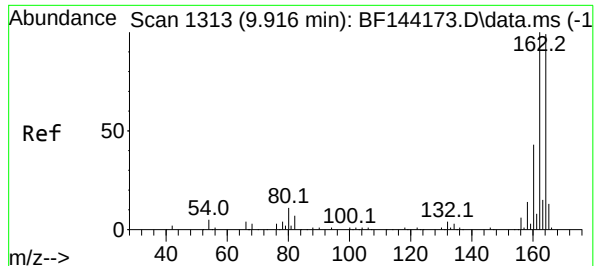
Tgt Ion:142 Resp: 55152

Ion Ratio Lower Upper

142 100

141 89.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144170.D

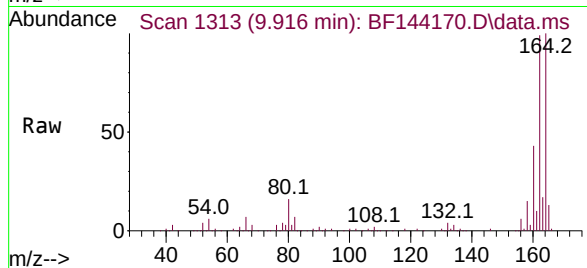
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:164 Resp: 188000

Ion Ratio Lower Upper

164 100

162 99.4 81.1 121.7

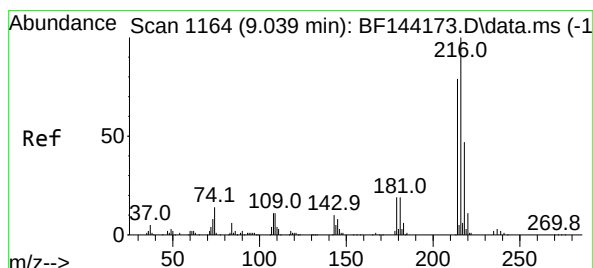
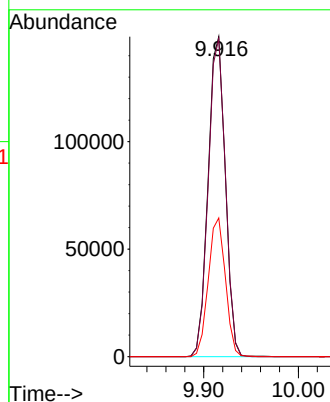
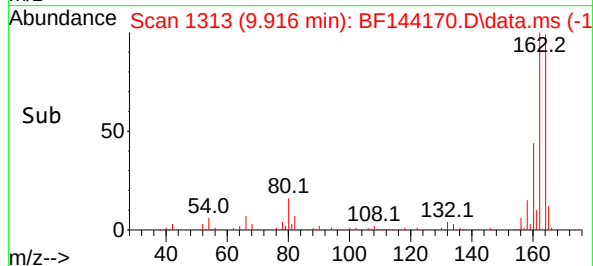
160 43.3 34.5 51.7

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

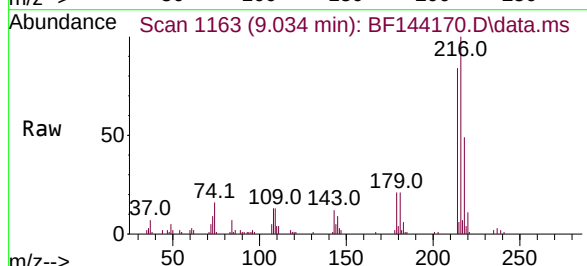
Concen: 5.165 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20



Tgt Ion:216 Resp: 31823

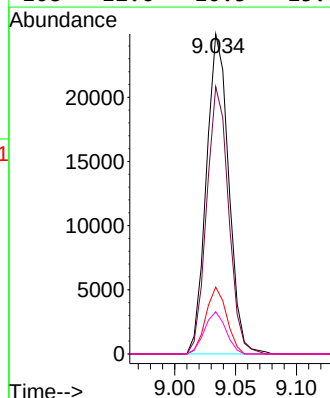
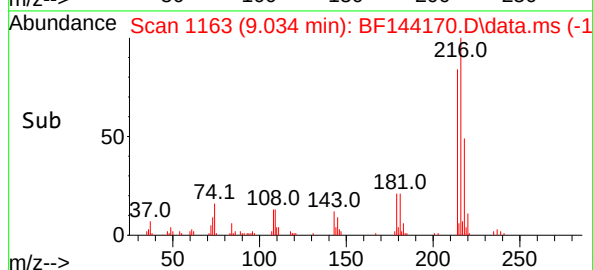
Ion Ratio Lower Upper

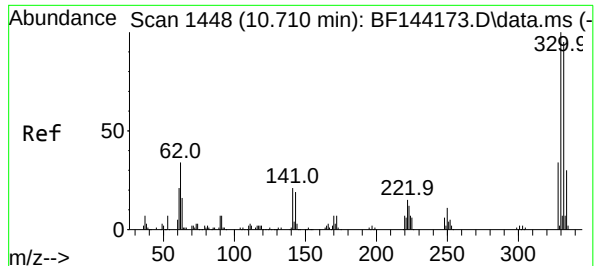
216 100

214 81.6 63.4 95.2

179 19.4 15.0 22.4

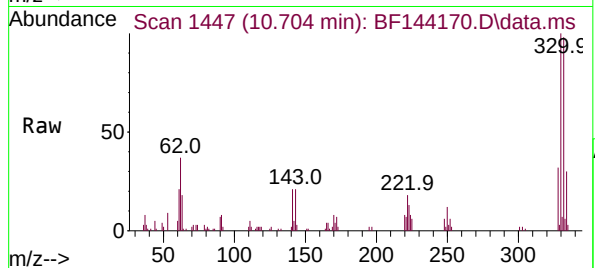
108 12.6 10.5 15.7





#42
2,4,6-Tribromophenol
Concen: 9.647 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

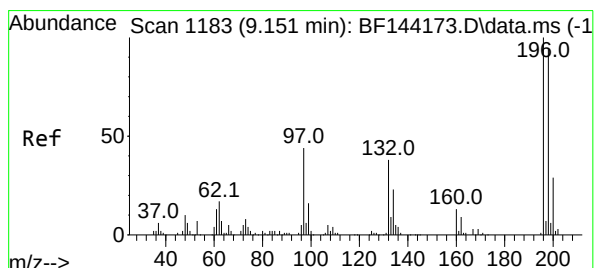
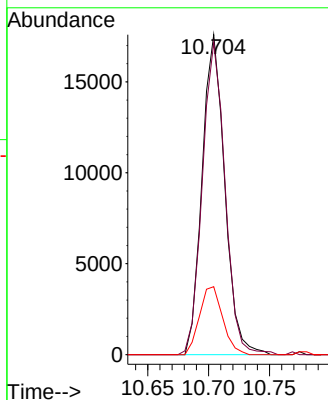
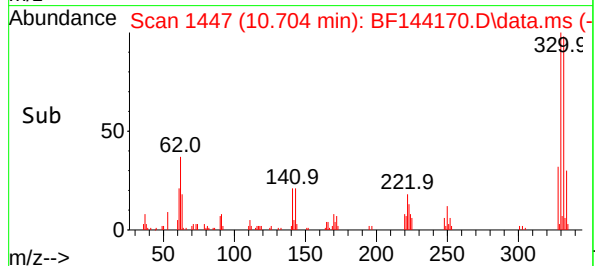
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



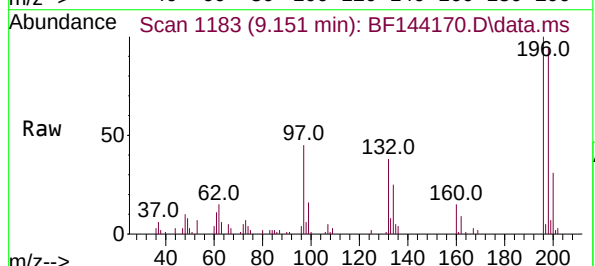
Tgt Ion: 330 Resp: 22758
Ion Ratio Lower Upper
330 100
332 98.0 76.7 115.1
141 21.8 17.8 26.8

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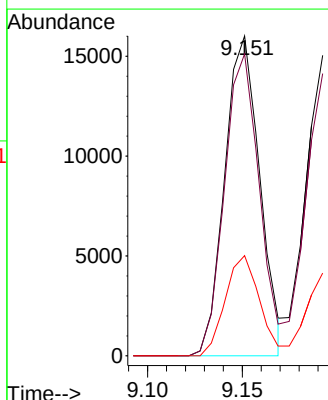
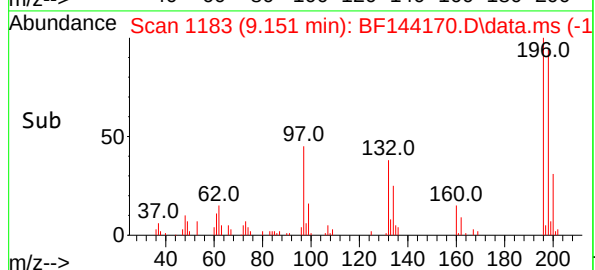
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

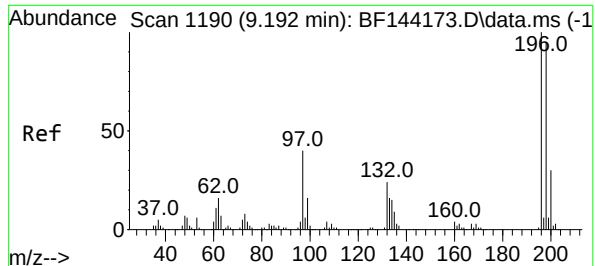


#43
2,4,6-Trichlorophenol
Concen: 4.933 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



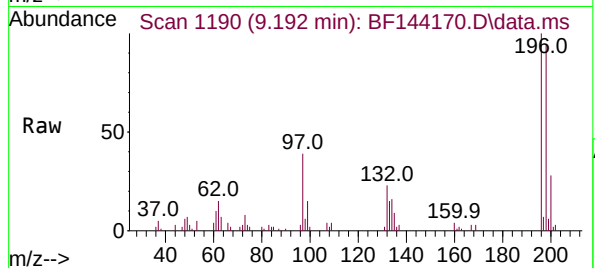
Tgt Ion: 196 Resp: 20685
Ion Ratio Lower Upper
196 100
198 94.4 75.3 112.9
200 31.3 23.4 35.2





#44
2,4,5-Trichlorophenol
Concen: 5.165 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

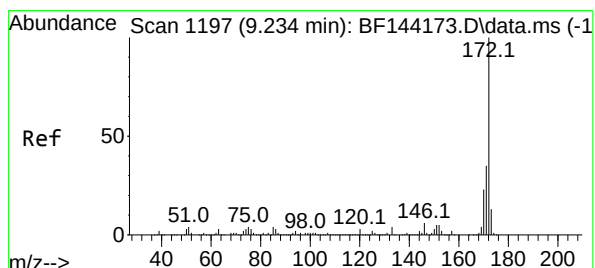
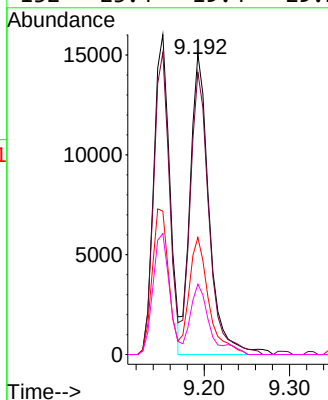
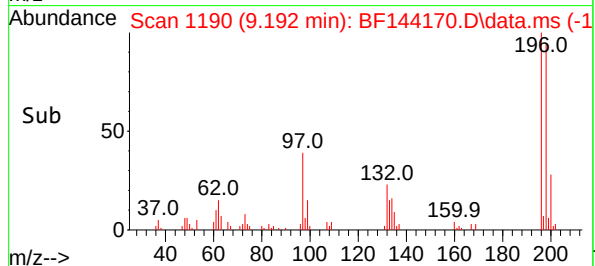
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



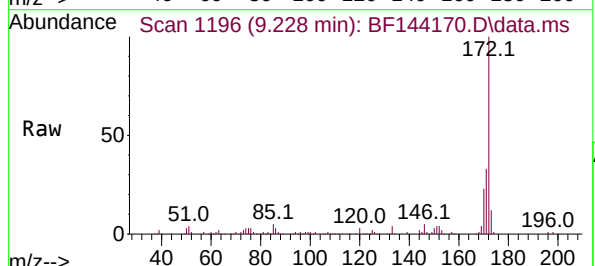
Tgt Ion:196 Resp: 23346
Ion Ratio Lower Upper
196 100
198 93.9 76.1 114.1
97 39.0 31.9 47.9
132 23.4 19.4 29.2

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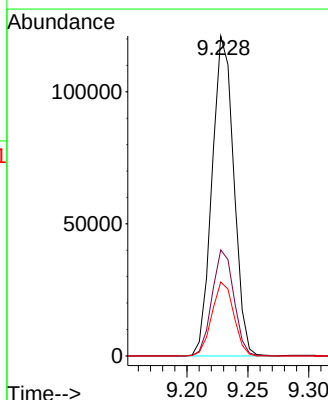
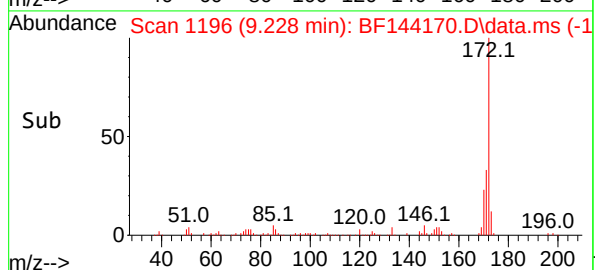
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

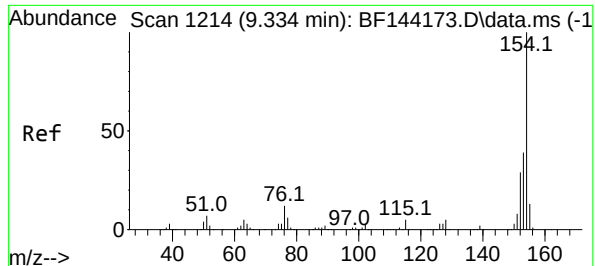


#45
2-Fluorobiphenyl
Concen: 11.803 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:172 Resp: 150248
Ion Ratio Lower Upper
172 100
171 33.1 28.1 42.1
170 23.1 18.6 28.0





#46

1,1'-Biphenyl

Concen: 5.496 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

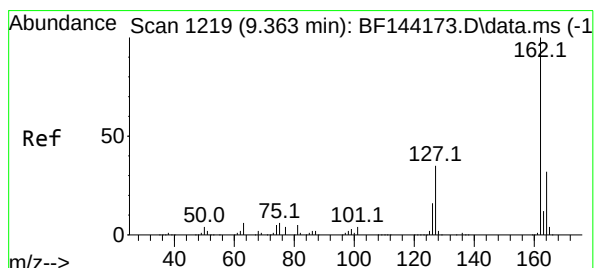
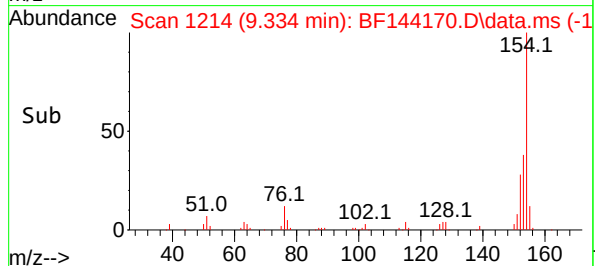
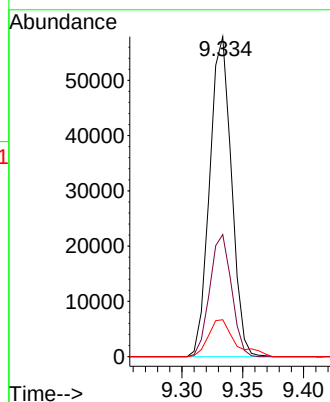
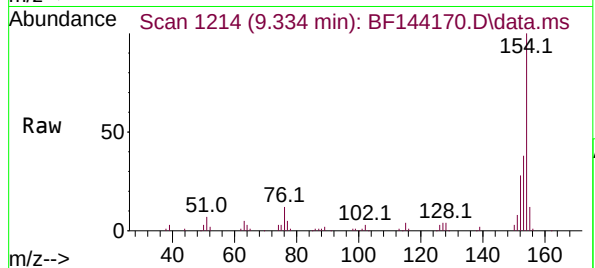
Tgt Ion:154	Resp:	7212
Ion Ratio	Lower	Upper
154	100	
153	38.1	19.2 59.2
76	11.5	0.0 31.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#47

2-Chloronaphthalene

Concen: 5.470 ng

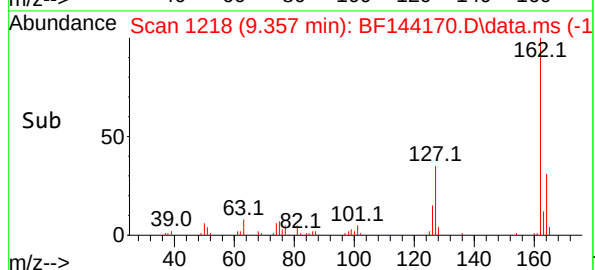
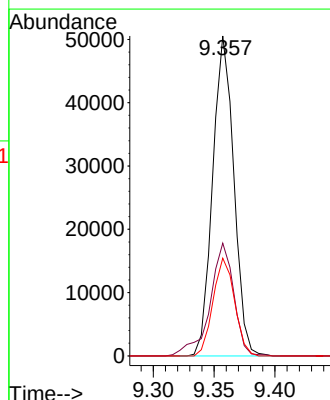
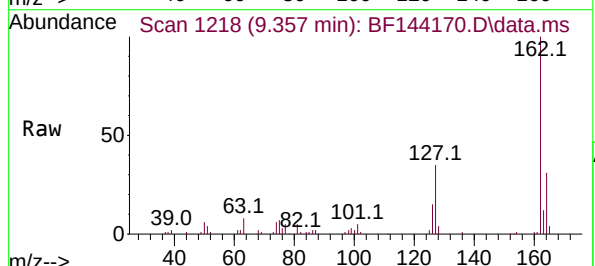
RT: 9.357 min Scan# 1218

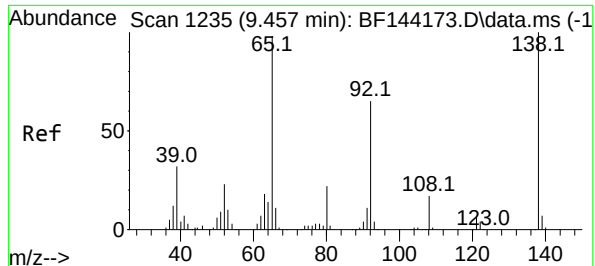
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:162	Resp:	61232
Ion Ratio	Lower	Upper
162	100	
127	35.2	28.8 43.2
164	30.5	25.8 38.8





#48

2-Nitroaniline

Concen: 4.399 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

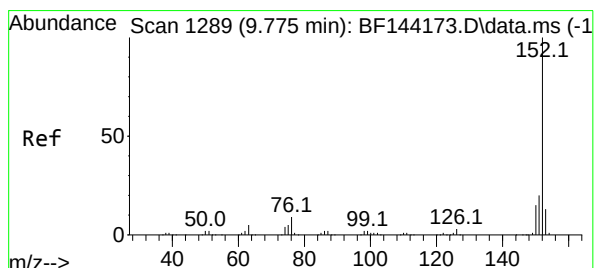
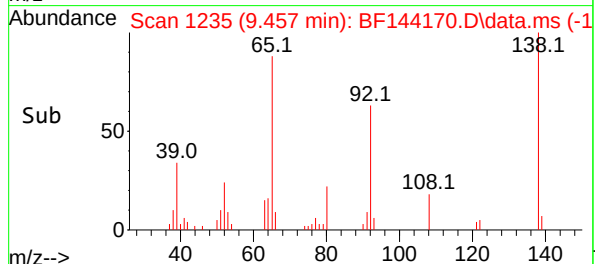
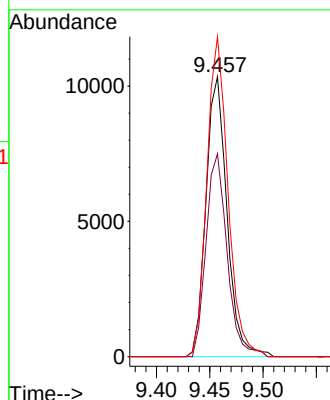
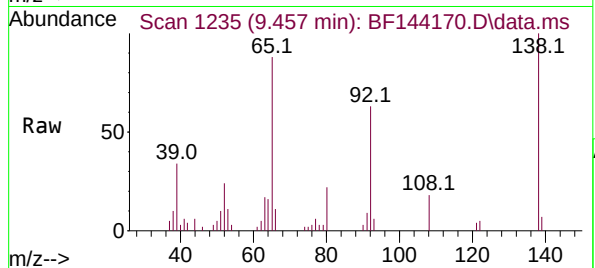
Tgt Ion:	65	Resp:	14208
Ion Ratio	Lower	Upper	
65	100		
92	72.4	53.0	79.6
138	114.3	81.6	122.4

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#49

Acenaphthylene

Concen: 5.321 ng

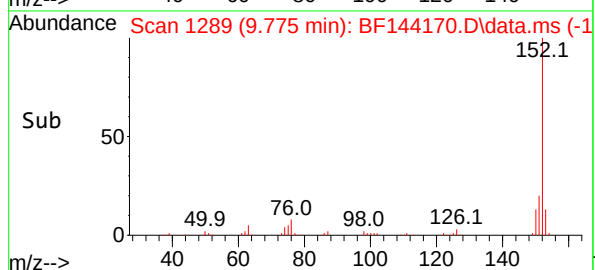
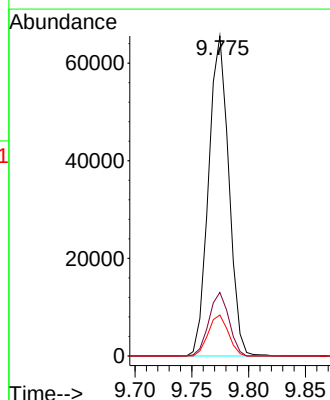
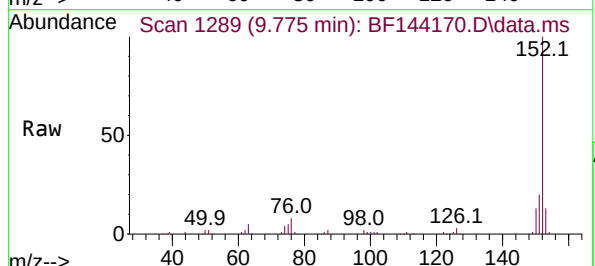
RT: 9.775 min Scan# 1289

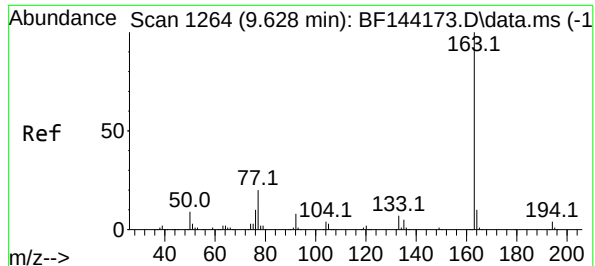
Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

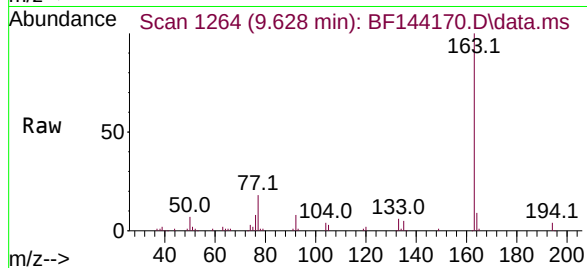
Tgt Ion:	152	Resp:	81168
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.9	23.9
153	12.8	10.5	15.7





#50
Dimethylphthalate
Concen: 5.423 ng
RT: 9.628 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

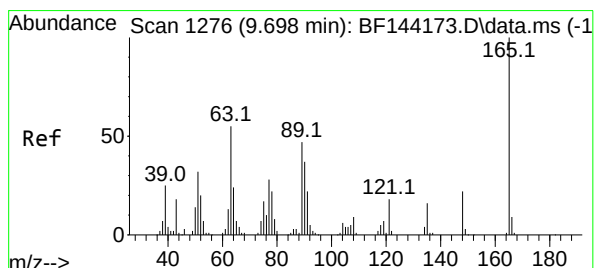
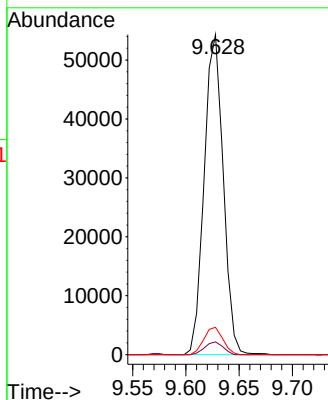
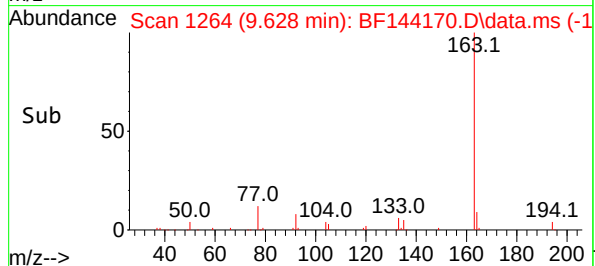
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



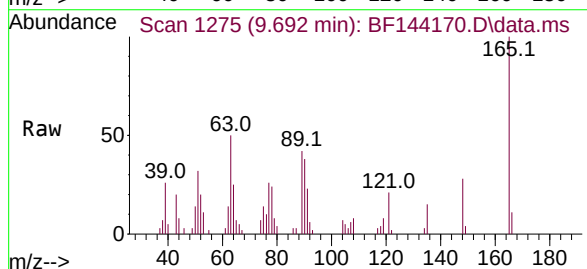
Tgt Ion:163 Resp: 67538
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 8.5 8.1 12.1

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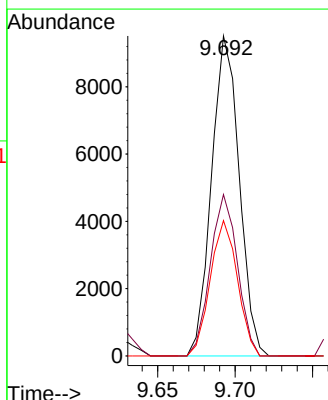
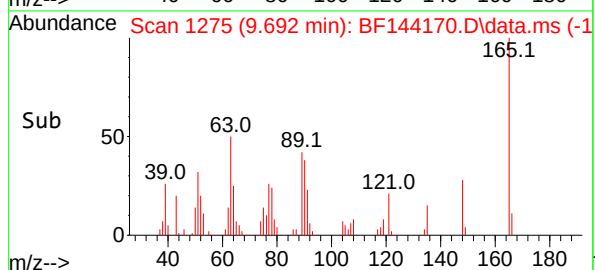
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

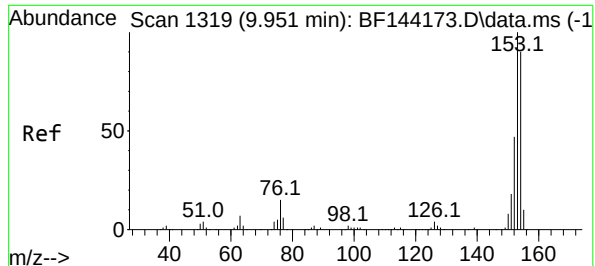


#51
2,6-Dinitrotoluene
Concen: 4.684 ng
RT: 9.692 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:165 Resp: 11809
Ion Ratio Lower Upper
165 100
63 50.5 43.8 65.8
89 42.3 37.5 56.3





#52
Acenaphthene
Concen: 5.241 ng
RT: 9.945 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

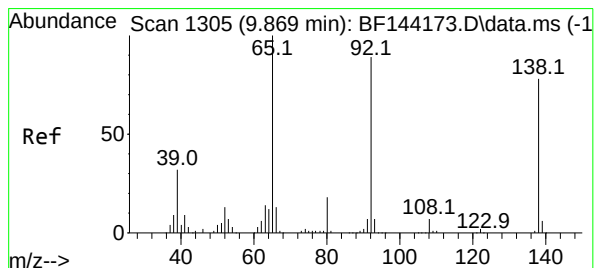
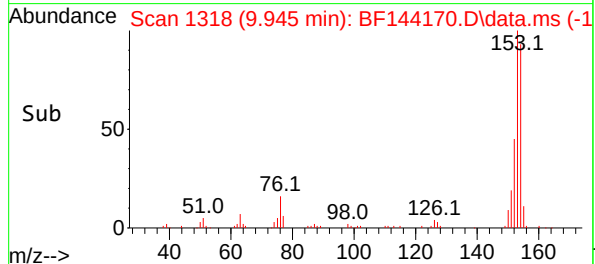
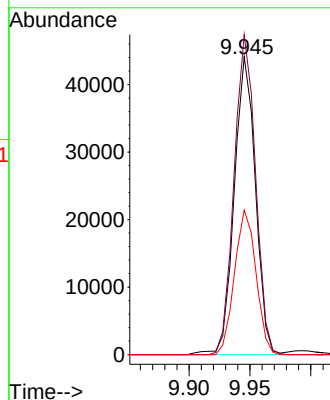
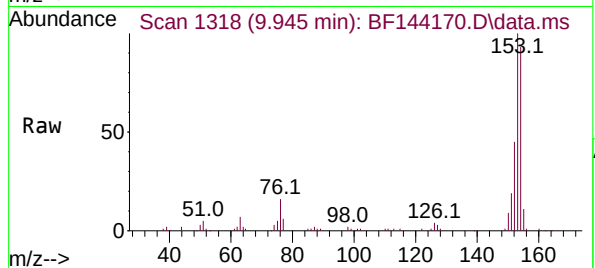
SSTDICC005

Tgt Ion:154 Resp: 53468
Ion Ratio Lower Upper
154 100
153 107.4 89.0 133.4
152 48.5 42.2 63.4

Manual Integrations

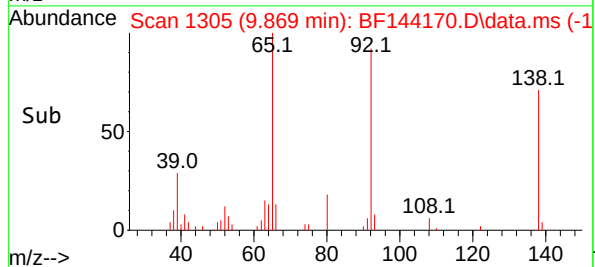
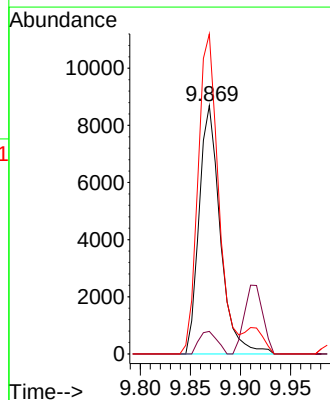
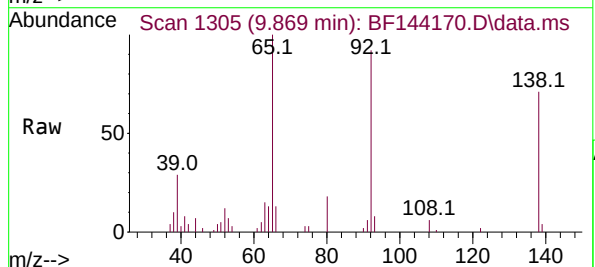
APPROVED

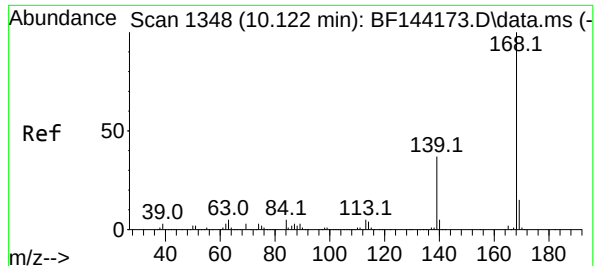
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#53
3-Nitroaniline
Concen: 4.626 ng
RT: 9.869 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:138 Resp: 12750
Ion Ratio Lower Upper
138 100
108 9.0 7.5 11.3
92 128.9 91.8 137.6





#55

Dibenzenofuran

Concen: 5.409 ng

RT: 10.116 min Scan# 1347

Delta R.T. -0.012 min

Lab File: BF144170.D

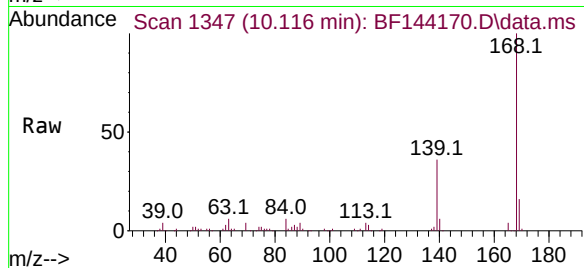
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



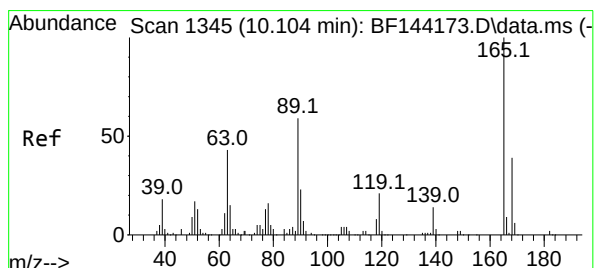
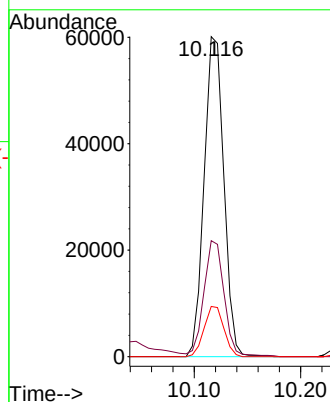
Tgt Ion:168	Resp:	77278
Ion Ratio	Lower	Upper
168	100	
139	36.2	30.2 45.2
169	15.7	12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#57

2,4-Dinitrotoluene

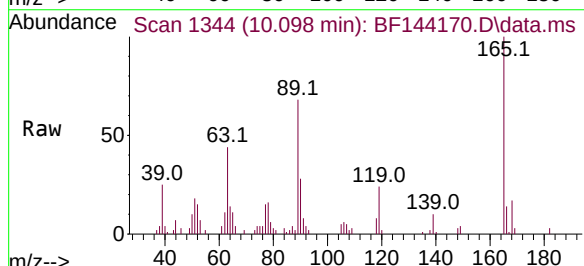
Concen: 4.485 ng

RT: 10.098 min Scan# 1344

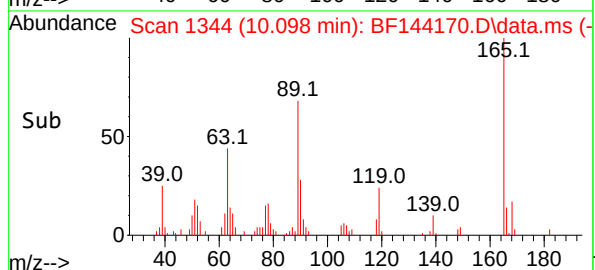
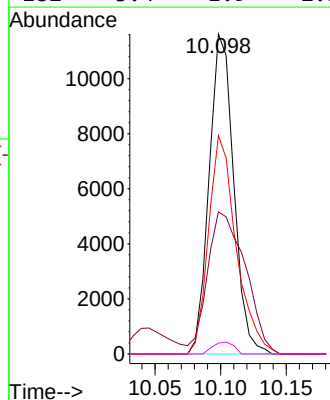
Delta R.T. -0.012 min

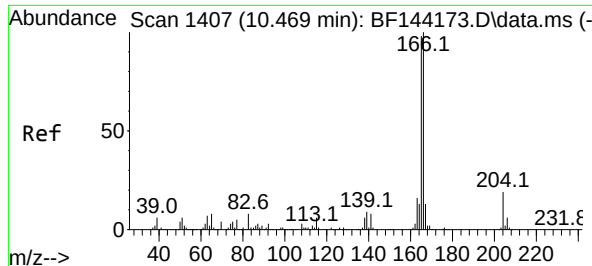
Lab File: BF144170.D

Acq: 05 Nov 2025 13:20



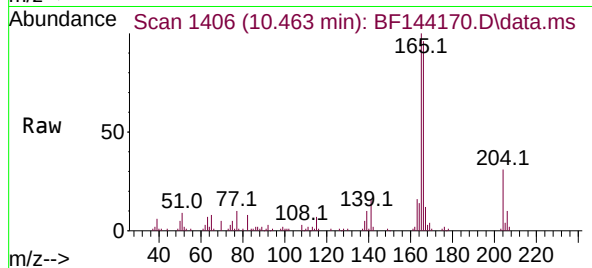
Tgt Ion:165	Resp:	15136
Ion Ratio	Lower	Upper
165	100	
63	44.4	35.5 53.3
89	68.2	47.4 71.2
182	3.4	1.9 2.9





#58
Fluorene
Concen: 5.605 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

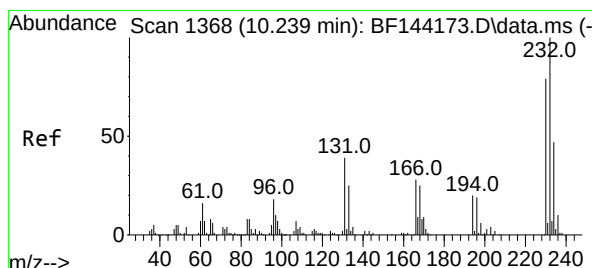
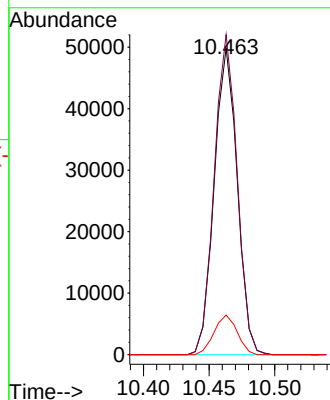
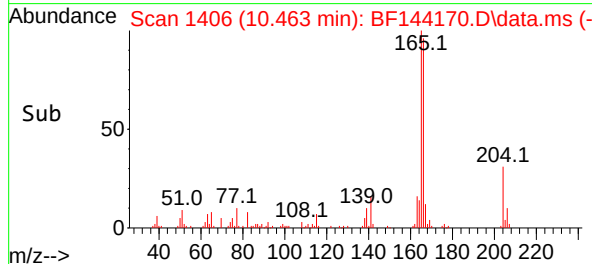
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:166 Resp: 60881
Ion Ratio Lower Upper
166 100
165 104.5 78.6 118.0
167 12.9 10.4 15.6

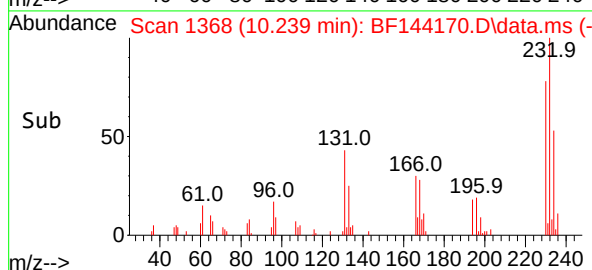
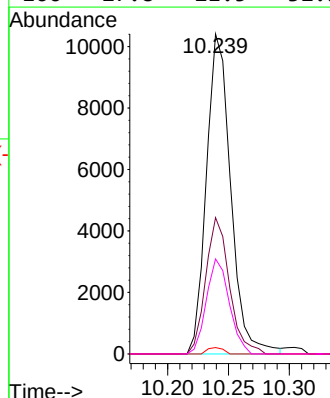
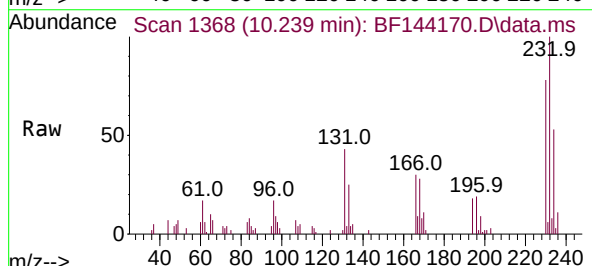
Manual Integrations
APPROVED

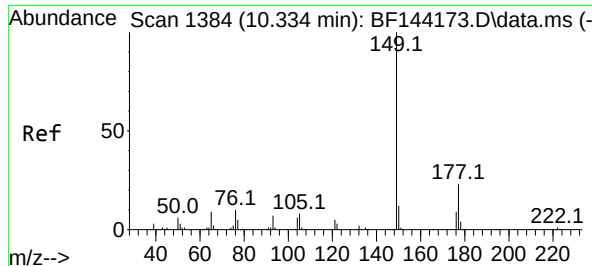
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.525 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:232 Resp: 14470
Ion Ratio Lower Upper
232 100
131 41.4 30.3 45.5
130 1.3 1.2 1.8
166 27.8 21.5 32.3





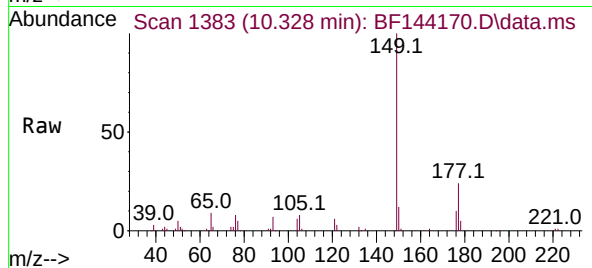
#60
Diethylphthalate
Concen: 5.297 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

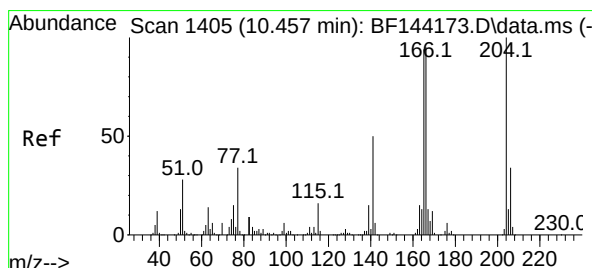
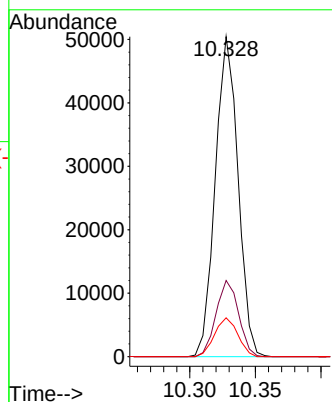
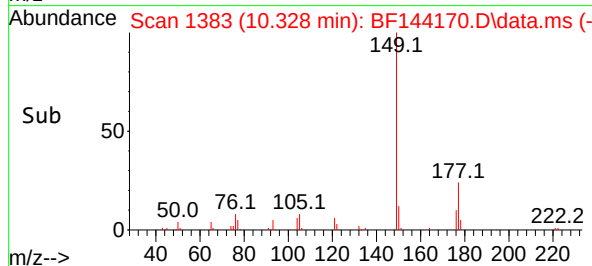


Tgt Ion:149 Resp: 60815
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.1 9.8 14.6

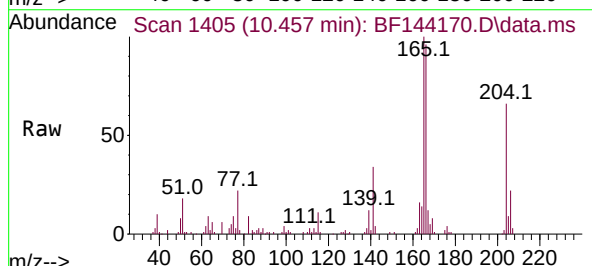
Manual Integrations

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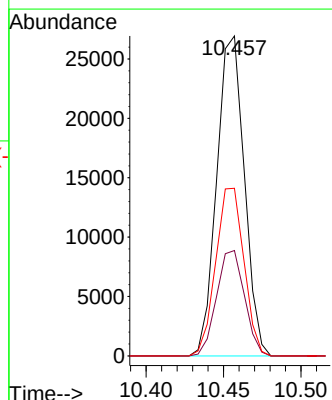
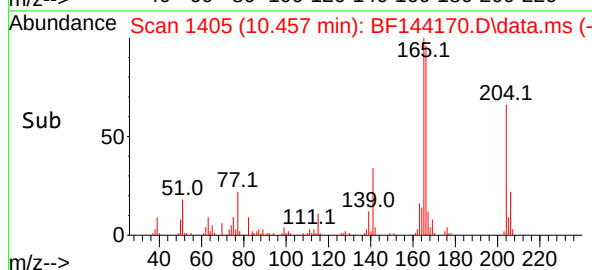
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

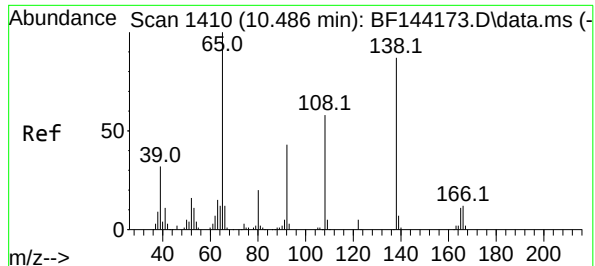


#61
4-Chlorophenyl-phenylether
Concen: 5.401 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



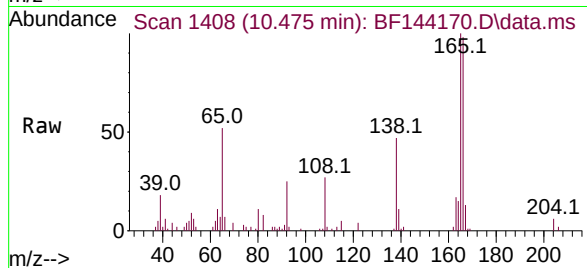
Tgt Ion:204 Resp: 33416
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 52.4 40.0 60.0





#62
4-Nitroaniline
Concen: 4.895 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

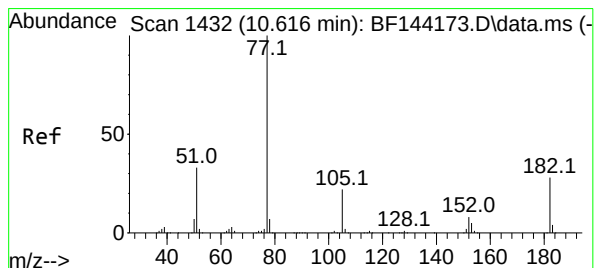
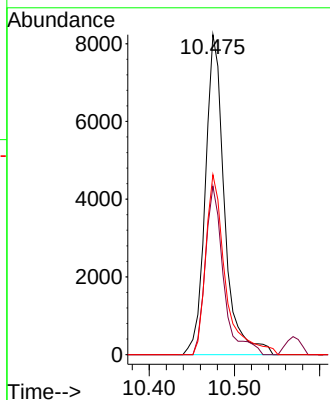
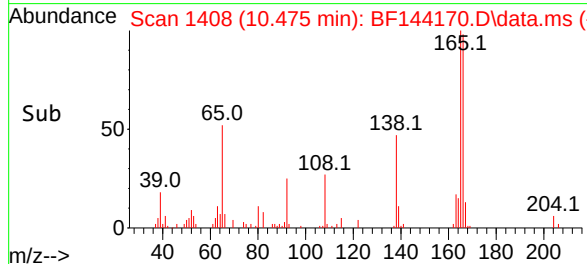
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:138 Resp: 1284
Ion Ratio Lower Upper
138 100
92 52.6 29.4 69.4
108 56.2 46.4 86.4

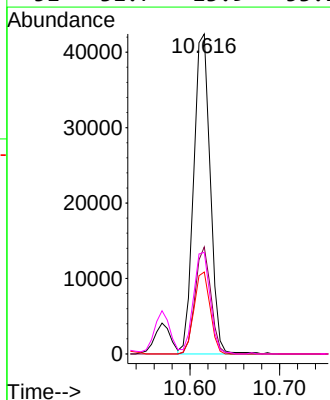
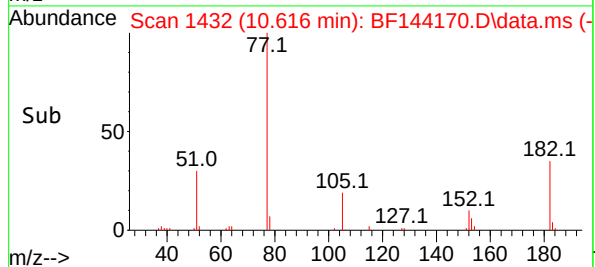
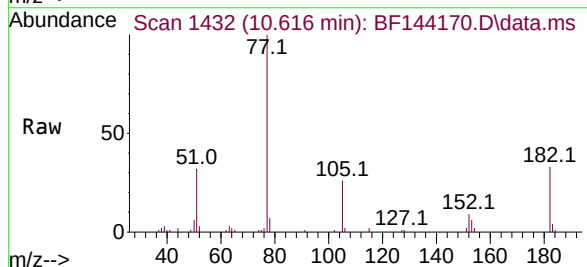
Manual Integrations
APPROVED

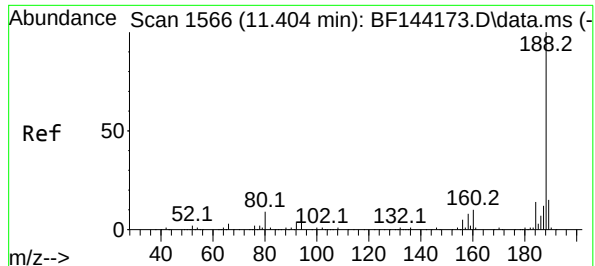
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#63
Azobenzene
Concen: 5.089 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

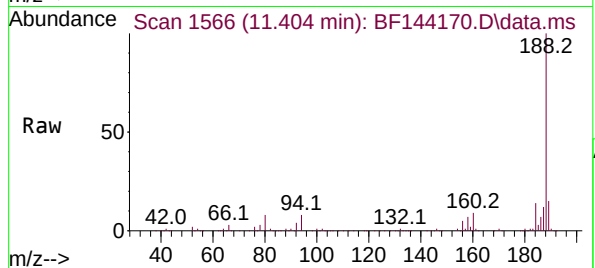
Tgt Ion: 77 Resp: 54383
Ion Ratio Lower Upper
77 100
182 33.4 8.1 48.1
105 25.6 2.0 42.0
51 31.7 13.9 53.9





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

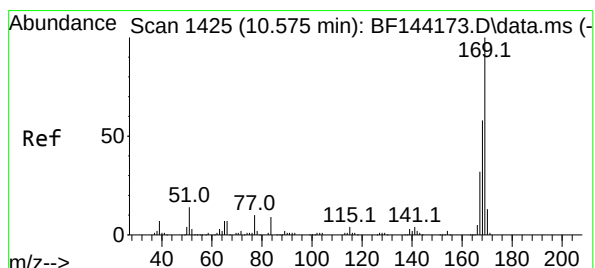
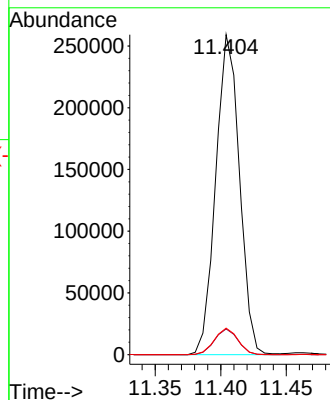
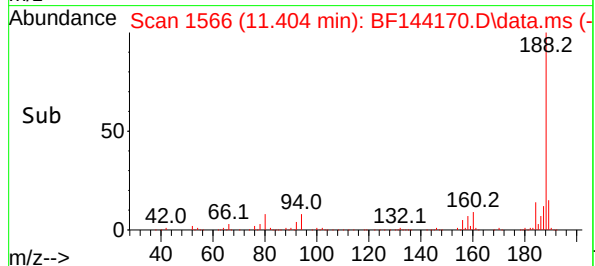
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



Tgt Ion:188 Resp: 32656
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 8.3 6.9 10.3

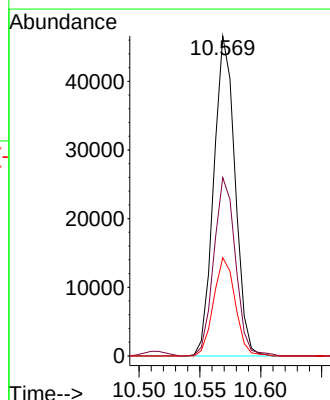
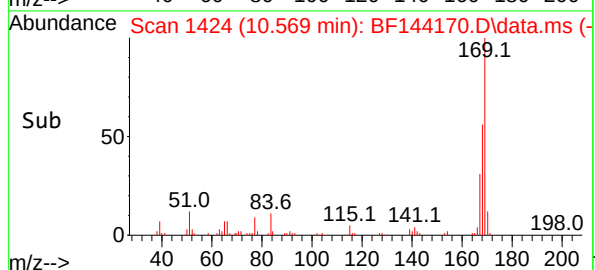
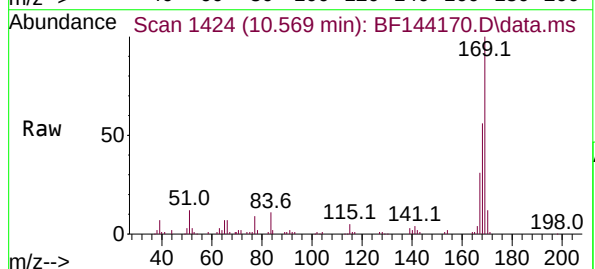
Manual Integrations
APPROVED

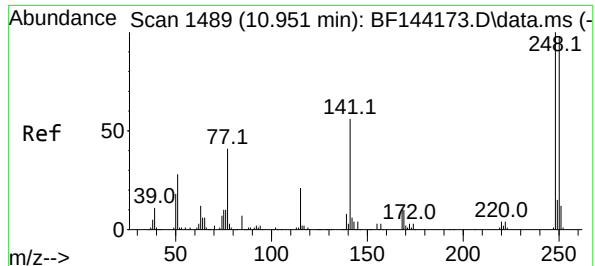
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#66
n-Nitrosodiphenylamine
Concen: 5.401 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

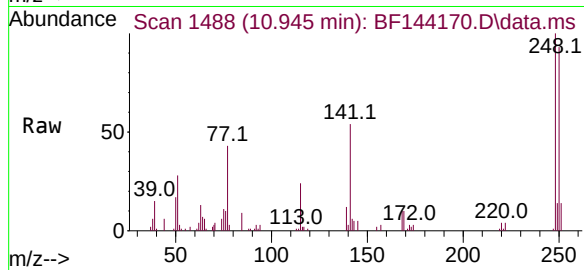
Tgt Ion:169 Resp: 56733
Ion Ratio Lower Upper
169 100
168 55.7 46.2 69.2
167 30.7 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 5.169 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

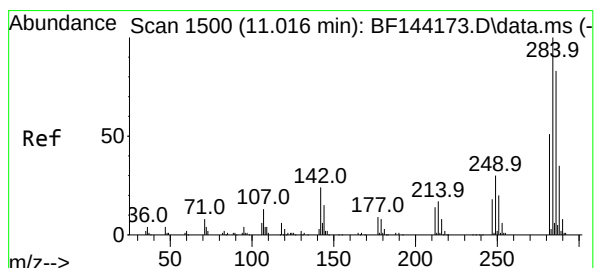
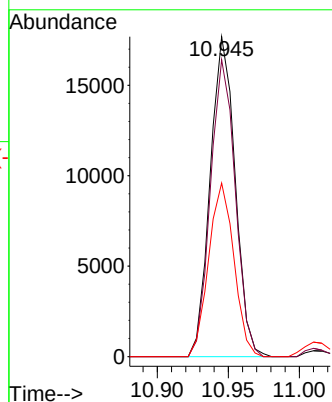
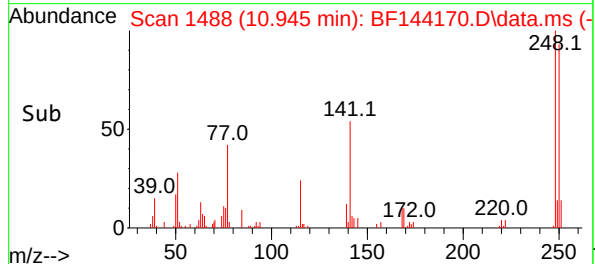
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



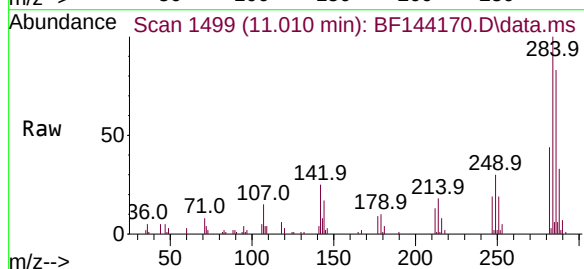
Tgt Ion:248 Resp: 2154
Ion Ratio Lower Upper
248 100
250 92.8 78.4 117.6
141 54.2 45.1 67.7

Manual Integrations
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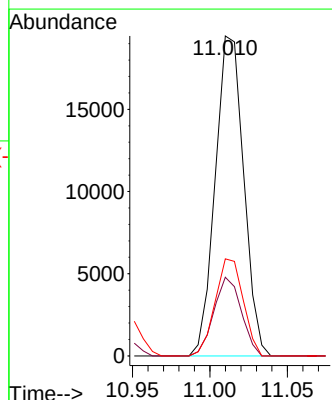
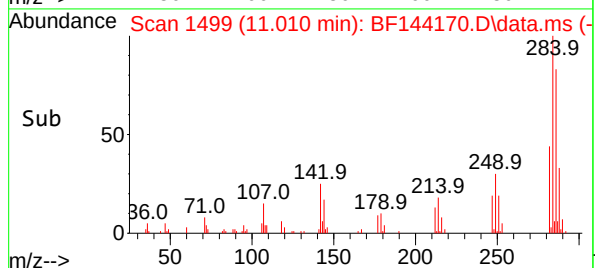
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

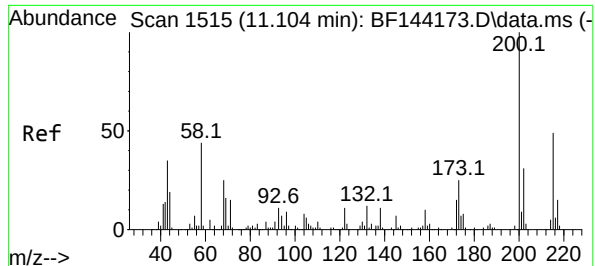


#68
Hexachlorobenzene
Concen: 5.082 ng
RT: 11.010 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:284 Resp: 24951
Ion Ratio Lower Upper
284 100
142 24.6 19.2 28.8
249 30.3 23.8 35.8





#69

Atrazine

Concen: 5.253 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:200 Resp: 17546

Ion Ratio Lower Upper

200 100

173 29.3 5.0 45.0

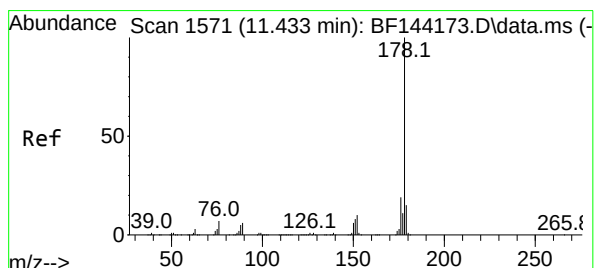
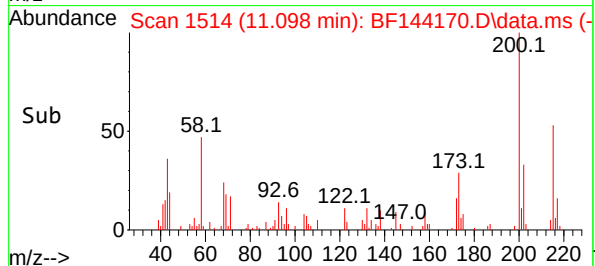
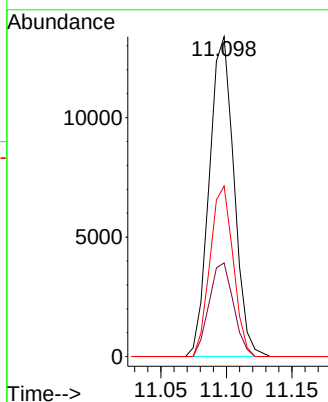
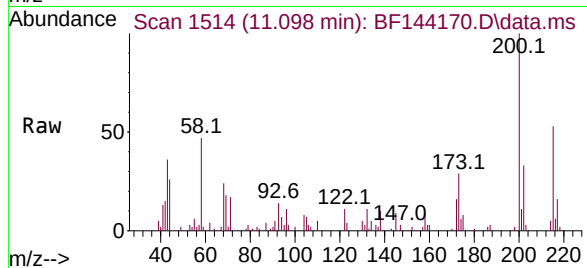
215 53.3 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#71

Phenanthrene

Concen: 5.537 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

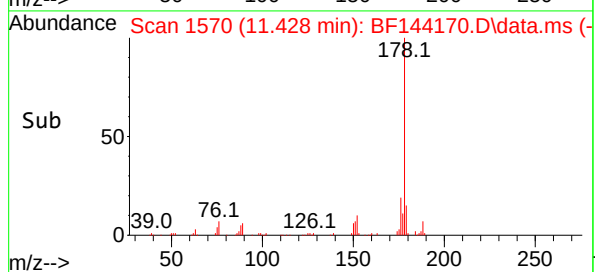
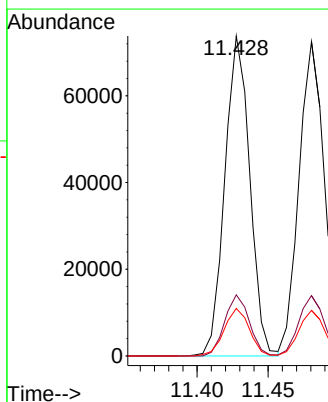
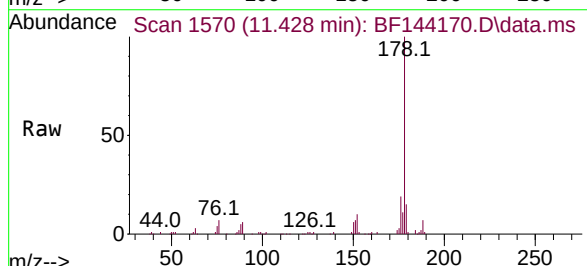
Tgt Ion:178 Resp: 90035

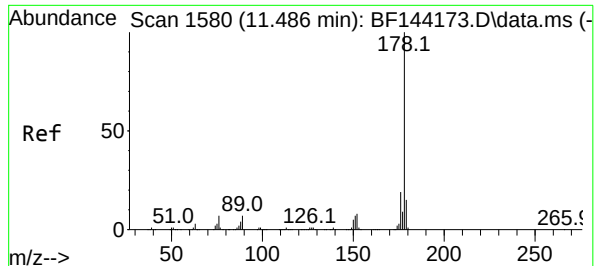
Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

179 14.8 12.2 18.4





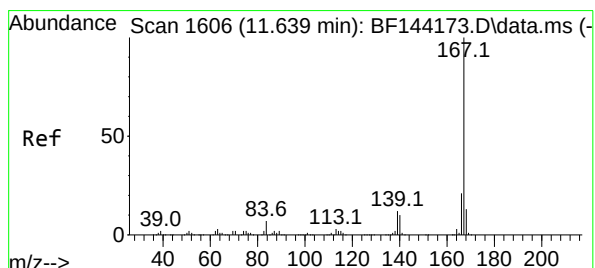
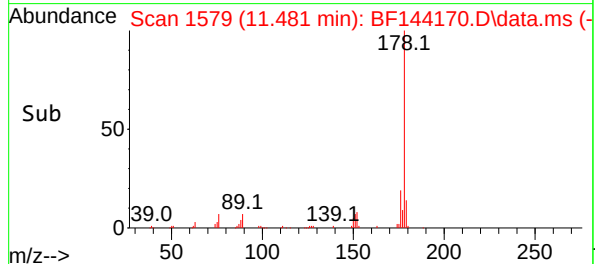
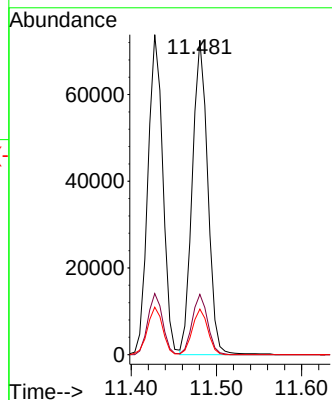
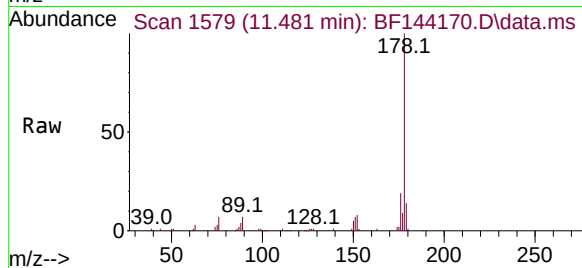
#72
Anthracene
Concen: 5.529 ng
RT: 11.481 min Scan# 11416
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Tgt Ion:178 Resp: 91416
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 14.5 12.0 18.0

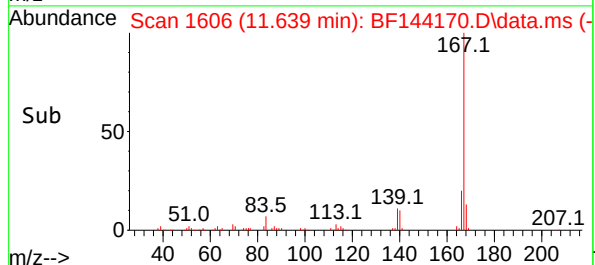
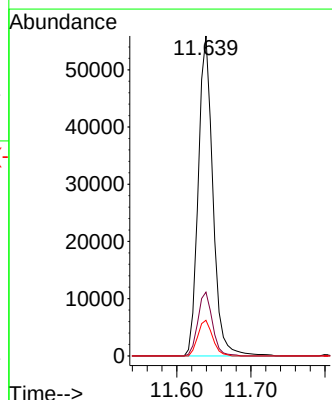
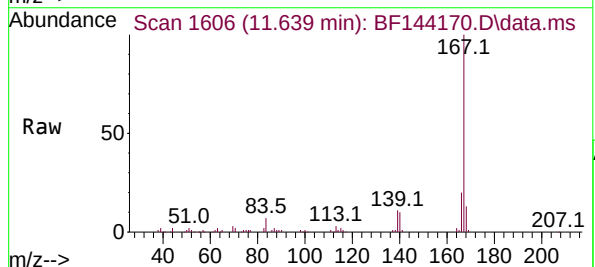
Manual Integrations
APPROVED

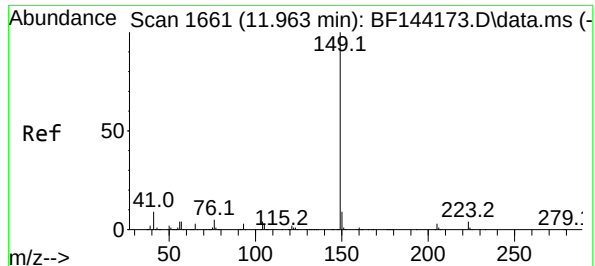
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#73
Carbazole
Concen: 5.449 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

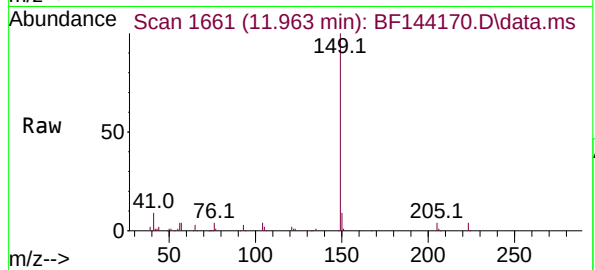
Tgt Ion:167 Resp: 76605
Ion Ratio Lower Upper
167 100
166 19.9 17.2 25.8
139 11.1 9.9 14.9





#74
Di-n-butylphthalate
Concen: 5.163 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

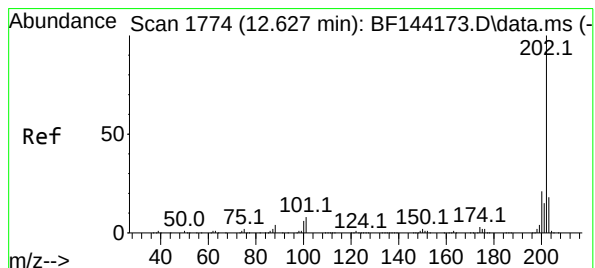
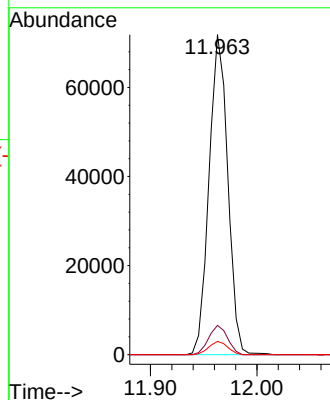
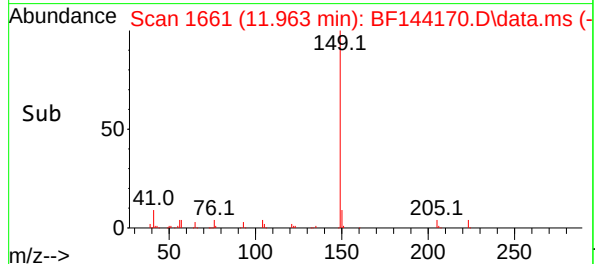
Instrument :
BNA_F
ClientSampleId :
SSTDICC005



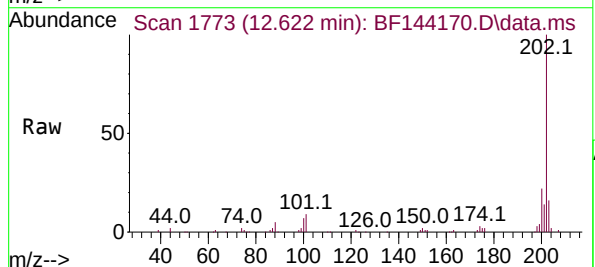
Tgt Ion:149 Resp: 8775
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.1 3.4 5.2

Manual Integrations
APPROVED

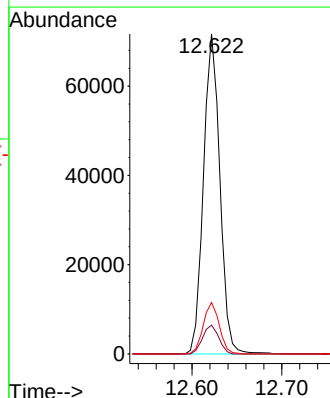
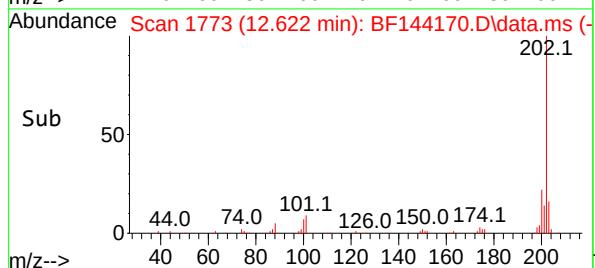
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

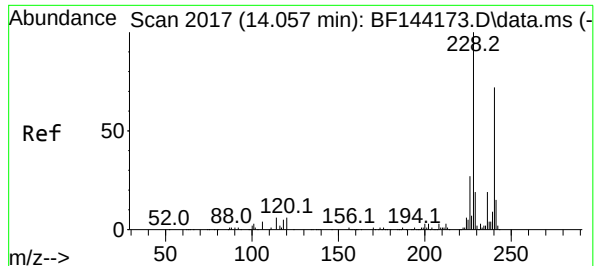


#75
Fluoranthene
Concen: 5.430 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20



Tgt Ion:202 Resp: 91198
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.9
203 16.1 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:240 Resp: 215706

Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

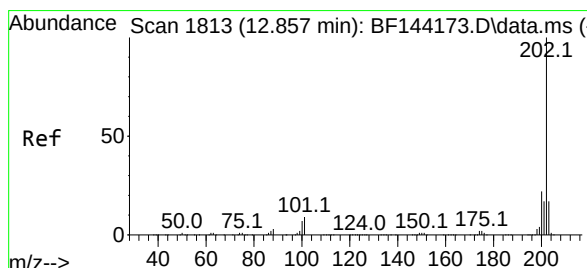
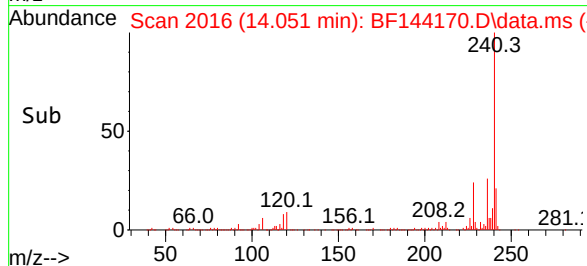
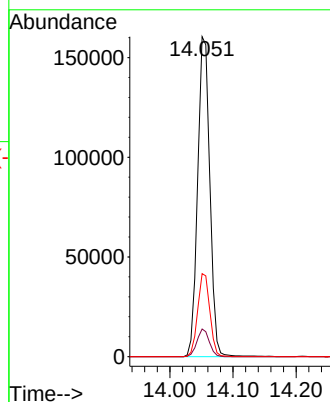
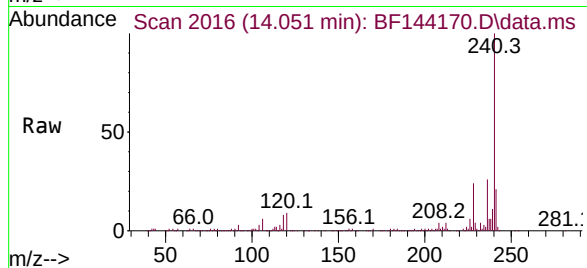
236 25.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#78

Pyrene

Concen: 5.465 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

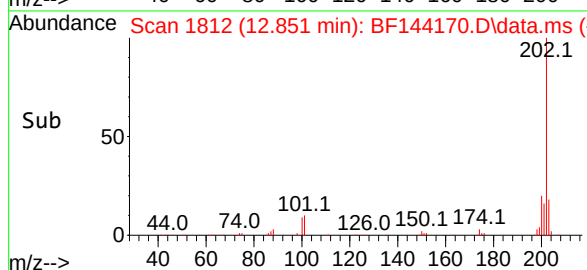
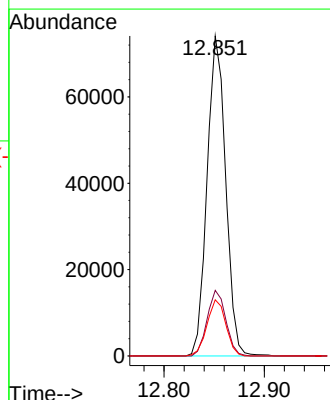
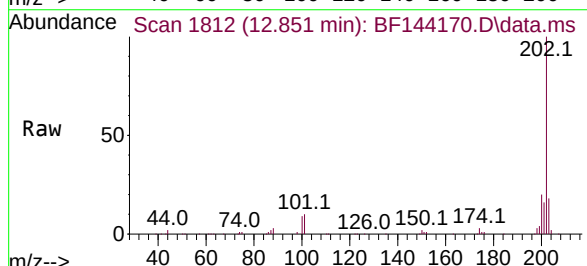
Tgt Ion:202 Resp: 95053

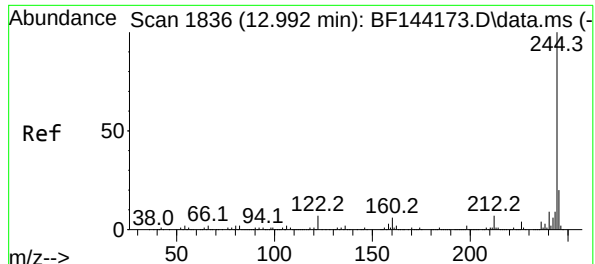
Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 11.145 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:244 Resp: 15134

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

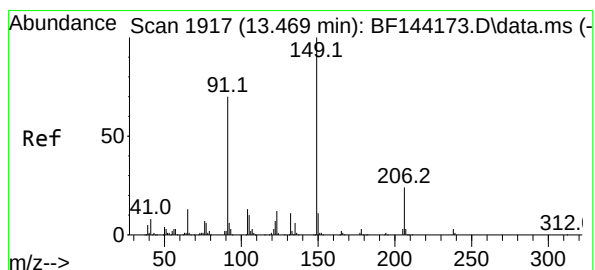
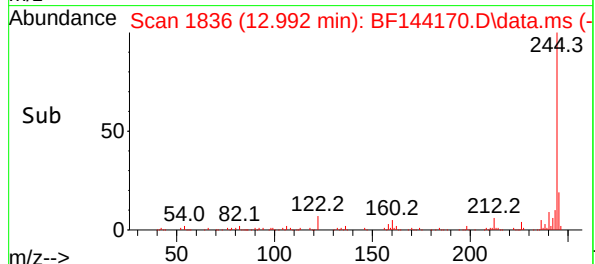
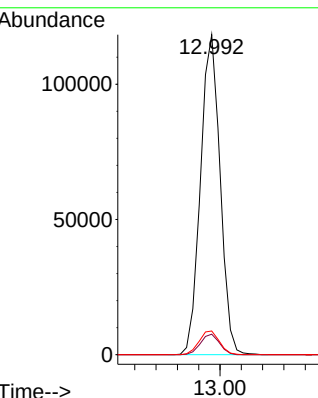
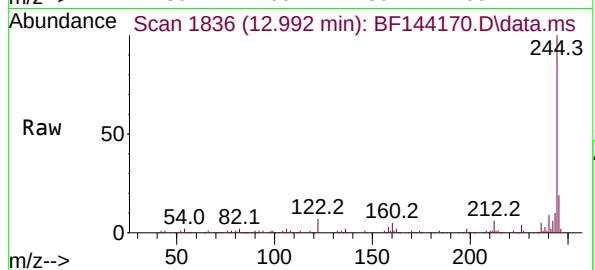
122 7.4 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#80

Butylbenzylphthalate

Concen: 5.056 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

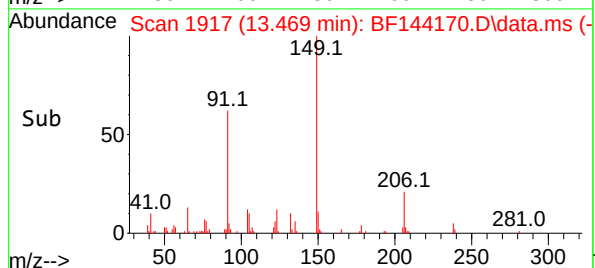
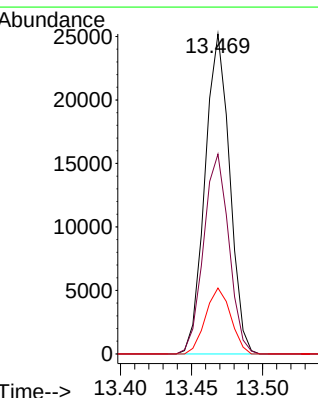
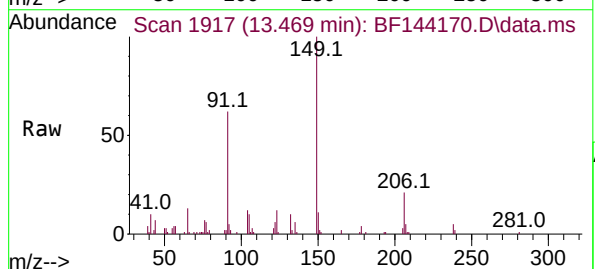
Tgt Ion:149 Resp: 30478

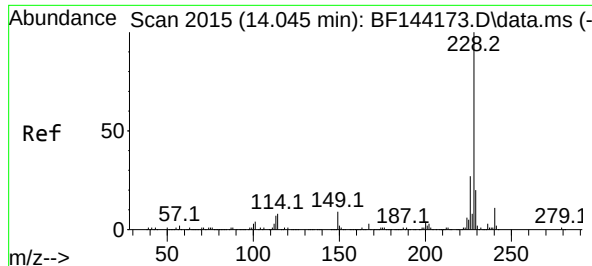
Ion Ratio Lower Upper

149 100

91 62.4 56.1 84.1

206 20.6 18.8 28.2





#81

Benzo(a)anthracene

Concen: 5.249 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144170.D

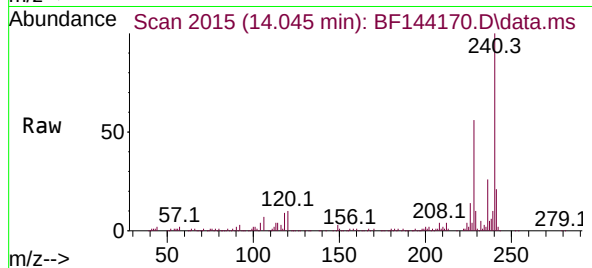
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005



Tgt Ion:228 Resp: 78472

Ion Ratio Lower Upper

228 100

226 25.0 21.8 32.8

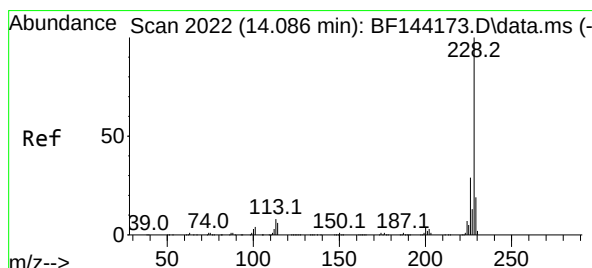
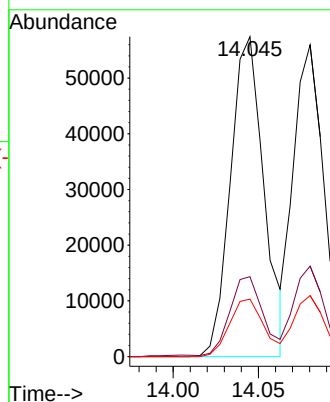
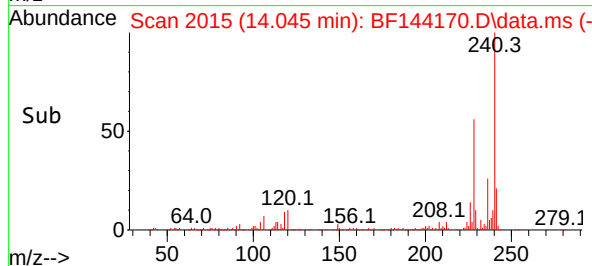
229 18.0 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#83

Chrysene

Concen: 4.986 ng

RT: 14.080 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

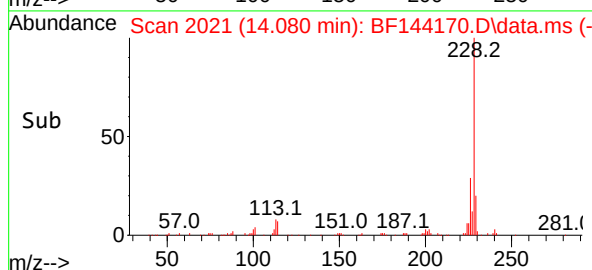
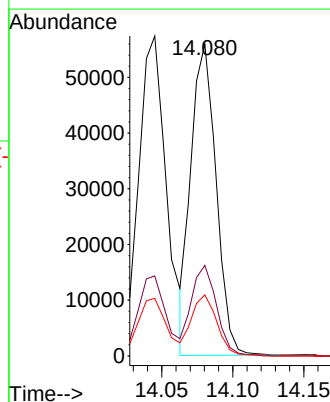
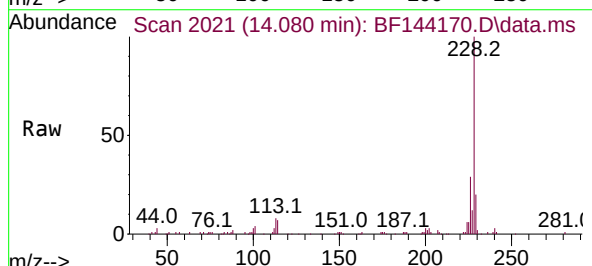
Tgt Ion:228 Resp: 68808

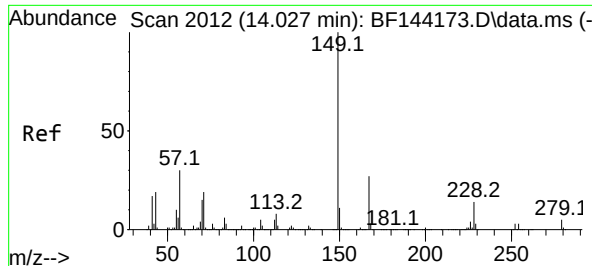
Ion Ratio Lower Upper

228 100

226 29.1 22.9 34.3

229 19.6 15.0 22.6





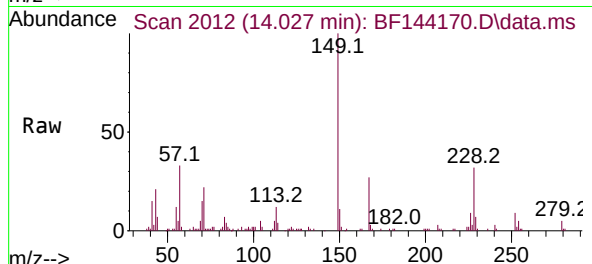
#84
Bis(2-ethylhexyl)phthalate
Concen: 5.054 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

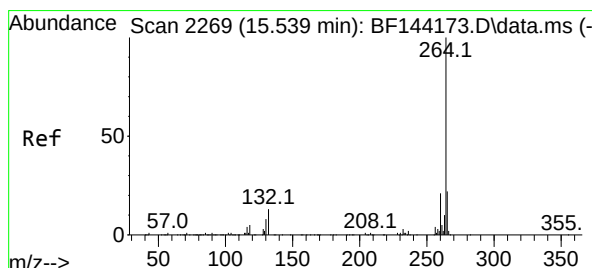
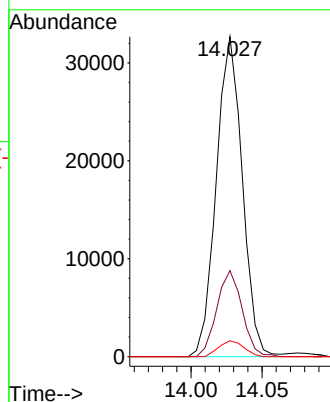
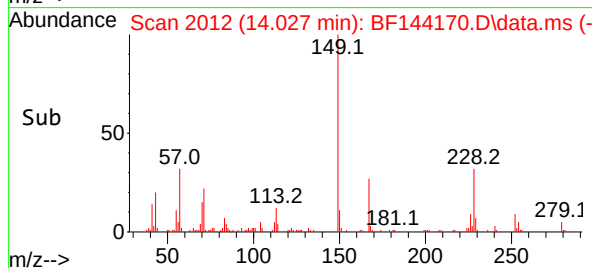


Tgt Ion:149 Resp: 41706
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.8
279 4.9 3.7 5.5

Manual Integrations

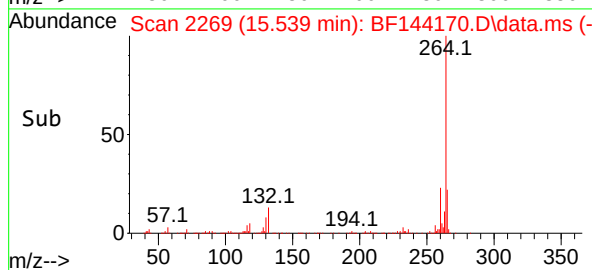
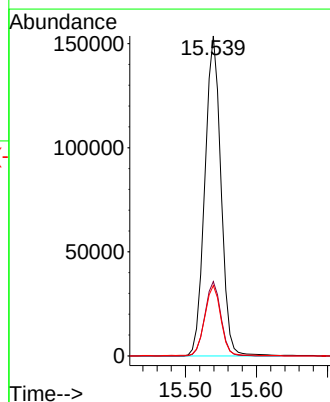
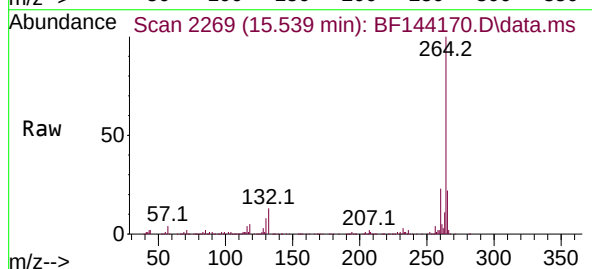
APPROVED

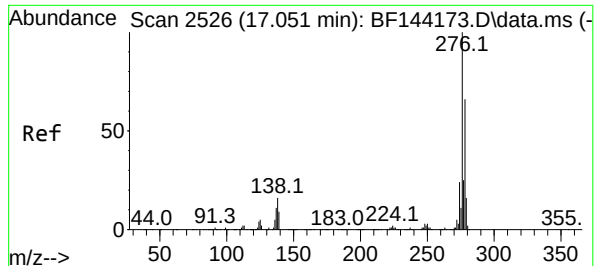
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144170.D
Acq: 05 Nov 2025 13:20

Tgt Ion:264 Resp: 241361
Ion Ratio Lower Upper
264 100
260 23.2 17.1 25.7
265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.049 ng

RT: 17.033 min Scan# 2194

Delta R.T. -0.029 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:276 Resp: 87482

Ion Ratio Lower Upper

276 100

138 18.9 13.9 20.9

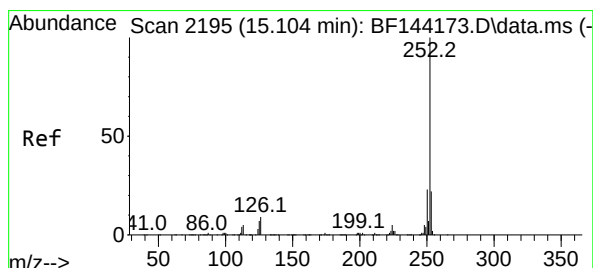
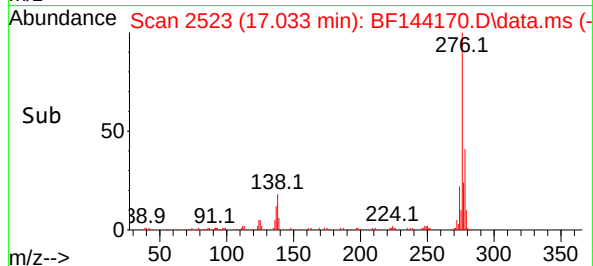
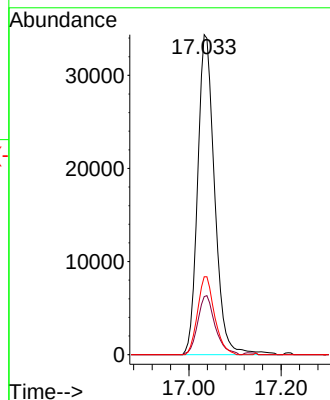
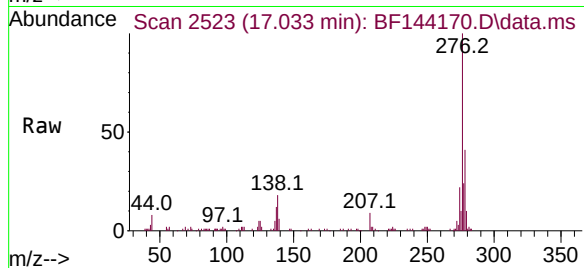
277 24.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#88

Benzo(b)fluoranthene

Concen: 5.273 ng m

RT: 15.098 min Scan# 2194

Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

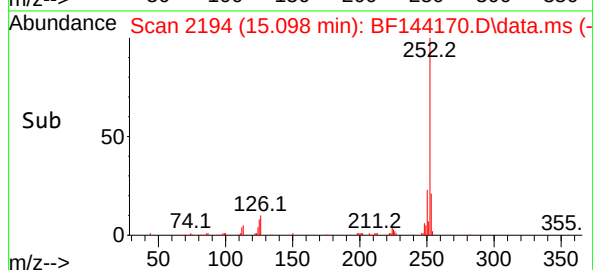
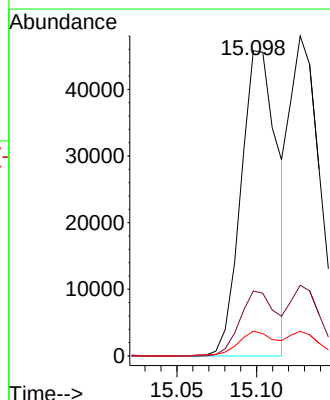
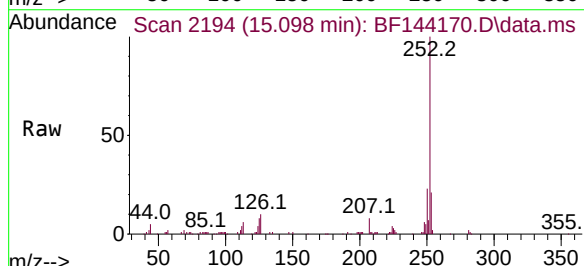
Tgt Ion:252 Resp: 72360

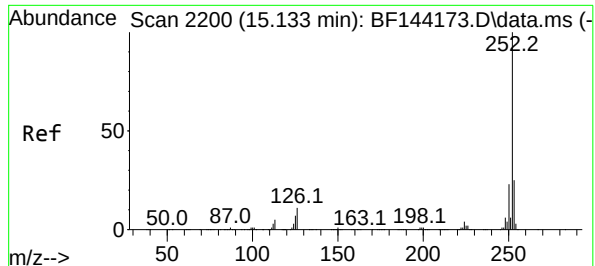
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 8.1 5.3 7.9#





#89

Benzo(k)fluoranthene

Concen: 5.060 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

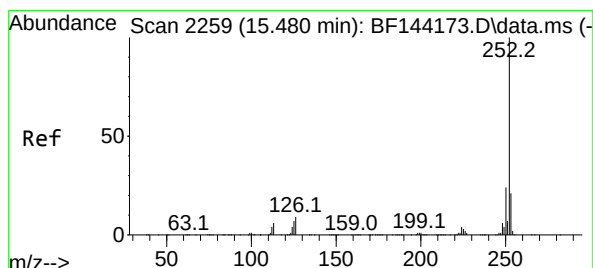
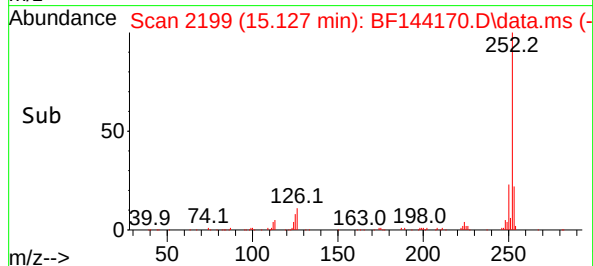
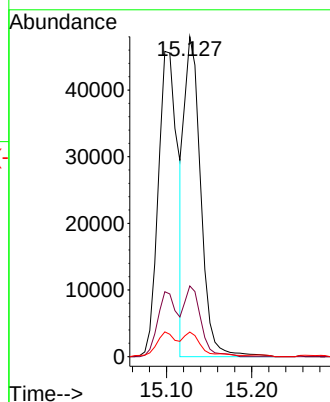
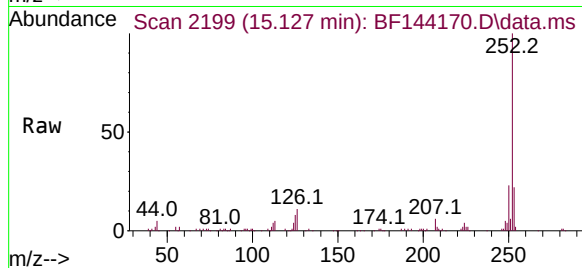
SSTDICC005

Tgt Ion:	252	Resp:	64984
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	7.7	5.4	8.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#90

Benzo(a)pyrene

Concen: 5.071 ng

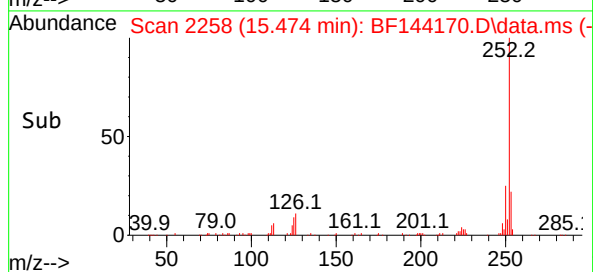
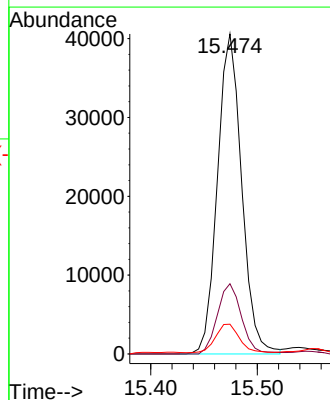
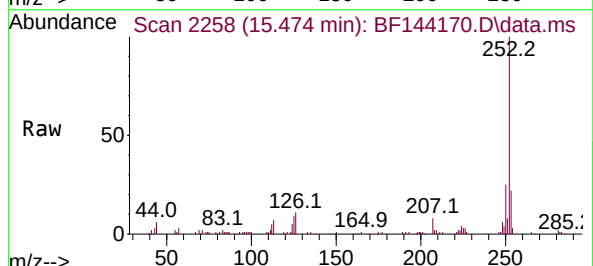
RT: 15.474 min Scan# 2258

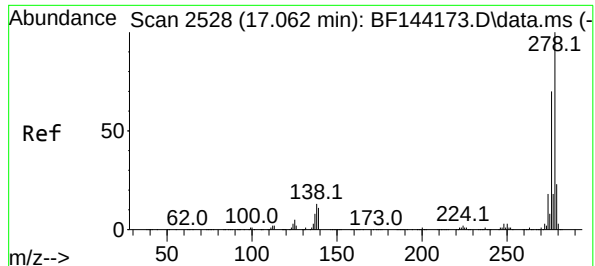
Delta R.T. -0.012 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Tgt Ion:	252	Resp:	64190
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.7	25.1
125	9.3	5.7	8.5





#91

Dibenzo(a,h)anthracene

Concen: 5.010 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC005

Tgt Ion:278 Resp: 69714

Ion Ratio Lower Upper

278 100

139 11.7 9.1 13.7

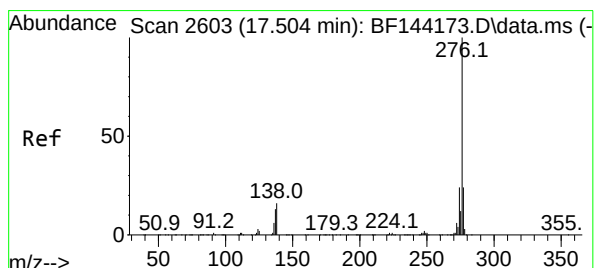
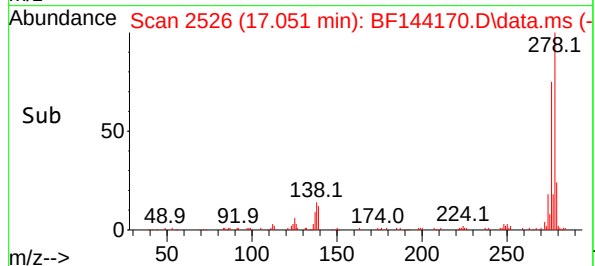
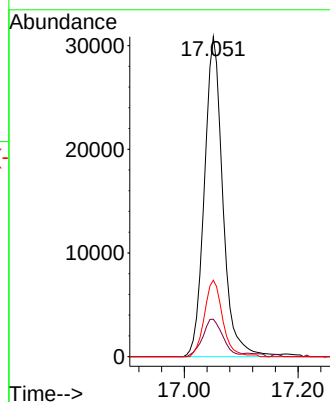
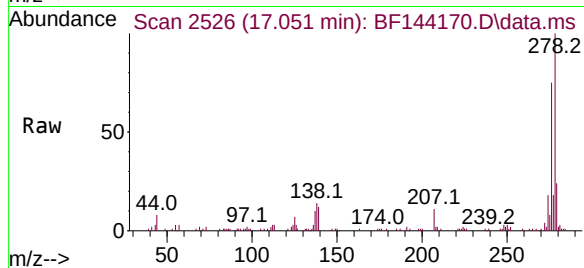
279 23.9 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#92

Benzo(g,h,i)perylene

Concen: 4.810 ng

RT: 17.492 min Scan# 2601

Delta R.T. -0.029 min

Lab File: BF144170.D

Acq: 05 Nov 2025 13:20

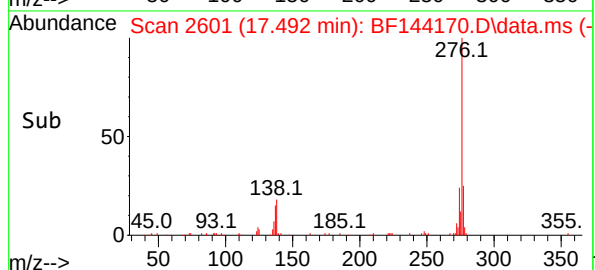
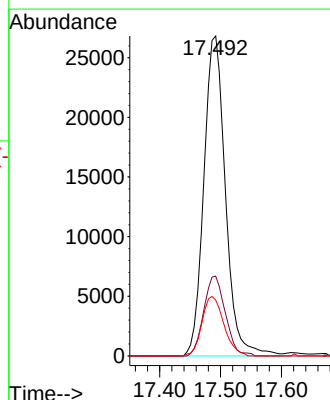
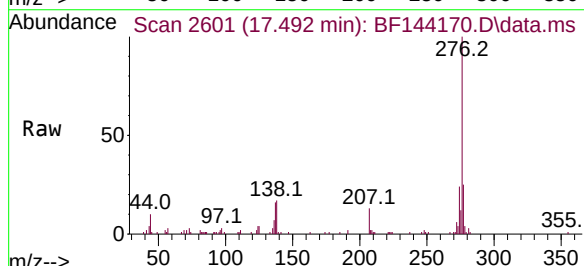
Tgt Ion:276 Resp: 66099

Ion Ratio Lower Upper

276 100

277 24.9 19.0 28.4

138 17.4 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144171.D
 Acq On : 05 Nov 2025 13:50
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Quant Time: Nov 05 17:23:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	112609	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	438512	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	261107	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	469428	20.000	ng	0.00
76) Chrysene-d12	14.057	240	296506	20.000	ng	0.00
86) Perylene-d12	15.539	264	311371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	146731	20.391	ng	0.00
7) Phenol-d6	6.498	99	170929	20.963	ng	-0.01
23) Nitrobenzene-d5	7.434	82	154488	20.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	66981	20.442	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	372845	21.090	ng	-0.01
79) Terphenyl-d14	12.992	244	419548	22.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	27411	9.214	ng	97
3) Pyridine	3.393	79	79148	9.536	ng	99
4) n-Nitrosodimethylamine	3.322	42	40456	9.331	ng	95
6) Aniline	6.534	93	122118	10.512	ng	98
8) 2-Chlorophenol	6.657	128	73729	10.448	ng	99
9) Benzaldehyde	6.422	77	58146	12.629	ng	98
10) Phenol	6.510	94	106765	10.717	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	75075	10.342	ng	98
12) 1,3-Dichlorobenzene	6.816	146	88594	10.174	ng	98
13) 1,4-Dichlorobenzene	6.893	146	87984	10.085	ng	96
14) 1,2-Dichlorobenzene	7.045	146	84997	10.165	ng	98
15) Benzyl Alcohol	7.010	79	64160	9.937	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	139062	10.403	ng	97
17) 2-Methylphenol	7.122	107	59368	10.575	ng	98
18) Hexachloroethane	7.387	117	28876	9.963	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	57621	10.735	ng	98
20) 3+4-Methylphenols	7.275	107	74874	11.314	ng	96
22) Acetophenone	7.281	105	101777	10.819	ng	97
24) Nitrobenzene	7.451	77	85567	10.380	ng	98
25) Isophorone	7.692	82	146541	10.204	ng	98
26) 2-Nitrophenol	7.769	139	41083	10.067	ng	97
27) 2,4-Dimethylphenol	7.804	122	60896	9.956	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	91497	10.202	ng	95
29) 2,4-Dichlorophenol	8.016	162	75032	10.643	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	76623	10.585	ng	94
31) Naphthalene	8.181	128	220903	10.590	ng	99
32) Benzoic acid	7.910	122	58822	13.120	ng	92
33) 4-Chloroaniline	8.228	127	79703	10.476	ng	97
34) Hexachlorobutadiene	8.292	225	54849	10.054	ng	96
35) Caprolactam	8.575	113	20560	10.645	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	67228	10.641	ng	96
37) 2-Methylnaphthalene	8.869	142	147427	10.571	ng	99
38) 1-Methylnaphthalene	8.969	142	149280	11.093	ng	97
40) 1,2,4,5-Tetrachloroben...	9.034	216	86408	10.098	ng	99
41) Hexachlorocyclopentadiene	9.022	237	15765	10.609	ng	93
43) 2,4,6-Trichlorophenol	9.145	196	58560	10.054	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144171.D
 Acq On : 05 Nov 2025 13:50
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

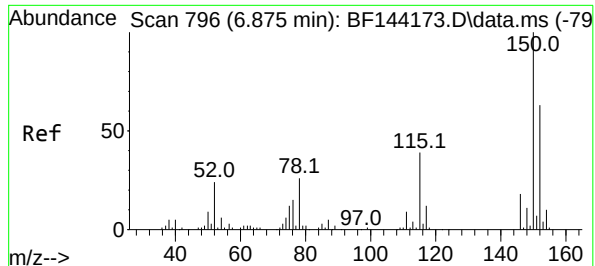
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	63779	10.160	ng	98
46) 1,1'-Biphenyl	9.334	154	188739	10.355	ng	99
47) 2-Chloronaphthalene	9.357	162	158745	10.211	ng	100
48) 2-Nitroaniline	9.457	65	45323	10.104	ng	97
49) Acenaphthylene	9.775	152	220118	10.390	ng	99
50) Dimethylphthalate	9.628	163	175284	10.133	ng	99
51) 2,6-Dinitrotoluene	9.692	165	35433	10.119	ng	98
52) Acenaphthene	9.945	154	151661	10.705	ng	99
53) 3-Nitroaniline	9.863	138	39270	10.259	ng	99
54) 2,4-Dinitrophenol	9.981	184	26319	12.447	ng	97
55) Dibenzofuran	10.122	168	208943	10.530	ng	99
56) 4-Nitrophenol	10.028	139	35627	12.867	ng	98
57) 2,4-Dinitrotoluene	10.098	165	49257	10.508	ng	# 98
58) Fluorene	10.463	166	159623	10.581	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	45333	10.207	ng	97
60) Diethylphthalate	10.328	149	166246	10.426	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	91478	10.645	ng	99
62) 4-Nitroaniline	10.475	138	37821	10.375	ng	98
63) Azobenzene	10.616	77	157098	10.586	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	34516	10.823	ng	99
66) n-Nitrosodiphenylamine	10.569	169	158661	10.509	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	60929	10.169	ng	96
68) Hexachlorobenzene	11.016	284	71759	10.168	ng	94
69) Atrazine	11.098	200	49466	10.302	ng	97
70) Pentachlorophenol	11.210	266	31673	9.012	ng	97
71) Phenanthrene	11.428	178	244478	10.460	ng	99
72) Anthracene	11.480	178	248511	10.457	ng	99
73) Carbazole	11.639	167	215269	10.652	ng	98
74) Di-n-butylphthalate	11.963	149	258464	10.580	ng	99
75) Fluoranthene	12.622	202	250112	10.359	ng	99
77) Benzidine	12.745	184	104876	11.958	ng	99
78) Pyrene	12.851	202	258743	10.823	ng	99
80) Butylbenzylphthalate	13.469	149	87462	10.556	ng	96
81) Benzo(a)anthracene	14.045	228	198590	9.664	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	67166	9.535	ng	97
83) Chrysene	14.080	228	184604	9.731	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	109593	9.662	ng	98
85) Di-n-octyl phthalate	14.645	149	172428	8.811	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	219736	9.831	ng	99
88) Benzo(b)fluoranthene	15.104	252	176369	9.963	ng	99
89) Benzo(k)fluoranthene	15.133	252	170386	10.283	ng	98
90) Benzo(a)pyrene	15.474	252	163529	10.013	ng	97
91) Dibenzo(a,h)anthracene	17.051	278	179793	10.016	ng	98
92) Benzo(g,h,i)perylene	17.492	276	175090	9.877	ng	100

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

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

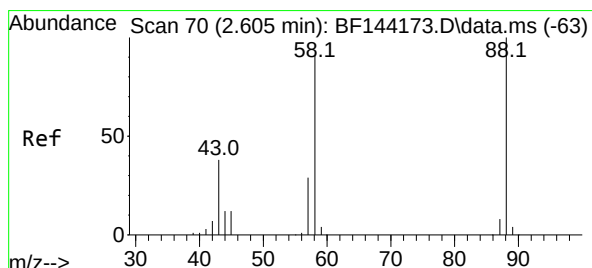
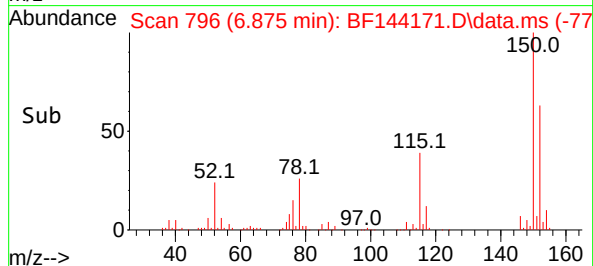
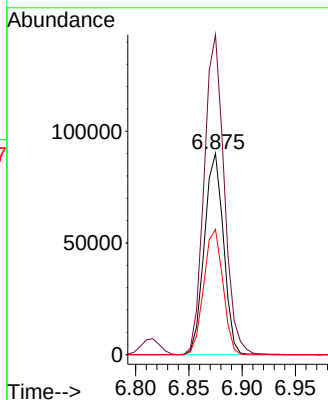
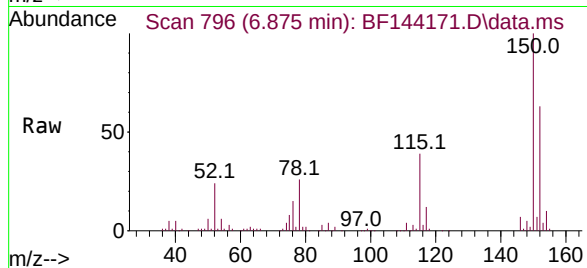
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

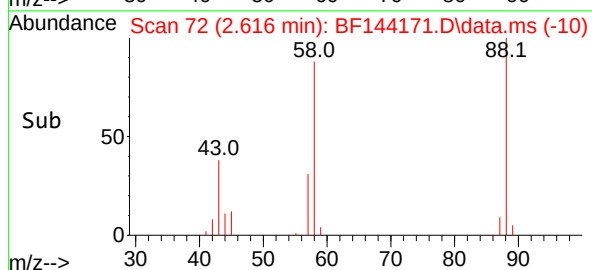
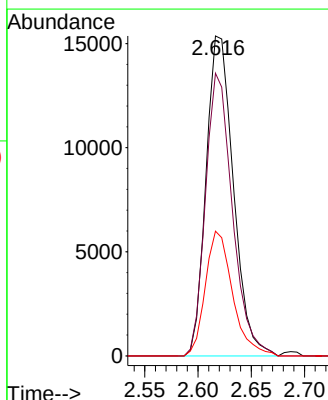
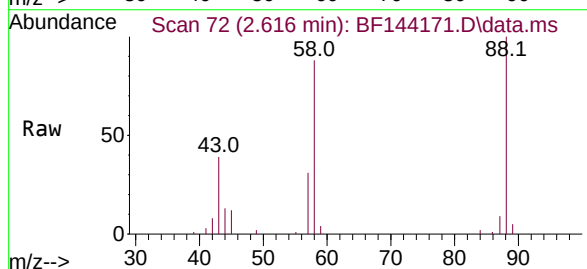
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

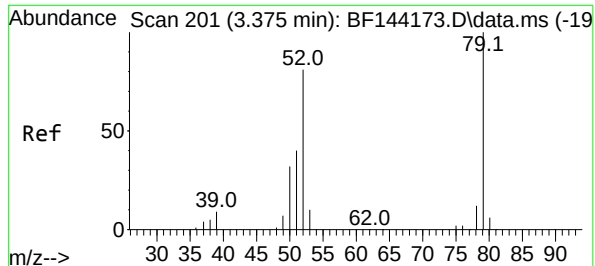
Tgt Ion:152 Resp: 112609
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.0
115 62.3 49.5 74.3



#2
1,4-Dioxane
Concen: 9.214 ng
RT: 2.616 min Scan# 72
Delta R.T. 0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 88 Resp: 27411
Ion Ratio Lower Upper
88 100
58 87.1 73.1 109.7
43 38.9 31.0 46.6

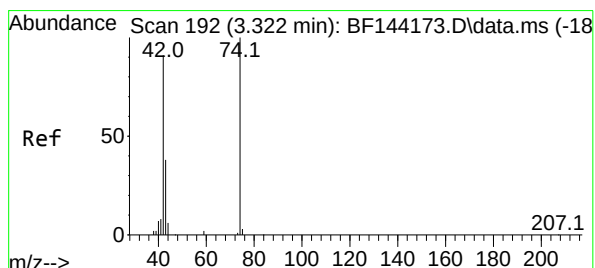
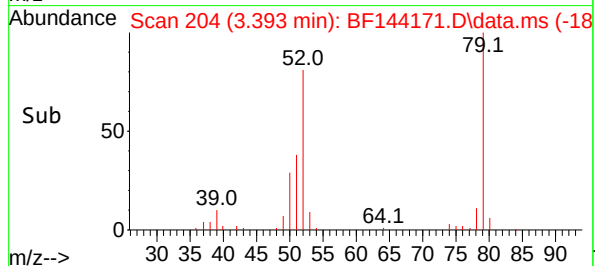
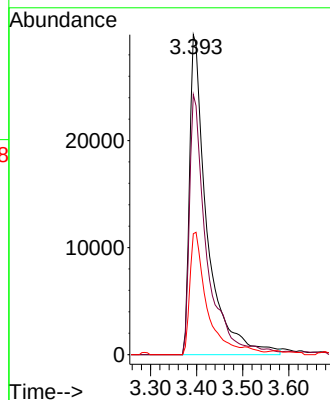
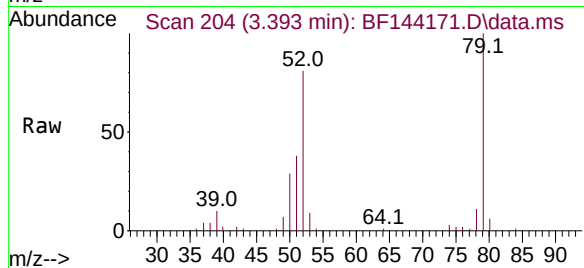




#3
Pyridine
Concen: 9.536 ng
RT: 3.393 min Scan# 201
Delta R.T. 0.018 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

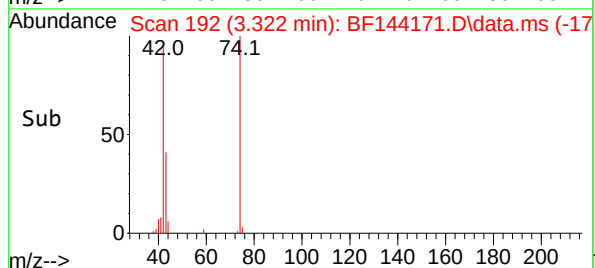
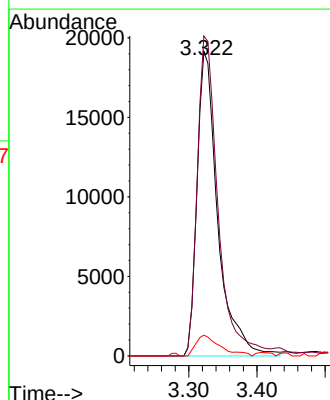
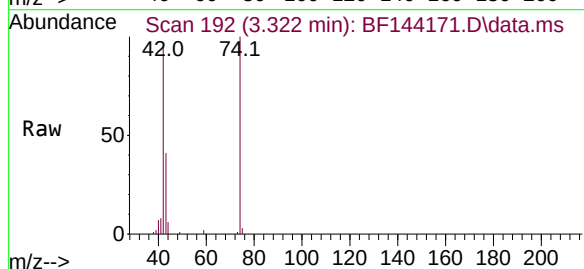
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

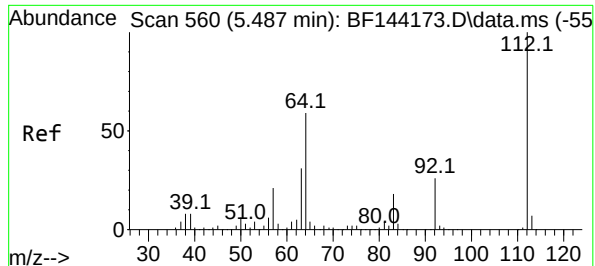
Tgt Ion	Ratio	Lower	Upper
79	100		
52	81.3	64.5	96.7
51	37.8	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 9.331 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.1	88.2	132.4
44	6.8	5.7	8.5



#5
2-Fluorophenol

Concen: 20.391 ng

RT: 5.487 min Scan# 50

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

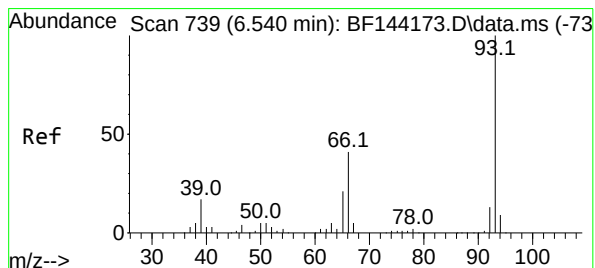
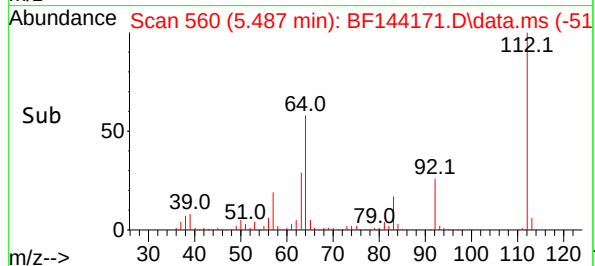
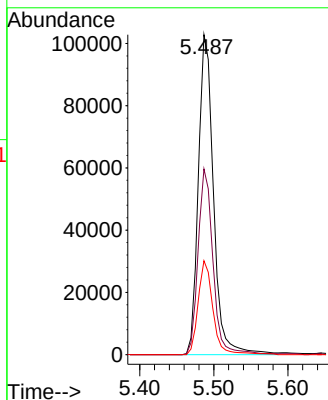
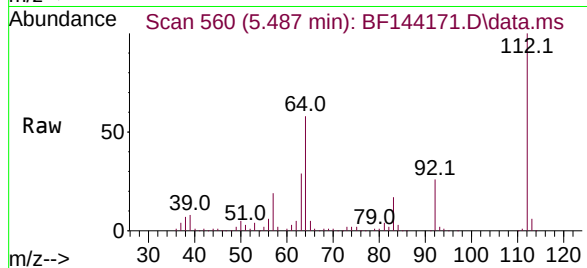
Tgt Ion:112 Resp: 146731

Ion Ratio Lower Upper

112 100

64 58.0 47.2 70.8

63 29.3 24.4 36.6



#6

Aniline

Concen: 10.512 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

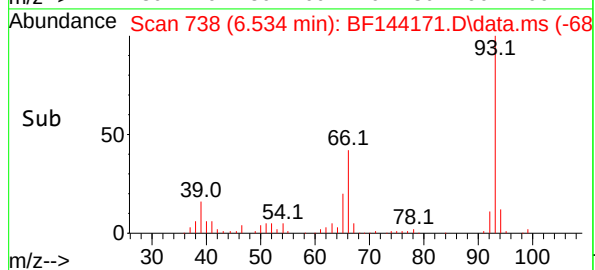
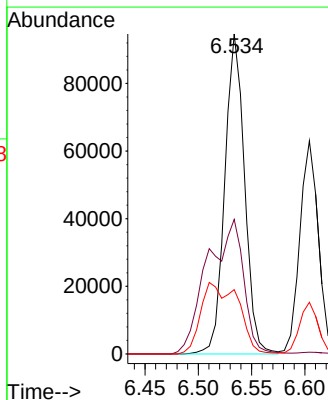
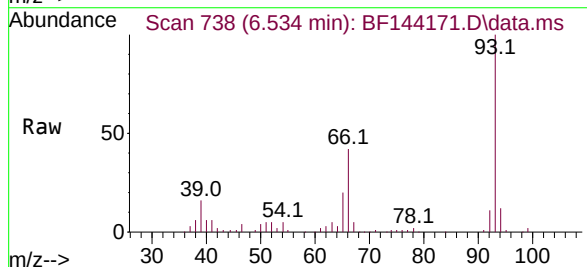
Tgt Ion: 93 Resp: 122118

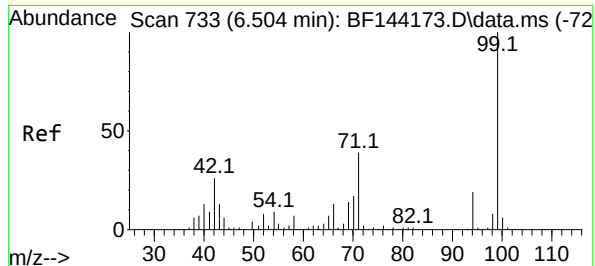
Ion Ratio Lower Upper

93 100

66 42.0 34.3 51.5

65 20.1 16.9 25.3





#7

Phenol-d6

Concen: 20.963 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

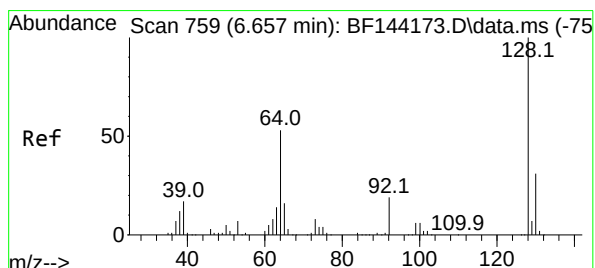
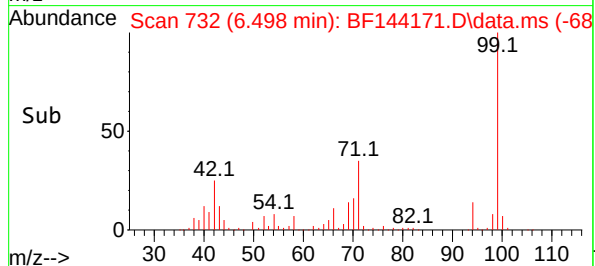
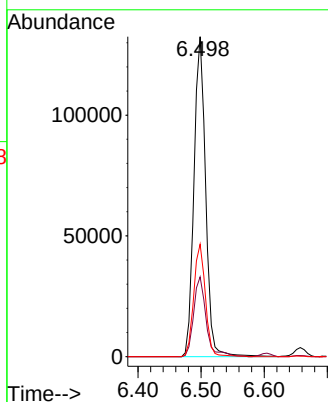
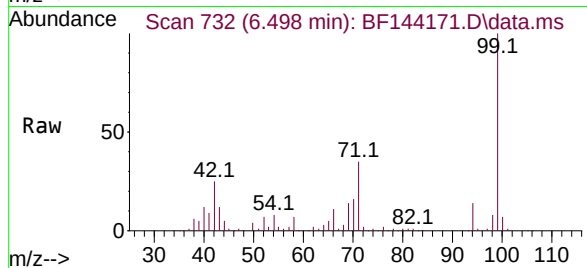
Tgt Ion: 99 Resp: 170929

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

71 35.1 31.4 47.2



#8

2-Chlorophenol

Concen: 10.448 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

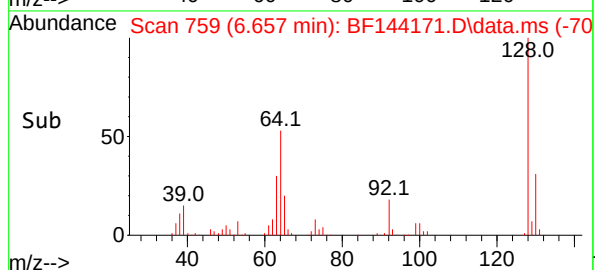
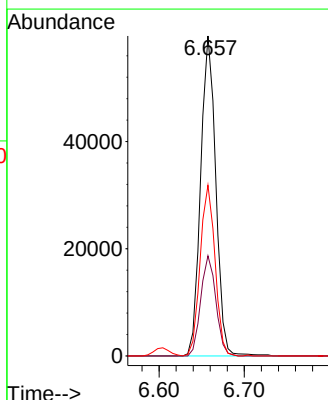
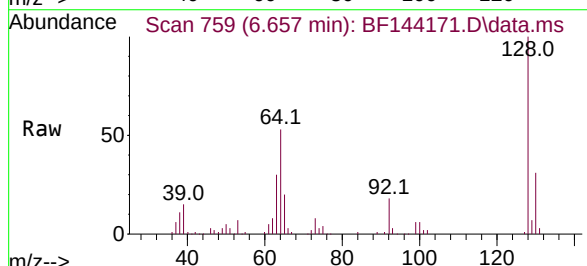
Tgt Ion: 128 Resp: 73729

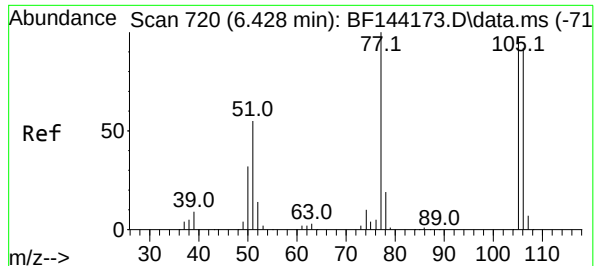
Ion Ratio Lower Upper

128 100

130 31.3 10.5 50.5

64 53.3 33.2 73.2





#9
Benzaldehyde

Concen: 12.629 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

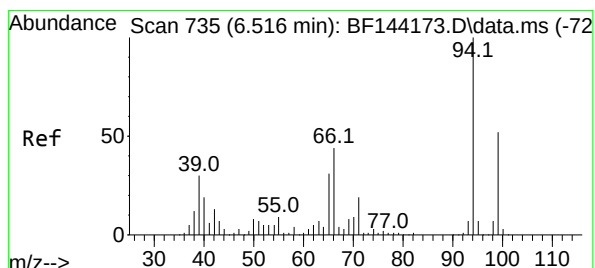
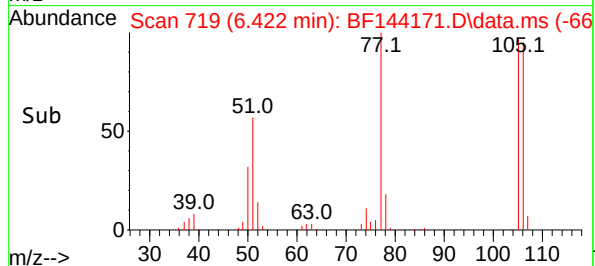
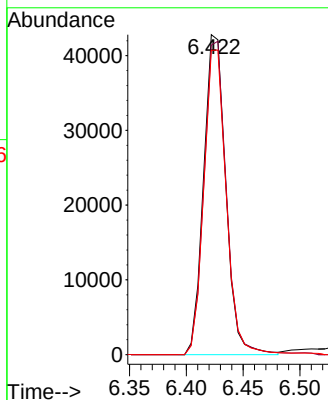
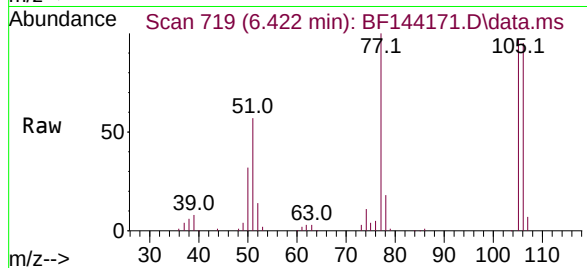
Tgt Ion: 77 Resp: 58146

Ion Ratio Lower Upper

77 100

105 96.7 77.2 117.2

106 95.1 72.2 112.2



#10

Phenol

Concen: 10.717 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.018 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

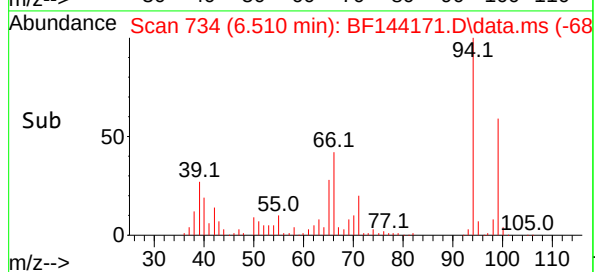
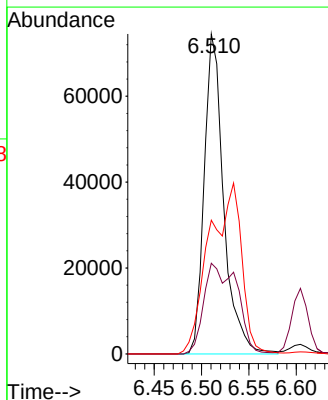
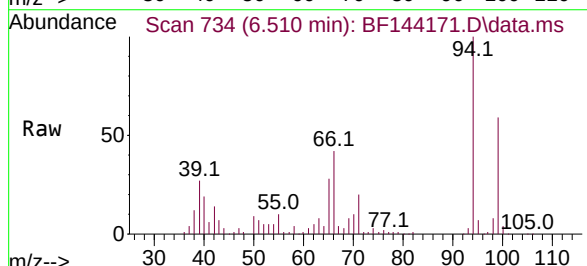
Tgt Ion: 94 Resp: 106765

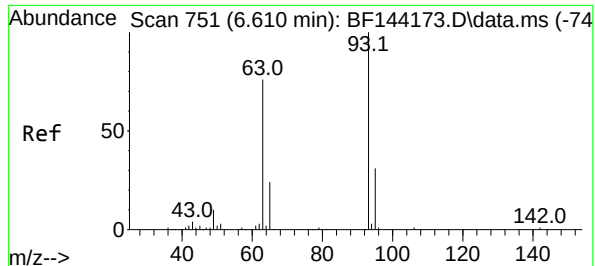
Ion Ratio Lower Upper

94 100

65 28.3 10.8 50.8

66 41.8 24.3 64.3

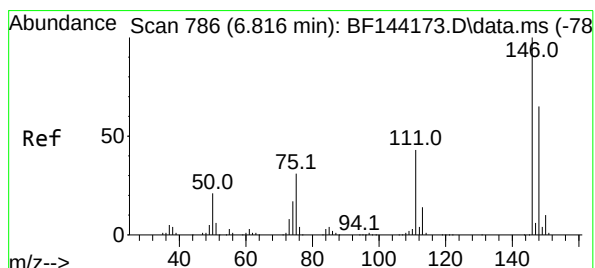
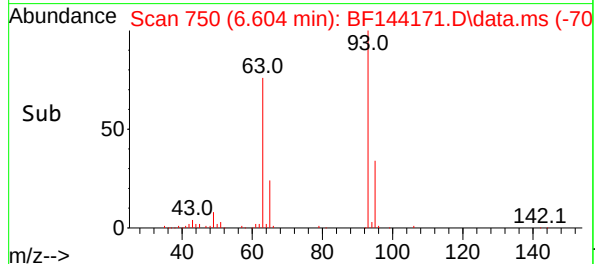
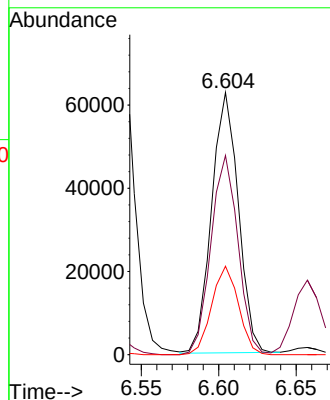
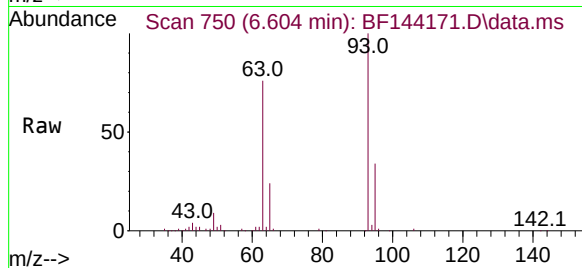




#11
bis(2-Chloroethyl)ether
Concen: 10.342 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

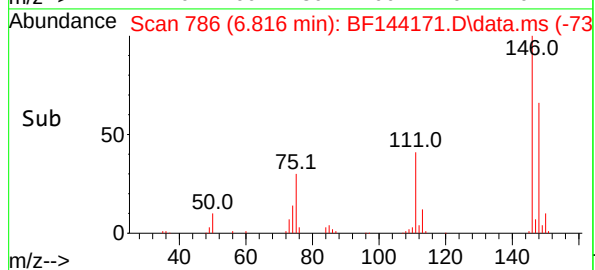
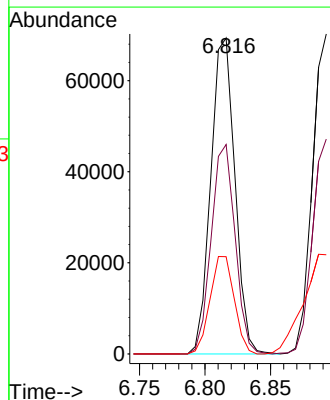
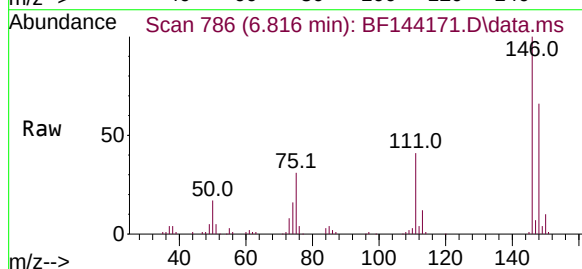
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

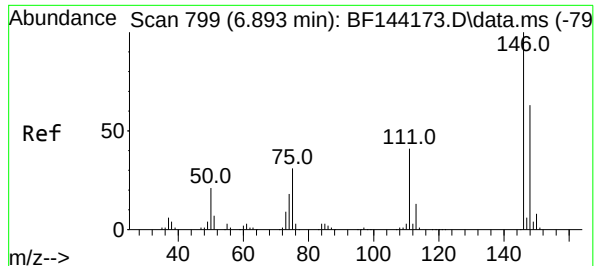
Tgt Ion:	93	Resp:	75075
Ion	Ratio	Lower	Upper
93	100		
63	75.9	55.2	95.2
95	33.7	11.2	51.2



#12
1,3-Dichlorobenzene
Concen: 10.174 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	146	Resp:	88594
Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.8
75	30.8	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 10.085 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

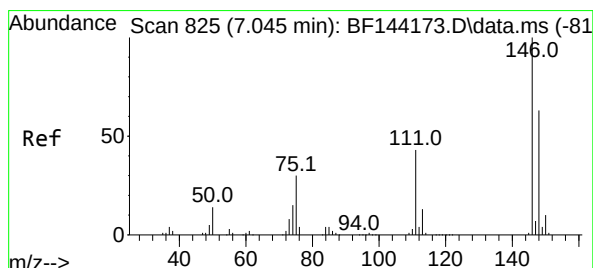
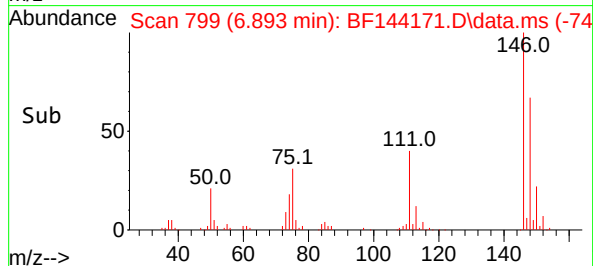
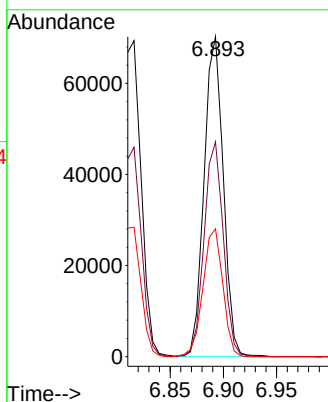
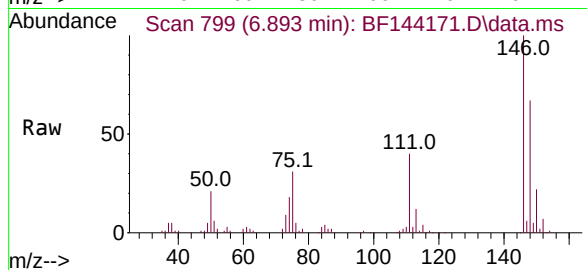
Tgt Ion:146 Resp: 87984

Ion Ratio Lower Upper

146 100

148 67.1 50.2 75.2

111 39.9 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 10.165 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

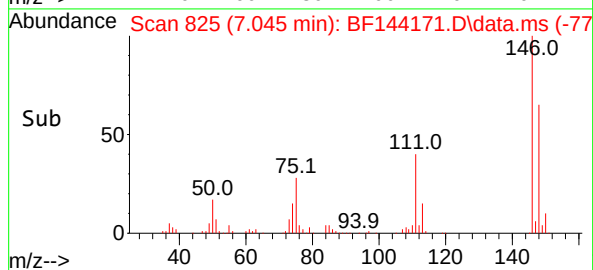
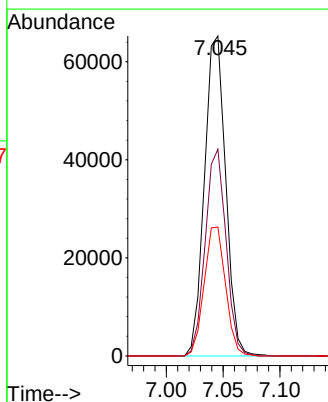
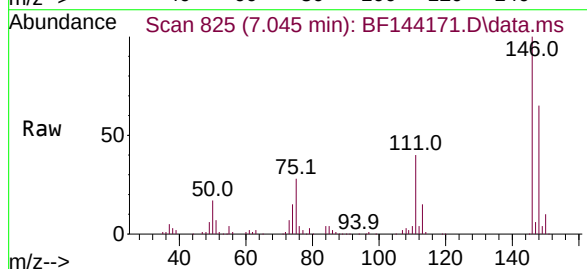
Tgt Ion:146 Resp: 84997

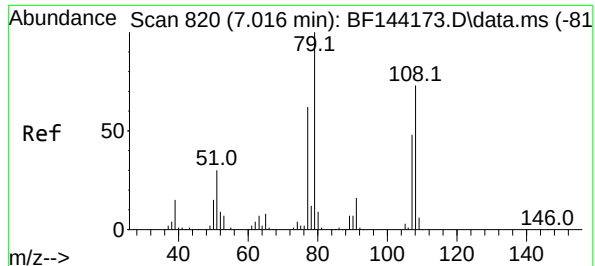
Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

111 40.3 34.2 51.4

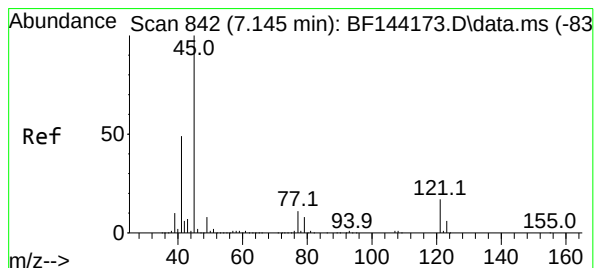
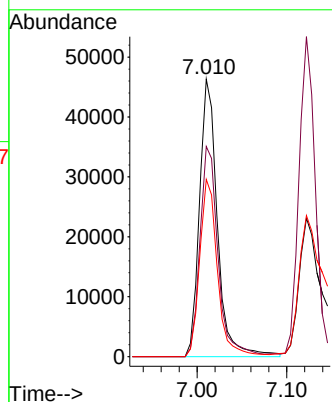
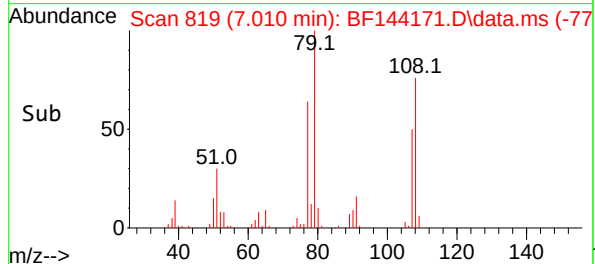
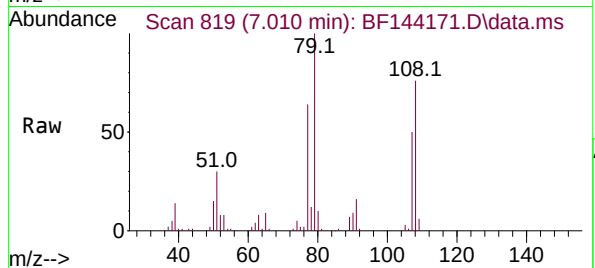




#15
Benzyl Alcohol
Concen: 9.937 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

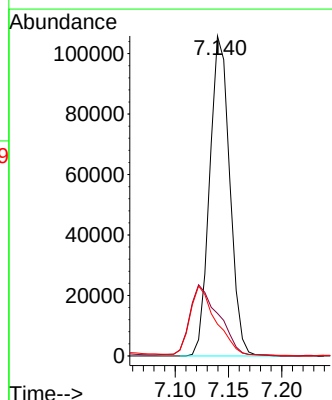
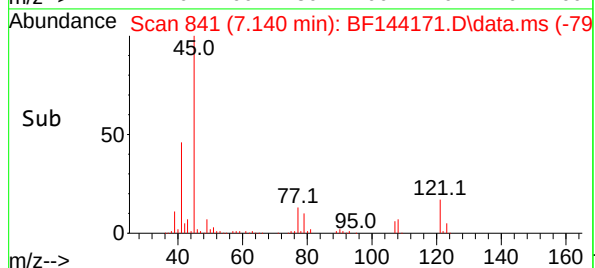
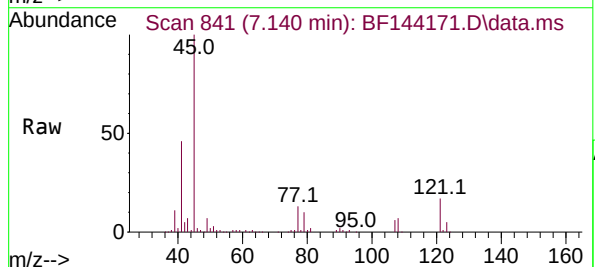
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

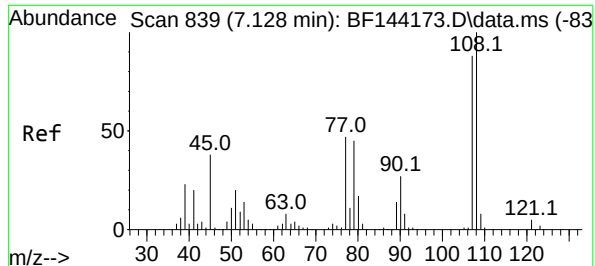
Tgt Ion: 79 Resp: 64160
Ion Ratio Lower Upper
79 100
108 75.8 58.2 87.4
77 63.8 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.403 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 45 Resp: 139062
Ion Ratio Lower Upper
45 100
77 13.3 0.0 31.8
79 9.9 0.0 29.1

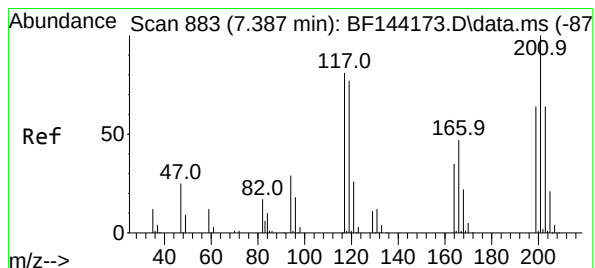
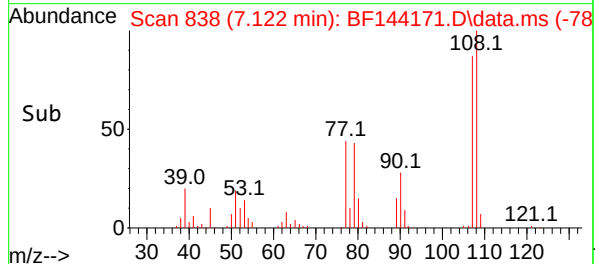
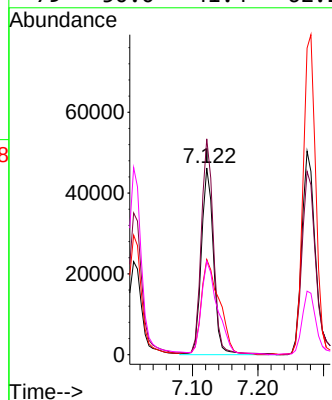
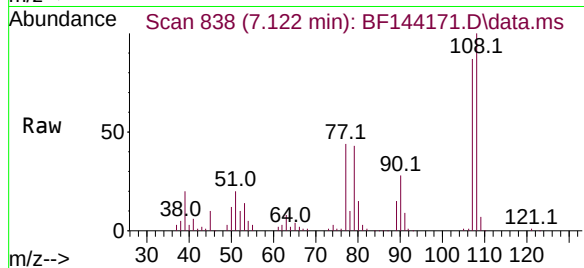




#17
2-Methylphenol
Concen: 10.575 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

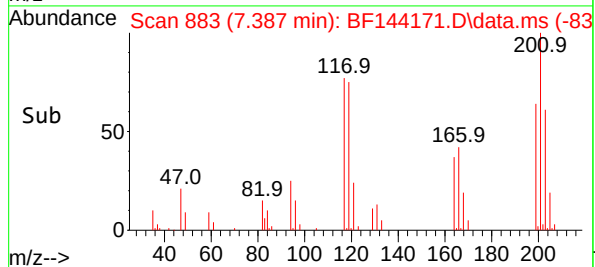
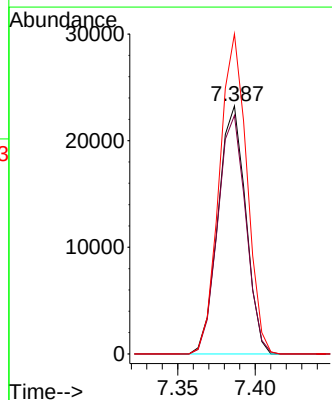
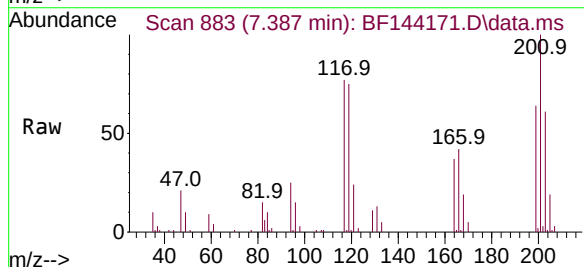
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

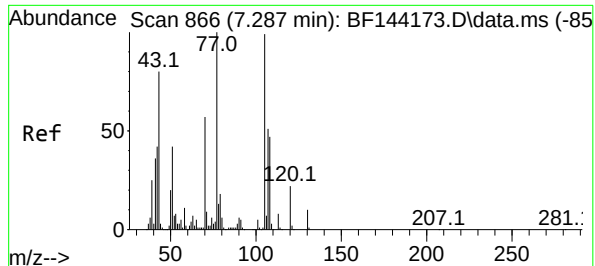
Tgt Ion:	107	Resp:	59368
Ion	Ratio	Lower	Upper
107	100		
108	115.6	91.0	136.4
77	51.0	42.7	64.1
79	50.0	41.4	62.2



#18
Hexachloroethane
Concen: 9.963 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	117	Resp:	28876
Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.8	113.8
201	129.1	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 10.735 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.023 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion: 70 Resp: 57621

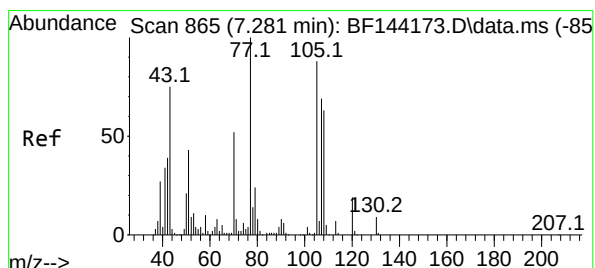
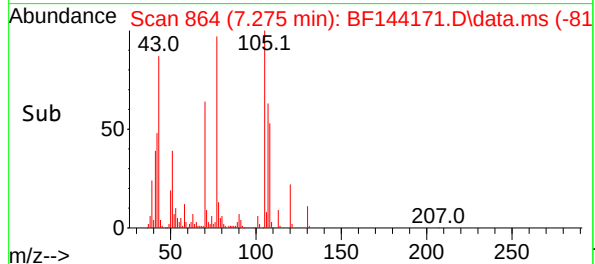
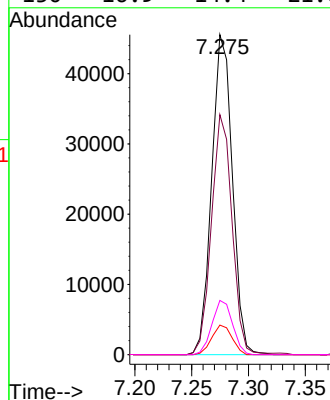
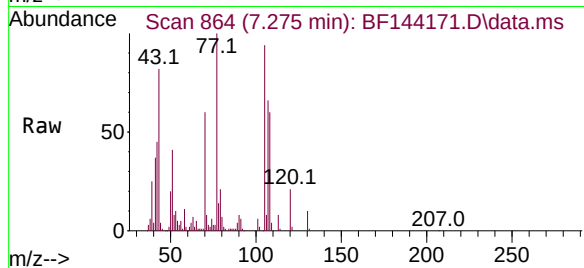
Ion Ratio Lower Upper

70 100

42 75.0 58.3 87.5

101 9.2 7.0 10.6

130 16.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 11.314 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion: 107 Resp: 74874

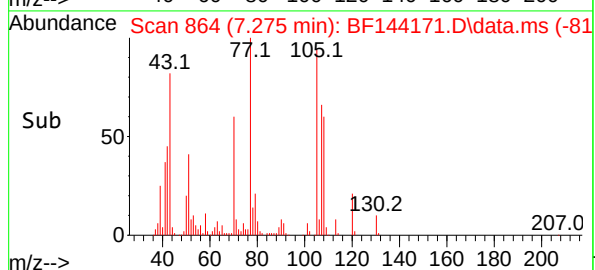
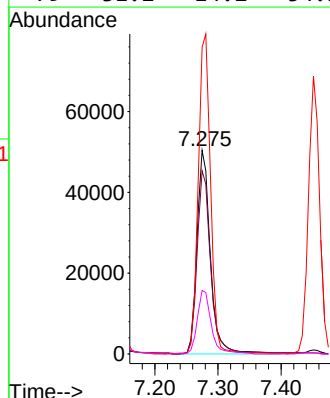
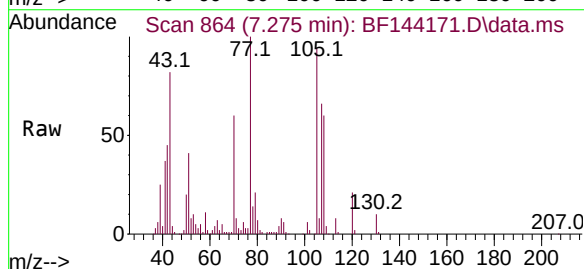
Ion Ratio Lower Upper

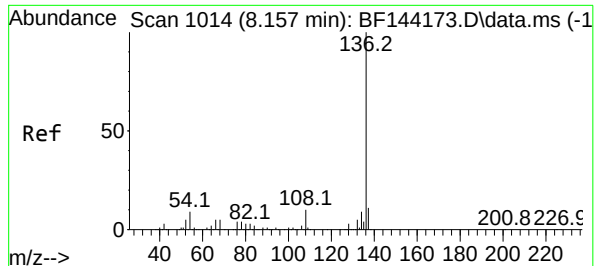
107 100

108 90.0 70.2 110.2

77 150.7 123.9 163.9

79 31.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 438512

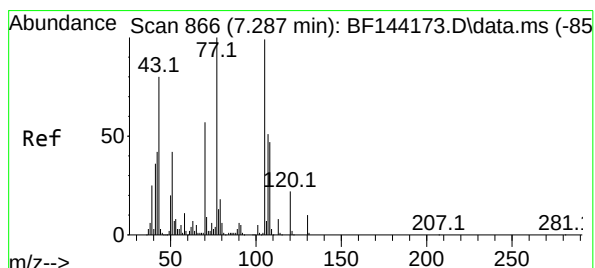
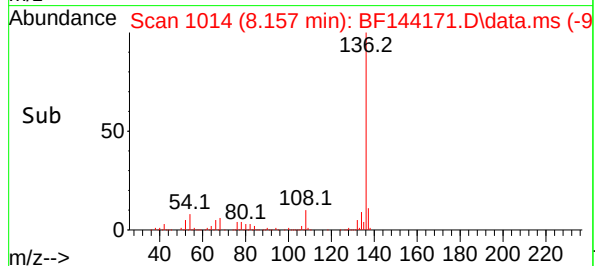
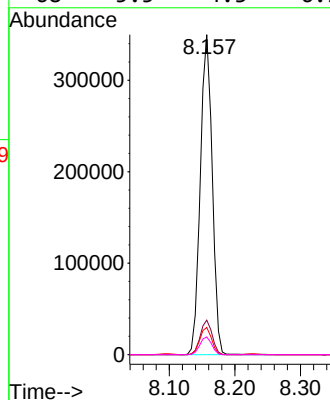
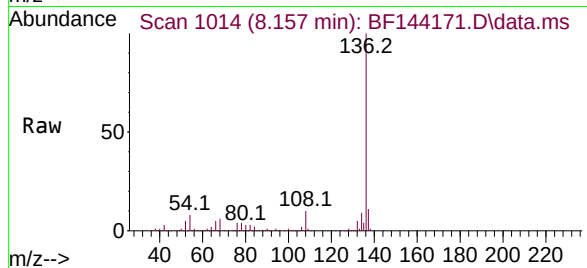
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 7.0 10.6

68 5.5 4.3 6.5



#22

Acetophenone

Concen: 10.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:105 Resp: 101777

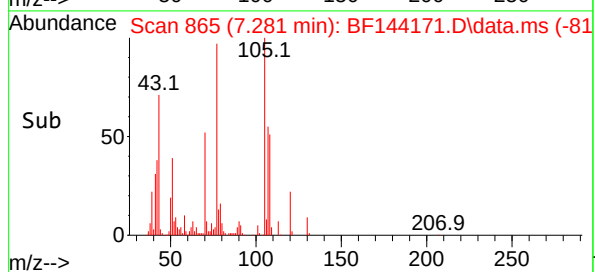
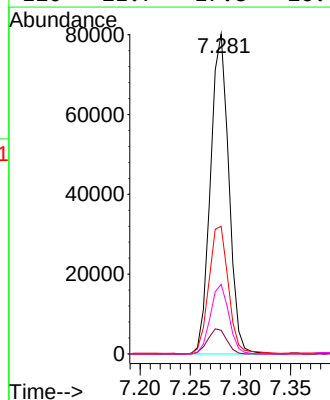
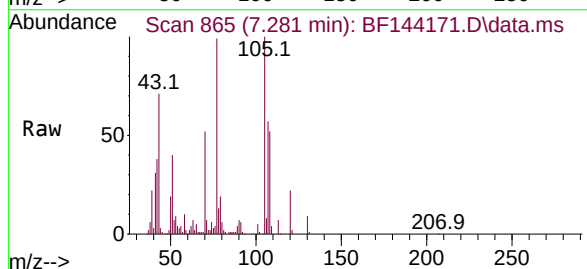
Ion Ratio Lower Upper

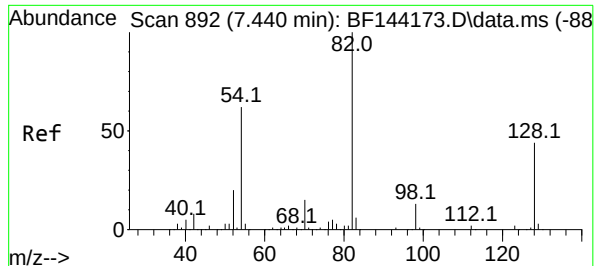
105 100

71 7.4 7.2 10.8

51 39.9 34.0 51.0

120 21.7 17.8 26.6

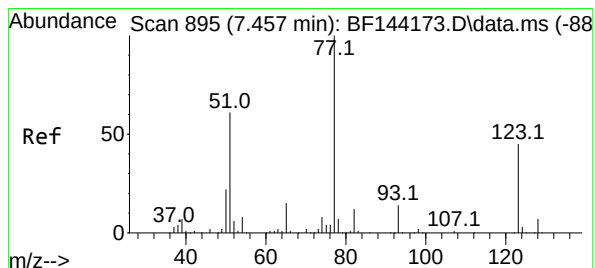
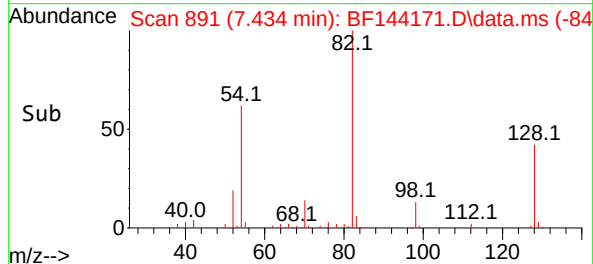
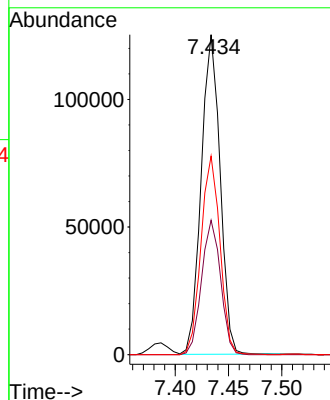
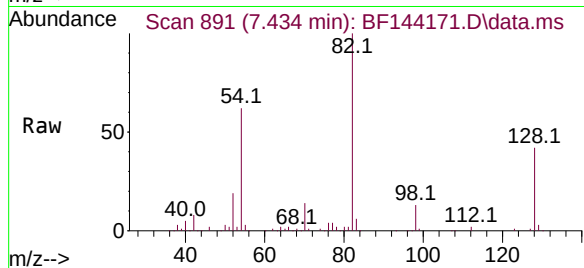




#23
Nitrobenzene-d5
Concen: 20.347 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

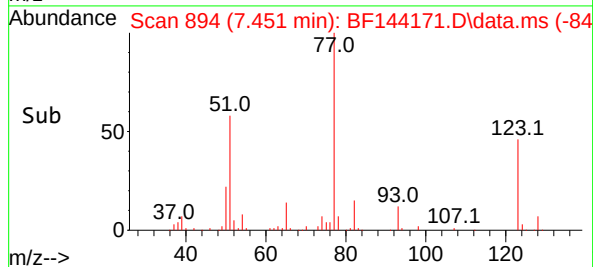
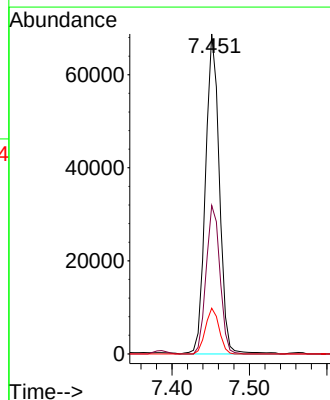
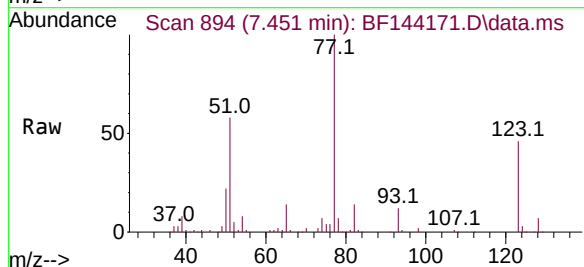
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

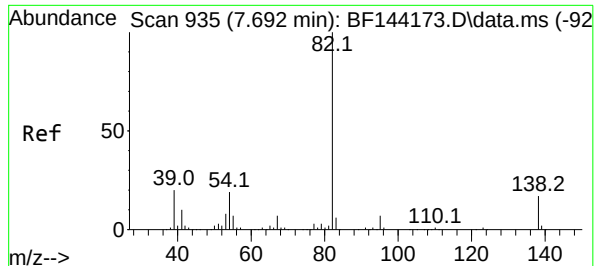
Tgt Ion: 82 Resp: 154488
Ion Ratio Lower Upper
82 100
128 42.0 34.7 52.1
54 62.0 49.5 74.3



#24
Nitrobenzene
Concen: 10.380 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 77 Resp: 85567
Ion Ratio Lower Upper
77 100
123 46.4 35.8 53.8
65 14.3 12.2 18.2

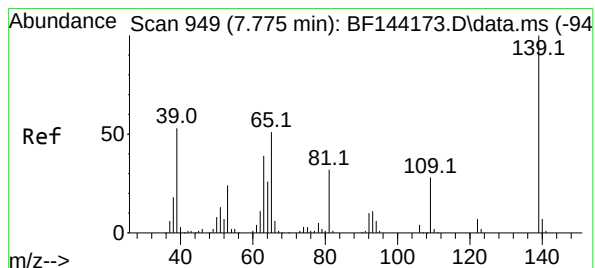
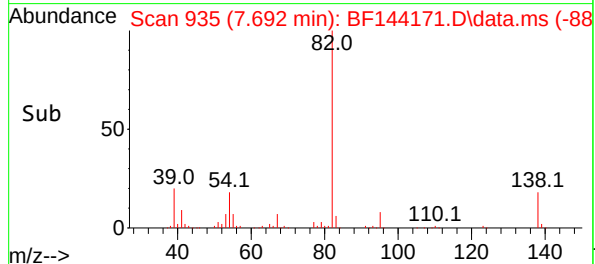
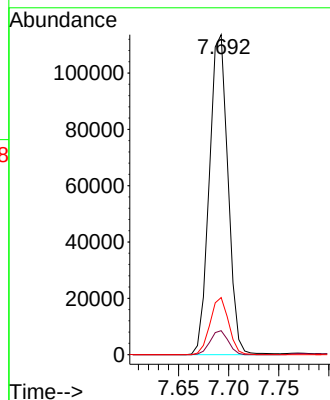
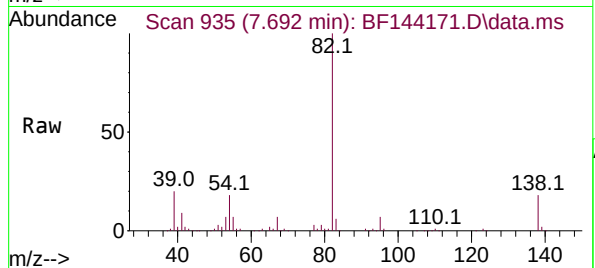




#25
Isophorone
Concen: 10.204 ng
RT: 7.692 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

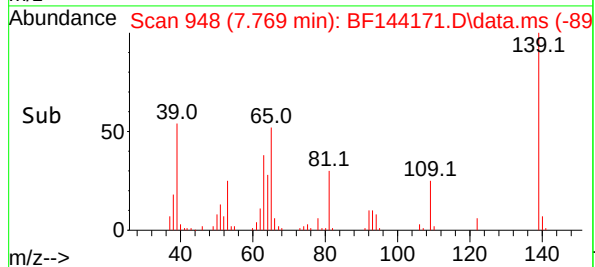
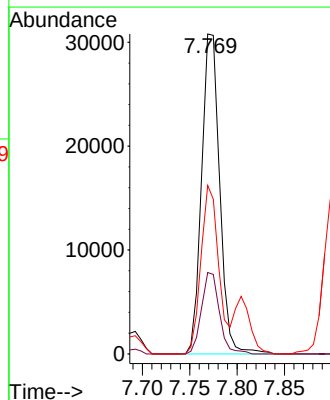
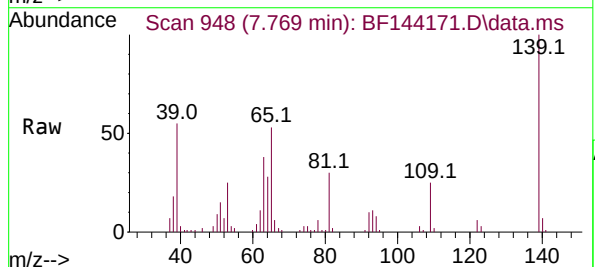
Instrument :
BNA_F
ClientSampleId :
SSTDIC010

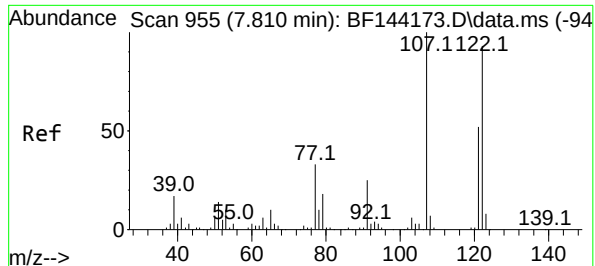
Tgt Ion: 82 Resp: 146541
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 17.9 13.7 20.5



#26
2-Nitrophenol
Concen: 10.067 ng
RT: 7.769 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion: 139 Resp: 41083
Ion Ratio Lower Upper
139 100
109 25.4 22.2 33.2
65 52.6 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 9.956 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

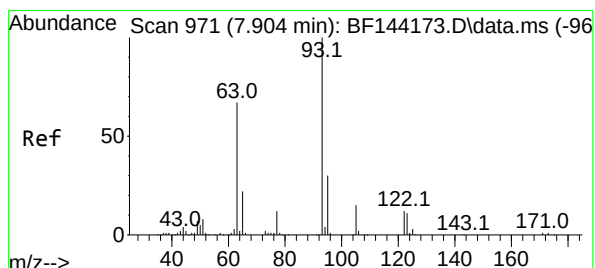
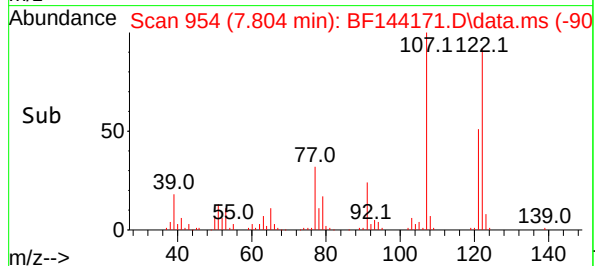
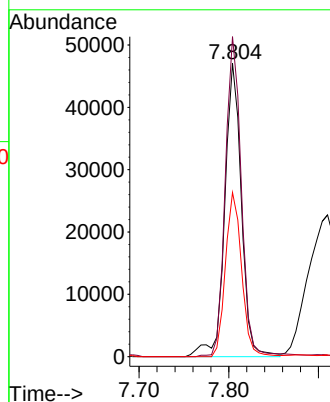
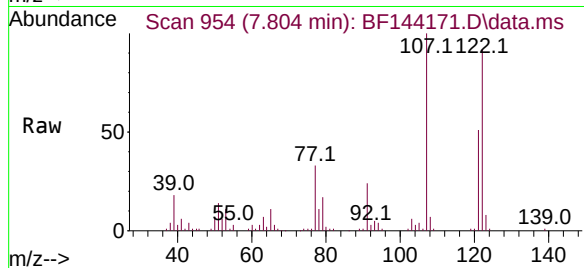
Tgt Ion:122 Resp: 60896

Ion Ratio Lower Upper

122 100

107 109.2 86.2 129.4

121 56.0 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.202 ng

RT: 7.898 min Scan# 970

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

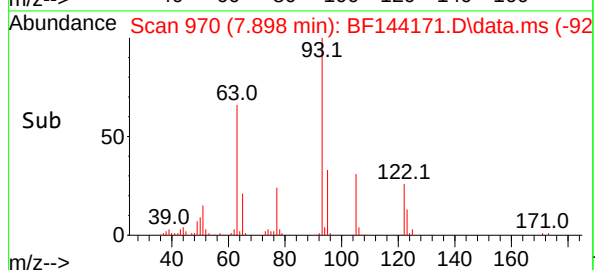
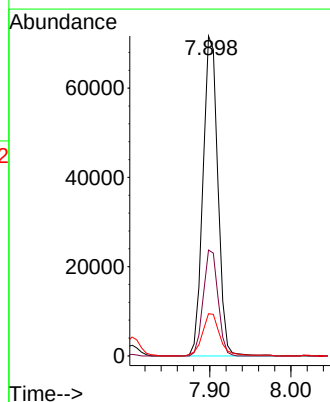
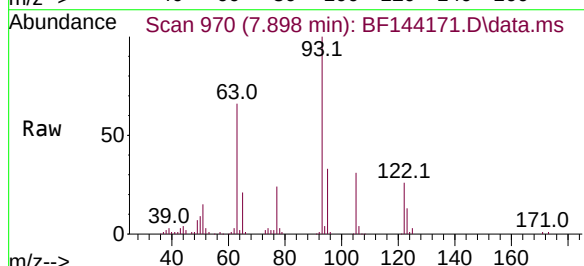
Tgt Ion: 93 Resp: 91497

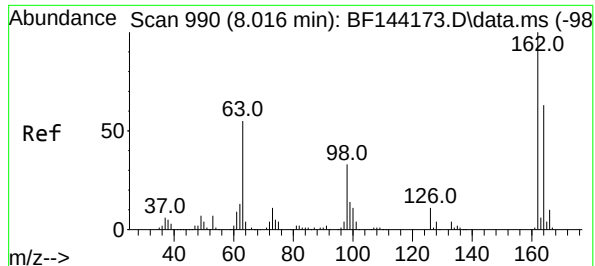
Ion Ratio Lower Upper

93 100

95 33.1 24.2 36.4

123 13.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 10.643 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

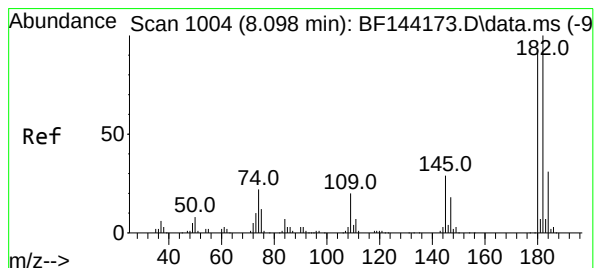
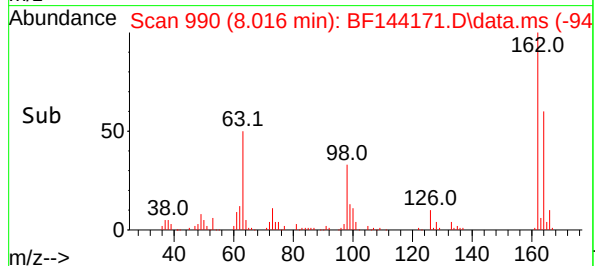
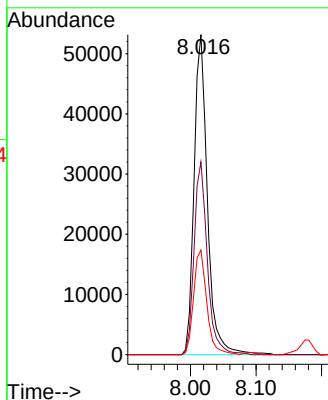
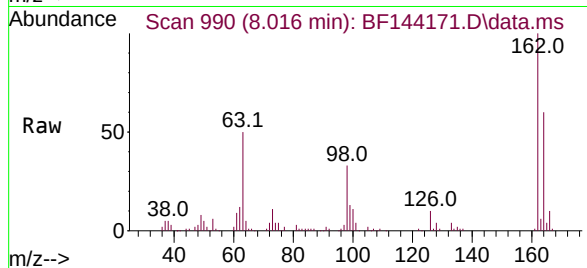
Tgt Ion:162 Resp: 75032

Ion Ratio Lower Upper

162 100

164 60.2 42.9 82.9

98 32.7 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 10.585 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

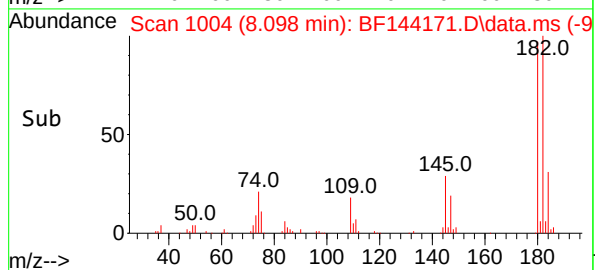
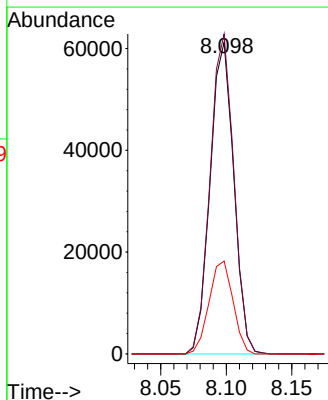
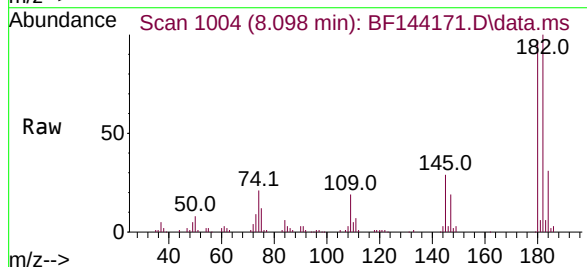
Tgt Ion:180 Resp: 76623

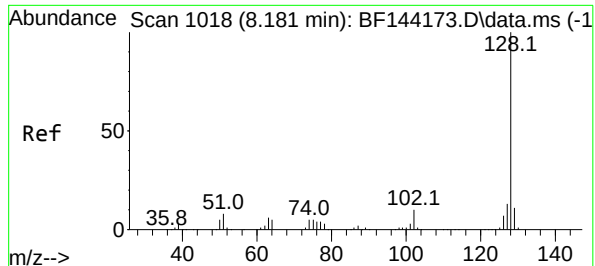
Ion Ratio Lower Upper

180 100

182 102.7 87.7 131.5

145 29.8 25.4 38.0





#31

Naphthalene

Concen: 10.590 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

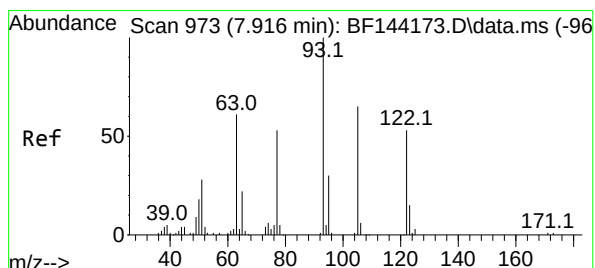
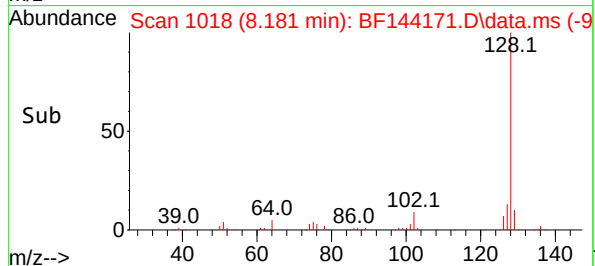
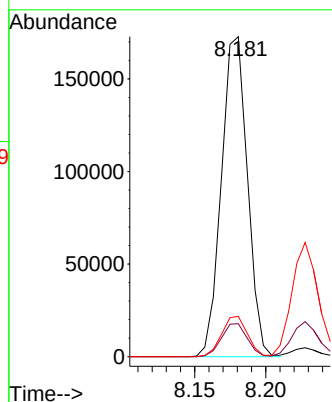
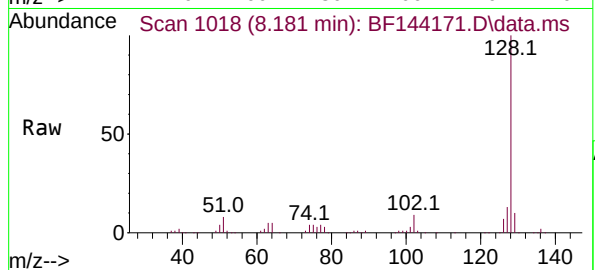
Tgt Ion:128 Resp: 220903

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

127 12.6 10.3 15.5



#32

Benzoic acid

Concen: 13.120 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.041 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

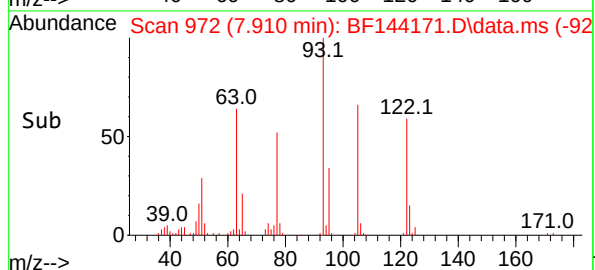
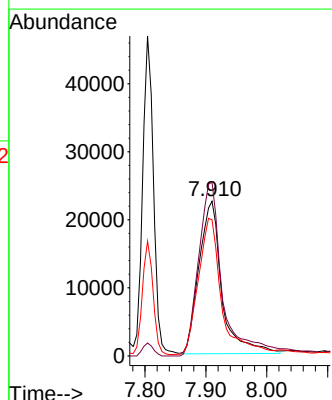
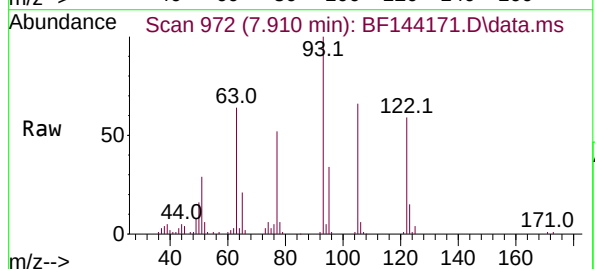
Tgt Ion:122 Resp: 58822

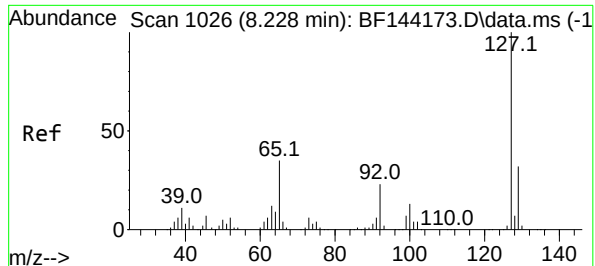
Ion Ratio Lower Upper

122 100

105 112.1 99.9 139.9

77 88.0 77.5 117.5





#33

4-Chloroaniline

Concen: 10.476 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

Tgt Ion:127 Resp: 79703

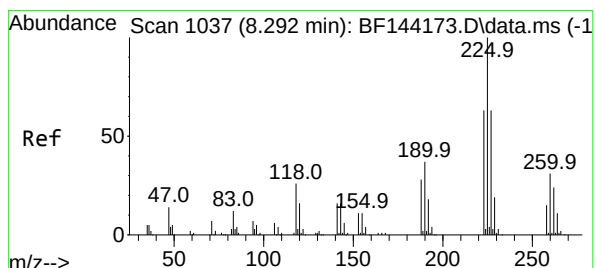
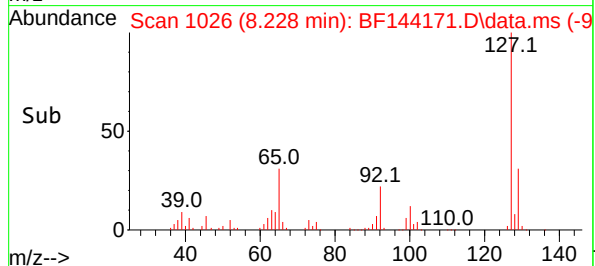
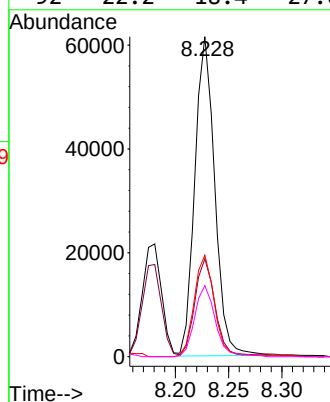
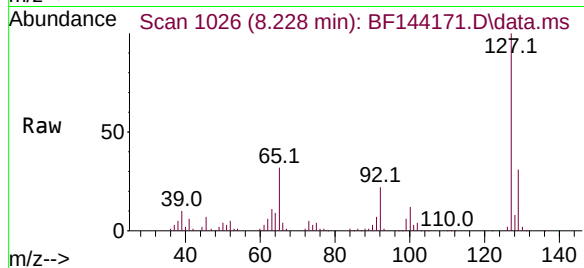
Ion Ratio Lower Upper

127 100

129 30.6 25.3 37.9

65 31.7 27.6 41.4

92 22.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 10.054 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

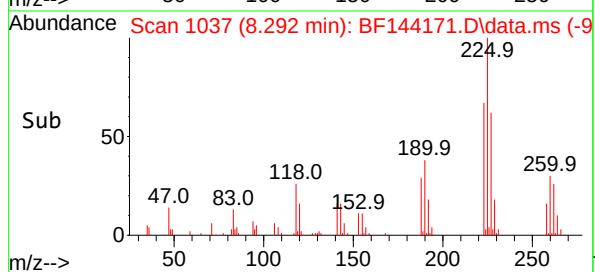
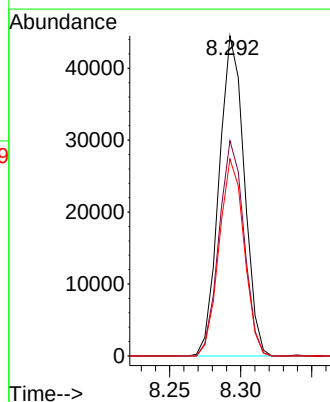
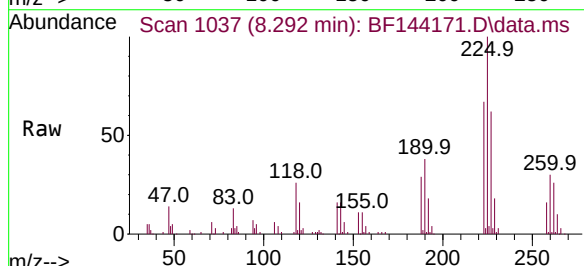
Tgt Ion:225 Resp: 54849

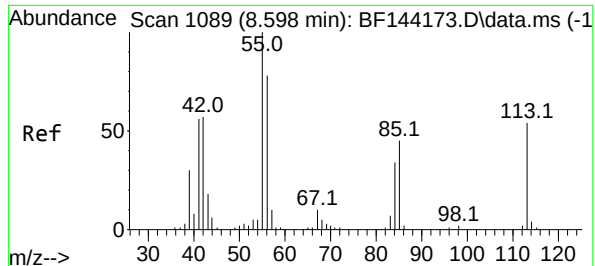
Ion Ratio Lower Upper

225 100

223 67.2 50.2 75.4

227 61.5 50.1 75.1

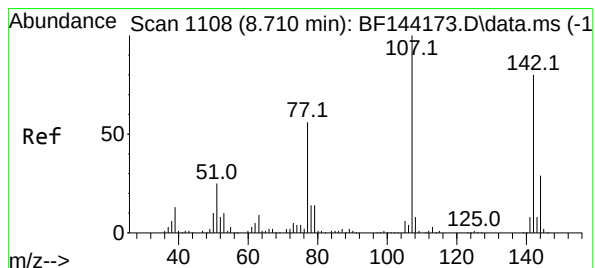
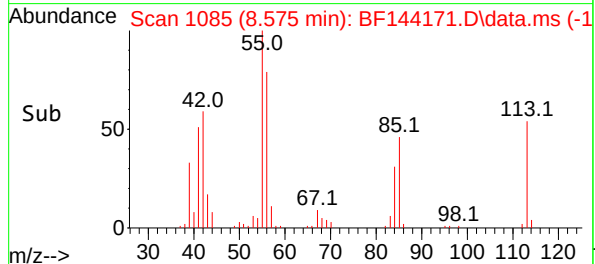
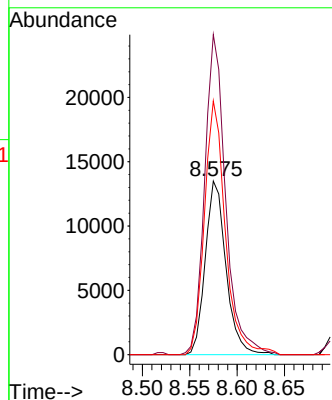
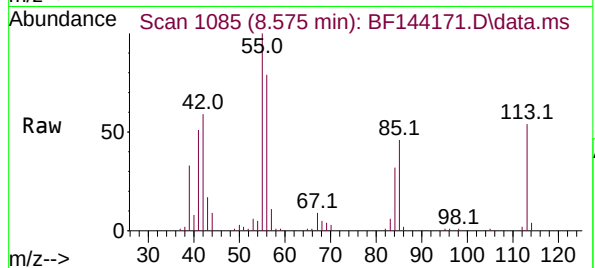




#35
Caprolactam
Concen: 10.645 ng
RT: 8.575 min Scan# 1085
Delta R.T. -0.047 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

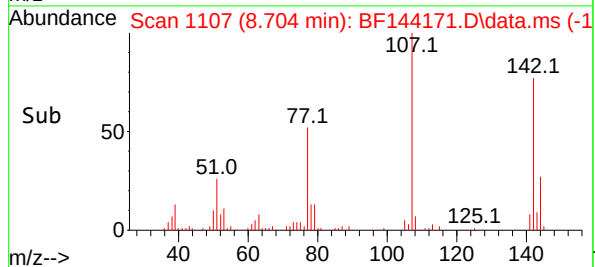
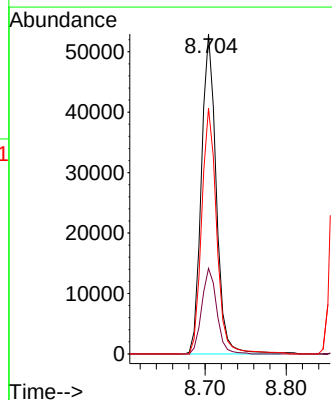
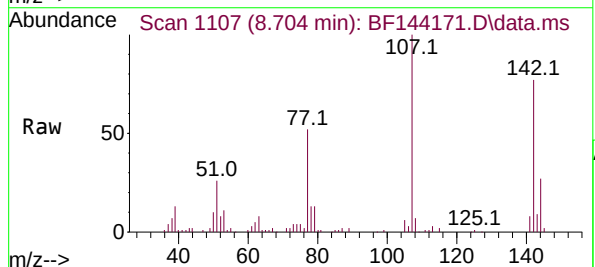
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

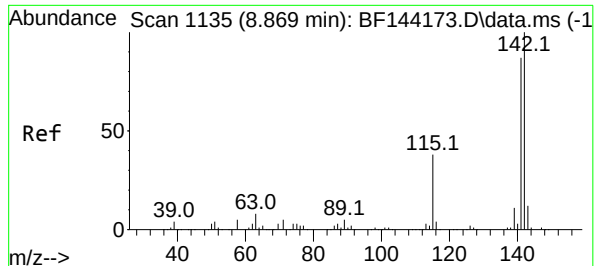
Tgt Ion:113 Resp: 20560
Ion Ratio Lower Upper
113 100
55 184.5 166.8 206.8
56 146.2 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 10.641 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:107 Resp: 67228
Ion Ratio Lower Upper
107 100
144 26.7 23.3 34.9
142 76.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 10.571 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

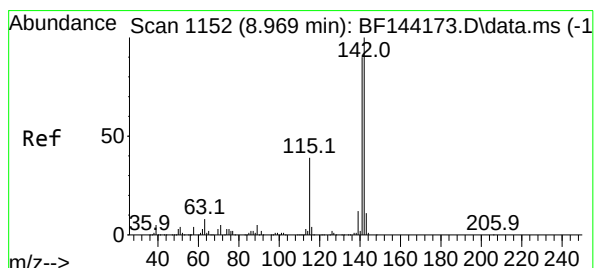
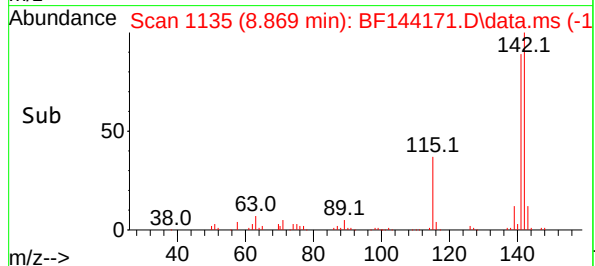
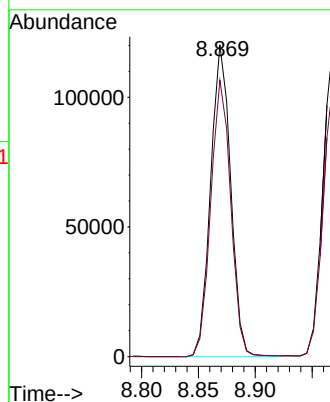
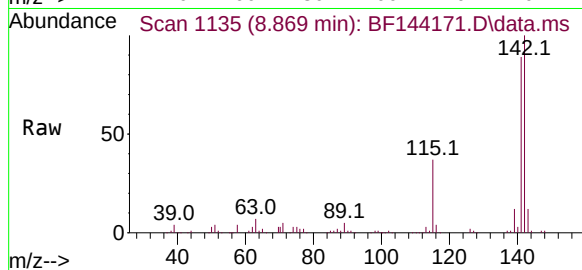
SSTDICC010

Tgt Ion:142 Resp: 147427

Ion Ratio Lower Upper

142 100

141 88.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 11.093 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144171.D

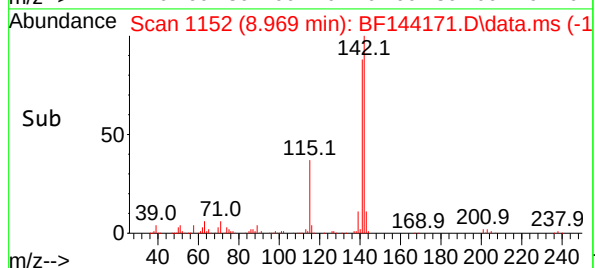
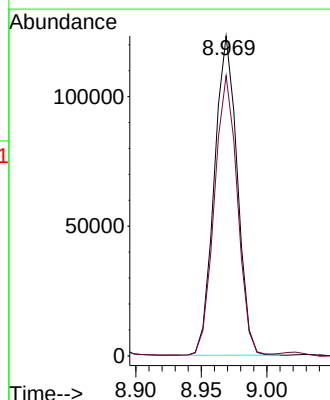
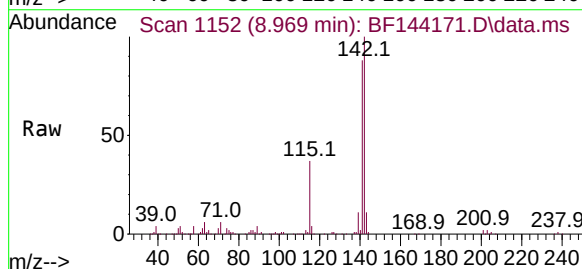
Acq: 05 Nov 2025 13:50

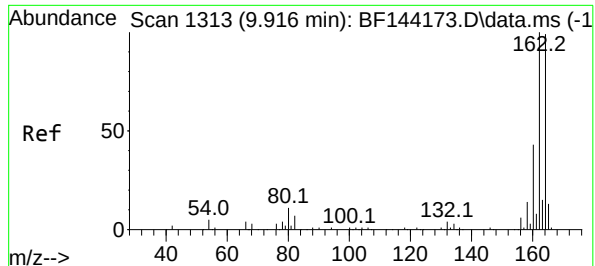
Tgt Ion:142 Resp: 149280

Ion Ratio Lower Upper

142 100

141 87.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

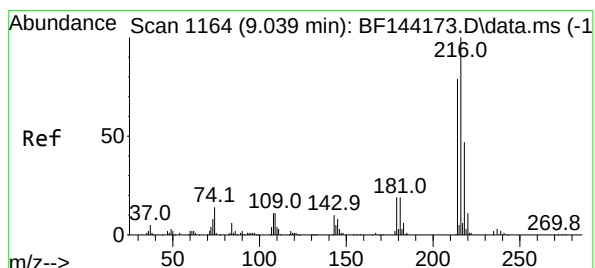
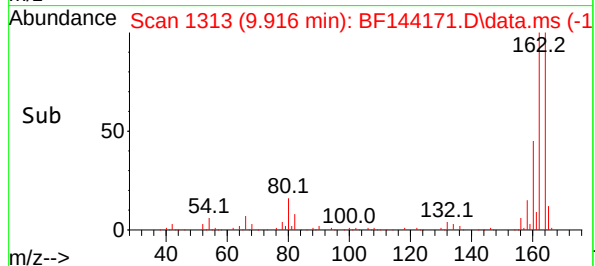
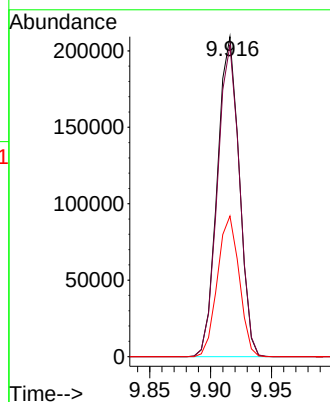
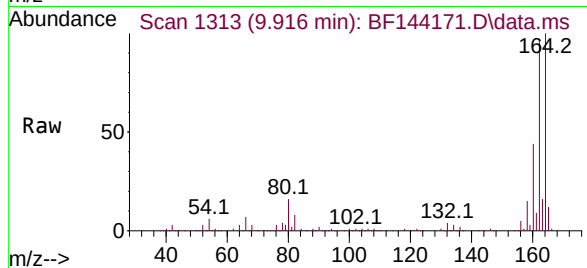
Tgt Ion:164 Resp: 261107

Ion Ratio Lower Upper

164 100

162 97.4 81.1 121.7

160 43.9 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.098 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:216 Resp: 86408

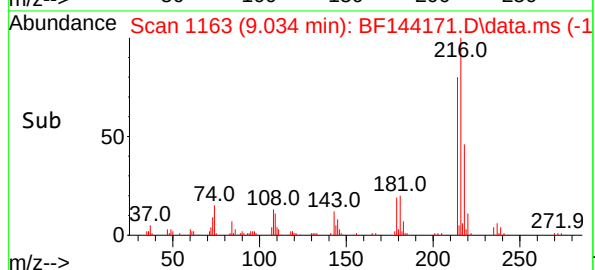
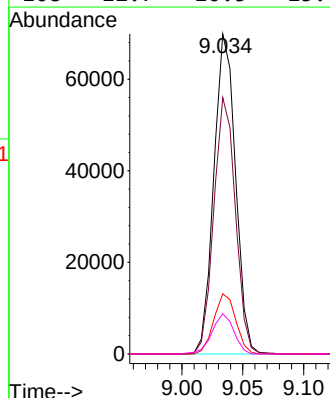
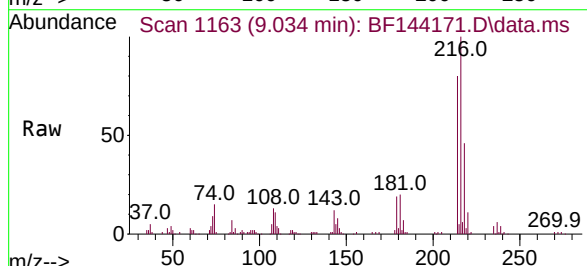
Ion Ratio Lower Upper

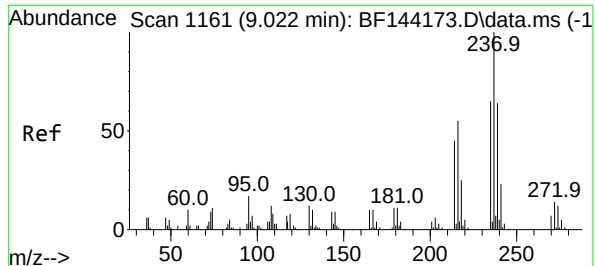
216 100

214 79.8 63.4 95.2

179 19.0 15.0 22.4

108 12.7 10.5 15.7

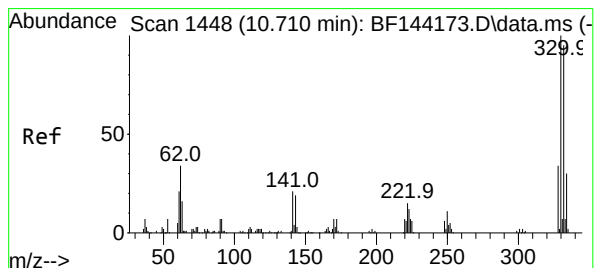
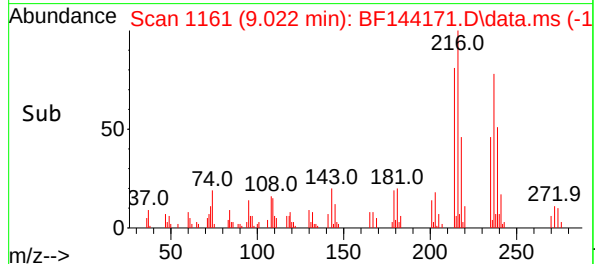
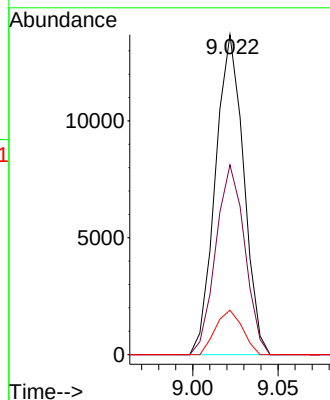
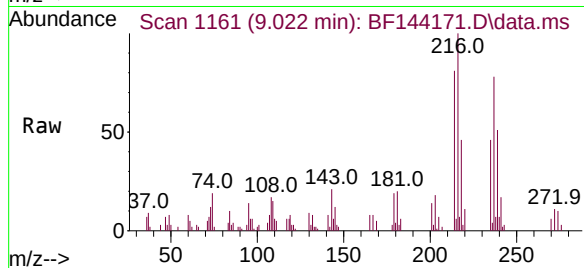




#41
Hexachlorocyclopentadiene
Concen: 10.609 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

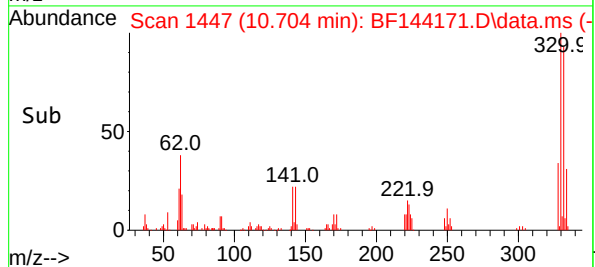
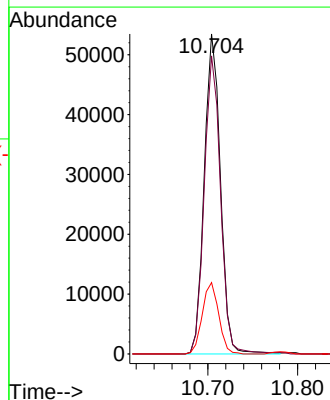
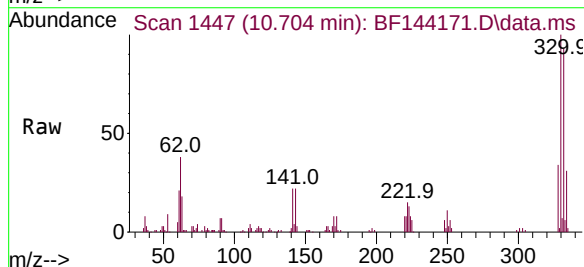
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

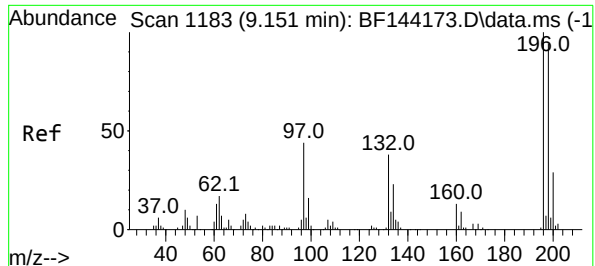
Tgt Ion:237 Resp: 15765
Ion Ratio Lower Upper
237 100
235 59.3 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 20.442 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:330 Resp: 66981
Ion Ratio Lower Upper
330 100
332 93.9 76.7 115.1
141 22.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 10.054 ng

RT: 9.145 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

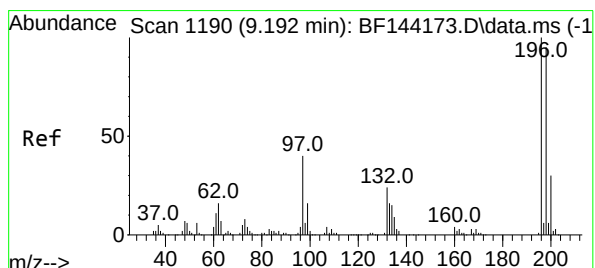
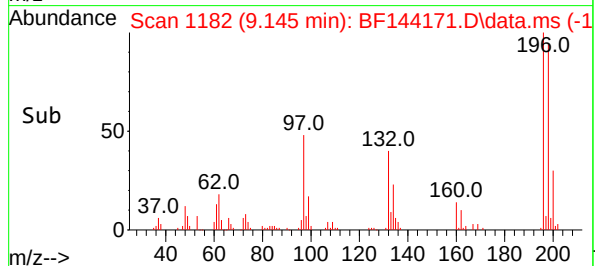
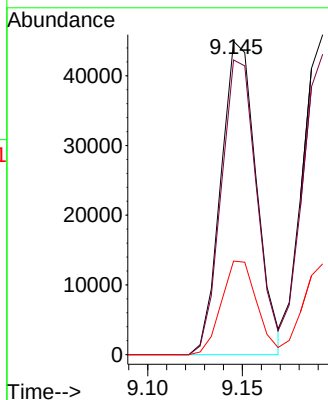
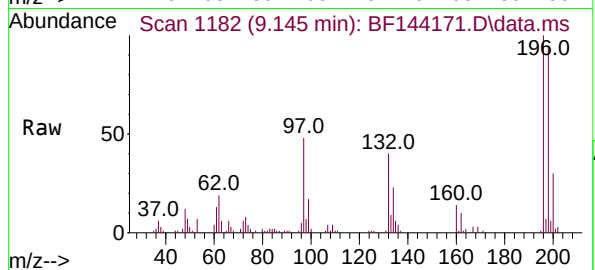
Tgt Ion:196 Resp: 58560

Ion Ratio Lower Upper

196 100

198 94.0 75.3 112.9

200 29.8 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 10.160 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Tgt Ion:196 Resp: 63779

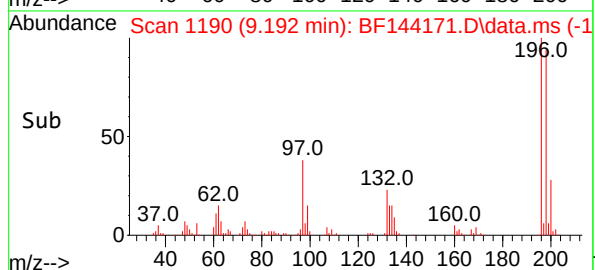
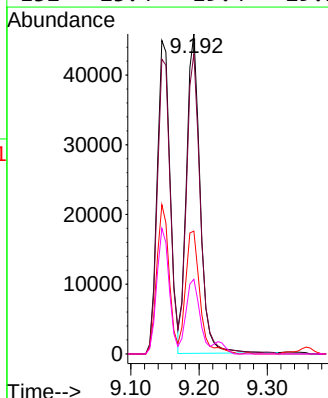
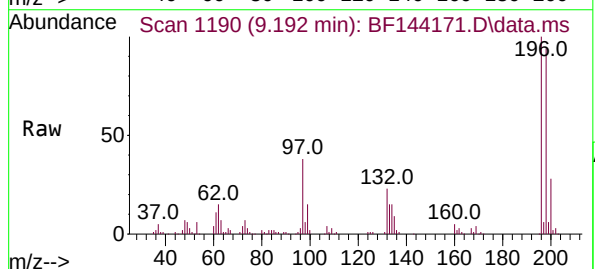
Ion Ratio Lower Upper

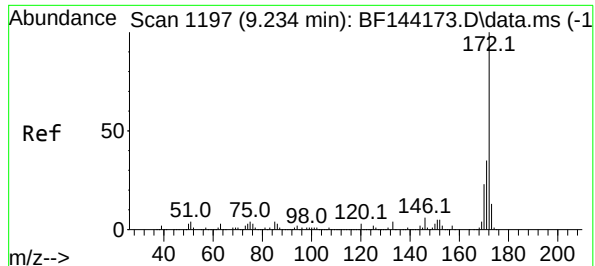
196 100

198 93.9 76.1 114.1

97 38.4 31.9 47.9

132 23.4 19.4 29.2

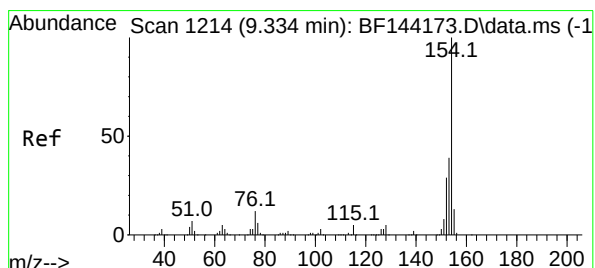
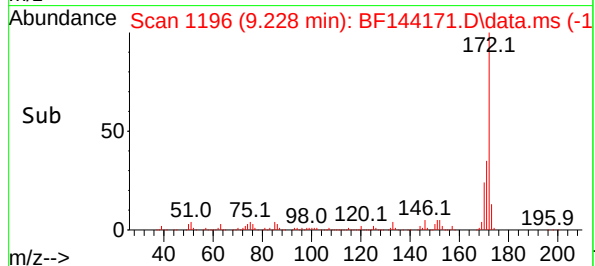
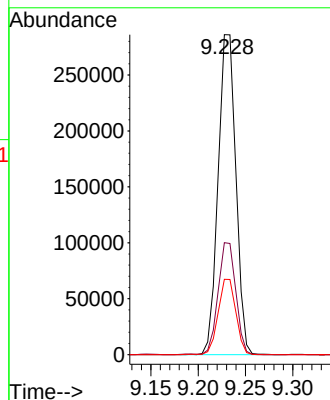
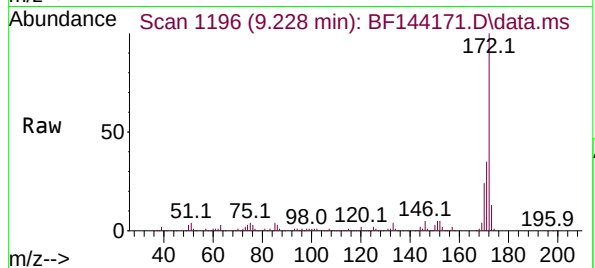




#45
2-Fluorobiphenyl
Concen: 21.090 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

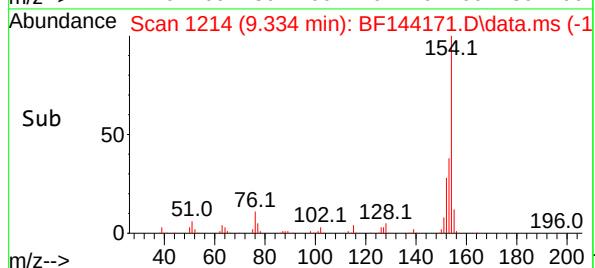
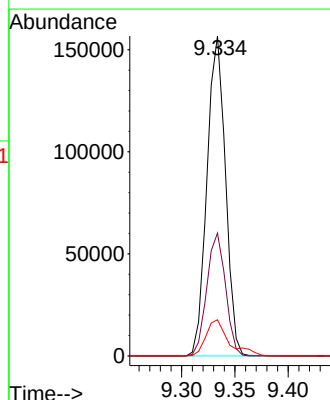
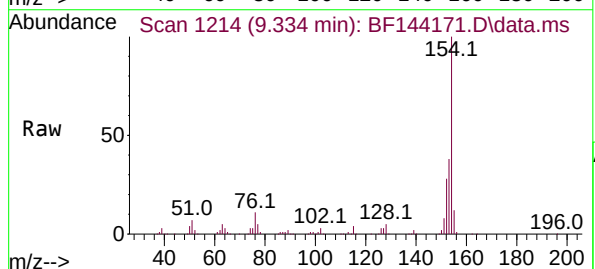
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

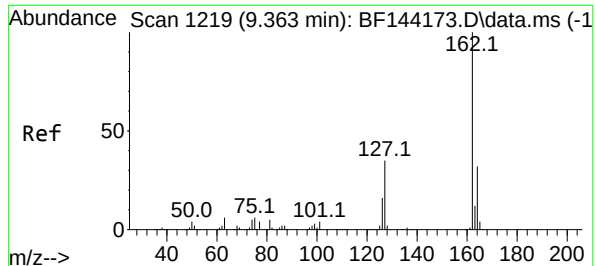
Tgt Ion:172 Resp: 372845
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 10.355 ng
RT: 9.334 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:154 Resp: 188739
Ion Ratio Lower Upper
154 100
153 38.4 19.2 59.2
76 11.3 0.0 31.8





#47

2-Chloronaphthalene

Concen: 10.211 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

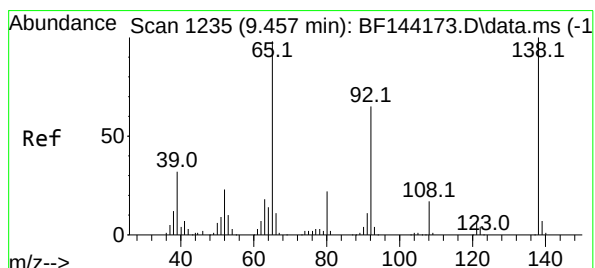
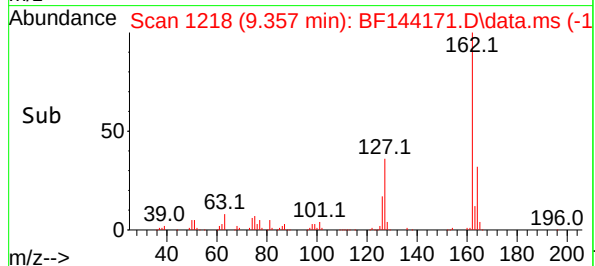
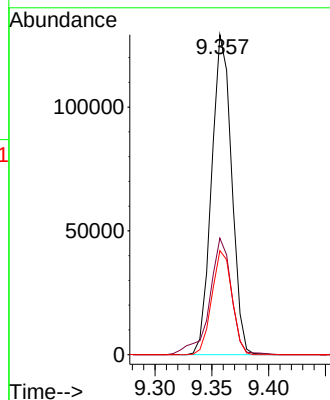
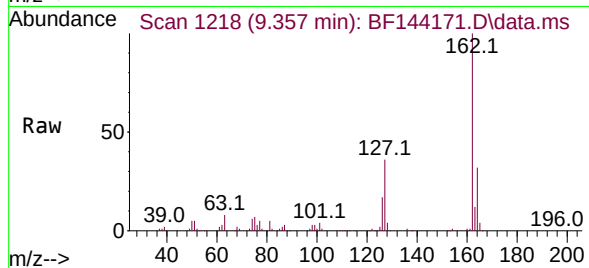
Tgt Ion:162 Resp: 158745

Ion Ratio Lower Upper

162 100

127 36.4 28.8 43.2

164 32.5 25.8 38.8



#48

2-Nitroaniline

Concen: 10.104 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

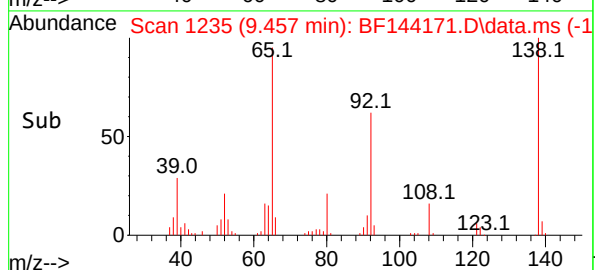
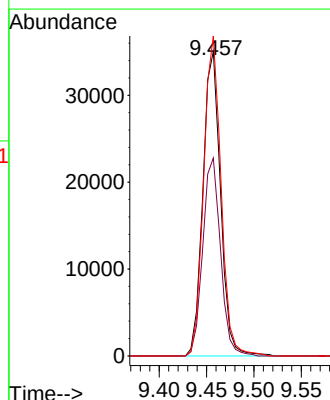
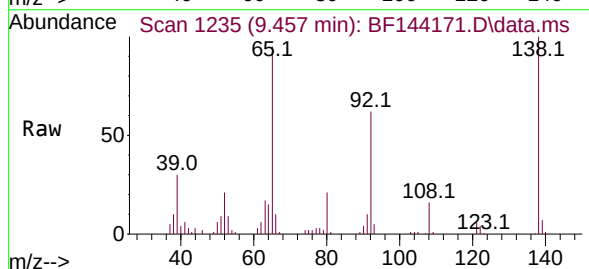
Tgt Ion: 65 Resp: 45323

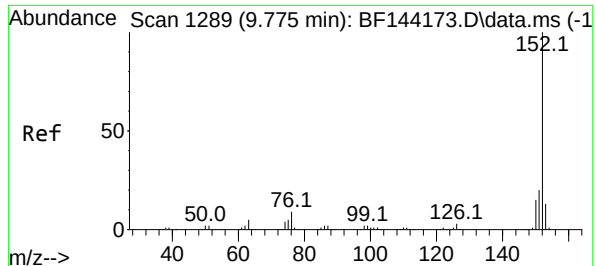
Ion Ratio Lower Upper

65 100

92 65.0 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 10.390 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144171.D

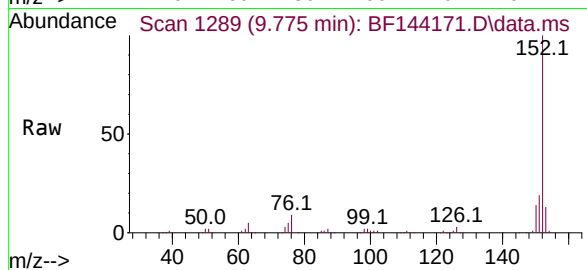
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



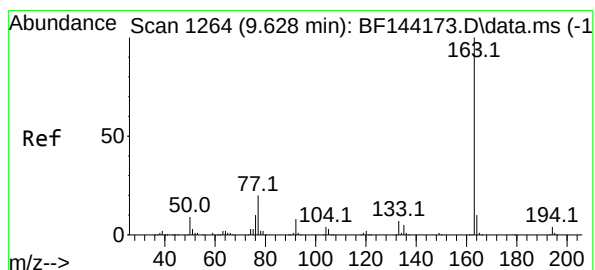
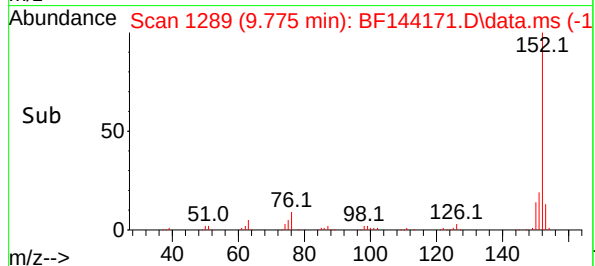
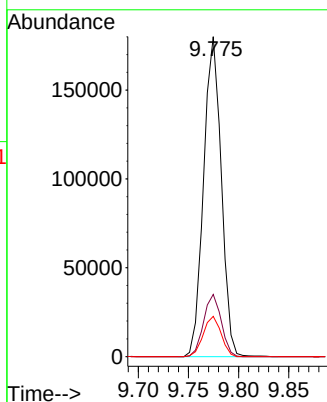
Tgt Ion:152 Resp: 220118

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

Concen: 10.133 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

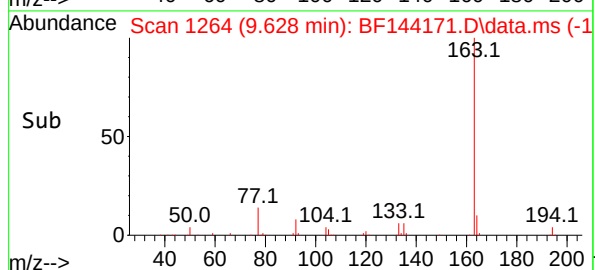
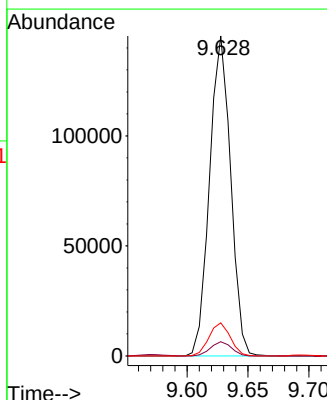
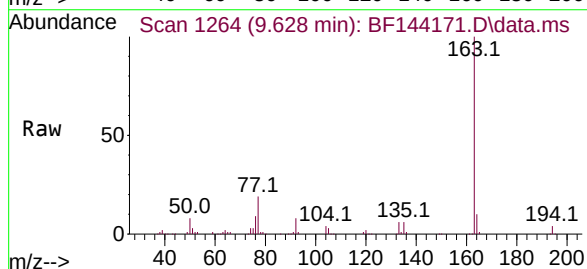
Tgt Ion:163 Resp: 175284

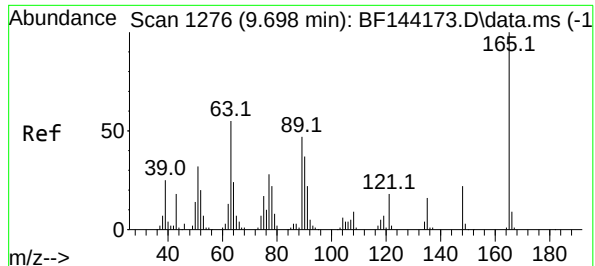
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 10.119 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

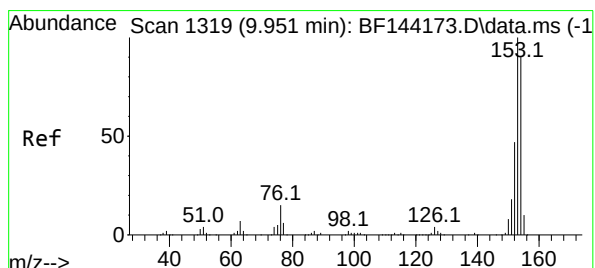
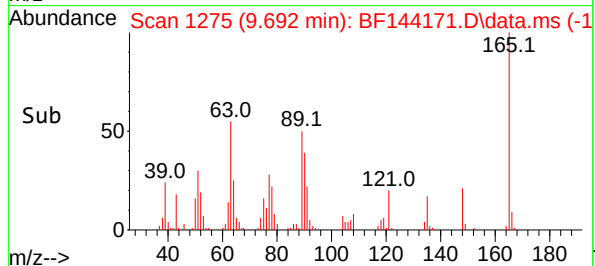
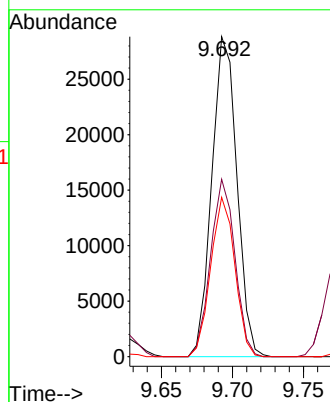
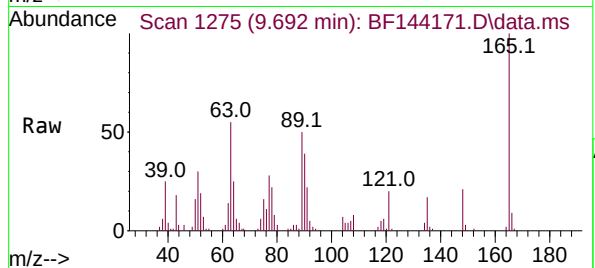
Tgt Ion:165 Resp: 35433

Ion Ratio Lower Upper

165 100

63 55.4 43.8 65.8

89 49.8 37.5 56.3



#52

Acenaphthene

Concen: 10.705 ng

RT: 9.945 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

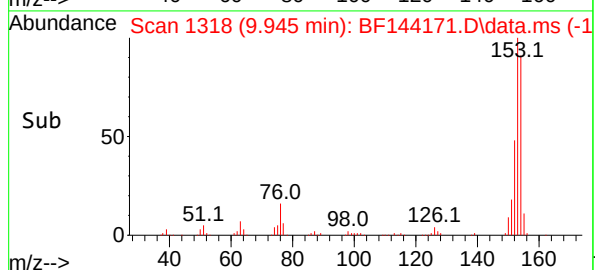
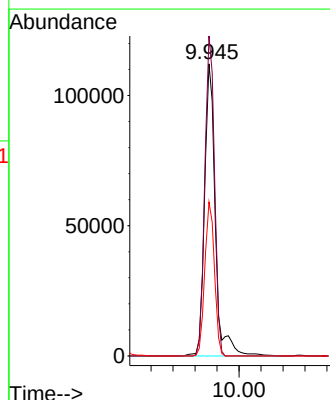
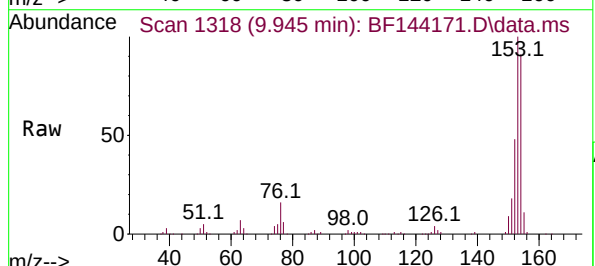
Tgt Ion:154 Resp: 151661

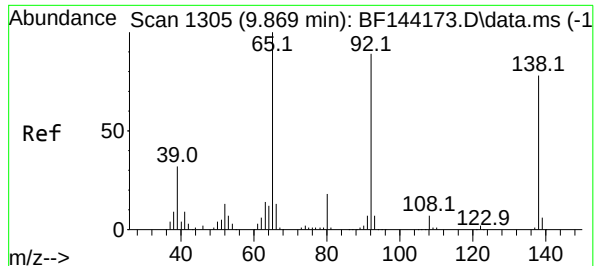
Ion Ratio Lower Upper

154 100

153 109.5 89.0 133.4

152 52.7 42.2 63.4





#53

3-Nitroaniline

Concen: 10.259 ng

RT: 9.863 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

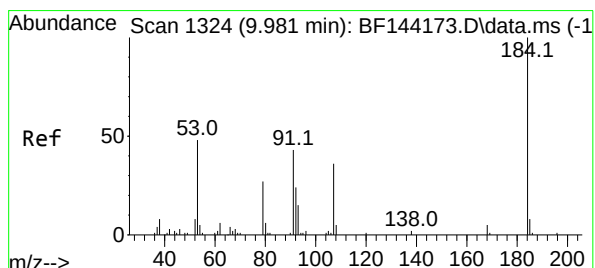
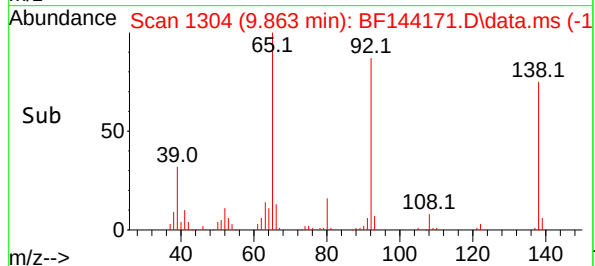
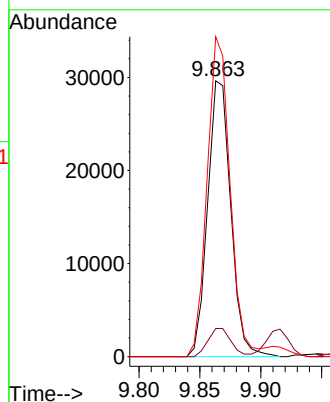
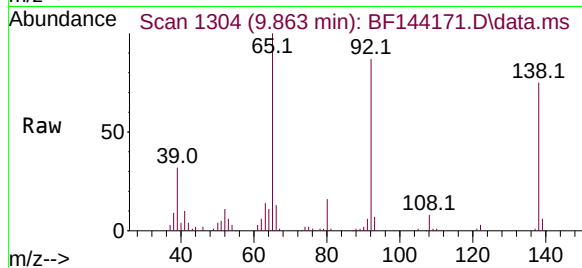
Tgt Ion:138 Resp: 39270

Ion Ratio Lower Upper

138 100

108 10.2 7.5 11.3

92 116.1 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 12.447 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

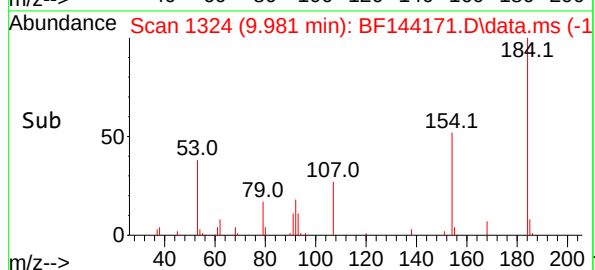
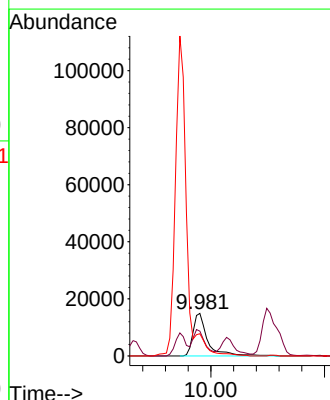
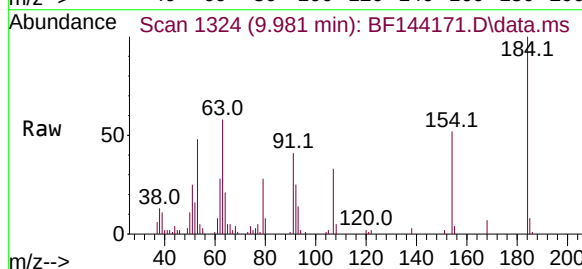
Tgt Ion:184 Resp: 26319

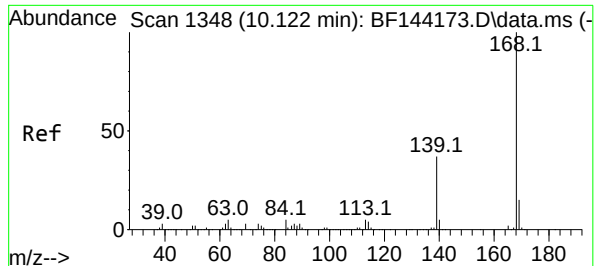
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 51.9 42.4 63.6





#55

Dibenzenofuran

Concen: 10.530 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

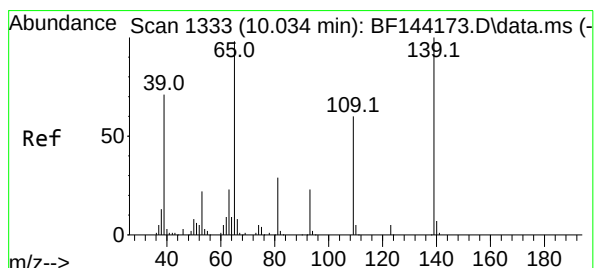
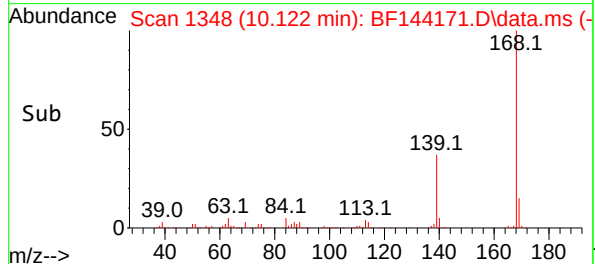
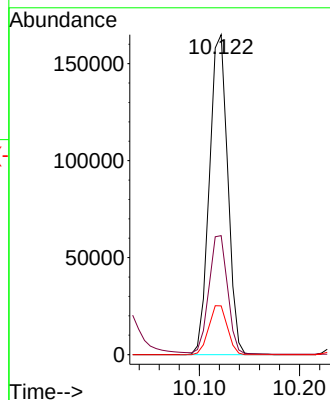
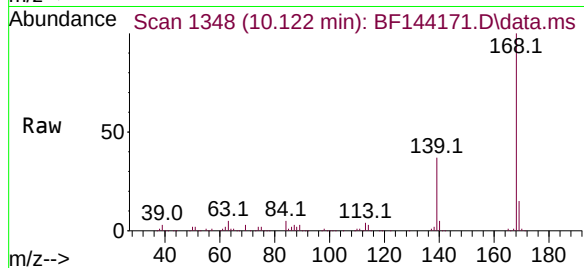
Tgt Ion:168 Resp: 208943

Ion Ratio Lower Upper

168 100

139 37.2 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 12.867 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

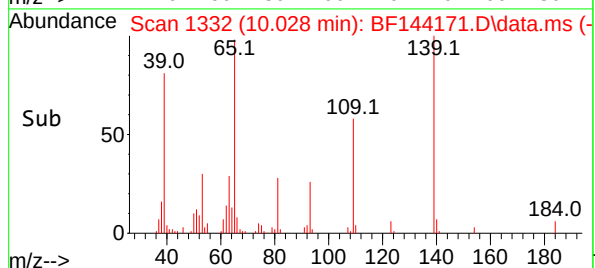
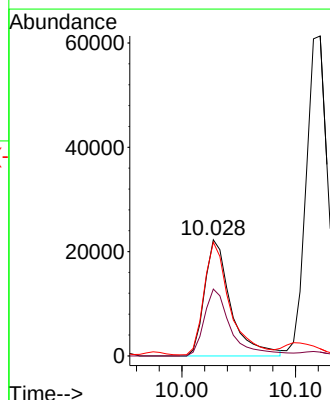
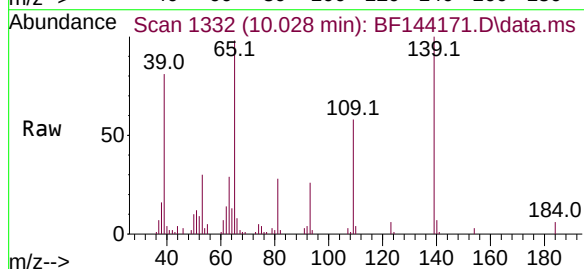
Tgt Ion:139 Resp: 35627

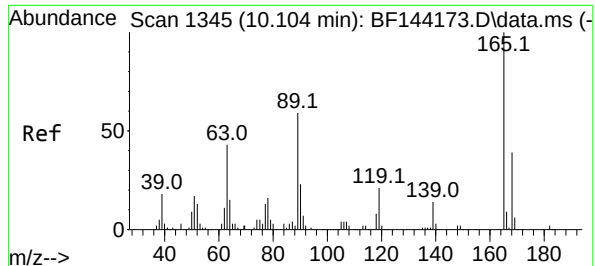
Ion Ratio Lower Upper

139 100

109 57.6 39.9 79.9

65 98.0 79.5 119.5

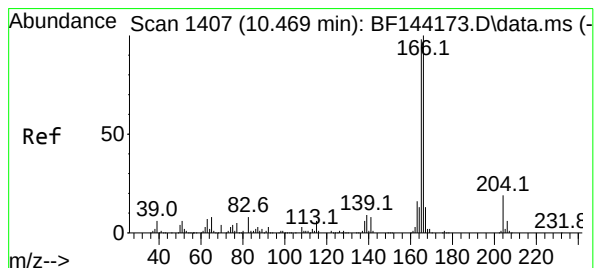
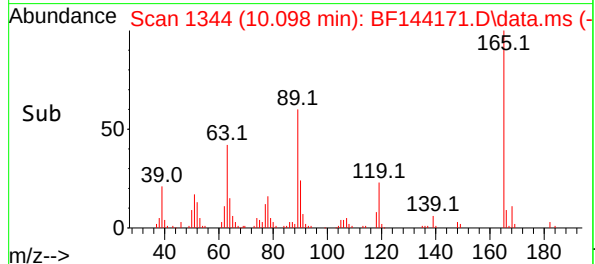
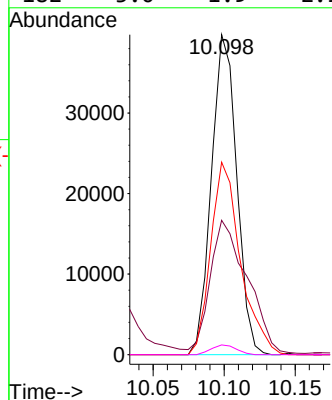
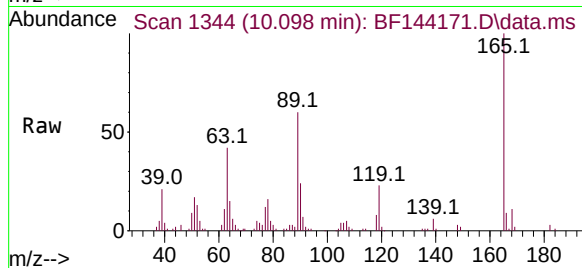




#57
2,4-Dinitrotoluene
Concen: 10.508 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

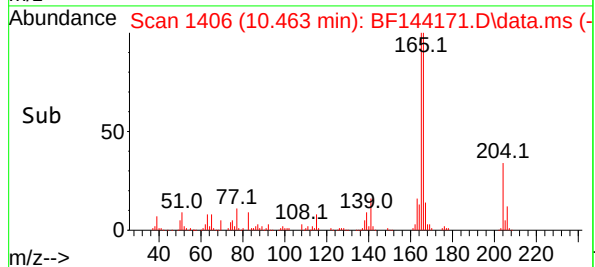
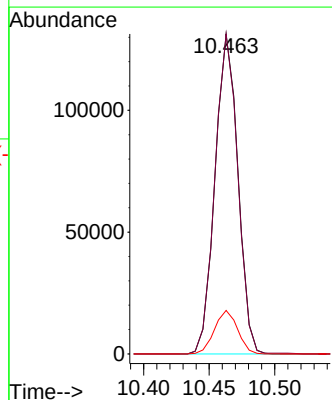
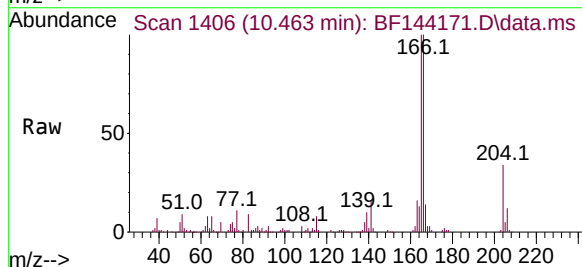
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

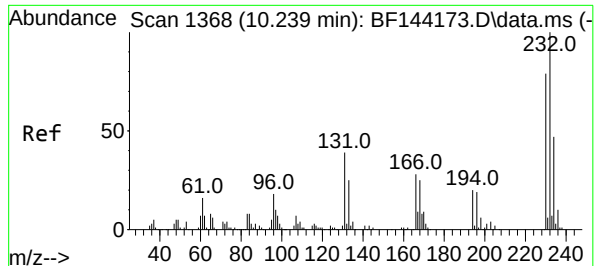
Tgt Ion:165 Resp: 49257
Ion Ratio Lower Upper
165 100
63 42.0 35.5 53.3
89 60.1 47.4 71.2
182 3.0 1.9 2.9#



#58
Fluorene
Concen: 10.581 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:166 Resp: 159623
Ion Ratio Lower Upper
166 100
165 99.9 78.6 118.0
167 13.6 10.4 15.6

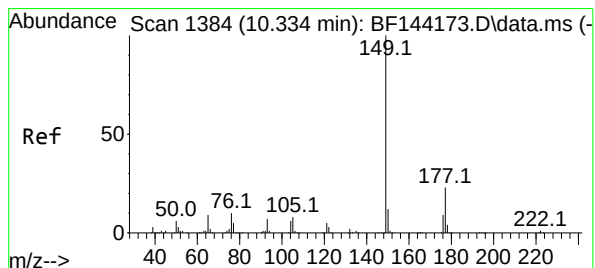
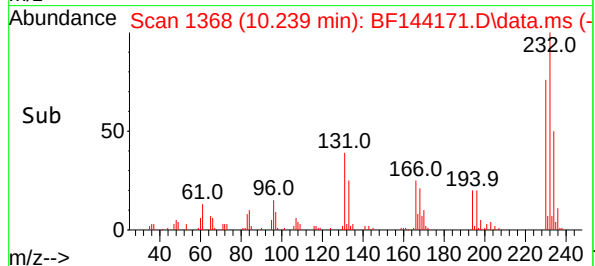
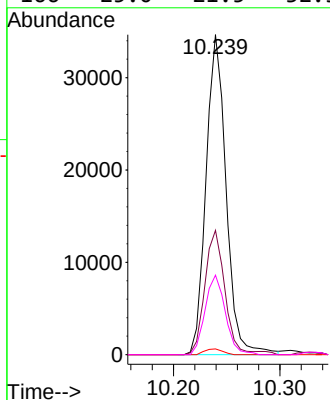
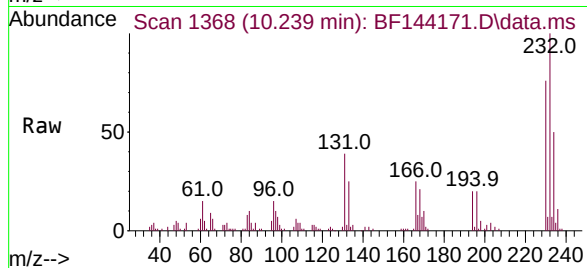




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.207 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

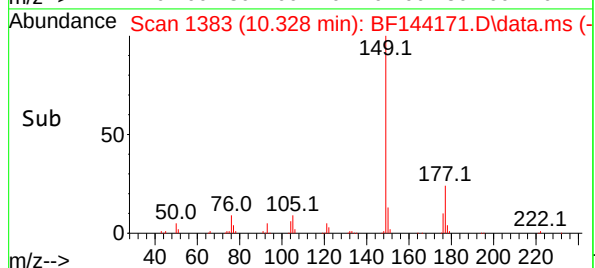
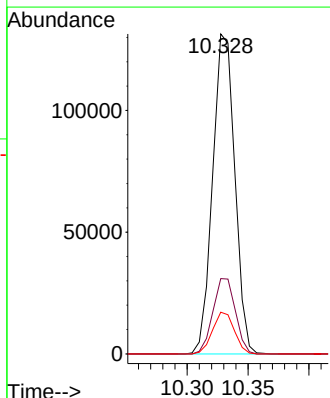
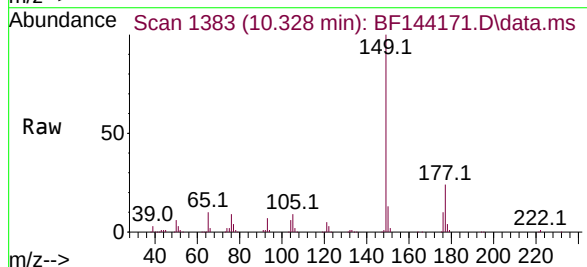
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

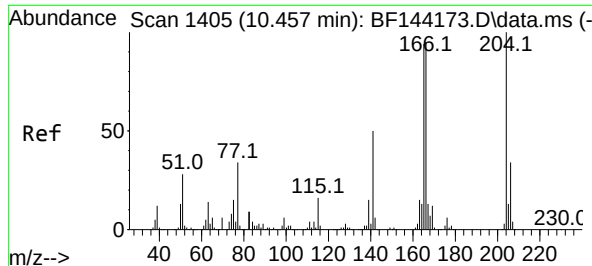
Tgt Ion:232 Resp: 45333
Ion Ratio Lower Upper
232 100
131 39.1 30.3 45.5
130 1.6 1.2 1.8
166 25.0 21.5 32.3



#60
Diethylphthalate
Concen: 10.426 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:149 Resp: 166246
Ion Ratio Lower Upper
149 100
177 23.5 18.3 27.5
150 13.0 9.8 14.6

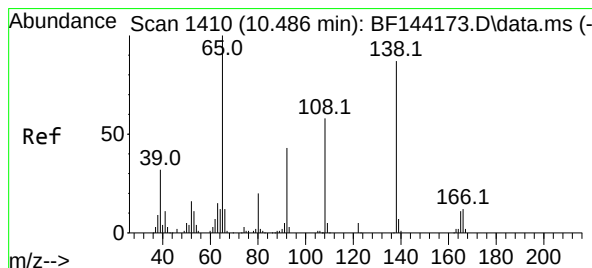
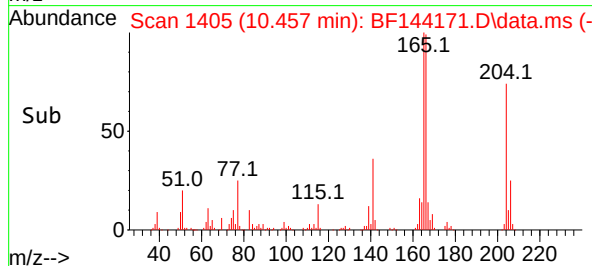
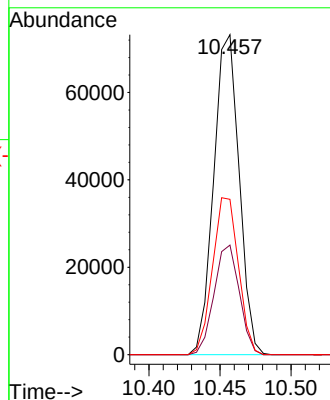
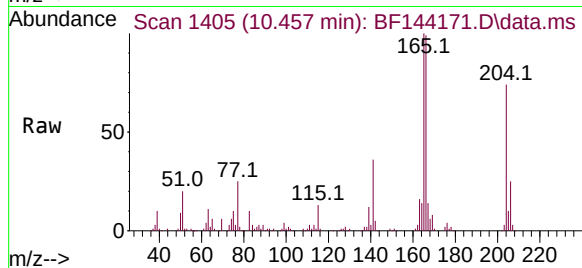




#61
4-Chlorophenyl-phenylether
Concen: 10.645 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

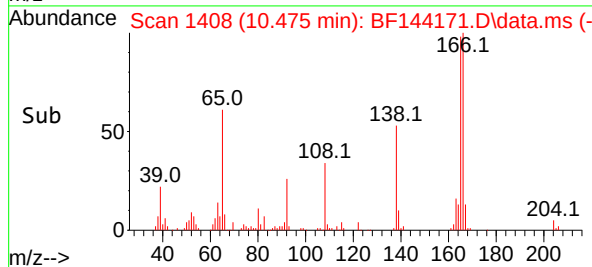
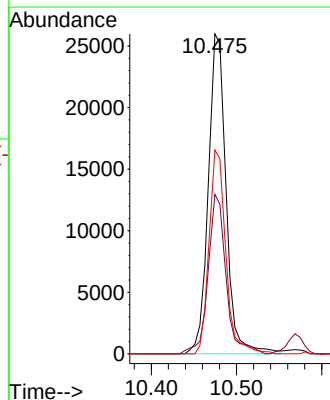
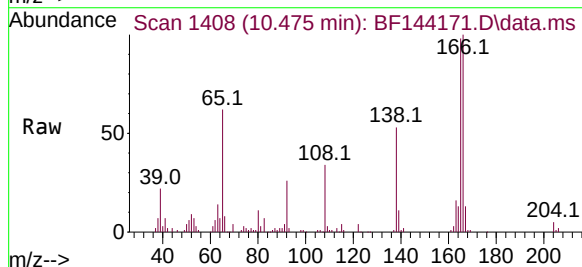
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

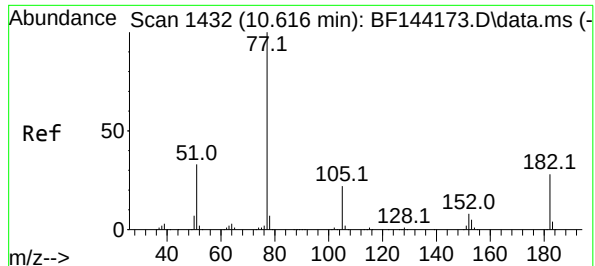
Tgt Ion:204 Resp: 91478
Ion Ratio Lower Upper
204 100
206 34.2 27.4 41.2
141 48.5 40.0 60.0



#62
4-Nitroaniline
Concen: 10.375 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.023 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:138 Resp: 37821
Ion Ratio Lower Upper
138 100
92 49.8 29.4 69.4
108 63.7 46.4 86.4

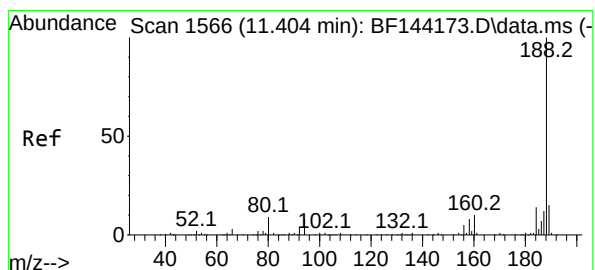
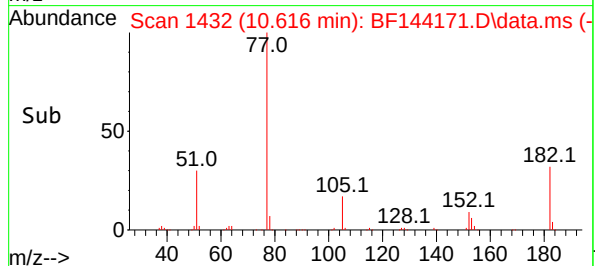
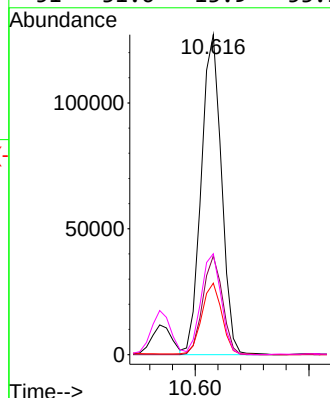
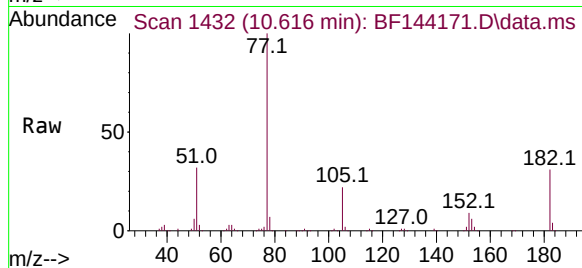




#63
Azobenzene
Concen: 10.586 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

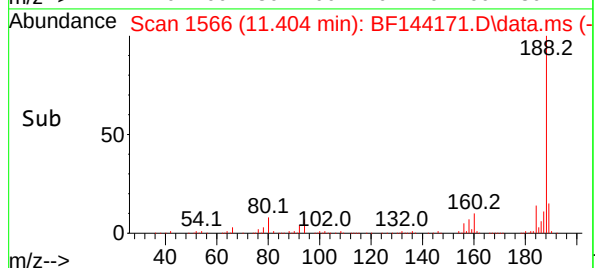
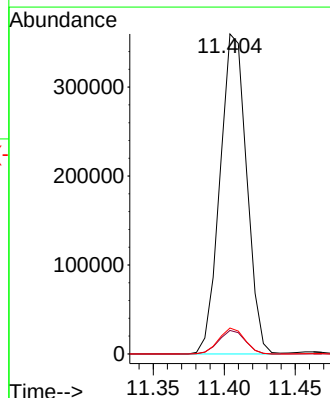
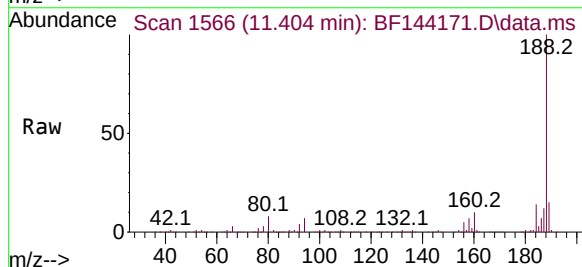
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

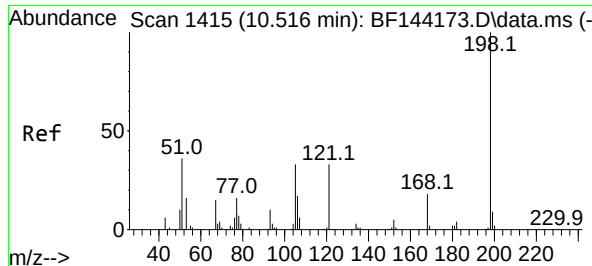
Tgt Ion:	77	Resp:	157098
Ion	Ratio	Lower	Upper
77	100		
182	30.8	8.1	48.1
105	22.3	2.0	42.0
51	31.6	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:	188	Resp:	469428
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.2
80	8.1	6.9	10.3

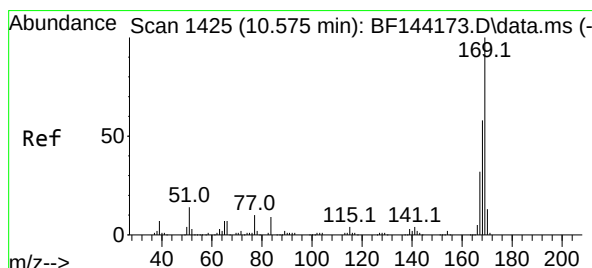
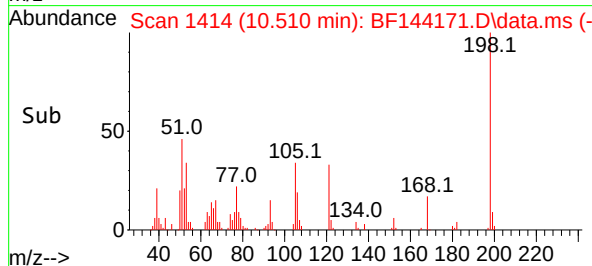
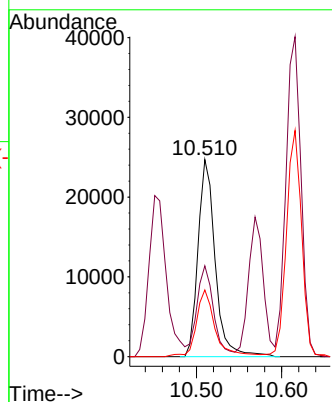
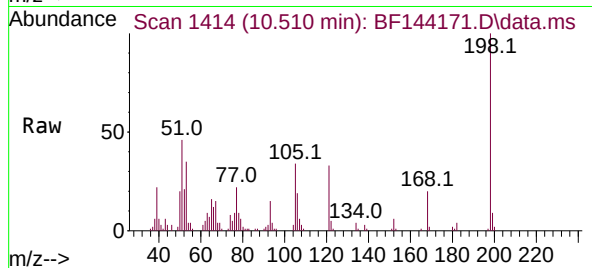




#65
4,6-Dinitro-2-methylphenol
Concen: 10.823 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

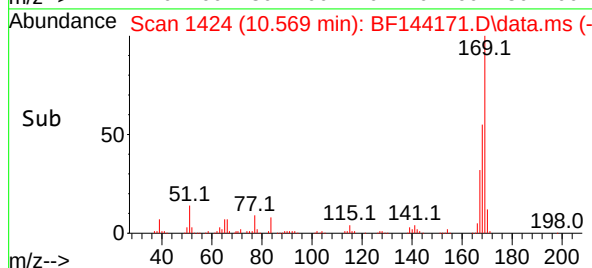
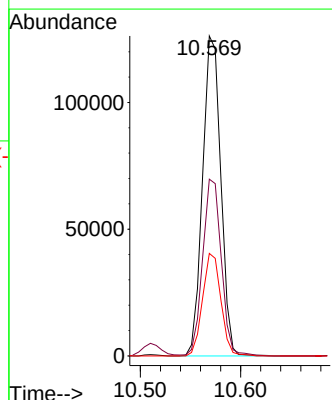
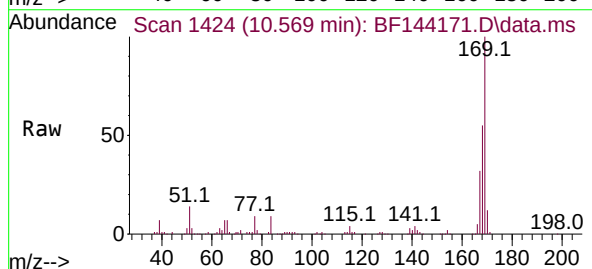
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

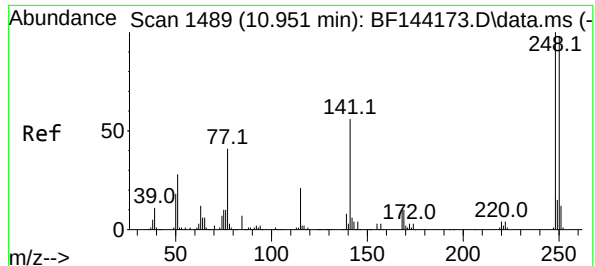
Tgt Ion	198	51	105
Resp:	34516		
Ion Ratio	100	46.1	33.8
Lower		25.6	14.6
Upper		65.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 10.509 ng
RT: 10.569 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion	169	168	167
Resp:	158661		
Ion Ratio	100	55.2	32.0
Lower		46.2	25.7
Upper		69.2	38.5

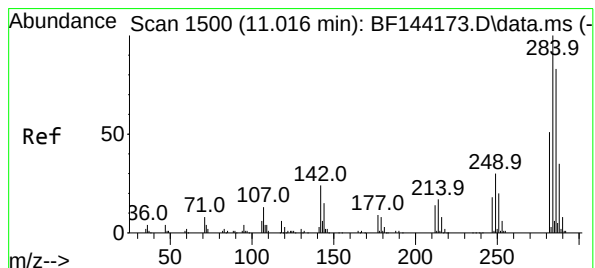
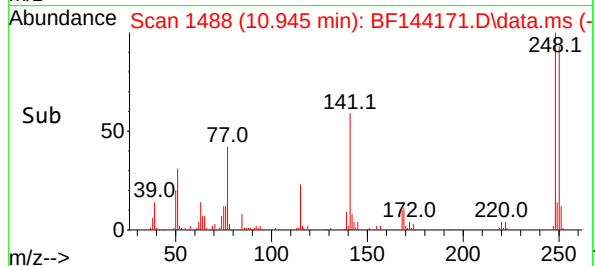
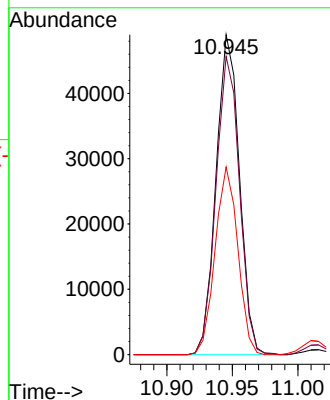
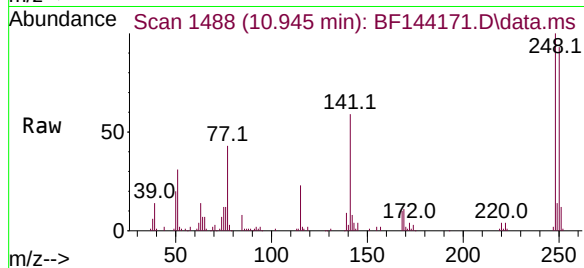




#67
4-Bromophenyl-phenylether
Concen: 10.169 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

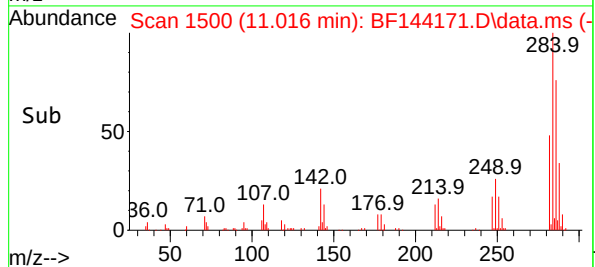
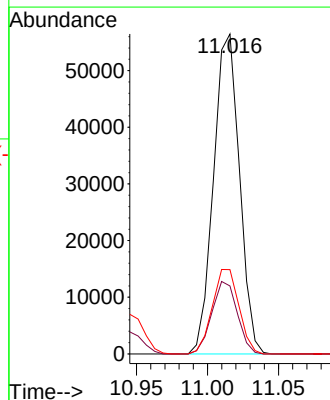
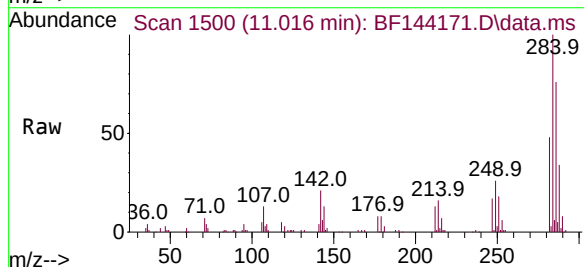
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

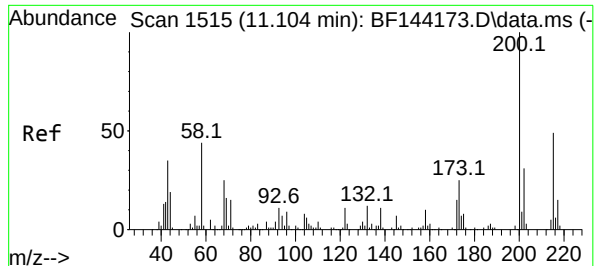
Tgt Ion:248 Resp: 60929
Ion Ratio Lower Upper
248 100
250 93.2 78.4 117.6
141 58.6 45.1 67.7



#68
Hexachlorobenzene
Concen: 10.168 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:284 Resp: 71759
Ion Ratio Lower Upper
284 100
142 21.2 19.2 28.8
249 26.3 23.8 35.8





#69

Atrazine

Concen: 10.302 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

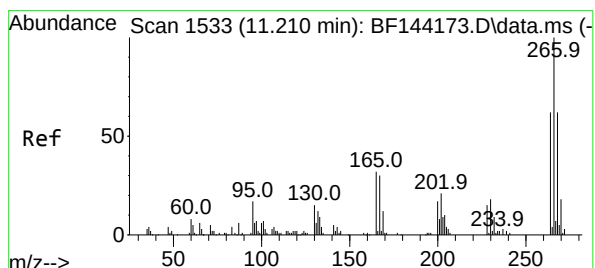
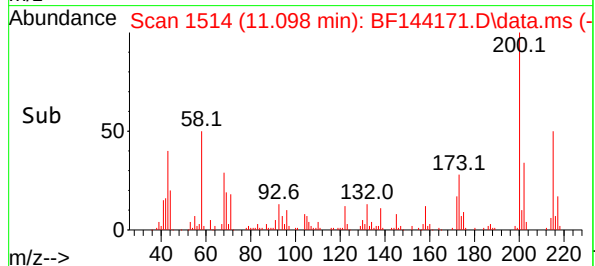
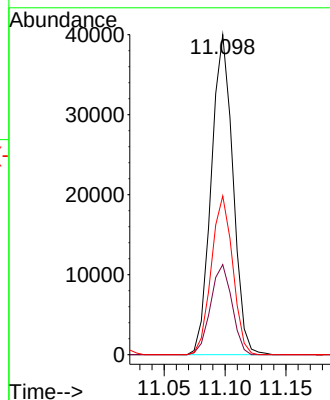
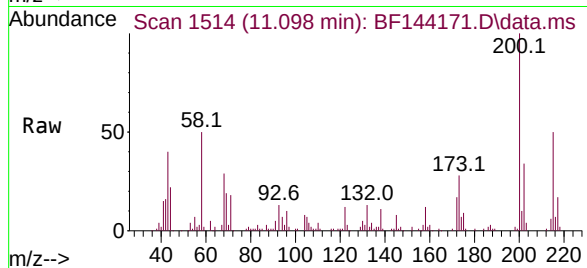
Tgt Ion:200 Resp: 49466

Ion Ratio Lower Upper

200 100

173 28.1 5.0 45.0

215 49.6 28.7 68.7



#70

Pentachlorophenol

Concen: 9.012 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

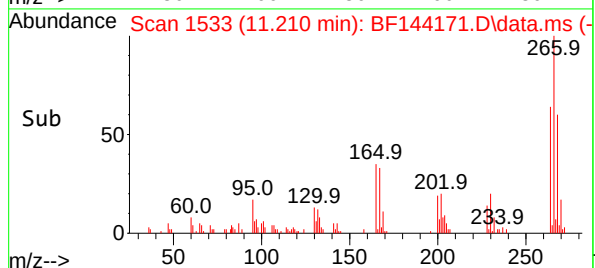
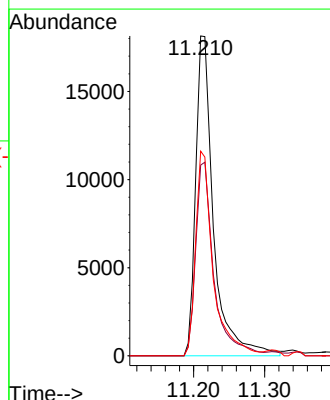
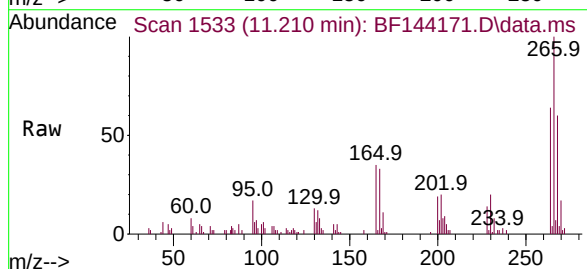
Tgt Ion:266 Resp: 31673

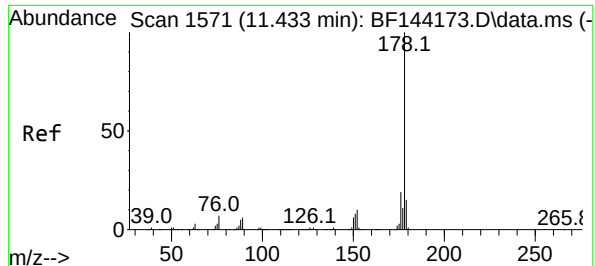
Ion Ratio Lower Upper

266 100

268 59.6 49.5 74.3

264 64.0 49.4 74.2

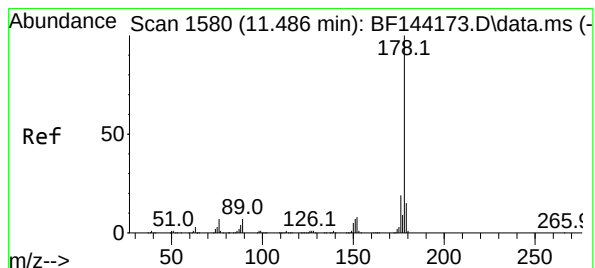
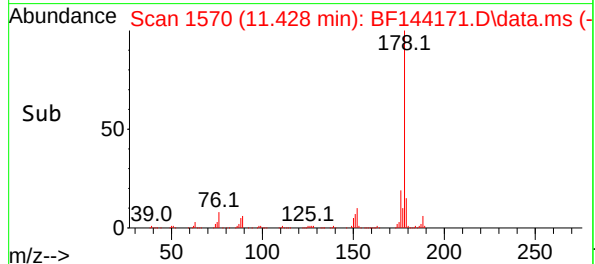
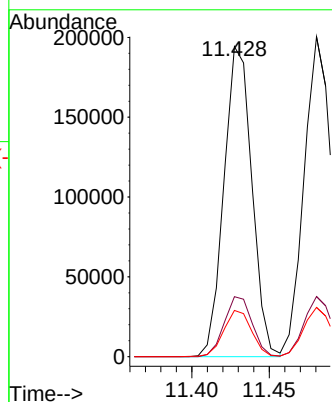
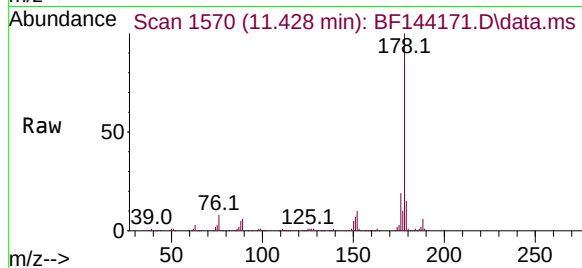




#71
Phenanthrene
Concen: 10.460 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

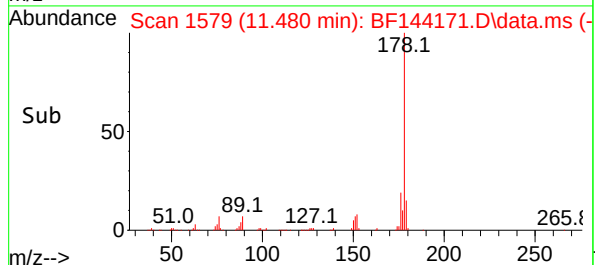
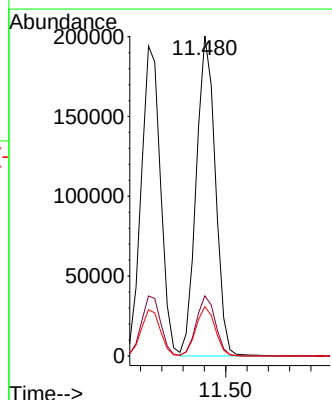
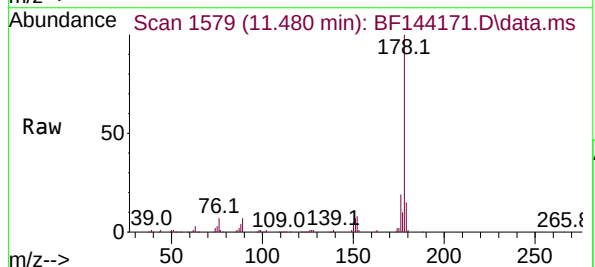
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

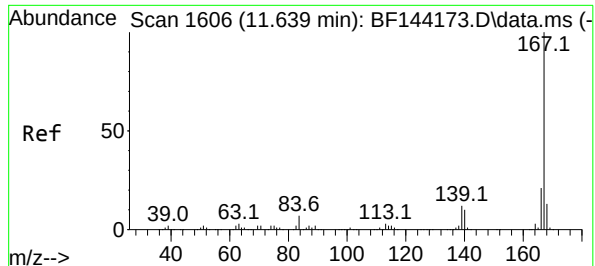
Tgt Ion:178 Resp: 244478
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 10.457 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

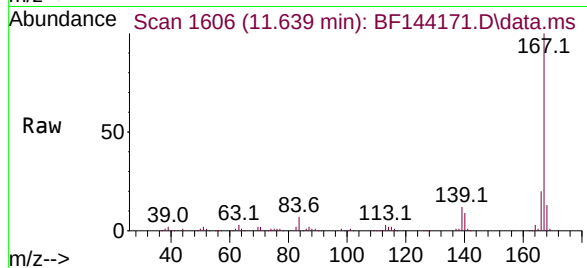
Tgt Ion:178 Resp: 248511
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.4 12.0 18.0



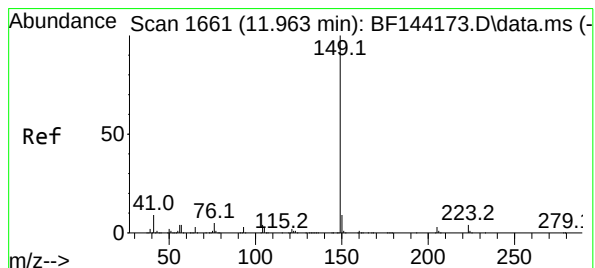
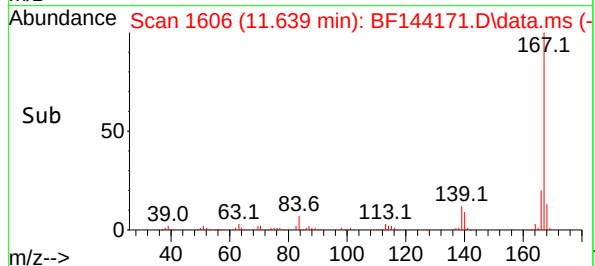
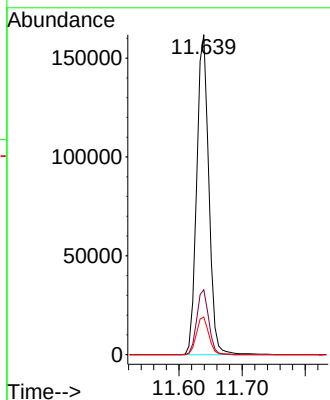


#73
Carbazole
Concen: 10.652 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC010

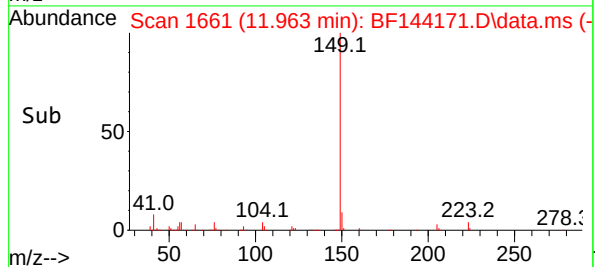
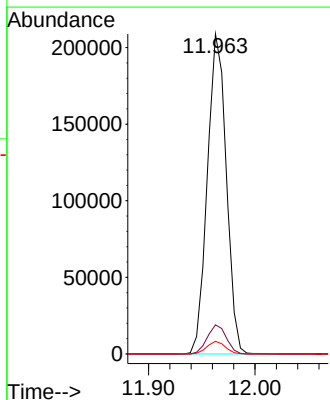
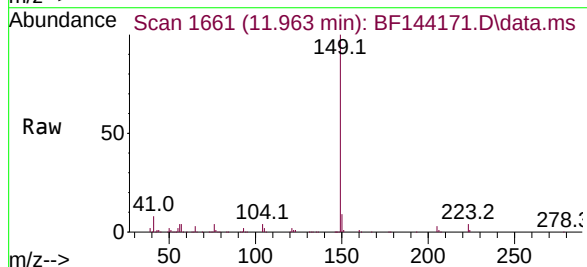


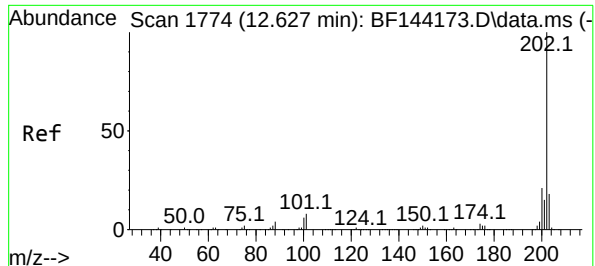
Tgt Ion:167 Resp: 215269
Ion Ratio Lower Upper
167 100
166 20.3 17.2 25.8
139 11.7 9.9 14.9



#74
Di-n-butylphthalate
Concen: 10.580 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

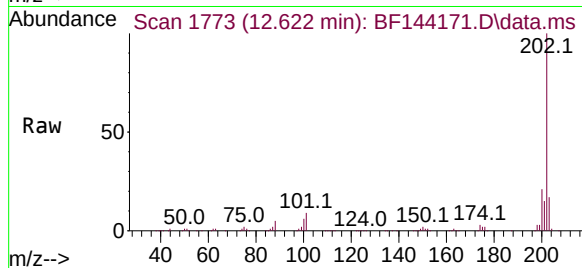
Tgt Ion:149 Resp: 258464
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 3.9 3.4 5.2



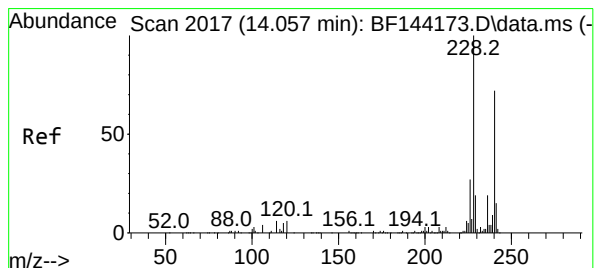
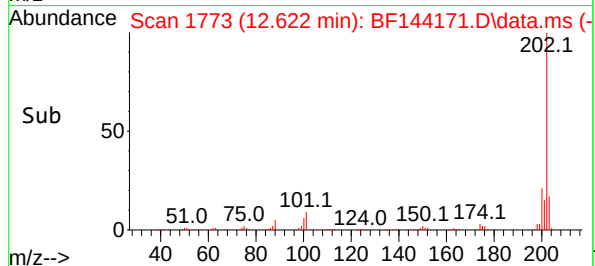
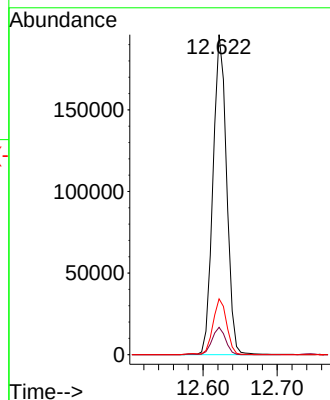


#75
Fluoranthene
Concen: 10.359 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

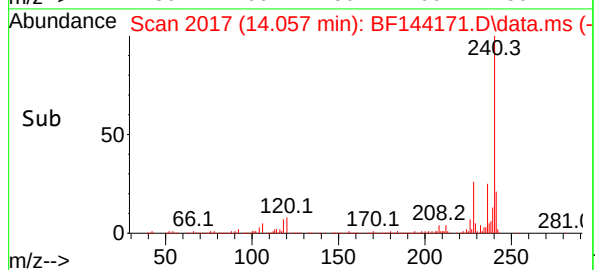
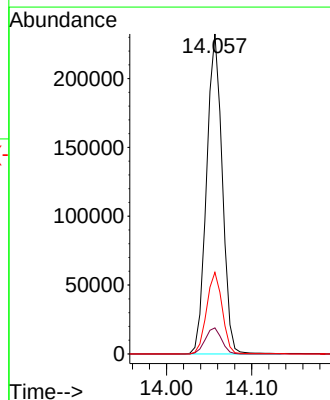
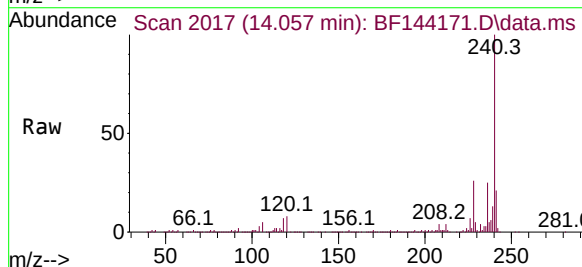


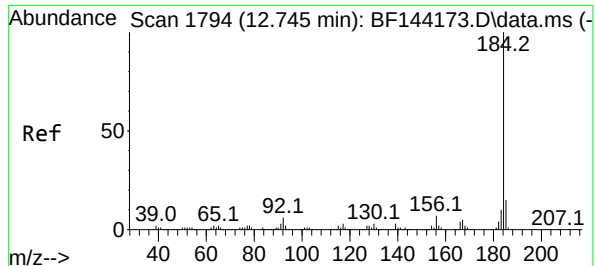
Tgt Ion:202 Resp: 250112
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:240 Resp: 296506
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.5 21.4 32.2





#77

Benzidine

Concen: 11.958 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

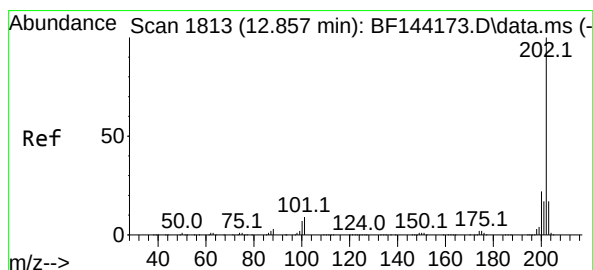
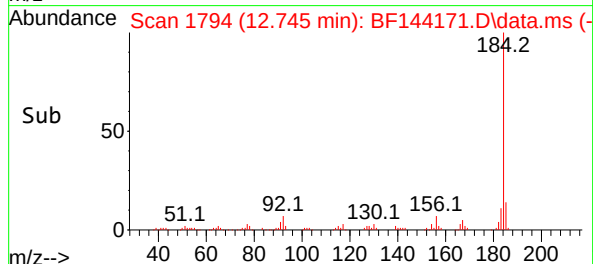
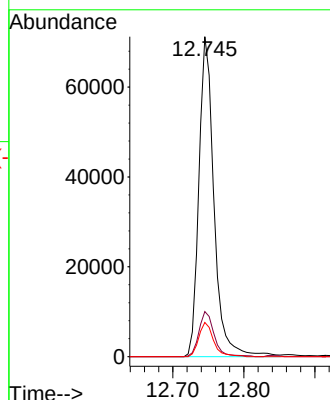
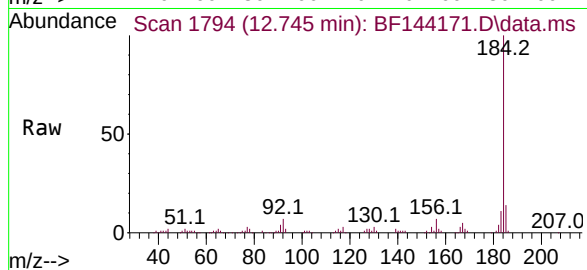
Tgt Ion:184 Resp: 104876

Ion Ratio Lower Upper

184 100

185 14.1 11.7 17.5

183 10.7 8.3 12.5



#78

Pyrene

Concen: 10.823 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

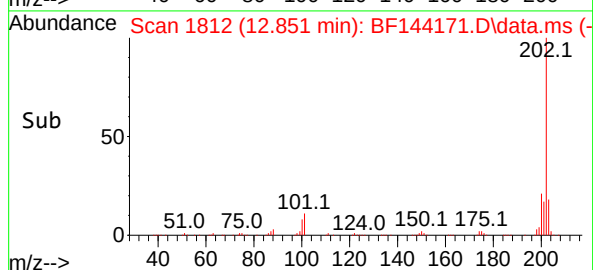
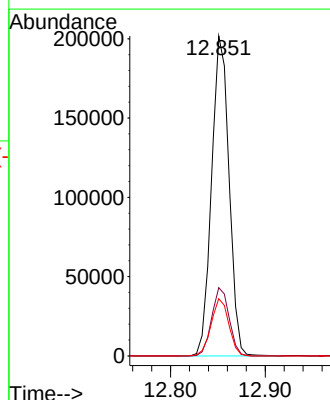
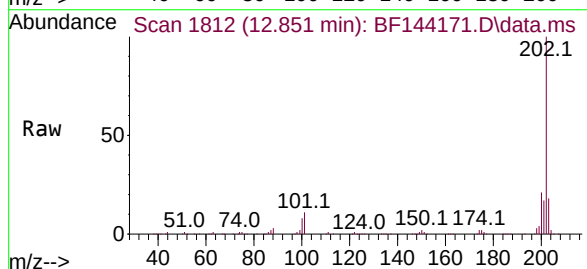
Tgt Ion:202 Resp: 258743

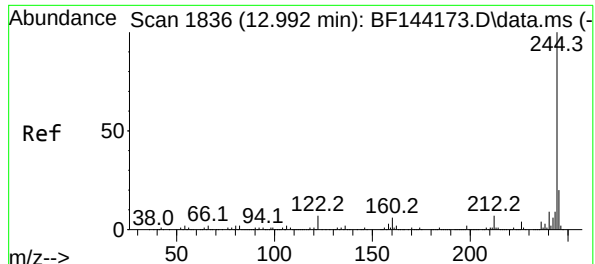
Ion Ratio Lower Upper

202 100

200 21.3 17.2 25.8

203 17.9 13.7 20.5





#79

Terphenyl-d14

Concen: 22.476 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144171.D

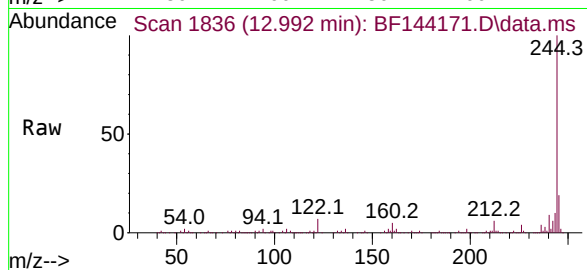
Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010



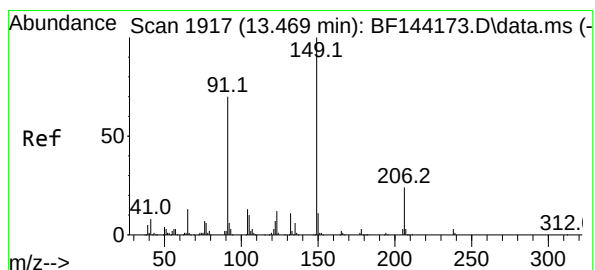
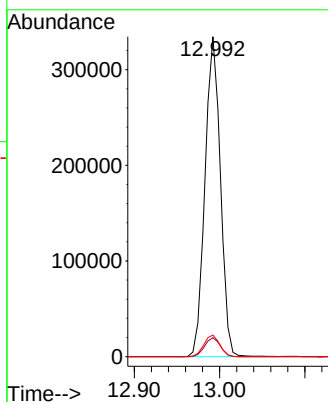
Tgt Ion:244 Resp: 419548

Ion Ratio Lower Upper

244 100

212 5.9 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 10.556 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

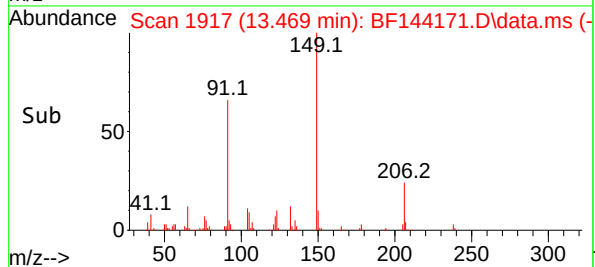
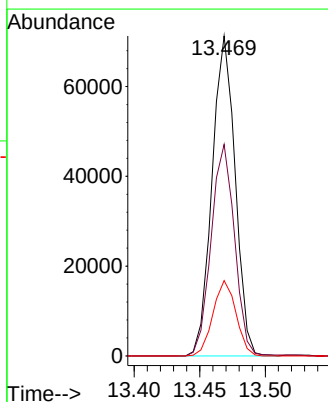
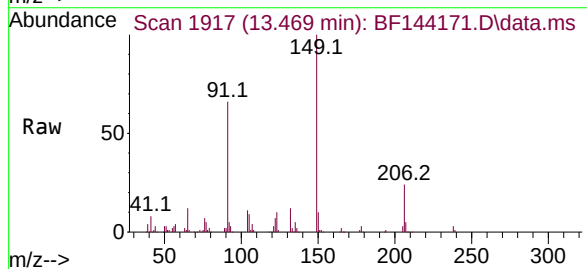
Tgt Ion:149 Resp: 87462

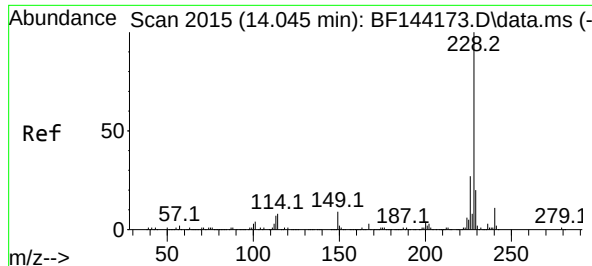
Ion Ratio Lower Upper

149 100

91 66.1 56.1 84.1

206 23.6 18.8 28.2

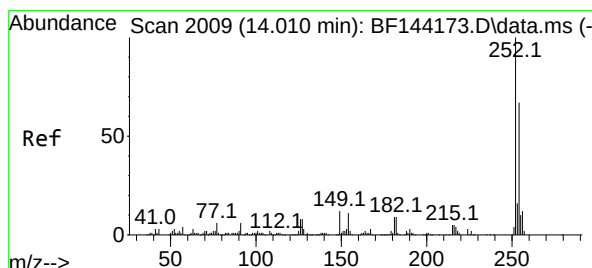
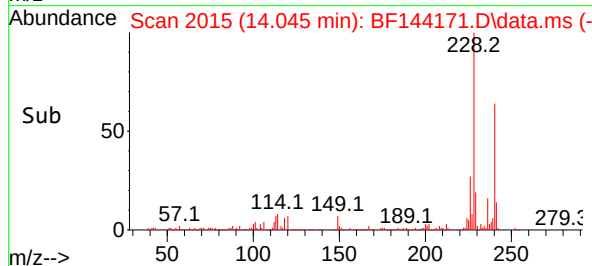
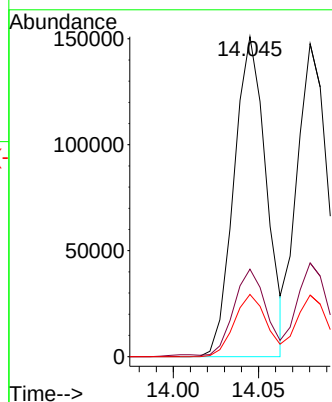
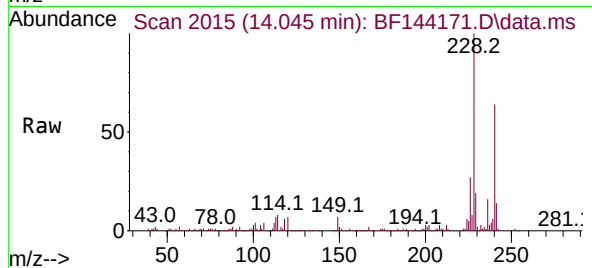




#81
Benzo(a)anthracene
Concen: 9.664 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

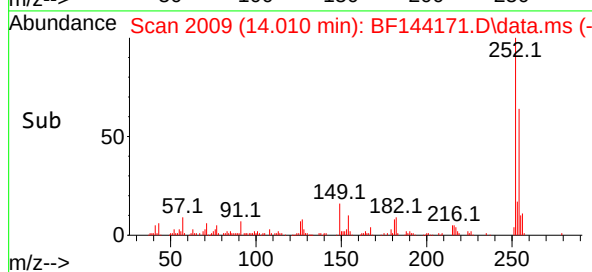
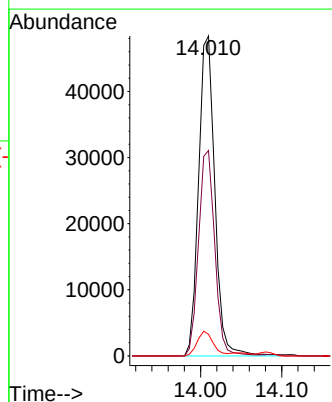
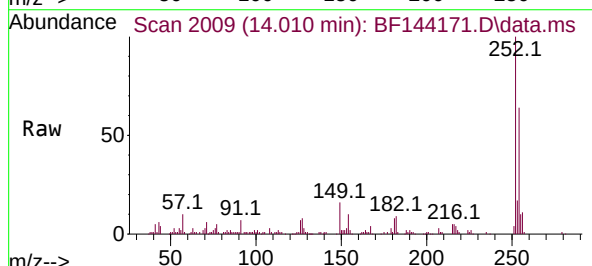
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

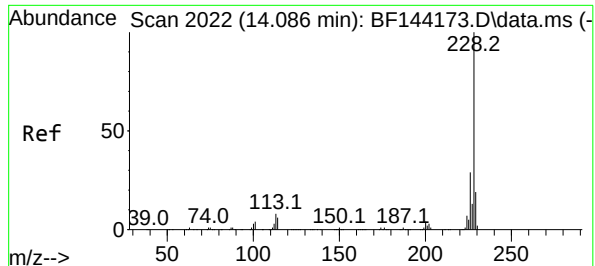
Tgt Ion:228 Resp: 198590
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 9.535 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:252 Resp: 67166
Ion Ratio Lower Upper
252 100
254 64.2 53.5 80.3
126 6.7 6.4 9.6





#83

Chrysene

Concen: 9.731 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

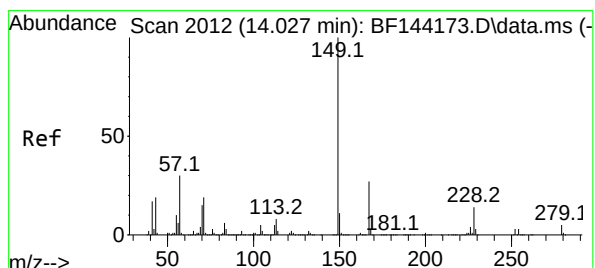
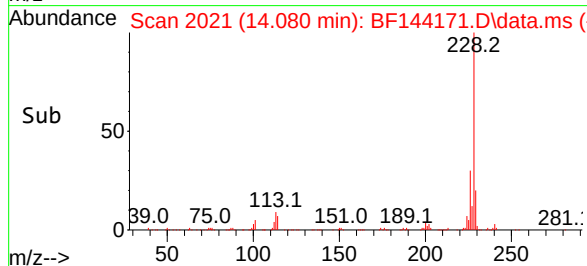
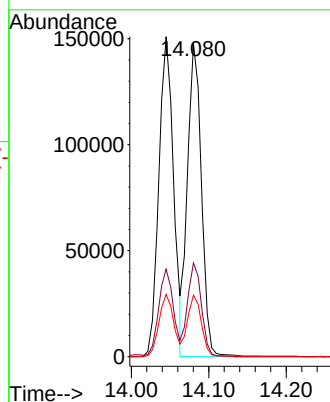
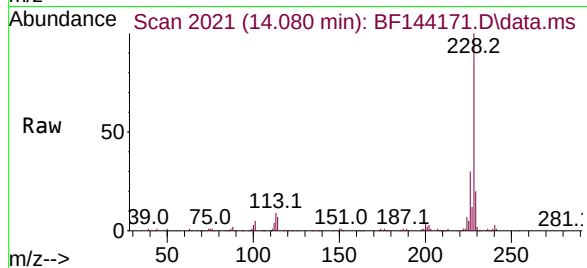
Tgt Ion:228 Resp: 184604

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.662 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

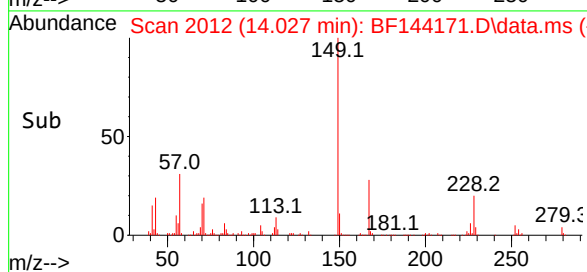
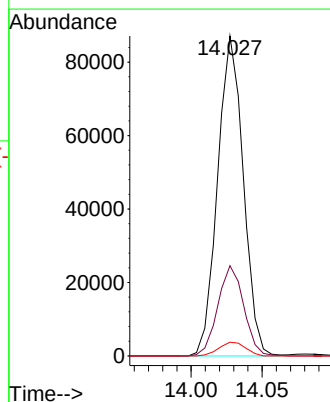
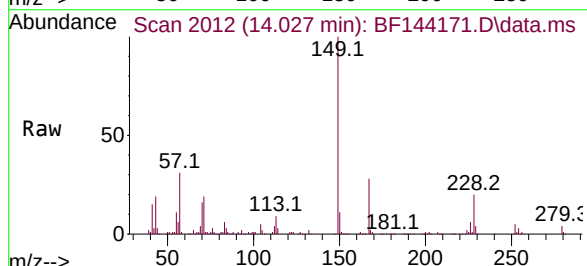
Tgt Ion:149 Resp: 109593

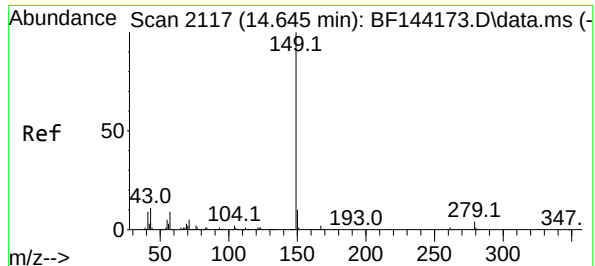
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.3 3.7 5.5

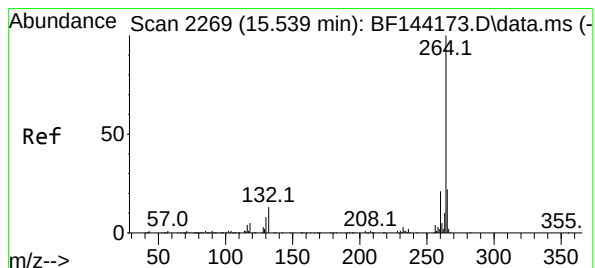
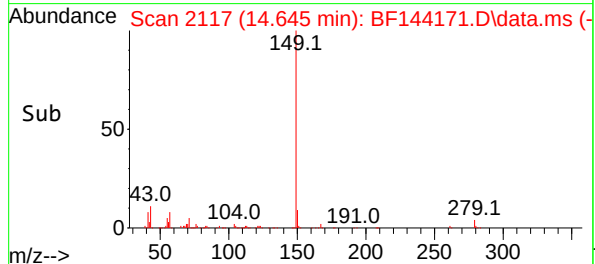
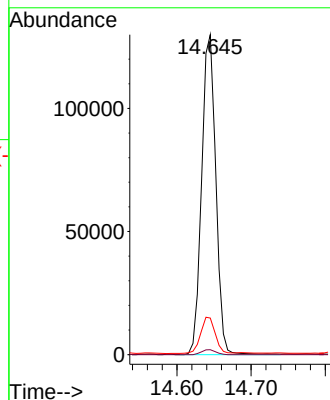
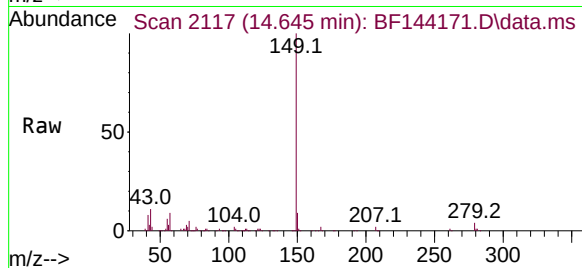




#85
Di-n-octyl phthalate
Concen: 8.811 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

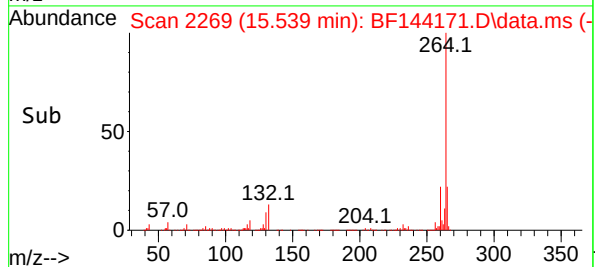
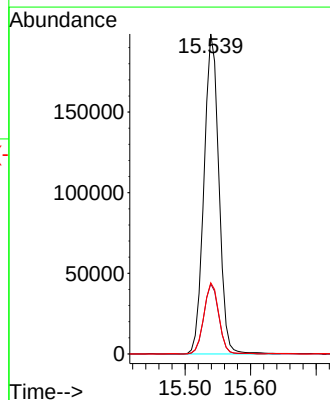
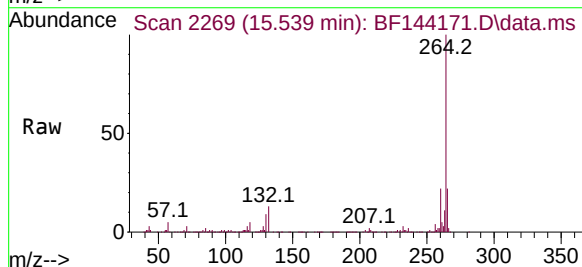
Instrument :
BNA_F
ClientSampleId :
SSTDICC010

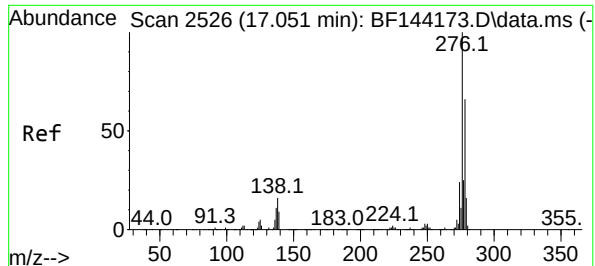
Tgt Ion:149 Resp: 172428
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.7 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:264 Resp: 311371
Ion Ratio Lower Upper
264 100
260 21.9 17.1 25.7
265 22.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.831 ng

RT: 17.039 min Scan# 219736

Delta R.T. -0.023 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC010

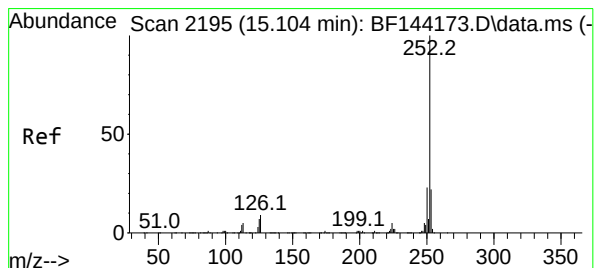
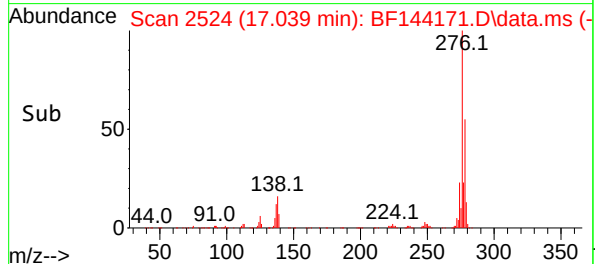
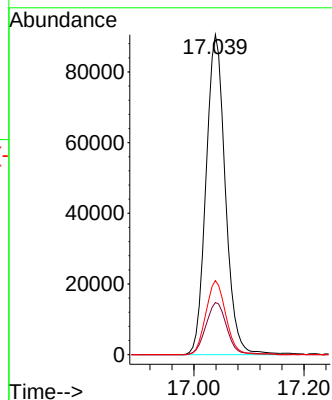
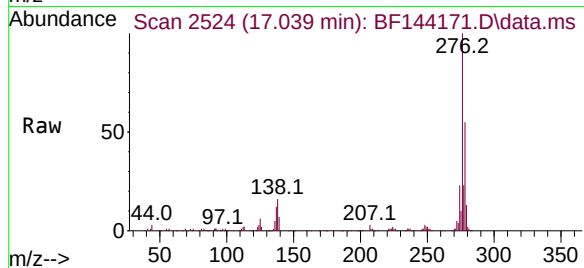
Tgt Ion:276 Resp: 219736

Ion Ratio Lower Upper

276 100

138 17.7 13.9 20.9

277 23.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 9.963 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

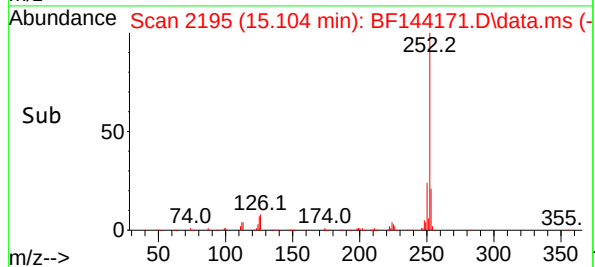
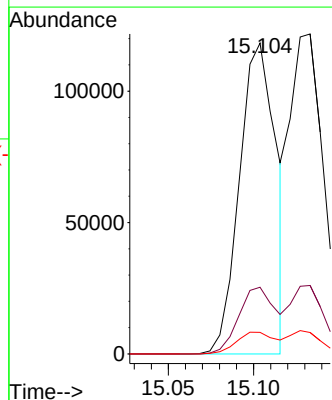
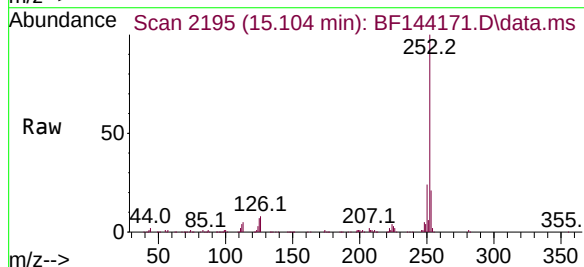
Tgt Ion:252 Resp: 176369

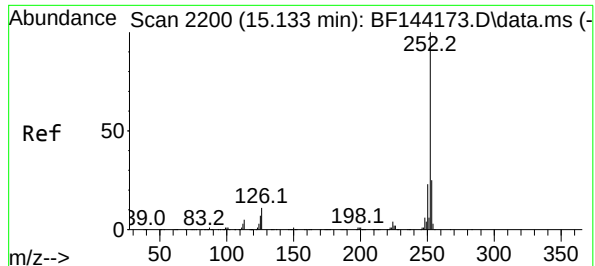
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 6.9 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 10.283 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC010

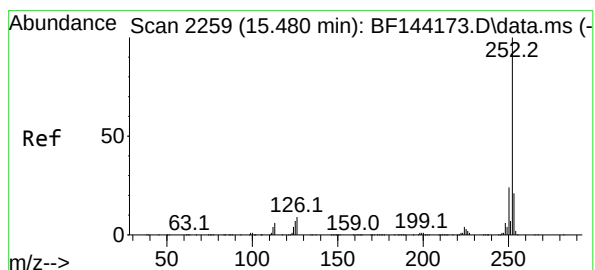
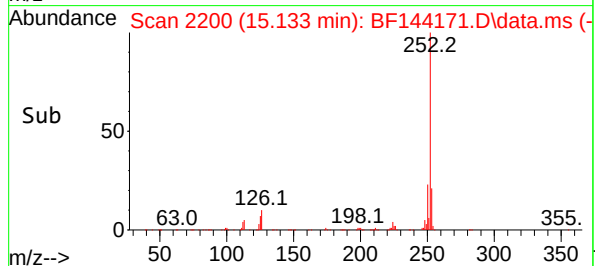
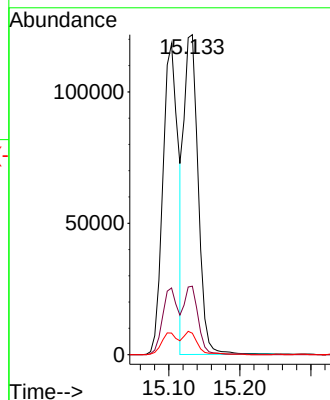
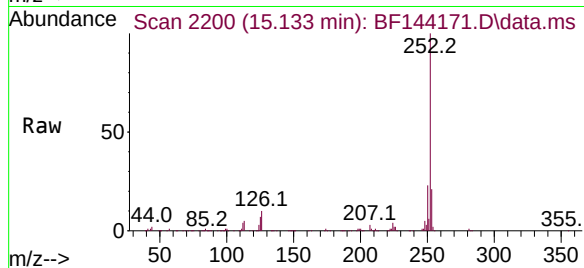
Tgt Ion:252 Resp: 170386

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 10.013 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144171.D

Acq: 05 Nov 2025 13:50

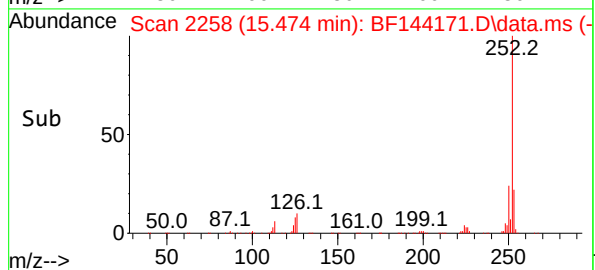
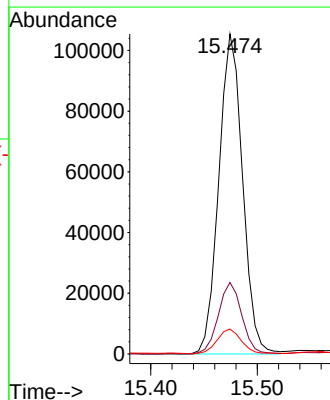
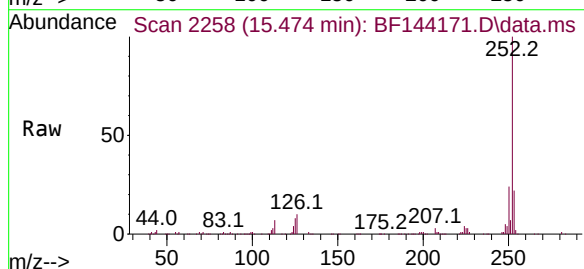
Tgt Ion:252 Resp: 163529

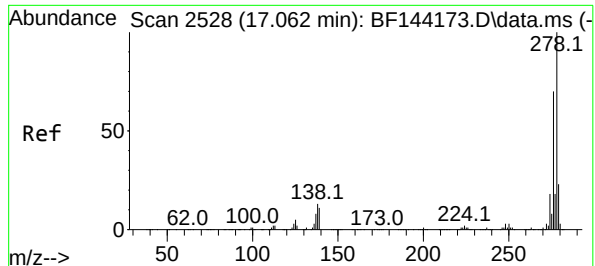
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

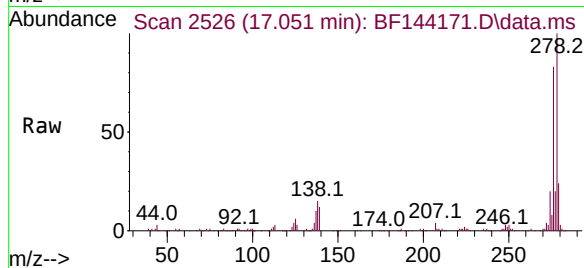
125 7.8 5.7 8.5



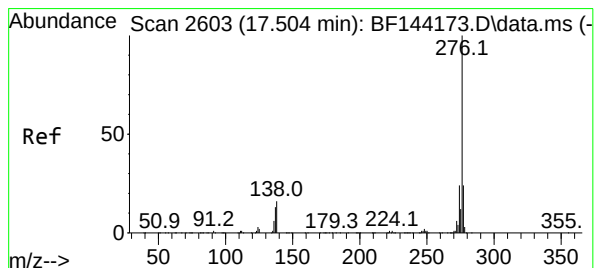
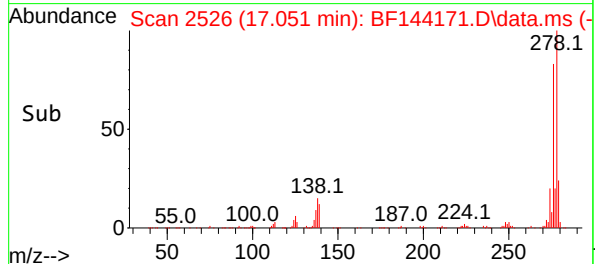
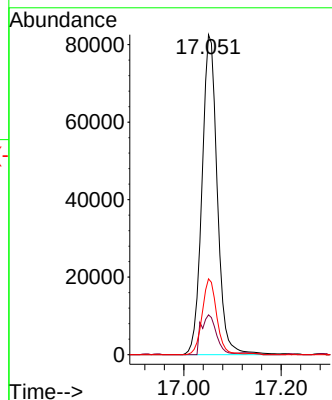


#91
Dibenzo(a,h)anthracene
Concen: 10.016 ng
RT: 17.051 min Scan# 2526
Delta R.T. -0.029 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

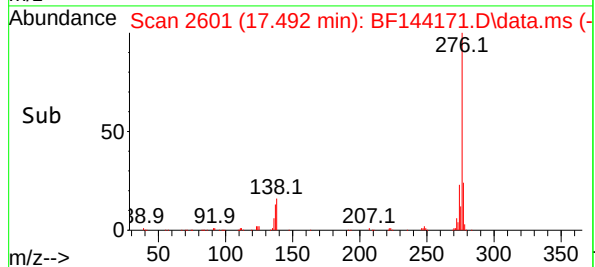
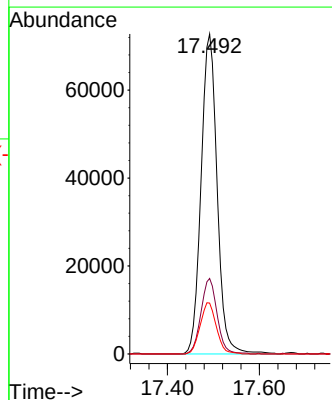
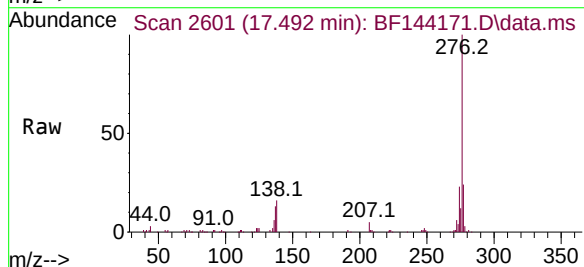


Tgt Ion:278 Resp: 179793
Ion Ratio Lower Upper
278 100
139 12.5 9.1 13.7
279 23.7 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 9.877 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.029 min
Lab File: BF144171.D
Acq: 05 Nov 2025 13:50

Tgt Ion:276 Resp: 175090
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 15.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	97055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	380834	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	220087	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	388430	20.000	ng	0.00
76) Chrysene-d12	14.057	240	250706	20.000	ng	0.00
86) Perylene-d12	15.539	264	297677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	255468	41.191	ng	0.00
7) Phenol-d6	6.498	99	293338	41.742	ng	-0.01
23) Nitrobenzene-d5	7.434	82	265652	40.287	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	112928	40.889	ng	-0.01
45) 2-Fluorobiphenyl	9.234	172	599169	40.208	ng	0.00
79) Terphenyl-d14	12.992	244	638611	40.461	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.611	88	50319	19.624	ng	99
3) Pyridine	3.387	79	144716	20.230	ng	97
4) n-Nitrosodimethylamine	3.322	42	70474	18.860	ng	99
6) Aniline	6.534	93	205178	20.492	ng	100
8) 2-Chlorophenol	6.657	128	125443	20.624	ng	99
9) Benzaldehyde	6.428	77	88978	22.422	ng	99
10) Phenol	6.516	94	178562	20.797	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	130219	20.814	ng	98
12) 1,3-Dichlorobenzene	6.816	146	153679	20.476	ng	97
13) 1,4-Dichlorobenzene	6.893	146	153656	20.435	ng	99
14) 1,2-Dichlorobenzene	7.046	146	144447	20.042	ng	99
15) Benzyl Alcohol	7.016	79	115331	20.726	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	242281	21.029	ng	95
17) 2-Methylphenol	7.122	107	97725	20.196	ng	96
18) Hexachloroethane	7.387	117	51648	20.675	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	96676	20.897	ng	99
20) 3+4-Methylphenols	7.275	107	118666	20.804	ng	94
22) Acetophenone	7.281	105	165374	20.242	ng	97
24) Nitrobenzene	7.457	77	143192	20.000	ng	97
25) Isophorone	7.693	82	254863	20.434	ng	97
26) 2-Nitrophenol	7.775	139	72909	20.572	ng	97
27) 2,4-Dimethylphenol	7.804	122	100827	18.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	157029	20.161	ng	96
29) 2,4-Dichlorophenol	8.016	162	125803	20.548	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	126402	20.106	ng	96
31) Naphthalene	8.181	128	373973	20.643	ng	99
32) Benzoic acid	7.916	122	83801	21.522	ng	97
33) 4-Chloroaniline	8.228	127	135273	20.474	ng	99
34) Hexachlorobutadiene	8.292	225	95971	20.255	ng	99
35) Caprolactam	8.587	113	35272	21.028	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	115603	21.069	ng	99
37) 2-Methylnaphthalene	8.869	142	253201	20.905	ng	99
38) 1-Methylnaphthalene	8.969	142	240612	20.588	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	144980	20.100	ng	99
41) Hexachlorocyclopentadiene	9.022	237	31247	18.527	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	98855	20.136	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144172.D
 Acq On : 05 Nov 2025 14:20
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Nov 05 17:23:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

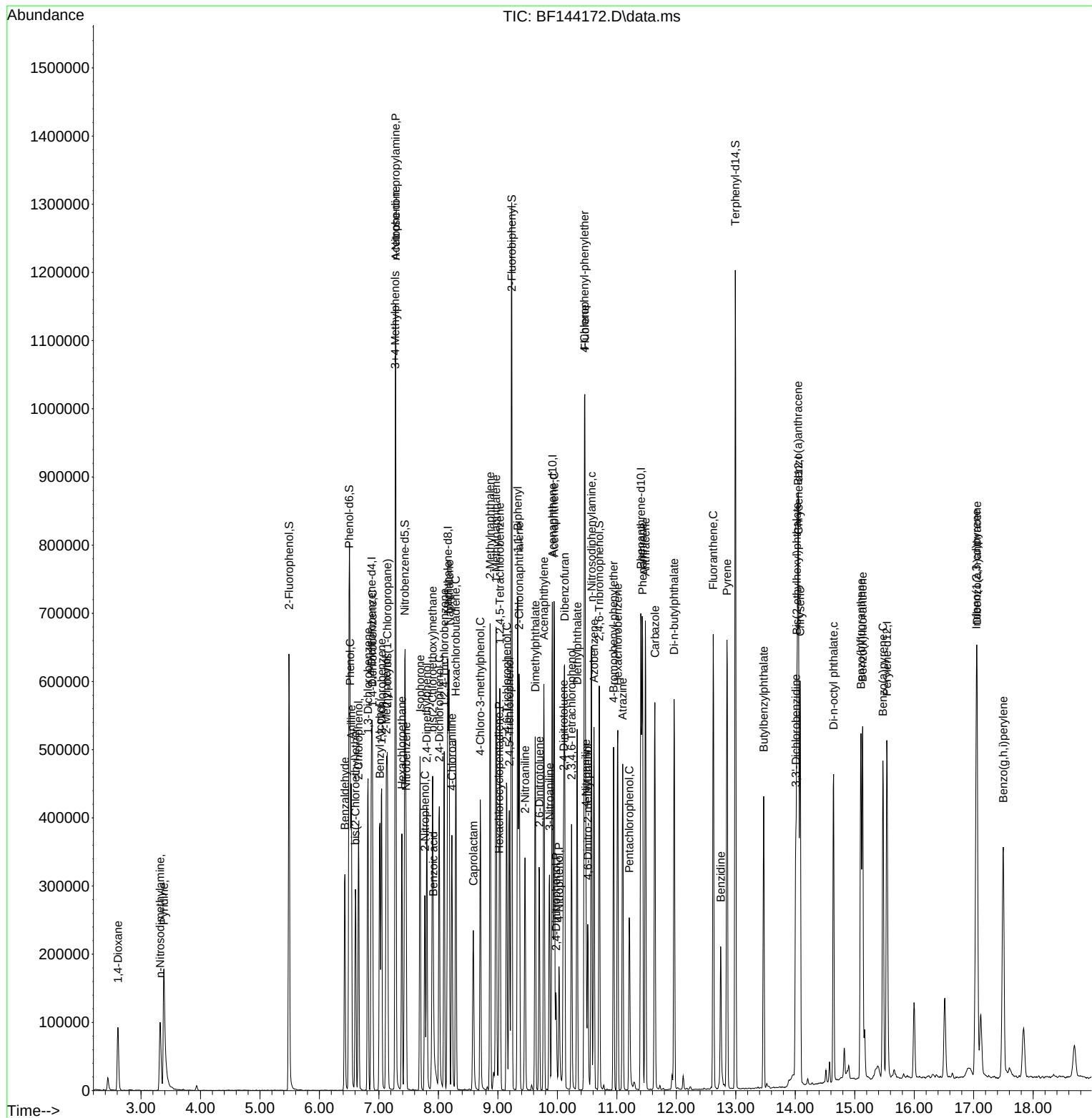
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	109277	20.653	ng	98
46) 1,1'-Biphenyl	9.334	154	313667	20.417	ng	99
47) 2-Chloronaphthalene	9.357	162	265522	20.262	ng	99
48) 2-Nitroaniline	9.457	65	76785	20.308	ng	97
49) Acenaphthylene	9.775	152	369018	20.664	ng	98
50) Dimethylphthalate	9.628	163	299125	20.516	ng	99
51) 2,6-Dinitrotoluene	9.698	165	59656	20.212	ng	96
52) Acenaphthene	9.945	154	246497	20.641	ng	99
53) 3-Nitroaniline	9.869	138	66539	20.623	ng	98
54) 2,4-Dinitrophenol	9.981	184	36453	20.453	ng	96
55) Dibenzofuran	10.122	168	348955	20.864	ng	98
56) 4-Nitrophenol	10.028	139	44352	19.003	ng	99
57) 2,4-Dinitrotoluene	10.104	165	81812	20.706	ng	98
58) Fluorene	10.463	166	263546	20.725	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	73978	19.762	ng	97
60) Diethylphthalate	10.334	149	276008	20.535	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	149181	20.595	ng	99
62) 4-Nitroaniline	10.481	138	64484	20.987	ng	97
63) Azobenzene	10.616	77	252025	20.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	53585	20.307	ng	99
66) n-Nitrosodiphenylamine	10.575	169	246642	19.743	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98958	19.959	ng	98
68) Hexachlorobenzene	11.016	284	118426	20.279	ng	94
69) Atrazine	11.098	200	83639	21.052	ng	98
70) Pentachlorophenol	11.210	266	55766	19.177	ng	99
71) Phenanthrene	11.433	178	382805	19.794	ng	99
72) Anthracene	11.481	178	399043	20.292	ng	98
73) Carbazole	11.639	167	342636	20.490	ng	99
74) Di-n-butylphthalate	11.963	149	418262	20.691	ng	100
75) Fluoranthene	12.622	202	408870	20.466	ng	99
77) Benzidine	12.745	184	130033	17.535	ng	100
78) Pyrene	12.851	202	408920	20.229	ng	99
80) Butylbenzylphthalate	13.469	149	137856	19.677	ng	99
81) Benzo(a)anthracene	14.045	228	333458	19.191	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	115478	19.389	ng	96
83) Chrysene	14.080	228	320726	19.995	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	189305	19.738	ng	100
85) Di-n-octyl phthalate	14.645	149	318841	19.268	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	430691	20.155	ng	99
88) Benzo(b)fluoranthene	15.104	252	331673	19.598	ng	100
89) Benzo(k)fluoranthene	15.133	252	322479	20.358	ng	98
90) Benzo(a)pyrene	15.474	252	314894	20.169	ng	97
91) Dibenzo(a,h)anthracene	17.057	278	349788	20.383	ng	99
92) Benzo(g,h,i)perylene	17.498	276	343144	20.248	ng	99

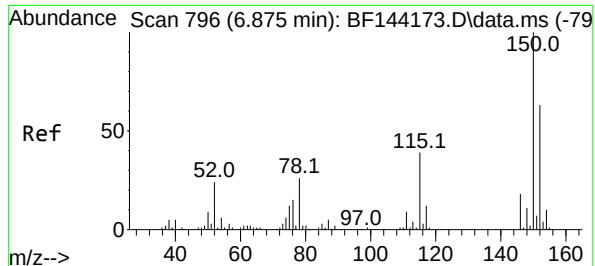
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144172.D  
Acq On    : 05 Nov 2025  14:20  
Operator  : RC/JU  
Sample    : SSTDICC020  
Misc      :  
ALS Vial  : 5    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Nov 05 17:23:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

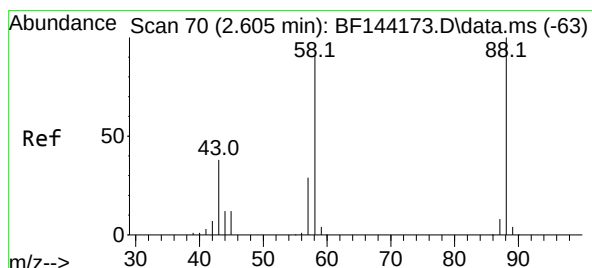
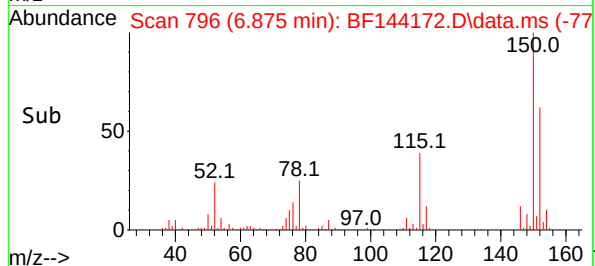
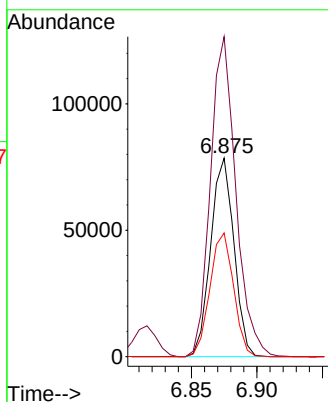
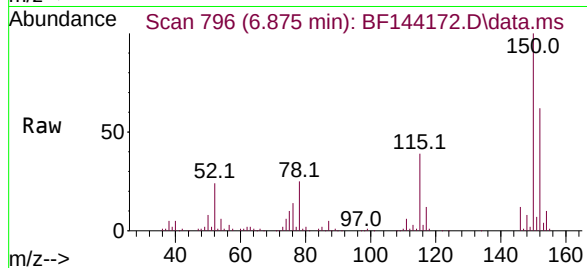




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

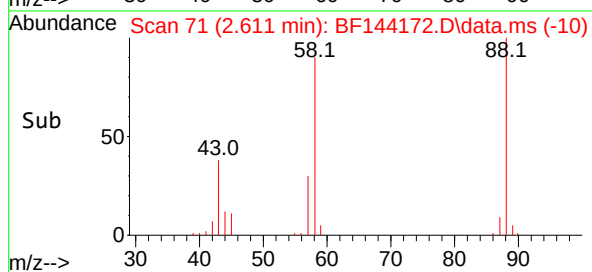
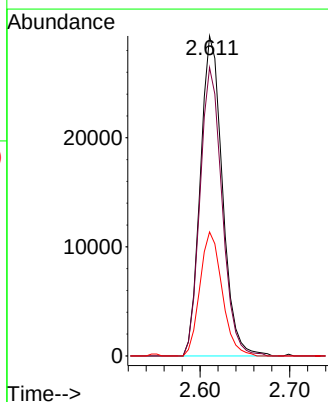
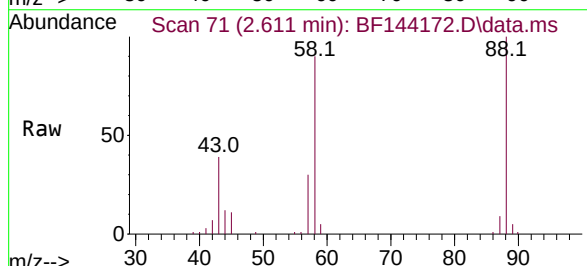
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

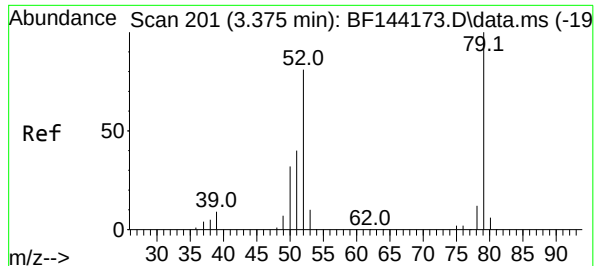
Tgt Ion:152 Resp: 97055
Ion Ratio Lower Upper
152 100
150 161.2 127.4 191.0
115 62.2 49.5 74.3



#2
1,4-Dioxane
Concen: 19.624 ng
RT: 2.611 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 88 Resp: 50319
Ion Ratio Lower Upper
88 100
58 89.7 73.1 109.7
43 38.8 31.0 46.6

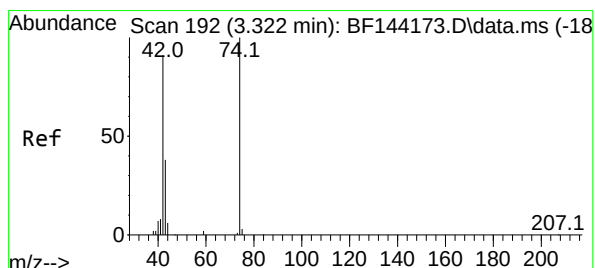
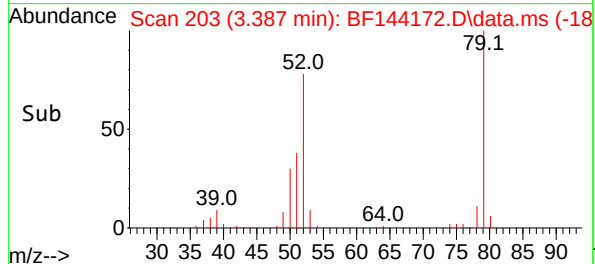
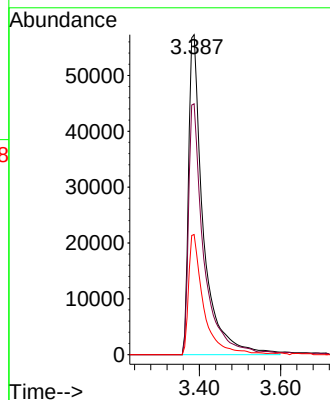
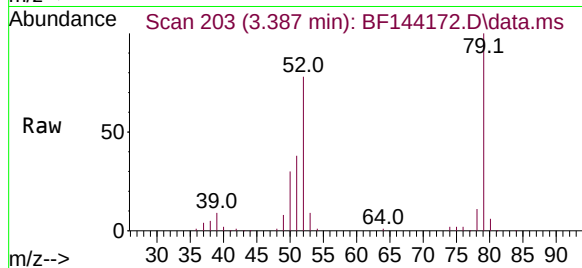




#3
Pyridine
Concen: 20.230 ng
RT: 3.387 min Scan# 201
Delta R.T. 0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

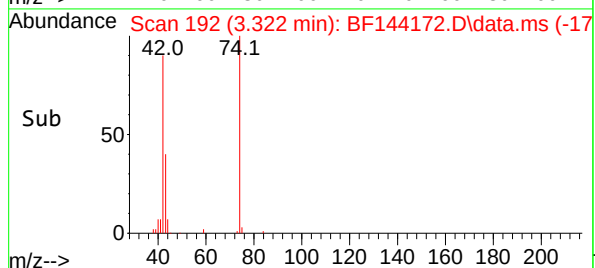
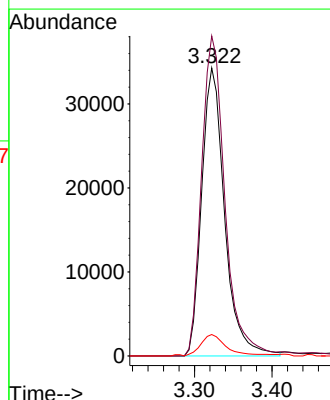
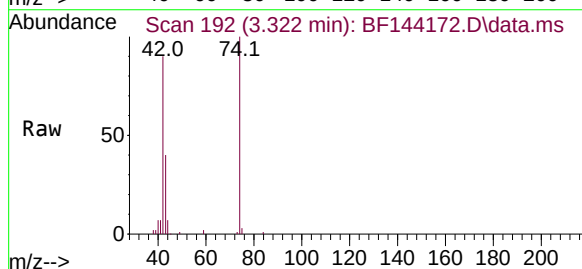
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

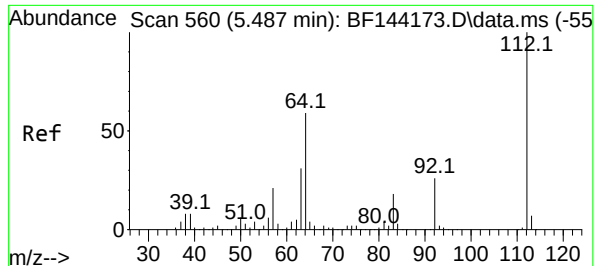
Tgt Ion	Ratio	Lower	Upper
79	100		
52	78.4	64.5	96.7
51	37.5	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 18.860 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.1	88.2	132.4
44	7.4	5.7	8.5



#5
2-Fluorophenol

Concen: 41.191 ng

RT: 5.487 min Scan# 50

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

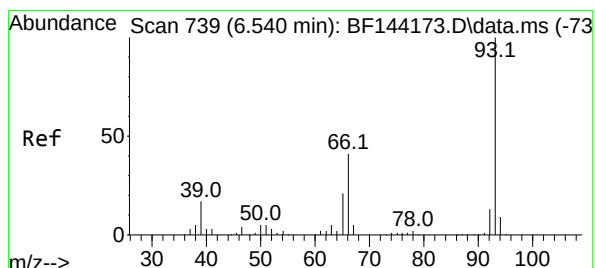
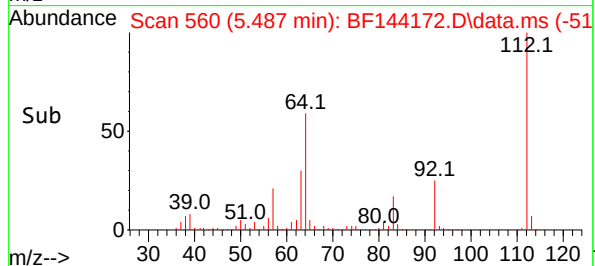
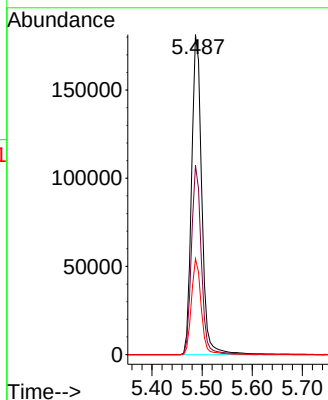
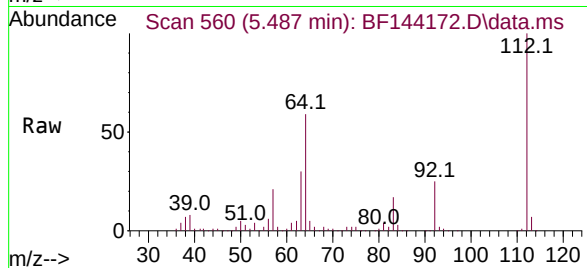
Tgt Ion:112 Resp: 255468

Ion Ratio Lower Upper

112 100

64 59.2 47.2 70.8

63 29.9 24.4 36.6



#6

Aniline

Concen: 20.492 ng

RT: 6.534 min Scan# 738

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

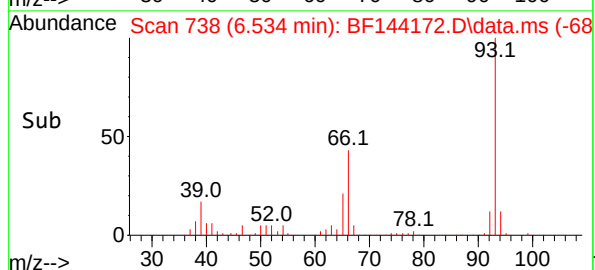
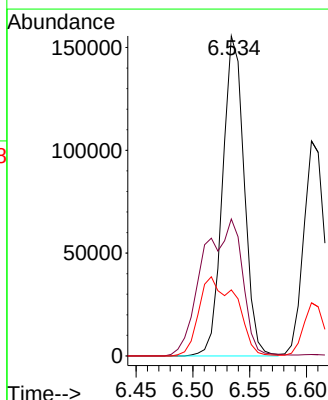
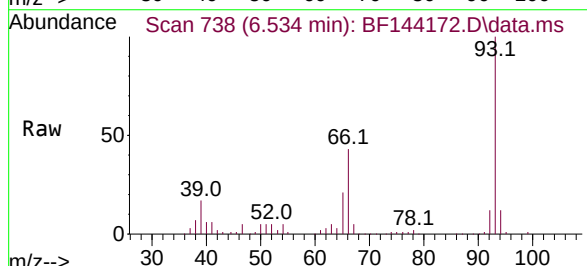
Tgt Ion: 93 Resp: 205178

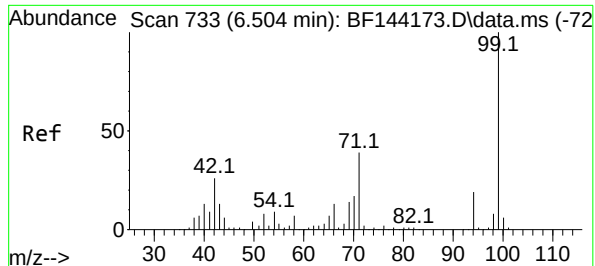
Ion Ratio Lower Upper

93 100

66 42.8 34.3 51.5

65 20.6 16.9 25.3





#7

Phenol-d6

Concen: 41.742 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

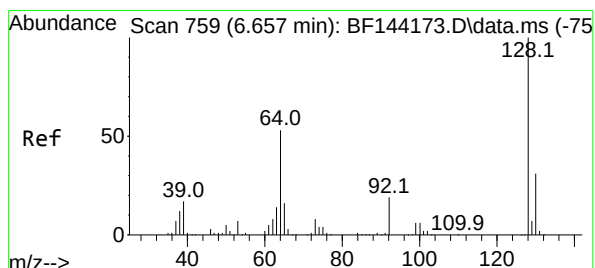
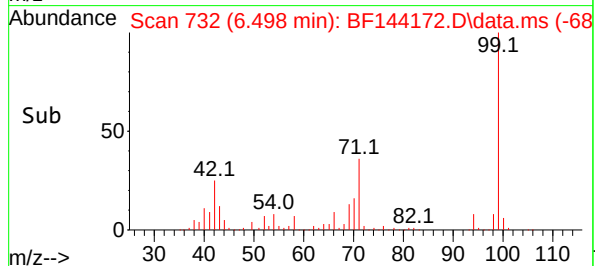
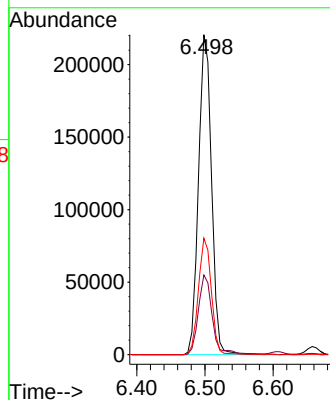
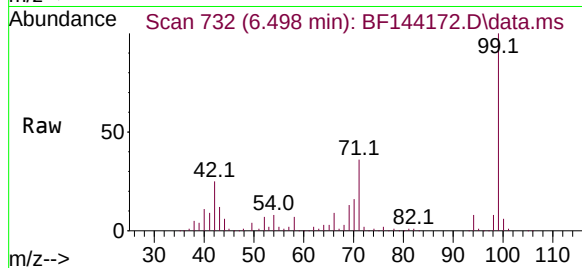
Tgt Ion: 99 Resp: 293338

Ion Ratio Lower Upper

99 100

42 24.9 20.9 31.3

71 36.4 31.4 47.2



#8

2-Chlorophenol

Concen: 20.624 ng

RT: 6.657 min Scan# 759

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

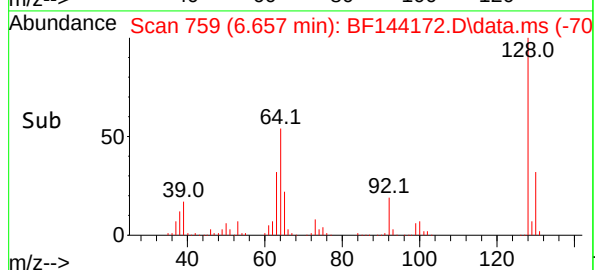
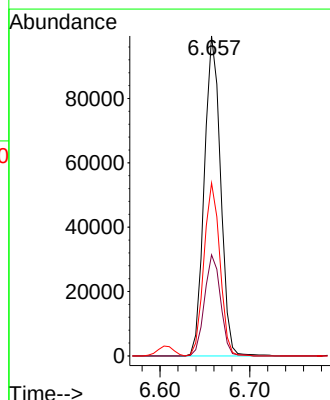
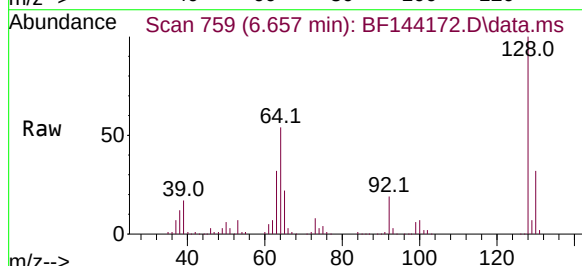
Tgt Ion: 128 Resp: 125443

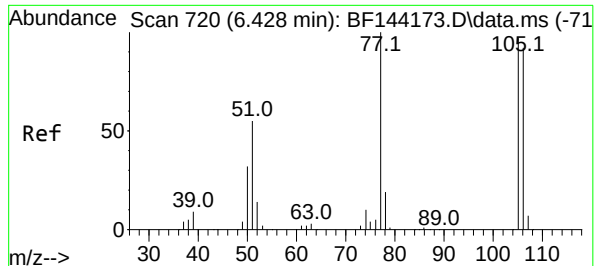
Ion Ratio Lower Upper

128 100

130 31.6 10.5 50.5

64 54.0 33.2 73.2



#9
Benzaldehyde

Concen: 22.422 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

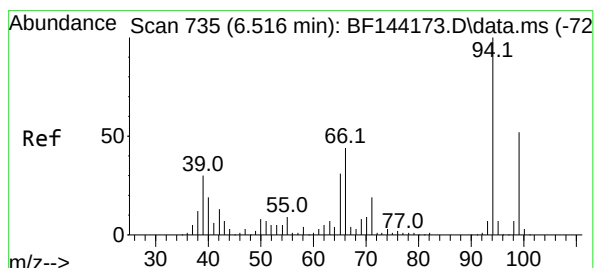
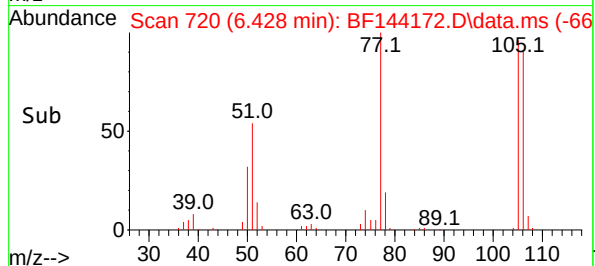
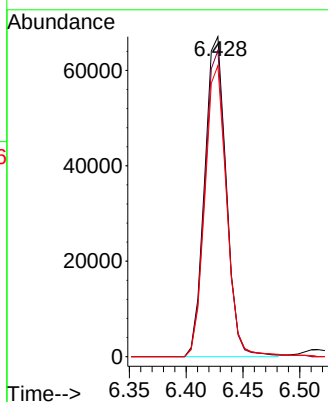
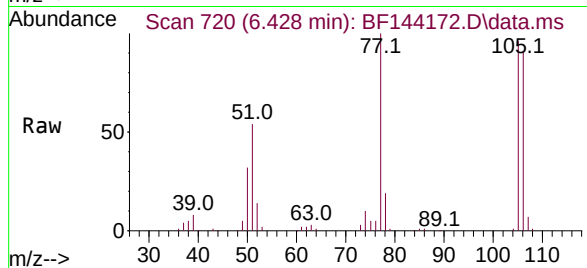
Tgt Ion: 77 Resp: 88978

Ion Ratio Lower Upper

77 100

105 95.6 77.2 117.2

106 90.9 72.2 112.2



#10

Phenol

Concen: 20.797 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

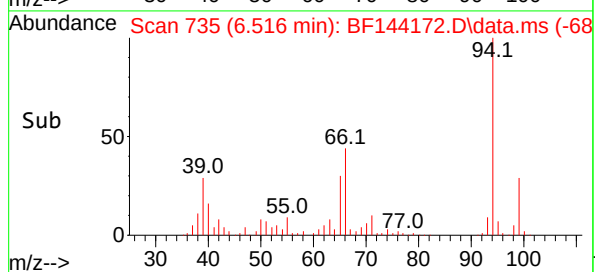
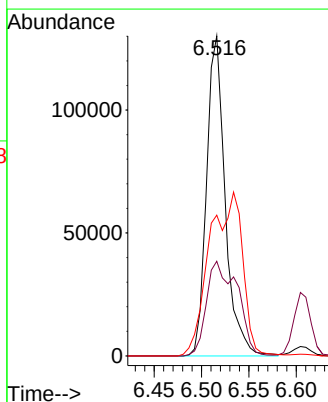
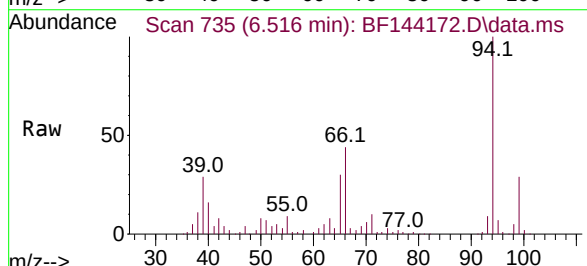
Tgt Ion: 94 Resp: 178562

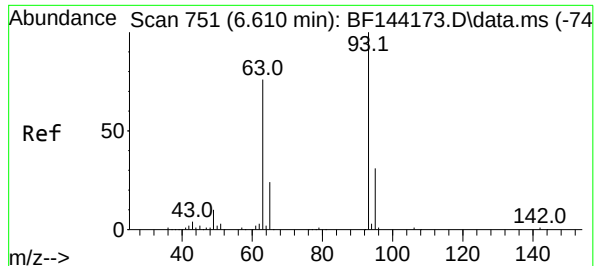
Ion Ratio Lower Upper

94 100

65 29.6 10.8 50.8

66 44.0 24.3 64.3

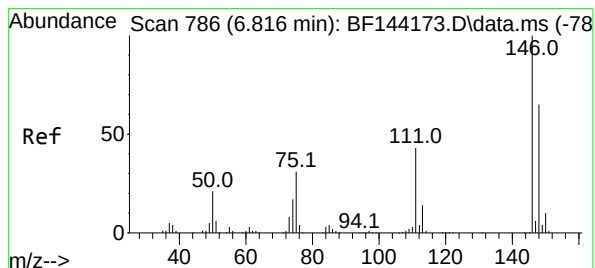
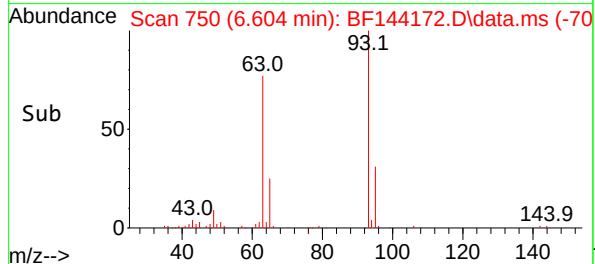
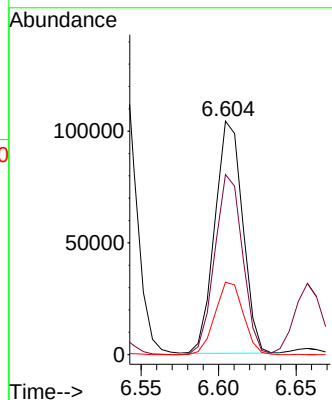
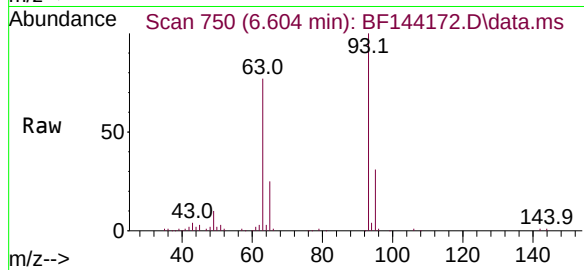




#11
bis(2-Chloroethyl)ether
Concen: 20.814 ng
RT: 6.604 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

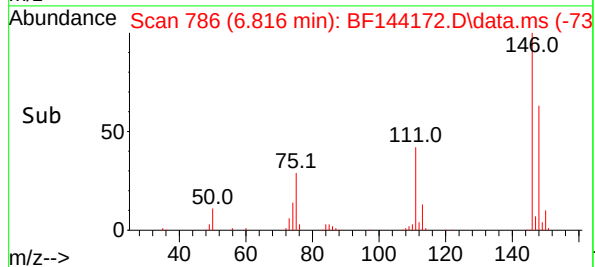
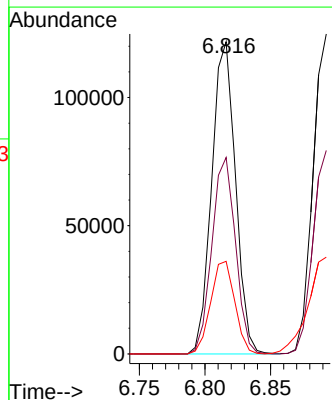
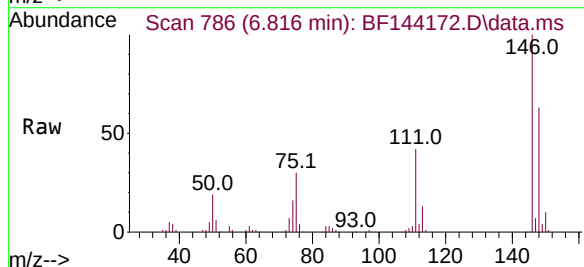
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

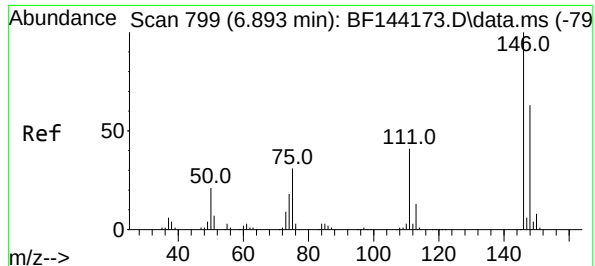
Tgt Ion: 93 Resp: 130219
Ion Ratio Lower Upper
93 100
63 77.1 55.2 95.2
95 31.0 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 20.476 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:146 Resp: 153679
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.8
75 29.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 20.435 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

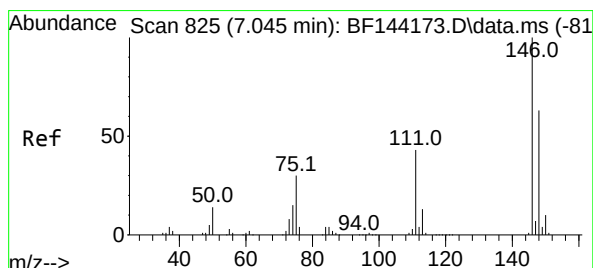
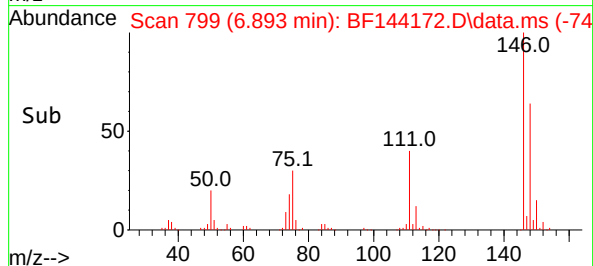
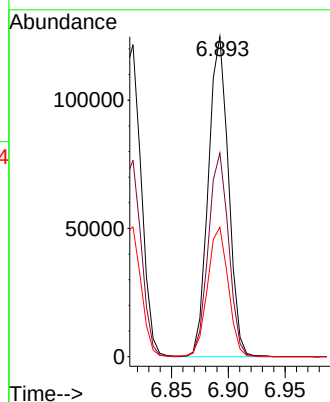
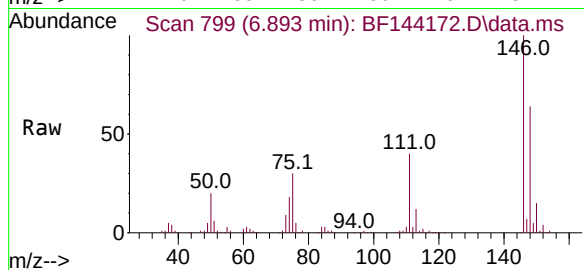
Tgt Ion:146 Resp: 153656

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 40.4 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 20.042 ng

RT: 7.046 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

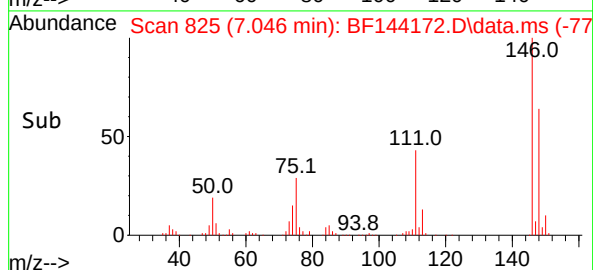
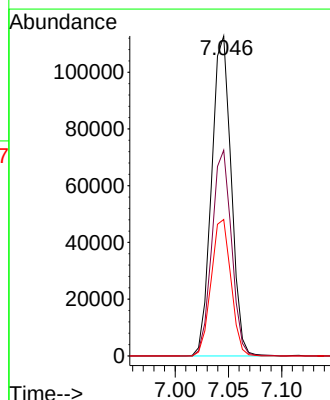
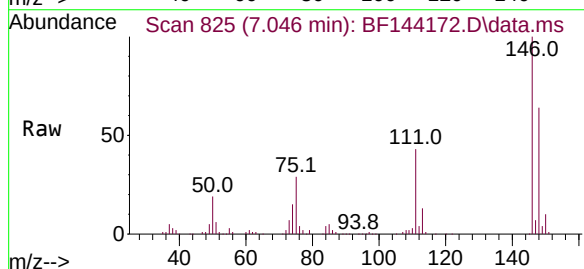
Tgt Ion:146 Resp: 144447

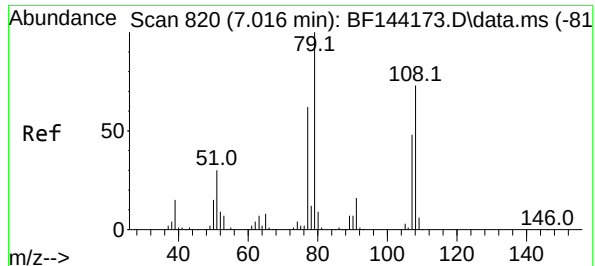
Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 42.6 34.2 51.4

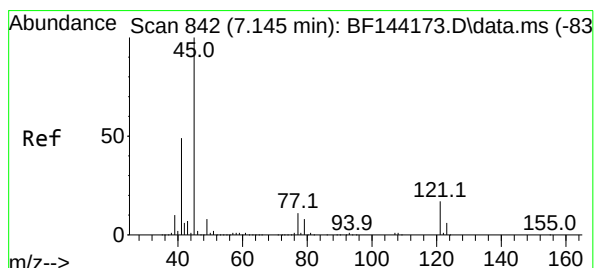
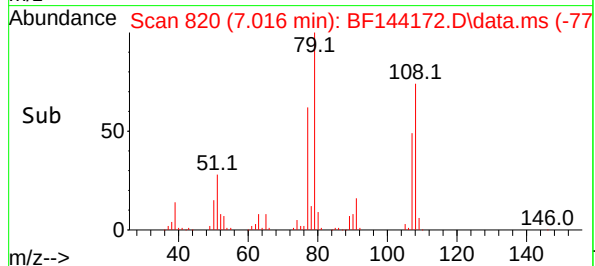
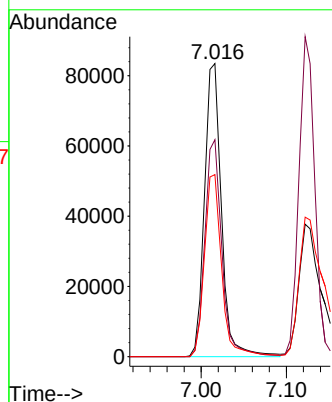
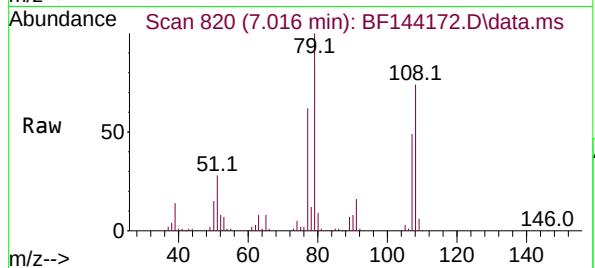




#15
Benzyl Alcohol
Concen: 20.726 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

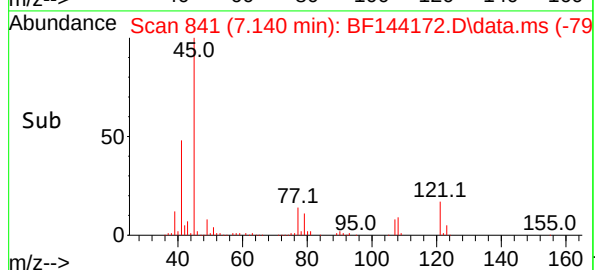
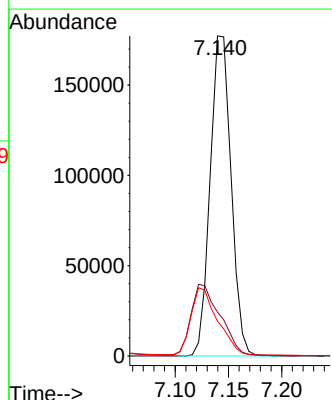
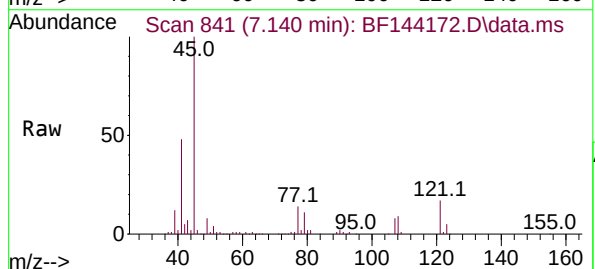
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

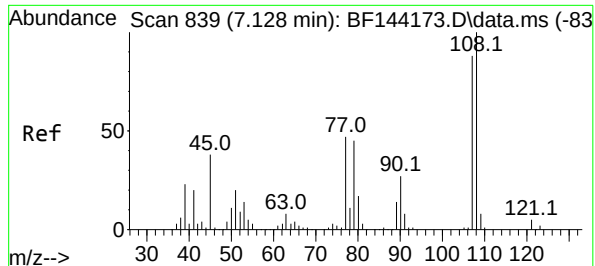
Tgt Ion: 79 Resp: 115331
Ion Ratio Lower Upper
79 100
108 74.0 58.2 87.4
77 62.1 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.029 ng
RT: 7.140 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 45 Resp: 242281
Ion Ratio Lower Upper
45 100
77 13.7 0.0 31.8
79 10.9 0.0 29.1

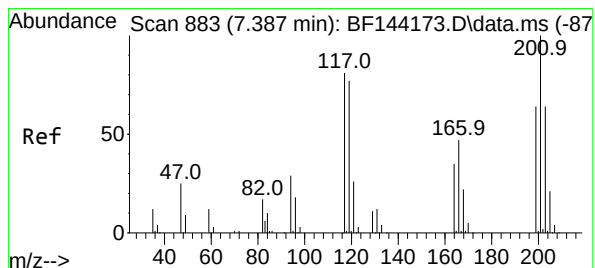
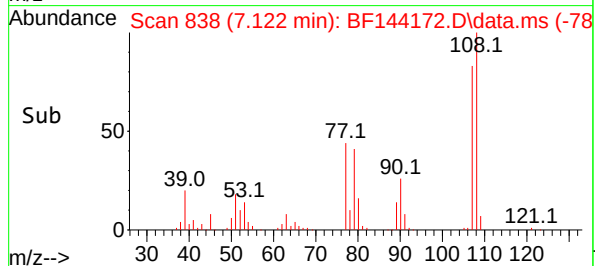
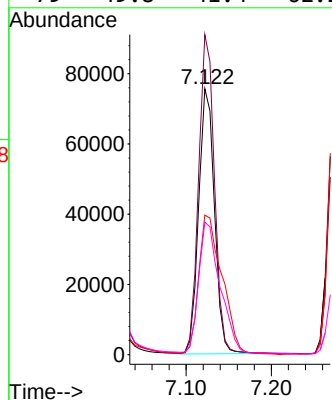
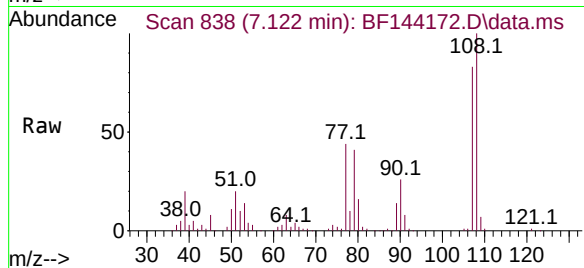




#17
2-Methylphenol
Concen: 20.196 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

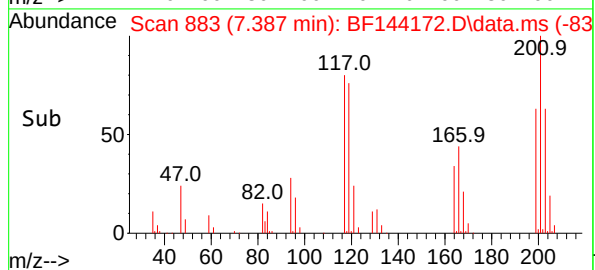
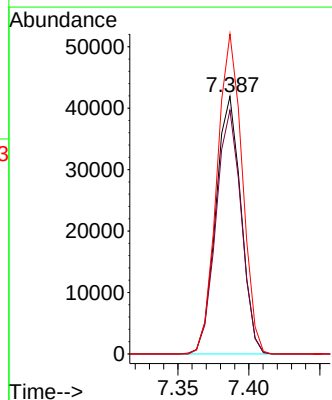
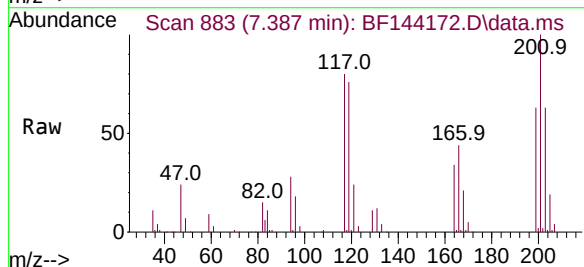
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

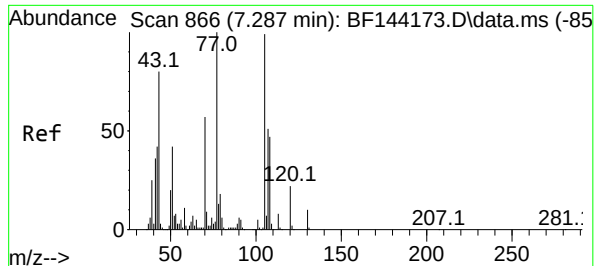
Tgt Ion:107 Resp: 97725
Ion Ratio Lower Upper
107 100
108 120.4 91.0 136.4
77 52.4 42.7 64.1
79 49.8 41.4 62.2



#18
Hexachloroethane
Concen: 20.675 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:117 Resp: 51648
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 124.3 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 20.897 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.017 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 96676

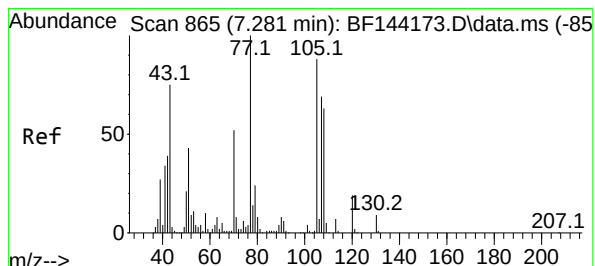
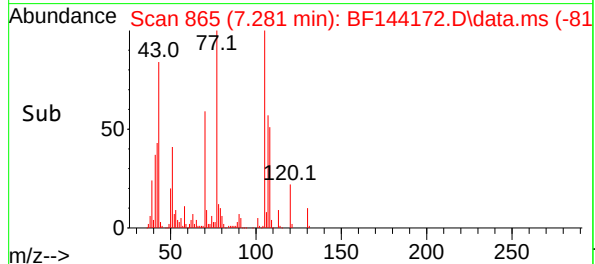
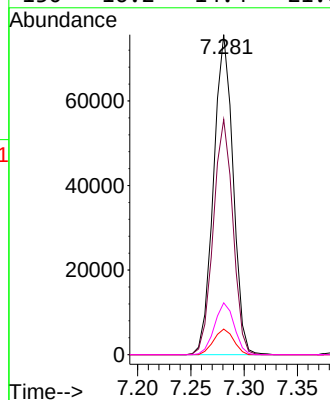
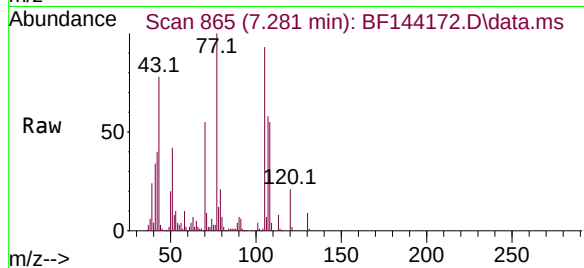
Ion Ratio Lower Upper

70 100

42 73.5 58.3 87.5

101 8.0 7.0 10.6

130 16.2 14.4 21.6



#20

3+4-Methylphenols

Concen: 20.804 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 118666

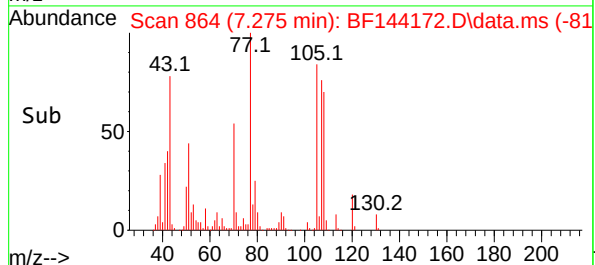
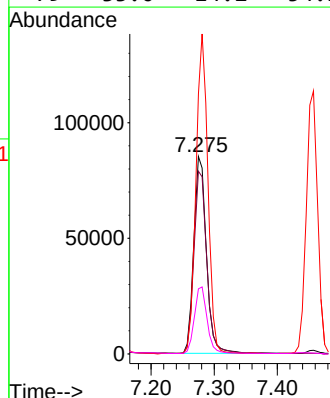
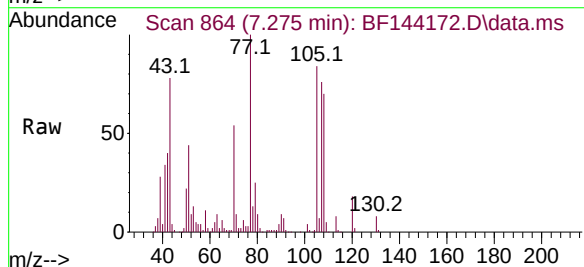
Ion Ratio Lower Upper

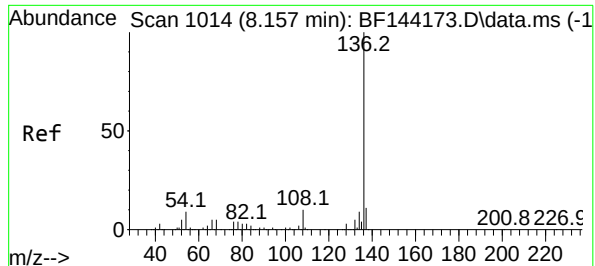
107 100

108 92.5 70.2 110.2

77 131.8 123.9 163.9

79 33.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:136 Resp: 380834

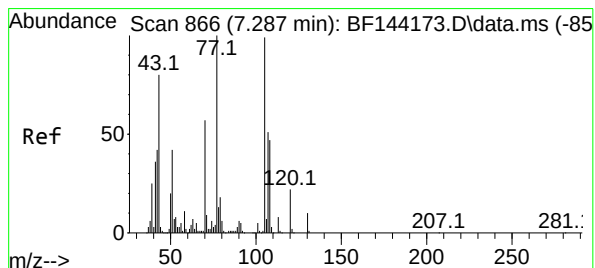
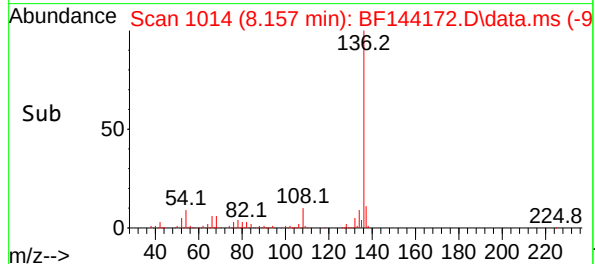
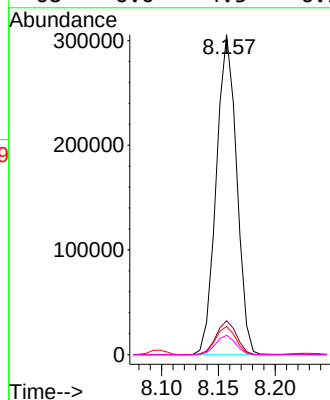
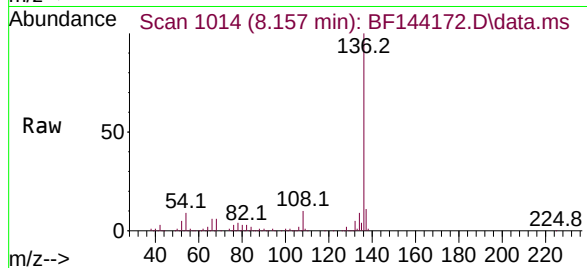
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.8 7.0 10.6

68 6.0 4.3 6.5



#22

Acetophenone

Concen: 20.242 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:105 Resp: 165374

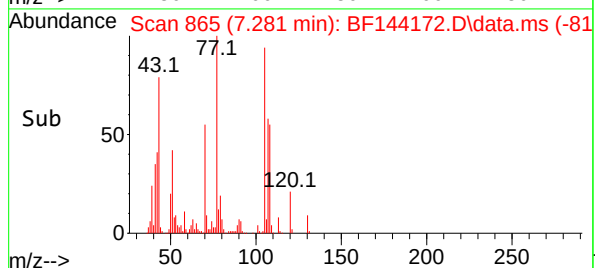
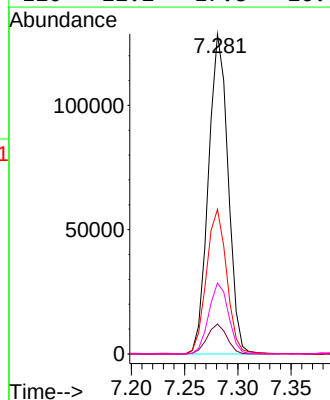
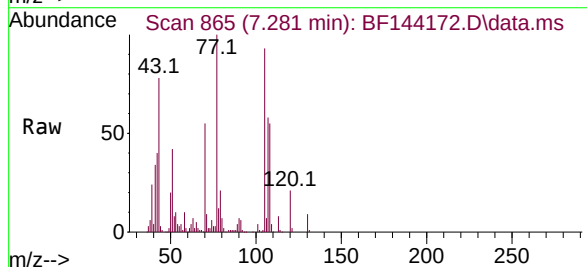
Ion Ratio Lower Upper

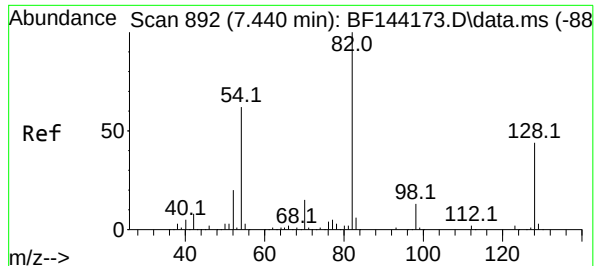
105 100

71 9.3 7.2 10.8

51 45.2 34.0 51.0

120 22.2 17.8 26.6

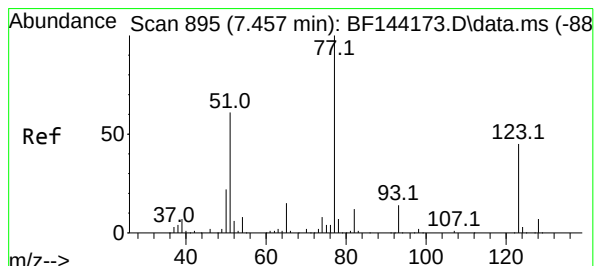
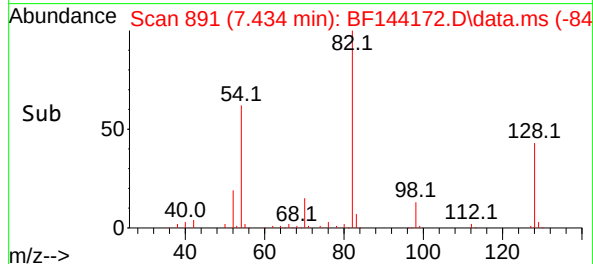
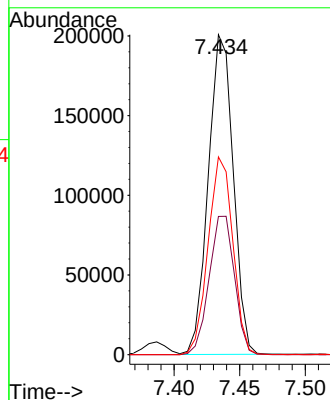
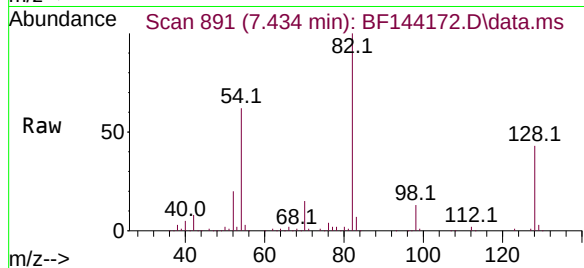




#23
Nitrobenzene-d5
Concen: 40.287 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

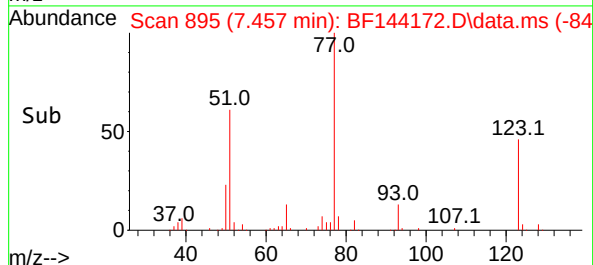
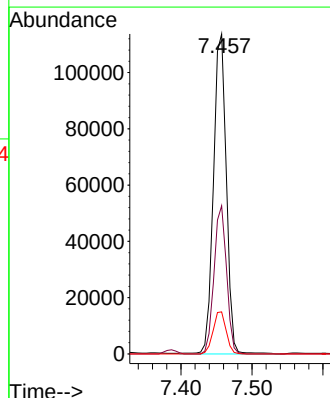
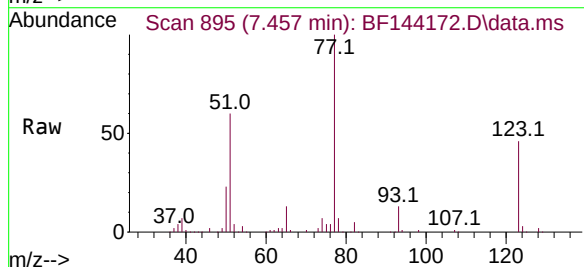
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

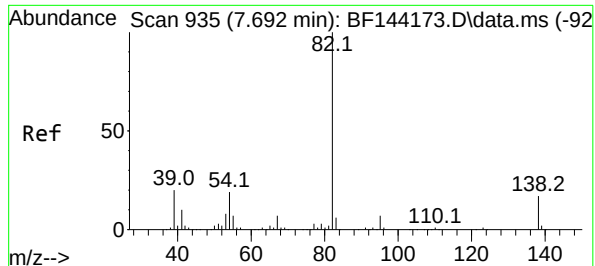
Tgt Ion: 82 Resp: 265652
Ion Ratio Lower Upper
82 100
128 43.2 34.7 52.1
54 61.8 49.5 74.3



#24
Nitrobenzene
Concen: 20.000 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion: 77 Resp: 143192
Ion Ratio Lower Upper
77 100
123 46.3 35.8 53.8
65 13.2 12.2 18.2





#25

Isophorone

Concen: 20.434 ng

RT: 7.693 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

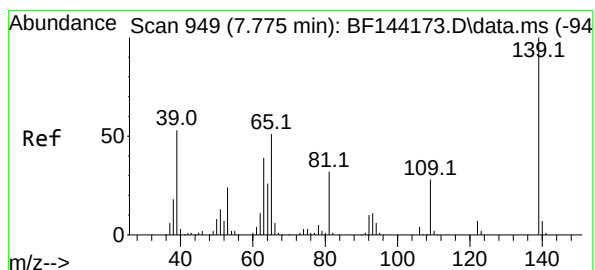
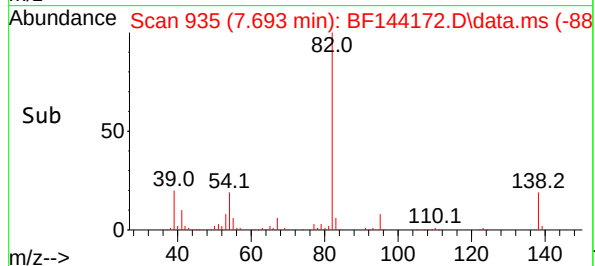
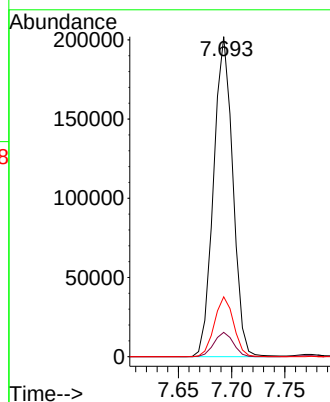
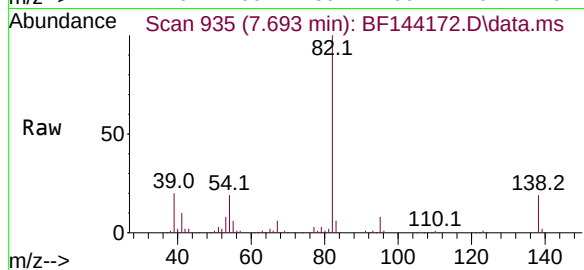
Tgt Ion: 82 Resp: 254863

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 18.7 13.7 20.5



#26

2-Nitrophenol

Concen: 20.572 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

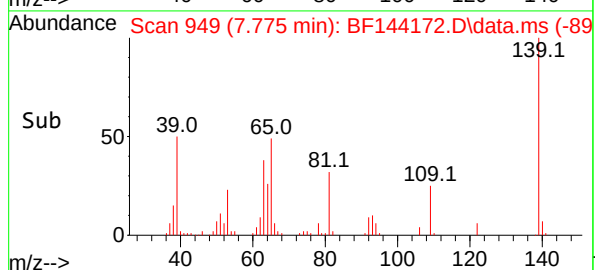
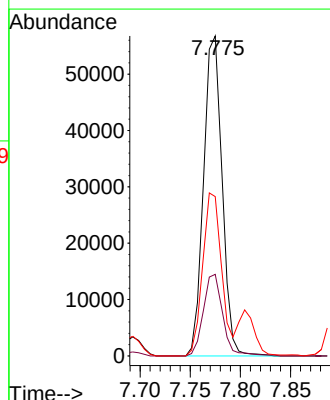
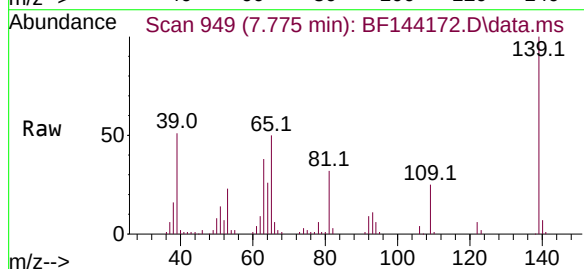
Tgt Ion:139 Resp: 72909

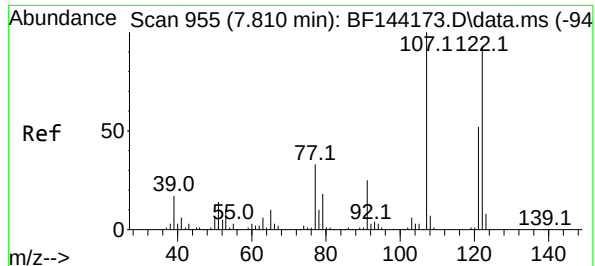
Ion Ratio Lower Upper

139 100

109 25.5 22.2 33.2

65 49.8 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 18.981 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

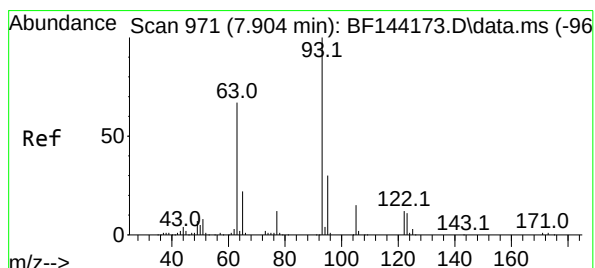
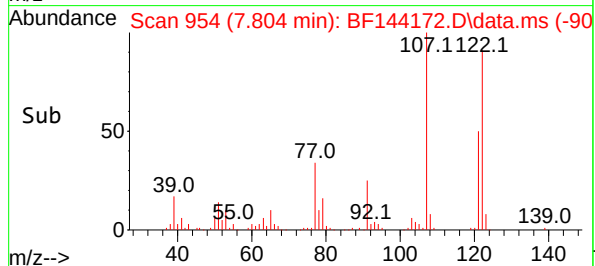
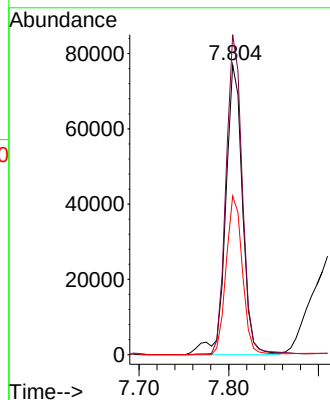
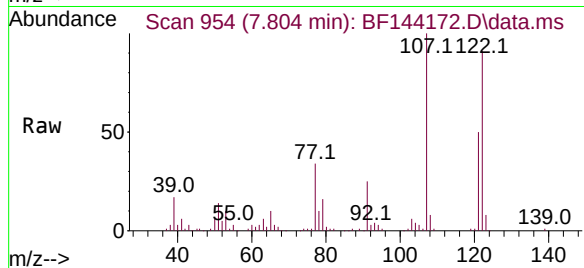
Tgt Ion:122 Resp: 100827

Ion Ratio Lower Upper

122 100

107 110.4 86.2 129.4

121 54.8 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.161 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

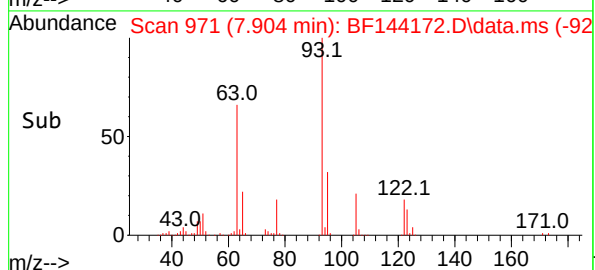
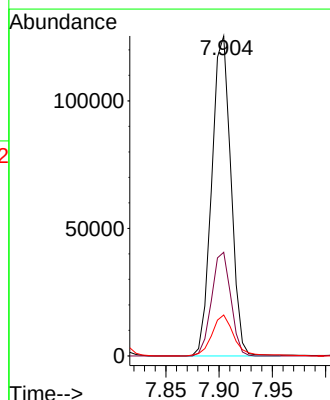
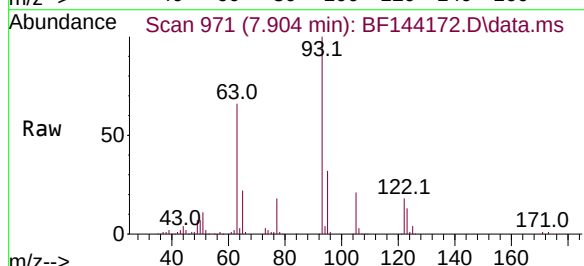
Tgt Ion: 93 Resp: 157029

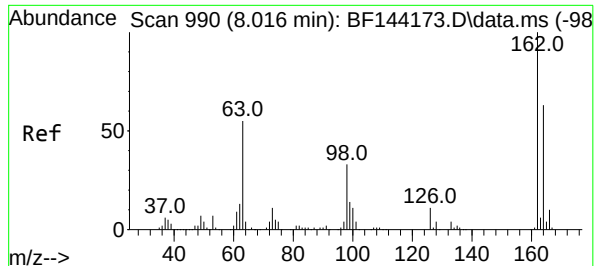
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 12.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 20.548 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

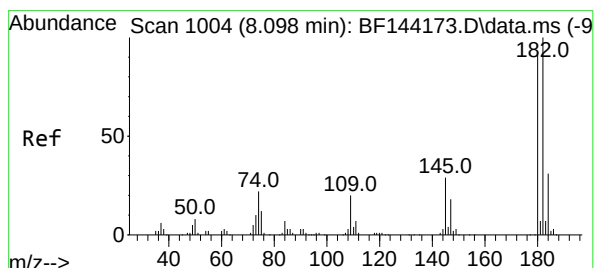
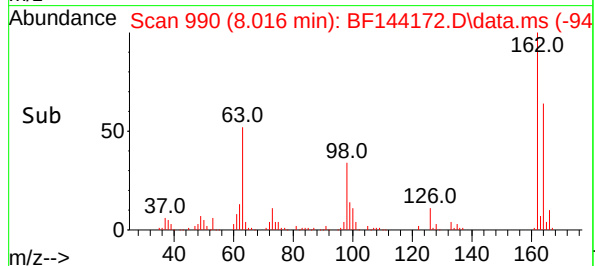
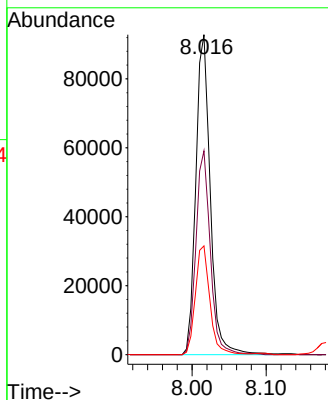
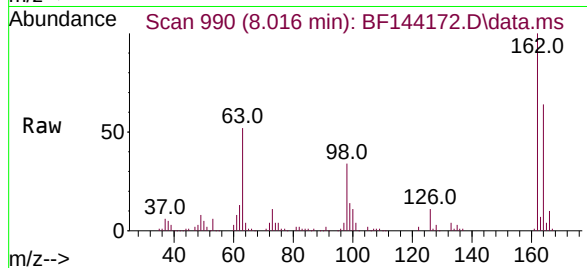
Tgt Ion:162 Resp: 125803

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

98 34.0 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 20.106 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

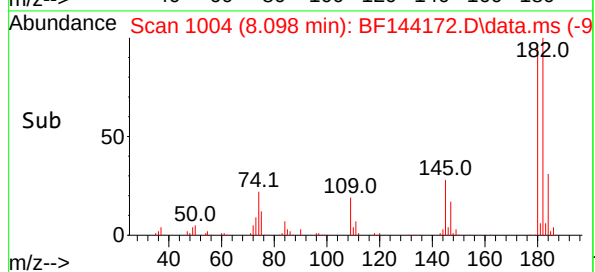
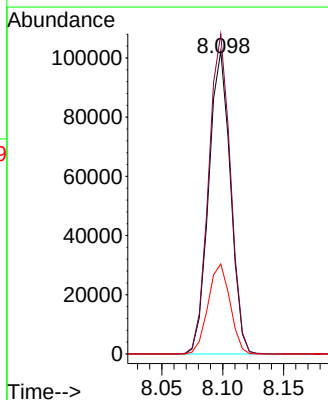
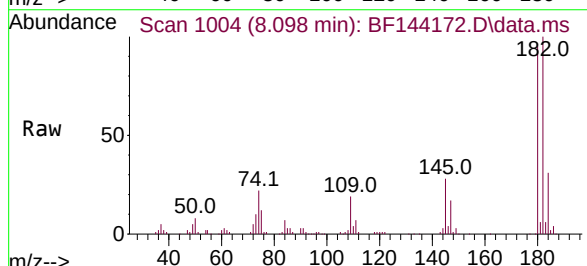
Tgt Ion:180 Resp: 126402

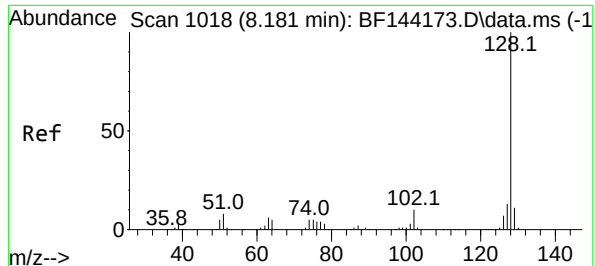
Ion Ratio Lower Upper

180 100

182 105.7 87.7 131.5

145 29.7 25.4 38.0





#31

Naphthalene

Concen: 20.643 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

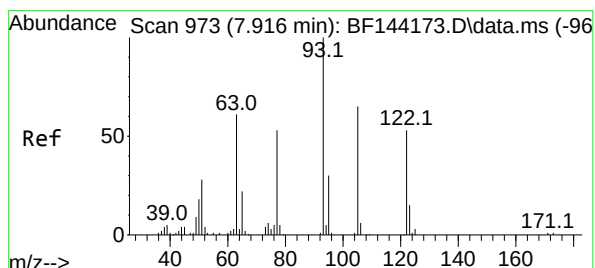
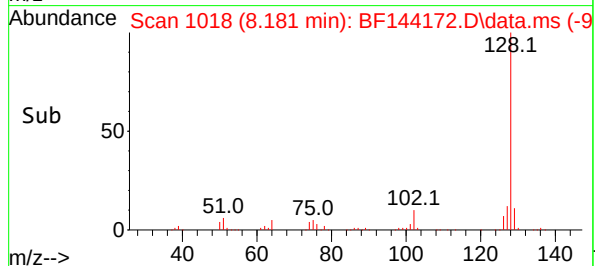
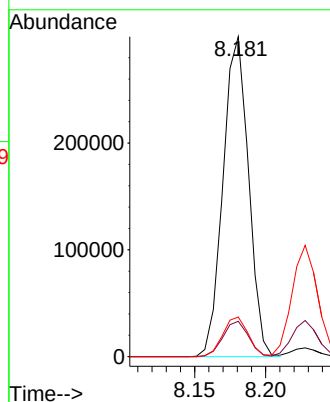
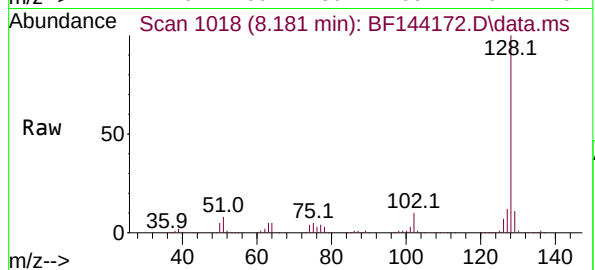
Tgt Ion:128 Resp: 373973

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 12.4 10.3 15.5



#32

Benzoic acid

Concen: 21.522 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.035 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

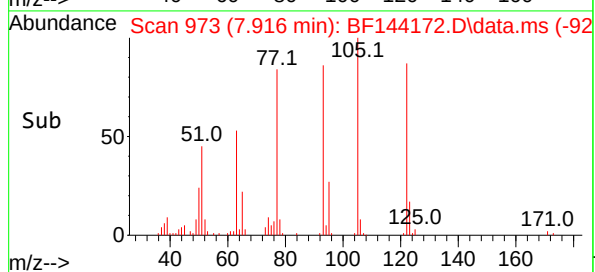
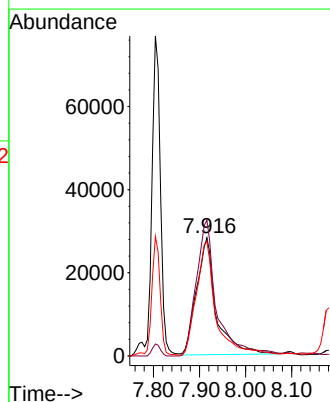
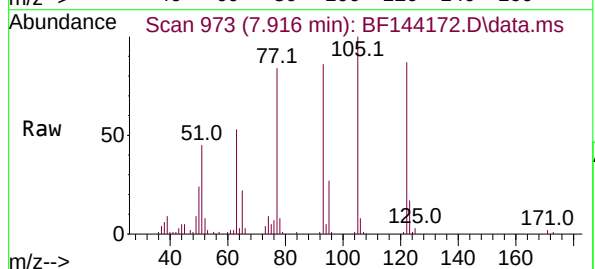
Tgt Ion:122 Resp: 83801

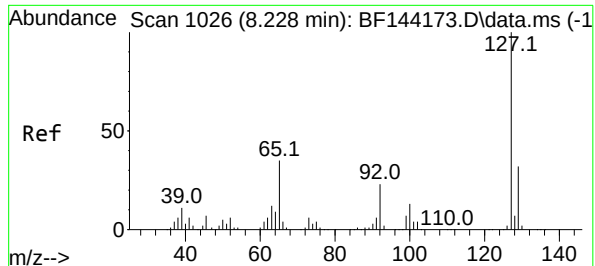
Ion Ratio Lower Upper

122 100

105 114.8 99.9 139.9

77 96.8 77.5 117.5





#33

4-Chloroaniline

Concen: 20.474 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 135273

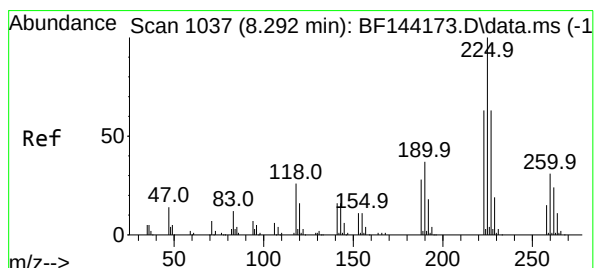
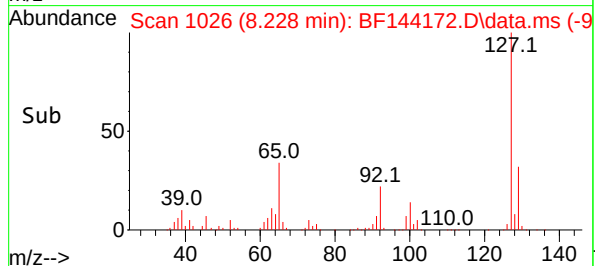
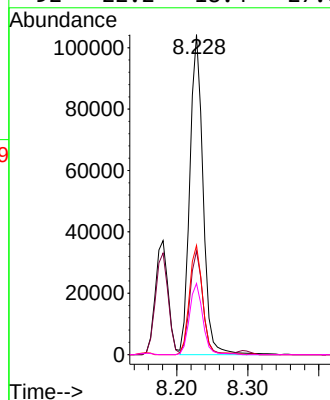
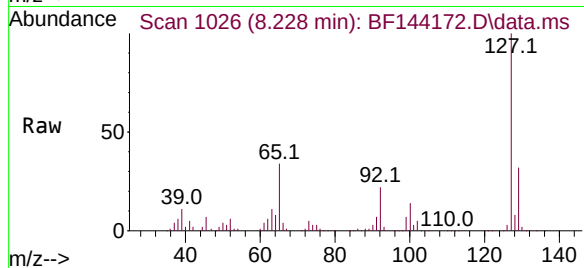
Ion Ratio Lower Upper

127 100

129 32.4 25.3 37.9

65 34.1 27.6 41.4

92 22.2 18.4 27.6



#34

Hexachlorobutadiene

Concen: 20.255 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

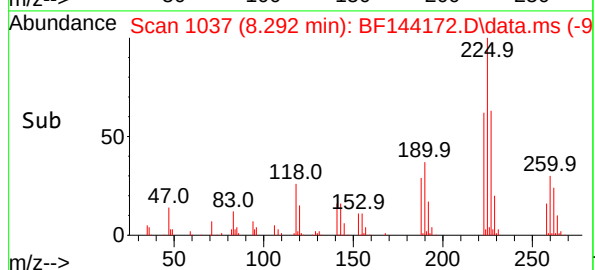
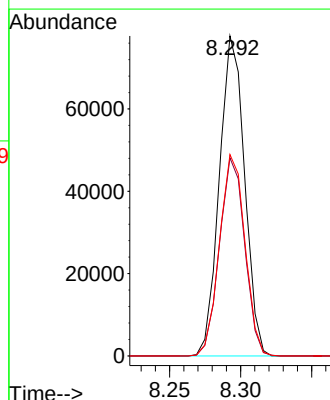
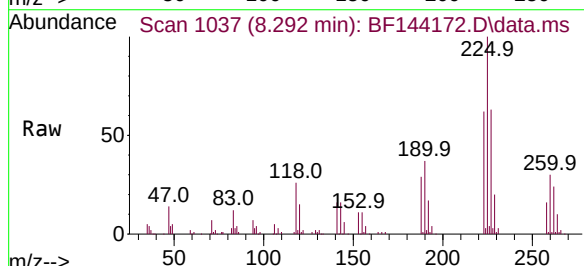
Tgt Ion:225 Resp: 95971

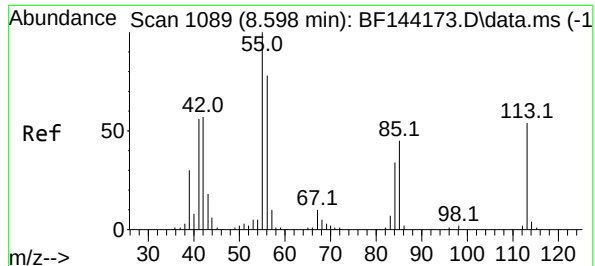
Ion Ratio Lower Upper

225 100

223 61.9 50.2 75.4

227 62.9 50.1 75.1

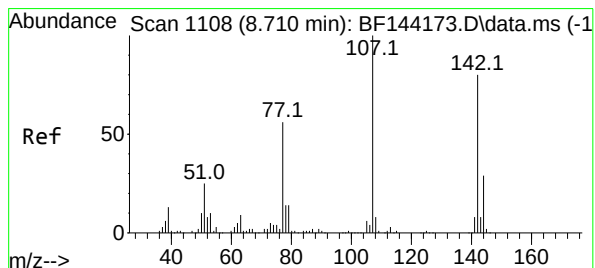
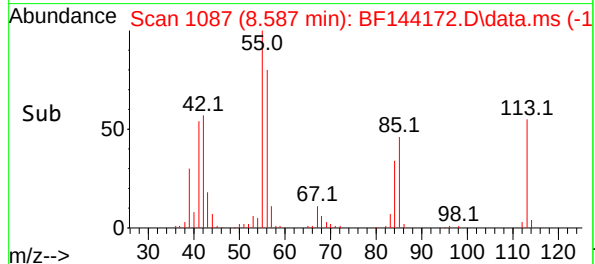
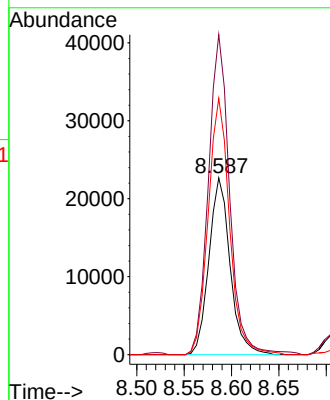
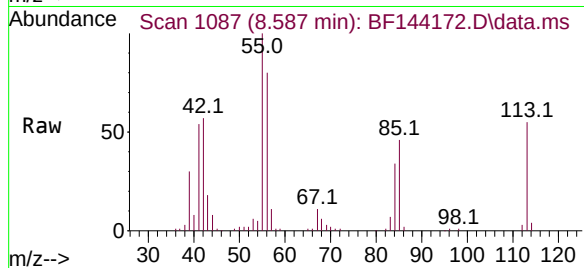




#35
Caprolactam
Concen: 21.028 ng
RT: 8.587 min Scan# 1087
Delta R.T. -0.035 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

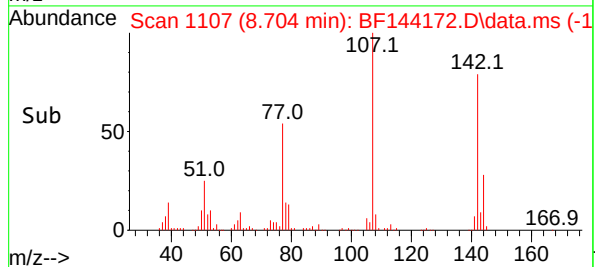
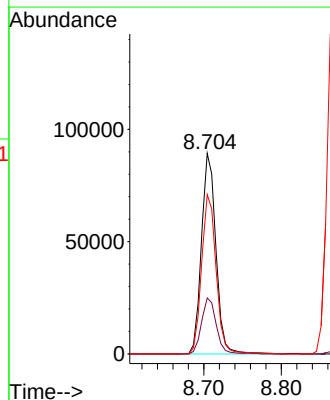
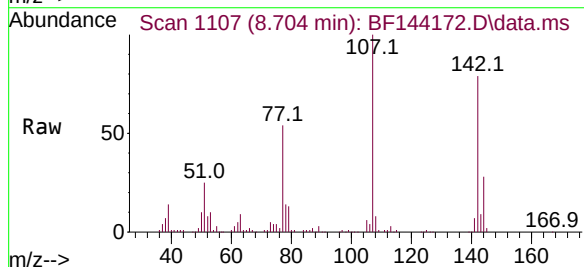
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

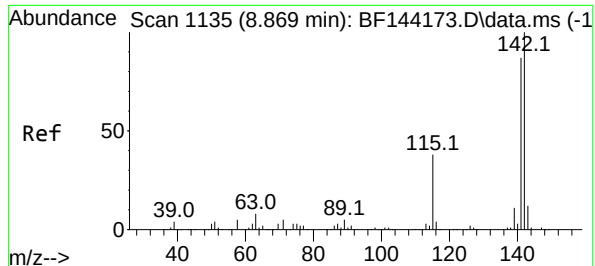
Tgt Ion:113 Resp: 35272
Ion Ratio Lower Upper
113 100
55 181.1 166.8 206.8
56 145.1 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 21.069 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:107 Resp: 115603
Ion Ratio Lower Upper
107 100
144 27.9 23.3 34.9
142 79.4 63.8 95.6





#37

2-Methylnaphthalene

Concen: 20.905 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

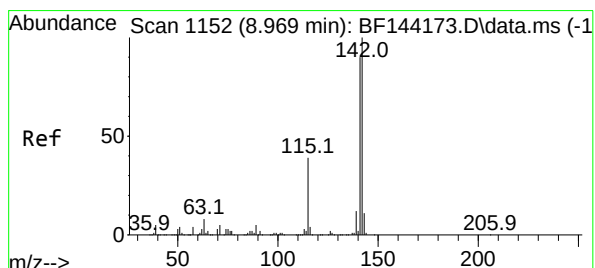
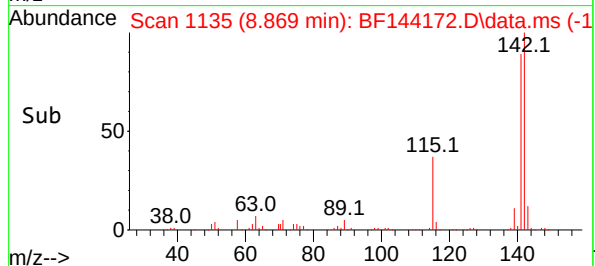
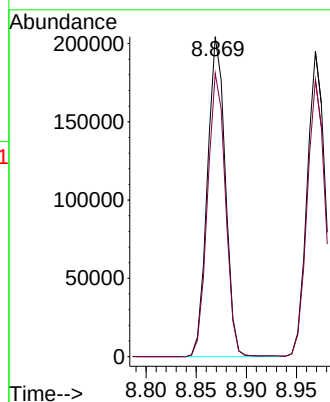
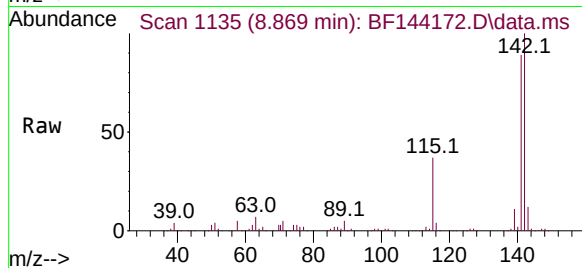
SSTDICC020

Tgt Ion:142 Resp: 253201

Ion Ratio Lower Upper

142 100

141 88.5 69.9 104.9



#38

1-Methylnaphthalene

Concen: 20.588 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144172.D

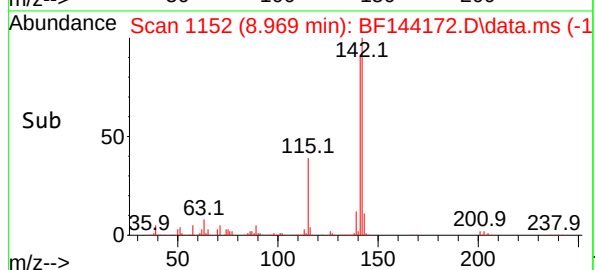
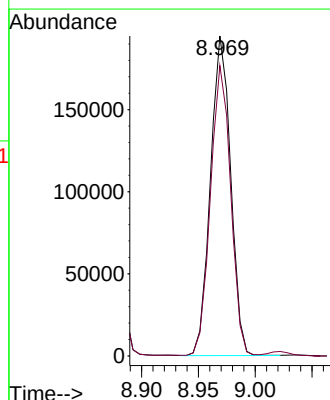
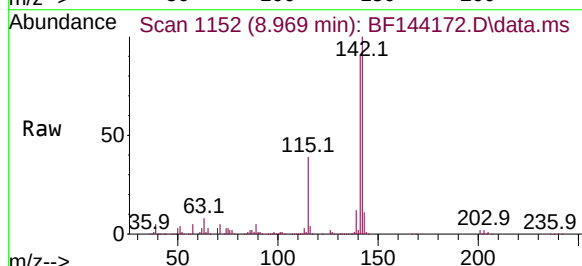
Acq: 05 Nov 2025 14:20

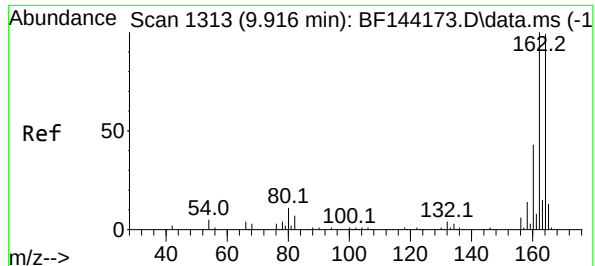
Tgt Ion:142 Resp: 240612

Ion Ratio Lower Upper

142 100

141 90.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

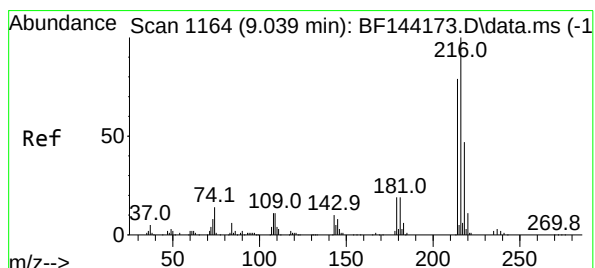
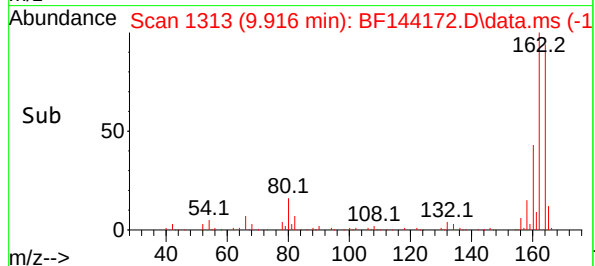
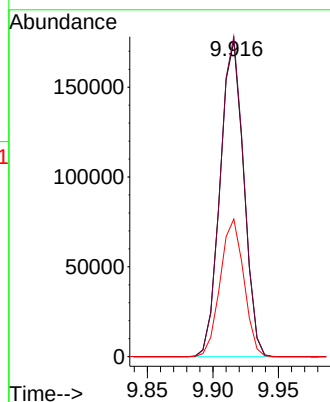
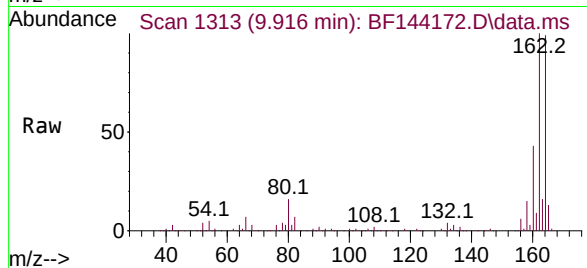
Tgt Ion:164 Resp: 220087

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.6 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.100 ng

RT: 9.034 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:216 Resp: 144980

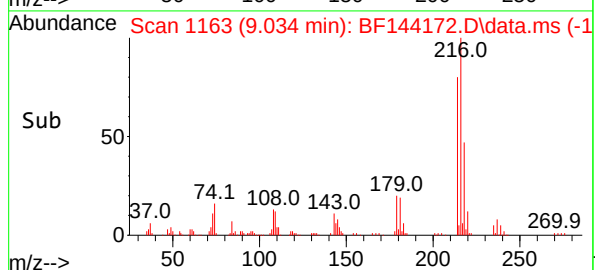
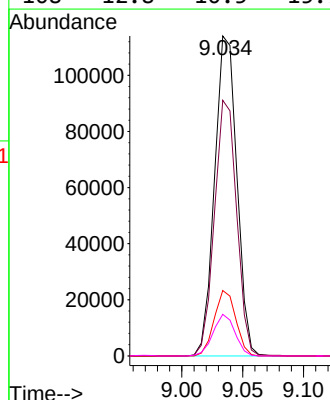
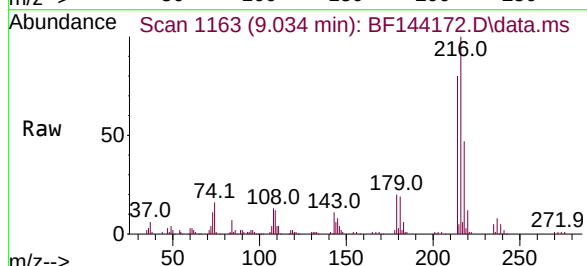
Ion Ratio Lower Upper

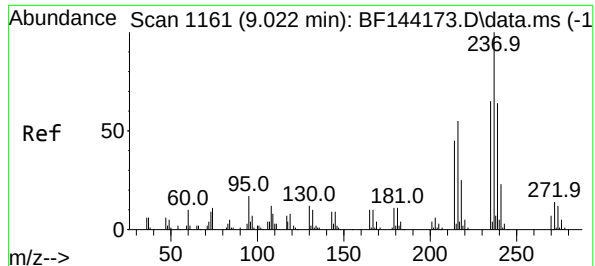
216 100

214 79.3 63.4 95.2

179 19.8 15.0 22.4

108 12.8 10.5 15.7

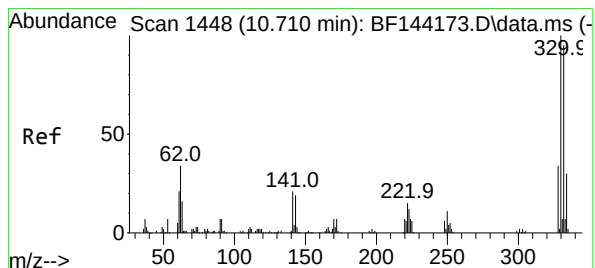
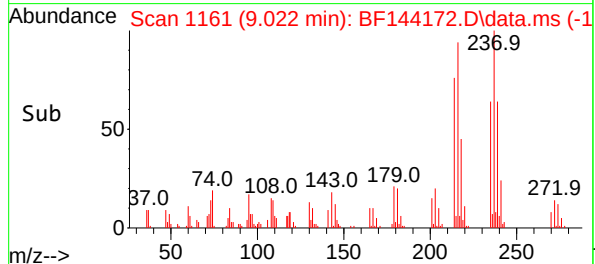
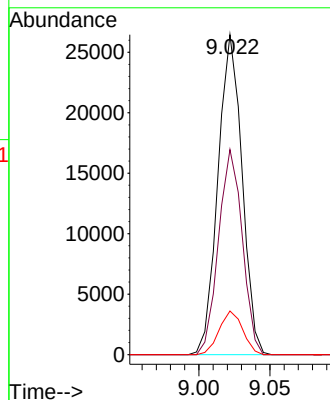
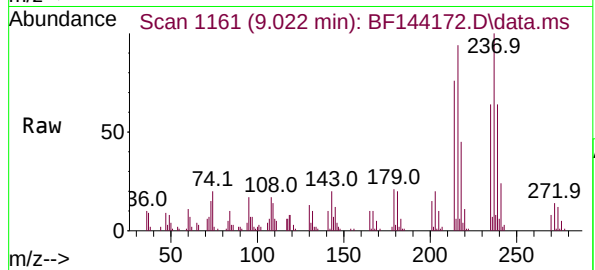




#41
Hexachlorocyclopentadiene
Concen: 18.527 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

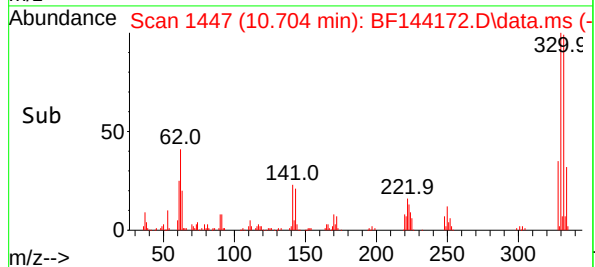
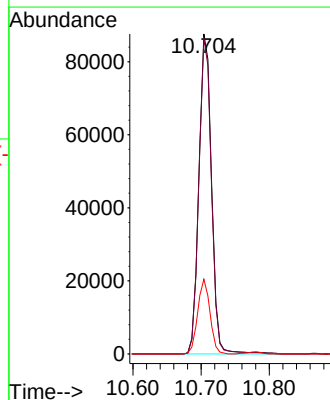
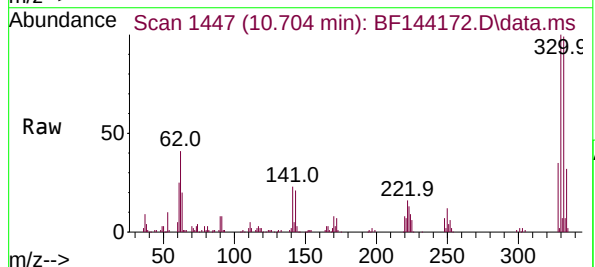
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

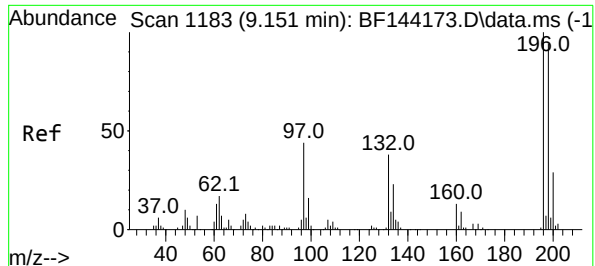
Tgt Ion:237 Resp: 31247
Ion Ratio Lower Upper
237 100
235 64.1 45.5 85.5
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 40.889 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:330 Resp: 112928
Ion Ratio Lower Upper
330 100
332 97.9 76.7 115.1
141 22.6 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 20.136 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

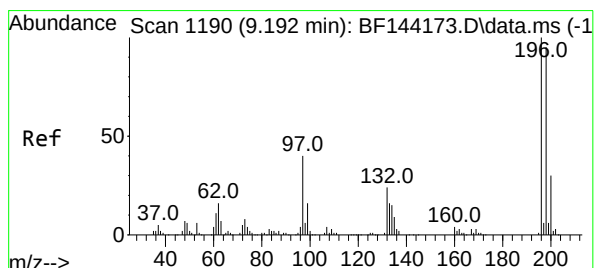
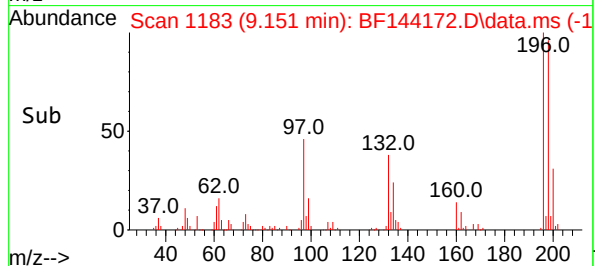
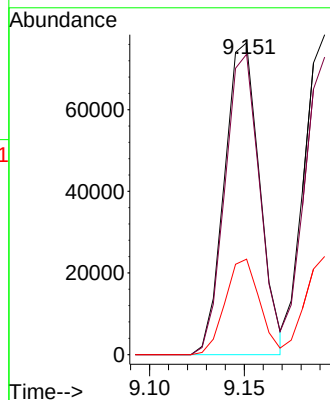
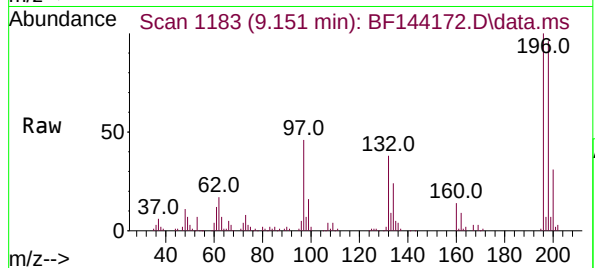
Tgt Ion:196 Resp: 98855

Ion Ratio Lower Upper

196 100

198 96.4 75.3 112.9

200 30.6 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 20.653 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Tgt Ion:196 Resp: 109277

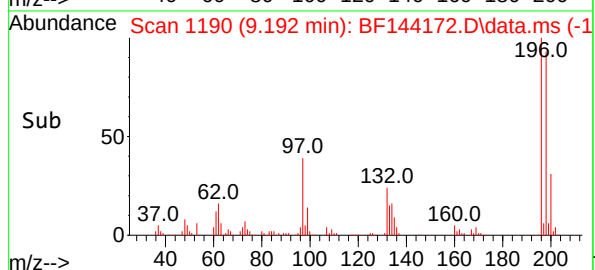
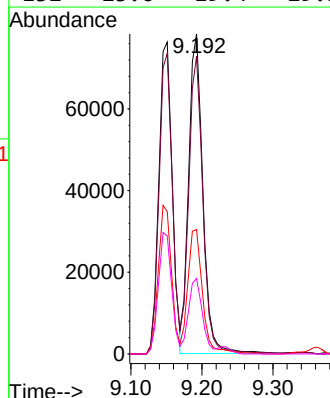
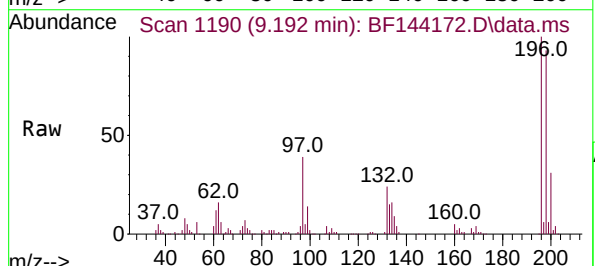
Ion Ratio Lower Upper

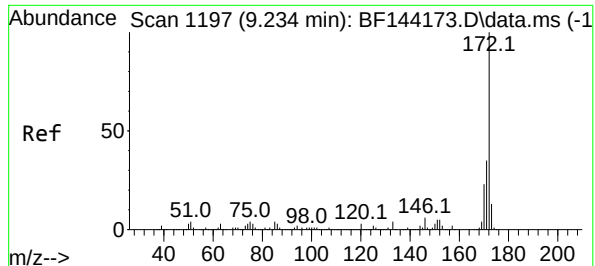
196 100

198 93.0 76.1 114.1

97 38.9 31.9 47.9

132 23.6 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 40.208 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

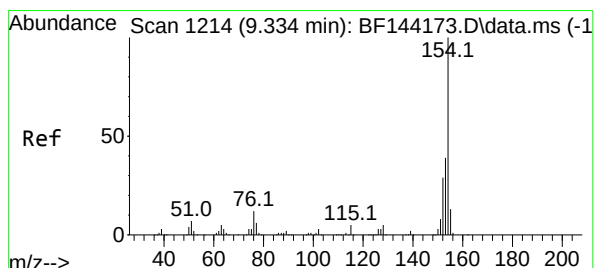
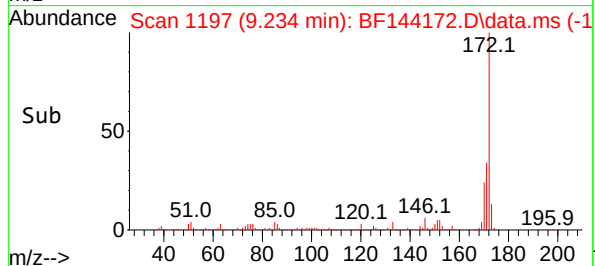
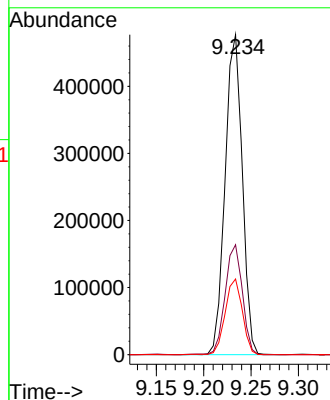
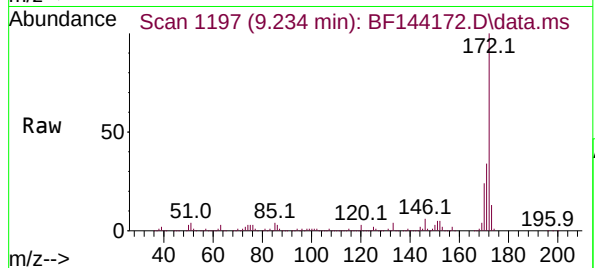
Tgt Ion:172 Resp: 599169

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.6 18.6 28.0



#46

1,1'-Biphenyl

Concen: 20.417 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

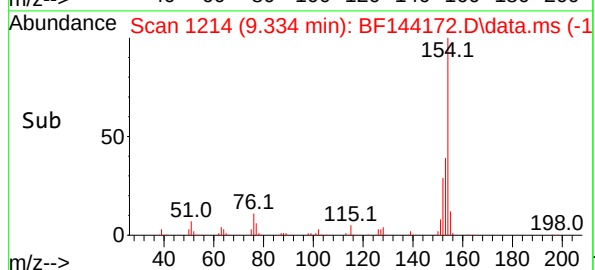
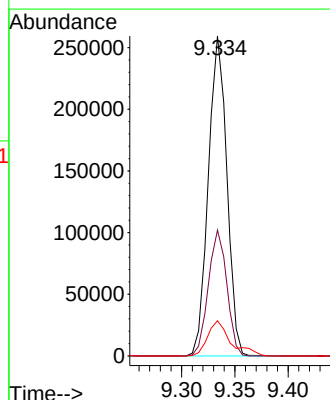
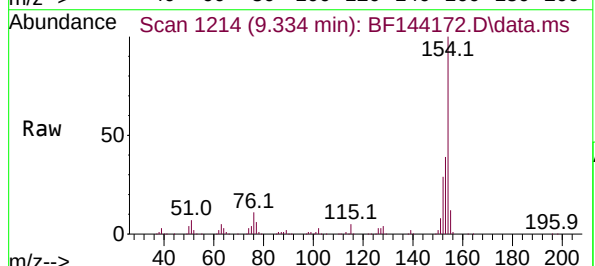
Tgt Ion:154 Resp: 313667

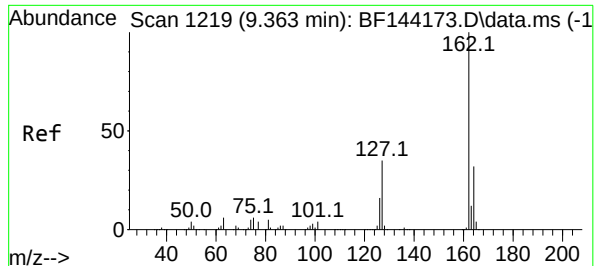
Ion Ratio Lower Upper

154 100

153 39.3 19.2 59.2

76 11.0 0.0 31.8





#47

2-Chloronaphthalene

Concen: 20.262 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

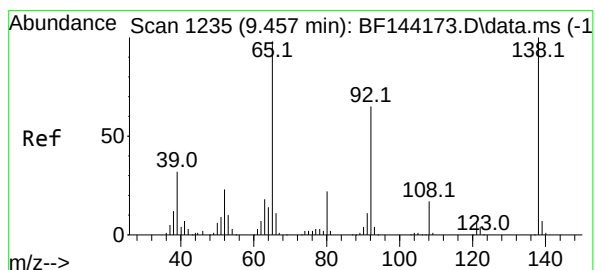
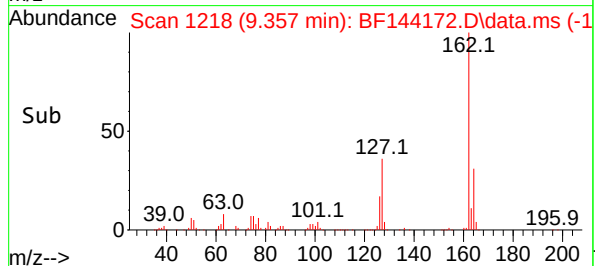
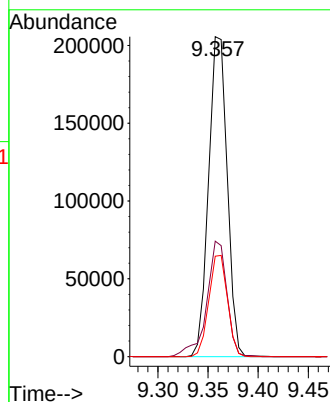
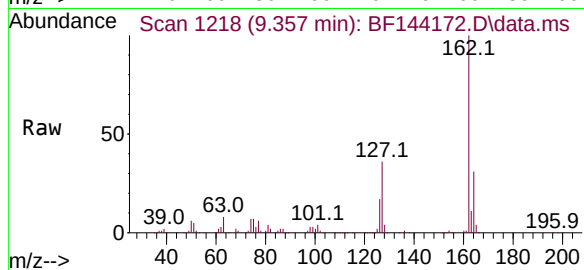
Tgt Ion:162 Resp: 265522

Ion Ratio Lower Upper

162 100

127 36.1 28.8 43.2

164 31.4 25.8 38.8



#48

2-Nitroaniline

Concen: 20.308 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

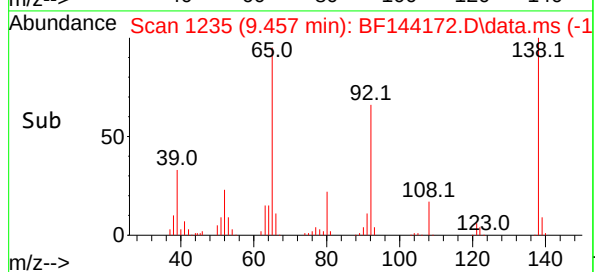
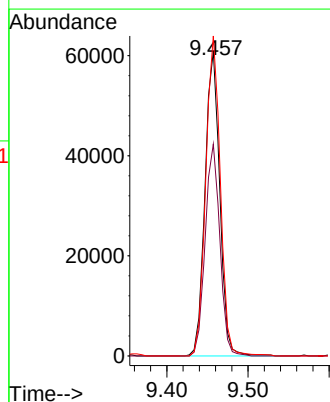
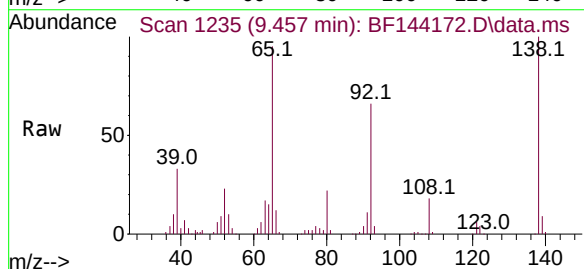
Tgt Ion: 65 Resp: 76785

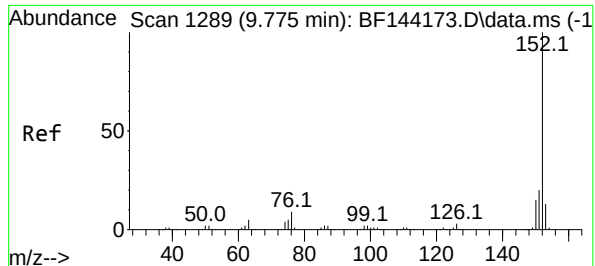
Ion Ratio Lower Upper

65 100

92 69.5 53.0 79.6

138 105.1 81.6 122.4





#49

Acenaphthylene

Concen: 20.664 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144172.D

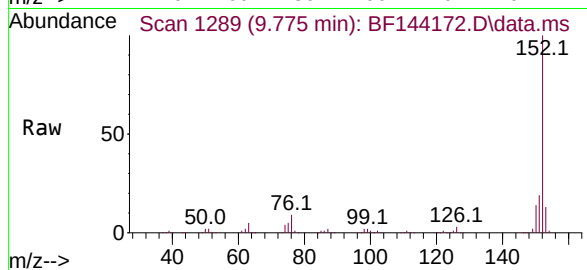
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



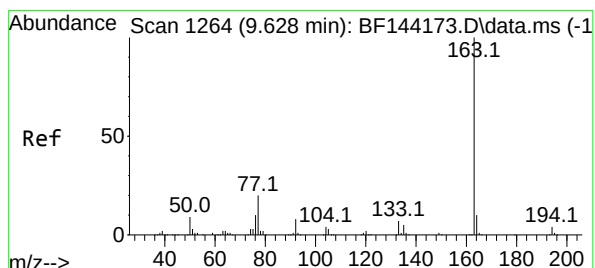
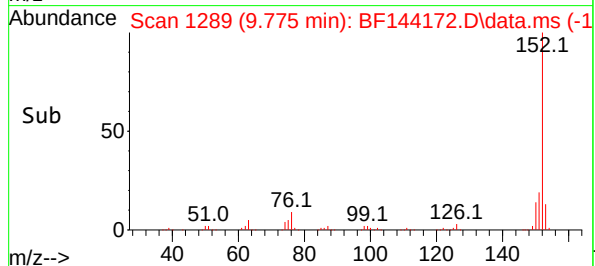
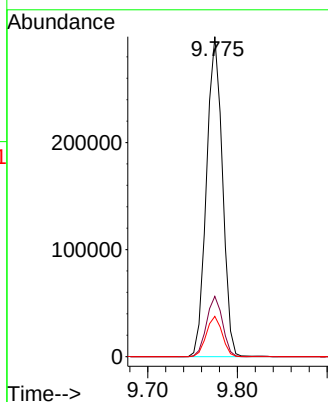
Tgt Ion:152 Resp: 369018

Ion Ratio Lower Upper

152 100

151 18.8 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

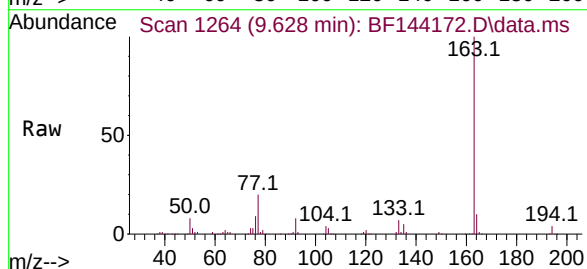
Concen: 20.516 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20



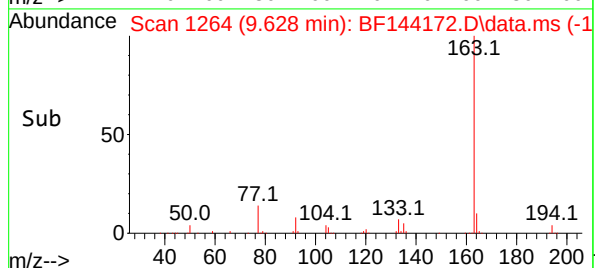
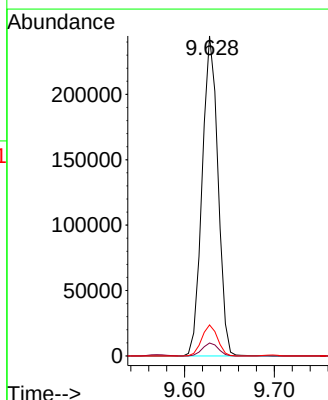
Tgt Ion:163 Resp: 299125

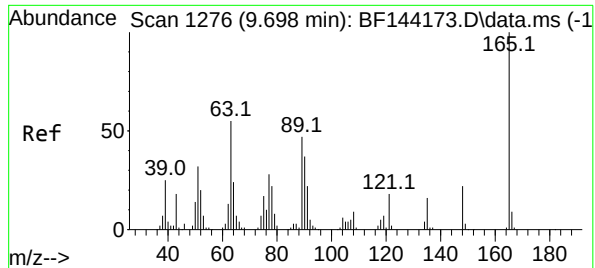
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 20.212 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

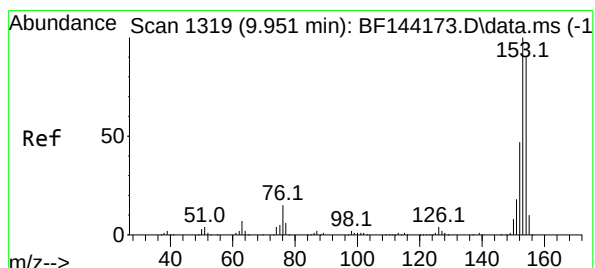
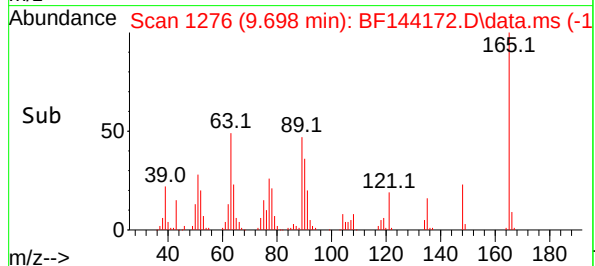
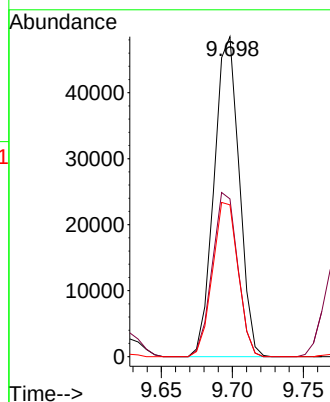
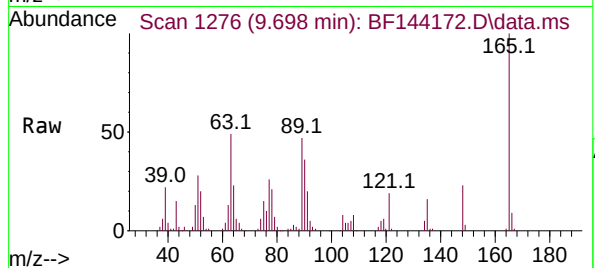
Tgt Ion:165 Resp: 59656

Ion Ratio Lower Upper

165 100

63 49.3 43.8 65.8

89 47.4 37.5 56.3



#52

Acenaphthene

Concen: 20.641 ng

RT: 9.945 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

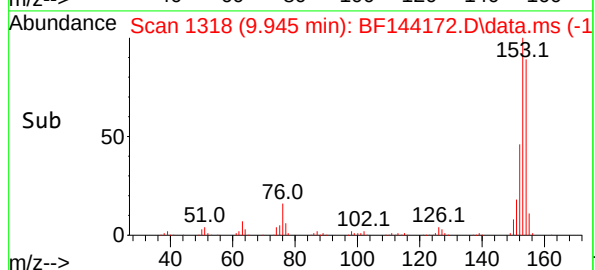
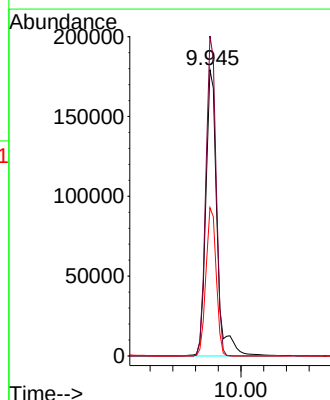
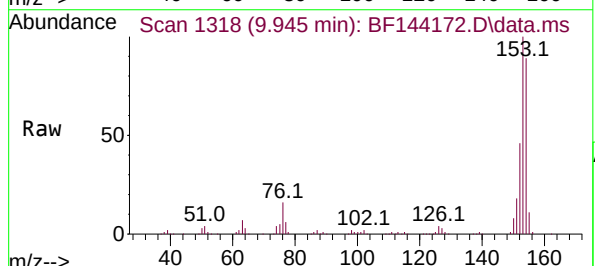
Tgt Ion:154 Resp: 246497

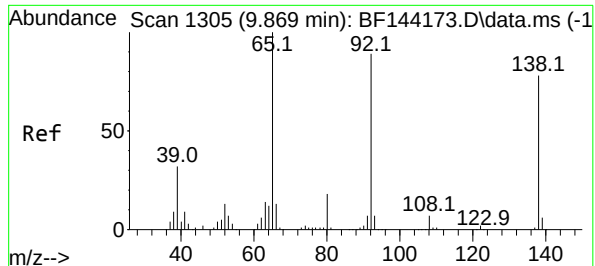
Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.4

152 51.8 42.2 63.4





#53

3-Nitroaniline

Concen: 20.623 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

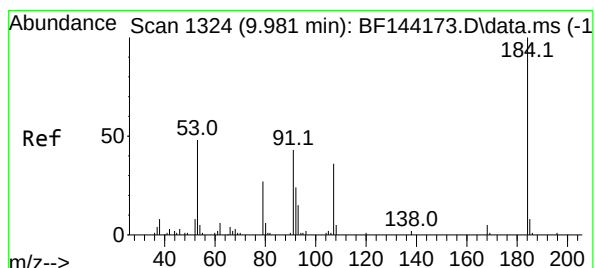
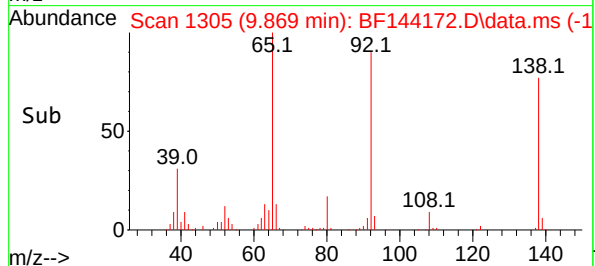
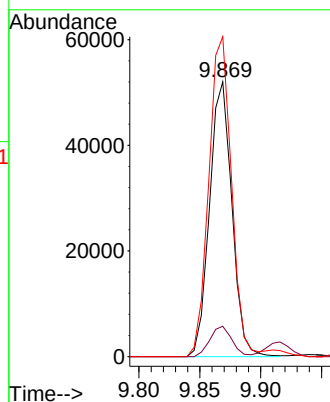
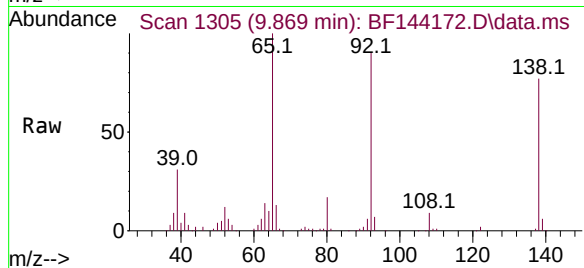
Tgt Ion:138 Resp: 66539

Ion Ratio Lower Upper

138 100

108 11.1 7.5 11.3

92 116.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 20.453 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

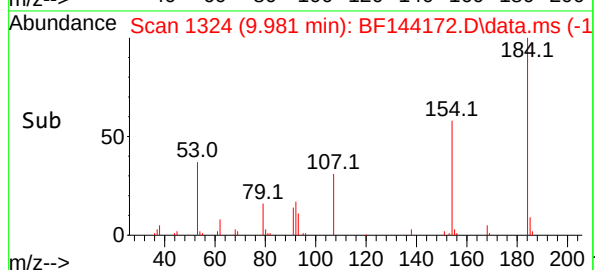
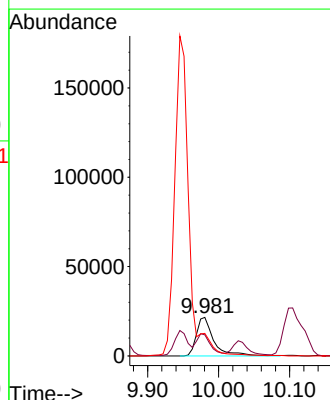
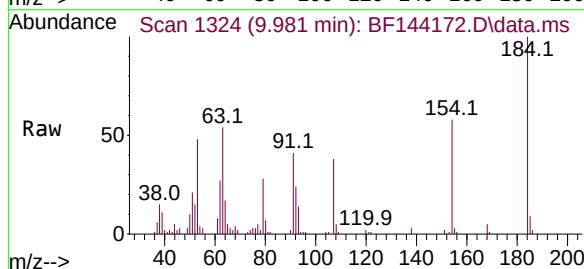
Tgt Ion:184 Resp: 36453

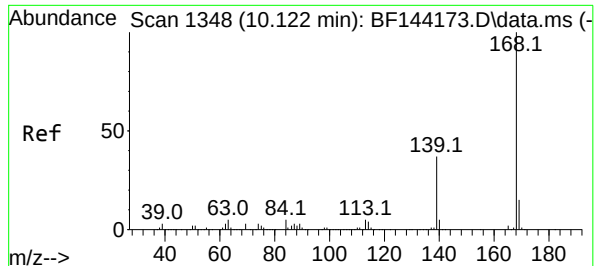
Ion Ratio Lower Upper

184 100

63 54.5 44.0 66.0

154 58.3 42.4 63.6





#55

Dibenzofuran

Concen: 20.864 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

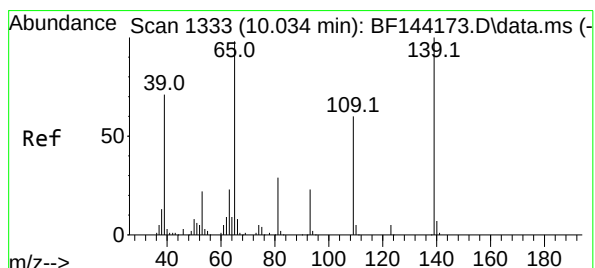
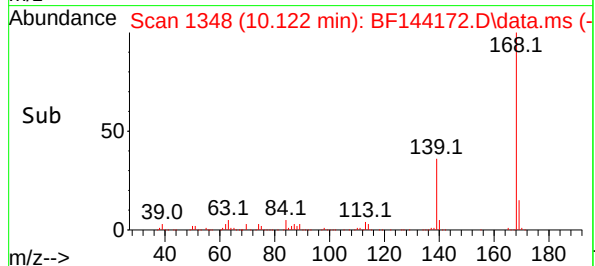
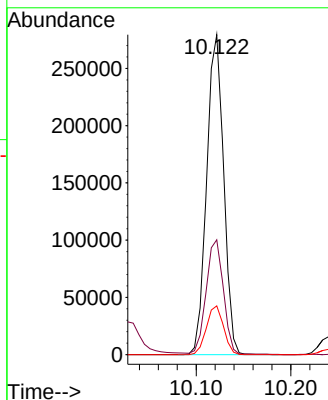
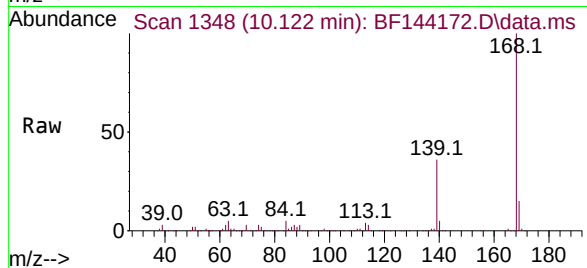
Tgt Ion:168 Resp: 348955

Ion Ratio Lower Upper

168 100

139 35.9 30.2 45.2

169 15.2 12.2 18.4



#56

4-Nitrophenol

Concen: 19.003 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

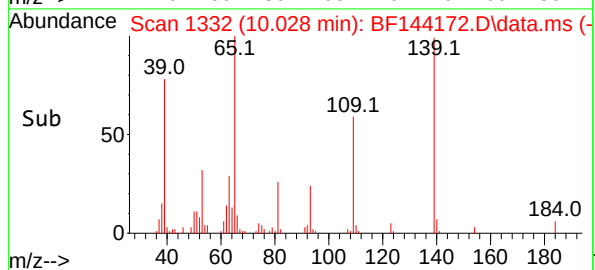
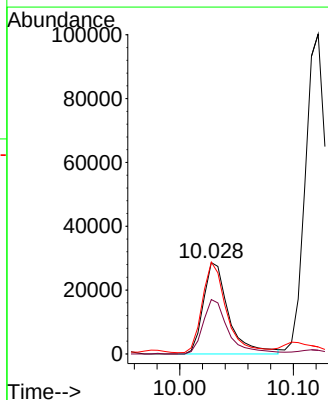
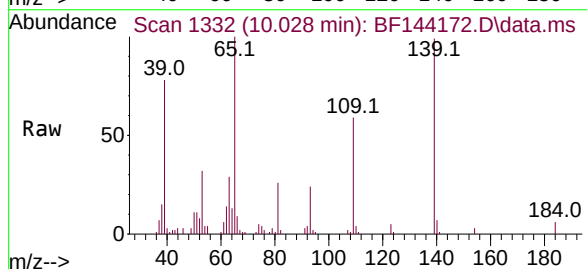
Tgt Ion:139 Resp: 44352

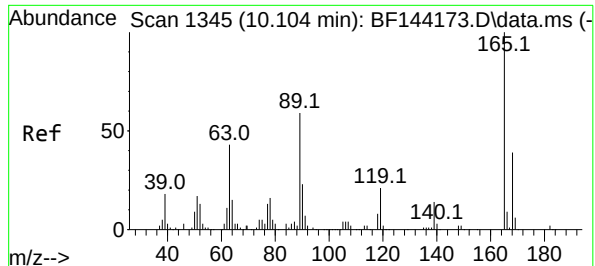
Ion Ratio Lower Upper

139 100

109 59.5 39.9 79.9

65 100.6 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 20.706 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 81812

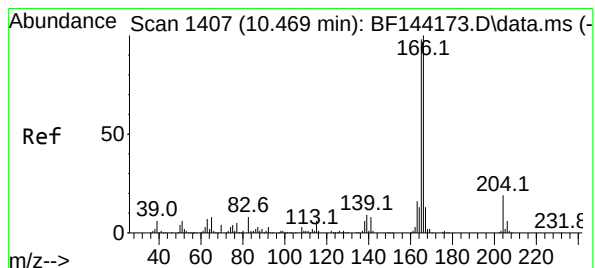
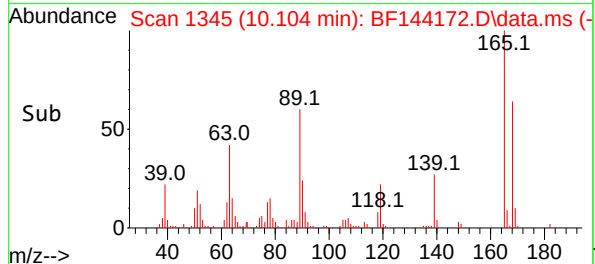
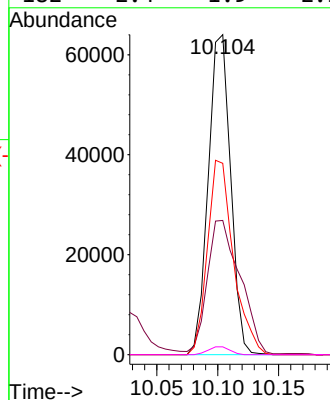
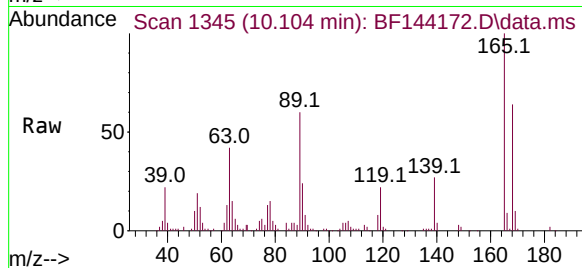
Ion Ratio Lower Upper

165 100

63 41.9 35.5 53.3

89 59.8 47.4 71.2

182 2.4 1.9 2.9



#58

Fluorene

Concen: 20.725 ng

RT: 10.463 min Scan# 1406

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

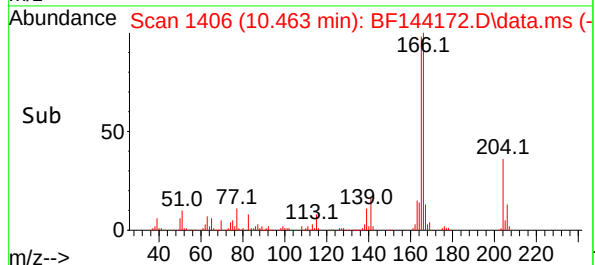
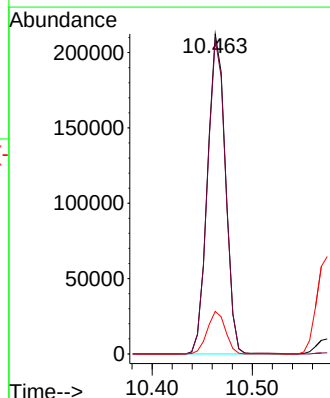
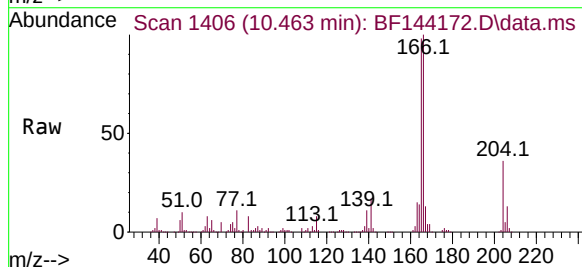
Tgt Ion:166 Resp: 263546

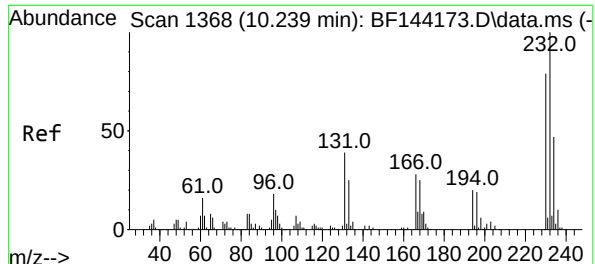
Ion Ratio Lower Upper

166 100

165 98.3 78.6 118.0

167 13.3 10.4 15.6

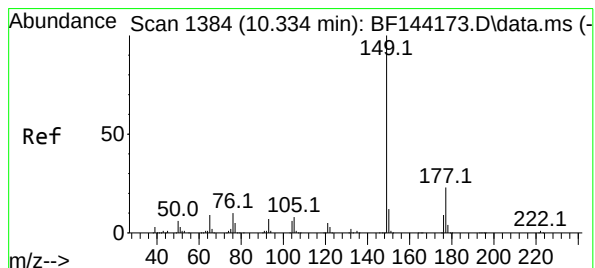
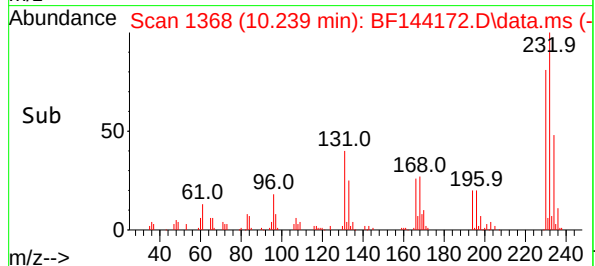
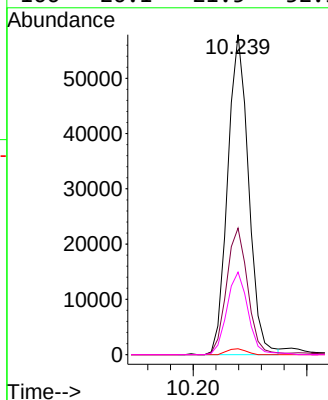
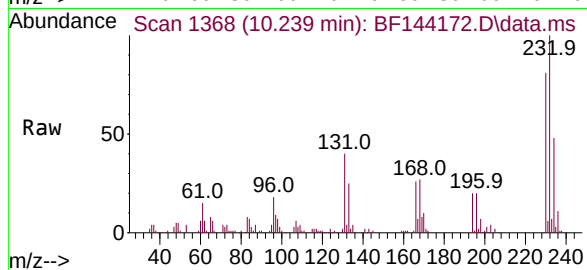




#59
2,3,4,6-Tetrachlorophenol
Concen: 19.762 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

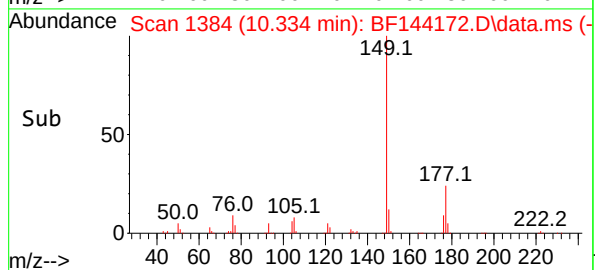
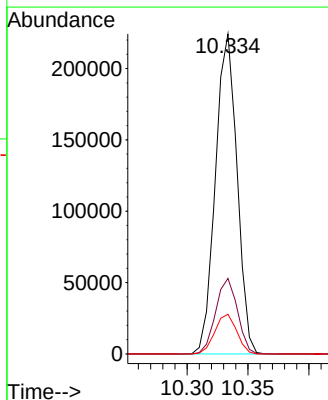
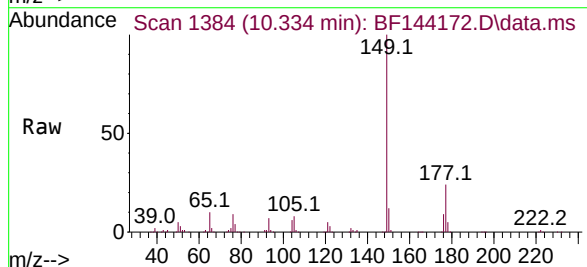
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

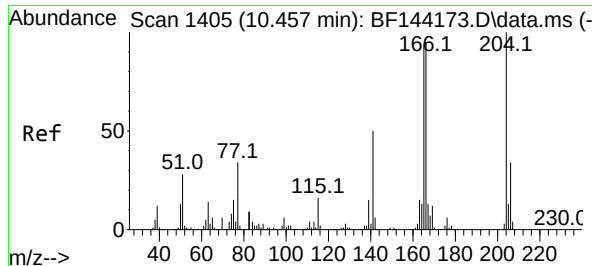
Tgt Ion:232 Resp: 73978
Ion Ratio Lower Upper
232 100
131 40.2 30.3 45.5
130 1.6 1.2 1.8
166 26.1 21.5 32.3



#60
Diethylphthalate
Concen: 20.535 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 276008
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.4 9.8 14.6

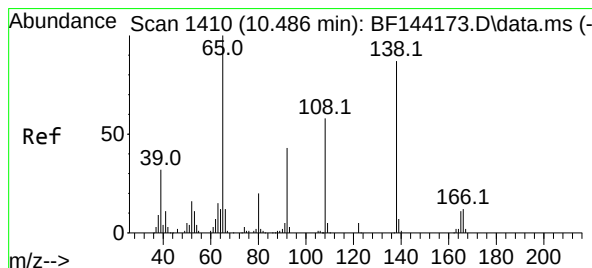
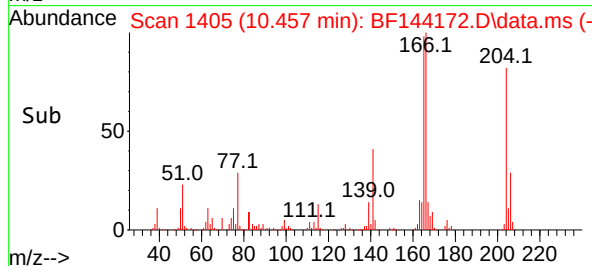
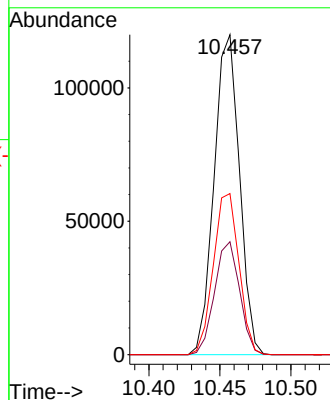
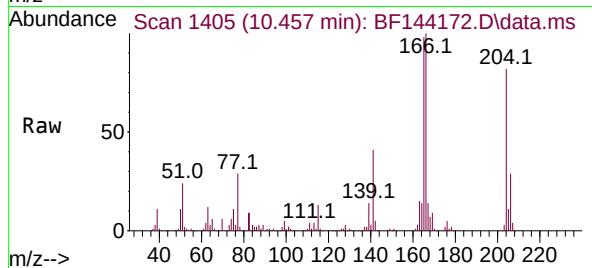




#61
4-Chlorophenyl-phenylether
Concen: 20.595 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

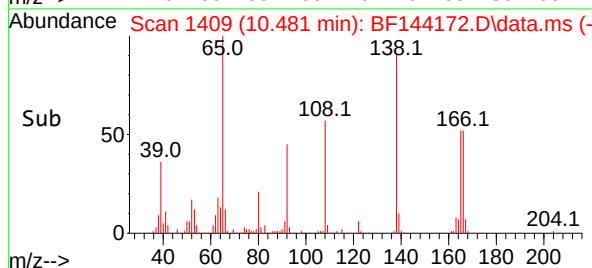
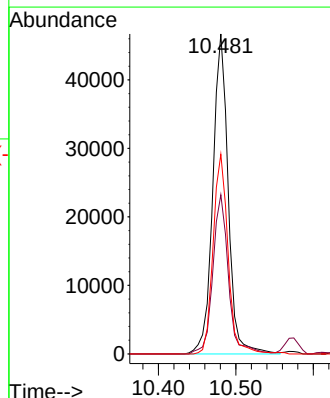
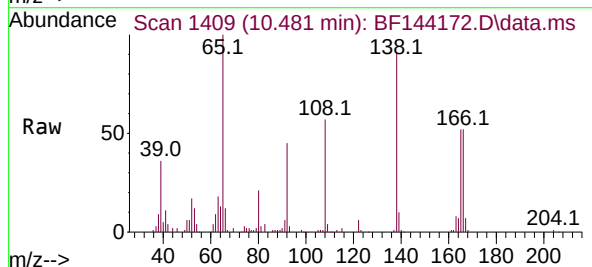
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

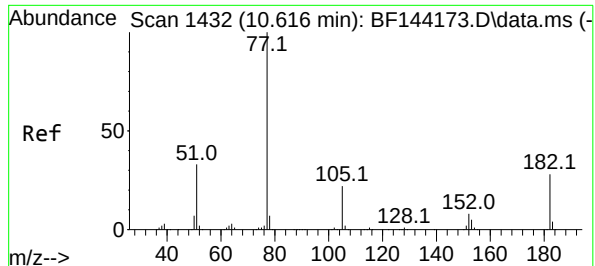
Tgt Ion:204 Resp: 149181
Ion Ratio Lower Upper
204 100
206 35.3 27.4 41.2
141 50.3 40.0 60.0



#62
4-Nitroaniline
Concen: 20.987 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.017 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:138 Resp: 64484
Ion Ratio Lower Upper
138 100
92 49.7 29.4 69.4
108 62.4 46.4 86.4

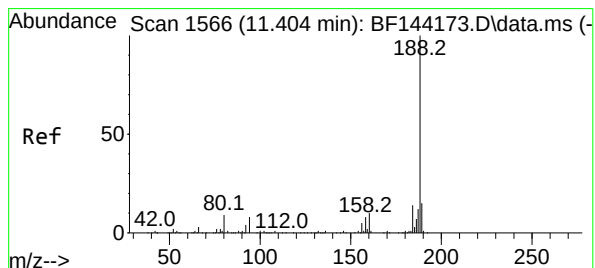
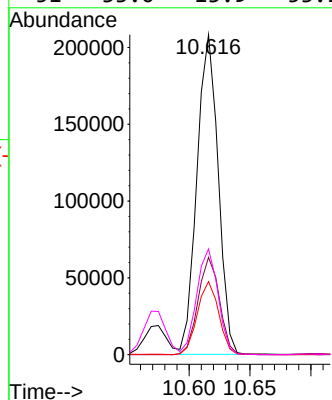
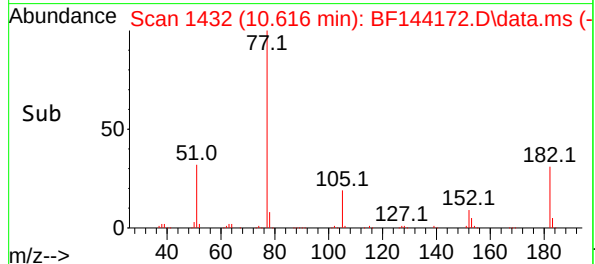
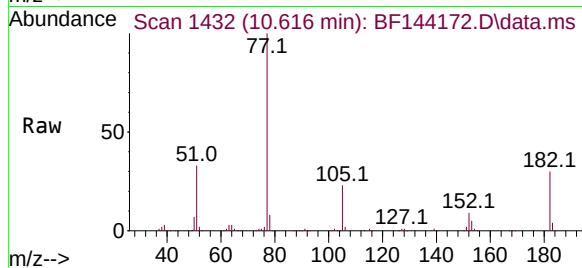




#63
Azobenzene
Concen: 20.147 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

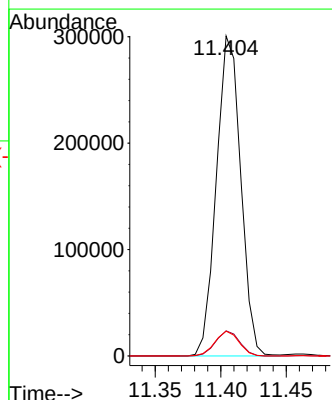
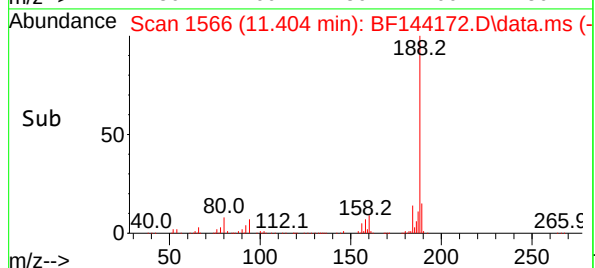
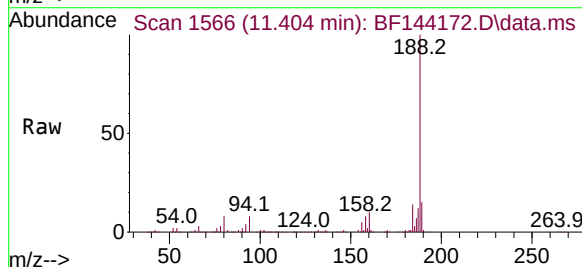
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

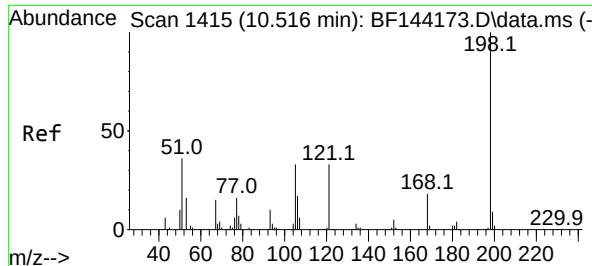
Tgt Ion:	77	Resp:	252025
Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.1	48.1
105	22.8	2.0	42.0
51	33.0	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:	188	Resp:	388430
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.2
80	7.7	6.9	10.3

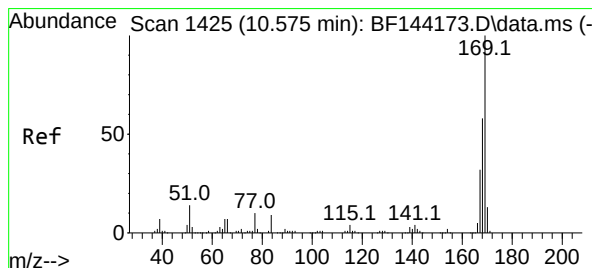
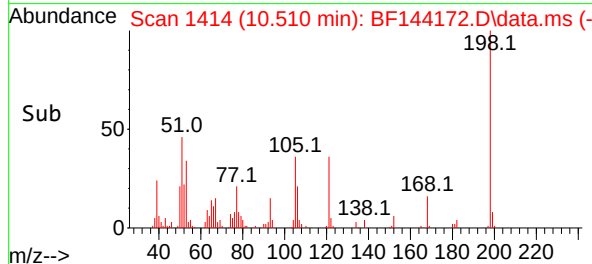
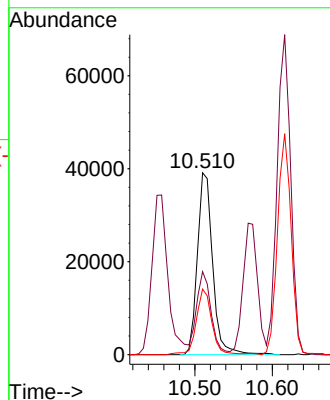
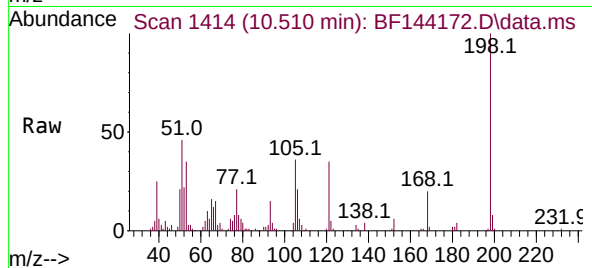




#65
4,6-Dinitro-2-methylphenol
Concen: 20.307 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

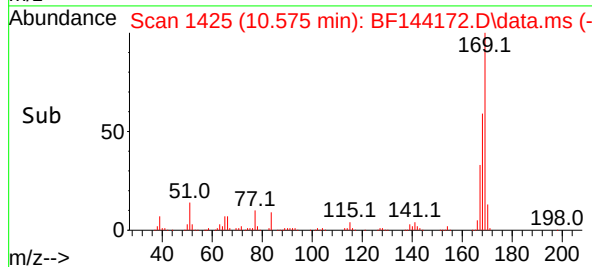
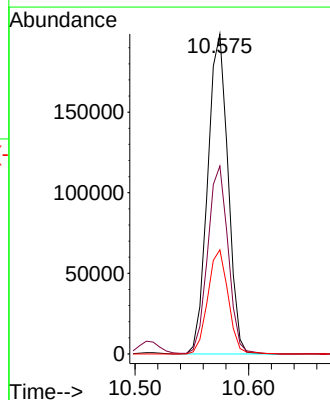
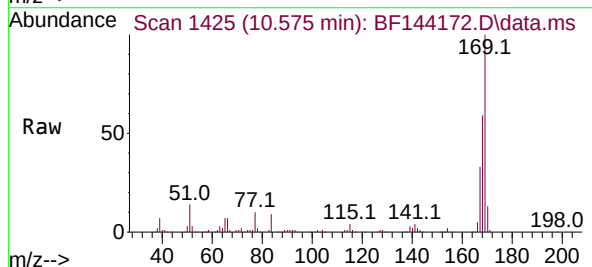
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

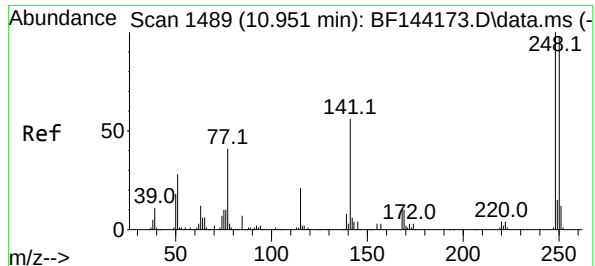
Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.6	25.6	65.6
105	36.0	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 19.743 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	58.7	46.2	69.2
167	32.5	25.7	38.5

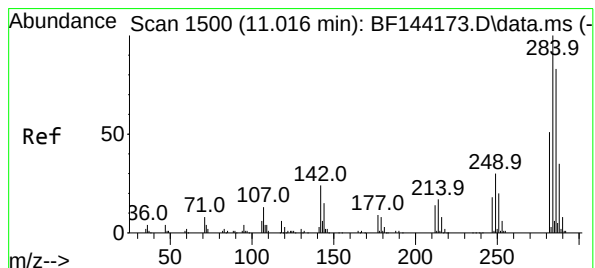
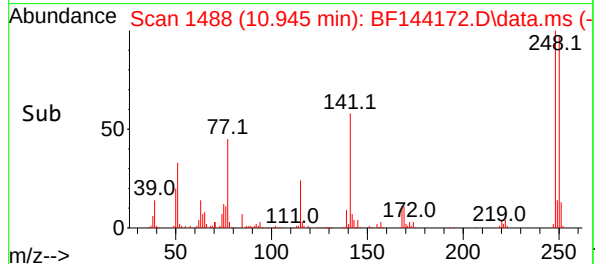
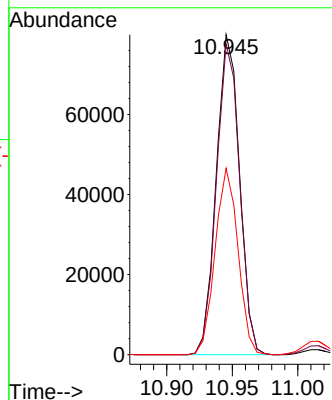
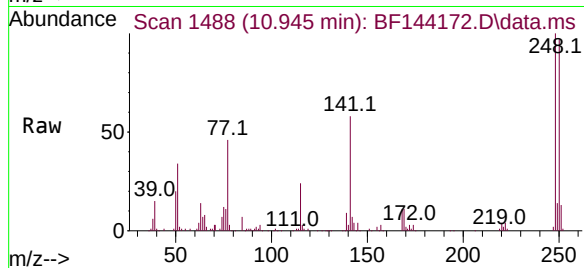




#67
4-Bromophenyl-phenylether
Concen: 19.959 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

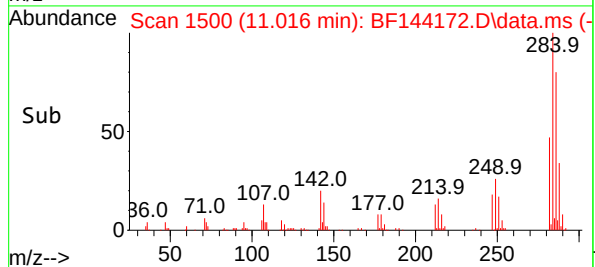
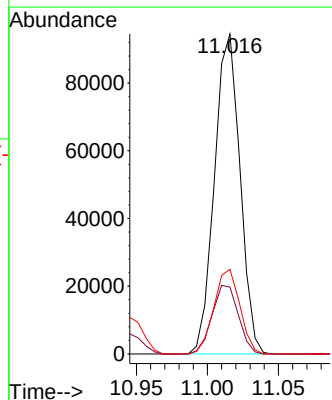
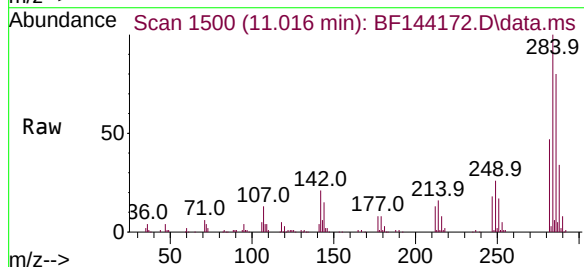
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

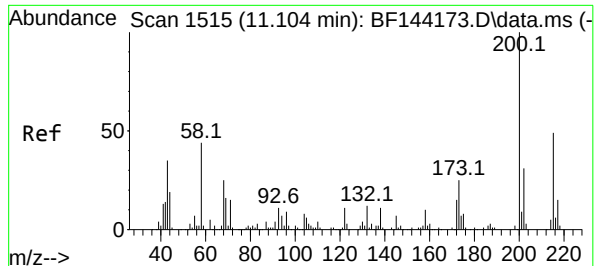
Tgt Ion:248 Resp: 98958
Ion Ratio Lower Upper
248 100
250 97.1 78.4 117.6
141 58.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 20.279 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:284 Resp: 118426
Ion Ratio Lower Upper
284 100
142 20.9 19.2 28.8
249 26.4 23.8 35.8





#69

Atrazine

Concen: 21.052 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

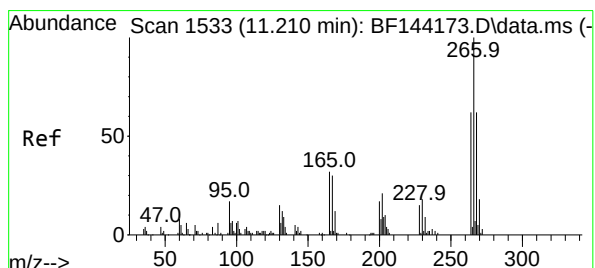
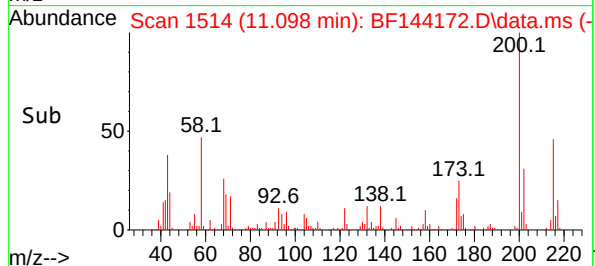
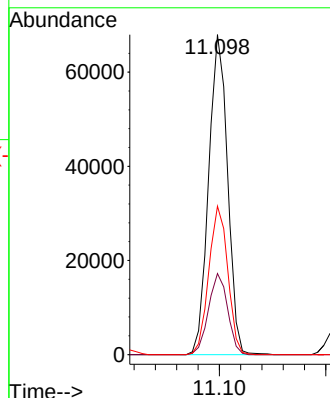
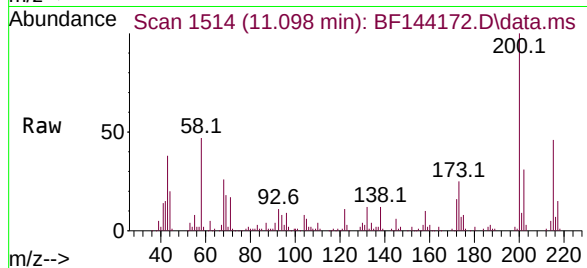
Tgt Ion:200 Resp: 83639

Ion Ratio Lower Upper

200 100

173 25.3 5.0 45.0

215 46.4 28.7 68.7



#70

Pentachlorophenol

Concen: 19.177 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

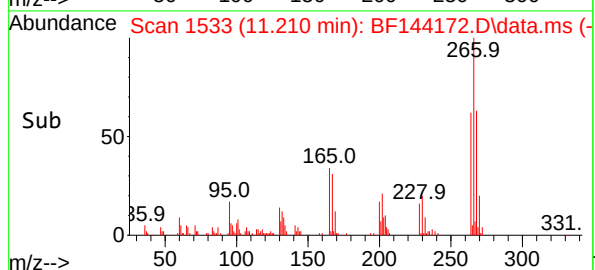
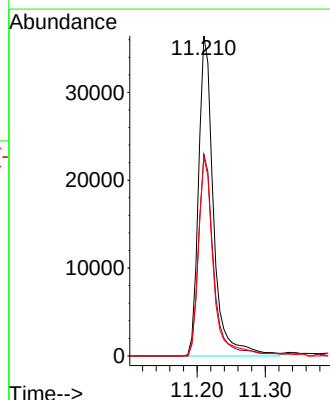
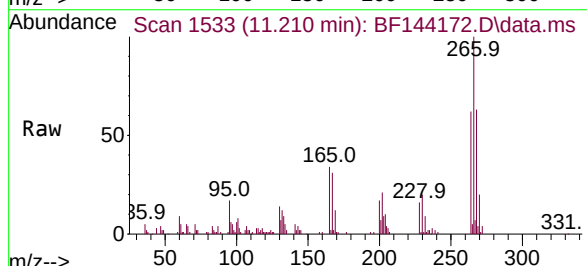
Tgt Ion:266 Resp: 55766

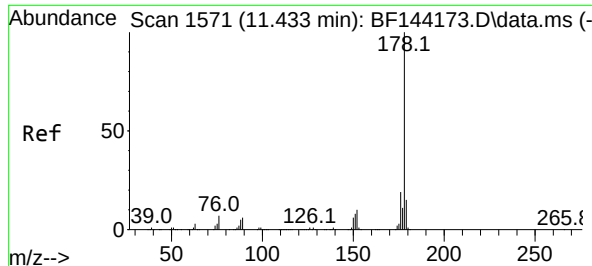
Ion Ratio Lower Upper

266 100

268 63.0 49.5 74.3

264 62.1 49.4 74.2

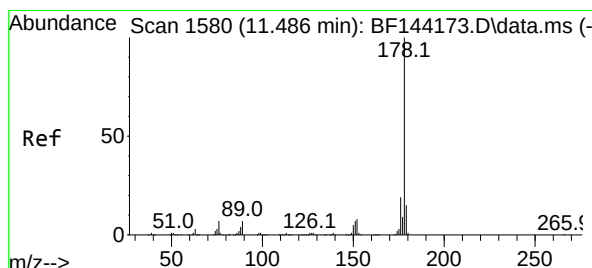
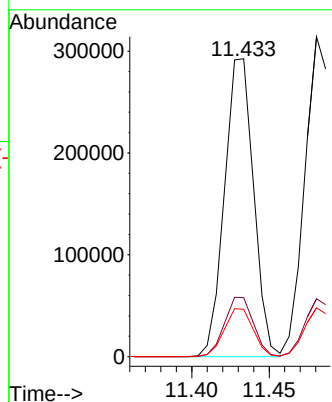
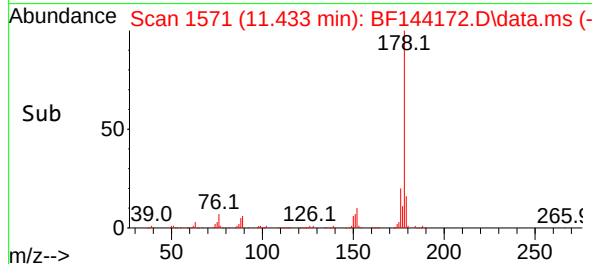
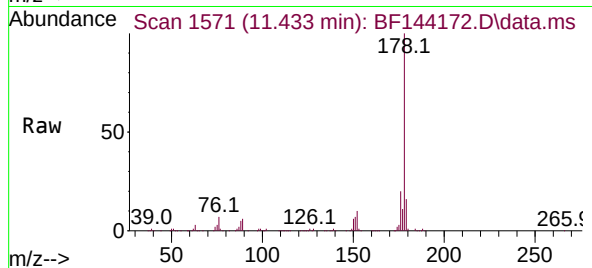




#71
Phenanthrene
Concen: 19.794 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

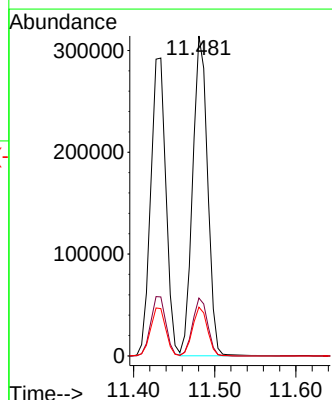
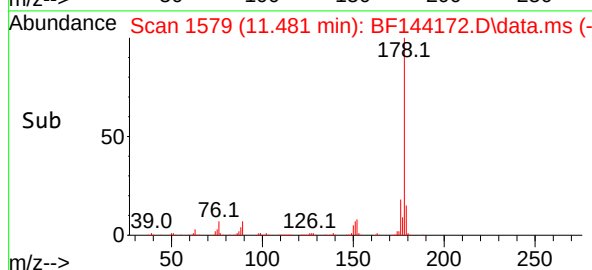
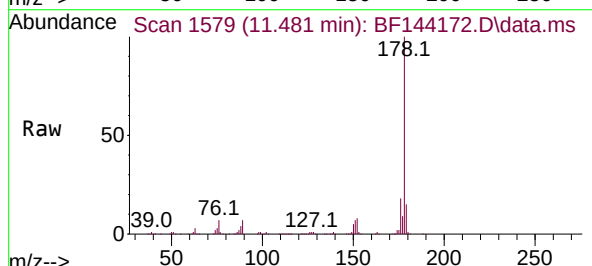
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

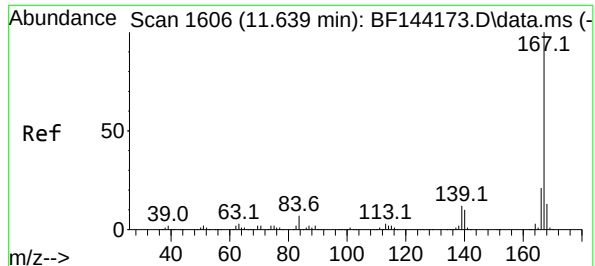
Tgt Ion:178 Resp: 382805
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.2 18.4



#72
Anthracene
Concen: 20.292 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:178 Resp: 399043
Ion Ratio Lower Upper
178 100
176 18.1 15.3 22.9
179 15.3 12.0 18.0

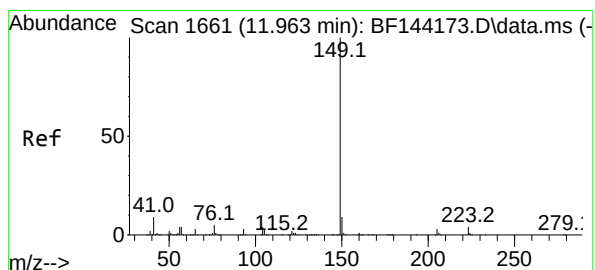
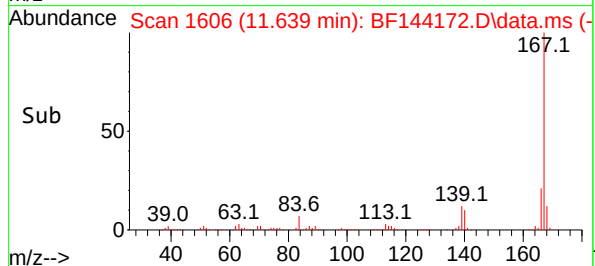
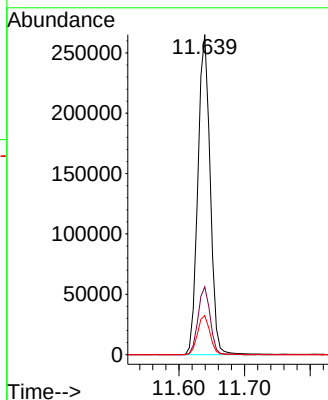
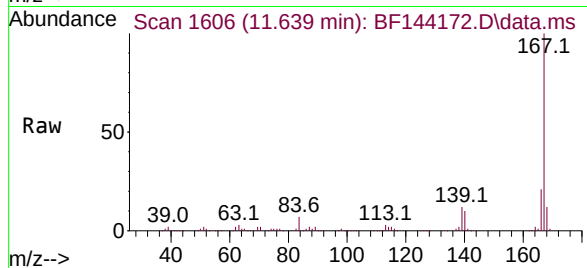




#73
Carbazole
Concen: 20.490 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

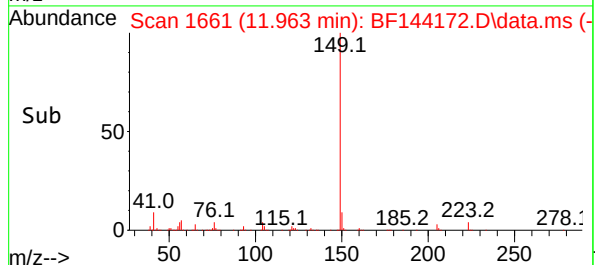
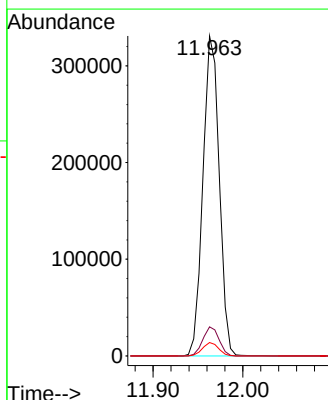
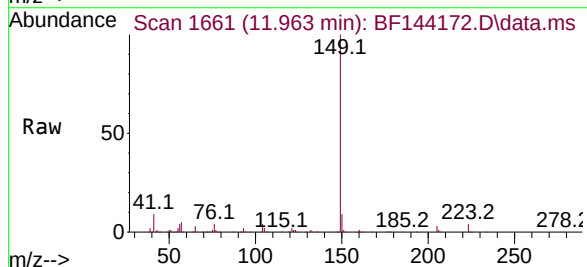
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

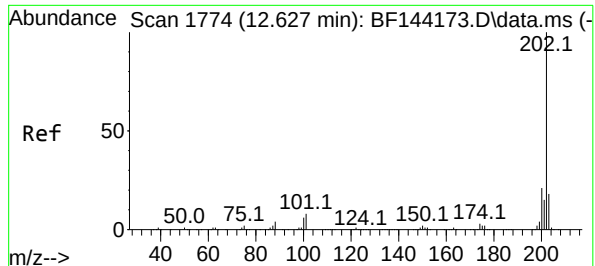
Tgt Ion:167 Resp: 342636
Ion Ratio Lower Upper
167 100
166 21.2 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 20.691 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:149 Resp: 418262
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.2 3.4 5.2

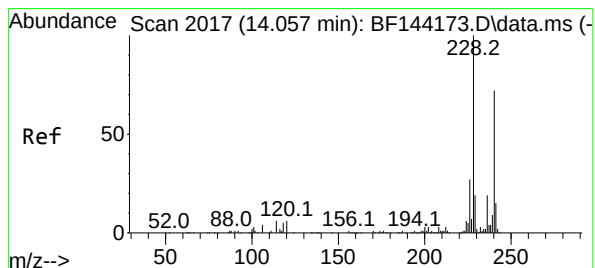
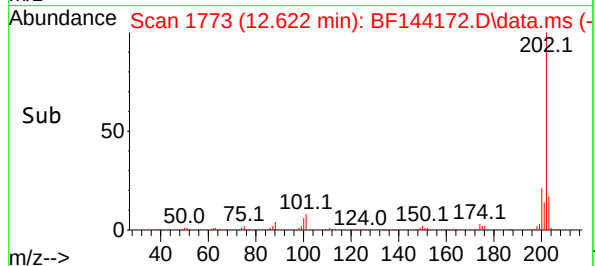
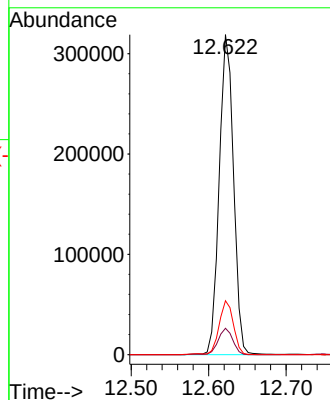
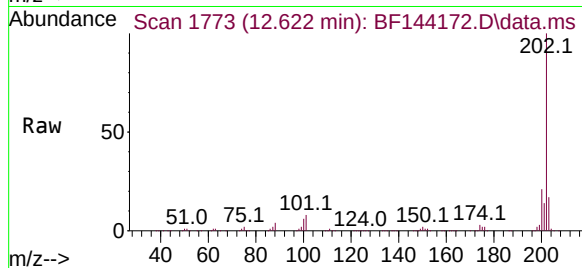




#75
Fluoranthene
Concen: 20.466 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

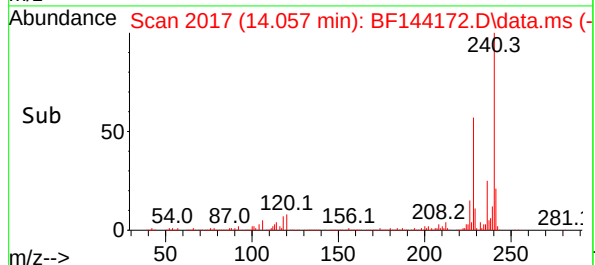
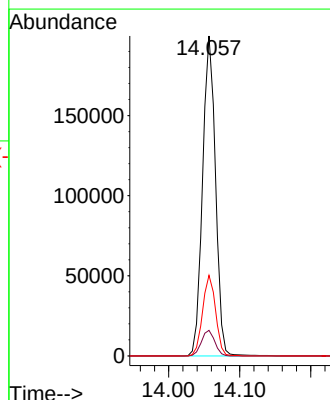
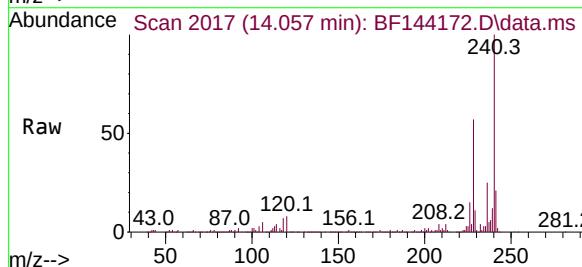
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

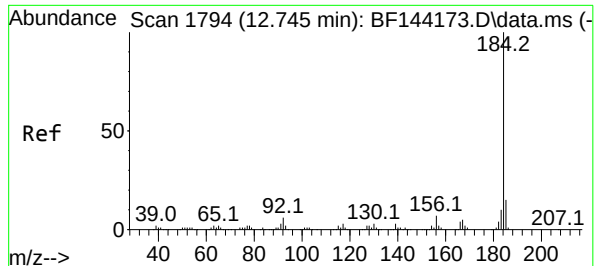
Tgt Ion:202 Resp: 408870
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.9
203 16.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:240 Resp: 250706
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.2 21.4 32.2





#77

Benzidine

Concen: 17.535 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

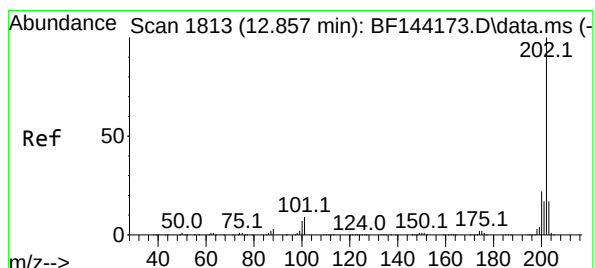
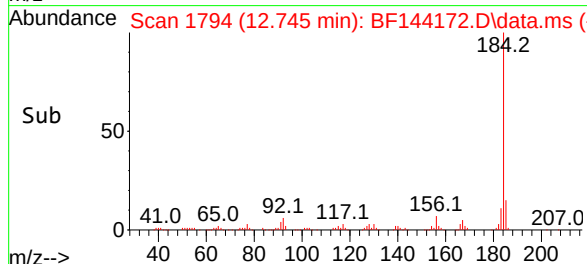
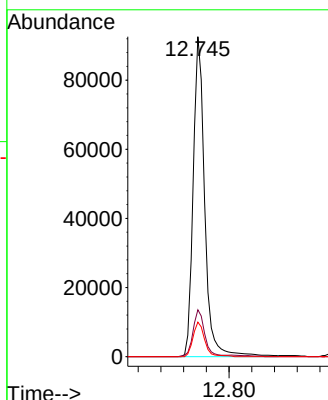
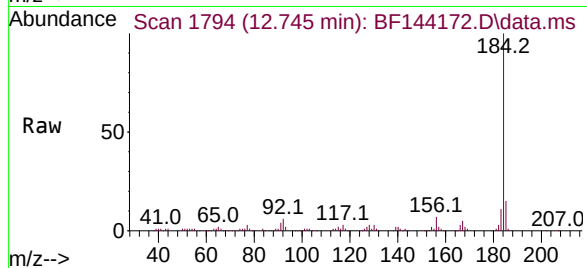
Tgt Ion:184 Resp: 130033

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.8 8.3 12.5



#78

Pyrene

Concen: 20.229 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

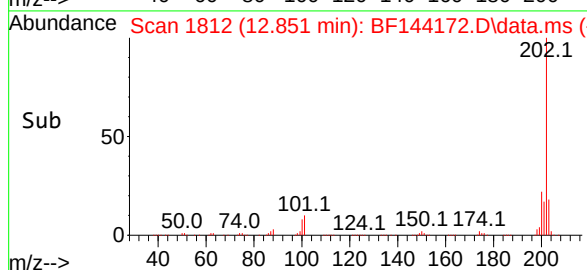
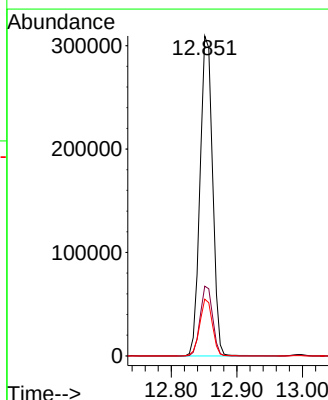
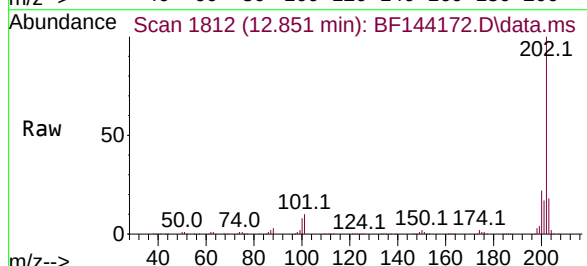
Tgt Ion:202 Resp: 408920

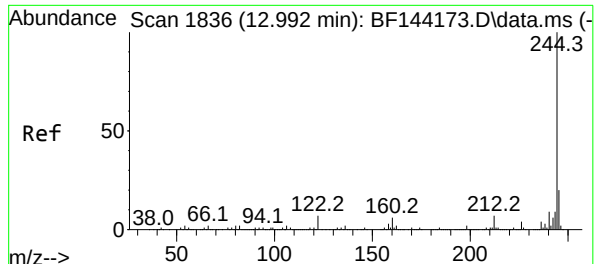
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.7 13.7 20.5





#79

Terphenyl-d14

Concen: 40.461 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144172.D

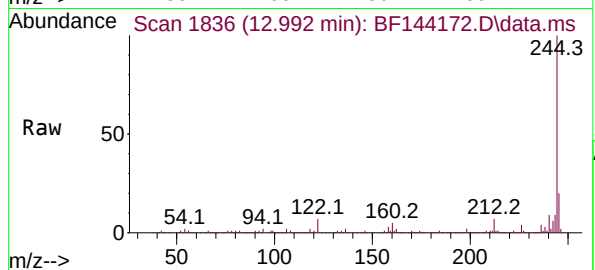
Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



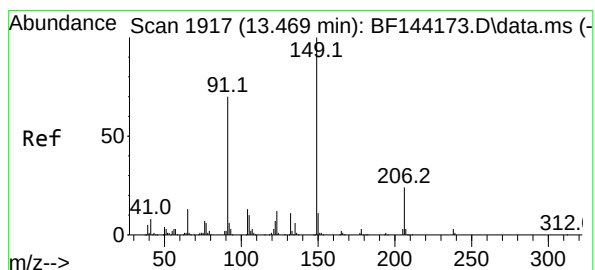
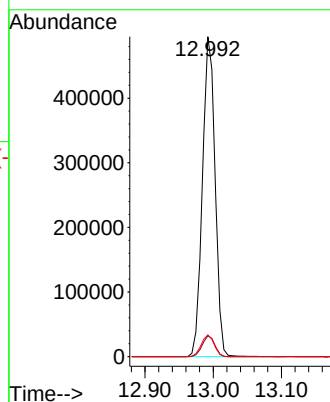
Tgt Ion:244 Resp: 638611

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.8 5.6 8.4



#80

Butylbenzylphthalate

Concen: 19.677 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

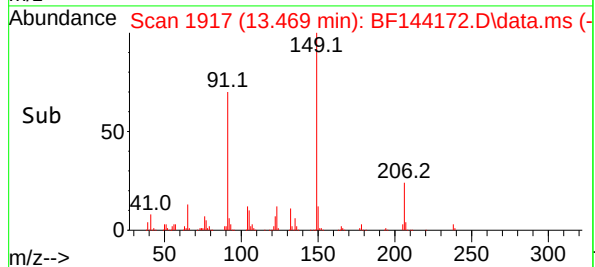
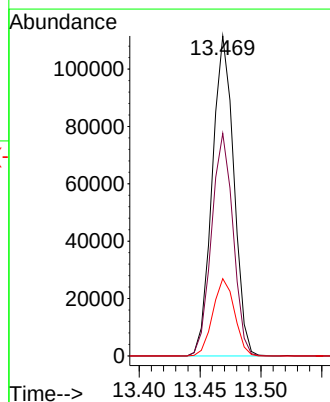
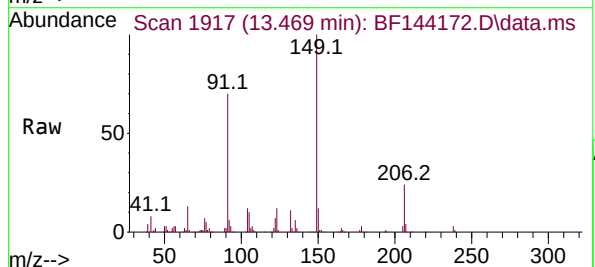
Tgt Ion:149 Resp: 137856

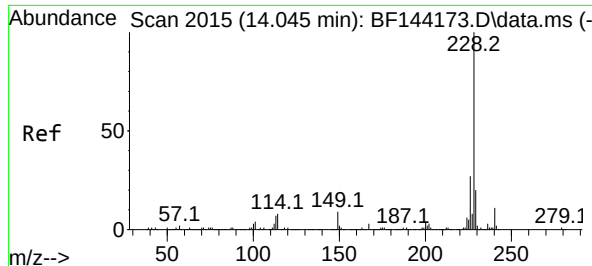
Ion Ratio Lower Upper

149 100

91 69.5 56.1 84.1

206 24.1 18.8 28.2

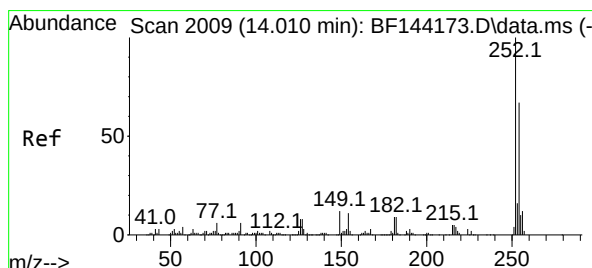
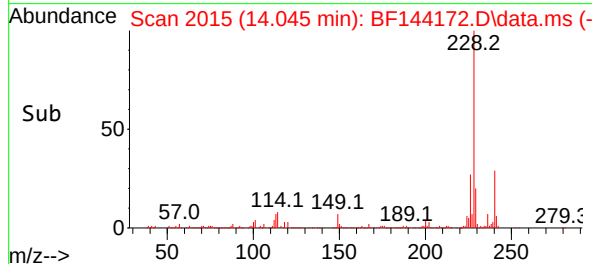
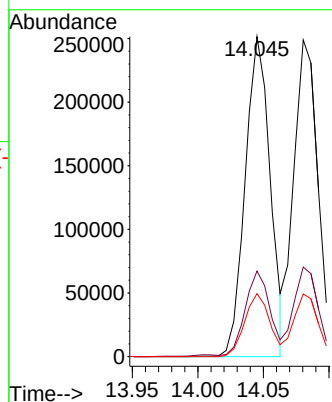
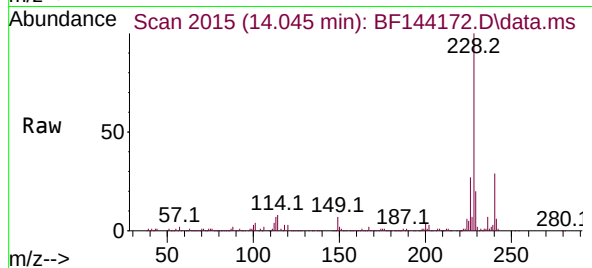




#81
Benzo(a)anthracene
Concen: 19.191 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

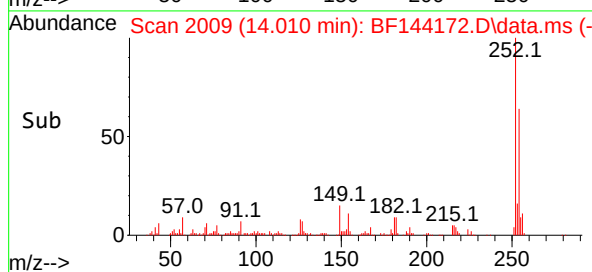
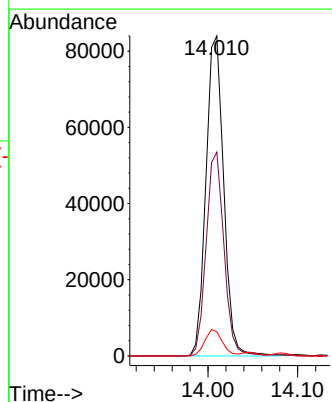
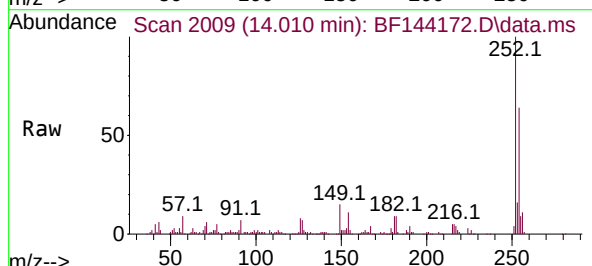
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

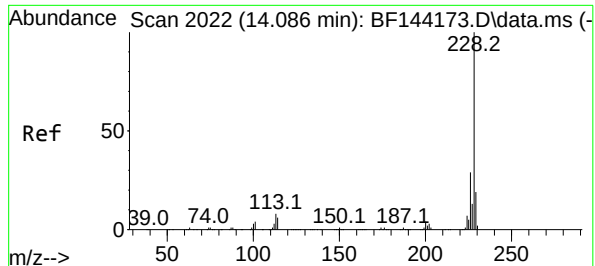
Tgt Ion:228 Resp: 333458
Ion Ratio Lower Upper
228 100
226 26.7 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 19.389 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:252 Resp: 115478
Ion Ratio Lower Upper
252 100
254 63.7 53.5 80.3
126 7.6 6.4 9.6





#83

Chrysene

Concen: 19.995 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

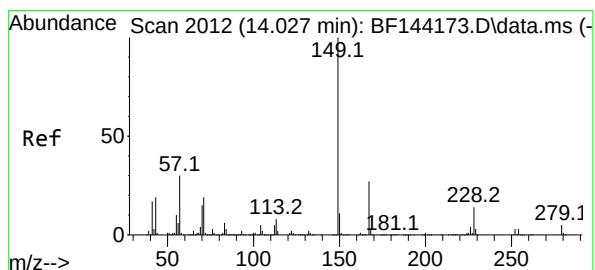
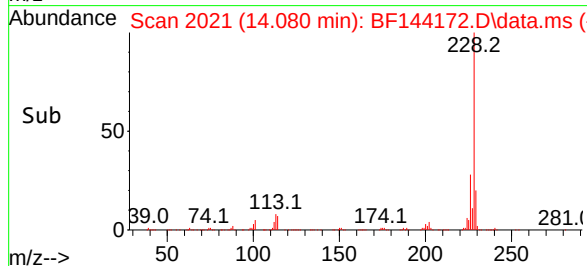
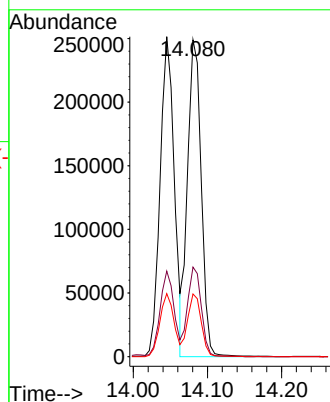
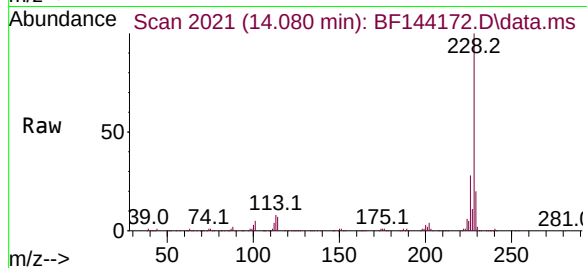
Tgt Ion:228 Resp: 320726

Ion Ratio Lower Upper

228 100

226 28.3 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.738 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

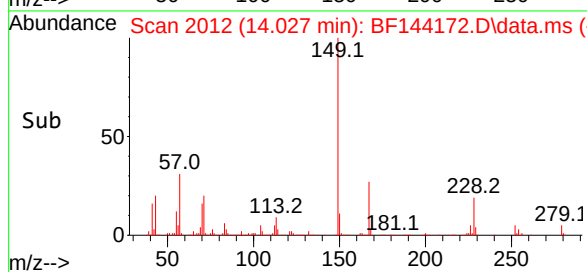
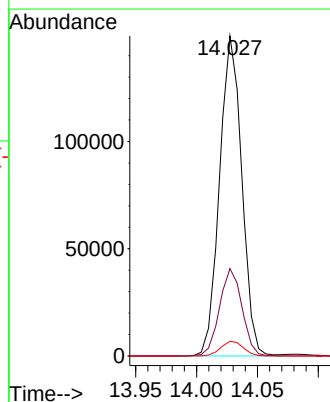
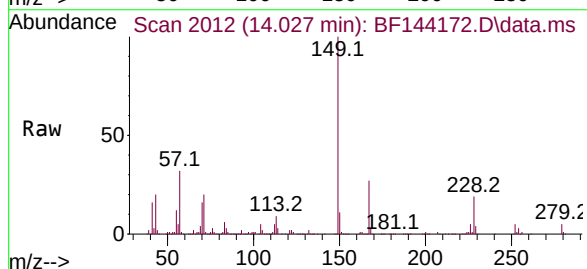
Tgt Ion:149 Resp: 189305

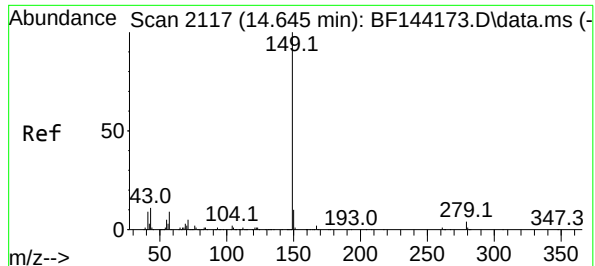
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.6 3.7 5.5

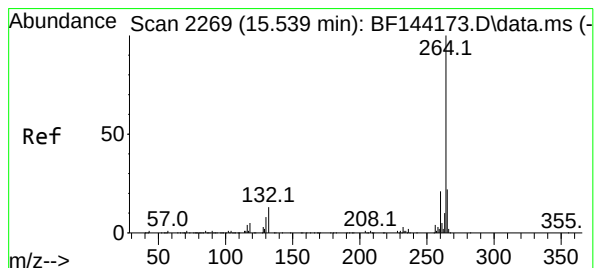
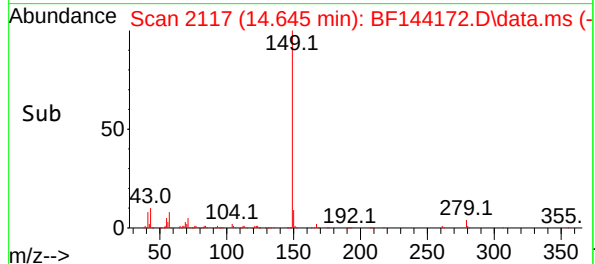
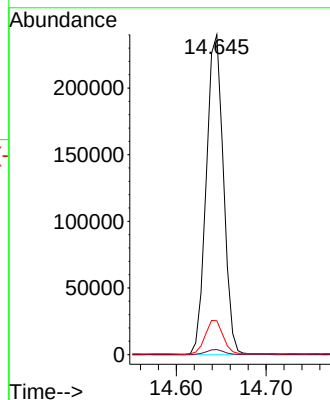
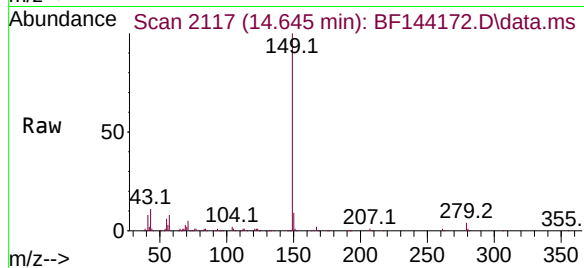




#85
Di-n-octyl phthalate
Concen: 19.268 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

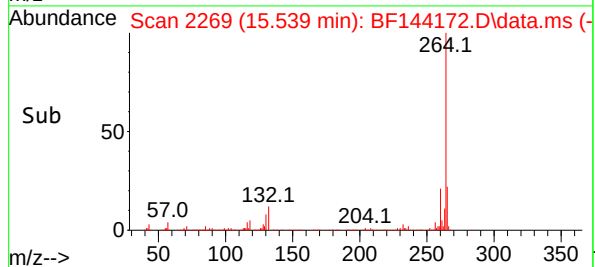
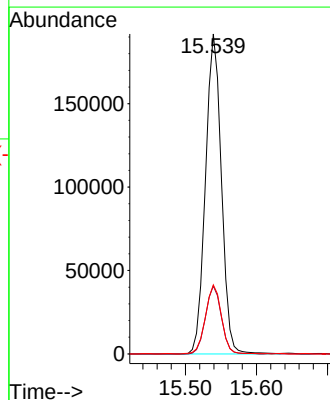
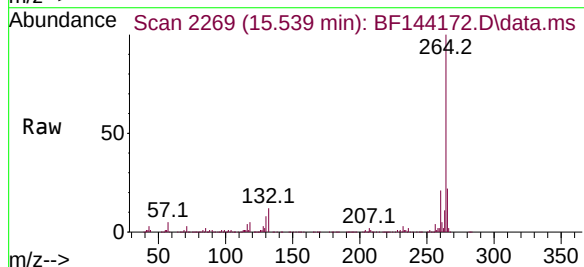
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

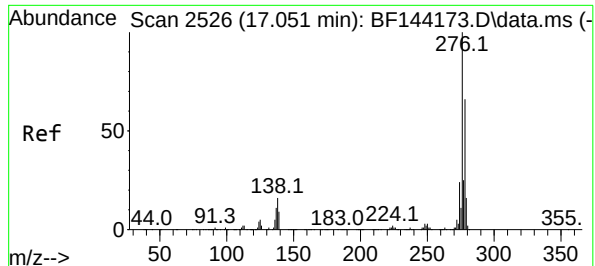
Tgt Ion:149 Resp: 318841
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144172.D
Acq: 05 Nov 2025 14:20

Tgt Ion:264 Resp: 297677
Ion Ratio Lower Upper
264 100
260 21.2 17.1 25.7
265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.155 ng

RT: 17.045 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

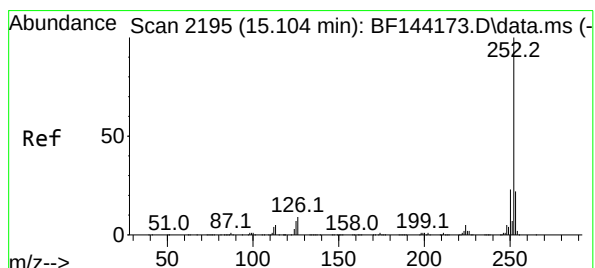
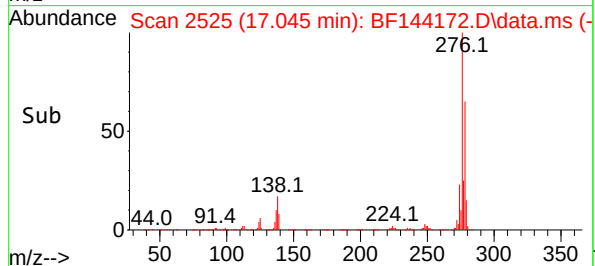
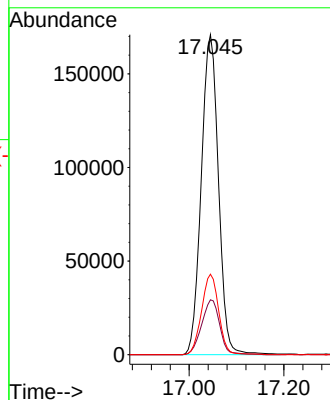
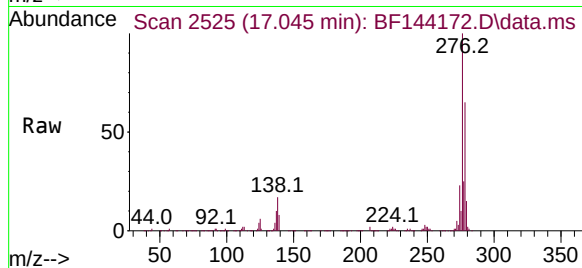
Tgt Ion:276 Resp: 430691

Ion Ratio Lower Upper

276 100

138 18.0 13.9 20.9

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 19.598 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

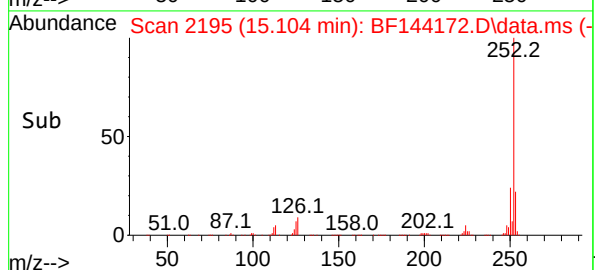
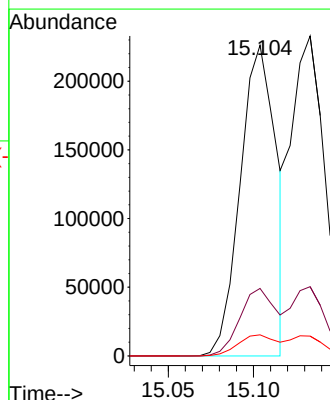
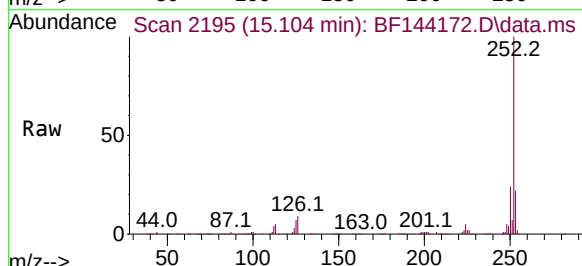
Tgt Ion:252 Resp: 331673

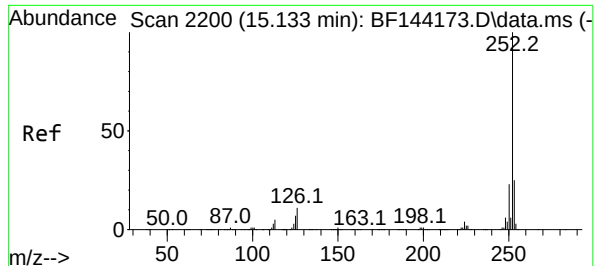
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 6.8 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 20.358 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

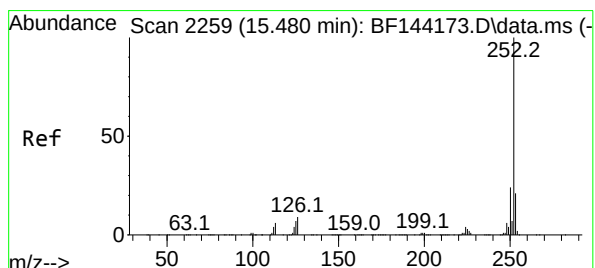
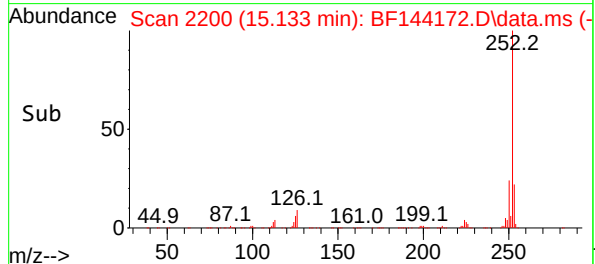
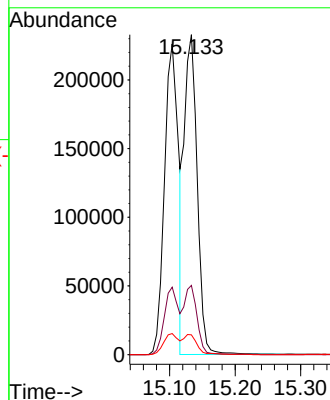
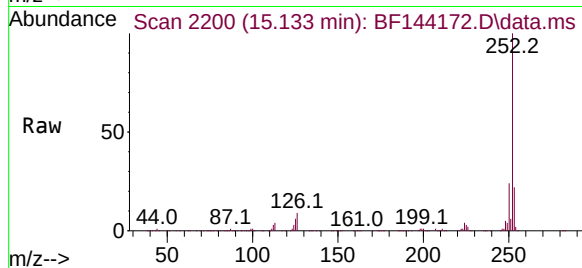
Tgt Ion:252 Resp: 322479

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 20.169 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

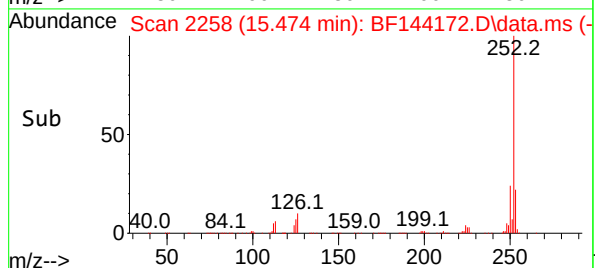
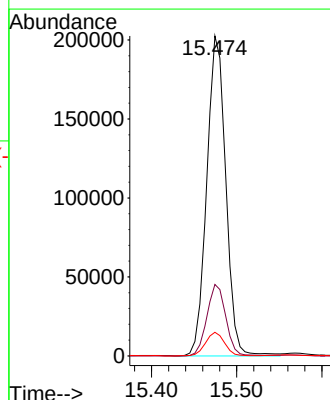
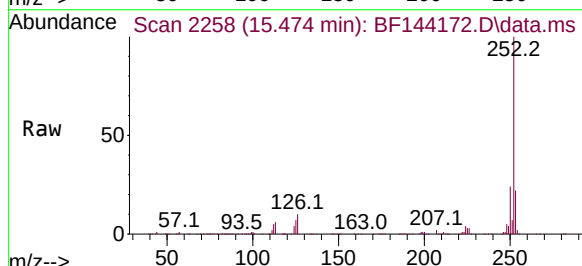
Tgt Ion:252 Resp: 314894

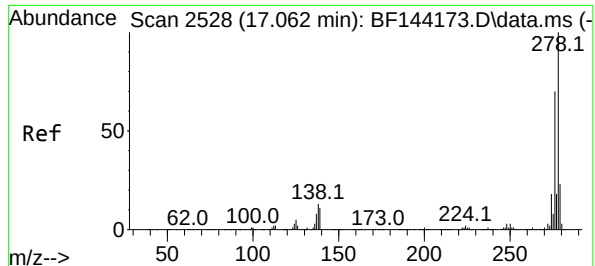
Ion Ratio Lower Upper

252 100

253 22.3 16.7 25.1

125 7.4 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 20.383 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

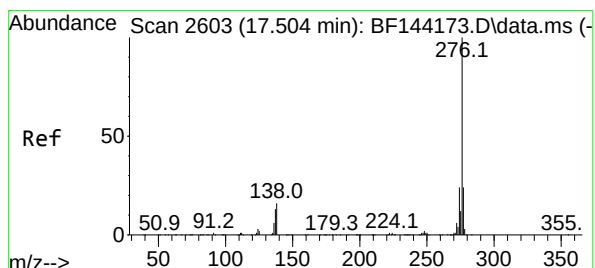
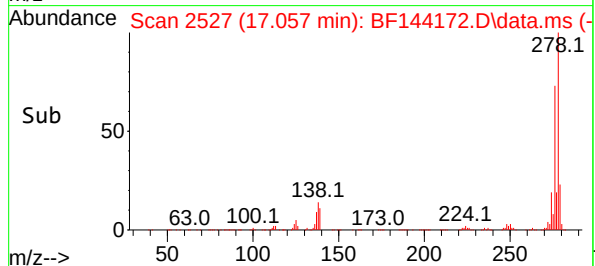
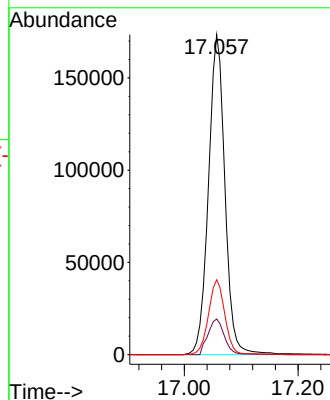
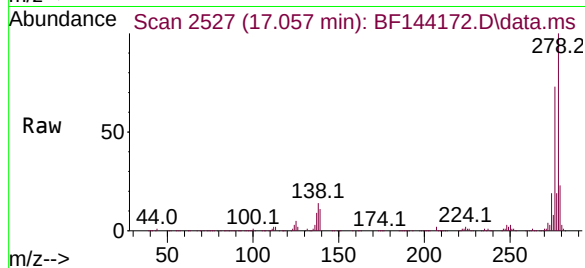
Tgt Ion:278 Resp: 349788

Ion Ratio Lower Upper

278 100

139 11.1 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 20.248 ng

RT: 17.498 min Scan# 2602

Delta R.T. -0.023 min

Lab File: BF144172.D

Acq: 05 Nov 2025 14:20

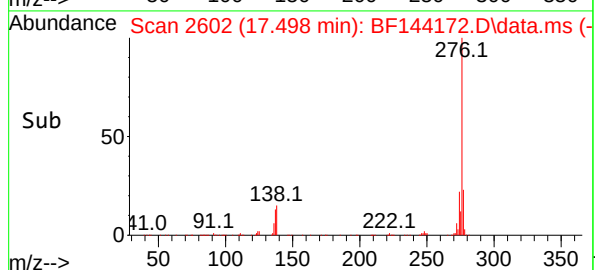
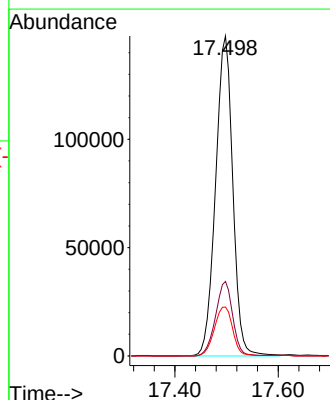
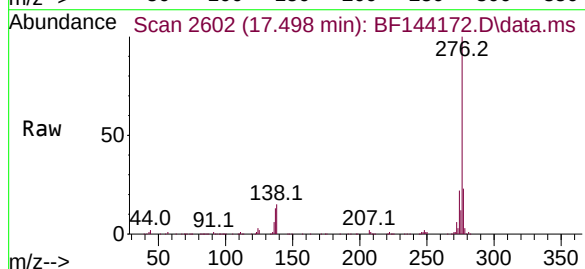
Tgt Ion:276 Resp: 343144

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 15.3 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69901	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	262306	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	148823	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	257329	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162650	20.000	ng	0.00
86) Perylene-d12	15.539	264	208923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	367722	82.322	ng	0.00
7) Phenol-d6	6.504	99	408339	80.678	ng	0.00
23) Nitrobenzene-d5	7.440	82	377687	83.160	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	157795	84.493	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	803464	79.737	ng	0.00
79) Terphenyl-d14	12.992	244	856515	83.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	77384	41.903	ng	100
3) Pyridine	3.375	79	212533	41.251	ng	100
4) n-Nitrosodimethylamine	3.322	42	108374	40.269	ng	100
6) Aniline	6.540	93	288906	40.064	ng	100
8) 2-Chlorophenol	6.657	128	179075	40.879	ng	100
9) Benzaldehyde	6.428	77	114062	39.909	ng	100
10) Phenol	6.516	94	259703	41.997	ng	100
11) bis(2-Chloroethyl)ether	6.610	93	184041	40.844	ng	100
12) 1,3-Dichlorobenzene	6.816	146	215469	39.861	ng	100
13) 1,4-Dichlorobenzene	6.893	146	222488	41.084	ng	100
14) 1,2-Dichlorobenzene	7.045	146	207631	40.001	ng	100
15) Benzyl Alcohol	7.016	79	162316	40.501	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	338078	40.743	ng	100
17) 2-Methylphenol	7.128	107	144386	41.431	ng	100
18) Hexachloroethane	7.387	117	74377	41.339	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	132769	39.848	ng	100
20) 3+4-Methylphenols	7.281	107	169917	41.361	ng	100
22) Acetophenone	7.287	105	227627	40.452	ng	100
24) Nitrobenzene	7.457	77	203520	41.272	ng	100
25) Isophorone	7.692	82	352919	41.082	ng	100
26) 2-Nitrophenol	7.775	139	103181	42.269	ng	100
27) 2,4-Dimethylphenol	7.810	122	156535	42.784	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	221900	41.364	ng	100
29) 2,4-Dichlorophenol	8.016	162	173779	41.210	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	176777	40.825	ng	100
31) Naphthalene	8.181	128	508521	40.755	ng	100
32) Benzoic acid	7.916	122	94209	35.128	ng	100
33) 4-Chloroaniline	8.228	127	190054	41.763	ng	100
34) Hexachlorobutadiene	8.292	225	135990	41.671	ng	100
35) Caprolactam	8.598	113	48459	41.945	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	155844	41.237	ng	100
37) 2-Methylnaphthalene	8.869	142	339639	40.712	ng	100
38) 1-Methylnaphthalene	8.969	142	325483	40.435	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	200998	41.210	ng	100
41) Hexachlorocyclopentadiene	9.022	237	59520	39.991	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	135691	40.875	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144173.D
 Acq On : 05 Nov 2025 14:50
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

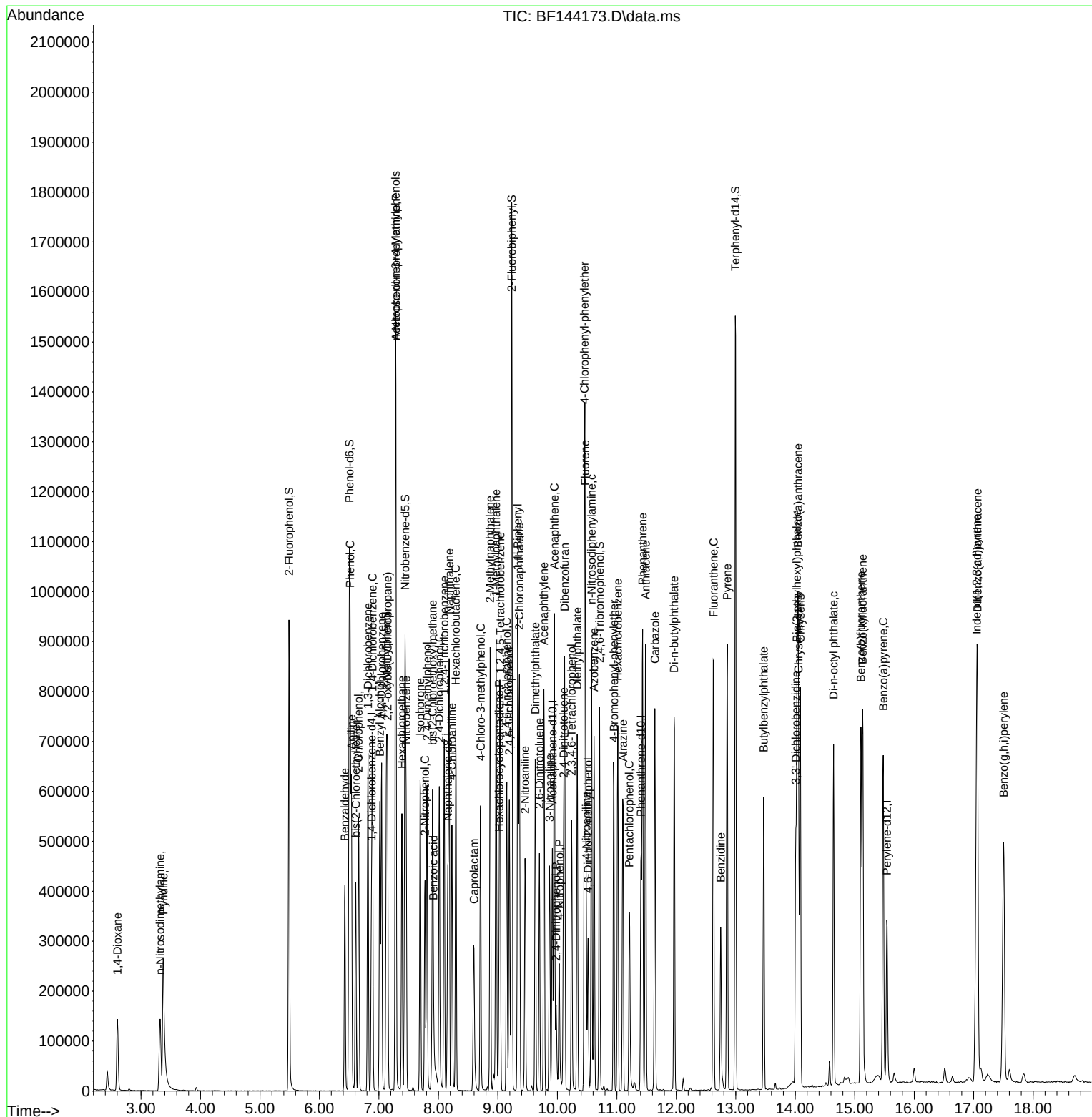
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	145405	40.641	ng	100
46) 1,1'-Biphenyl	9.334	154	419119	40.345	ng	100
47) 2-Chloronaphthalene	9.363	162	358514	40.458	ng	100
48) 2-Nitroaniline	9.457	65	107536	42.059	ng	100
49) Acenaphthylene	9.775	152	489708	40.553	ng	100
50) Dimethylphthalate	9.628	163	400479	40.620	ng	100
51) 2,6-Dinitrotoluene	9.698	165	82166	41.169	ng	100
52) Acenaphthene	9.951	154	326285	40.406	ng	100
53) 3-Nitroaniline	9.869	138	93636	42.918	ng	100
54) 2,4-Dinitrophenol	9.981	184	41716	34.614	ng	100
55) Dibenzofuran	10.122	168	461538	40.810	ng	100
56) 4-Nitrophenol	10.034	139	60643	38.426	ng	100
57) 2,4-Dinitrotoluene	10.104	165	114508	42.858	ng	100
58) Fluorene	10.469	166	351182	40.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	106411	42.037	ng	100
60) Diethylphthalate	10.334	149	373187	41.061	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	203750	41.598	ng	100
62) 4-Nitroaniline	10.486	138	85679	41.237	ng	100
63) Azobenzene	10.616	77	346367	40.948	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	67029	38.343	ng	100
66) n-Nitrosodiphenylamine	10.575	169	332623	40.189	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135319	41.198	ng	100
68) Hexachlorobenzene	11.016	284	154532	39.943	ng	100
69) Atrazine	11.104	200	105912	40.239	ng	100
70) Pentachlorophenol	11.210	266	80306	41.685	ng	100
71) Phenanthrene	11.433	178	519052	40.513	ng	100
72) Anthracene	11.486	178	525954	40.372	ng	100
73) Carbazole	11.639	167	451935	40.796	ng	100
74) Di-n-butylphthalate	11.963	149	550628	41.117	ng	100
75) Fluoranthene	12.627	202	542525	40.992	ng	100
77) Benzidine	12.745	184	202921	42.178	ng	100
78) Pyrene	12.857	202	554374	42.272	ng	100
80) Butylbenzylphthalate	13.469	149	191850	42.209	ng	100
81) Benzo(a)anthracene	14.045	228	465201	41.267	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	156957	40.620	ng	100
83) Chrysene	14.086	228	456347	43.853	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	265384	42.651	ng	100
85) Di-n-octyl phthalate	14.645	149	458823	42.739	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	620668	41.385	ng	100
88) Benzo(b)fluoranthene	15.104	252	515192	43.375	ng	100
89) Benzo(k)fluoranthene	15.133	252	435087	39.135	ng	100
90) Benzo(a)pyrene	15.480	252	449869	41.055	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	500778	41.578	ng	100
92) Benzo(g,h,i)perylene	17.504	276	497680	41.843	ng	100

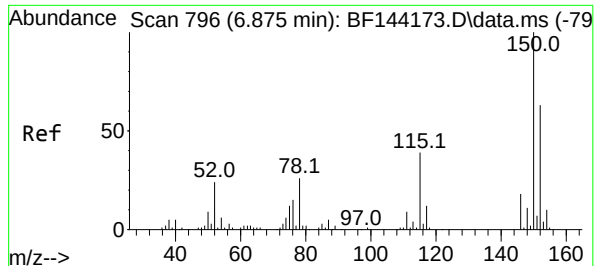
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144173.D  
Acq On    : 05 Nov 2025  14:50  
Operator  : RC/JU  
Sample    : SSTDICCC040  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Nov 05 17:24:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration

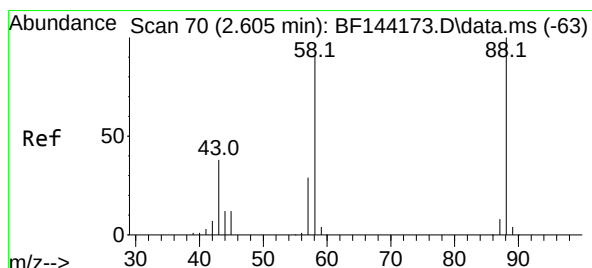
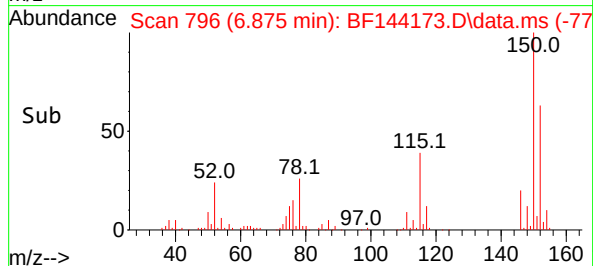
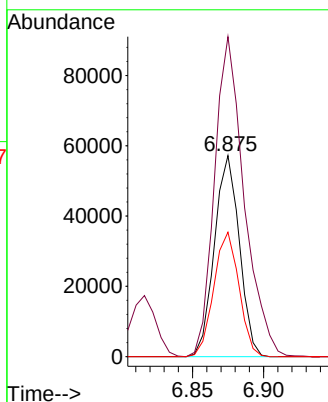
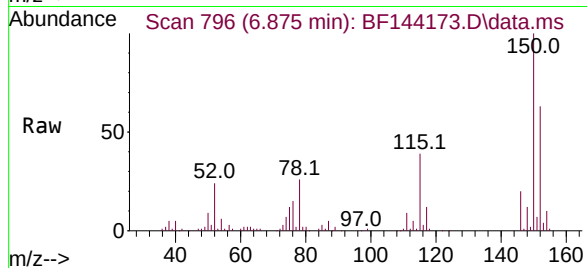




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

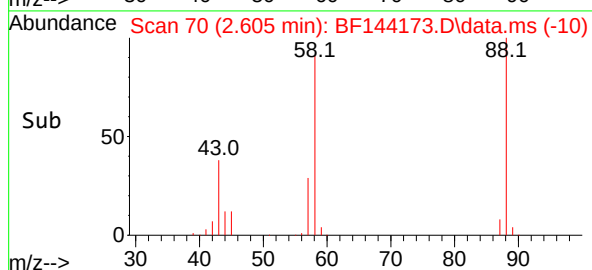
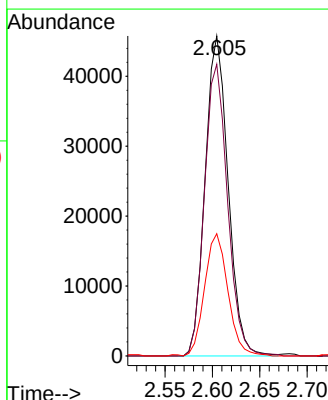
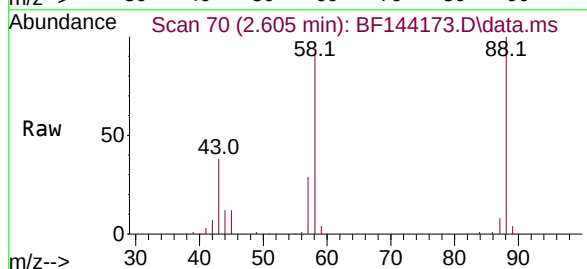
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

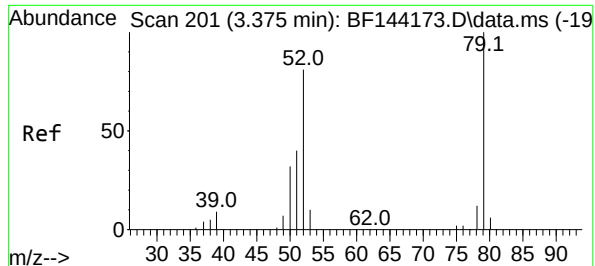
Tgt Ion:152 Resp: 69901
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 61.9 49.5 74.3



#2
1,4-Dioxane
Concen: 41.903 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 88 Resp: 77384
Ion Ratio Lower Upper
88 100
58 91.4 73.1 109.7
43 38.8 31.0 46.6

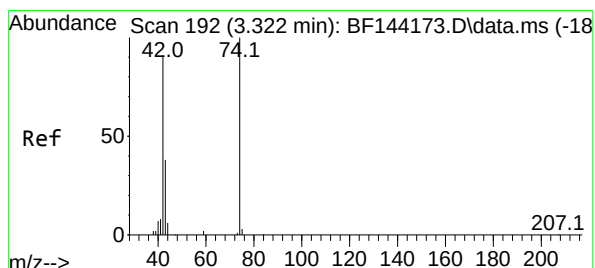
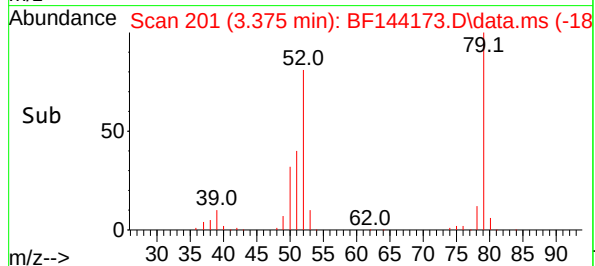
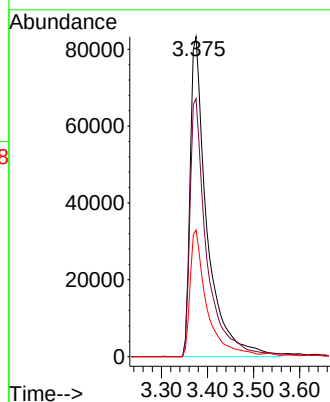
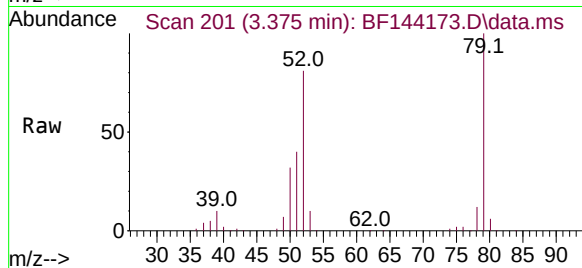




#3
Pyridine
Concen: 41.251 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

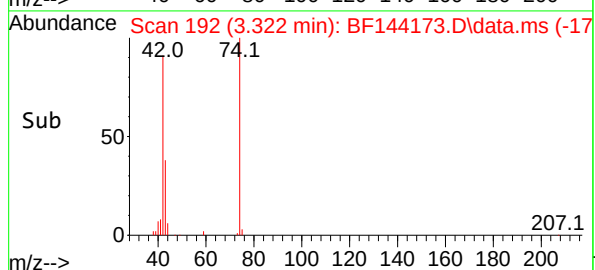
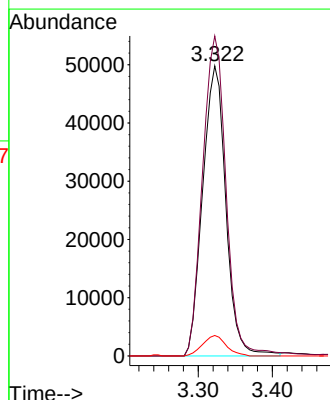
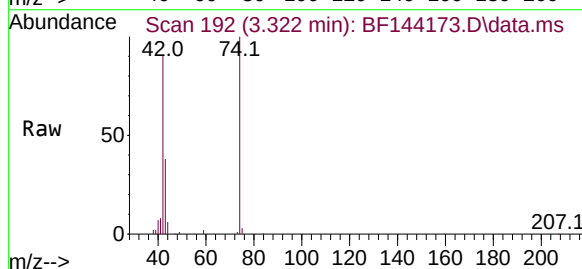
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

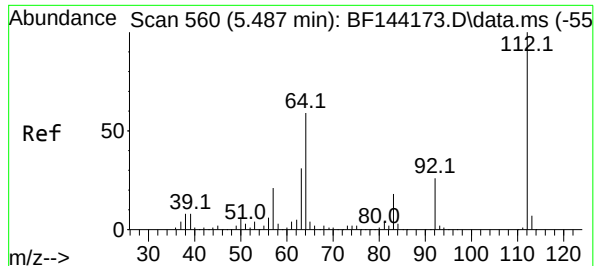
Tgt Ion	Ratio	Lower	Upper
79	100		
52	80.6	64.5	96.7
51	39.6	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 40.269 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.3	88.2	132.4
44	7.1	5.7	8.5

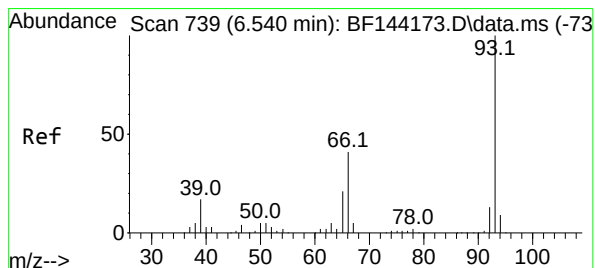
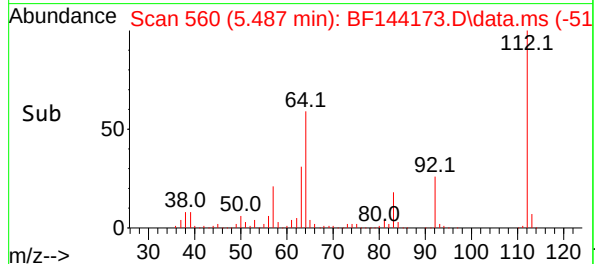
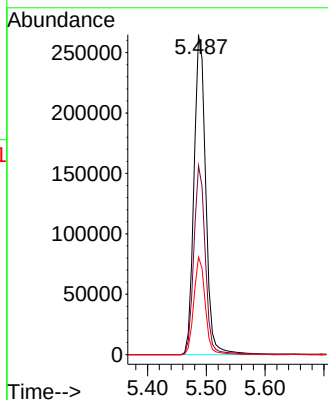
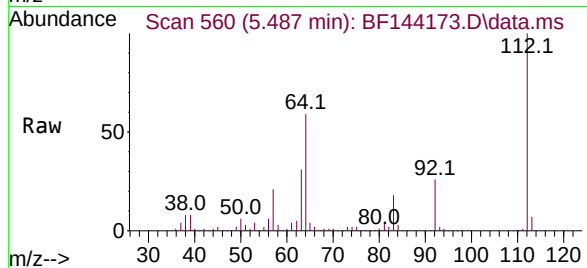




#5
2-Fluorophenol
Concen: 82.322 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

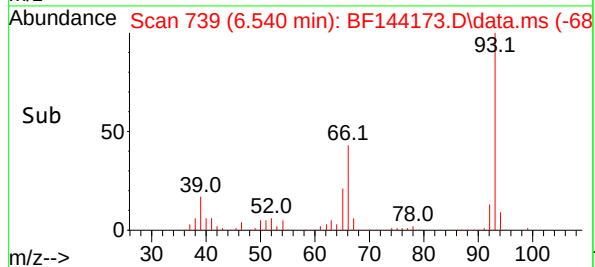
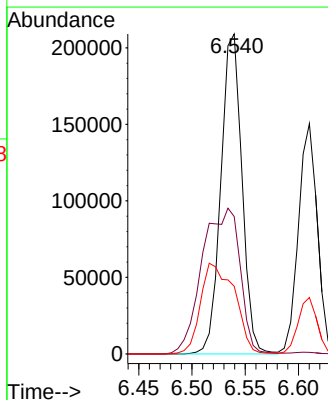
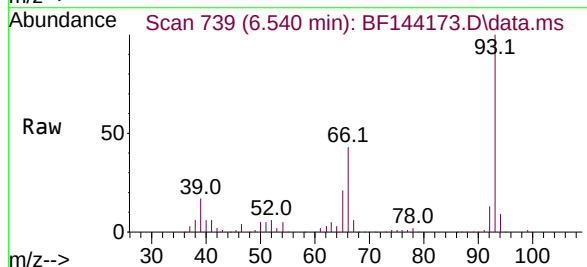
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

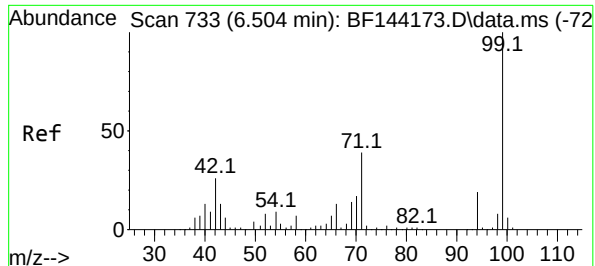
Tgt Ion:112 Resp: 367722
Ion Ratio Lower Upper
112 100
64 59.0 47.2 70.8
63 30.5 24.4 36.6



#6
Aniline
Concen: 40.064 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 93 Resp: 288906
Ion Ratio Lower Upper
93 100
66 42.9 34.3 51.5
65 21.1 16.9 25.3

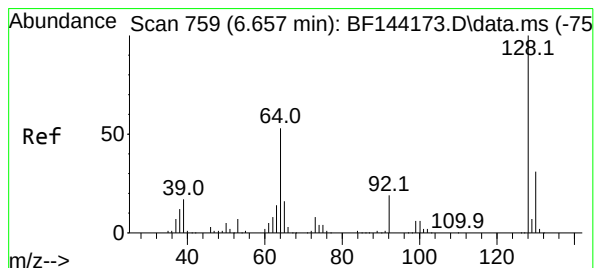
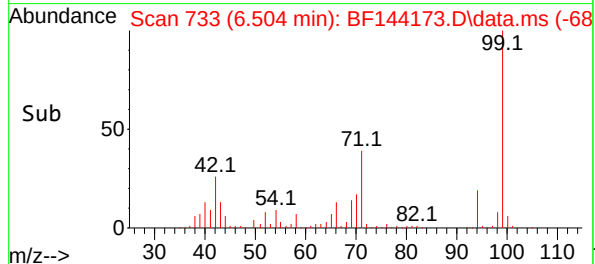
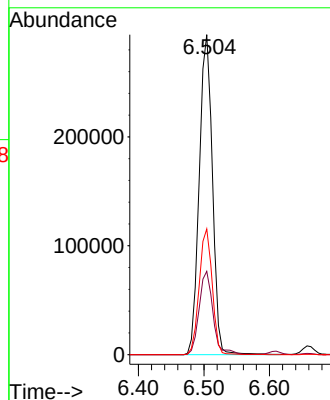
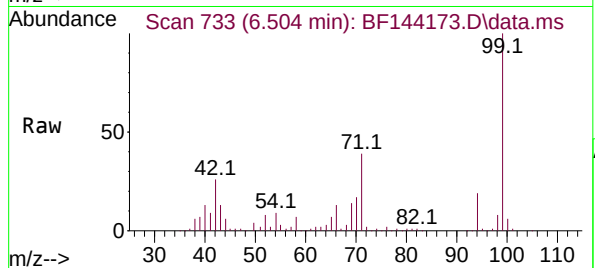




#7
Phenol-d6
Concen: 80.678 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

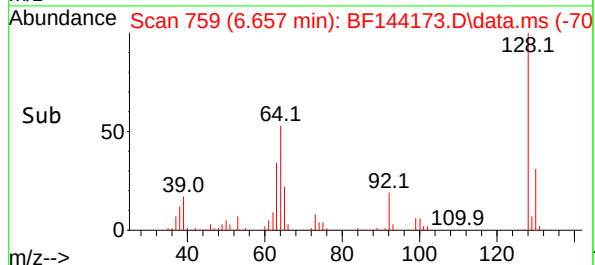
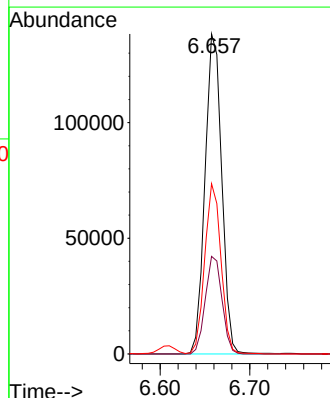
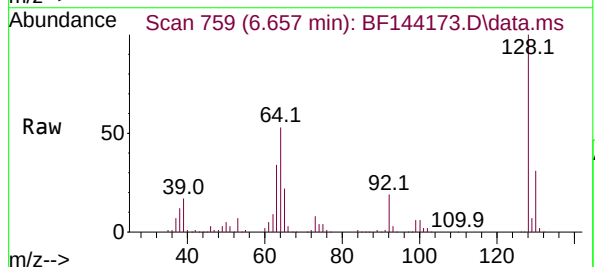
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

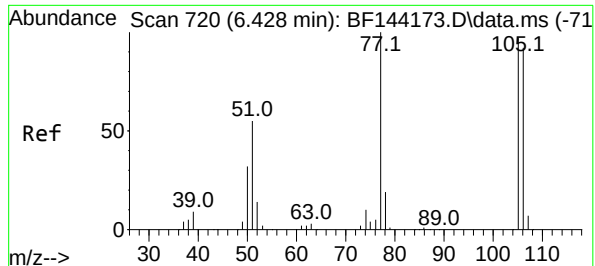
Tgt Ion: 99 Resp: 408339
Ion Ratio Lower Upper
99 100
42 26.1 20.9 31.3
71 39.3 31.4 47.2



#8
2-Chlorophenol
Concen: 40.879 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 128 Resp: 179075
Ion Ratio Lower Upper
128 100
130 30.5 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 39.909 ng

RT: 6.428 min Scan# 720

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

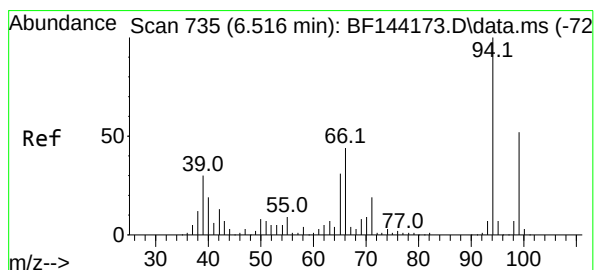
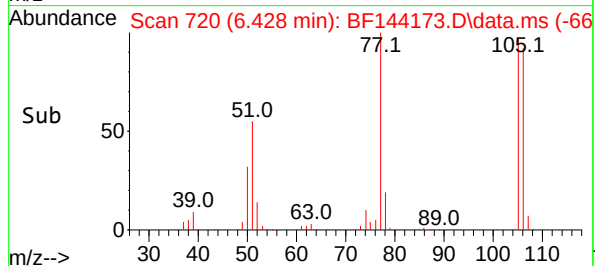
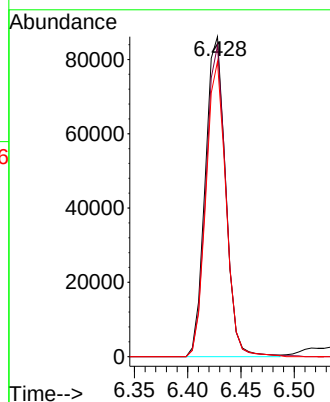
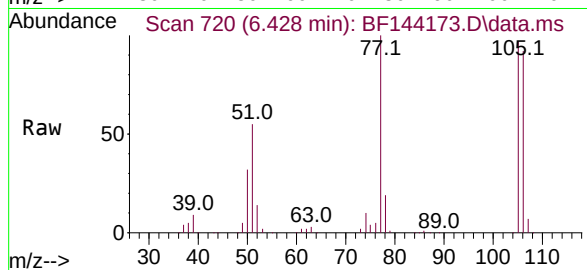
Tgt Ion: 77 Resp: 114062

Ion Ratio Lower Upper

77 100

105 97.2 77.2 117.2

106 92.2 72.2 112.2



#10

Phenol

Concen: 41.997 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

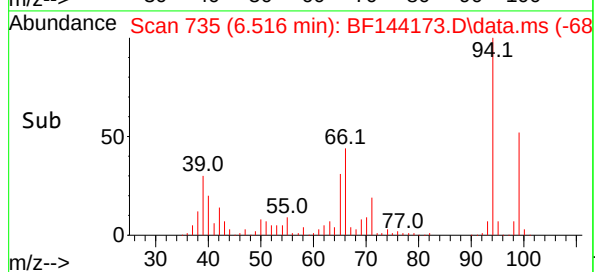
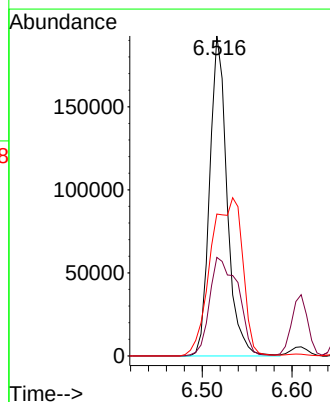
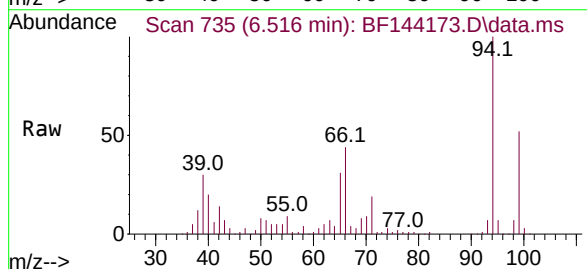
Tgt Ion: 94 Resp: 259703

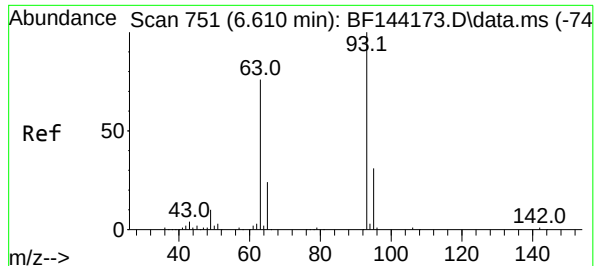
Ion Ratio Lower Upper

94 100

65 30.8 10.8 50.8

66 44.3 24.3 64.3

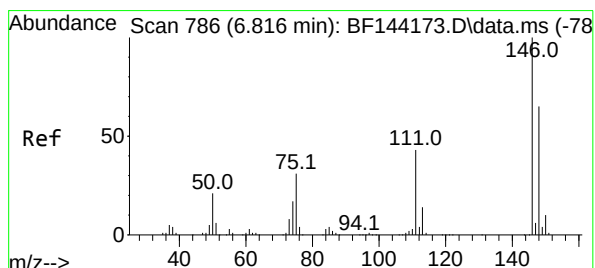
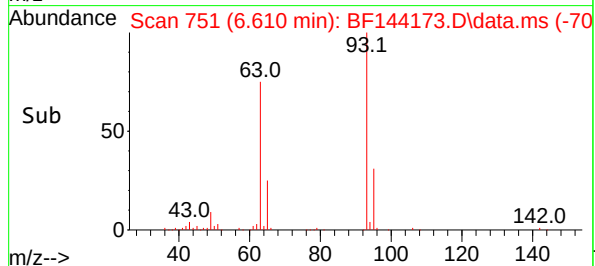
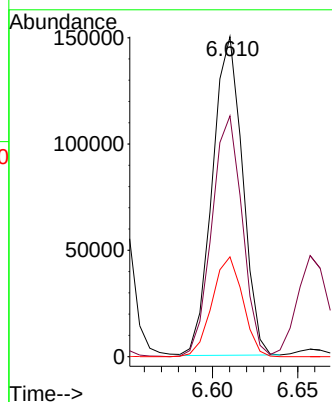
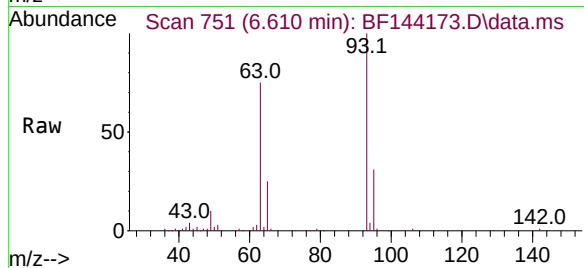




#11
bis(2-Chloroethyl)ether
Concen: 40.844 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

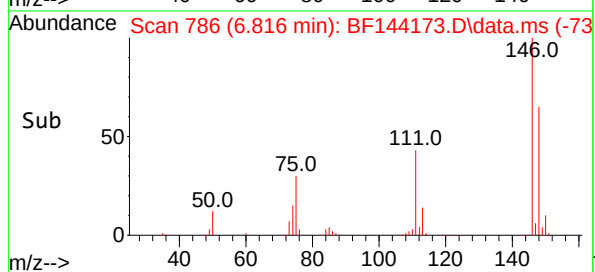
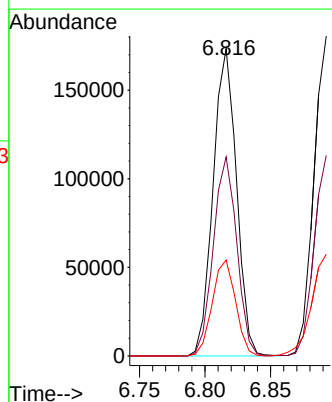
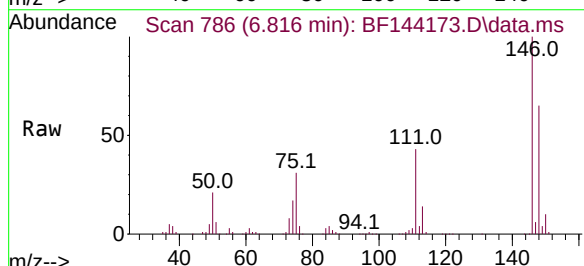
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

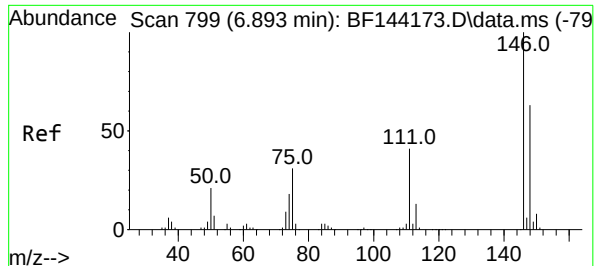
Tgt Ion: 93 Resp: 184041
Ion Ratio Lower Upper
93 100
63 75.2 55.2 95.2
95 31.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.861 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 146 Resp: 215469
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 31.2 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 41.084 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

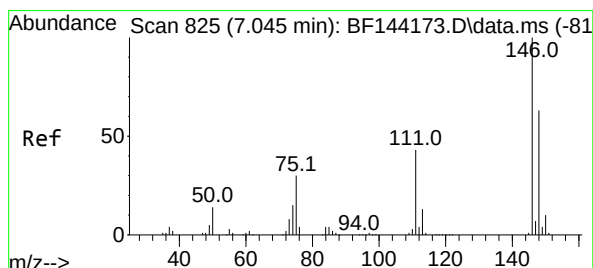
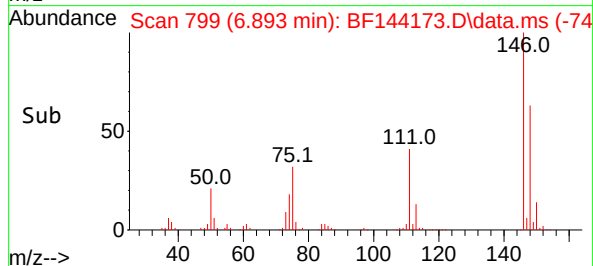
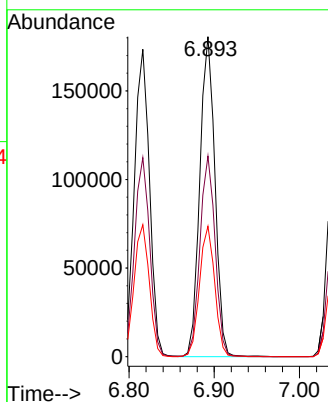
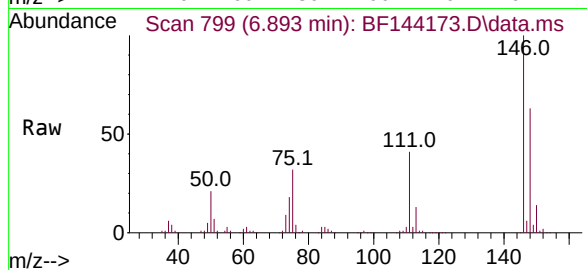
Tgt Ion:146 Resp: 222488

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

111 40.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 40.001 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

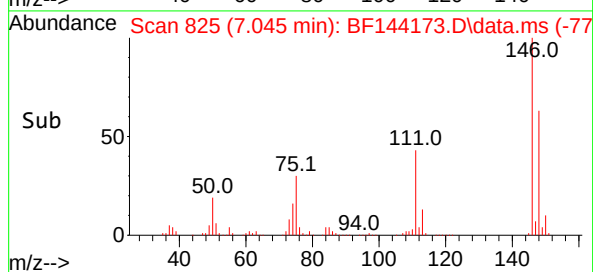
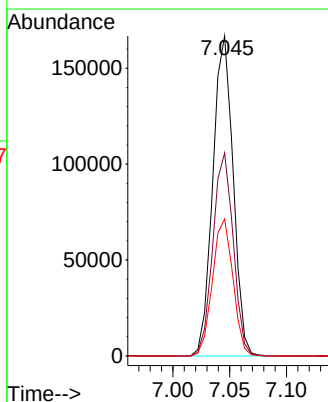
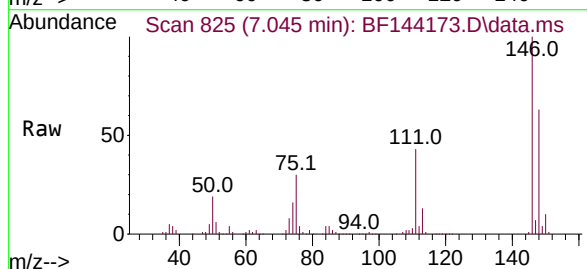
Tgt Ion:146 Resp: 207631

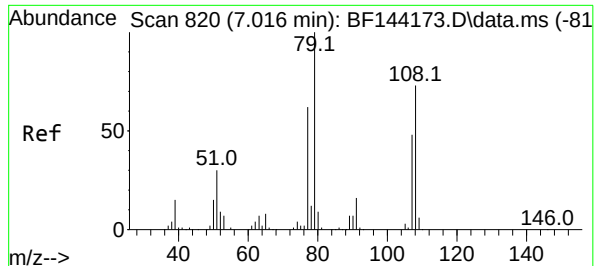
Ion Ratio Lower Upper

146 100

148 63.4 50.7 76.1

111 42.8 34.2 51.4

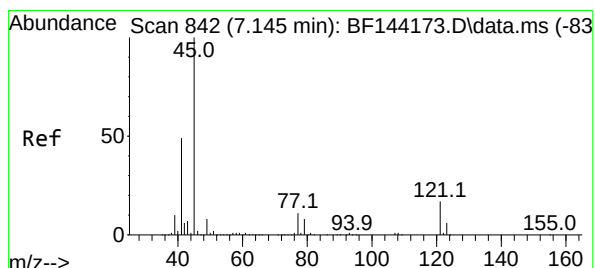
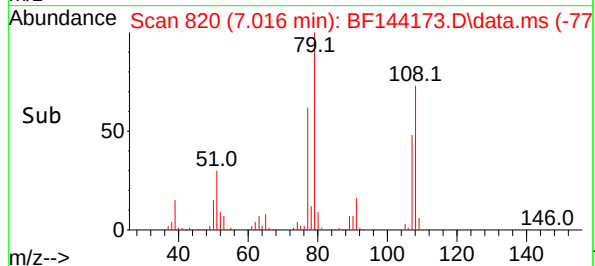
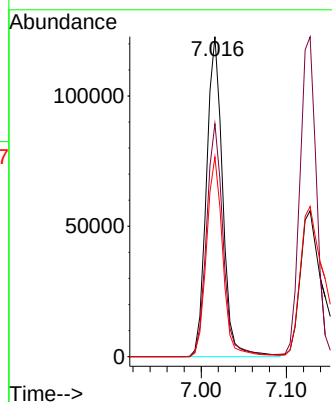
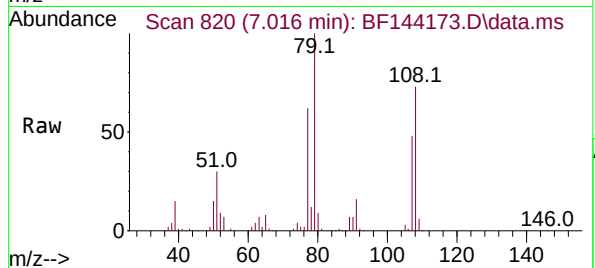




#15
Benzyl Alcohol
Concen: 40.501 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

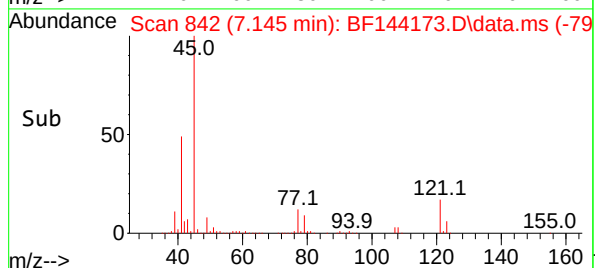
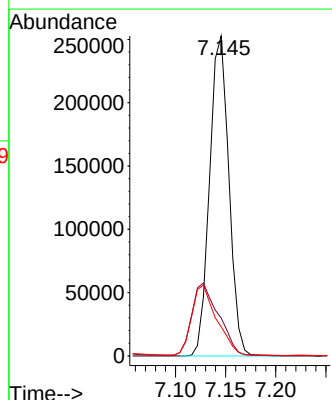
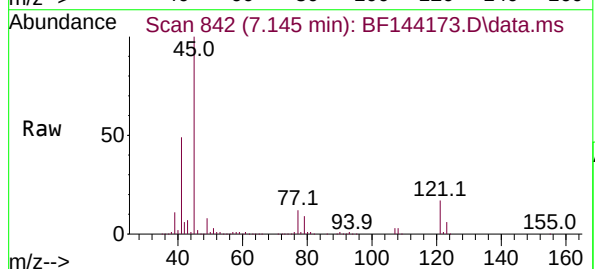
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

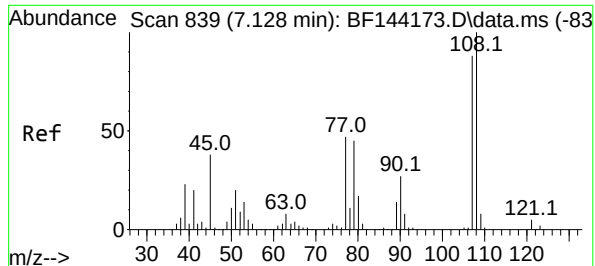
Tgt Ion: 79 Resp: 162316
Ion Ratio Lower Upper
79 100
108 72.8 58.2 87.4
77 62.4 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.743 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 45 Resp: 338078
Ion Ratio Lower Upper
45 100
77 11.8 0.0 31.8
79 9.1 0.0 29.1

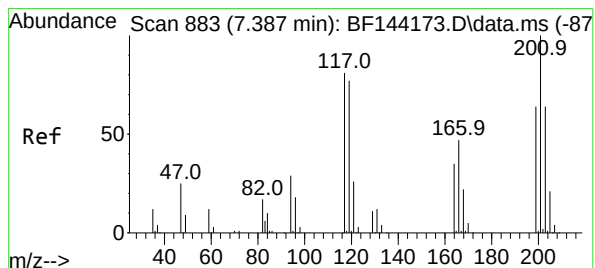
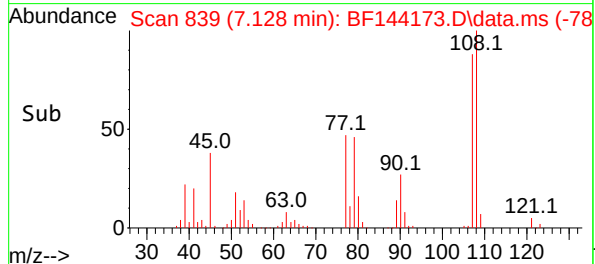
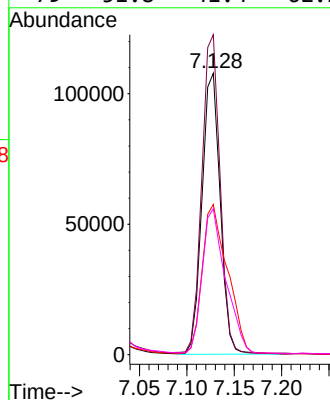
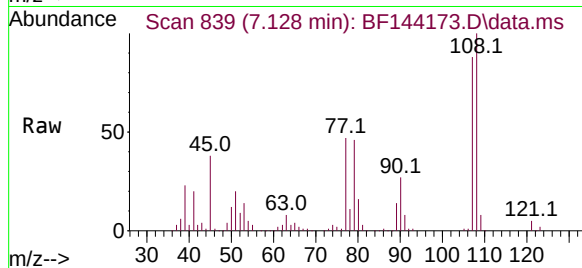




#17
2-Methylphenol
Concen: 41.431 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

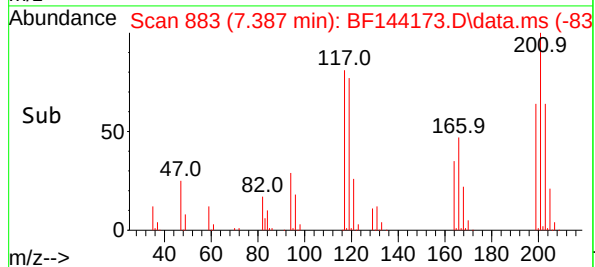
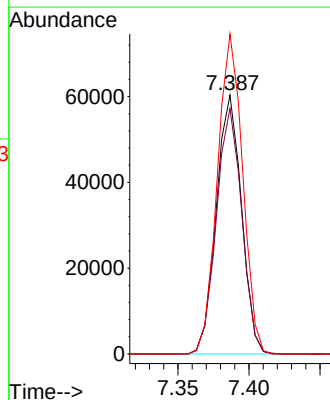
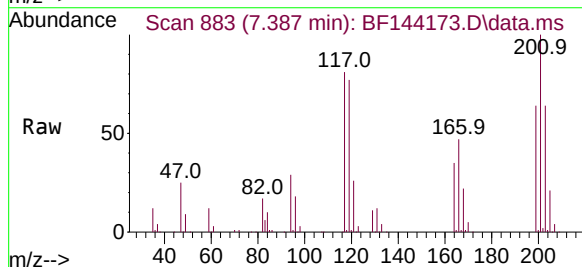
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

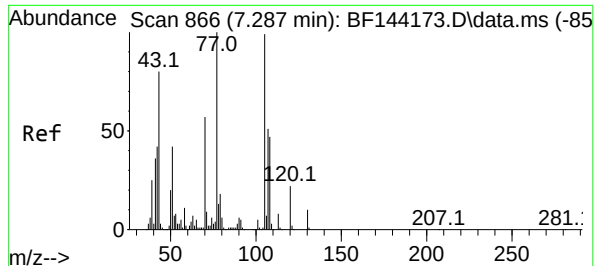
Tgt Ion:	107	Resp:	144386
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	53.4	42.7	64.1
79	51.8	41.4	62.2



#18
Hexachloroethane
Concen: 41.339 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:	117	Resp:	74377
Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.8	113.8
201	123.6	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 39.848 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 132769

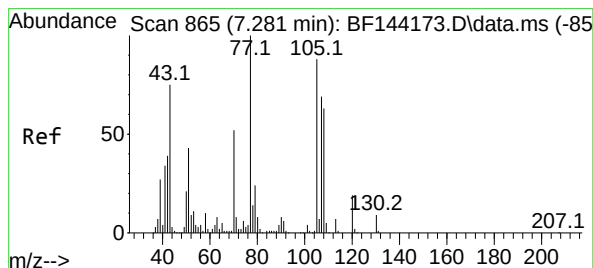
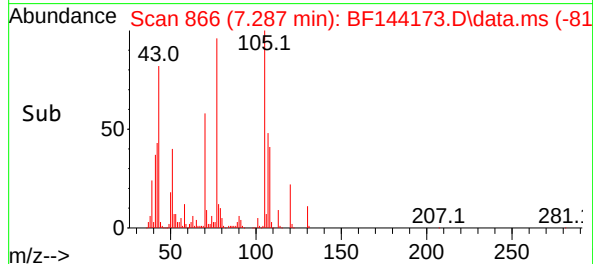
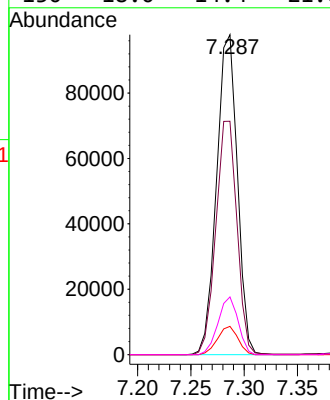
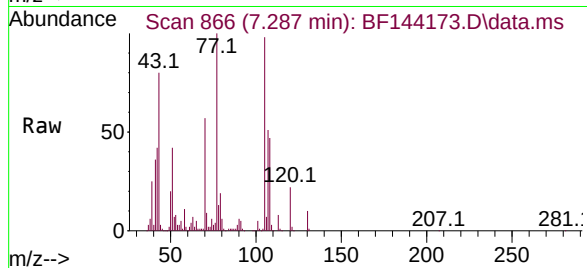
Ion Ratio Lower Upper

70 100

42 72.9 58.3 87.5

101 8.8 7.0 10.6

130 18.0 14.4 21.6



#20

3+4-Methylphenols

Concen: 41.361 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion: 107 Resp: 169917

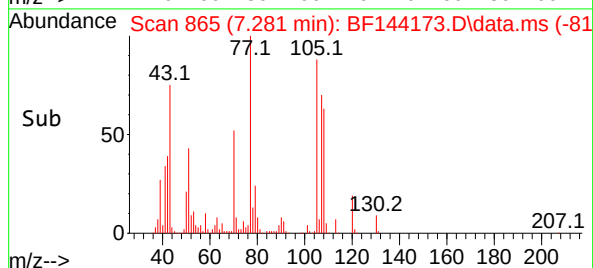
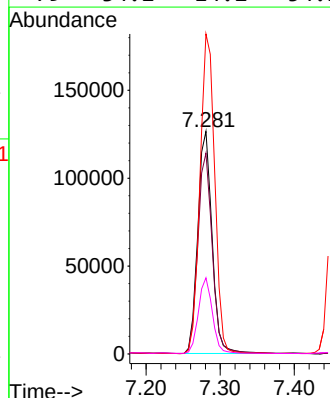
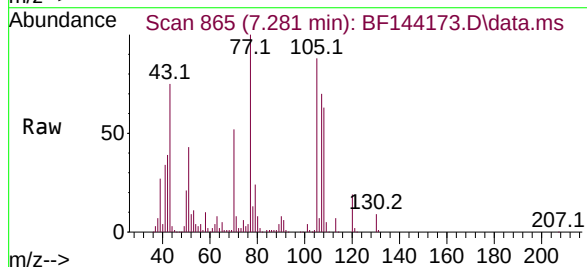
Ion Ratio Lower Upper

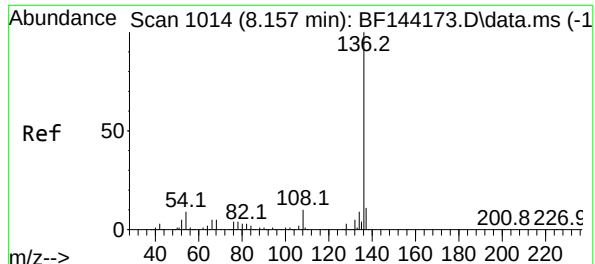
107 100

108 90.2 70.2 110.2

77 143.9 123.9 163.9

79 34.2 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:136 Resp: 262306

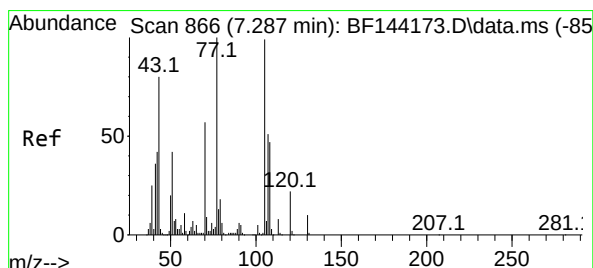
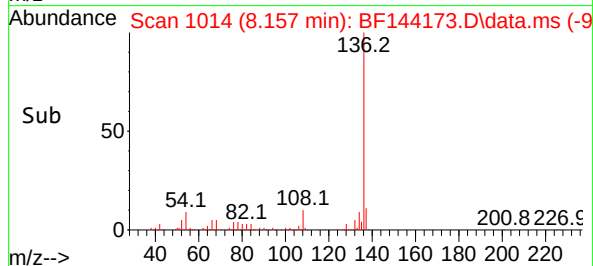
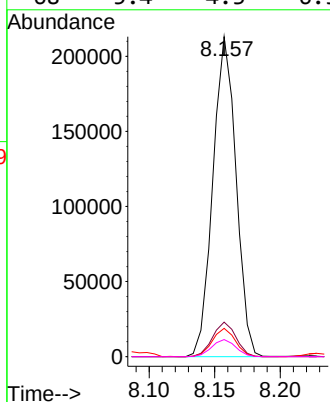
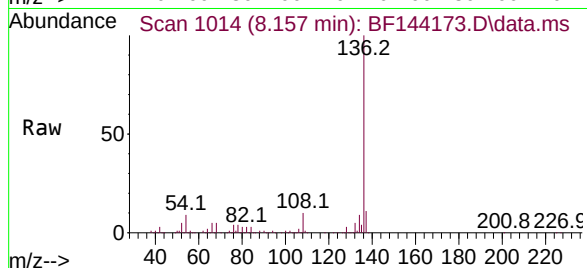
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.8 7.0 10.6

68 5.4 4.3 6.5



#22

Acetophenone

Concen: 40.452 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:105 Resp: 227627

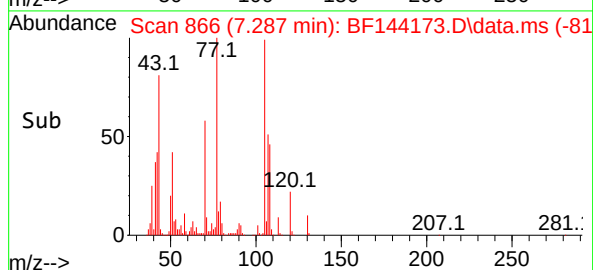
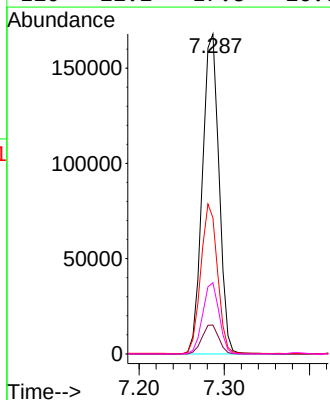
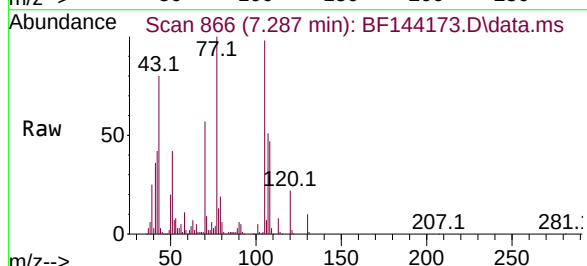
Ion Ratio Lower Upper

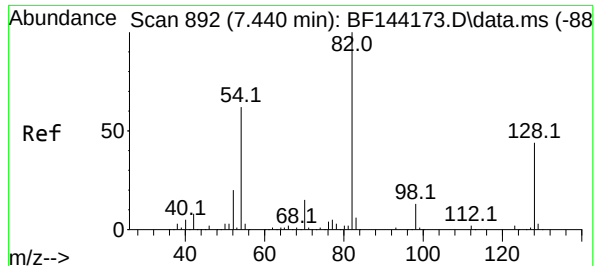
105 100

71 9.0 7.2 10.8

51 42.5 34.0 51.0

120 22.2 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.160 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

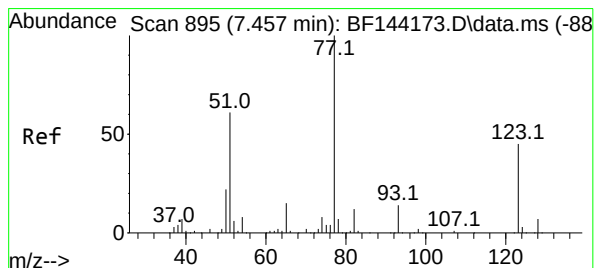
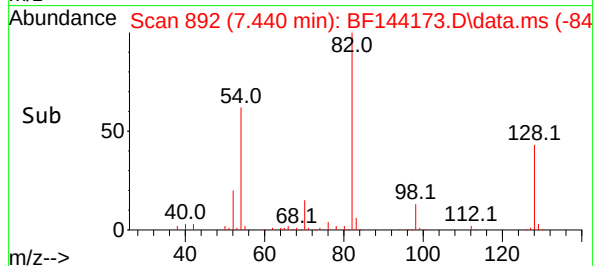
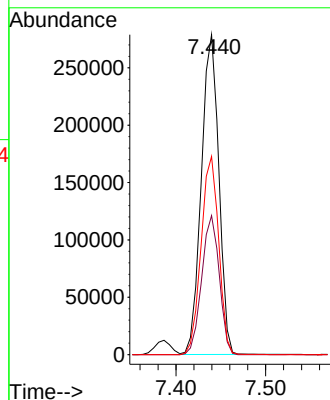
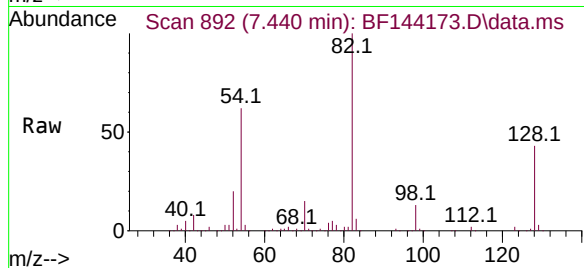
Tgt Ion: 82 Resp: 377687

Ion Ratio Lower Upper

82 100

128 43.4 34.7 52.1

54 61.9 49.5 74.3



#24

Nitrobenzene

Concen: 41.272 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

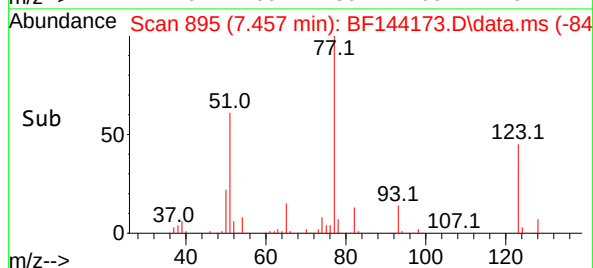
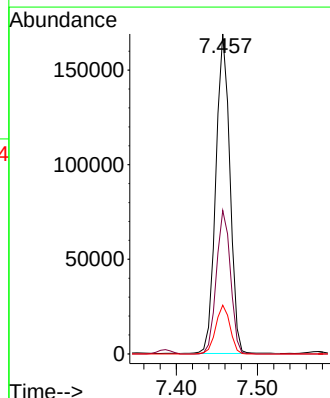
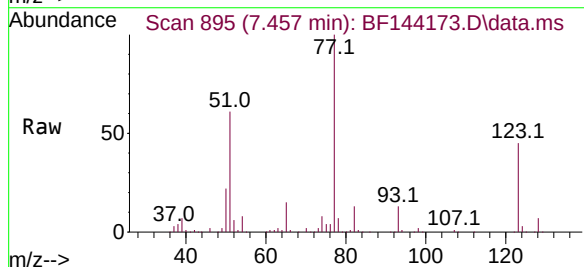
Tgt Ion: 77 Resp: 203520

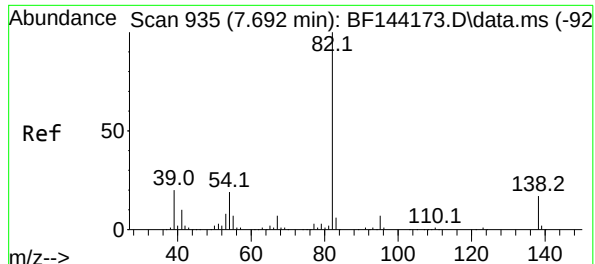
Ion Ratio Lower Upper

77 100

123 44.8 35.8 53.8

65 15.2 12.2 18.2





#25

Isophorone

Concen: 41.082 ng

RT: 7.692 min Scan# 935

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

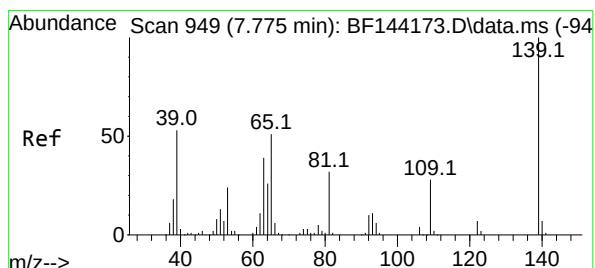
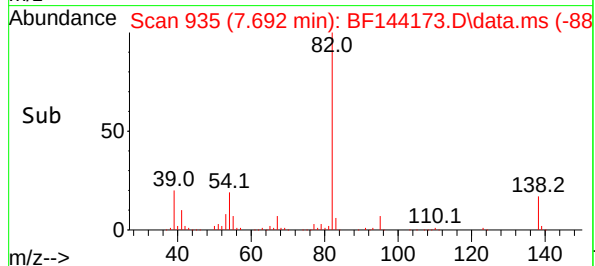
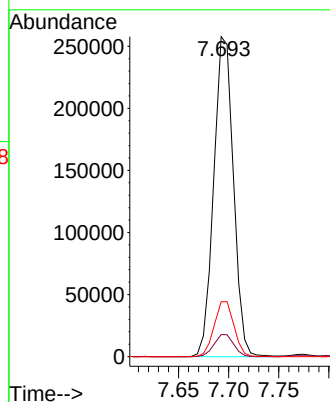
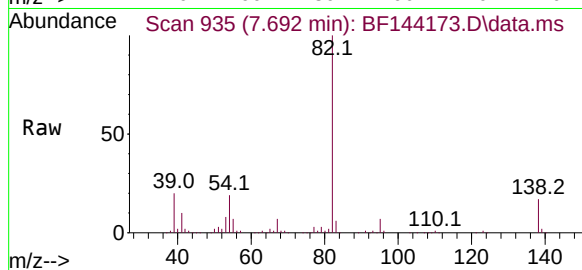
Tgt Ion: 82 Resp: 352919

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

138 17.1 13.7 20.5



#26

2-Nitrophenol

Concen: 42.269 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

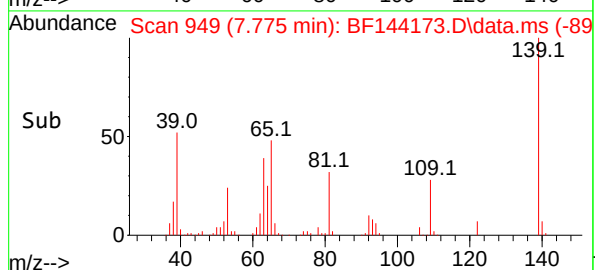
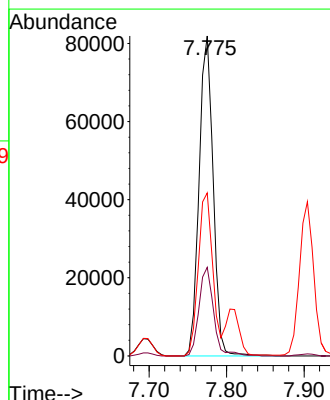
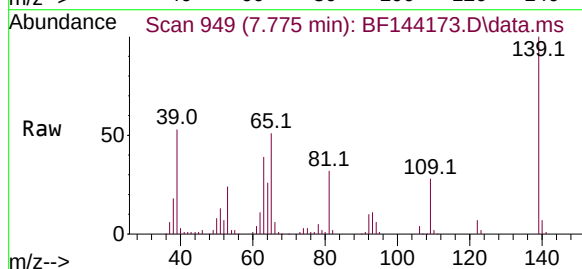
Tgt Ion:139 Resp: 103181

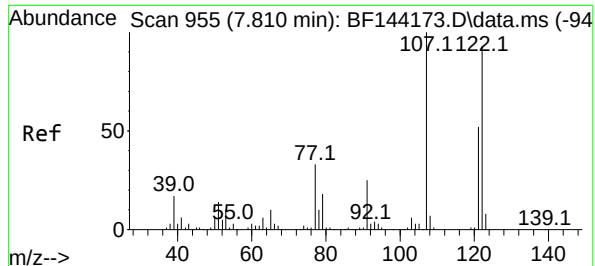
Ion Ratio Lower Upper

139 100

109 27.7 22.2 33.2

65 50.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 42.784 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

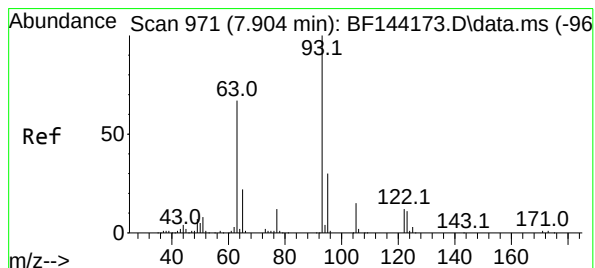
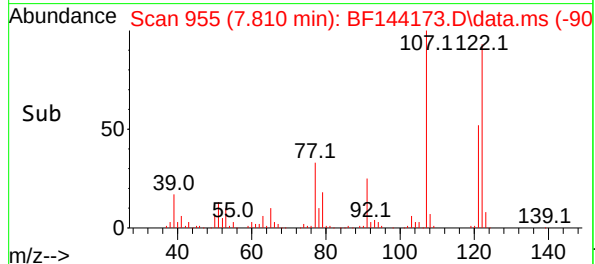
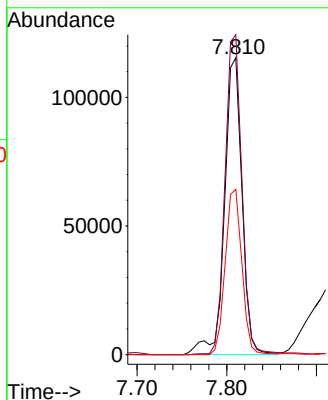
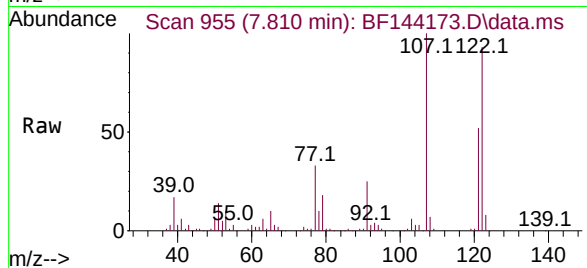
Tgt Ion:122 Resp: 156535

Ion Ratio Lower Upper

122 100

107 107.8 86.2 129.4

121 55.7 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.364 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

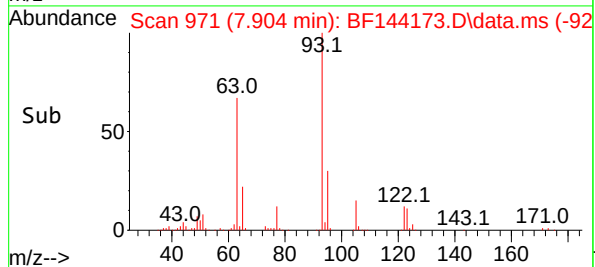
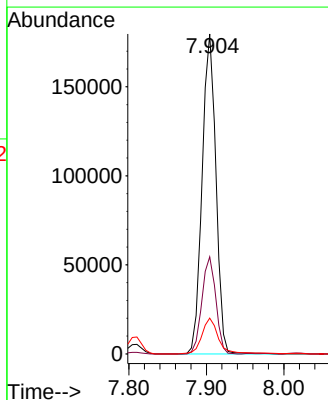
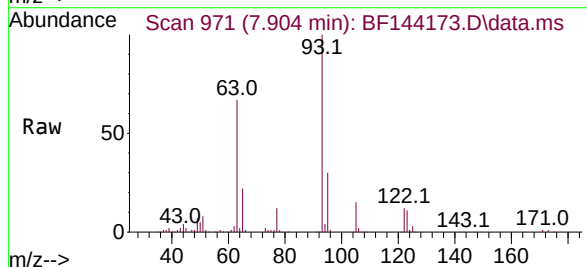
Tgt Ion: 93 Resp: 221900

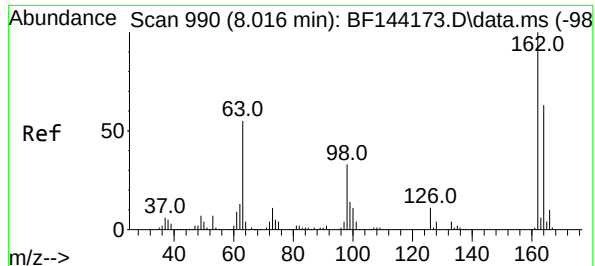
Ion Ratio Lower Upper

93 100

95 30.3 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.210 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

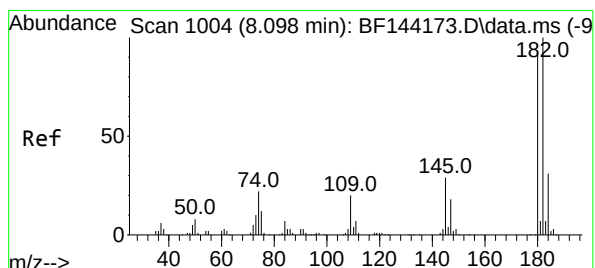
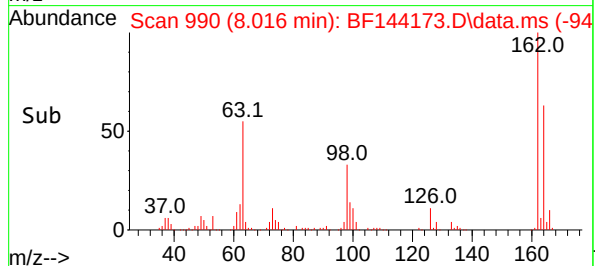
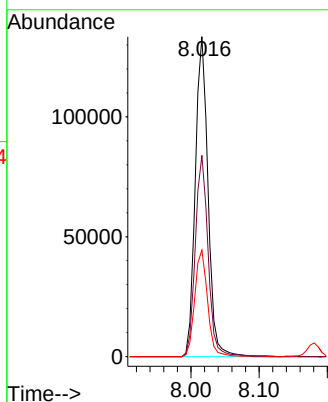
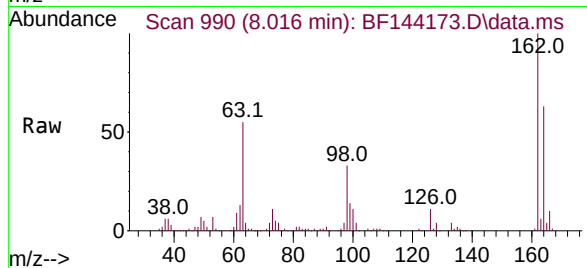
Tgt Ion:162 Resp: 173779

Ion Ratio Lower Upper

162 100

164 62.9 42.9 82.9

98 33.3 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 40.825 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

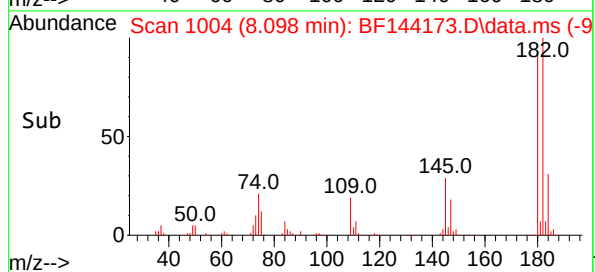
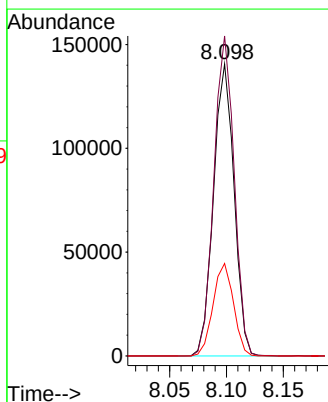
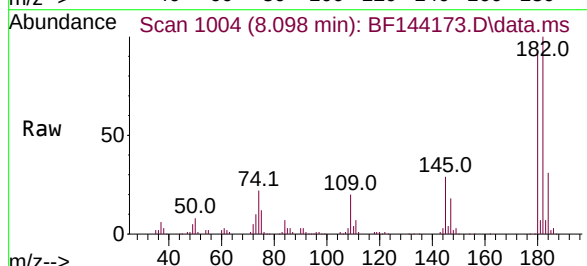
Tgt Ion:180 Resp: 176777

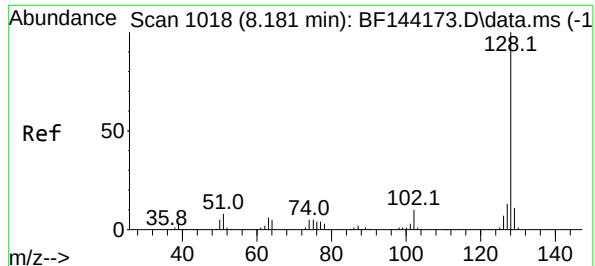
Ion Ratio Lower Upper

180 100

182 109.6 87.7 131.5

145 31.7 25.4 38.0

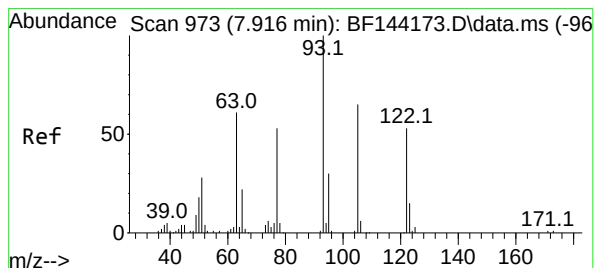
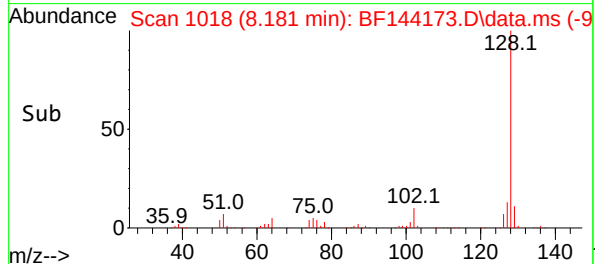
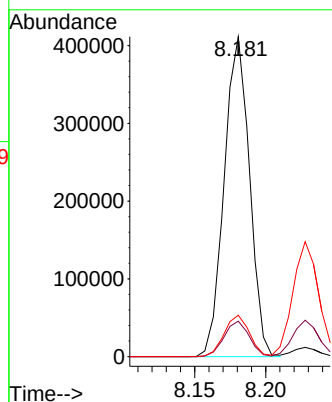
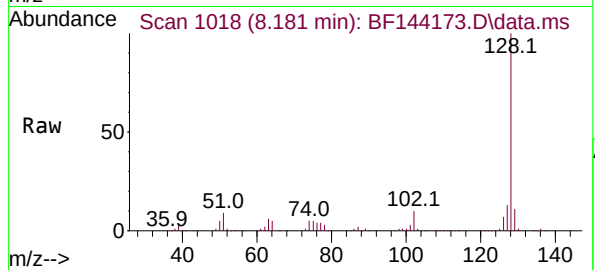




#31
Naphthalene
Concen: 40.755 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

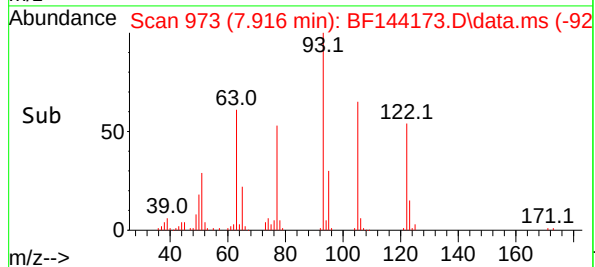
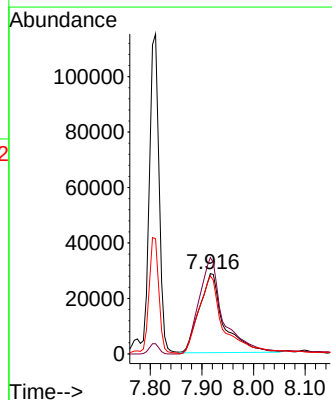
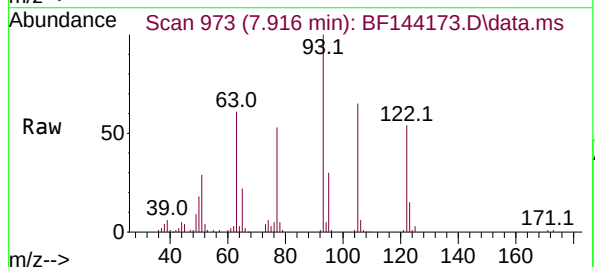
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

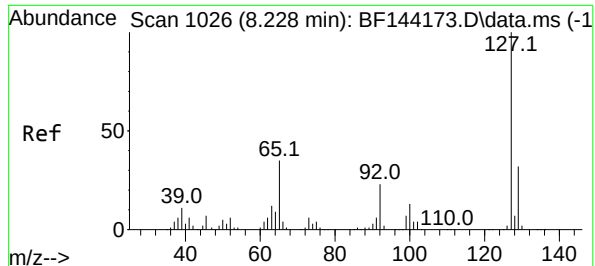
Tgt Ion:128 Resp: 508521
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 35.128 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:122 Resp: 94209
Ion Ratio Lower Upper
122 100
105 119.9 99.9 139.9
77 97.5 77.5 117.5





#33

4-Chloroaniline

Concen: 41.763 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 190054

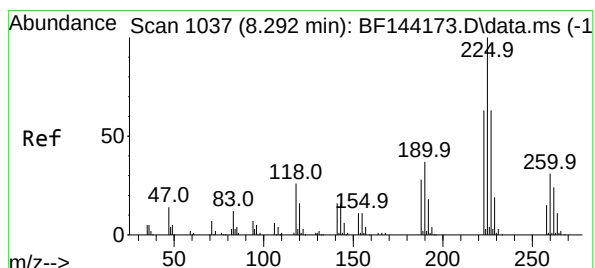
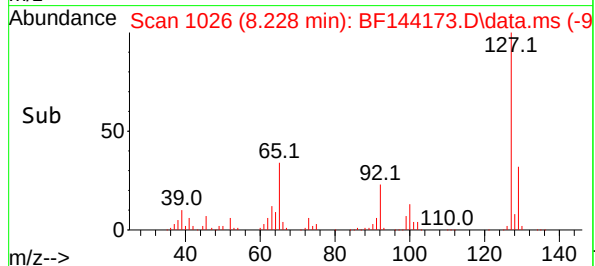
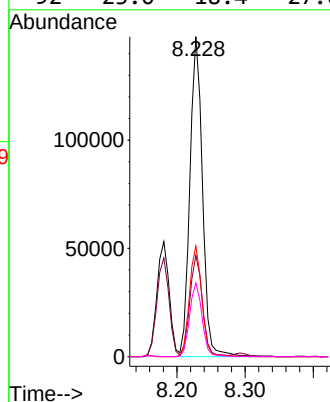
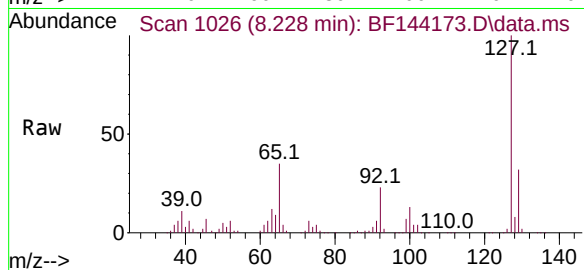
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 34.5 27.6 41.4

92 23.0 18.4 27.6



#34

Hexachlorobutadiene

Concen: 41.671 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

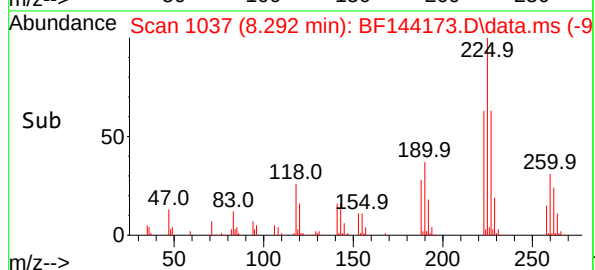
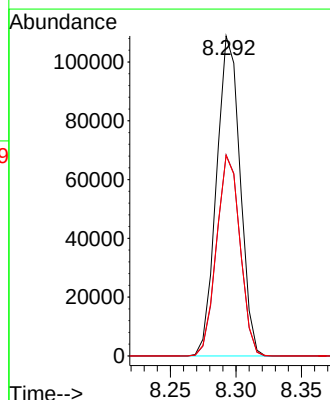
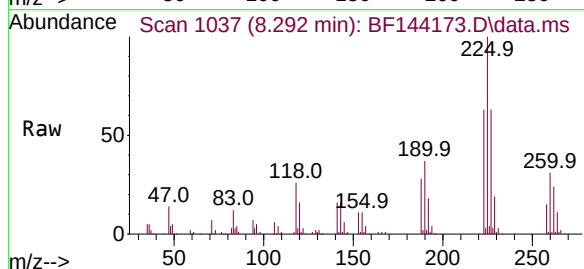
Tgt Ion:225 Resp: 135990

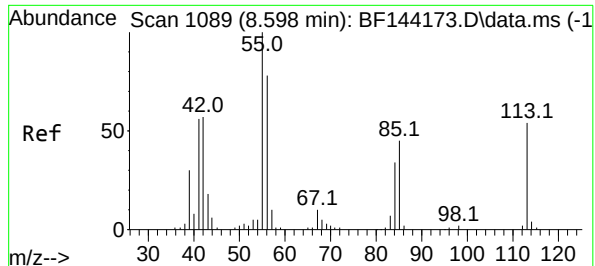
Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.4

227 62.6 50.1 75.1

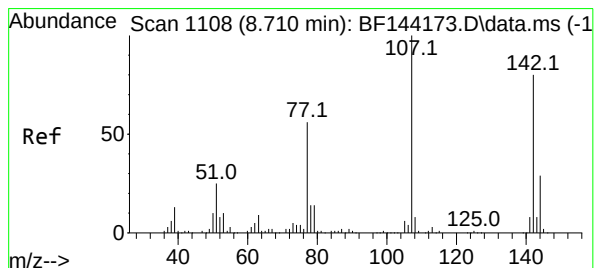
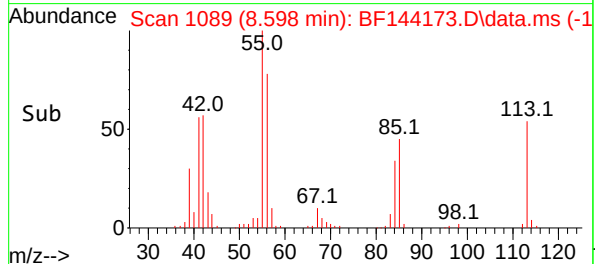
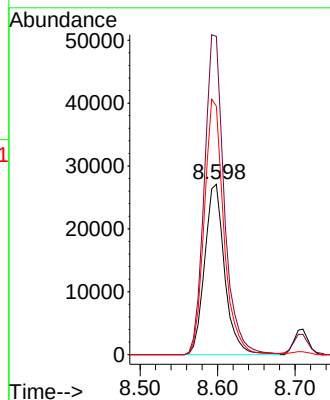
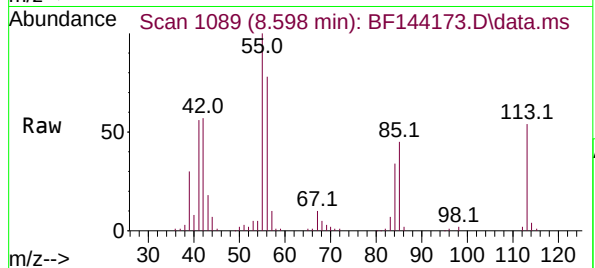




#35
Caprolactam
Concen: 41.945 ng
RT: 8.598 min Scan# 1089
Delta R.T. -0.023 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

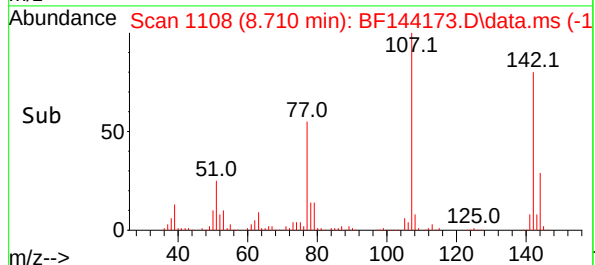
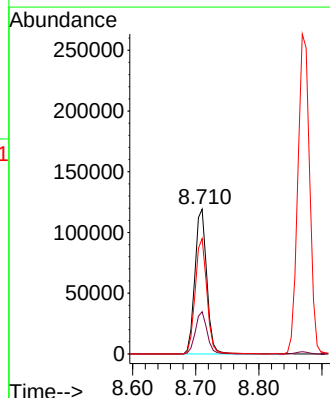
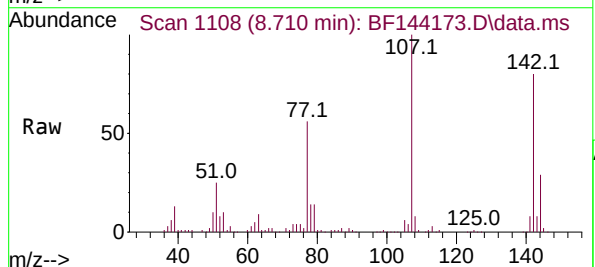
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

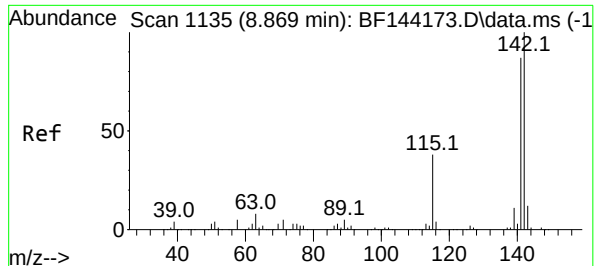
Tgt Ion:113 Resp: 48459
Ion Ratio Lower Upper
113 100
55 186.8 166.8 206.8
56 145.9 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 41.237 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:107 Resp: 155844
Ion Ratio Lower Upper
107 100
144 29.1 23.3 34.9
142 79.7 63.8 95.6





#37

2-Methylnaphthalene

Concen: 40.712 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

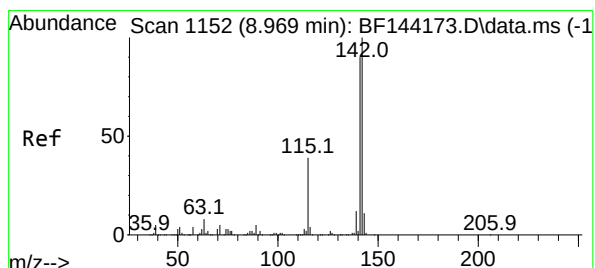
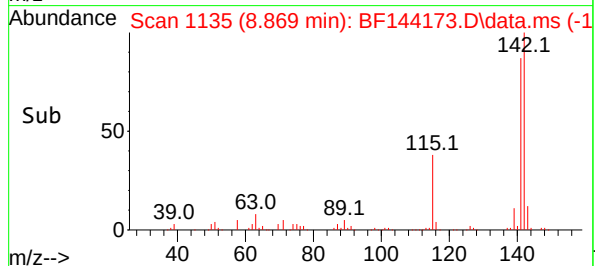
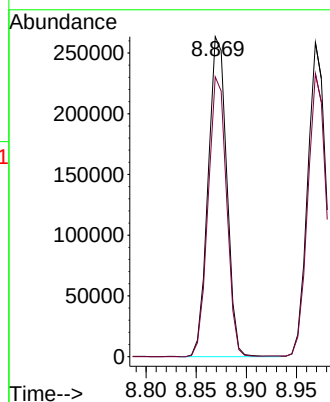
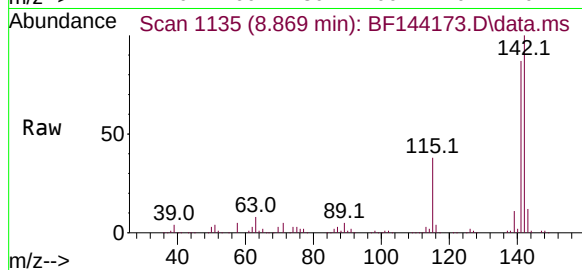
SSTDICCC040

Tgt Ion:142 Resp: 339639

Ion Ratio Lower Upper

142 100

141 87.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 40.435 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144173.D

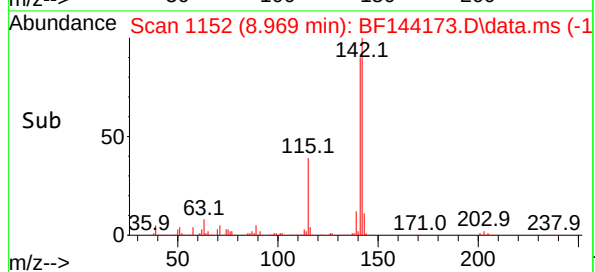
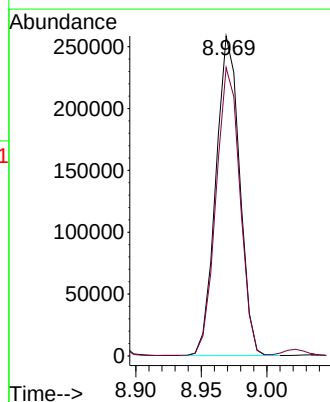
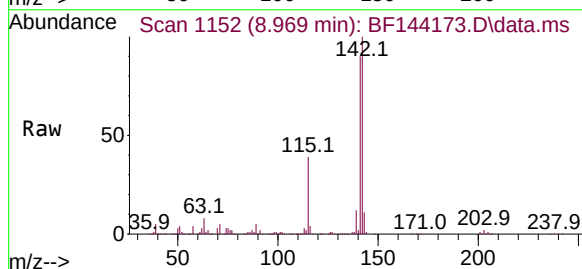
Acq: 05 Nov 2025 14:50

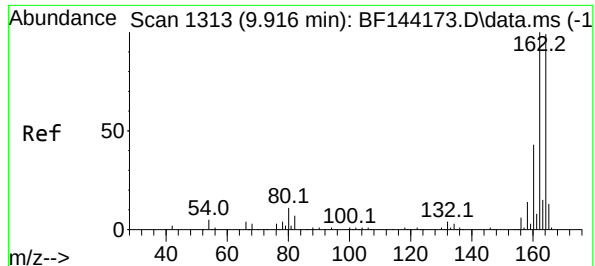
Tgt Ion:142 Resp: 325483

Ion Ratio Lower Upper

142 100

141 90.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

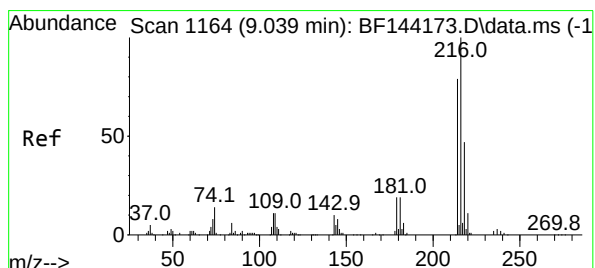
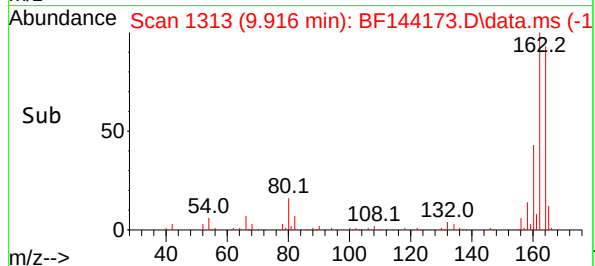
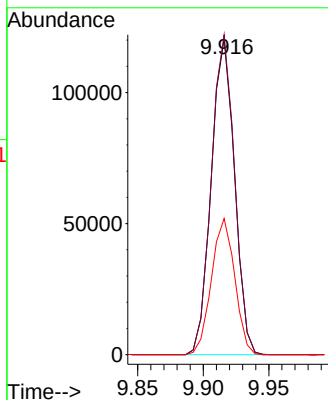
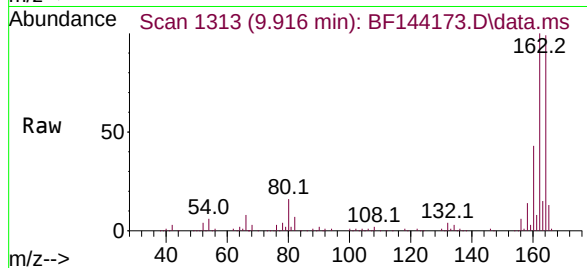
Tgt Ion:164 Resp: 148823

Ion Ratio Lower Upper

164 100

162 101.4 81.1 121.7

160 43.1 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.210 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:216 Resp: 200998

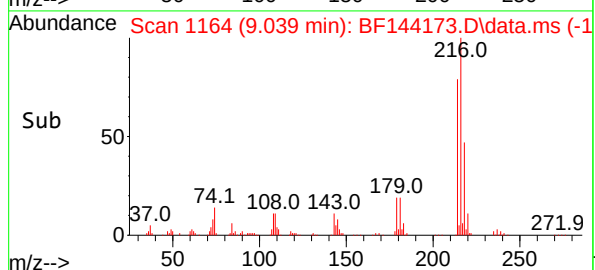
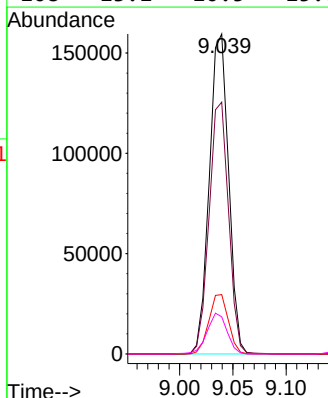
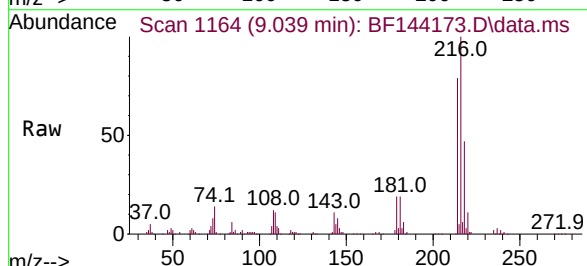
Ion Ratio Lower Upper

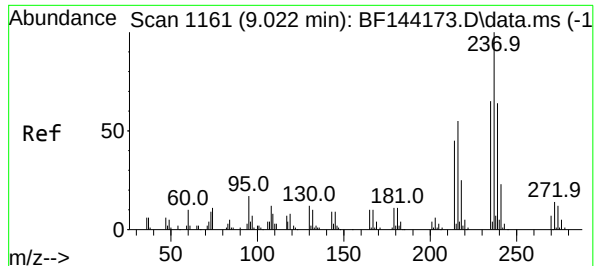
216 100

214 79.3 63.4 95.2

179 18.7 15.0 22.4

108 13.1 10.5 15.7

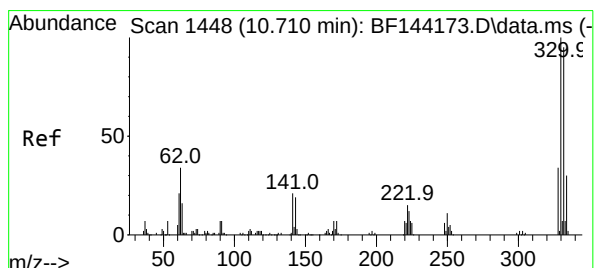
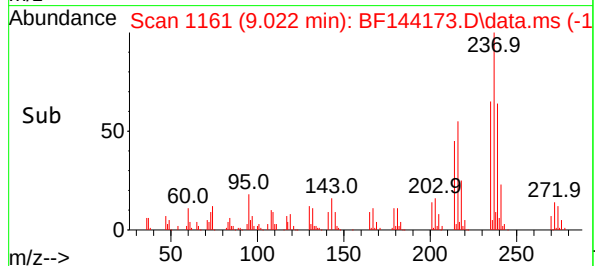
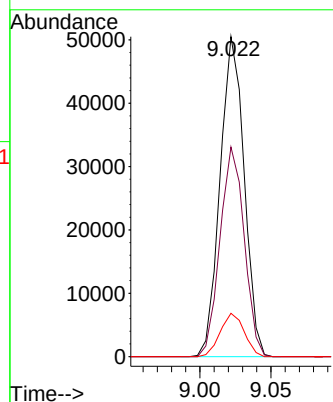
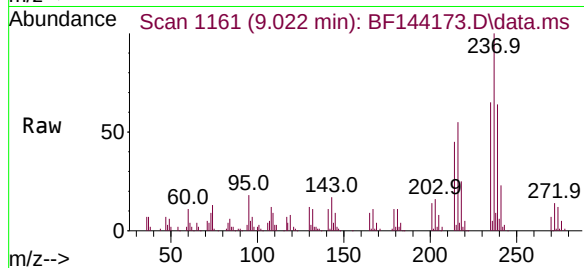




#41
Hexachlorocyclopentadiene
Concen: 39.991 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

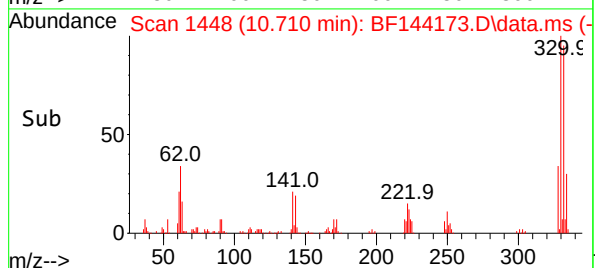
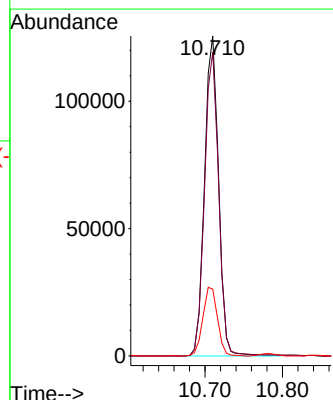
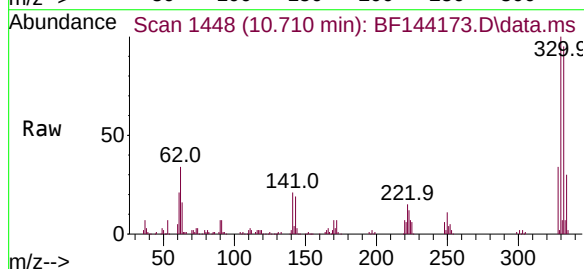
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

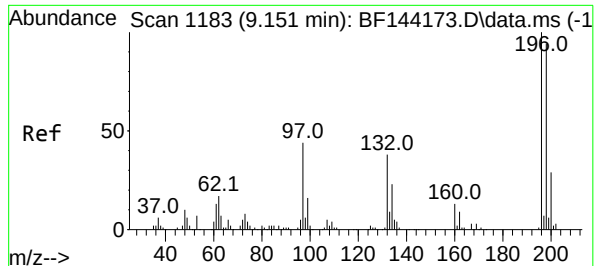
Tgt Ion:237 Resp: 59520
Ion Ratio Lower Upper
237 100
235 65.5 45.5 85.5
272 13.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 84.493 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:330 Resp: 157795
Ion Ratio Lower Upper
330 100
332 95.9 76.7 115.1
141 22.3 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.875 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

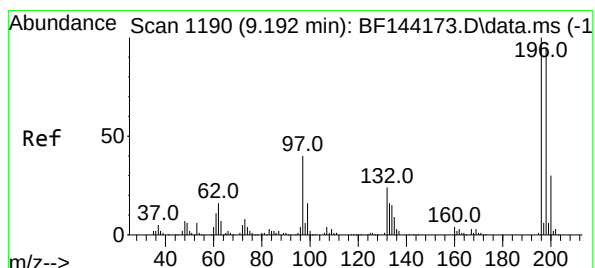
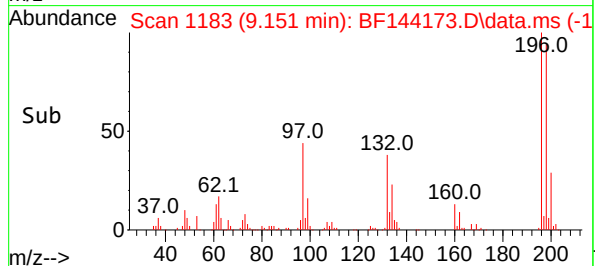
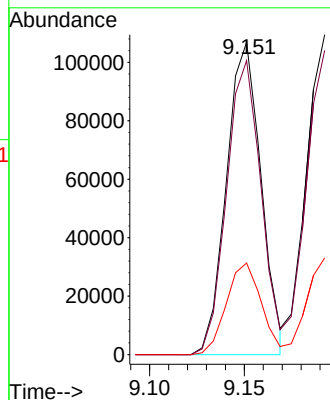
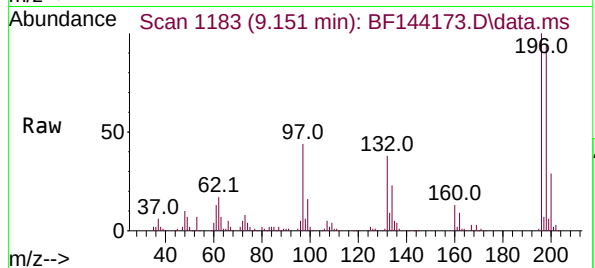
Tgt Ion:196 Resp: 135691

Ion Ratio Lower Upper

196 100

198 94.1 75.3 112.9

200 29.3 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 40.641 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Tgt Ion:196 Resp: 145405

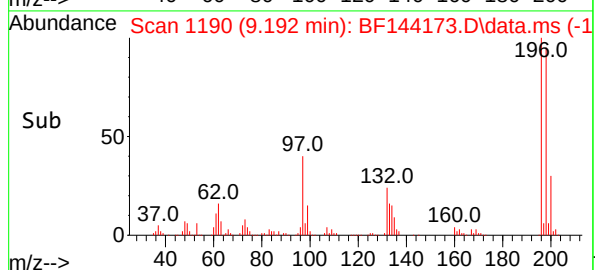
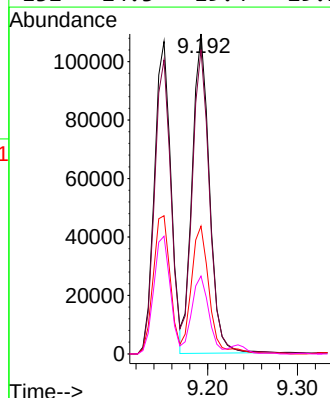
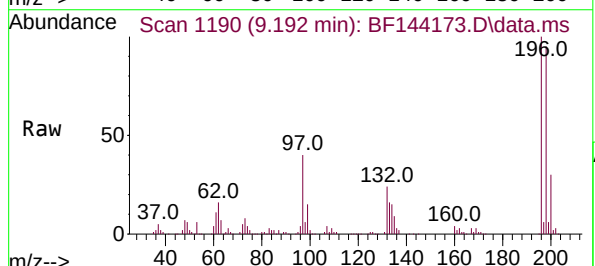
Ion Ratio Lower Upper

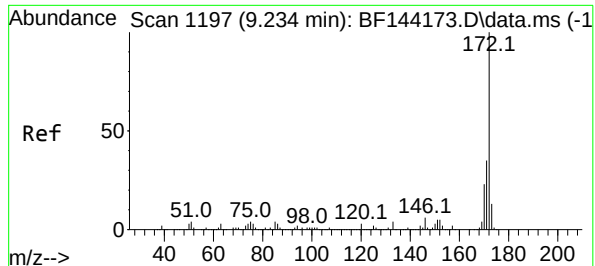
196 100

198 95.1 76.1 114.1

97 39.9 31.9 47.9

132 24.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 79.737 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

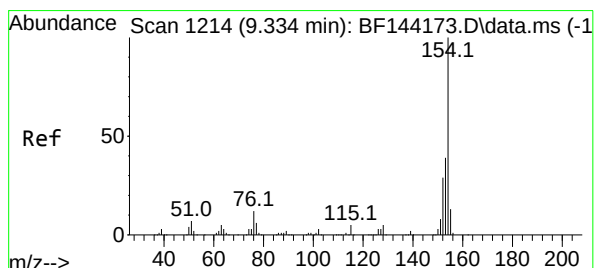
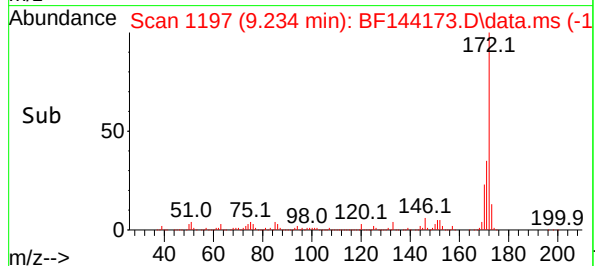
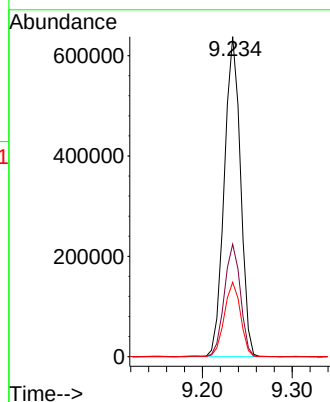
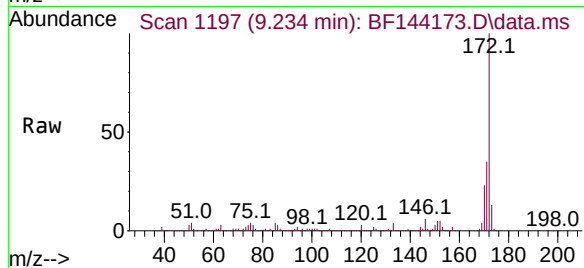
Tgt Ion:172 Resp: 803464

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 40.345 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

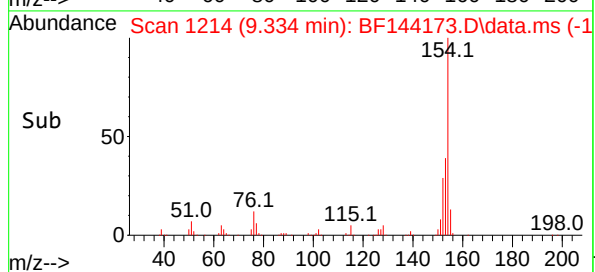
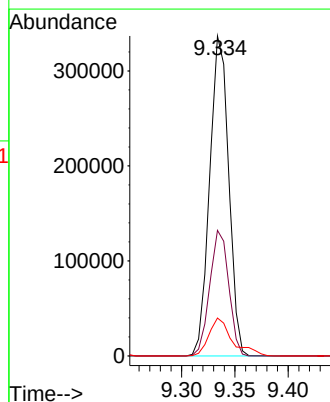
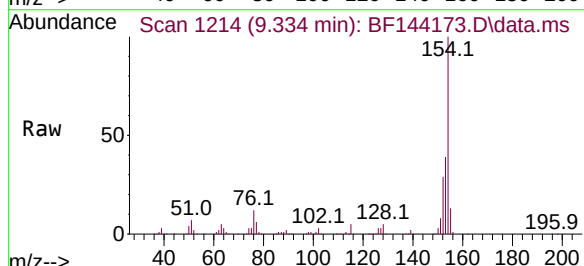
Tgt Ion:154 Resp: 419119

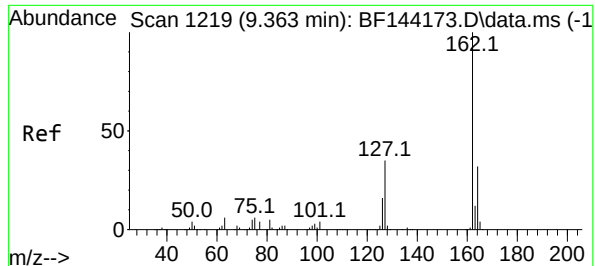
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

76 11.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.458 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

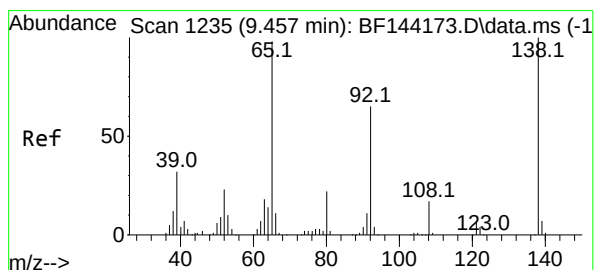
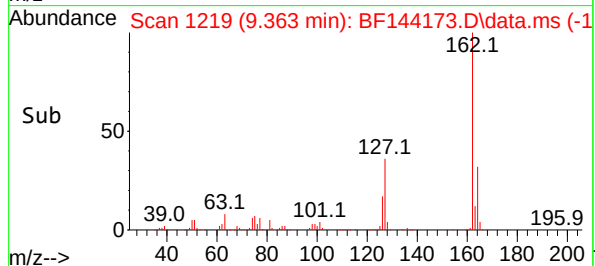
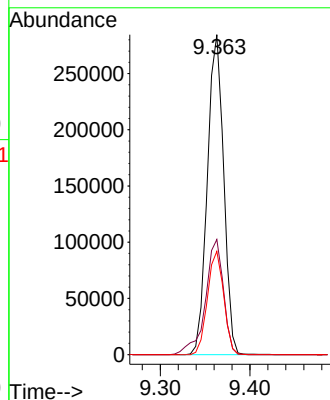
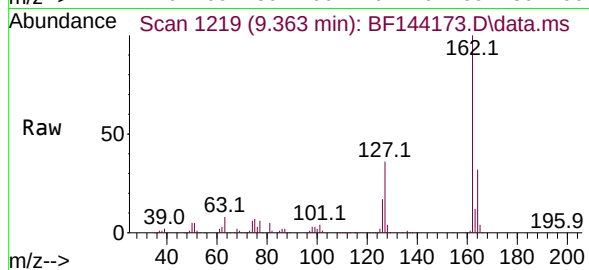
Tgt Ion:162 Resp: 358514

Ion Ratio Lower Upper

162 100

127 36.0 28.8 43.2

164 32.3 25.8 38.8



#48

2-Nitroaniline

Concen: 42.059 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

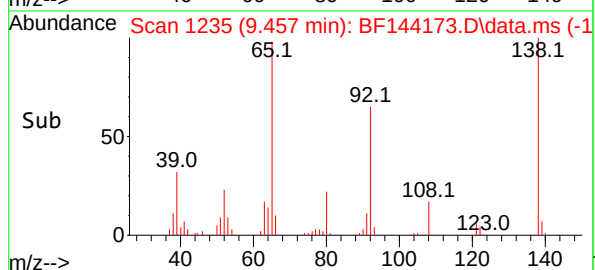
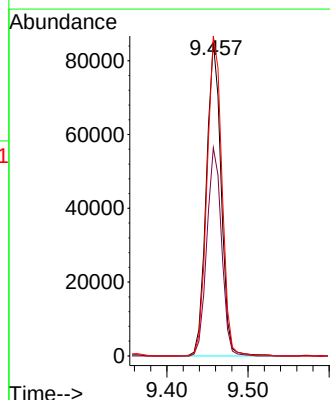
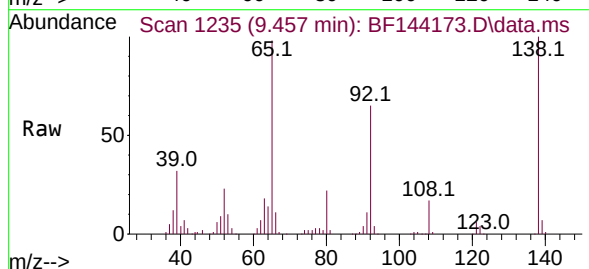
Tgt Ion: 65 Resp: 107536

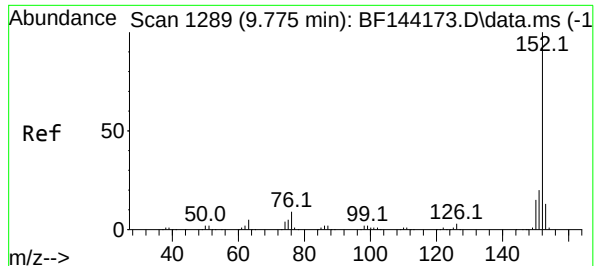
Ion Ratio Lower Upper

65 100

92 66.3 53.0 79.6

138 102.0 81.6 122.4





#49

Acenaphthylene

Concen: 40.553 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

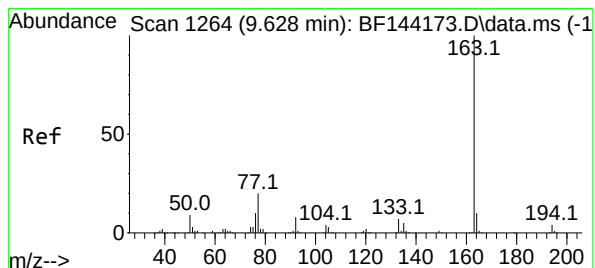
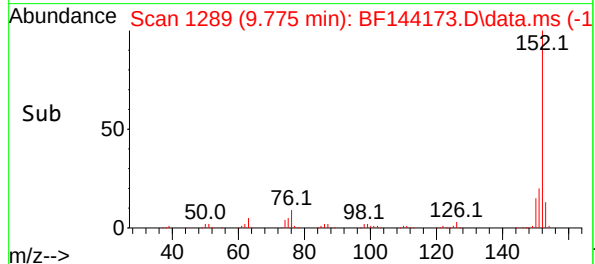
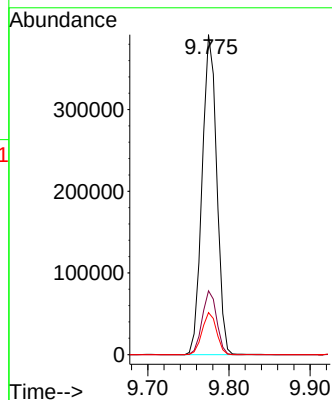
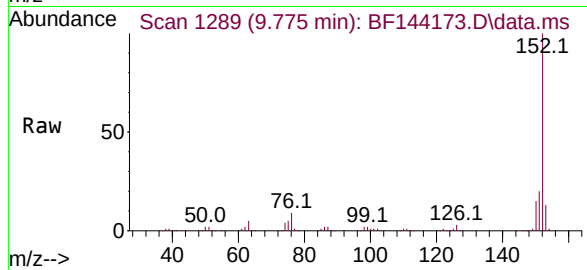
Tgt Ion:152 Resp: 489708

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 40.620 ng

RT: 9.628 min Scan# 1264

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

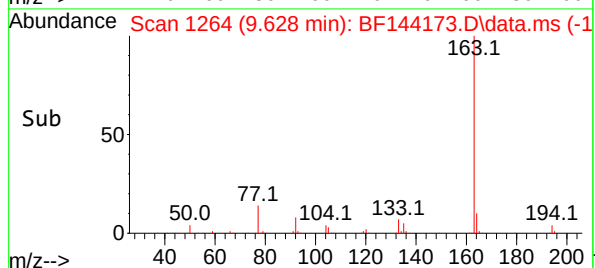
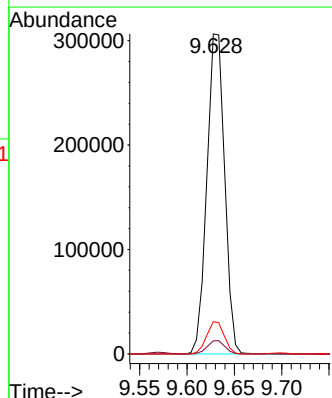
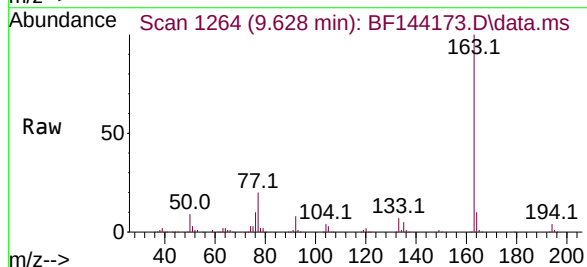
Tgt Ion:163 Resp: 400479

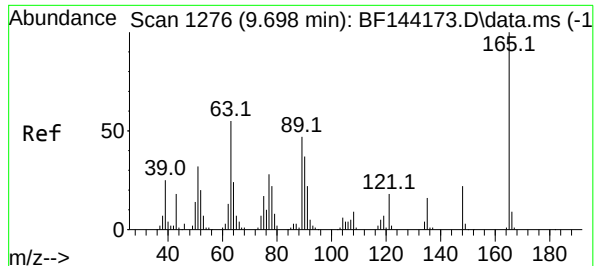
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 41.169 ng

RT: 9.698 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

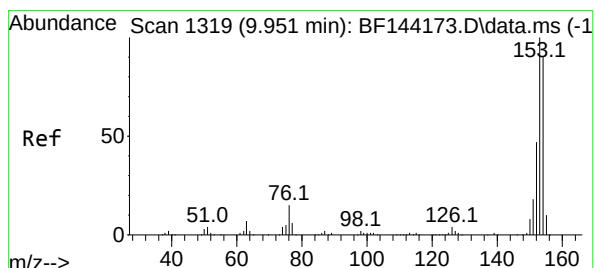
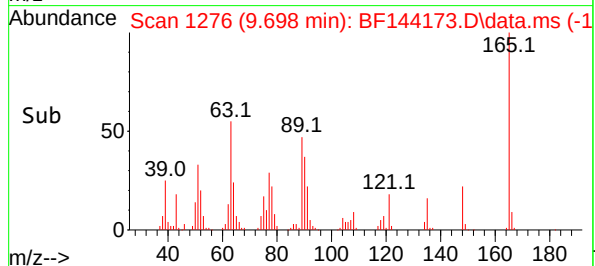
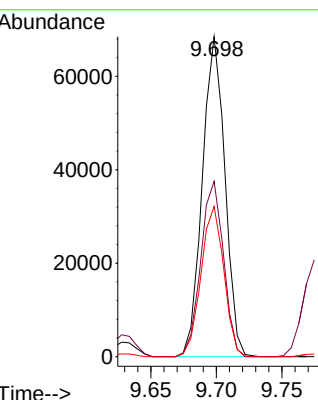
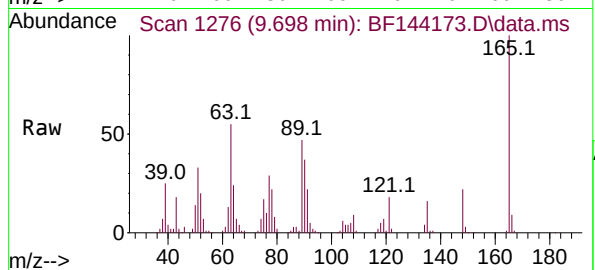
Tgt Ion:165 Resp: 82166

Ion Ratio Lower Upper

165 100

63 54.8 43.8 65.8

89 46.9 37.5 56.3



#52

Acenaphthene

Concen: 40.406 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

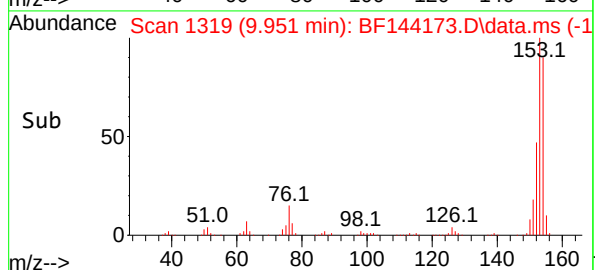
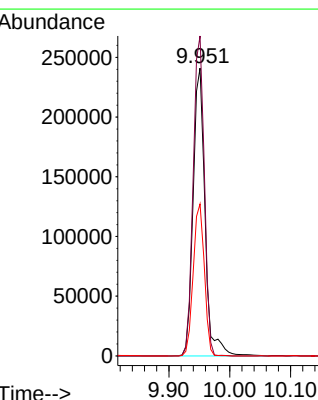
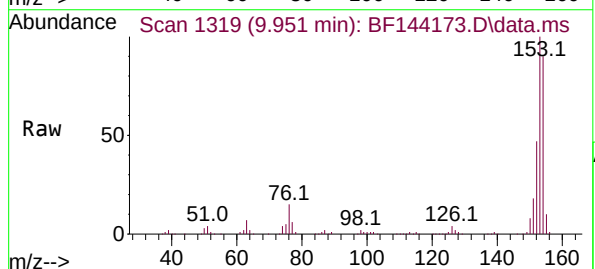
Tgt Ion:154 Resp: 326285

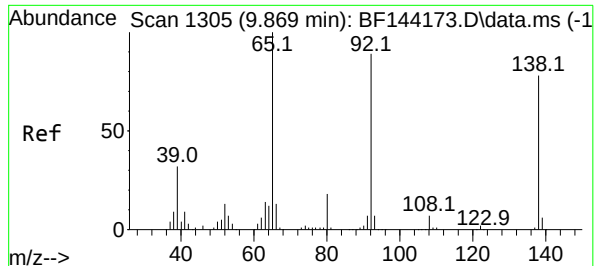
Ion Ratio Lower Upper

154 100

153 111.2 89.0 133.4

152 52.8 42.2 63.4





#53

3-Nitroaniline

Concen: 42.918 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

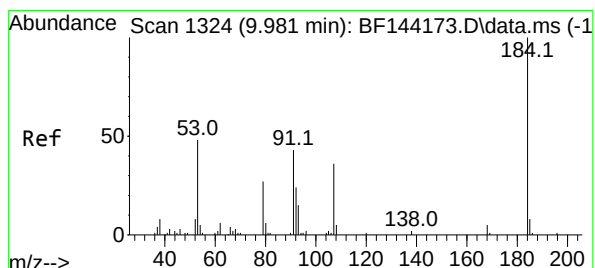
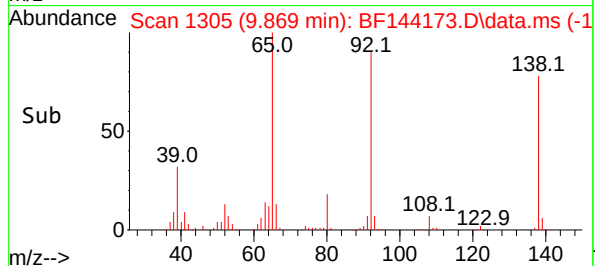
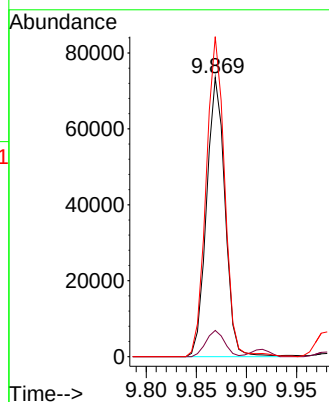
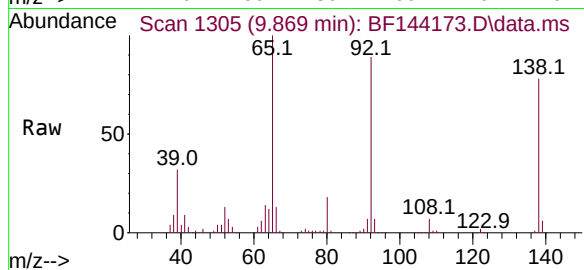
Tgt Ion:138 Resp: 93636

Ion Ratio Lower Upper

138 100

108 9.4 7.5 11.3

92 114.7 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 34.614 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

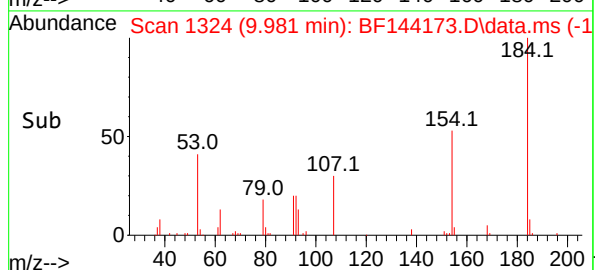
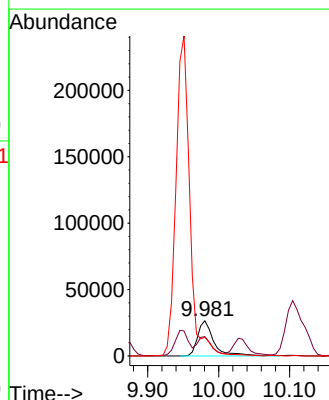
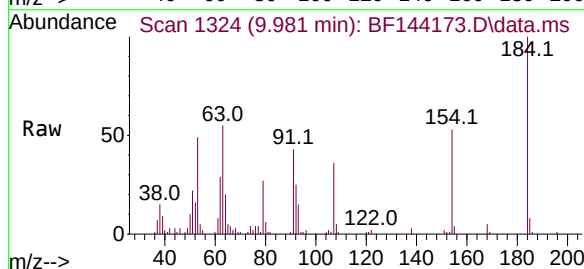
Tgt Ion:184 Resp: 41716

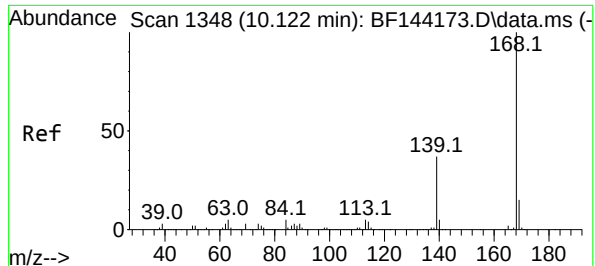
Ion Ratio Lower Upper

184 100

63 55.0 44.0 66.0

154 53.0 42.4 63.6





#55

Dibenzofuran

Concen: 40.810 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

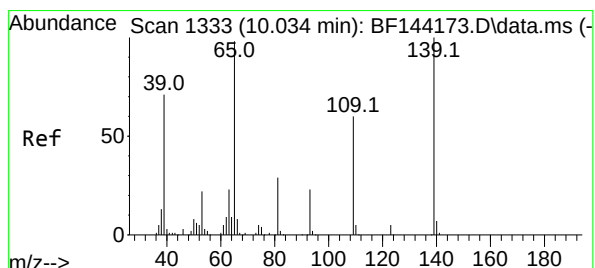
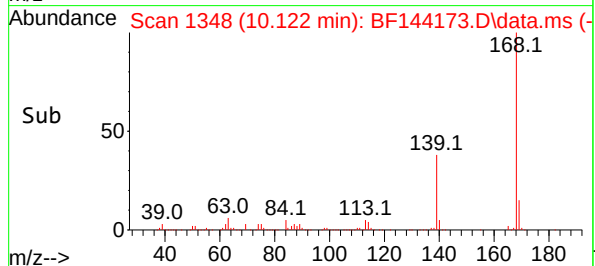
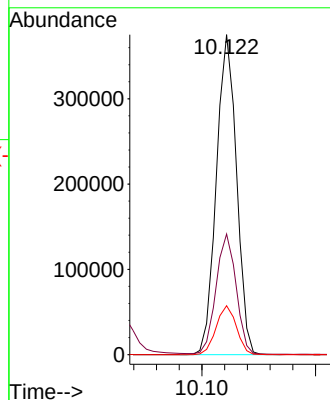
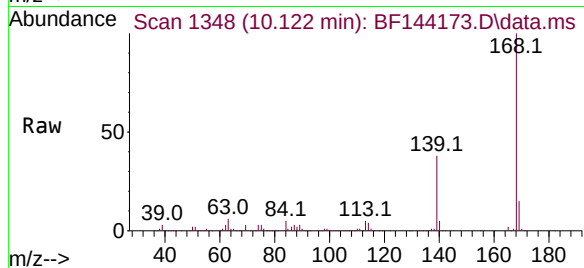
Tgt Ion:168 Resp: 461538

Ion Ratio Lower Upper

168 100

139 37.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 38.426 ng

RT: 10.034 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

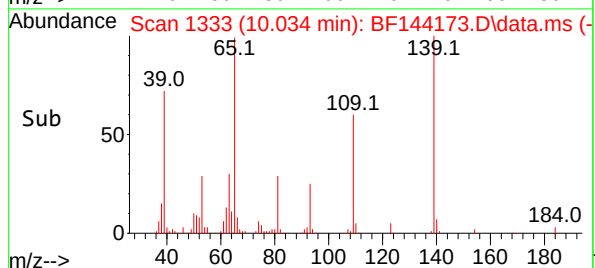
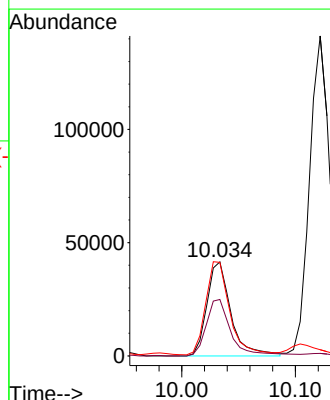
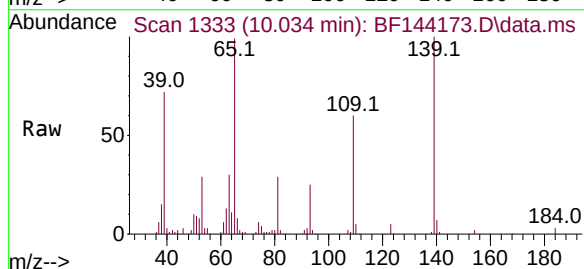
Tgt Ion:139 Resp: 60643

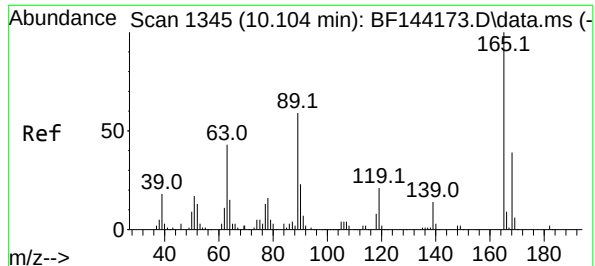
Ion Ratio Lower Upper

139 100

109 59.9 39.9 79.9

65 99.5 79.5 119.5

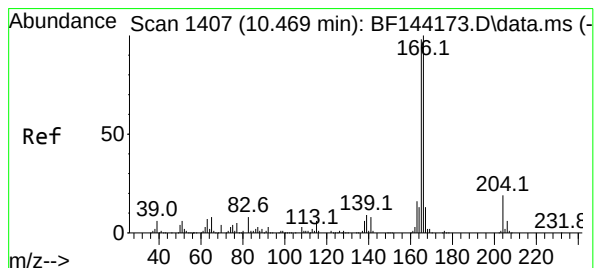
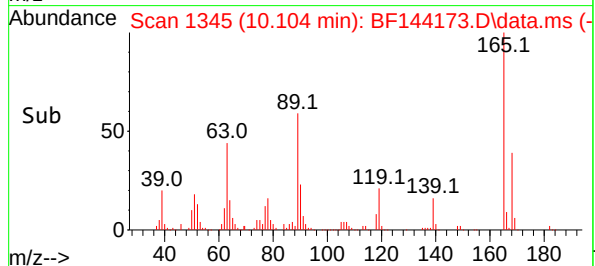
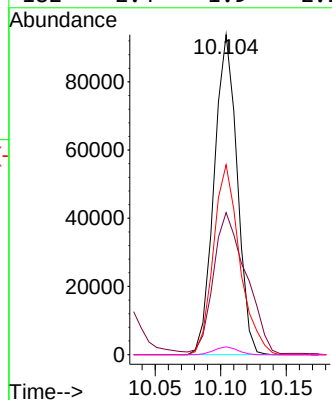
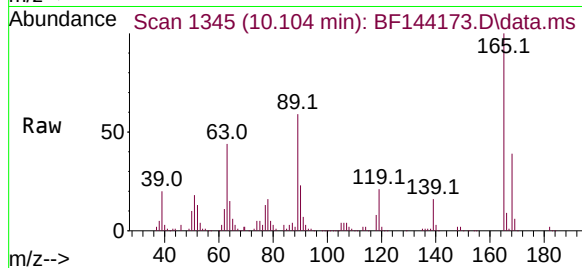




#57
2,4-Dinitrotoluene
Concen: 42.858 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

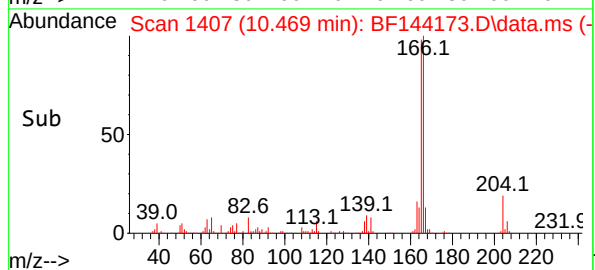
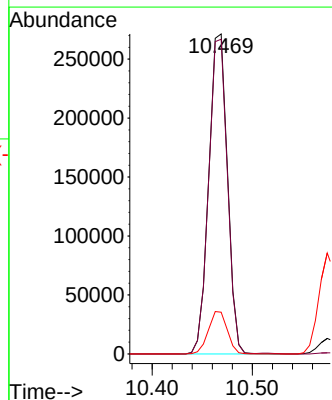
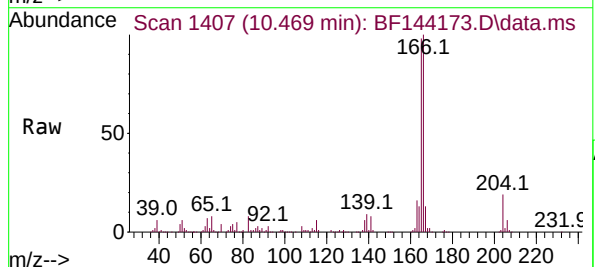
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

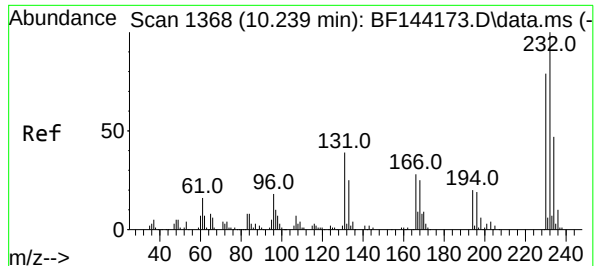
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.4	35.5	53.3
89	59.3	47.4	71.2
182	2.4	1.9	2.9



#58
Fluorene
Concen: 40.841 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.0	10.4	15.6

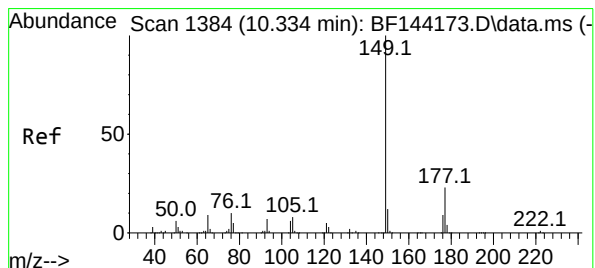
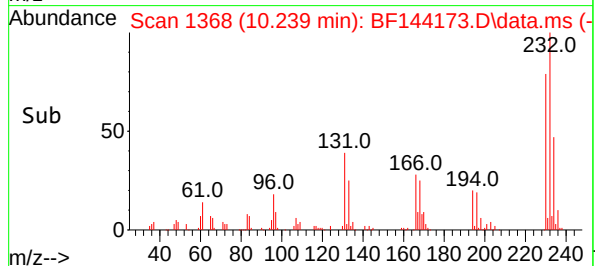
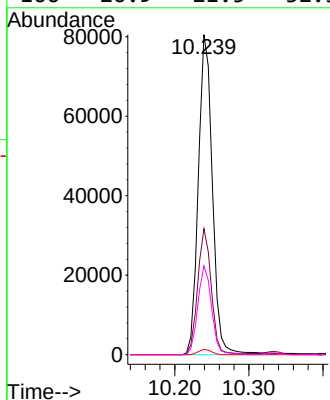
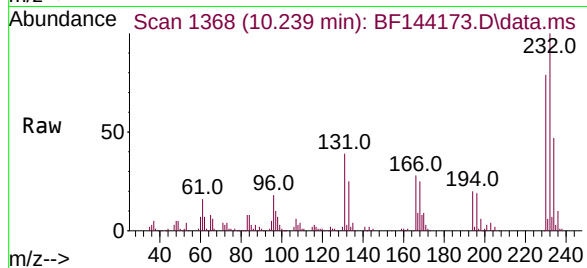




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.037 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

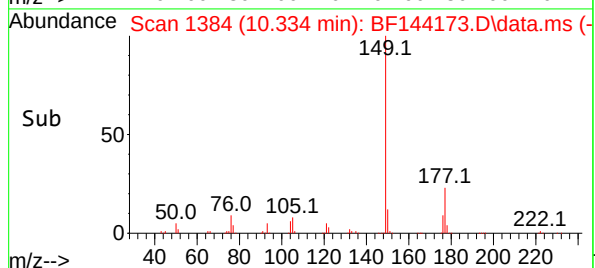
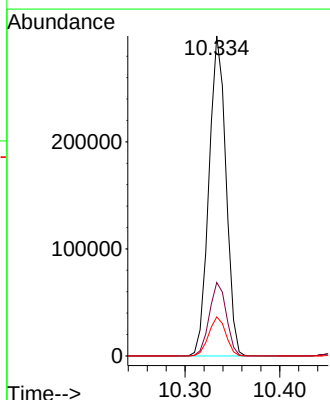
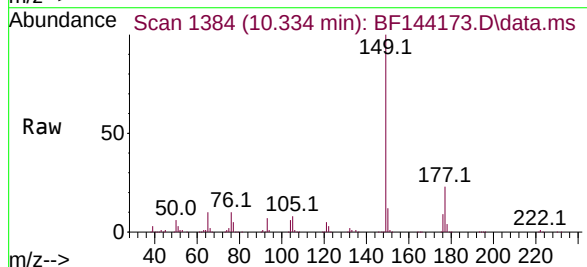
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

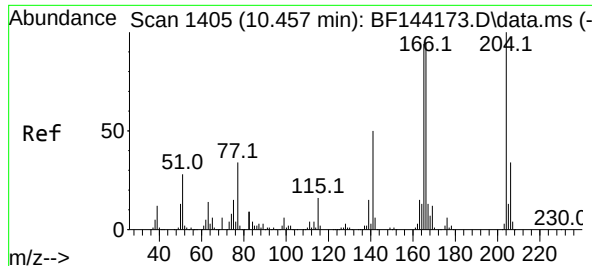
Tgt Ion:232 Resp: 106411
Ion Ratio Lower Upper
232 100
131 37.9 30.3 45.5
130 1.5 1.2 1.8
166 26.9 21.5 32.3



#60
Diethylphthalate
Concen: 41.061 ng
RT: 10.334 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 373187
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.2 9.8 14.6

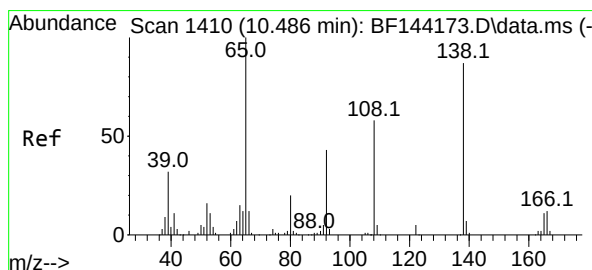
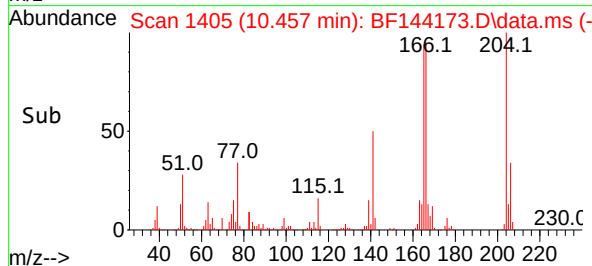
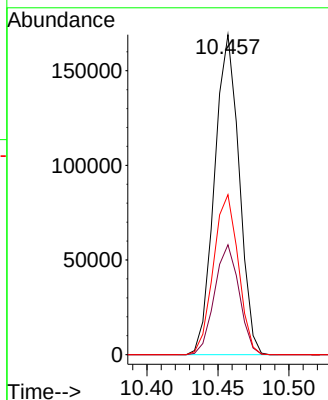
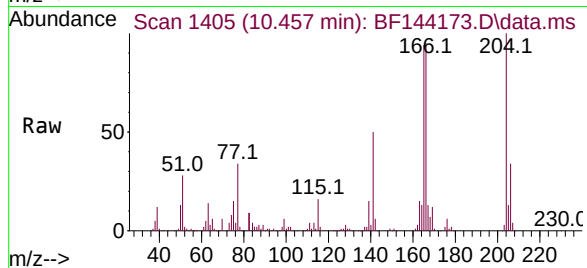




#61
4-Chlorophenyl-phenylether
Concen: 41.598 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

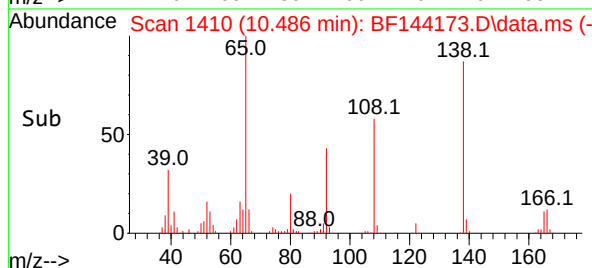
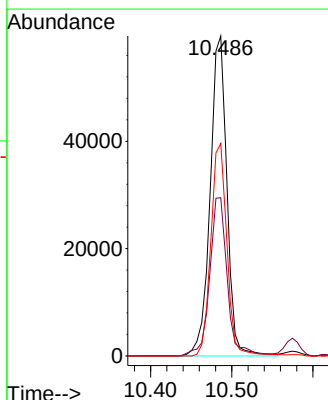
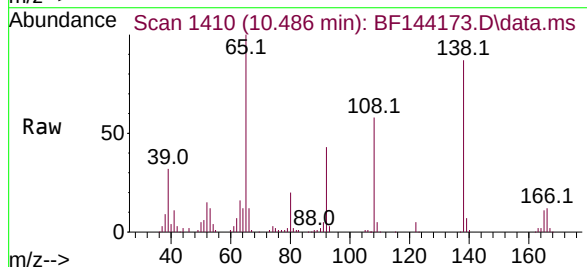
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

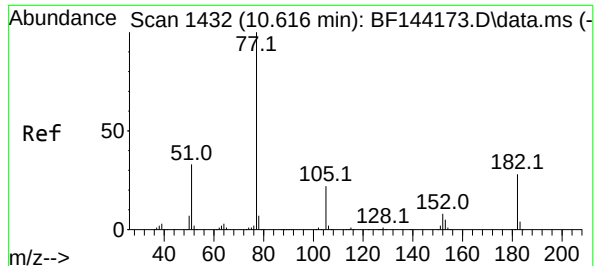
Tgt Ion:204 Resp: 203750
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 50.0 40.0 60.0



#62
4-Nitroaniline
Concen: 41.237 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:138 Resp: 85679
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 66.4 46.4 86.4

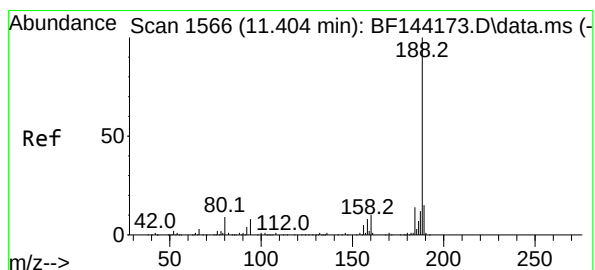
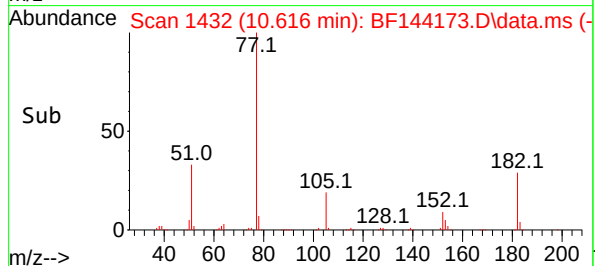
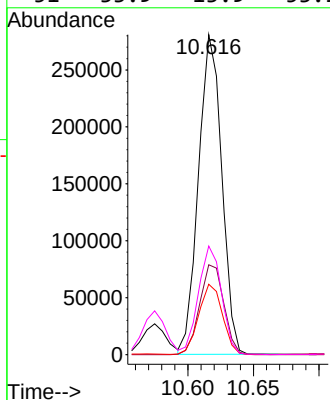
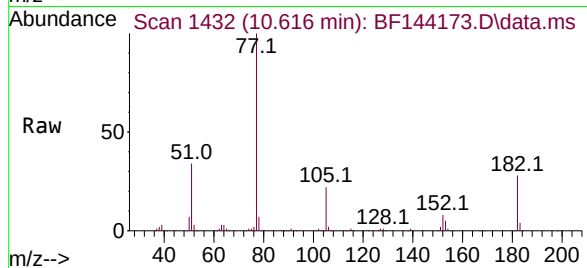




#63
Azobenzene
Concen: 40.948 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

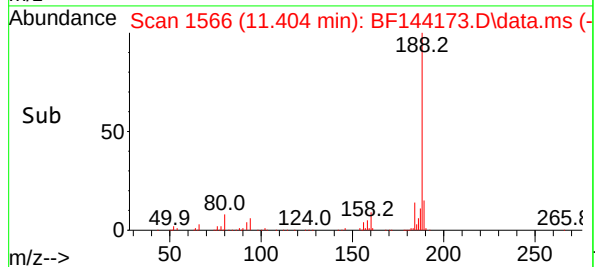
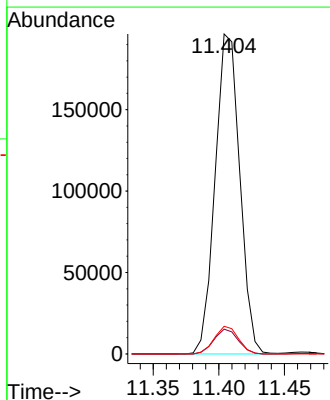
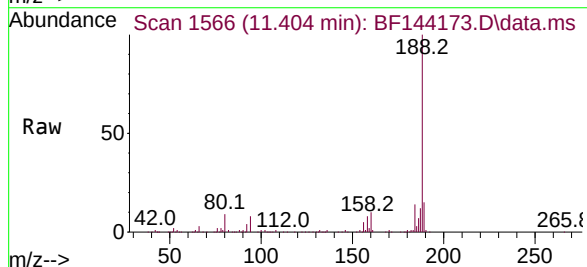
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

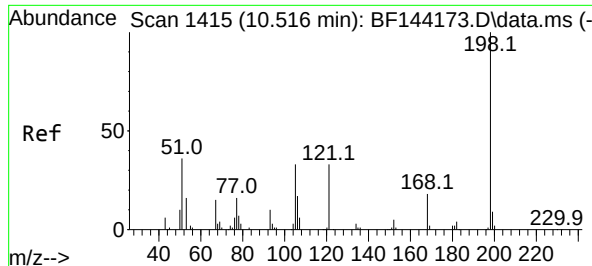
Tgt Ion: 77 Resp: 346367
Ion Ratio Lower Upper
77 100
182 28.1 8.1 48.1
105 22.0 2.0 42.0
51 33.9 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion: 188 Resp: 257329
Ion Ratio Lower Upper
188 100
94 7.7 6.2 9.2
80 8.6 6.9 10.3

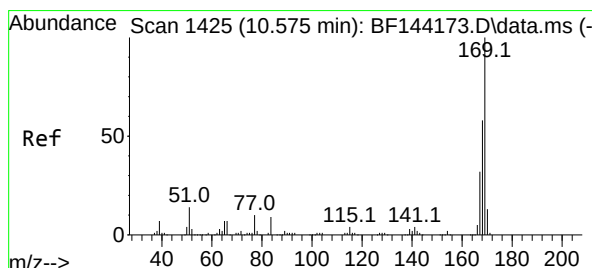
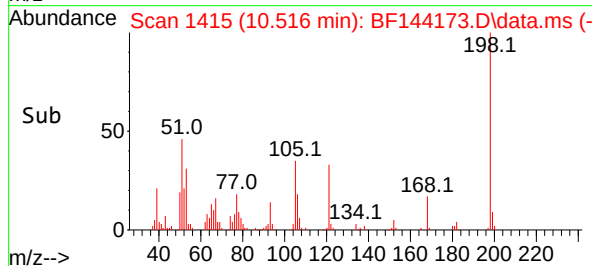
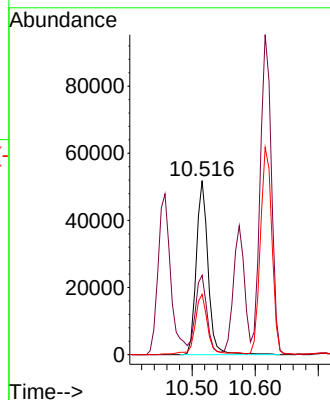
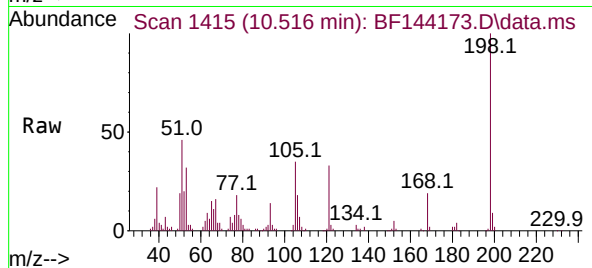




#65
4,6-Dinitro-2-methylphenol
Concen: 38.343 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

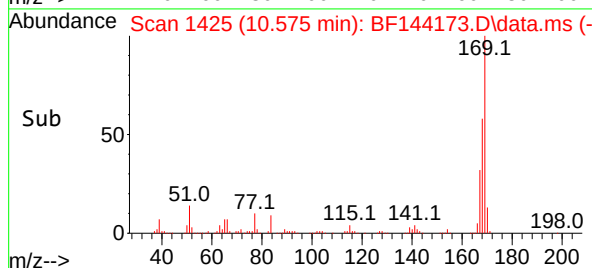
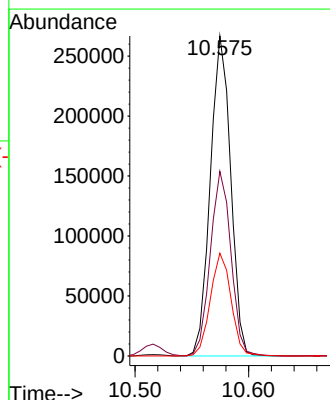
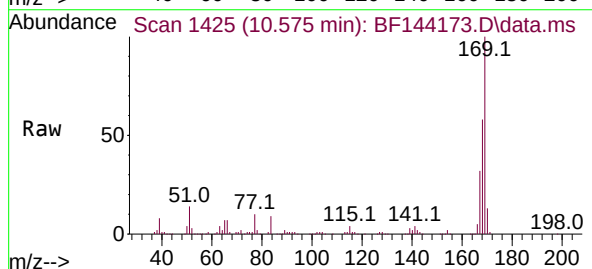
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

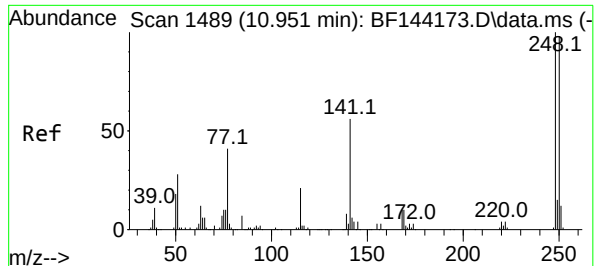
Tgt Ion:198 Resp: 67029
Ion Ratio Lower Upper
198 100
51 45.6 25.6 65.6
105 34.6 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 40.189 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:169 Resp: 332623
Ion Ratio Lower Upper
169 100
168 57.7 46.2 69.2
167 32.1 25.7 38.5

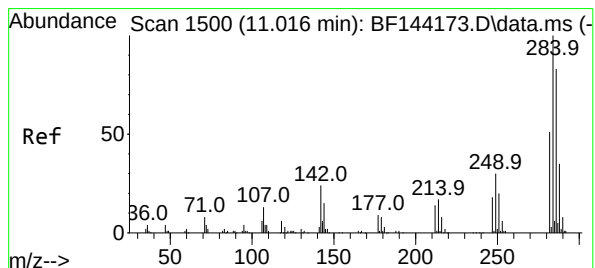
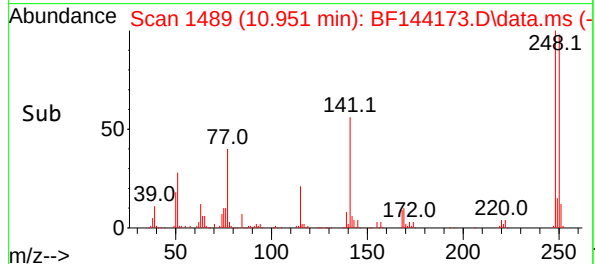
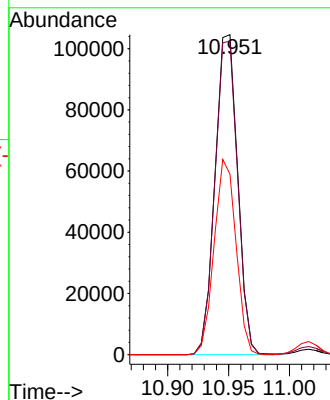
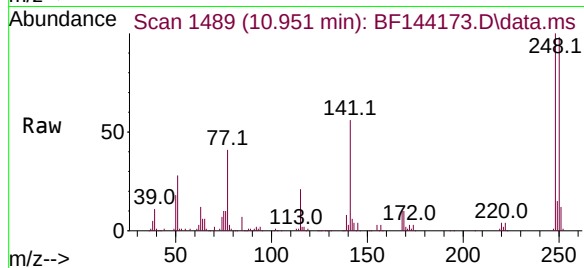




#67
4-Bromophenyl-phenylether
Concen: 41.198 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

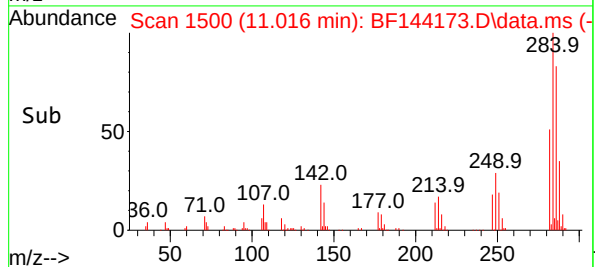
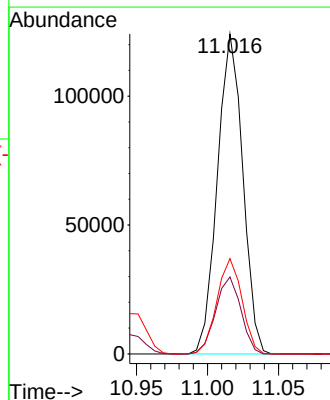
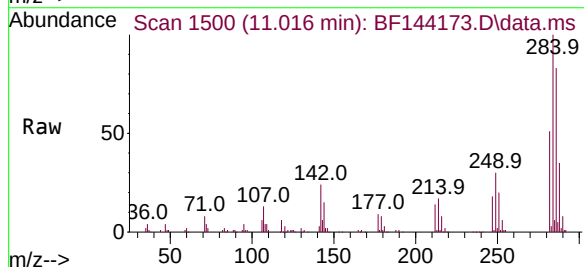
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

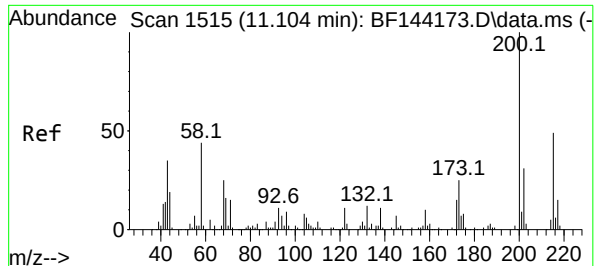
Tgt Ion:248 Resp: 135319
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 56.4 45.1 67.7



#68
Hexachlorobenzene
Concen: 39.943 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:284 Resp: 154532
Ion Ratio Lower Upper
284 100
142 24.0 19.2 28.8
249 29.8 23.8 35.8





#69

Atrazine

Concen: 40.239 ng

RT: 11.104 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

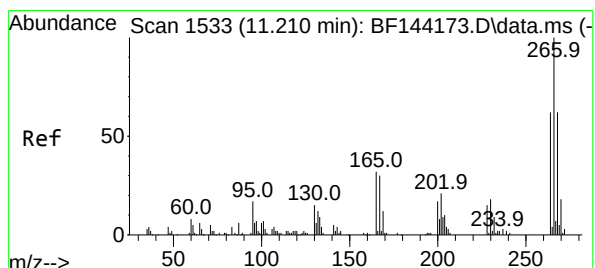
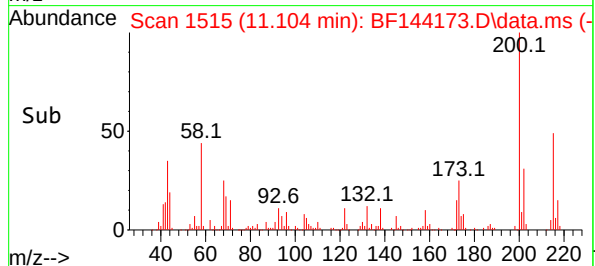
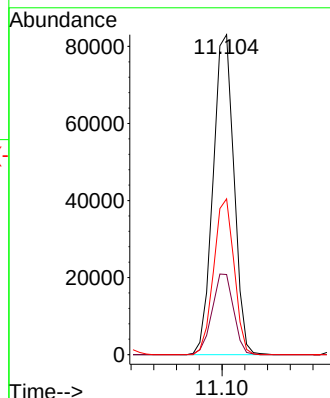
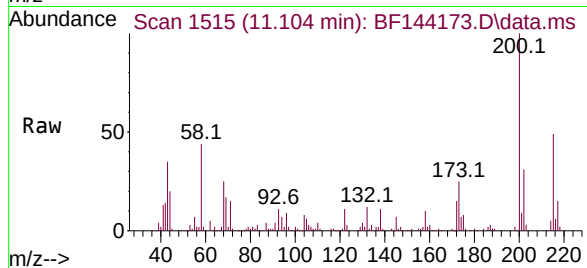
Tgt Ion:200 Resp: 105912

Ion Ratio Lower Upper

200 100

173 25.0 5.0 45.0

215 48.7 28.7 68.7



#70

Pentachlorophenol

Concen: 41.685 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

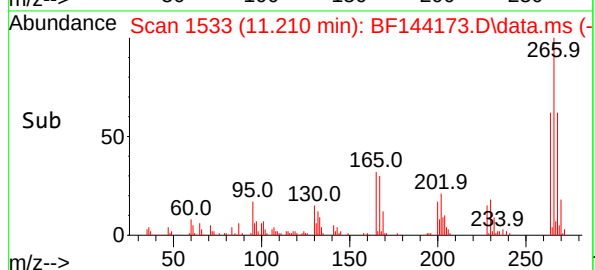
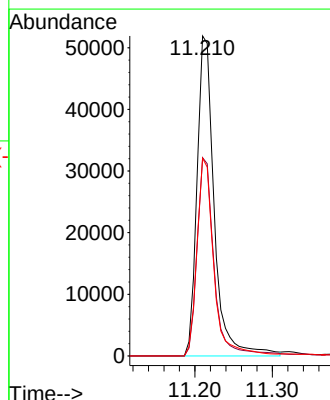
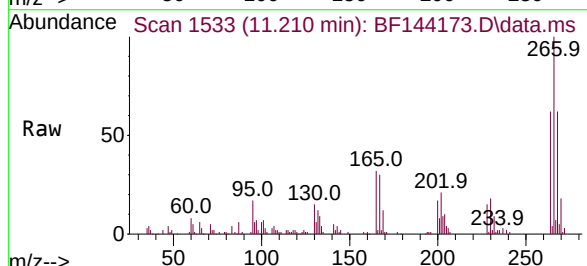
Tgt Ion:266 Resp: 80306

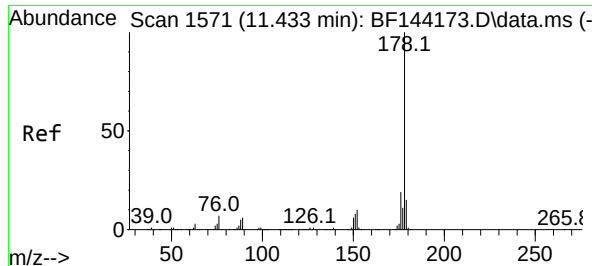
Ion Ratio Lower Upper

266 100

268 61.9 49.5 74.3

264 61.8 49.4 74.2

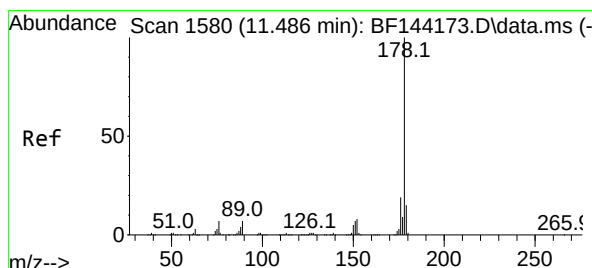
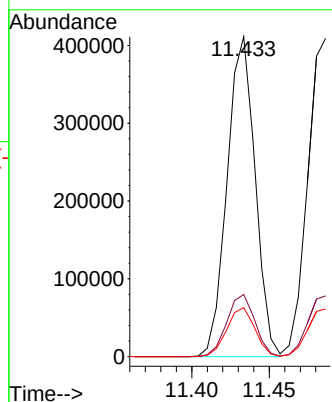
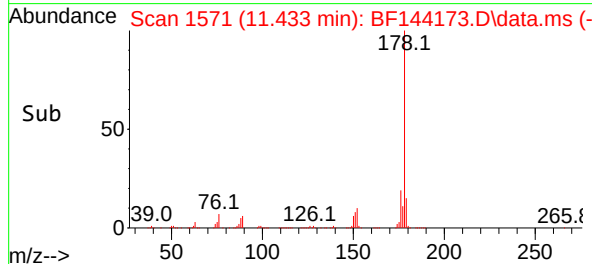
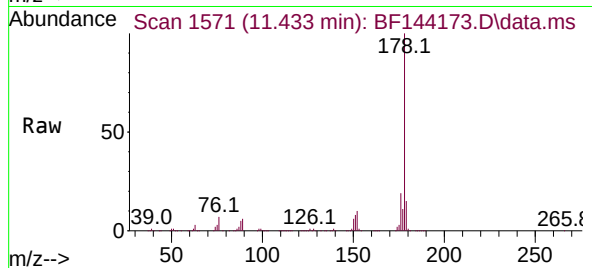




#71
Phenanthrene
Concen: 40.513 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

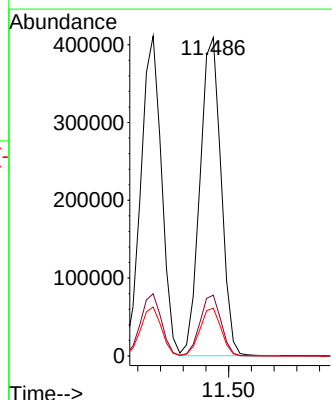
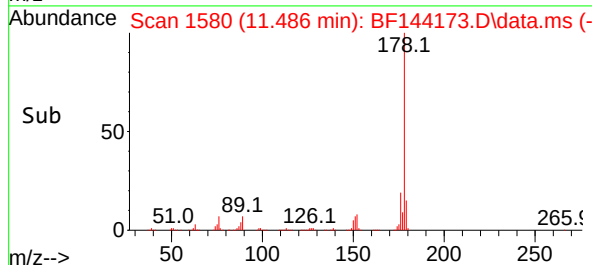
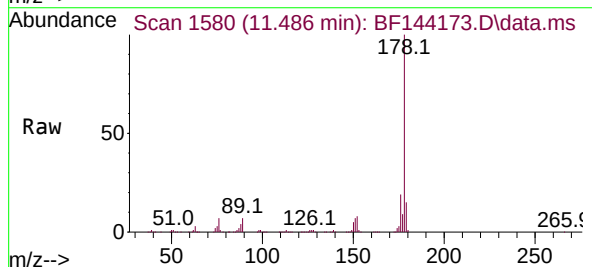
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

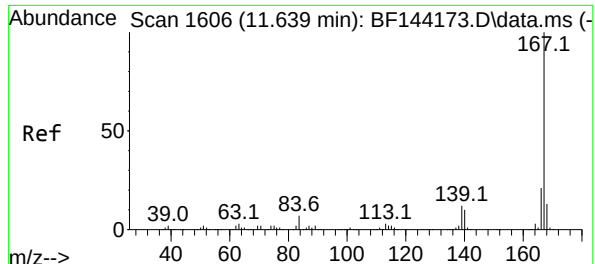
Tgt Ion:178 Resp: 519052
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.3 12.2 18.4



#72
Anthracene
Concen: 40.372 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:178 Resp: 525954
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.0 12.0 18.0

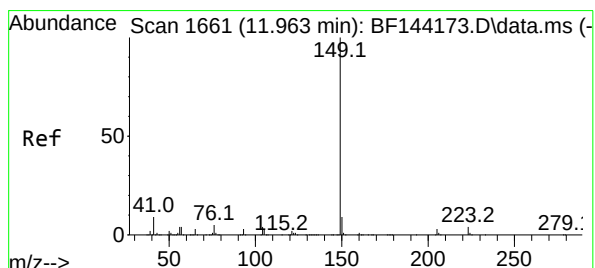
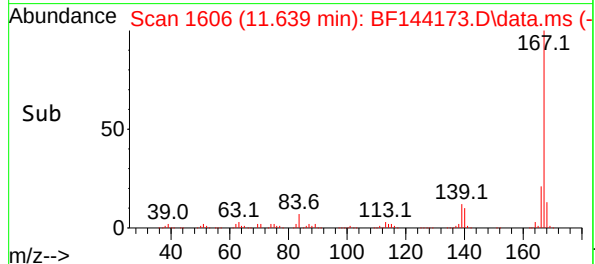
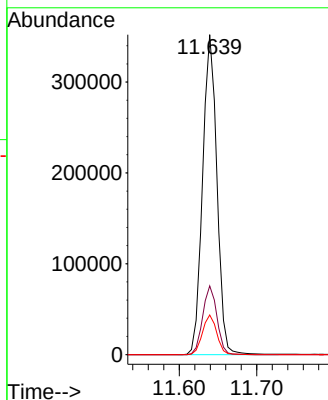
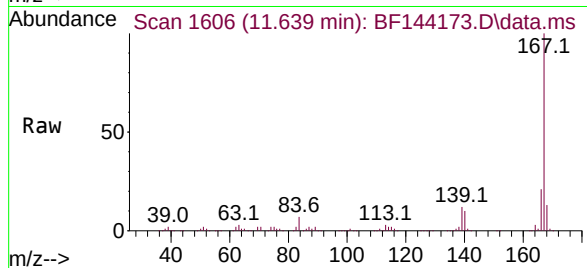




#73
Carbazole
Concen: 40.796 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

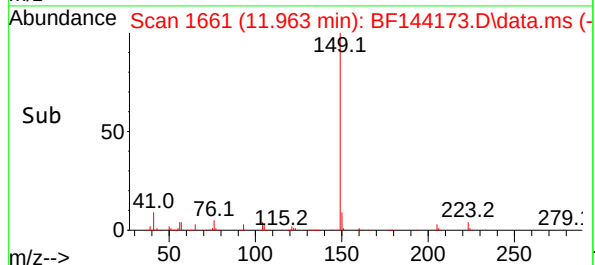
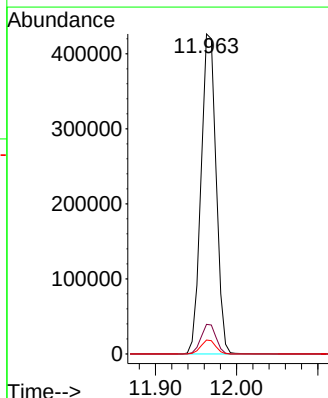
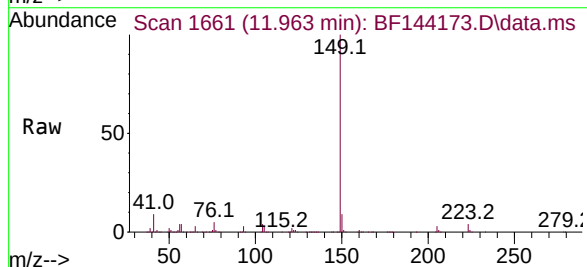
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

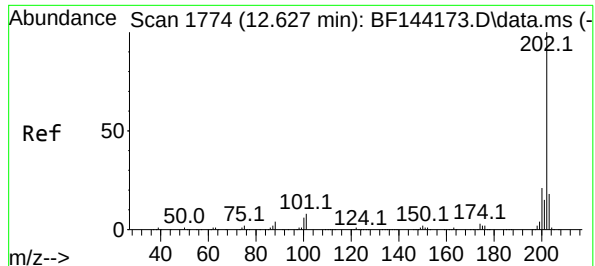
Tgt Ion:167 Resp: 451935
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 41.117 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 550628
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.3 3.4 5.2

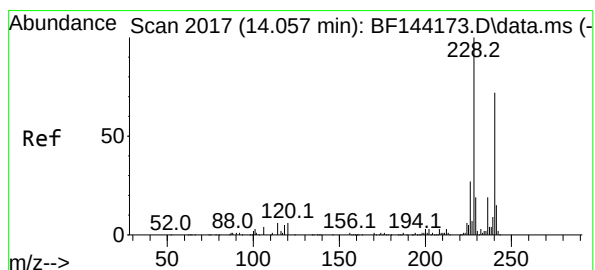
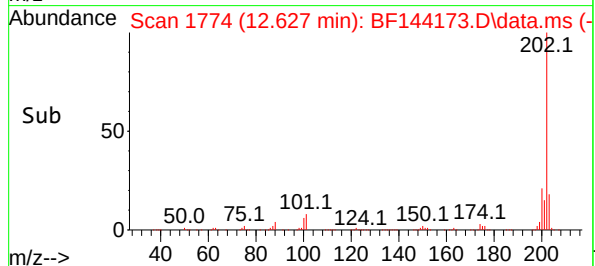
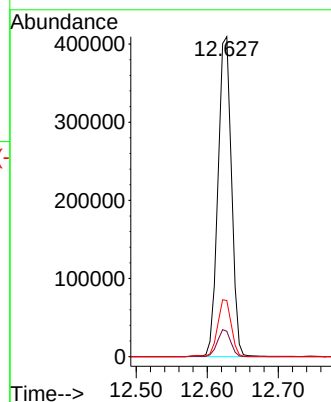
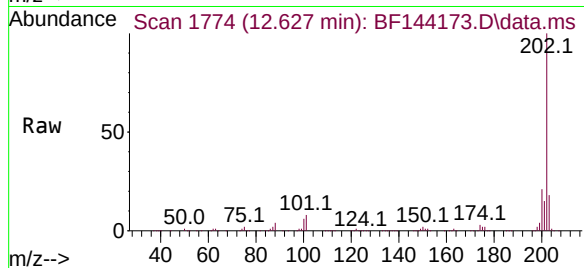




#75
Fluoranthene
Concen: 40.992 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

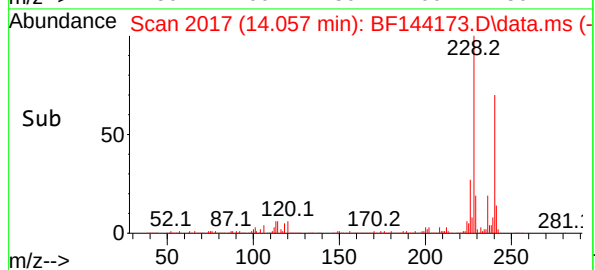
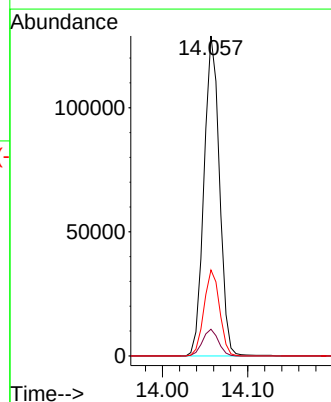
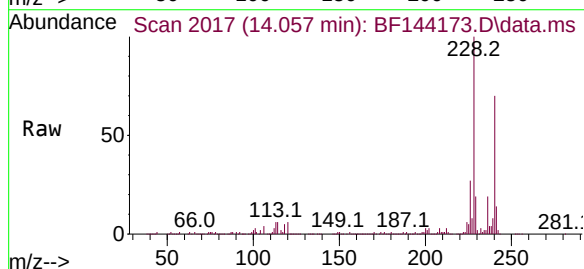
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

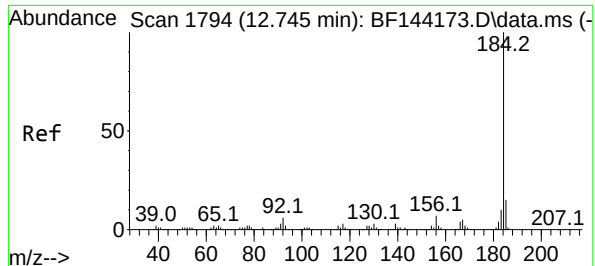
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	26.8	21.4	32.2





#77

Benzidine

Concen: 42.178 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

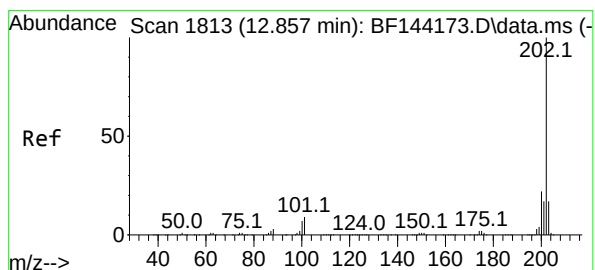
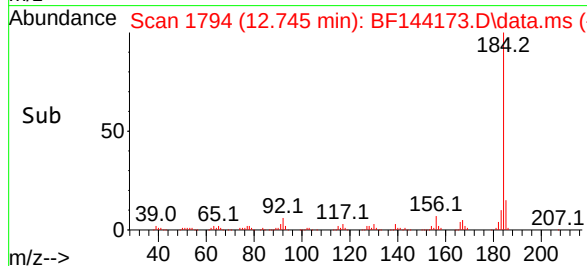
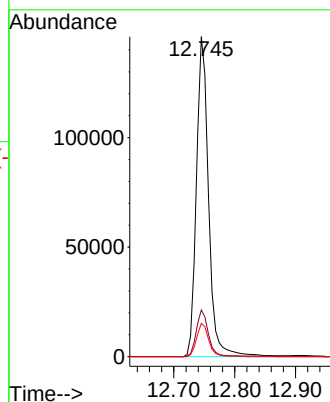
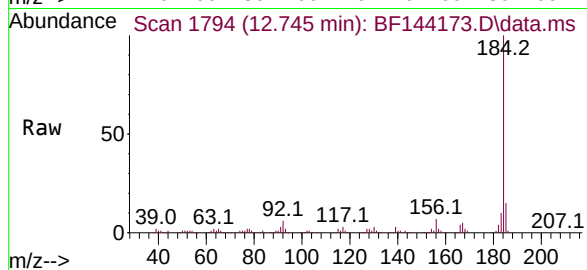
Tgt Ion:184 Resp: 202921

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

183 10.4 8.3 12.5



#78

Pyrene

Concen: 42.272 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

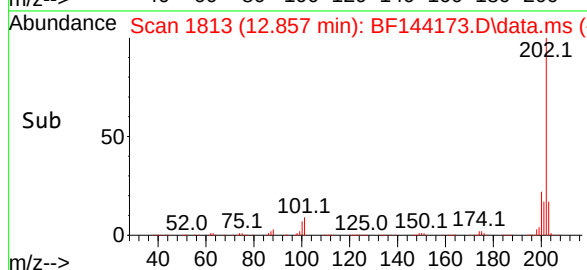
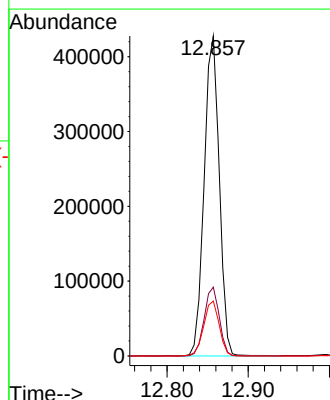
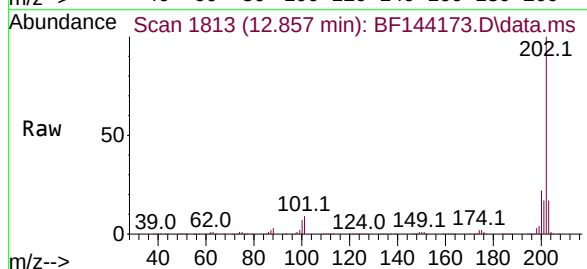
Tgt Ion:202 Resp: 554374

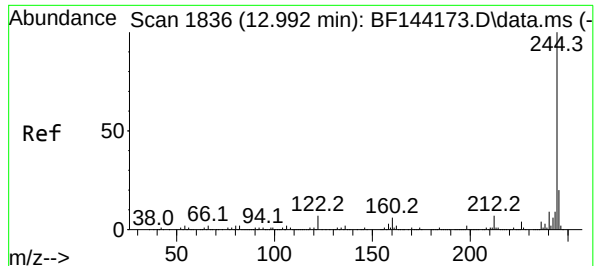
Ion Ratio Lower Upper

202 100

200 21.5 17.2 25.8

203 17.1 13.7 20.5





#79

Terphenyl-d14

Concen: 83.645 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF144173.D

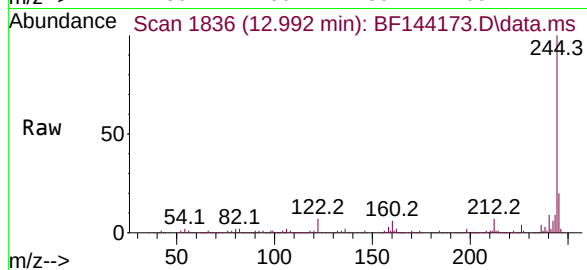
Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



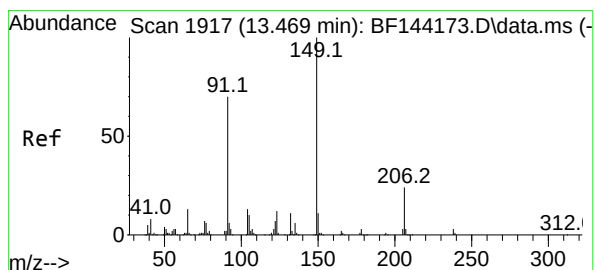
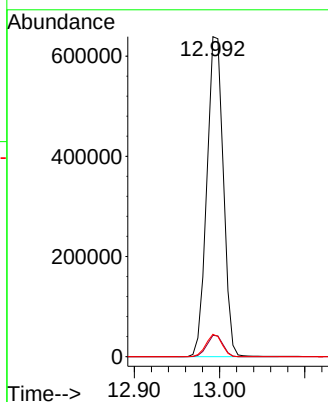
Tgt Ion:244 Resp: 856515

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 7.0 5.6 8.4



#80

Butylbenzylphthalate

Concen: 42.209 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

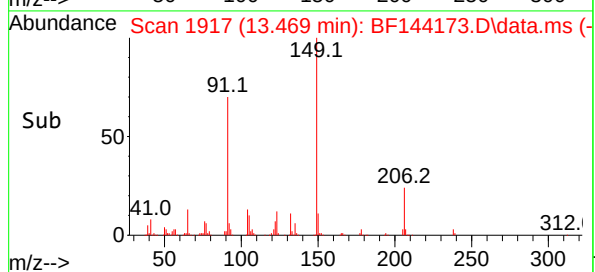
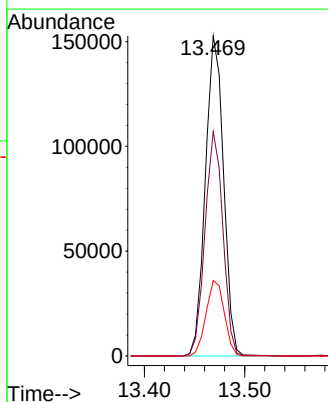
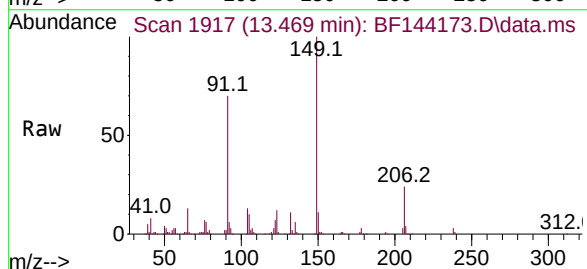
Tgt Ion:149 Resp: 191850

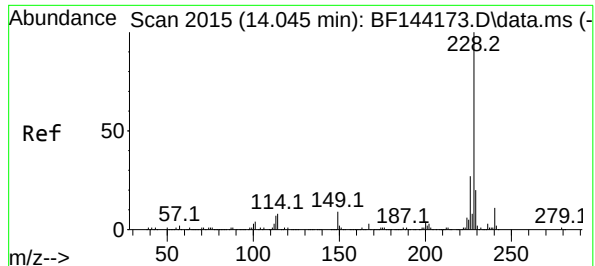
Ion Ratio Lower Upper

149 100

91 70.1 56.1 84.1

206 23.5 18.8 28.2

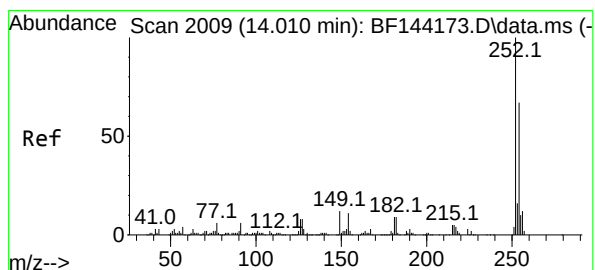
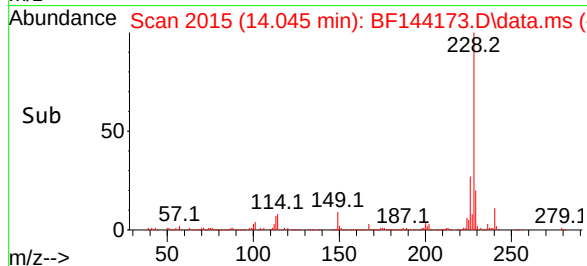
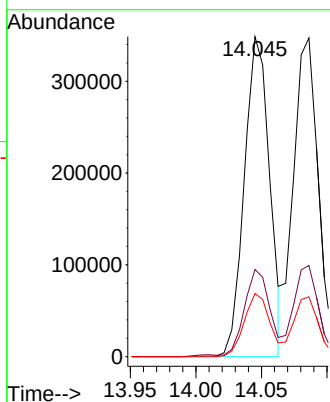
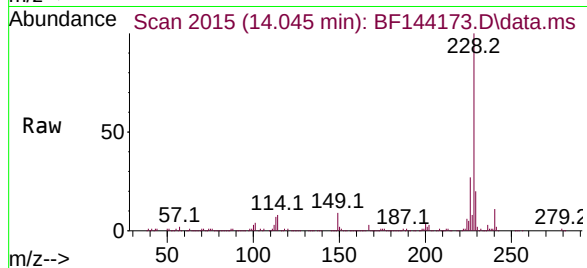




#81
Benzo(a)anthracene
Concen: 41.267 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

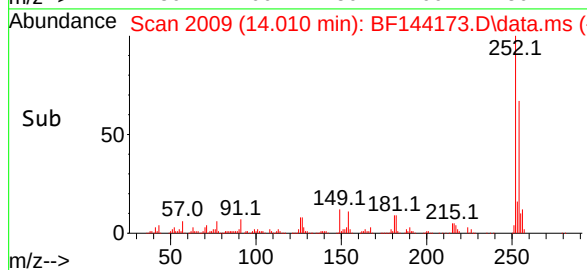
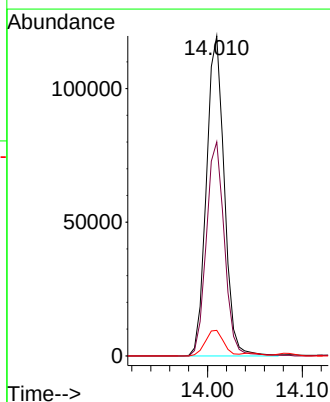
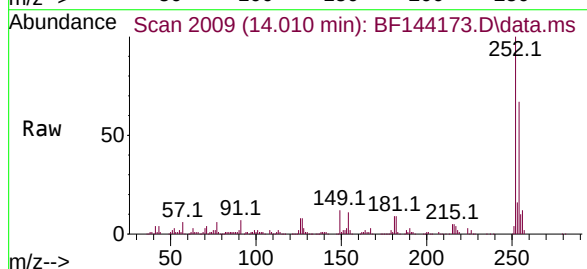
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

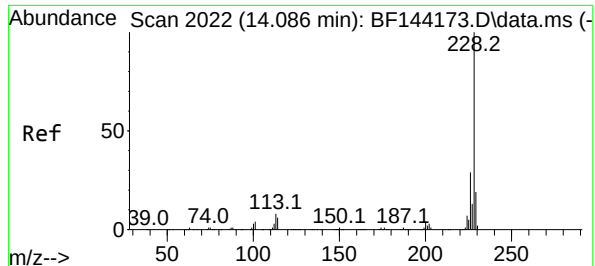
Tgt Ion:228 Resp: 465201
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 40.620 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:252 Resp: 156957
Ion Ratio Lower Upper
252 100
254 66.9 53.5 80.3
126 8.0 6.4 9.6

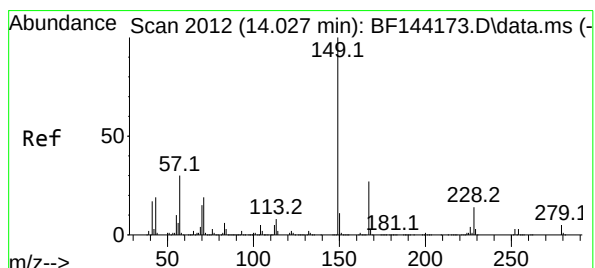
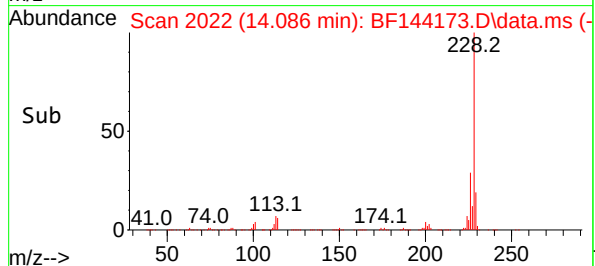
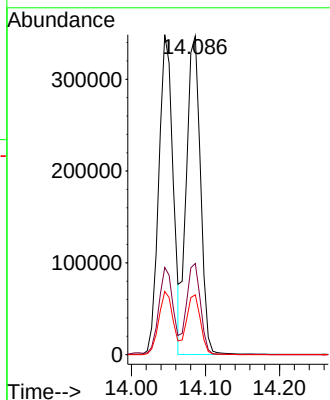
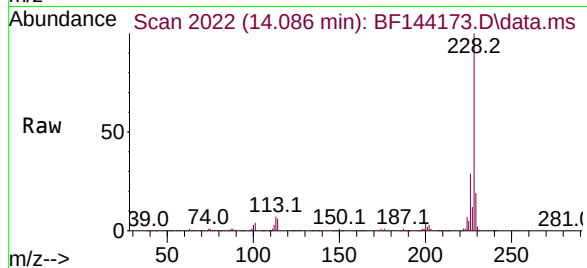




#83
Chrysene
Concen: 43.853 ng
RT: 14.086 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

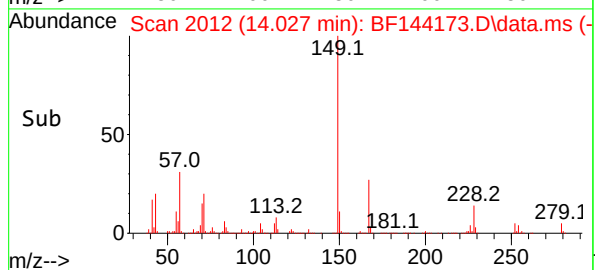
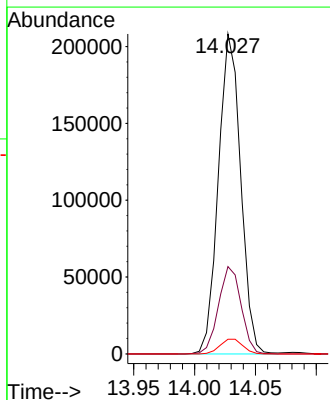
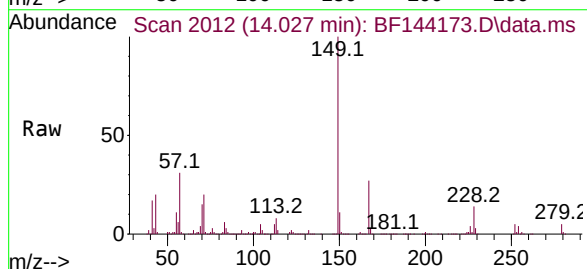
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

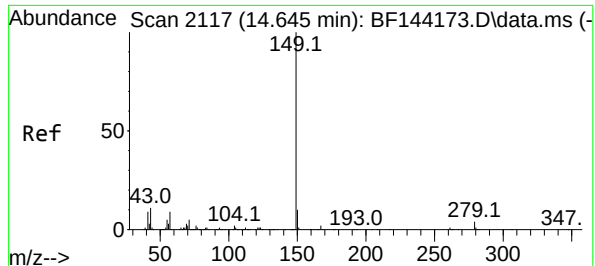
Tgt Ion:228 Resp: 456347
Ion Ratio Lower Upper
228 100
226 28.6 22.9 34.3
229 18.8 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.651 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:149 Resp: 265384
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 4.6 3.7 5.5

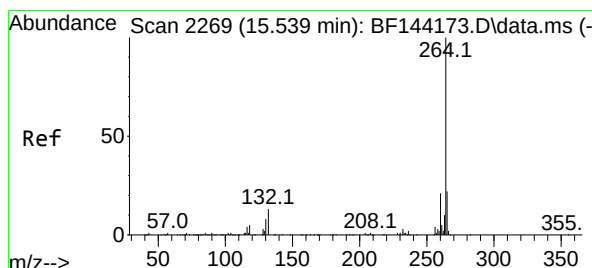
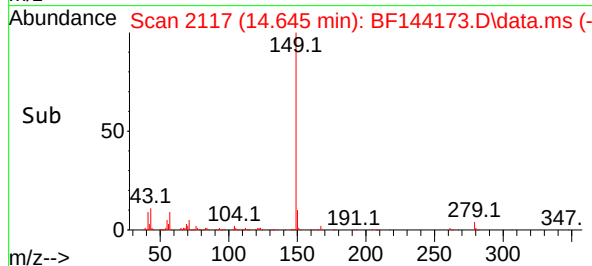
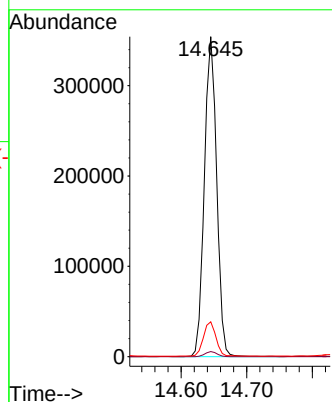
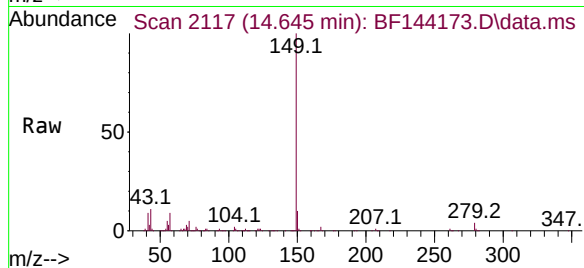




#85
Di-n-octyl phthalate
Concen: 42.739 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

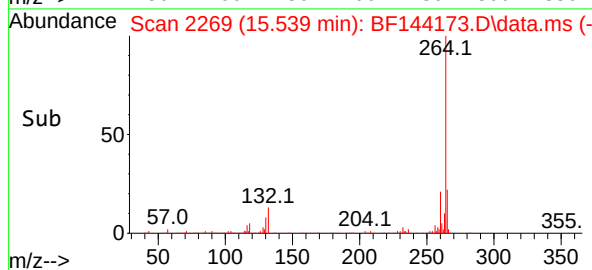
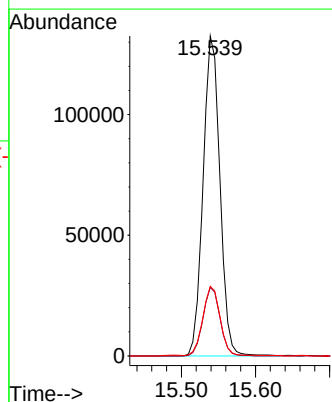
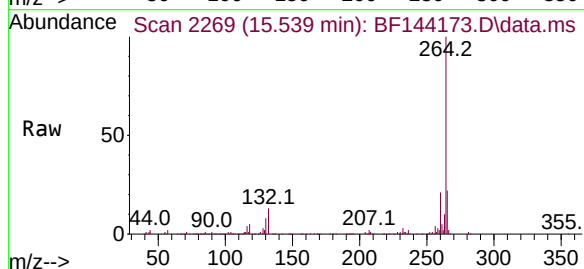
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

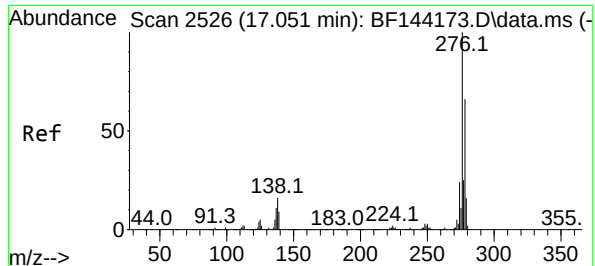
Tgt Ion:149 Resp: 458823
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144173.D
Acq: 05 Nov 2025 14:50

Tgt Ion:264 Resp: 208923
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.7 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.385 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

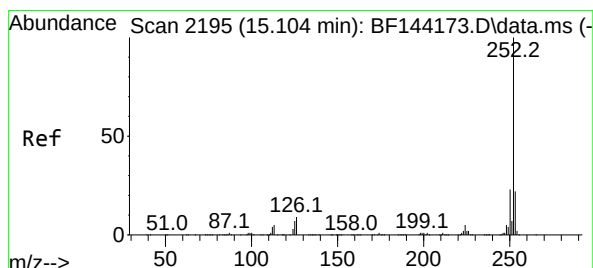
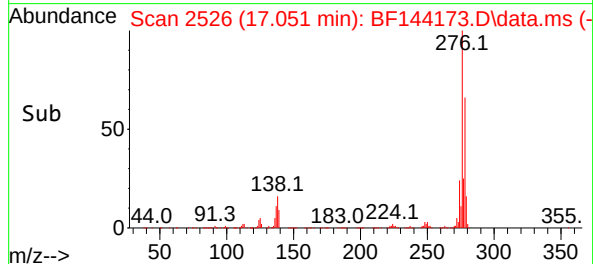
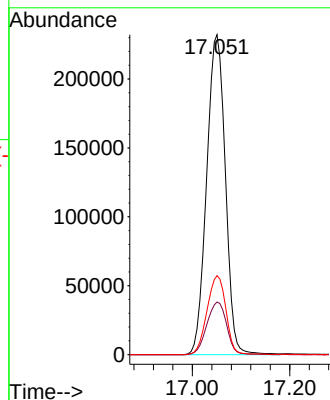
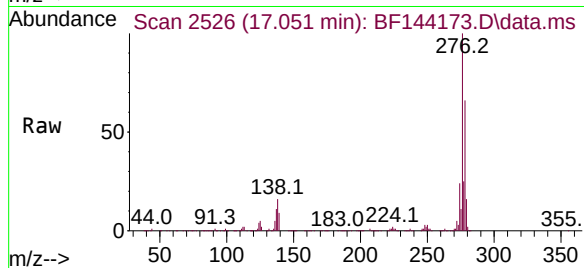
Tgt Ion:276 Resp: 620668

Ion Ratio Lower Upper

276 100

138 17.4 13.9 20.9

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 43.375 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

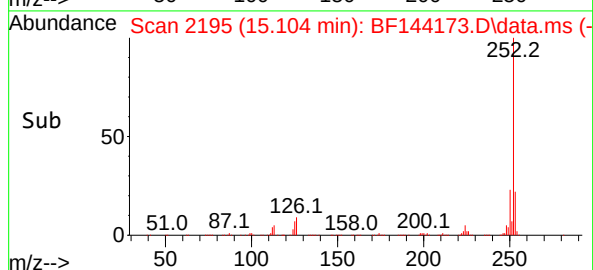
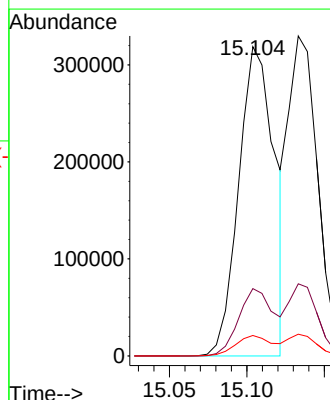
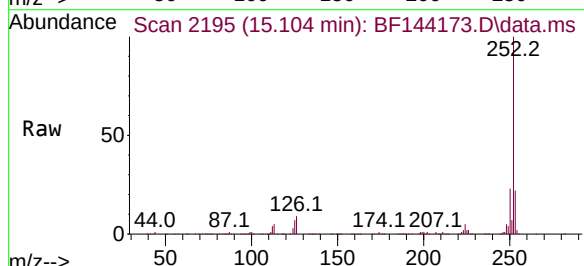
Tgt Ion:252 Resp: 515192

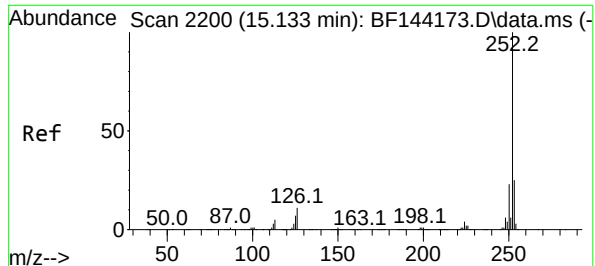
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 6.6 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 39.135 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

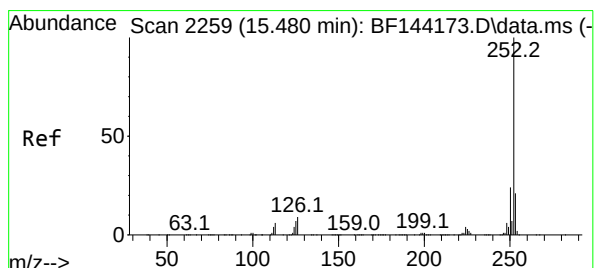
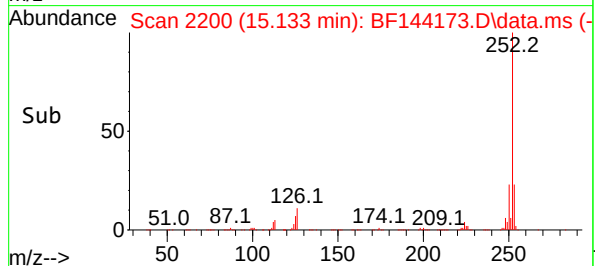
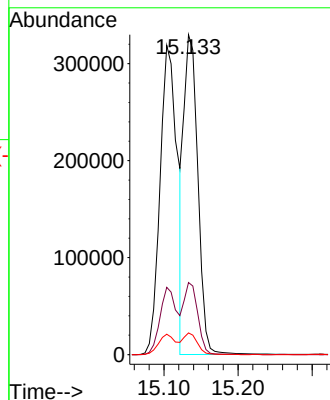
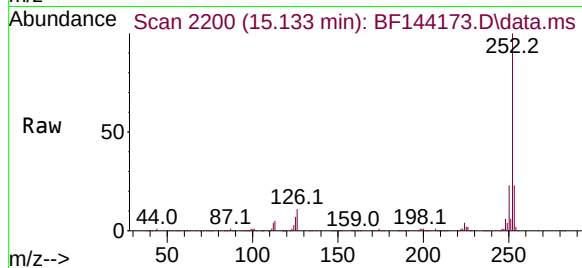
Tgt Ion:252 Resp: 435087

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 6.8 5.4 8.2



#90

Benzo(a)pyrene

Concen: 41.055 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

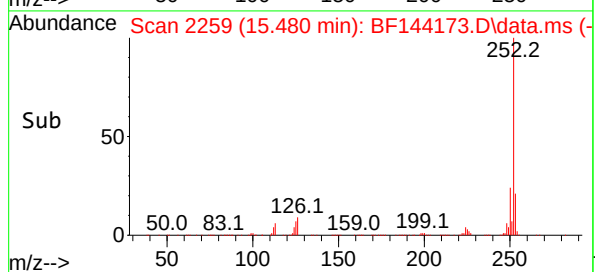
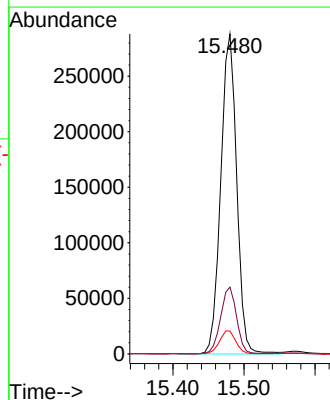
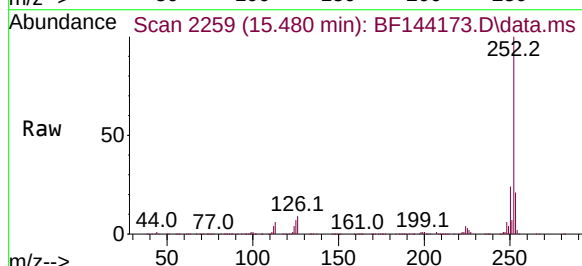
Tgt Ion:252 Resp: 449869

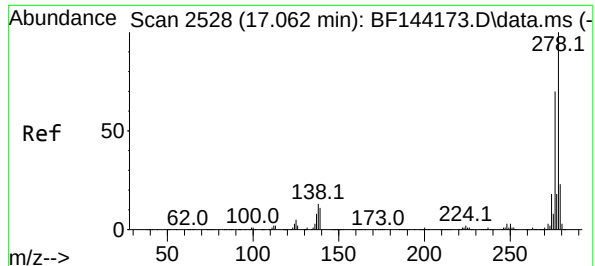
Ion Ratio Lower Upper

252 100

253 20.9 16.7 25.1

125 7.1 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.578 ng

RT: 17.062 min Scan# 2528

Delta R.T. -0.018 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

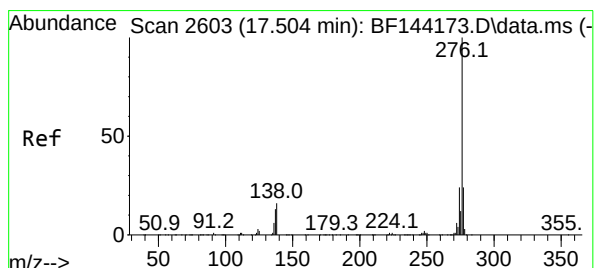
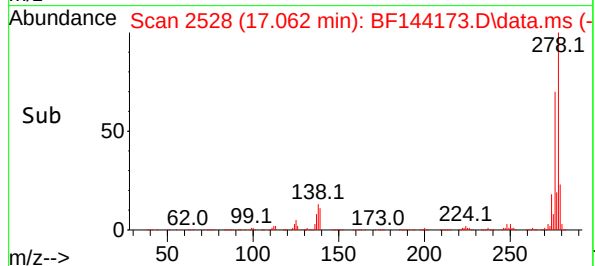
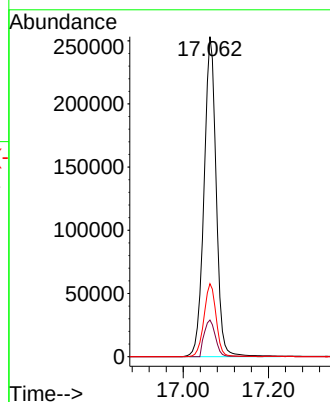
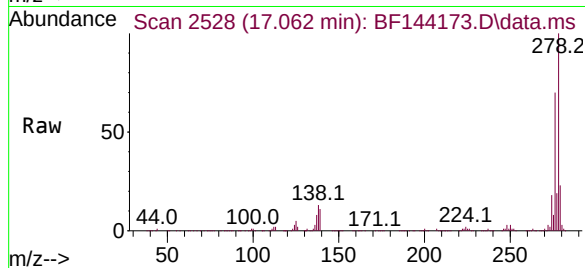
Tgt Ion:278 Resp: 500778

Ion Ratio Lower Upper

278 100

139 11.4 9.1 13.7

279 22.8 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 41.843 ng

RT: 17.504 min Scan# 2603

Delta R.T. -0.018 min

Lab File: BF144173.D

Acq: 05 Nov 2025 14:50

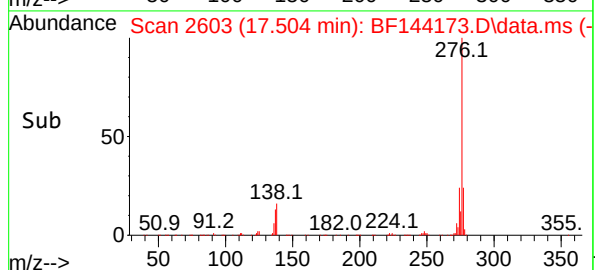
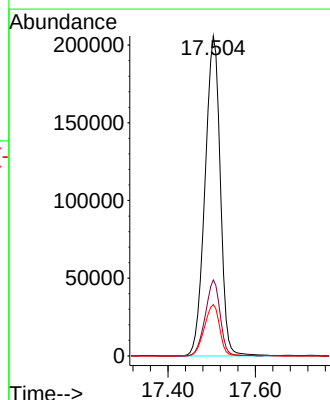
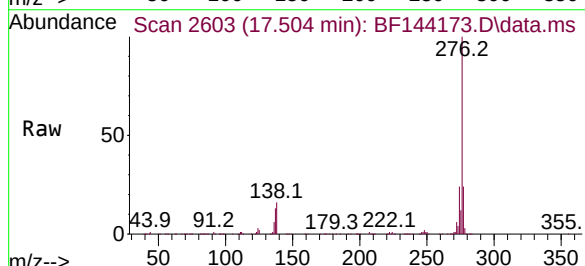
Tgt Ion:276 Resp: 497680

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 16.1 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	84549	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313425	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	170294	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	283828	20.000	ng	0.00
76) Chrysene-d12	14.063	240	194366	20.000	ng	0.00
86) Perylene-d12	15.545	264	264861	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	489170	90.538	ng	0.00
7) Phenol-d6	6.504	99	541465	88.447	ng	0.00
23) Nitrobenzene-d5	7.439	82	502493	92.595	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	192917	90.275	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1002454	86.941	ng	0.00
79) Terphenyl-d14	12.998	244	1012618	82.754	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	105785	47.358	ng	97
3) Pyridine	3.375	79	291313	46.746	ng	98
4) n-Nitrosodimethylamine	3.334	42	152767	46.930	ng	98
6) Aniline	6.540	93	389058	44.605	ng	99
8) 2-Chlorophenol	6.663	128	243472	45.950	ng	99
9) Benzaldehyde	6.428	77	141949	41.062	ng	97
10) Phenol	6.522	94	330203	44.146	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	244159	44.798	ng	97
12) 1,3-Dichlorobenzene	6.816	146	295294	45.164	ng	98
13) 1,4-Dichlorobenzene	6.892	146	290027	44.277	ng	100
14) 1,2-Dichlorobenzene	7.045	146	280070	44.609	ng	99
15) Benzyl Alcohol	7.016	79	221836	45.762	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	453774	45.212	ng	98
17) 2-Methylphenol	7.128	107	189260	44.899	ng	100
18) Hexachloroethane	7.387	117	98682	45.346	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	171911	42.657	ng	95
20) 3+4-Methylphenols	7.281	107	217734	43.819	ng	92
22) Acetophenone	7.287	105	297391	44.230	ng	96
24) Nitrobenzene	7.463	77	268336	45.541	ng	98
25) Isophorone	7.698	82	455511	44.376	ng	98
26) 2-Nitrophenol	7.775	139	136351	46.747	ng	97
27) 2,4-Dimethylphenol	7.810	122	204079	46.681	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	291202	45.429	ng	98
29) 2,4-Dichlorophenol	8.016	162	226748	45.001	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	231992	44.838	ng	99
31) Naphthalene	8.181	128	665821	44.658	ng	99
32) Benzoic acid	7.928	122	129332	40.359	ng	98
33) 4-Chloroaniline	8.228	127	241956	44.496	ng	99
34) Hexachlorobutadiene	8.292	225	181564	46.562	ng	98
35) Caprolactam	8.604	113	58430	42.327	ng	# 88
36) 4-Chloro-3-methylphenol	8.710	107	202891	44.930	ng	96
37) 2-Methylnaphthalene	8.875	142	438395	43.979	ng	99
38) 1-Methylnaphthalene	8.969	142	419784	43.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	250210	44.832	ng	98
41) Hexachlorocyclopentadiene	9.022	237	86860	48.007	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	174024	45.813	ng	99

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 Data File : BF144174.D
 Acq On : 05 Nov 2025 15:49
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Nov 05 17:24:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

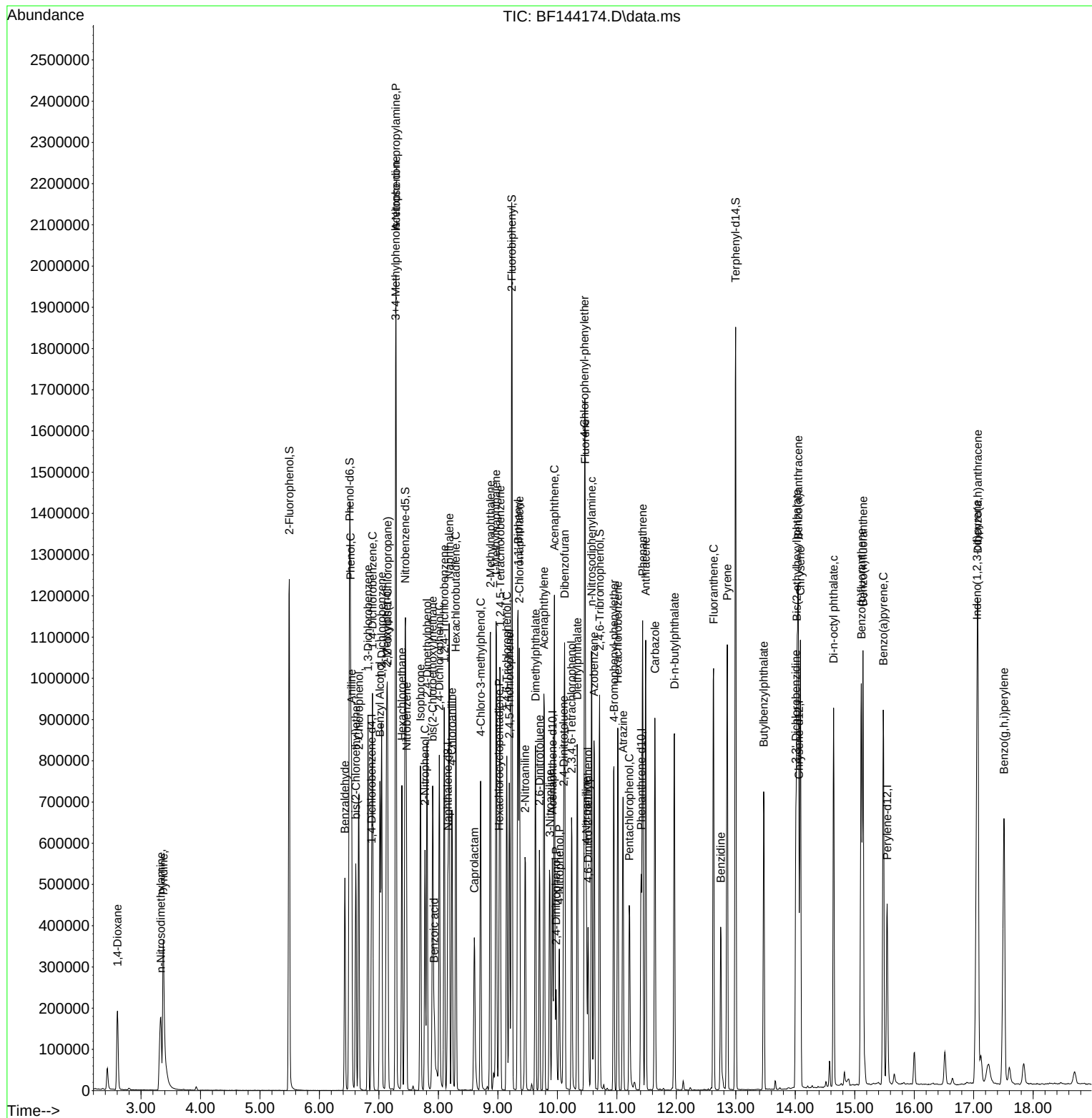
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186449	45.542	ng	100
46) 1,1'-Biphenyl	9.339	154	527437	44.371	ng	99
47) 2-Chloronaphthalene	9.363	162	454778	44.851	ng	99
48) 2-Nitroaniline	9.457	65	138845	47.458	ng	97
49) Acenaphthylene	9.775	152	613066	44.368	ng	99
50) Dimethylphthalate	9.633	163	497451	44.094	ng	100
51) 2,6-Dinitrotoluene	9.698	165	107091	46.892	ng	99
52) Acenaphthene	9.951	154	407187	44.067	ng	99
53) 3-Nitroaniline	9.875	138	112371	45.012	ng	99
54) 2,4-Dinitrophenol	9.981	184	56551	41.007	ng	97
55) Dibenzofuran	10.122	168	569268	43.989	ng	99
56) 4-Nitrophenol	10.033	139	78636	43.544	ng	98
57) 2,4-Dinitrotoluene	10.104	165	139501	45.629	ng	98
58) Fluorene	10.469	166	424429	43.136	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	134554	46.453	ng	98
60) Diethylphthalate	10.333	149	457569	43.997	ng	100
61) 4-Chlorophenyl-phenylether	10.457	204	242650	43.294	ng	96
62) 4-Nitroaniline	10.486	138	108312	45.557	ng	97
63) Azobenzene	10.616	77	423631	43.768	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	85232	44.204	ng	98
66) n-Nitrosodiphenylamine	10.575	169	409670	44.877	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161600	44.606	ng	99
68) Hexachlorobenzene	11.016	284	193574	45.364	ng	97
69) Atrazine	11.104	200	127465	43.906	ng	99
70) Pentachlorophenol	11.210	266	96941	45.622	ng	97
71) Phenanthrene	11.433	178	633088	44.800	ng	100
72) Anthracene	11.486	178	636448	44.292	ng	99
73) Carbazole	11.639	167	540957	44.273	ng	100
74) Di-n-butylphthalate	11.969	149	650810	44.060	ng	100
75) Fluoranthene	12.627	202	645856	44.244	ng	99
77) Benzidine	12.745	184	248615	43.243	ng	99
78) Pyrene	12.857	202	666673	42.540	ng	100
80) Butylbenzylphthalate	13.469	149	242259	44.602	ng	99
81) Benzo(a)anthracene	14.051	228	626599	46.515	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	214437	46.440	ng	97
83) Chrysene	14.086	228	565678	45.489	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	342489	46.061	ng	99
85) Di-n-octyl phthalate	14.645	149	616644	48.068	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	867786	45.642	ng	99
88) Benzo(b)fluoranthene	15.110	252	663728	44.079	ng	99
89) Benzo(k)fluoranthene	15.139	252	661746	46.952	ng	98
90) Benzo(a)pyrene	15.480	252	637370	45.882	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	688620	45.098	ng	98
92) Benzo(g,h,i)perylene	17.509	276	680830	45.152	ng	99

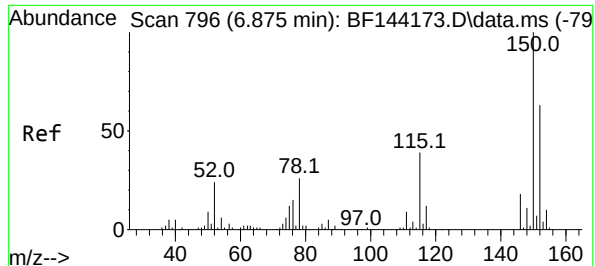
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF144174.D  
Acq On    : 05 Nov 2025  15:49  
Operator  : RC/JU  
Sample    : SSTDICC050  
Misc      :  
ALS Vial  : 8    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC050

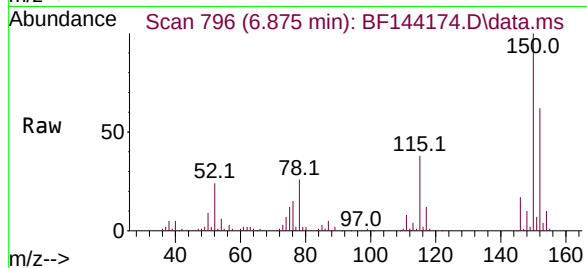
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QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



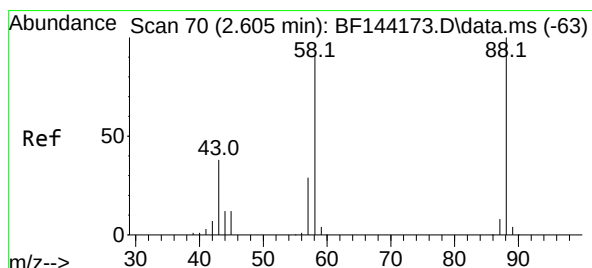
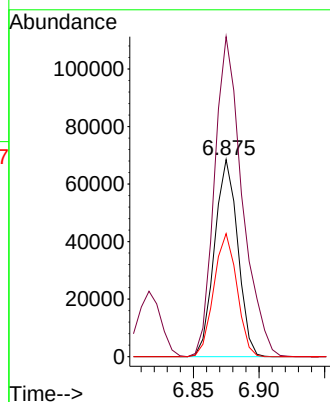
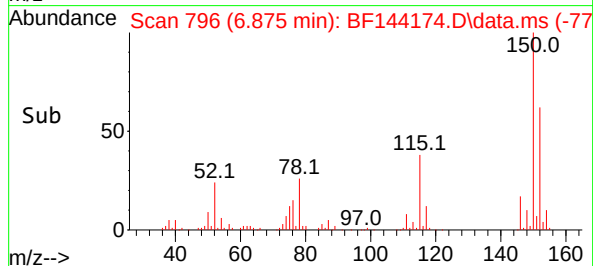


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

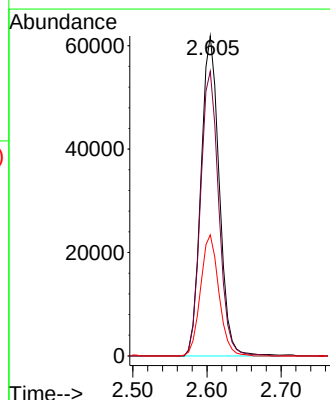
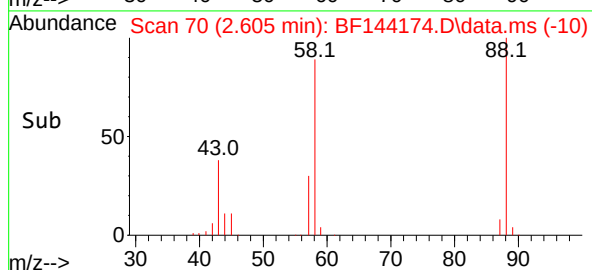
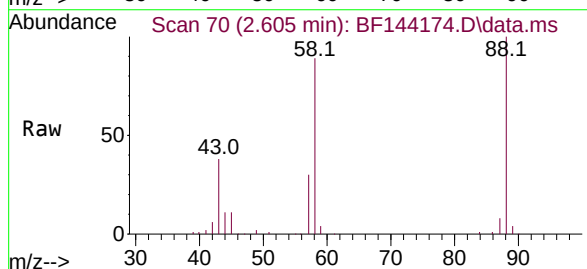


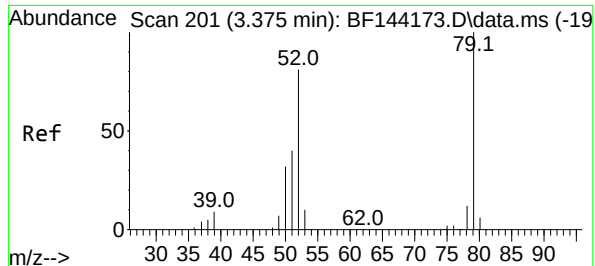
Tgt Ion:152 Resp: 84549
Ion Ratio Lower Upper
152 100
150 162.4 127.4 191.0
115 62.4 49.5 74.3



#2
1,4-Dioxane
Concen: 47.358 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 88 Resp: 105785
Ion Ratio Lower Upper
88 100
58 88.5 73.1 109.7
43 38.0 31.0 46.6

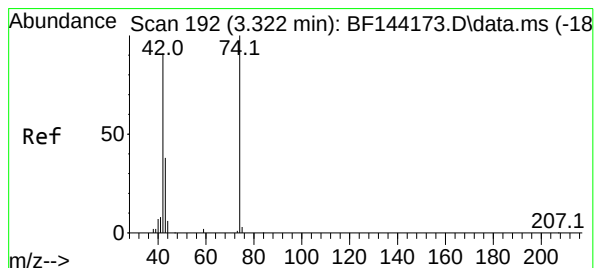
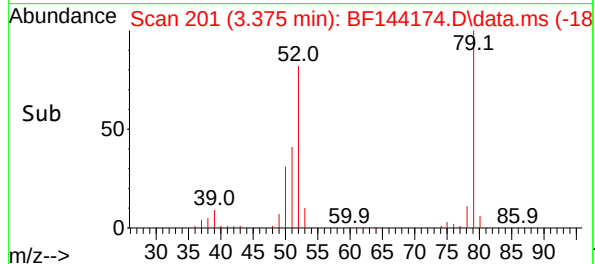
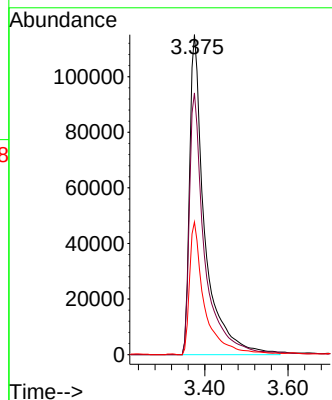
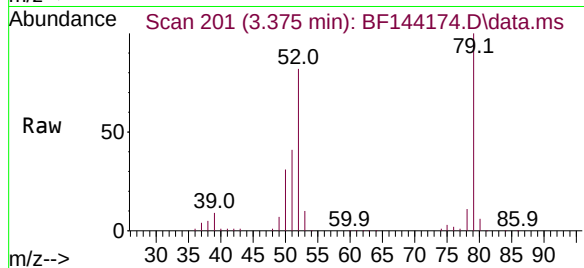




#3
Pyridine
Concen: 46.746 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

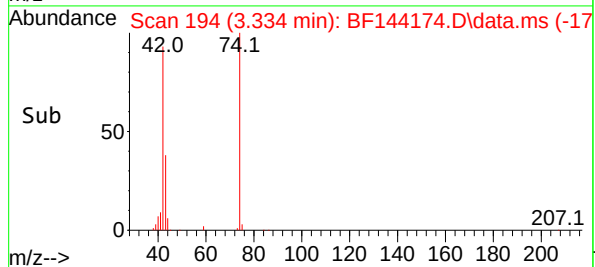
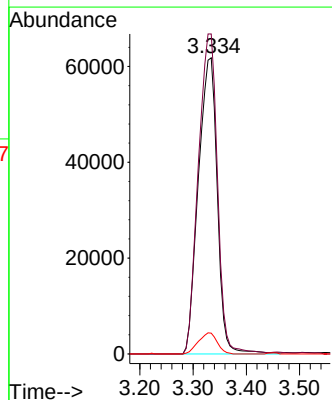
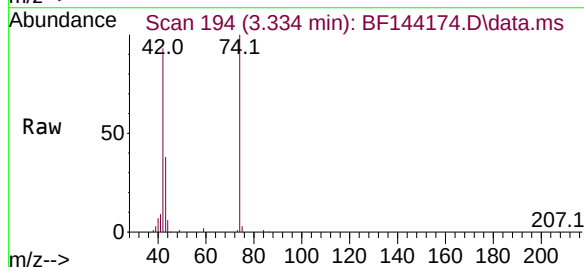
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

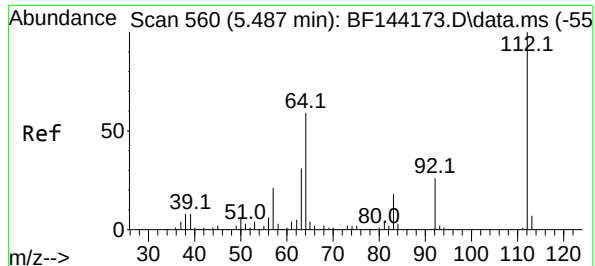
Tgt Ion: 79 Resp: 291313
Ion Ratio Lower Upper
79 100
52 81.8 64.5 96.7
51 41.4 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 46.930 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 42 Resp: 152767
Ion Ratio Lower Upper
42 100
74 108.1 88.2 132.4
44 7.0 5.7 8.5



#5
2-Fluorophenol

Concen: 90.538 ng

RT: 5.493 min Scan# 561

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

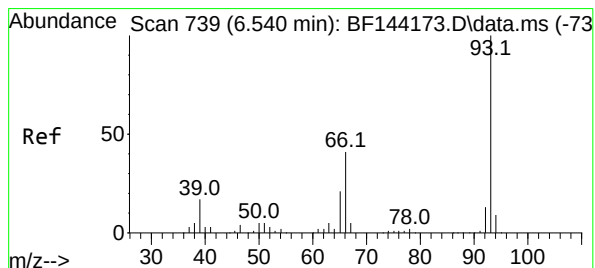
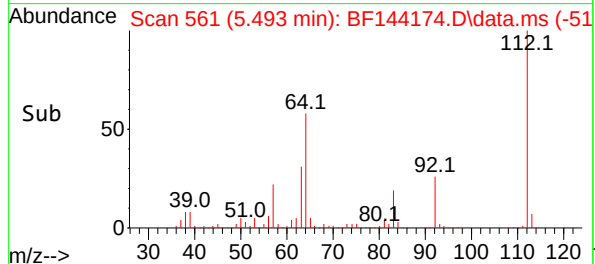
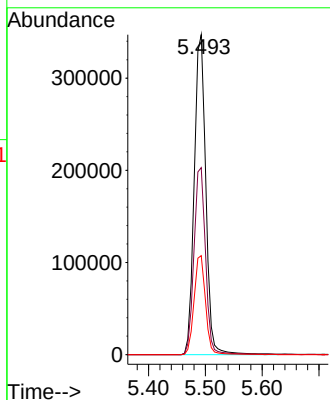
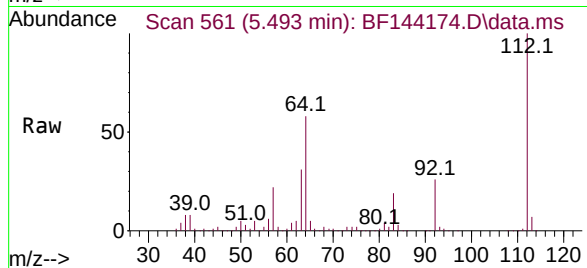
Tgt Ion:112 Resp: 489170

Ion Ratio Lower Upper

112 100

64 58.4 47.2 70.8

63 30.9 24.4 36.6



#6

Aniline

Concen: 44.605 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

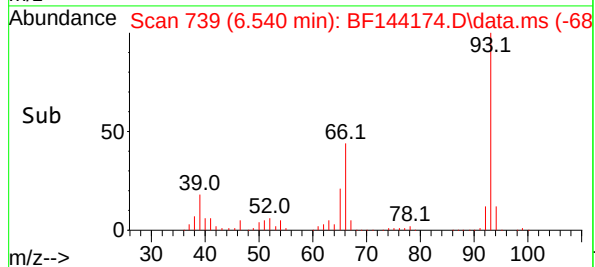
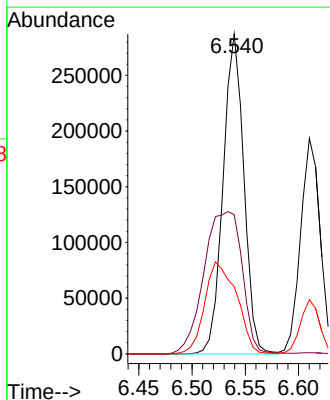
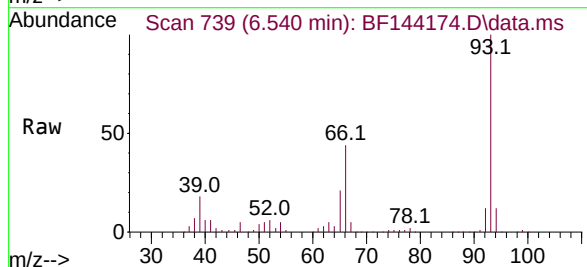
Tgt Ion: 93 Resp: 389058

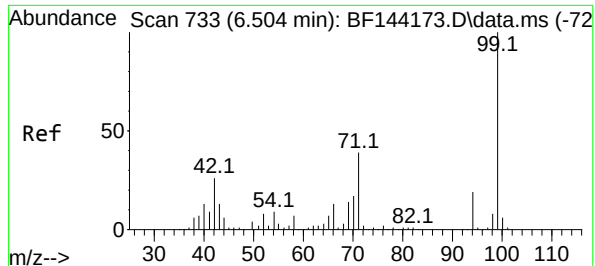
Ion Ratio Lower Upper

93 100

66 43.5 34.3 51.5

65 21.0 16.9 25.3

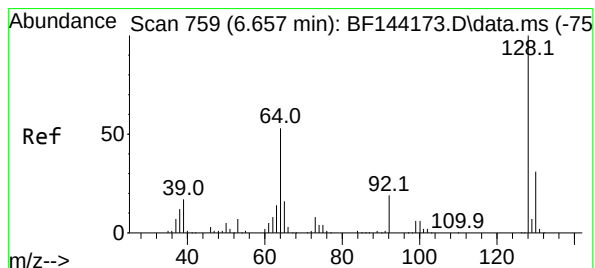
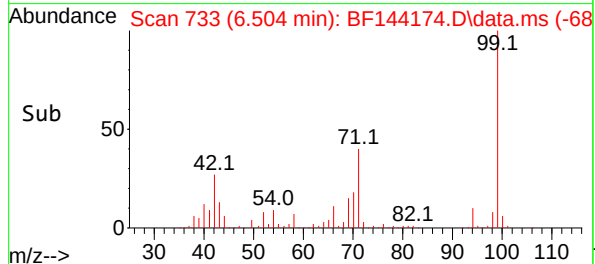
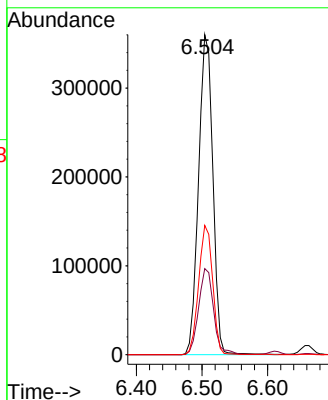
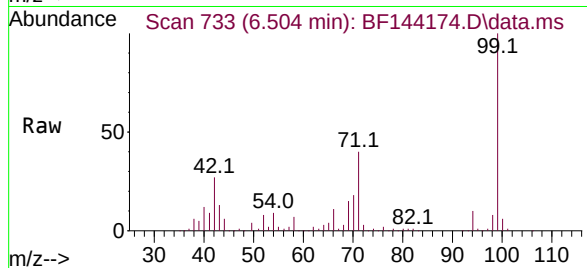




#7
Phenol-d6
Concen: 88.447 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

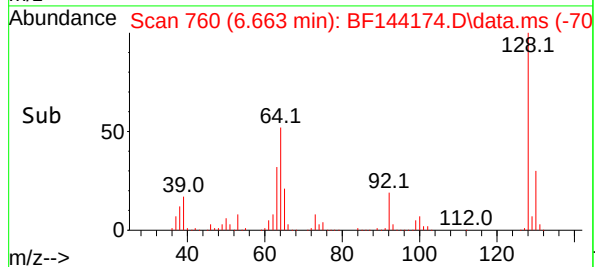
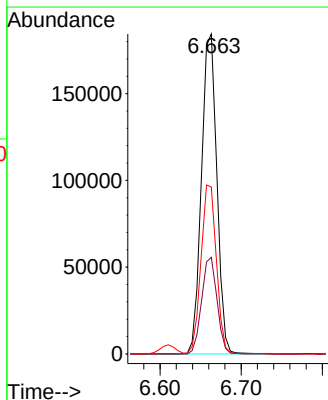
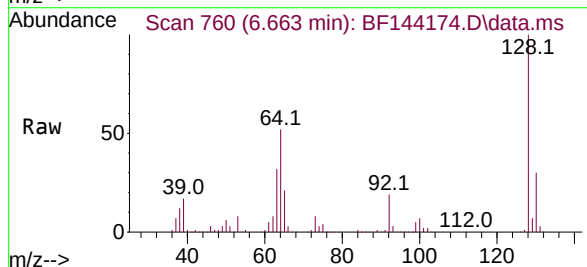
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

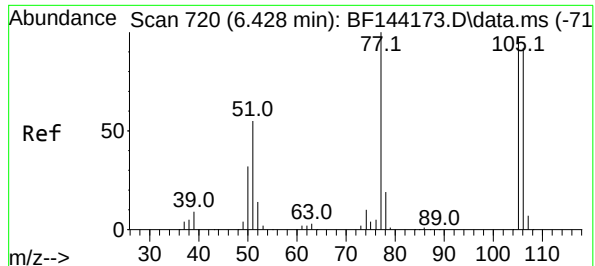
Tgt Ion: 99 Resp: 541465
Ion Ratio Lower Upper
99 100
42 26.9 20.9 31.3
71 40.4 31.4 47.2



#8
2-Chlorophenol
Concen: 45.950 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 128 Resp: 243472
Ion Ratio Lower Upper
128 100
130 30.2 10.5 50.5
64 52.1 33.2 73.2





#9

Benzaldehyde

Concen: 41.062 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

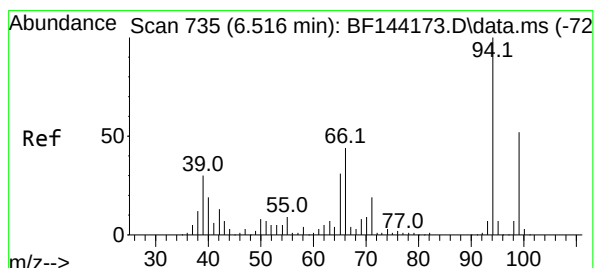
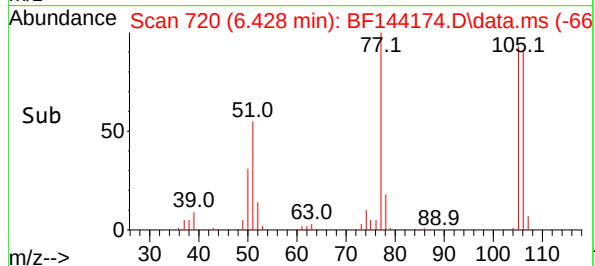
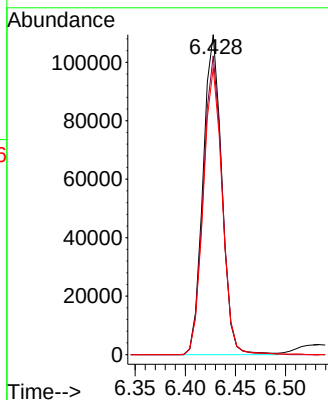
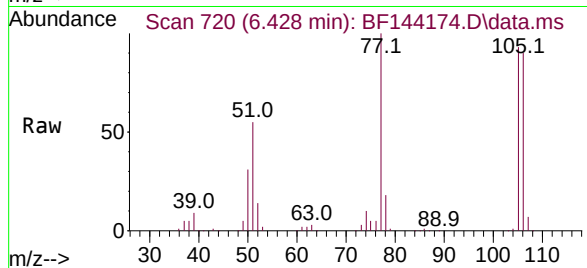
Tgt Ion: 77 Resp: 141949

Ion Ratio Lower Upper

77 100

105 93.4 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 44.146 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

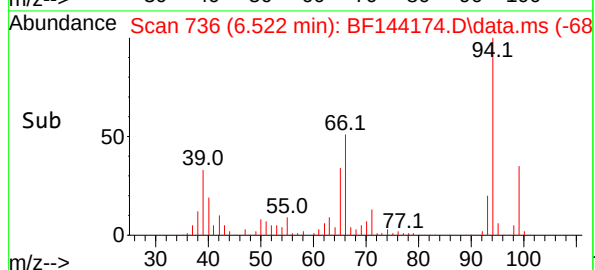
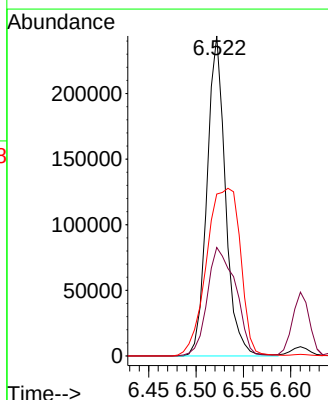
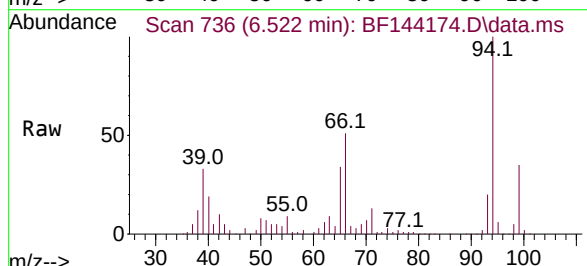
Tgt Ion: 94 Resp: 330203

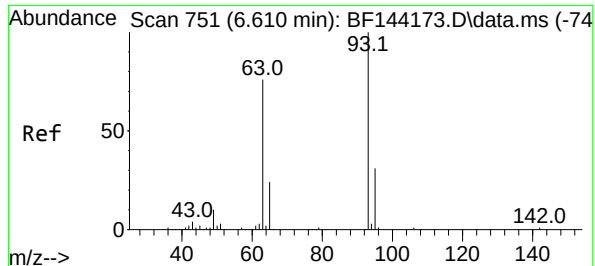
Ion Ratio Lower Upper

94 100

65 33.9 10.8 50.8

66 50.6 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 44.798 ng

RT: 6.610 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

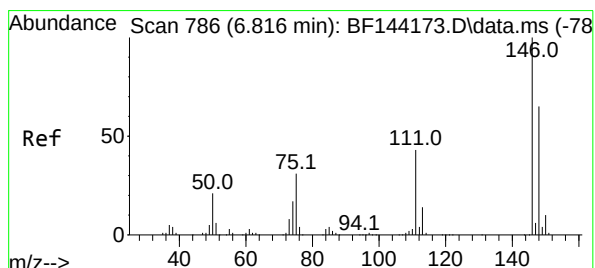
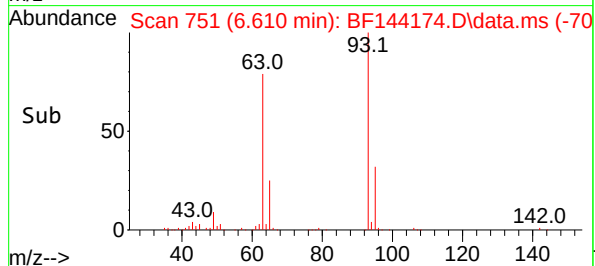
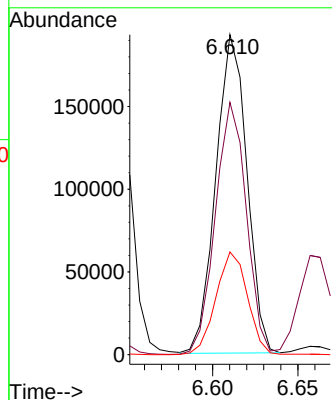
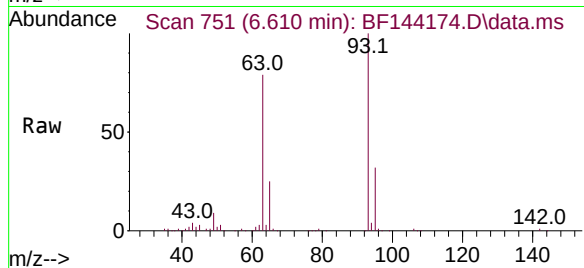
Tgt Ion: 93 Resp: 244159

Ion	Ratio	Lower	Upper

93	100		

63	78.8	55.2	95.2

95	32.1	11.2	51.2



#12

1,3-Dichlorobenzene

Concen: 45.164 ng

RT: 6.816 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

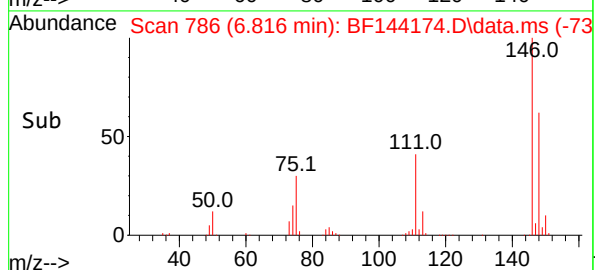
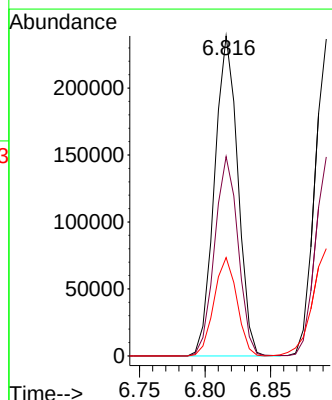
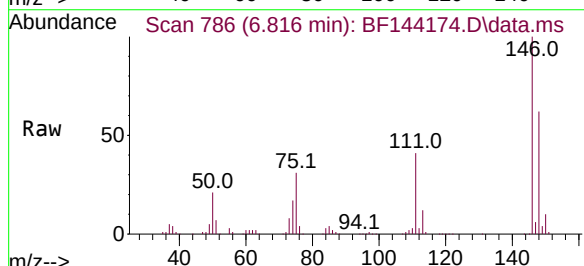
Tgt Ion:146 Resp: 295294

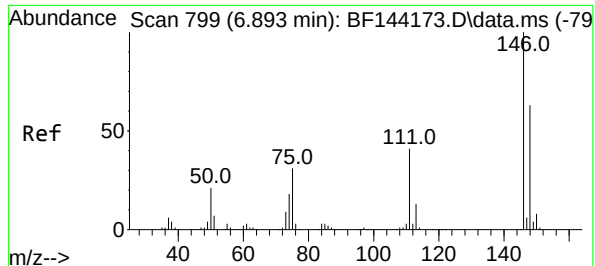
Ion	Ratio	Lower	Upper

146	100		

148	62.3	51.8	77.8

75	30.7	25.0	37.4





#13

1,4-Dichlorobenzene

Concen: 44.277 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

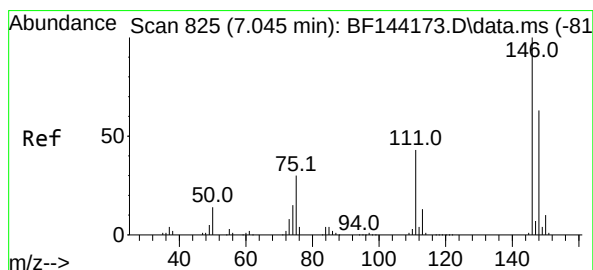
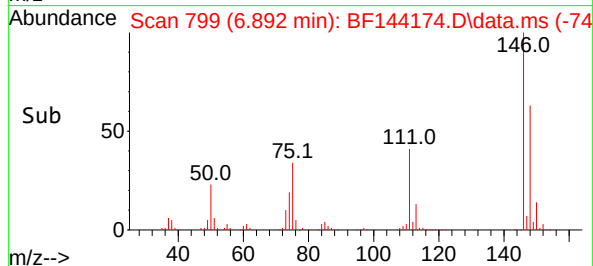
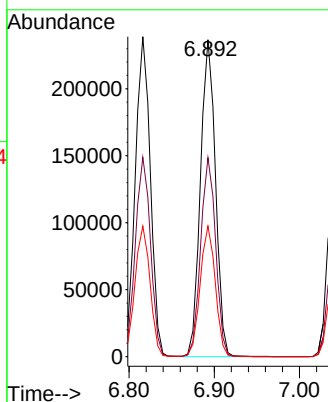
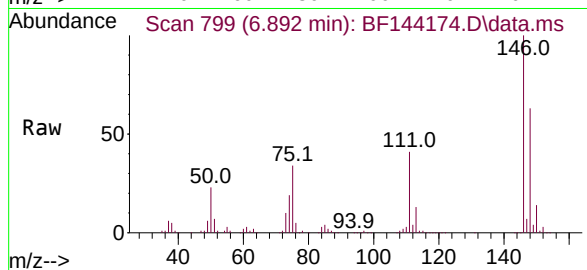
Tgt Ion:146 Resp: 290027

Ion Ratio Lower Upper

146 100

148 62.8 50.2 75.2

111 41.2 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 44.609 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

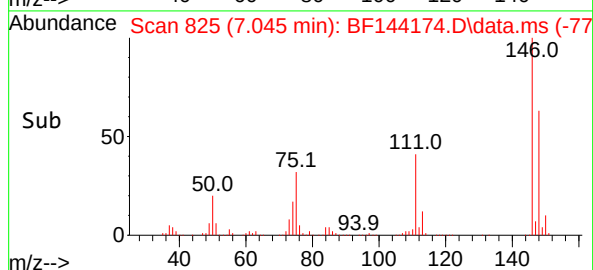
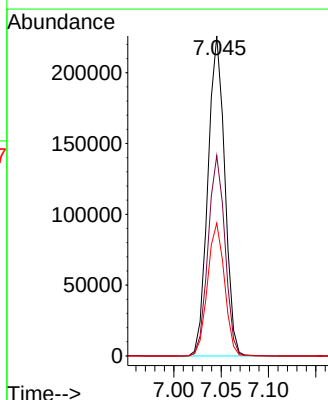
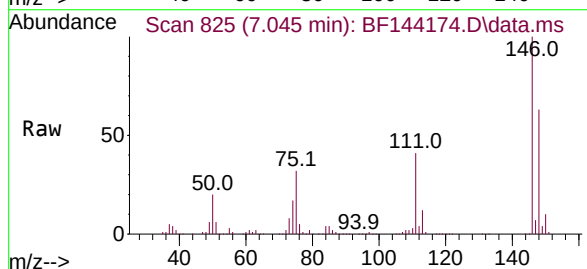
Tgt Ion:146 Resp: 280070

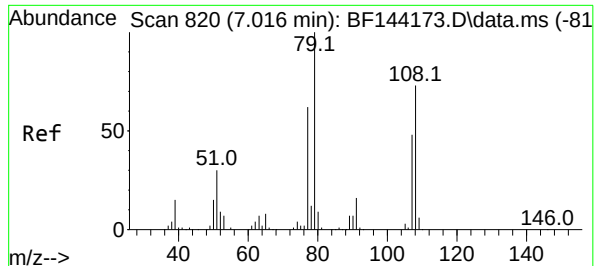
Ion Ratio Lower Upper

146 100

148 62.6 50.7 76.1

111 41.5 34.2 51.4

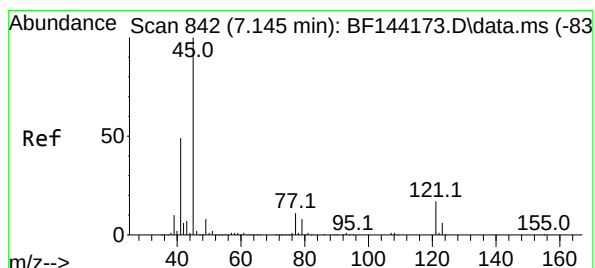
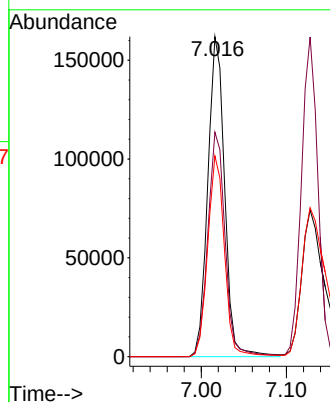
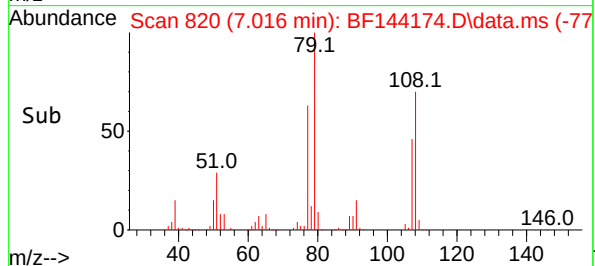
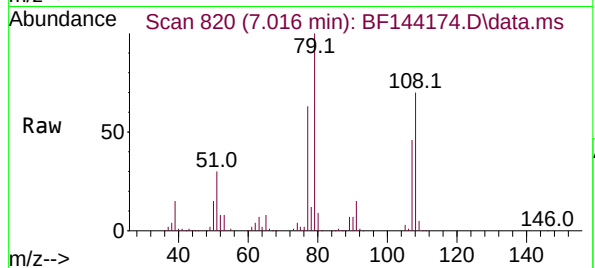




#15
Benzyl Alcohol
Concen: 45.762 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

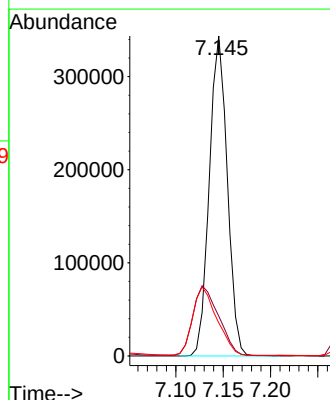
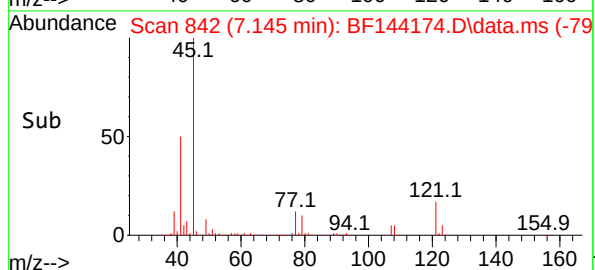
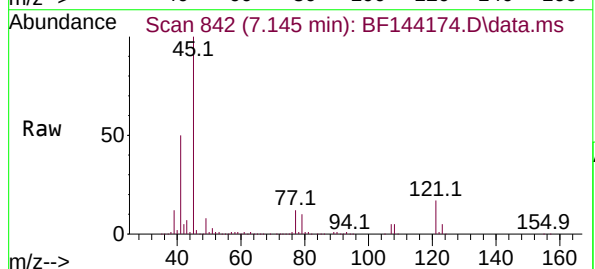
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

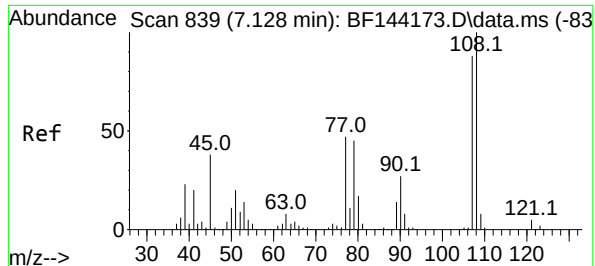
Tgt Ion: 79 Resp: 221836
Ion Ratio Lower Upper
79 100
108 70.1 58.2 87.4
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.212 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 45 Resp: 453774
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.8
79 10.3 0.0 29.1

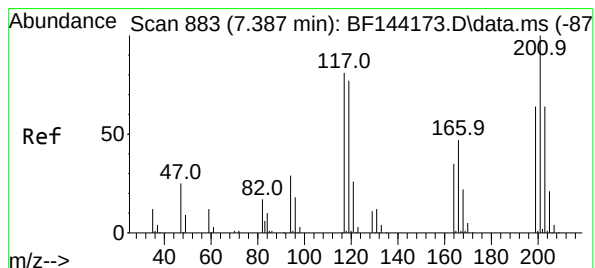
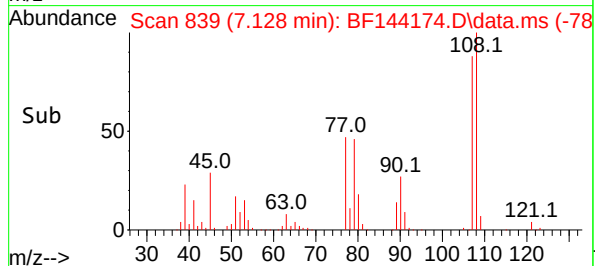
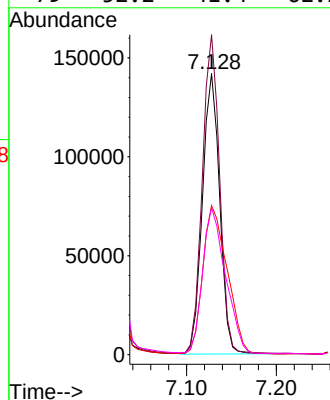
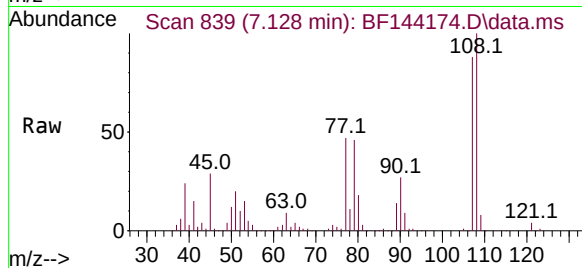




#17
2-Methylphenol
Concen: 44.899 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

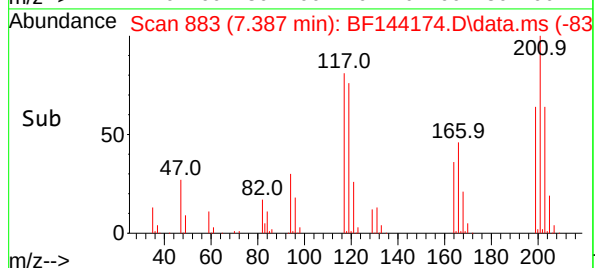
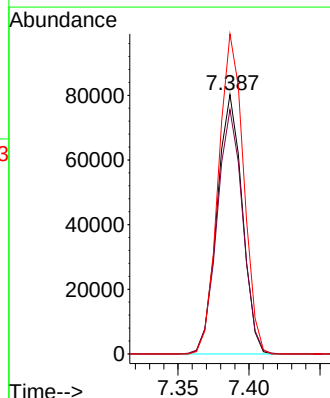
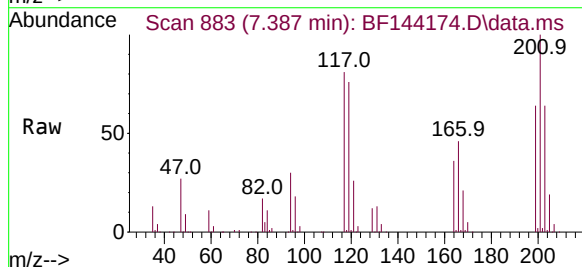
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

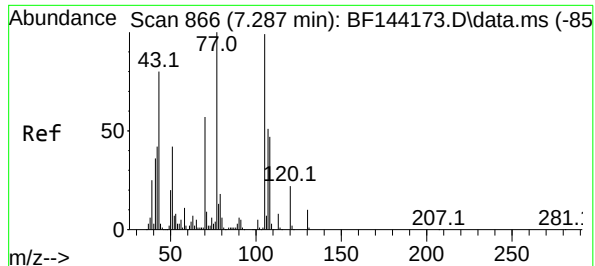
Tgt Ion:	107	Resp:	189260
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.0	136.4
77	53.1	42.7	64.1
79	52.2	41.4	62.2



#18
Hexachloroethane
Concen: 45.346 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:	117	Resp:	98682
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
201	123.4	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.657 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 171911

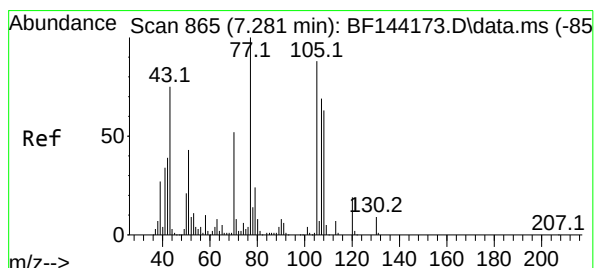
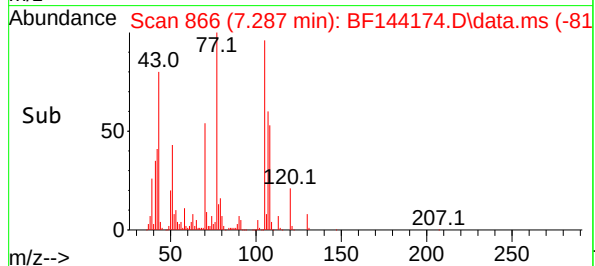
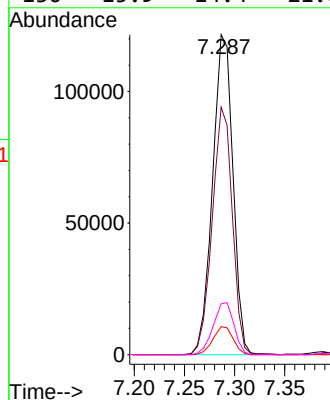
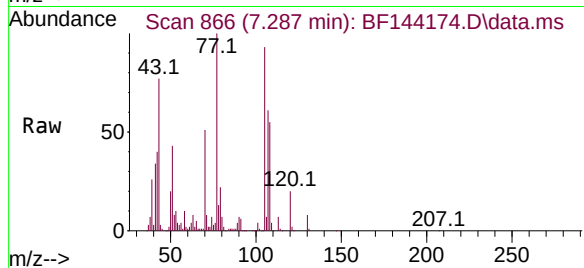
Ion Ratio Lower Upper

70 100

42 77.3 58.3 87.5

101 8.7 7.0 10.6

130 15.9 14.4 21.6



#20

3+4-Methylphenols

Concen: 43.819 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion: 107 Resp: 217734

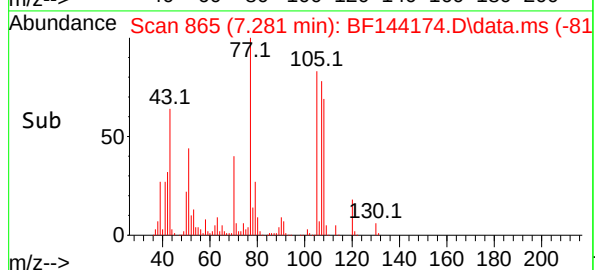
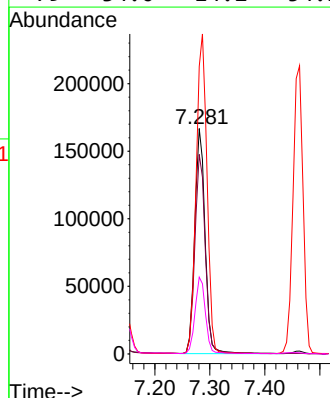
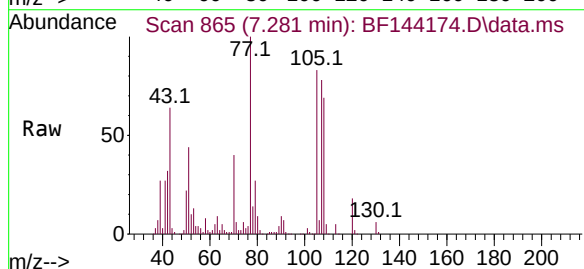
Ion Ratio Lower Upper

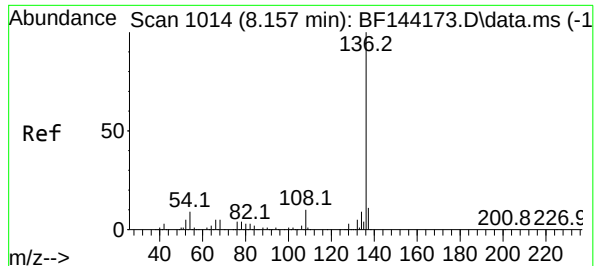
107 100

108 88.5 70.2 110.2

77 127.5 123.9 163.9

79 34.0 14.2 54.2

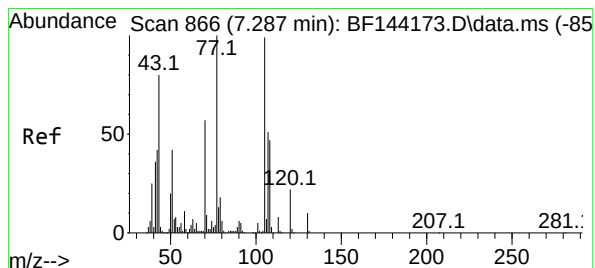
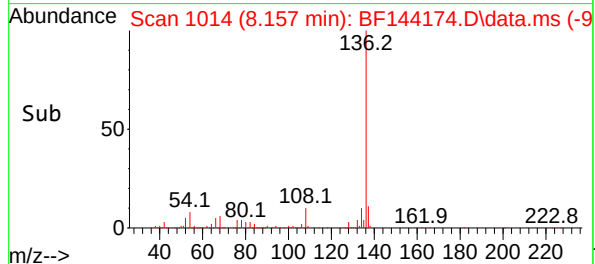
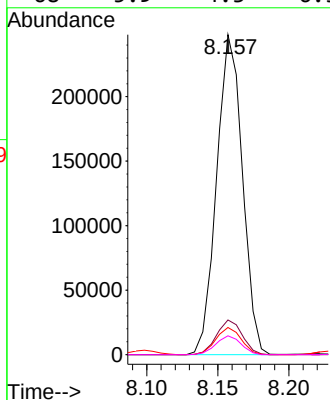
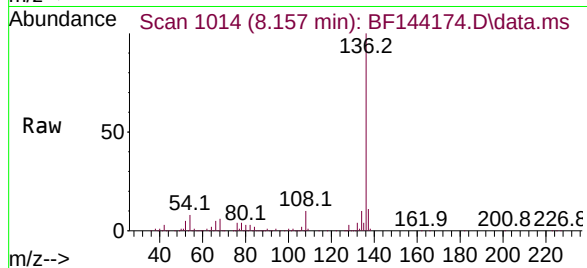




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

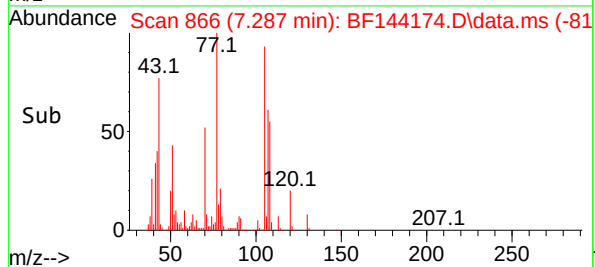
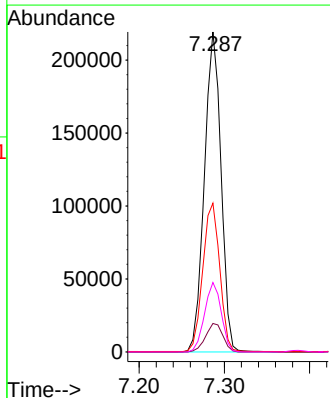
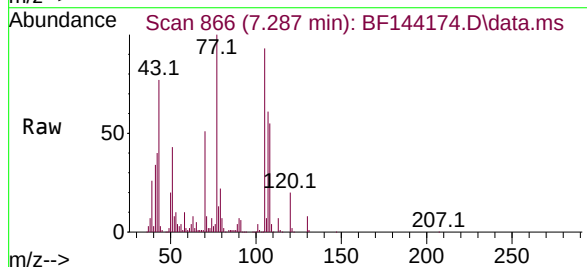
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

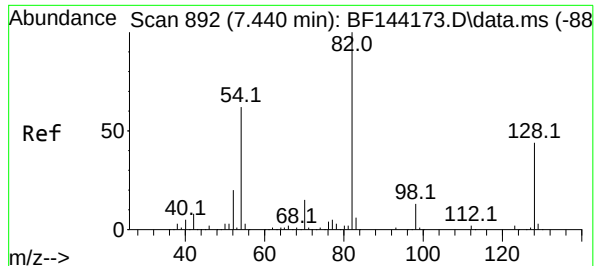
Tgt Ion:	136	Resp:	313425
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.5	7.0	10.6
68	5.9	4.3	6.5



#22
Acetophenone
Concen: 44.230 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:	105	Resp:	297391
Ion Ratio	Lower	Upper	
105	100		
71	8.9	7.2	10.8
51	46.5	34.0	51.0
120	21.7	17.8	26.6





#23

Nitrobenzene-d5

Concen: 92.595 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

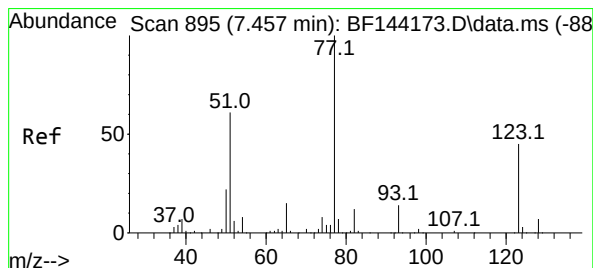
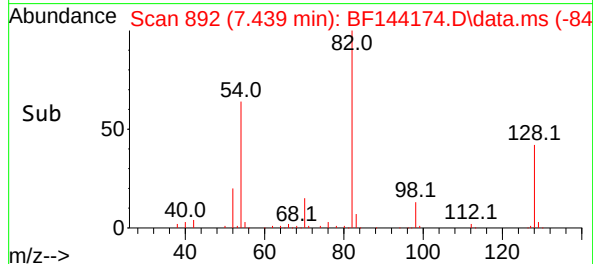
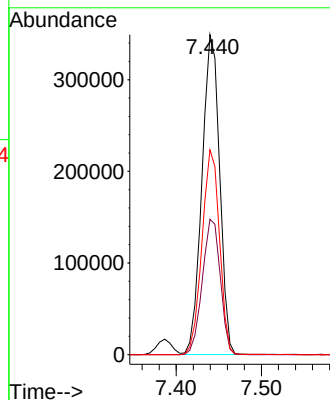
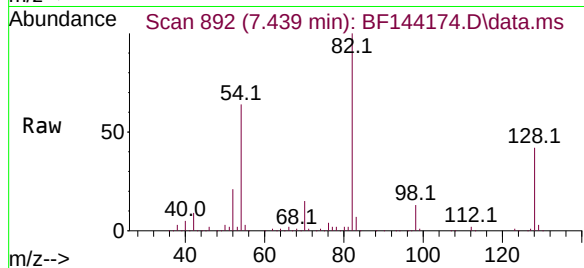
Tgt Ion: 82 Resp: 502493

Ion Ratio Lower Upper

82 100

128 42.3 34.7 52.1

54 64.0 49.5 74.3



#24

Nitrobenzene

Concen: 45.541 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

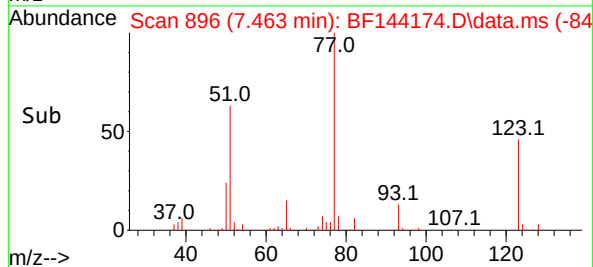
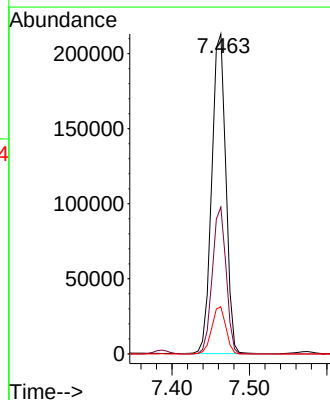
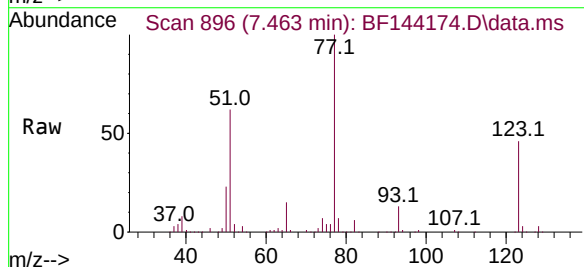
Tgt Ion: 77 Resp: 268336

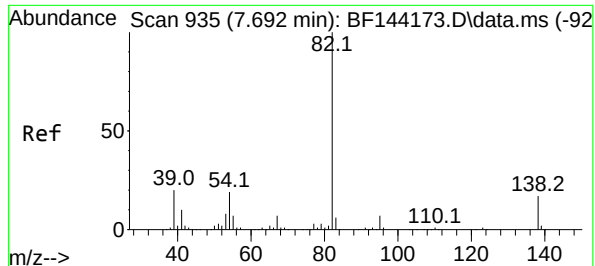
Ion Ratio Lower Upper

77 100

123 45.9 35.8 53.8

65 14.7 12.2 18.2





#25

Isophorone

Concen: 44.376 ng

RT: 7.698 min Scan# 936

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

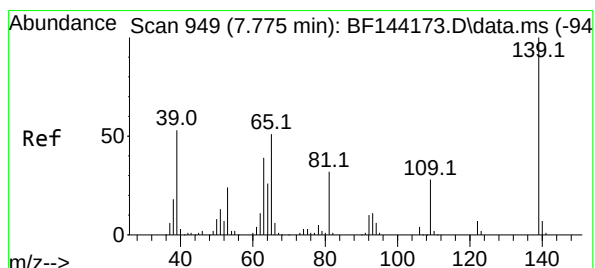
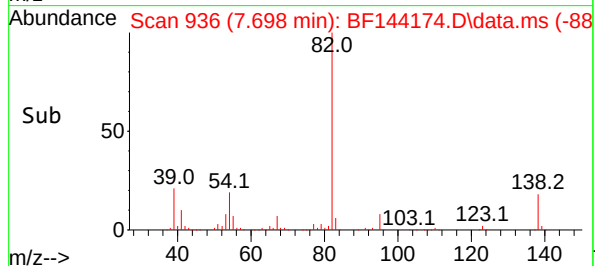
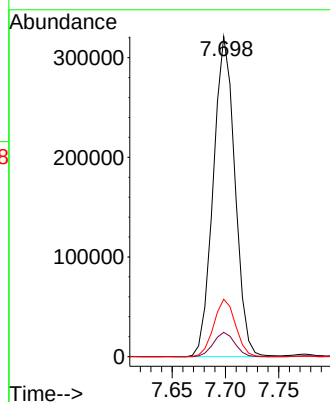
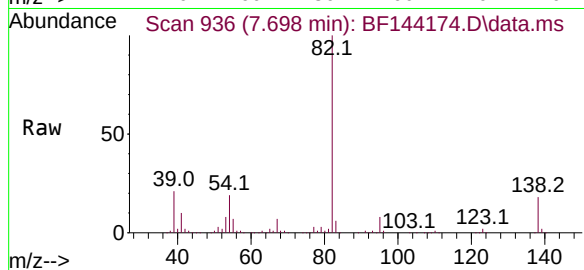
Tgt Ion: 82 Resp: 455511

Ion Ratio Lower Upper

82 100

95 7.6 5.5 8.3

138 17.9 13.7 20.5



#26

2-Nitrophenol

Concen: 46.747 ng

RT: 7.775 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

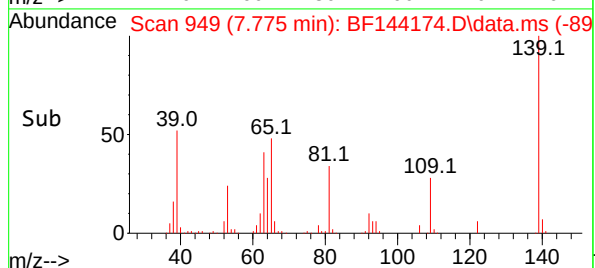
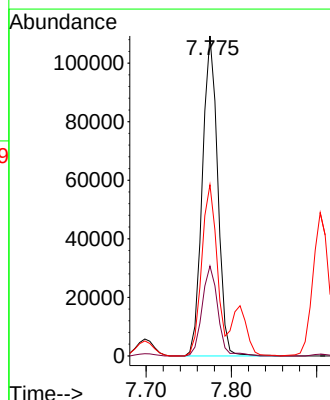
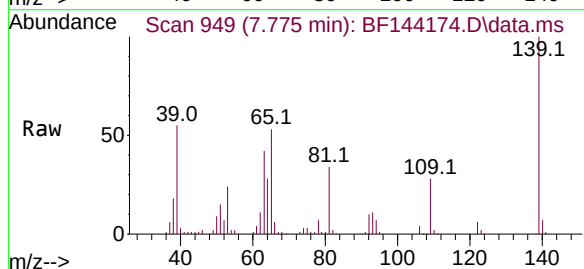
Tgt Ion:139 Resp: 136351

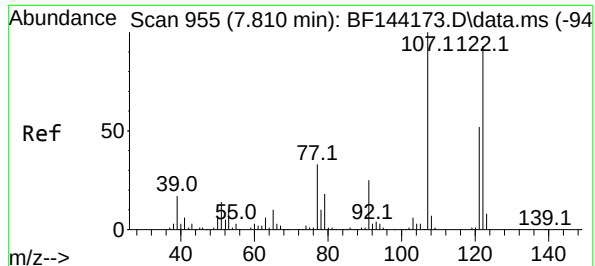
Ion Ratio Lower Upper

139 100

109 28.1 22.2 33.2

65 53.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 46.681 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

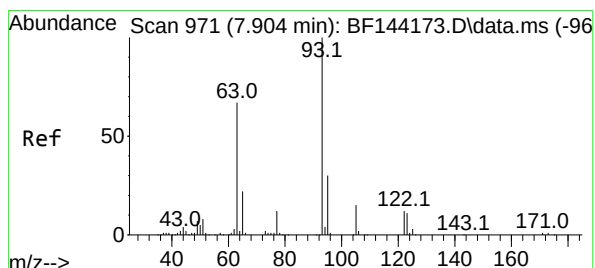
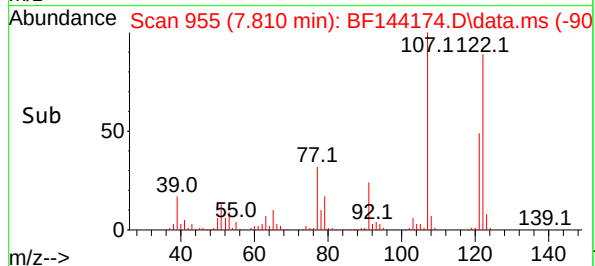
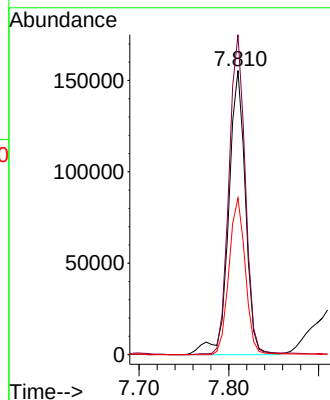
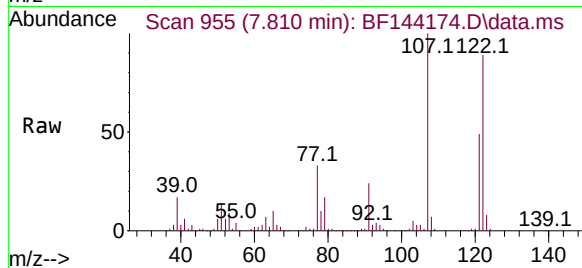
Tgt Ion:122 Resp: 204079

Ion Ratio Lower Upper

122 100

107 112.6 86.2 129.4

121 55.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 45.429 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

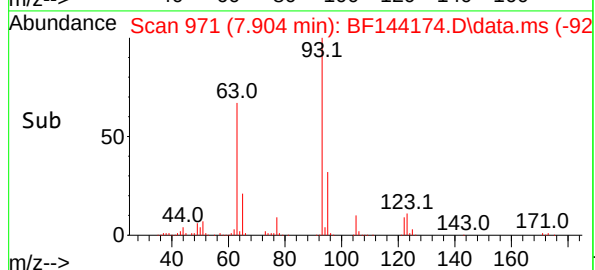
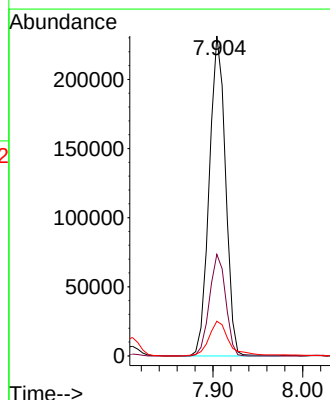
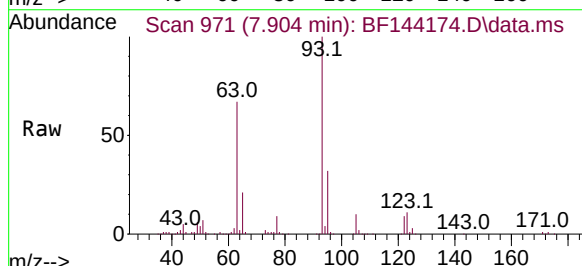
Tgt Ion: 93 Resp: 291202

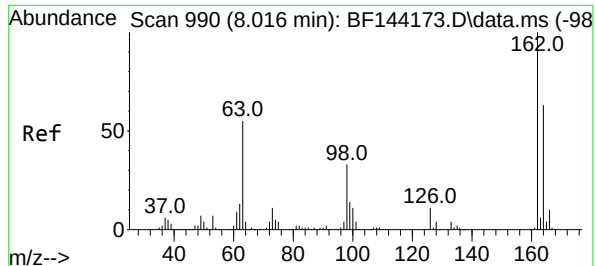
Ion Ratio Lower Upper

93 100

95 31.7 24.2 36.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.001 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

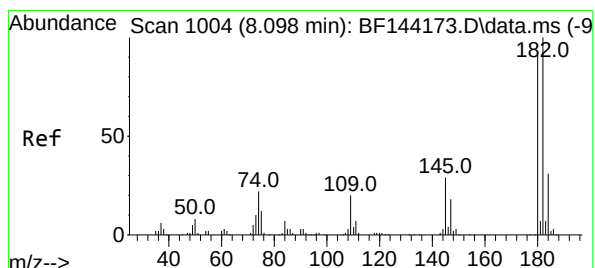
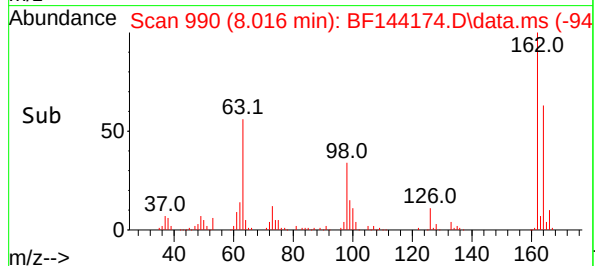
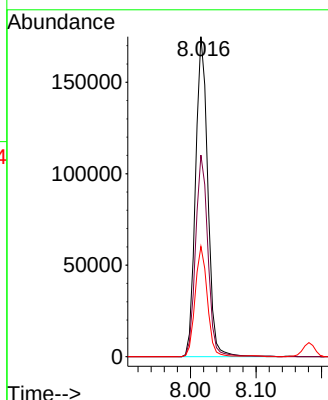
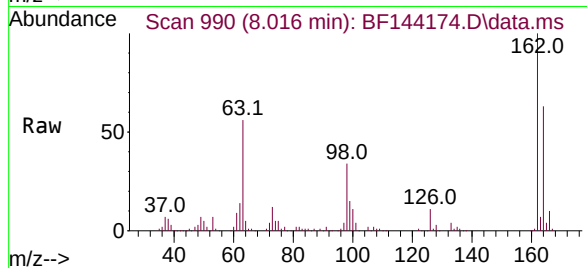
Tgt Ion:162 Resp: 226748

Ion Ratio Lower Upper

162 100

164 63.0 42.9 82.9

98 34.4 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 44.838 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

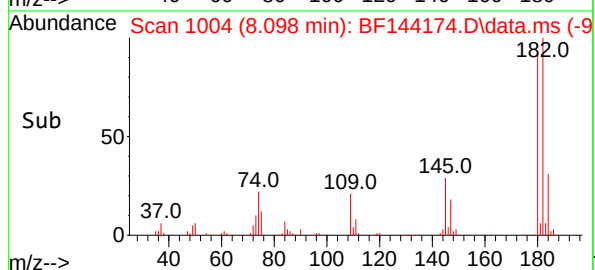
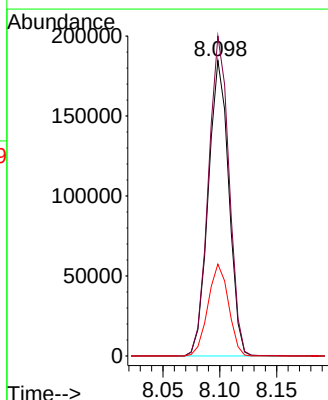
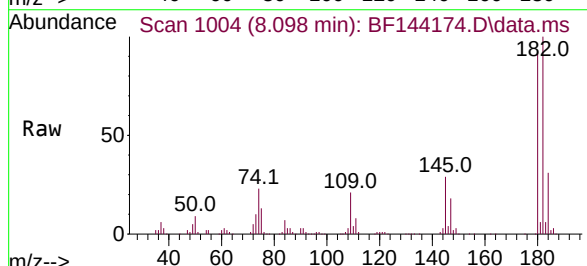
Tgt Ion:180 Resp: 231992

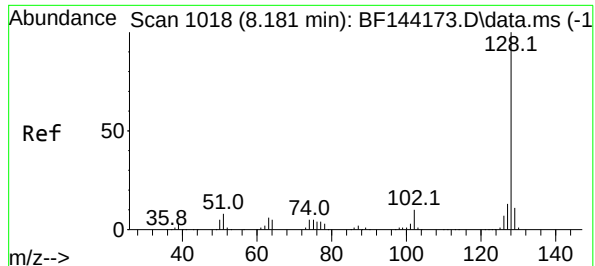
Ion Ratio Lower Upper

180 100

182 108.3 87.7 131.5

145 31.1 25.4 38.0

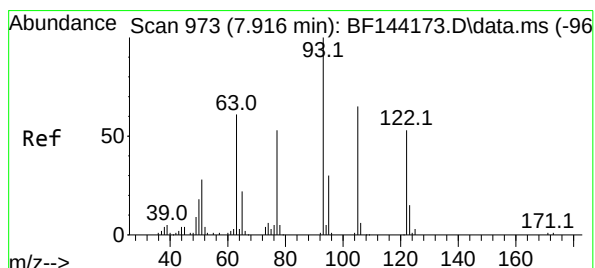
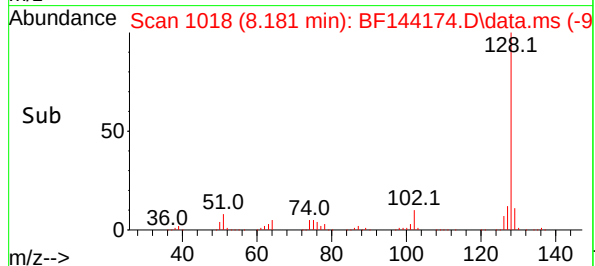
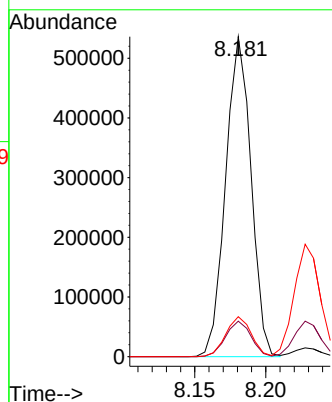
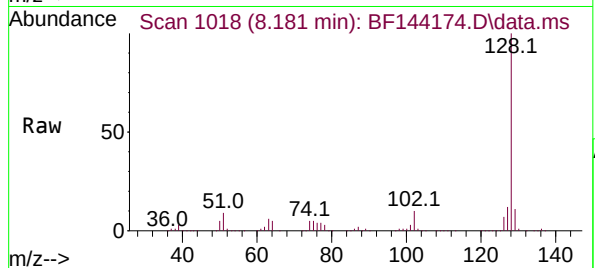




#31
Naphthalene
Concen: 44.658 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

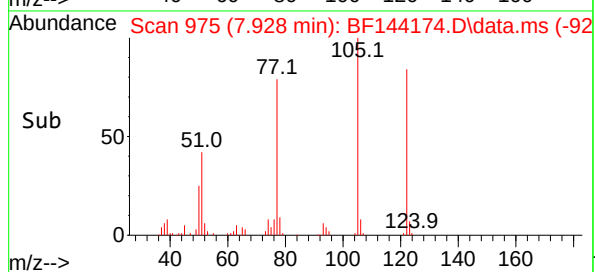
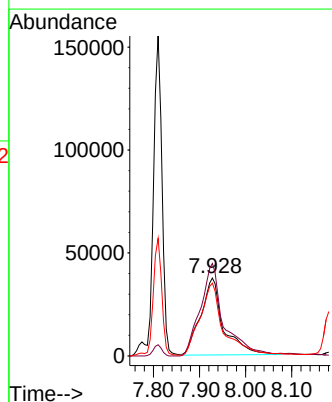
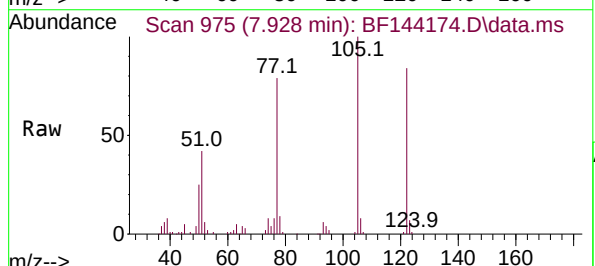
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

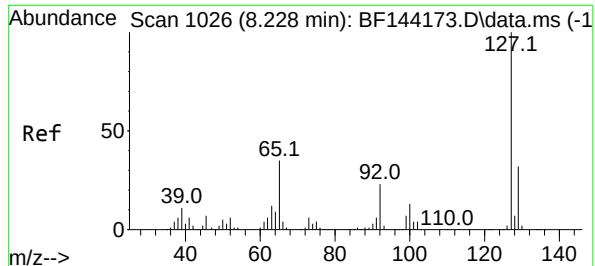
Tgt Ion:128 Resp: 665821
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 40.359 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.023 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:122 Resp: 129332
Ion Ratio Lower Upper
122 100
105 118.8 99.9 139.9
77 93.6 77.5 117.5





#33

4-Chloroaniline

Concen: 44.496 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:127 Resp: 241956

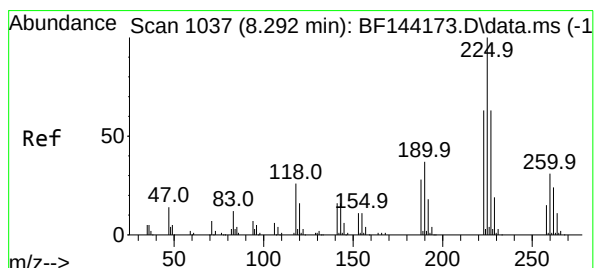
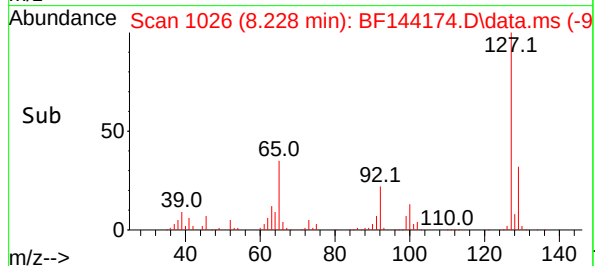
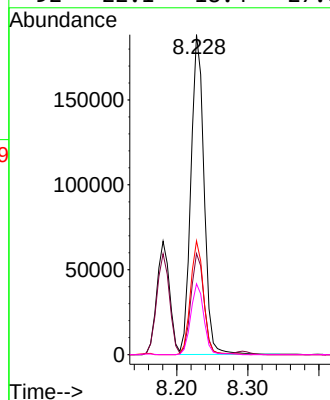
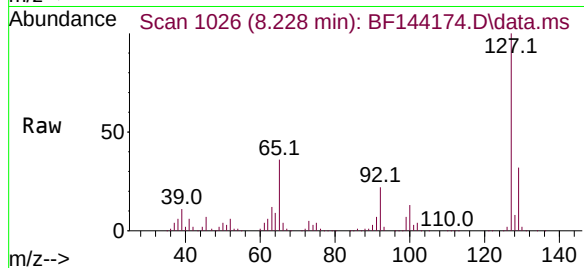
Ion Ratio Lower Upper

127 100

129 31.6 25.3 37.9

65 35.5 27.6 41.4

92 22.1 18.4 27.6



#34

Hexachlorobutadiene

Concen: 46.562 ng

RT: 8.292 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

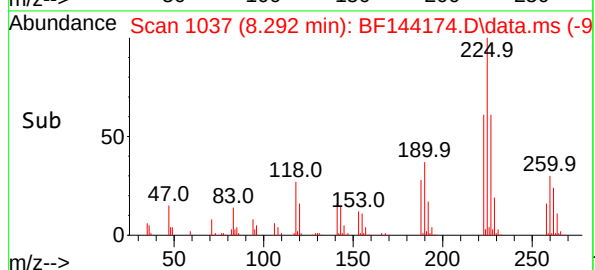
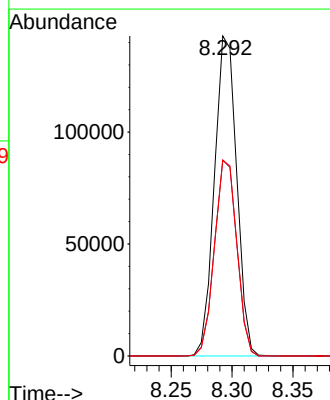
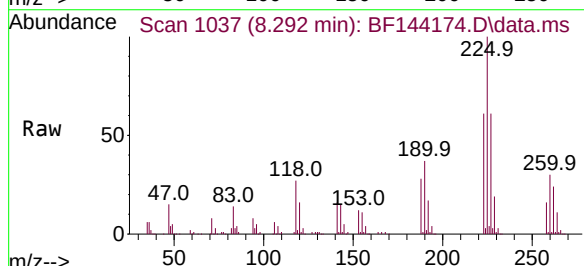
Tgt Ion:225 Resp: 181564

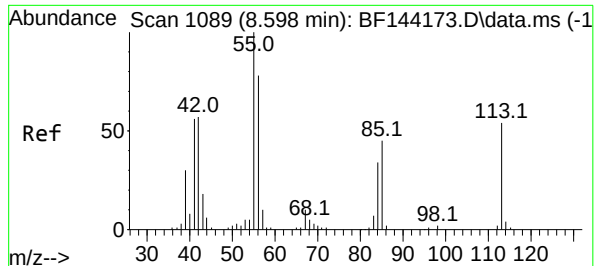
Ion Ratio Lower Upper

225 100

223 61.1 50.2 75.4

227 61.2 50.1 75.1

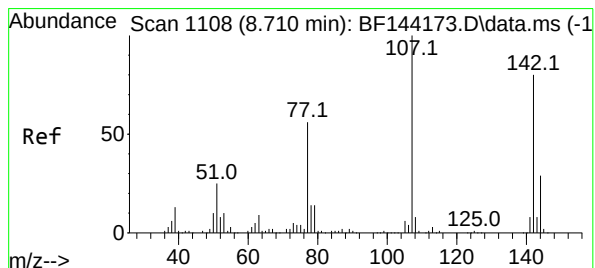
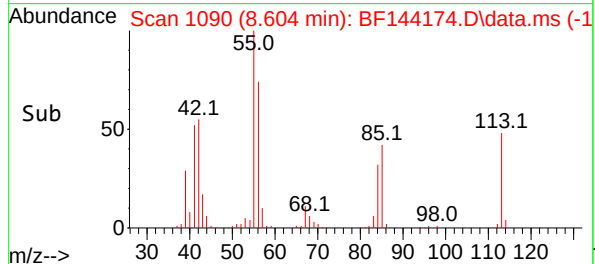
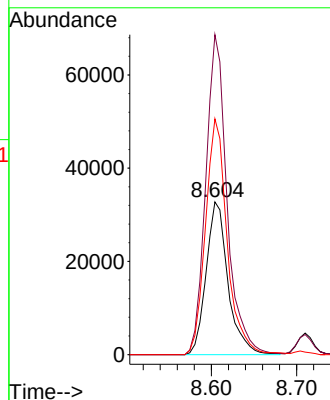
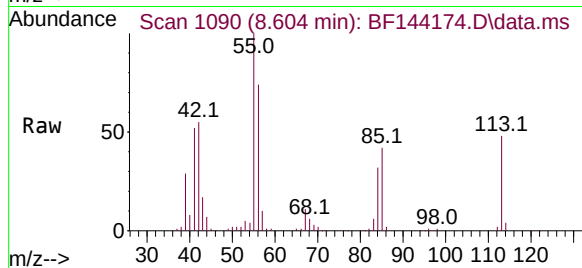




#35
Caprolactam
Concen: 42.327 ng
RT: 8.604 min Scan# 1089
Delta R.T. -0.018 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

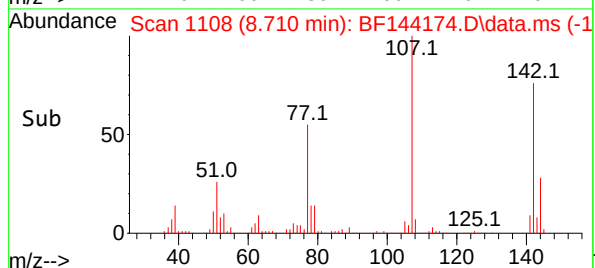
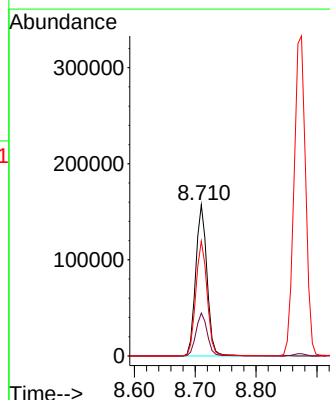
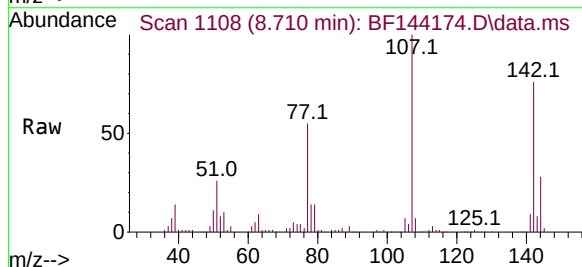
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

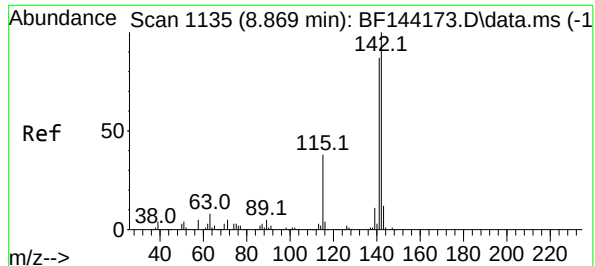
Tgt Ion	Ratio	Lower	Upper
113	100		
55	209.4	166.8	206.8#
56	154.3	125.9	165.9



#36
4-Chloro-3-methylphenol
Concen: 44.930 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	23.3	34.9
142	75.9	63.8	95.6





#37

2-Methylnaphthalene

Concen: 43.979 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

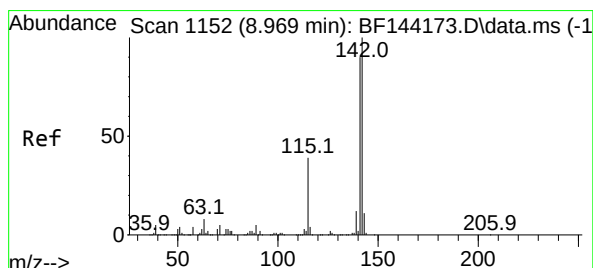
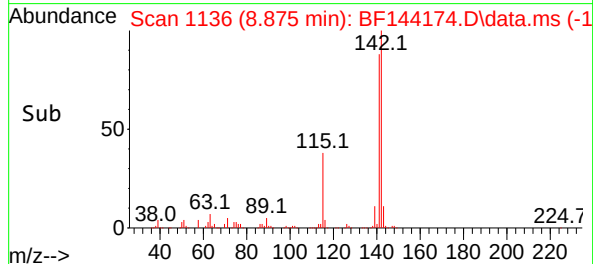
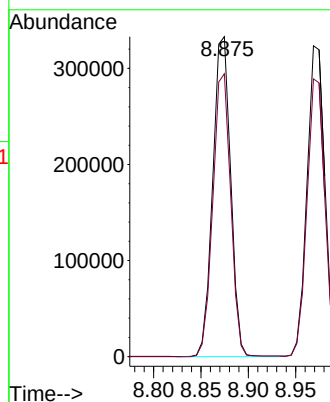
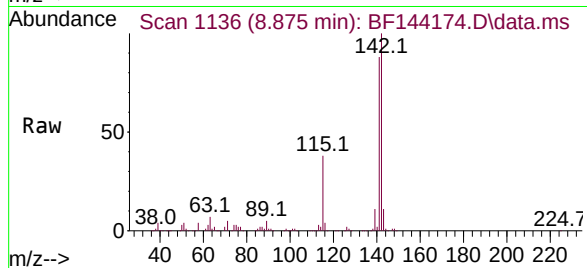
SSTDICC050

Tgt Ion:142 Resp: 438395

Ion Ratio Lower Upper

142 100

141 88.4 69.9 104.9



#38

1-Methylnaphthalene

Concen: 43.644 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144174.D

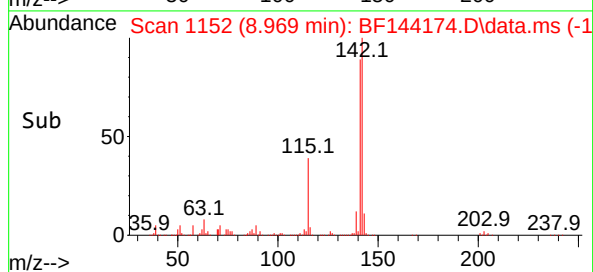
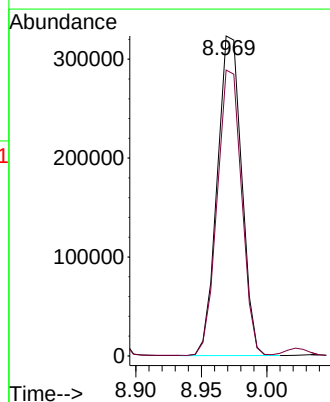
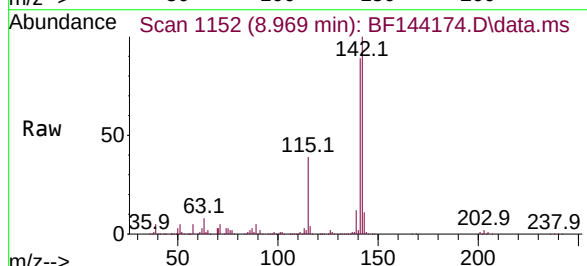
Acq: 05 Nov 2025 15:49

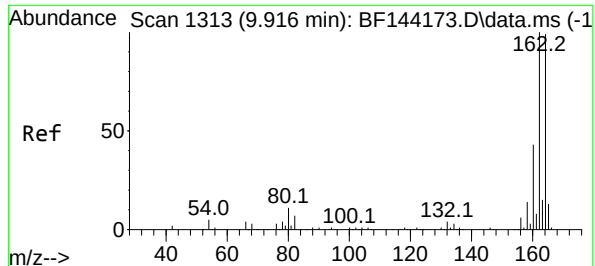
Tgt Ion:142 Resp: 419784

Ion Ratio Lower Upper

142 100

141 89.3 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

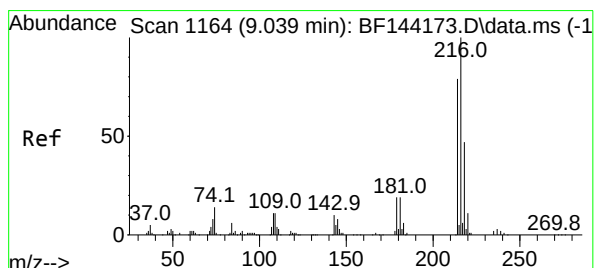
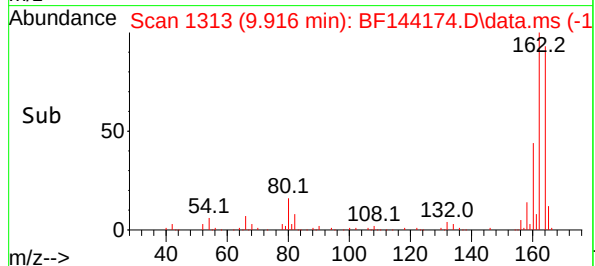
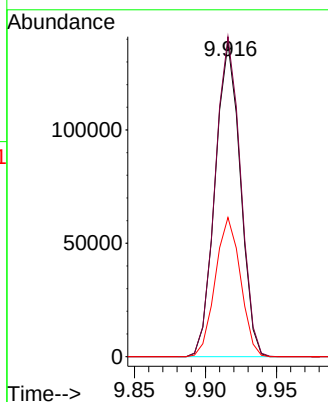
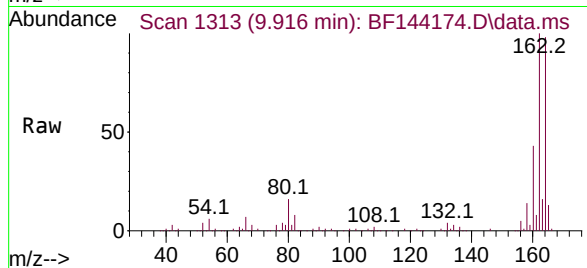
Tgt Ion:164 Resp: 170294

Ion Ratio Lower Upper

164 100

162 102.1 81.1 121.7

160 44.4 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.832 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:216 Resp: 250210

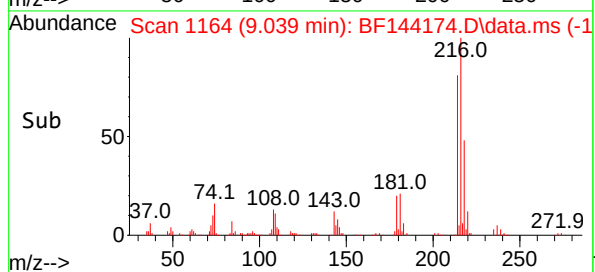
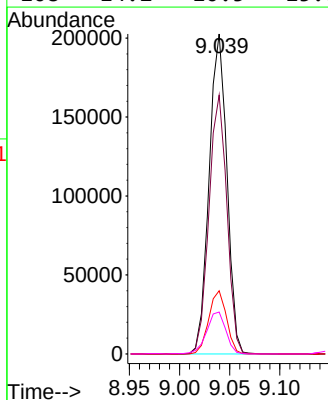
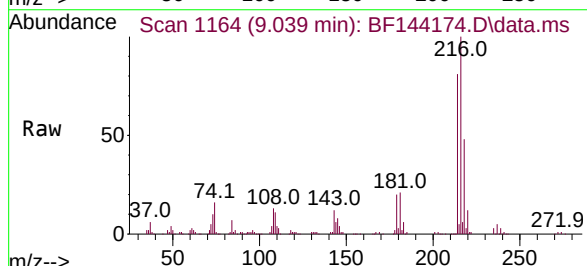
Ion Ratio Lower Upper

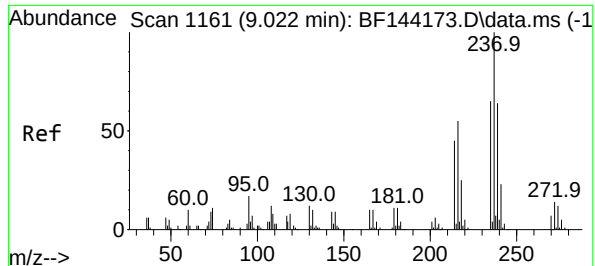
216 100

214 81.3 63.4 95.2

179 19.6 15.0 22.4

108 14.2 10.5 15.7

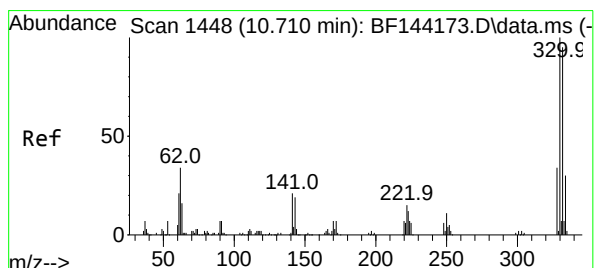
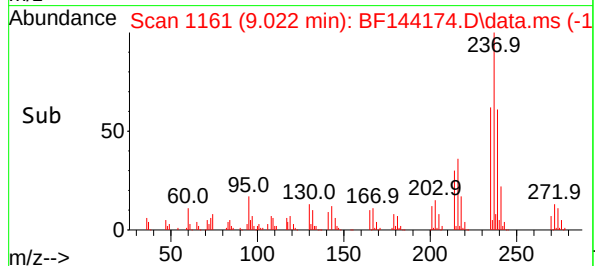
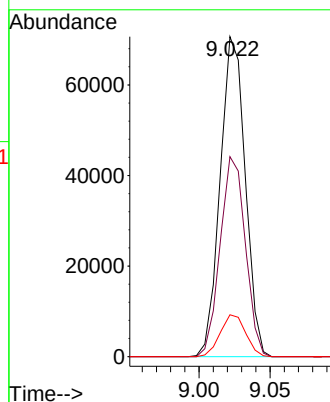
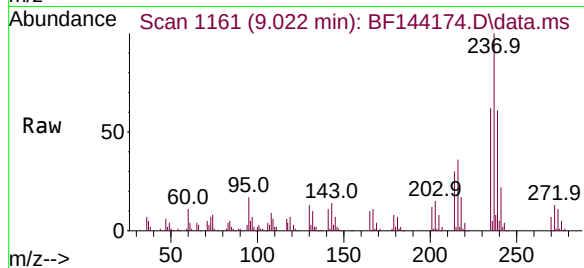




#41
Hexachlorocyclopentadiene
Concen: 48.007 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

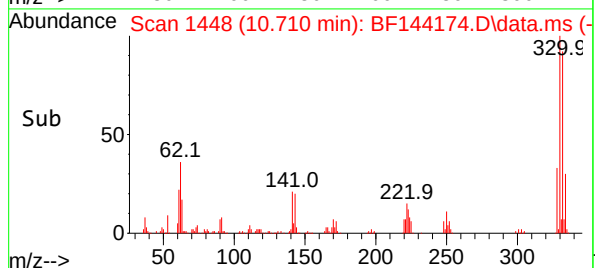
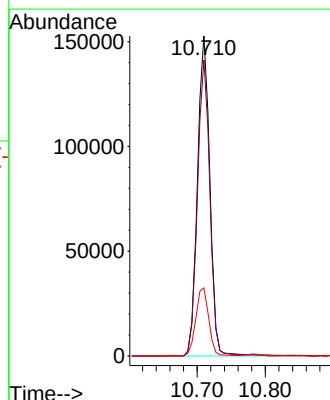
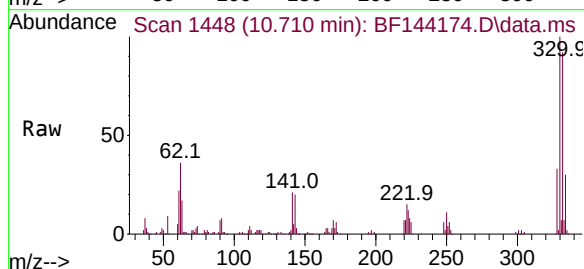
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

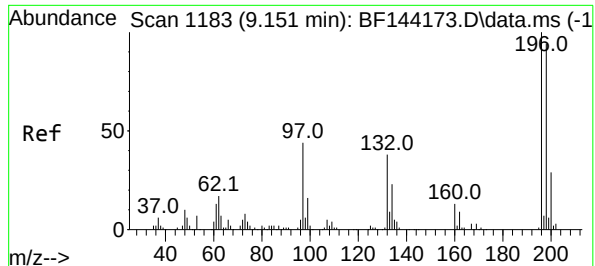
Tgt Ion:237 Resp: 86860
Ion Ratio Lower Upper
237 100
235 62.5 45.5 85.5
272 13.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 90.275 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:330 Resp: 192917
Ion Ratio Lower Upper
330 100
332 93.0 76.7 115.1
141 22.2 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 45.813 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

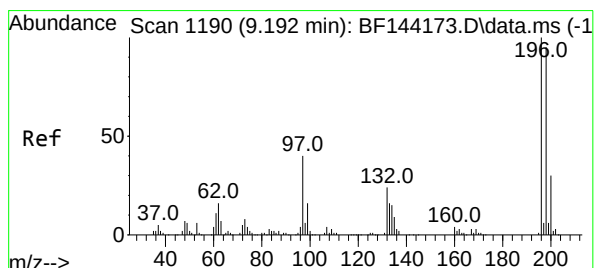
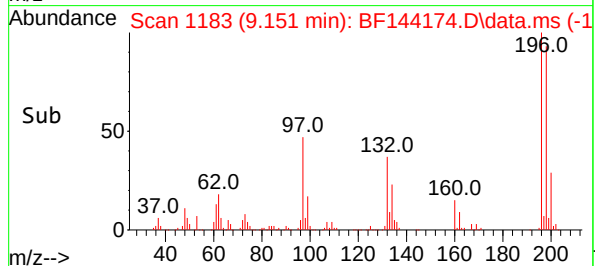
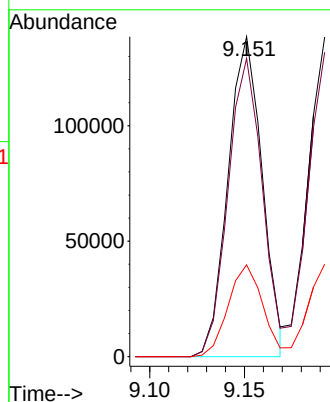
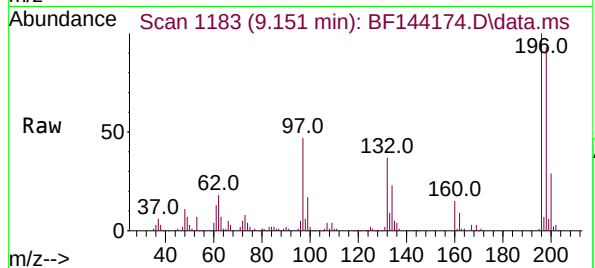
Tgt Ion:196 Resp: 174024

Ion Ratio Lower Upper

196 100

198 93.2 75.3 112.9

200 28.7 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 45.542 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Tgt Ion:196 Resp: 186449

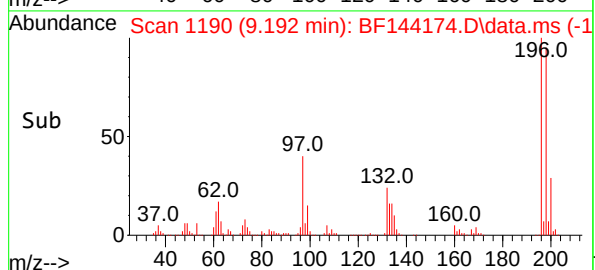
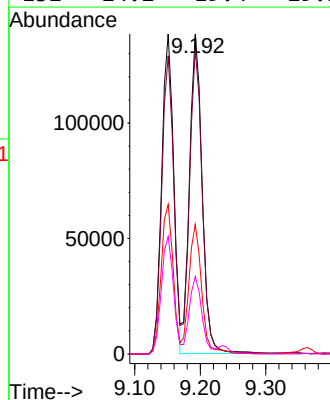
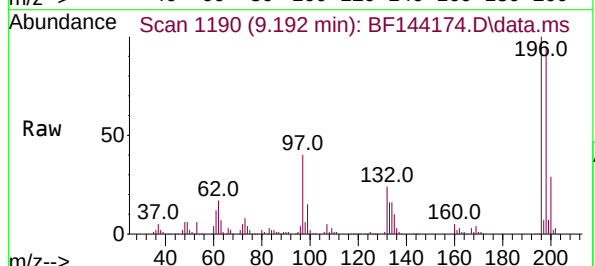
Ion Ratio Lower Upper

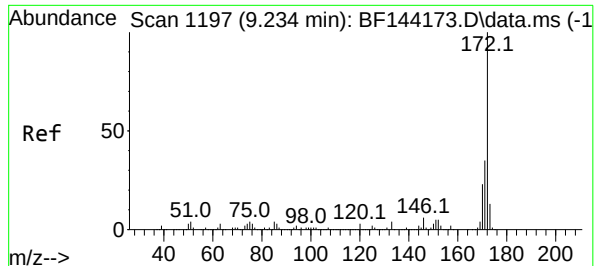
196 100

198 95.2 76.1 114.1

97 40.5 31.9 47.9

132 24.2 19.4 29.2

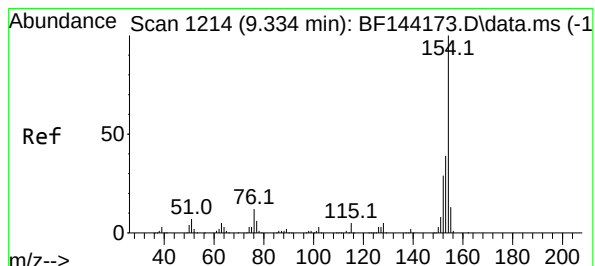
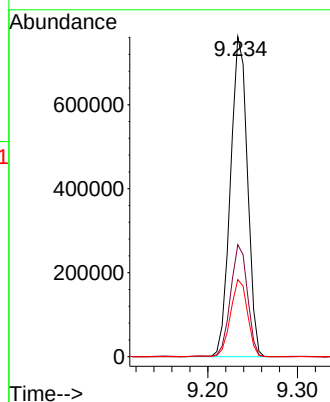
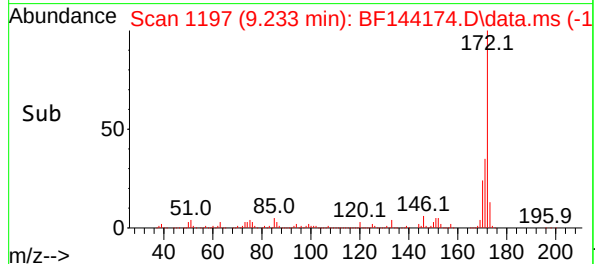
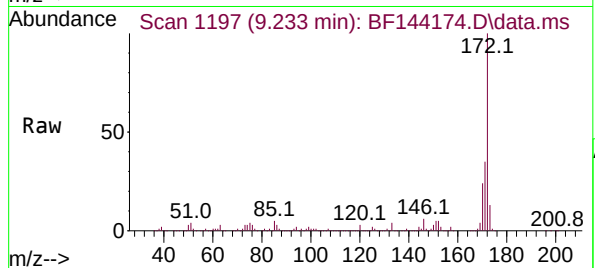




#45
2-Fluorobiphenyl
Concen: 86.941 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

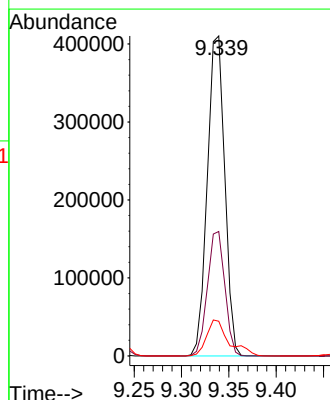
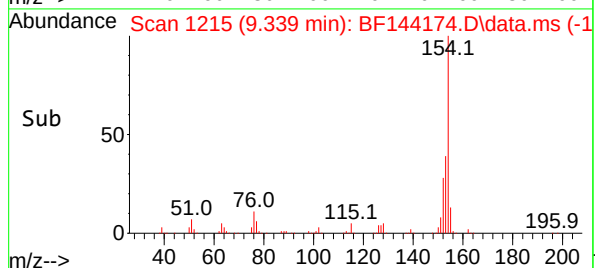
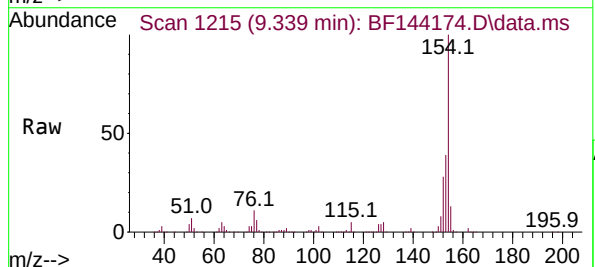
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

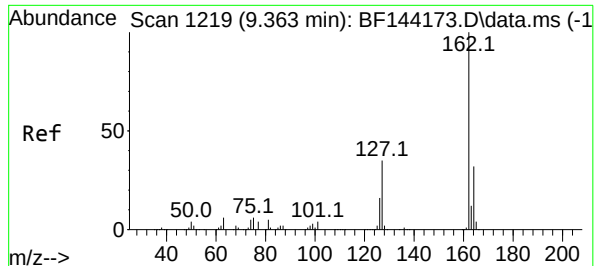
Tgt Ion:172 Resp: 1002454
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 44.371 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:154 Resp: 527437
Ion Ratio Lower Upper
154 100
153 38.9 19.2 59.2
76 10.9 0.0 31.8





#47

2-Chloronaphthalene

Concen: 44.851 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

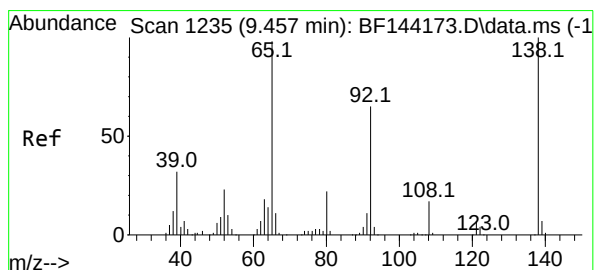
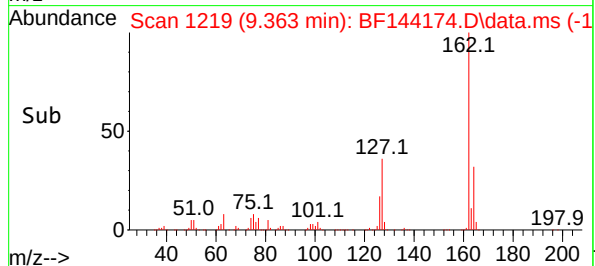
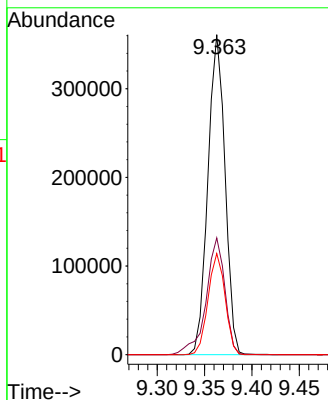
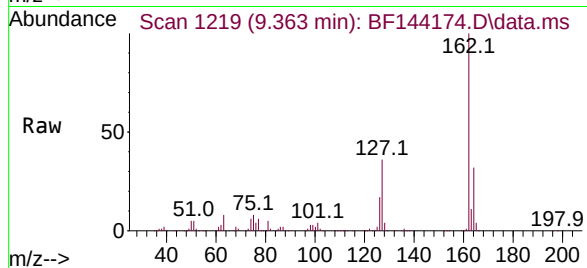
Tgt Ion:162 Resp: 454778

Ion Ratio Lower Upper

162 100

127 36.5 28.8 43.2

164 31.6 25.8 38.8



#48

2-Nitroaniline

Concen: 47.458 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

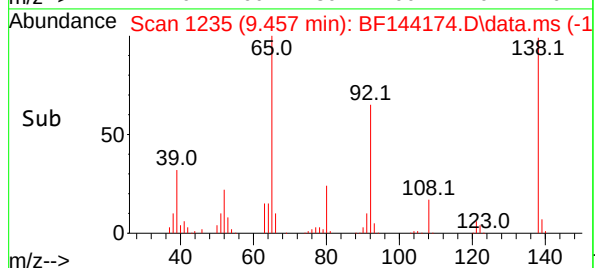
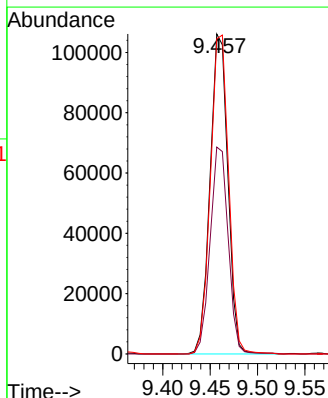
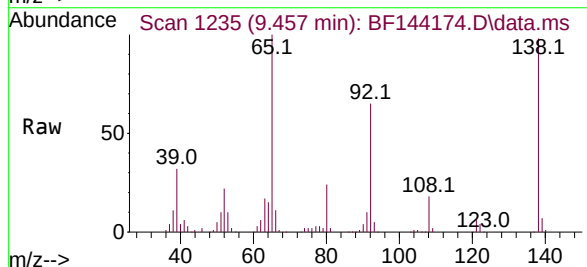
Tgt Ion: 65 Resp: 138845

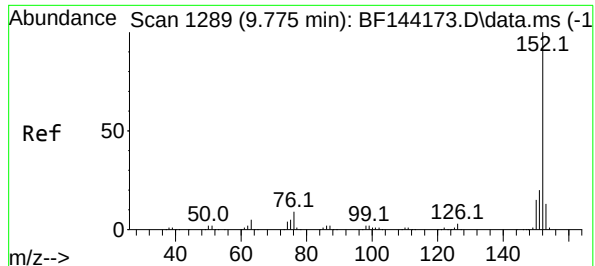
Ion Ratio Lower Upper

65 100

92 64.6 53.0 79.6

138 98.5 81.6 122.4





#49

Acenaphthylene

Concen: 44.368 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144174.D

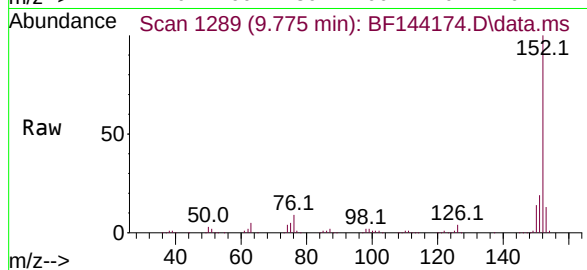
Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050



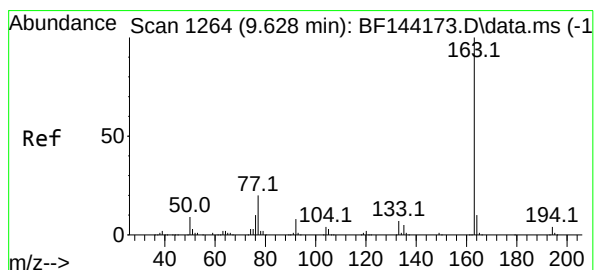
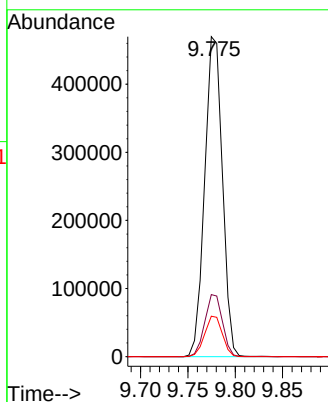
Tgt Ion:152 Resp: 613066

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

153 12.6 10.5 15.7



#50

Dimethylphthalate

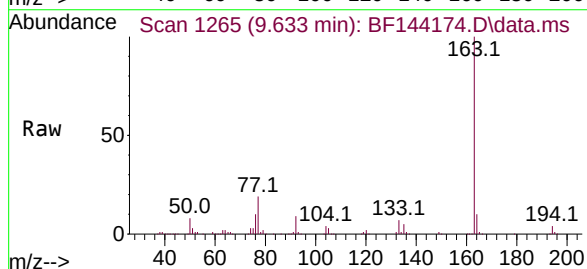
Concen: 44.094 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49



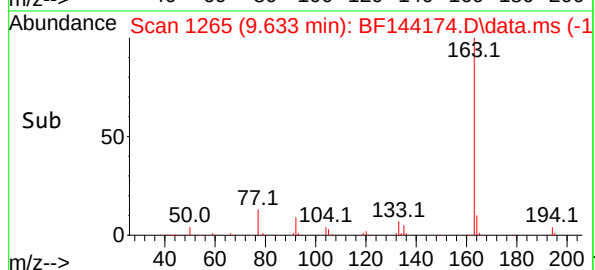
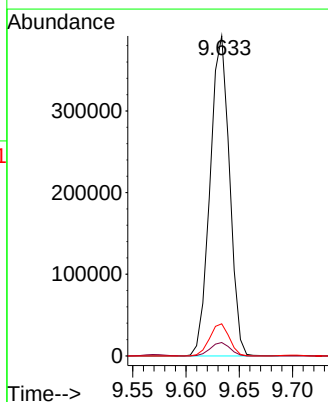
Tgt Ion:163 Resp: 497451

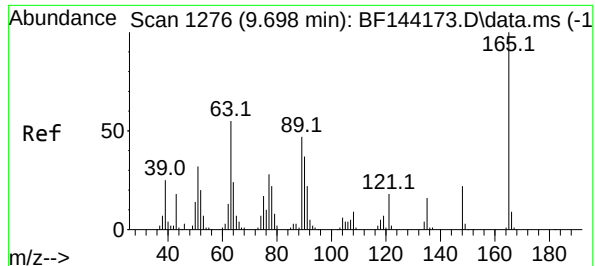
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.0 8.1 12.1

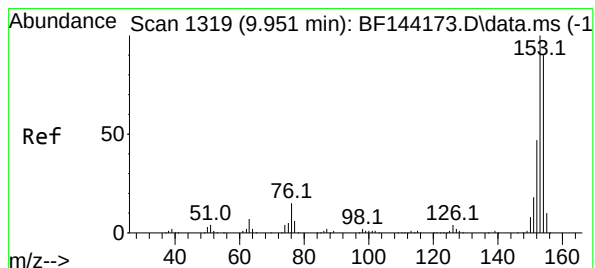
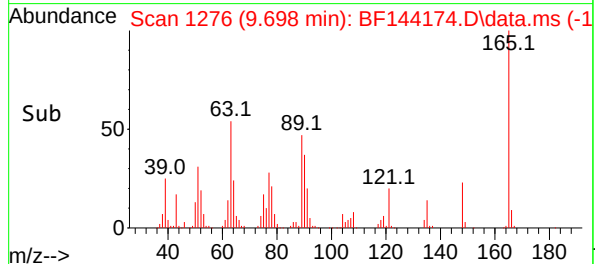
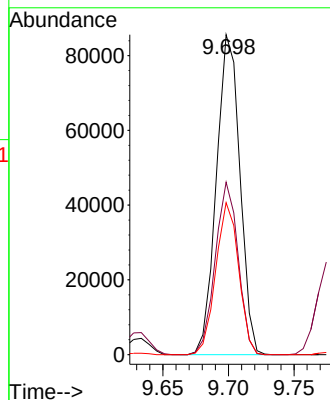
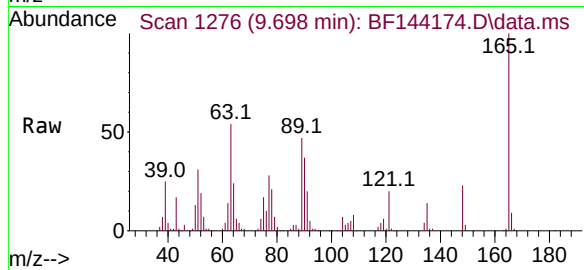




#51
2,6-Dinitrotoluene
Concen: 46.892 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

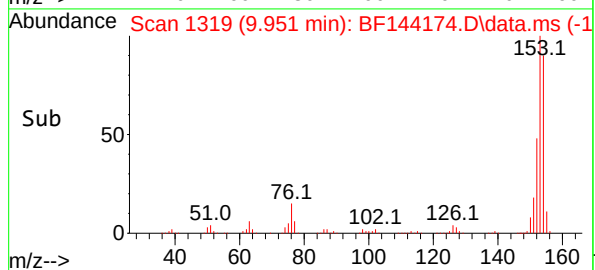
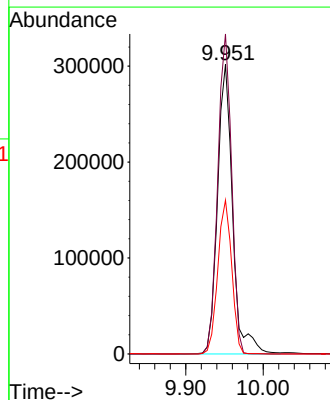
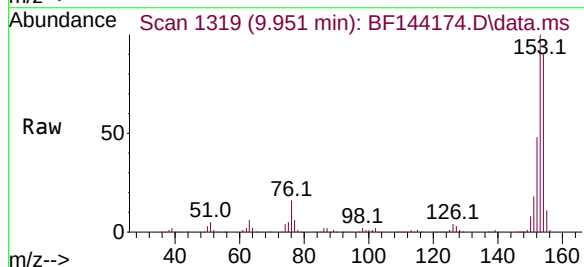
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

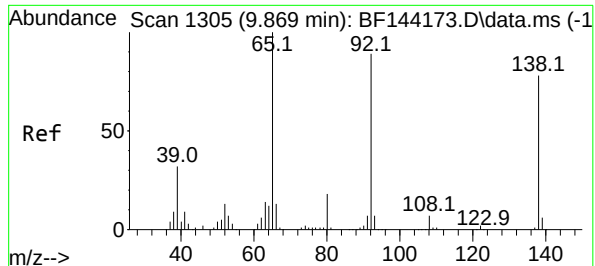
Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.9	43.8	65.8
89	47.5	37.5	56.3



#52
Acenaphthene
Concen: 44.067 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.5	89.0	133.4
152	53.1	42.2	63.4





#53

3-Nitroaniline

Concen: 45.012 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

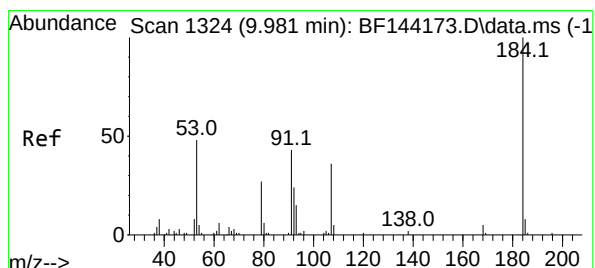
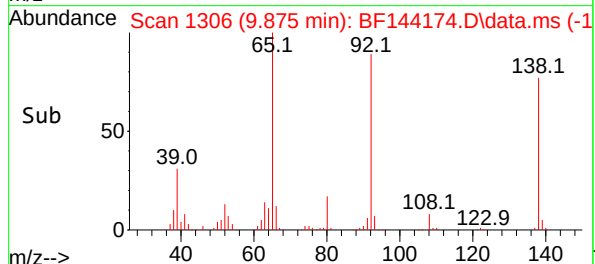
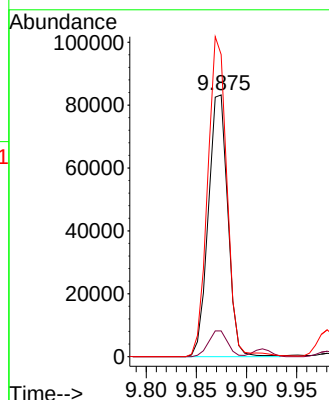
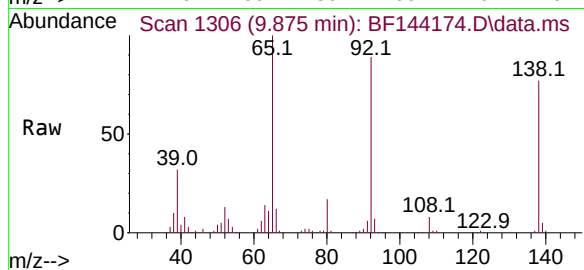
Tgt Ion:138 Resp: 112371

Ion Ratio Lower Upper

138 100

108 9.8 7.5 11.3

92 115.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 41.007 ng

RT: 9.981 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

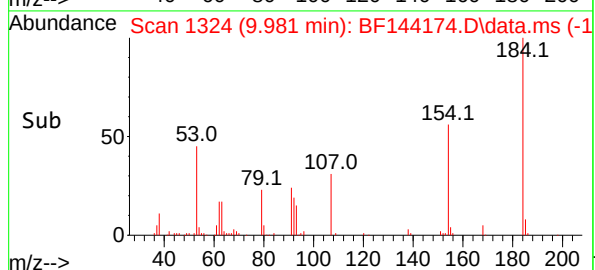
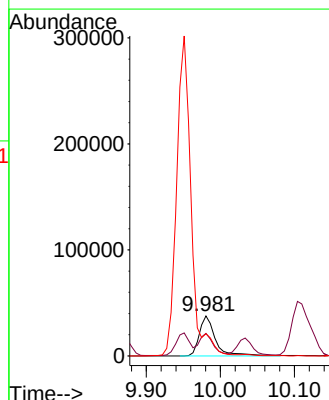
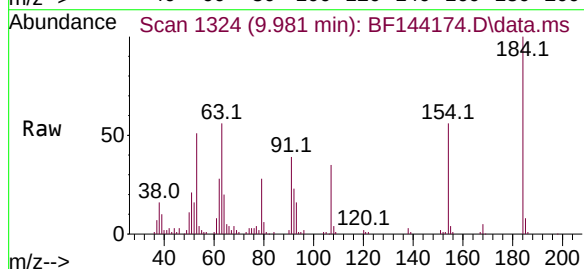
Tgt Ion:184 Resp: 56551

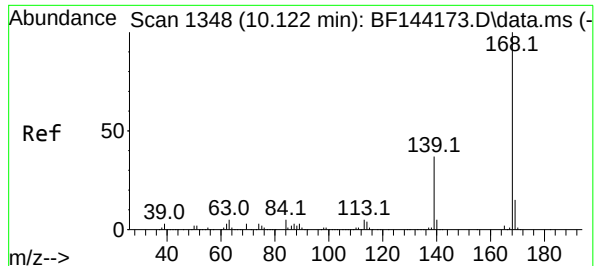
Ion Ratio Lower Upper

184 100

63 56.3 44.0 66.0

154 55.5 42.4 63.6





#55

Dibenzenofuran

Concen: 43.989 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

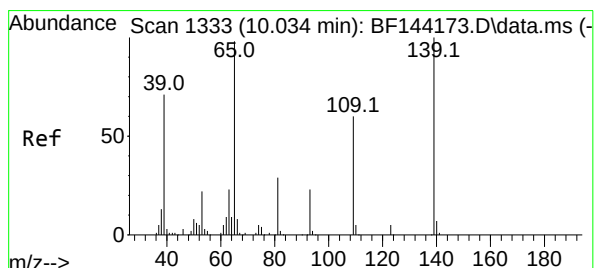
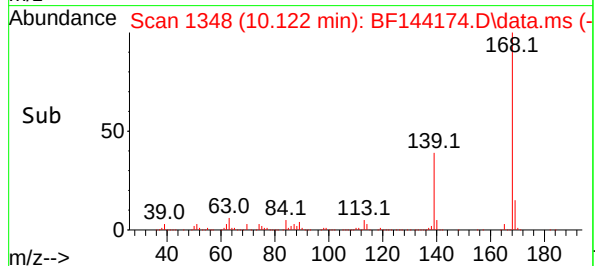
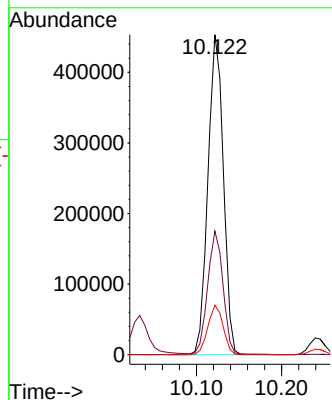
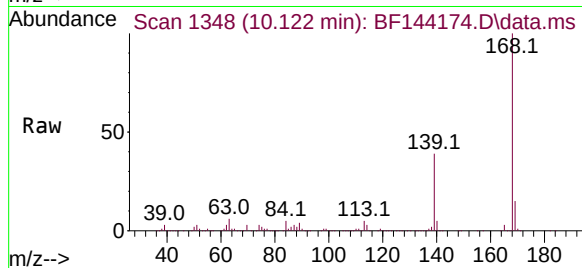
Tgt Ion:168 Resp: 569268

Ion Ratio Lower Upper

168 100

139 38.6 30.2 45.2

169 15.4 12.2 18.4



#56

4-Nitrophenol

Concen: 43.544 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

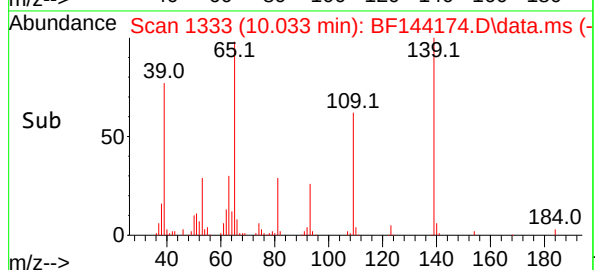
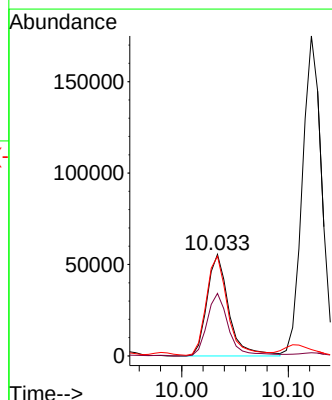
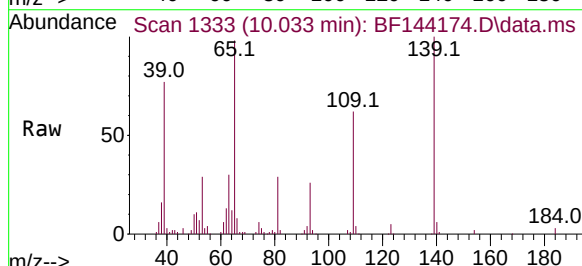
Tgt Ion:139 Resp: 78636

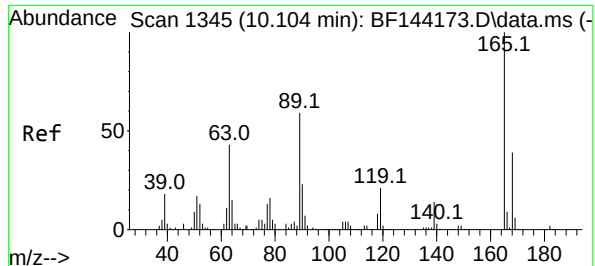
Ion Ratio Lower Upper

139 100

109 61.6 39.9 79.9

65 98.3 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 45.629 ng

RT: 10.104 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:165 Resp: 139501

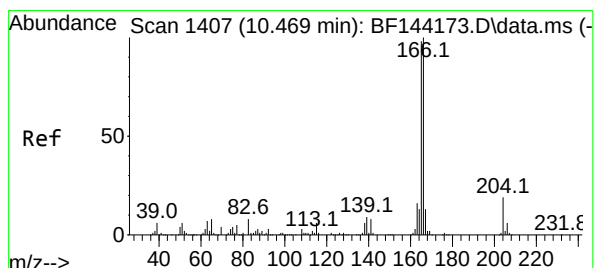
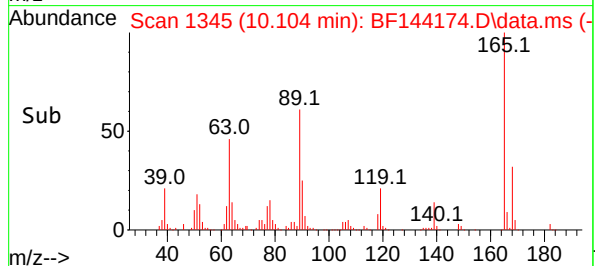
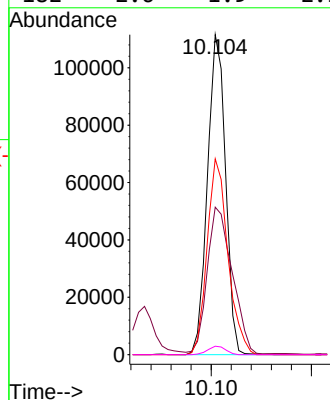
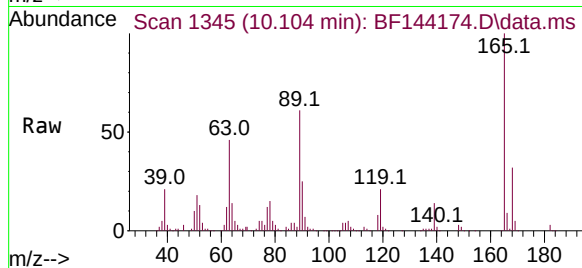
Ion Ratio Lower Upper

165 100

63 46.1 35.5 53.3

89 61.2 47.4 71.2

182 2.6 1.9 2.9



#58

Fluorene

Concen: 43.136 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

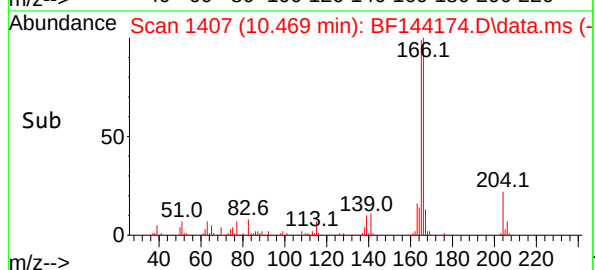
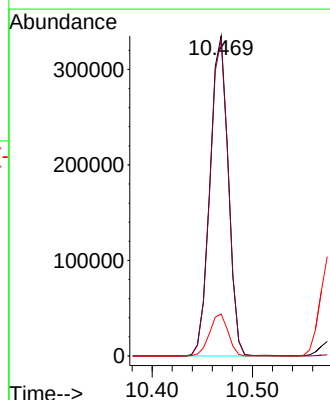
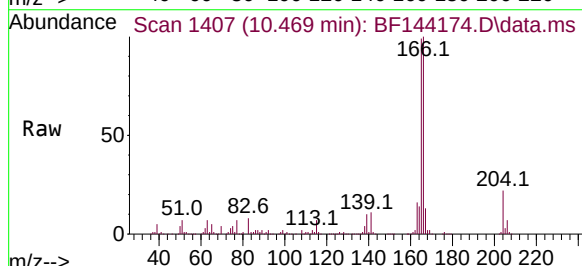
Tgt Ion:166 Resp: 424429

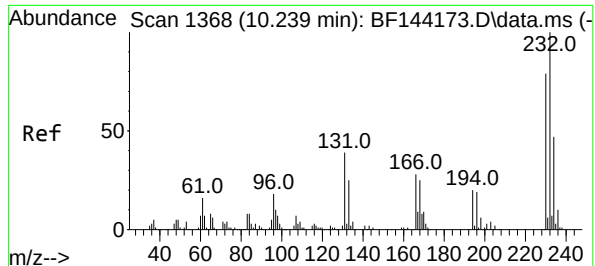
Ion Ratio Lower Upper

166 100

165 98.8 78.6 118.0

167 13.1 10.4 15.6

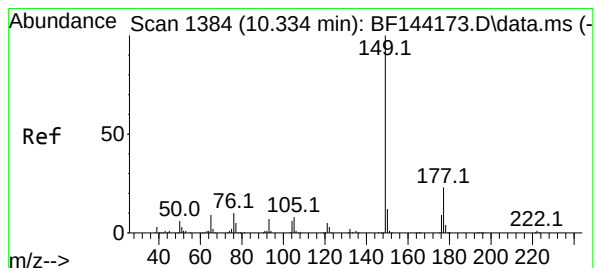
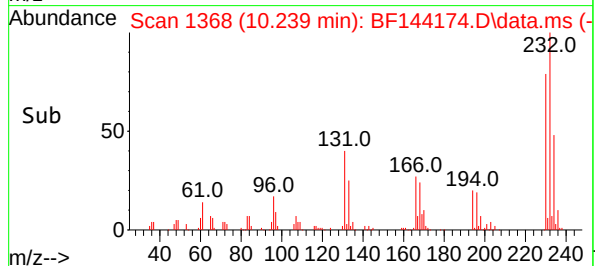
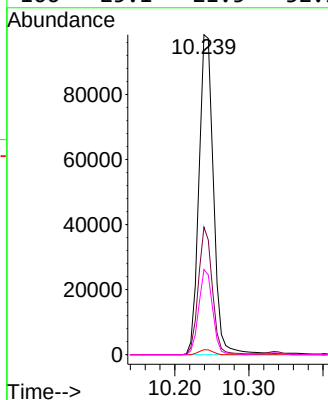
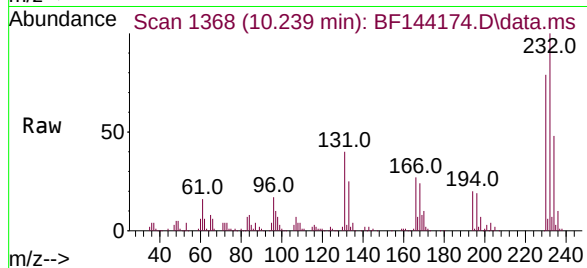




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.453 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

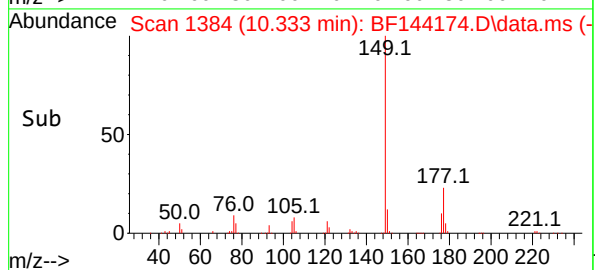
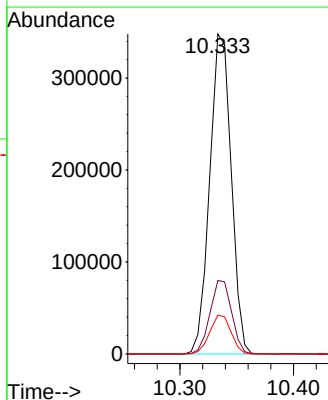
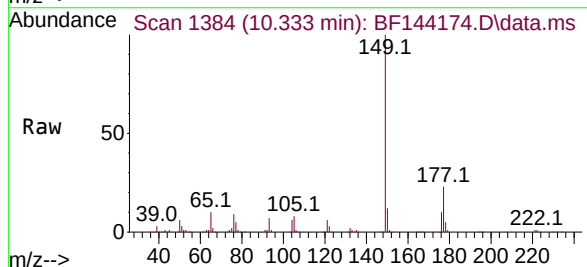
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

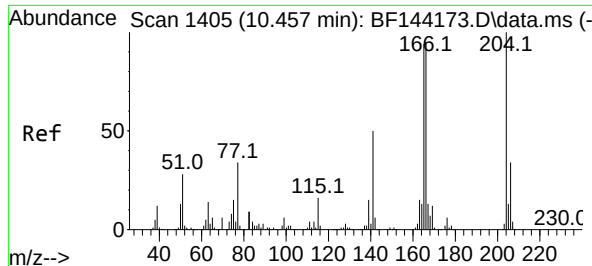
Tgt Ion:232 Resp: 134554
Ion Ratio Lower Upper
232 100
131 38.0 30.3 45.5
130 1.4 1.2 1.8
166 25.1 21.5 32.3



#60
Diethylphthalate
Concen: 43.997 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 457569
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.1 9.8 14.6

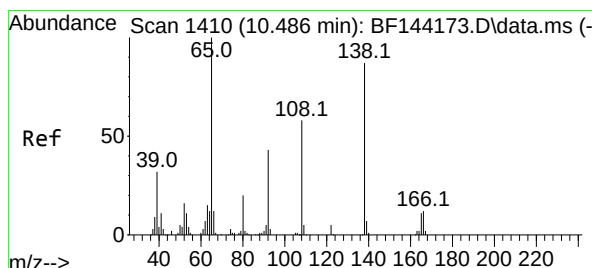
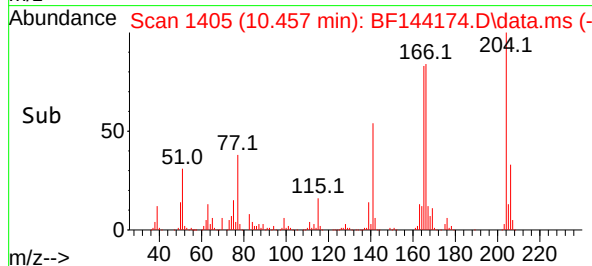
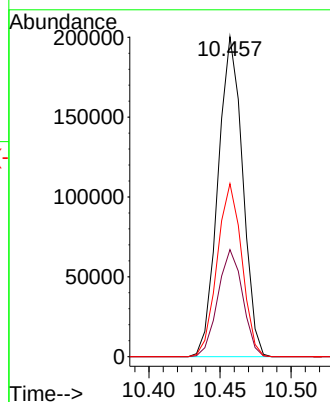
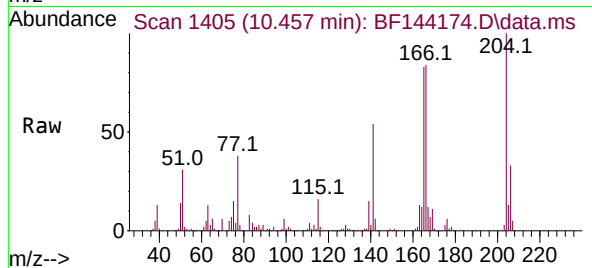




#61
4-Chlorophenyl-phenylether
Concen: 43.294 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

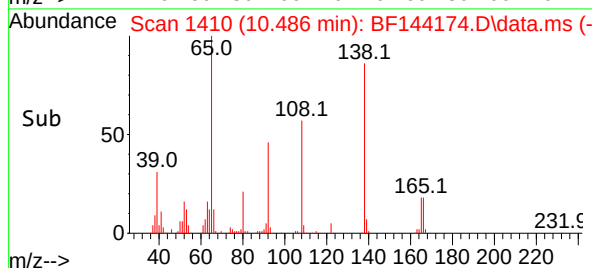
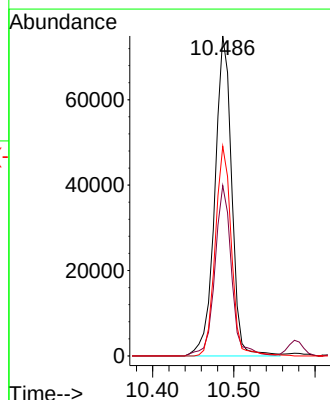
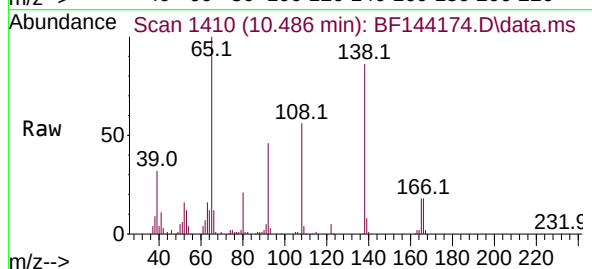
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

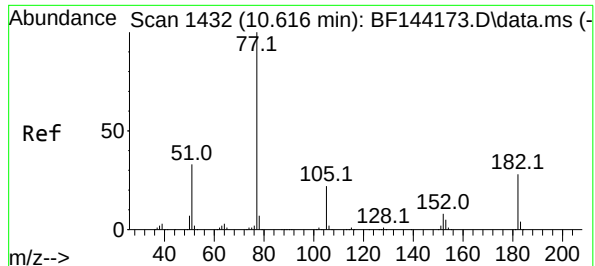
Tgt Ion:204 Resp: 242650
Ion Ratio Lower Upper
204 100
206 33.4 27.4 41.2
141 54.0 40.0 60.0



#62
4-Nitroaniline
Concen: 45.557 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:138 Resp: 108312
Ion Ratio Lower Upper
138 100
92 53.2 29.4 69.4
108 65.5 46.4 86.4

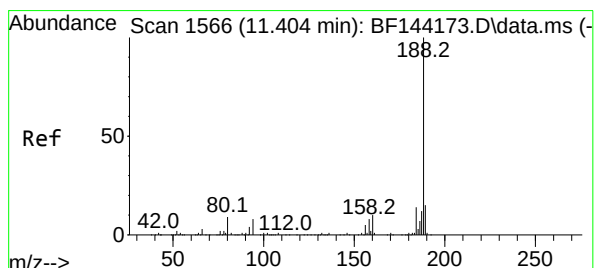
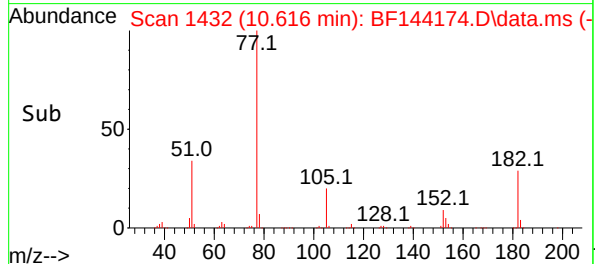
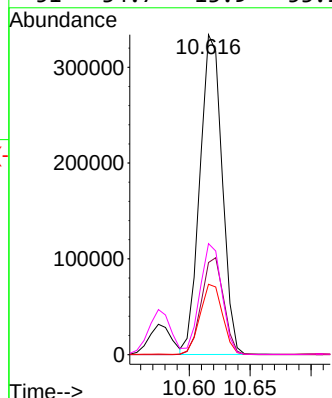
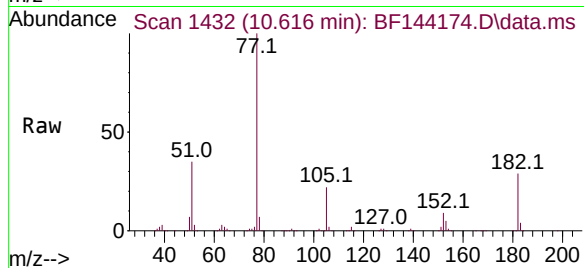




#63
Azobenzene
Concen: 43.768 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

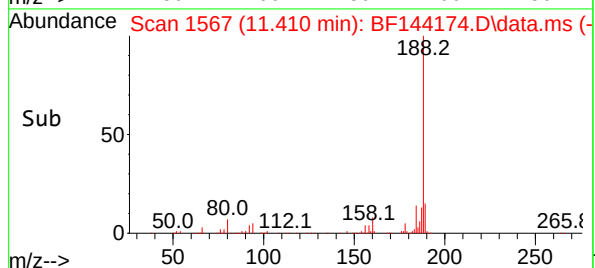
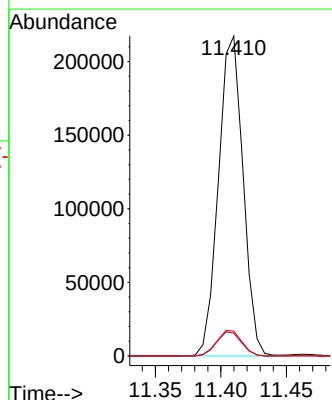
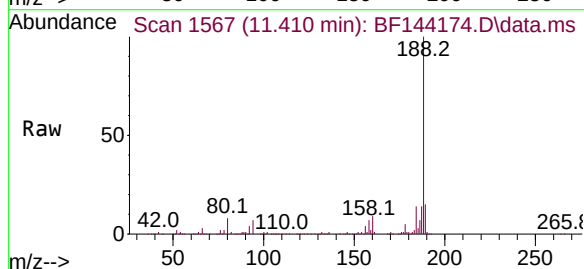
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

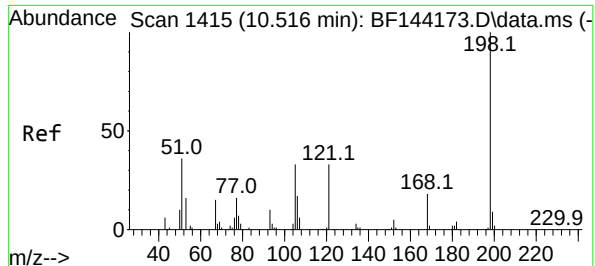
Tgt Ion: 77	Resp: 423631
Ion Ratio	Lower Upper
77 100	
182 28.8	8.1 48.1
105 22.0	2.0 42.0
51 34.7	13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion: 188	Resp: 283828
Ion Ratio	Lower Upper
188 100	
94 7.1	6.2 9.2
80 7.7	6.9 10.3





#65

4,6-Dinitro-2-methylphenol

Concen: 44.204 ng

RT: 10.516 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

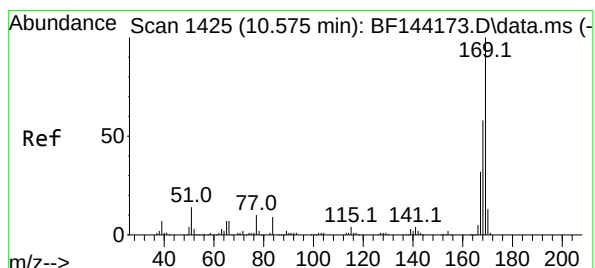
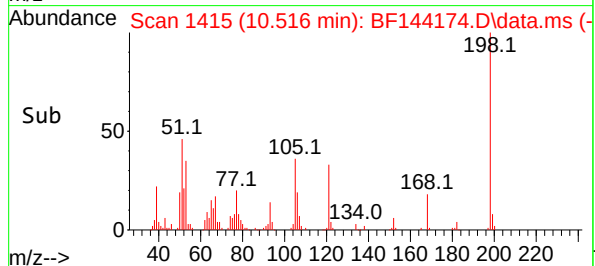
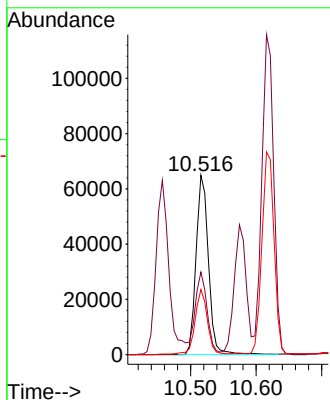
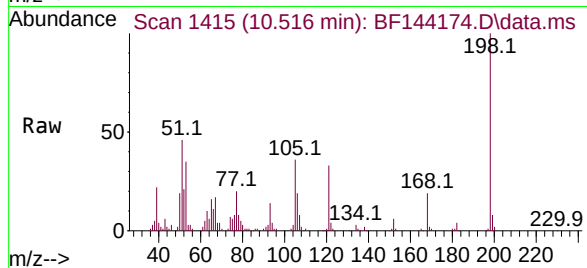
Tgt Ion:198 Resp: 85232

Ion Ratio Lower Upper

198 100

51 46.0 25.6 65.6

105 36.3 14.6 54.6



#66

n-Nitrosodiphenylamine

Concen: 44.877 ng

RT: 10.575 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

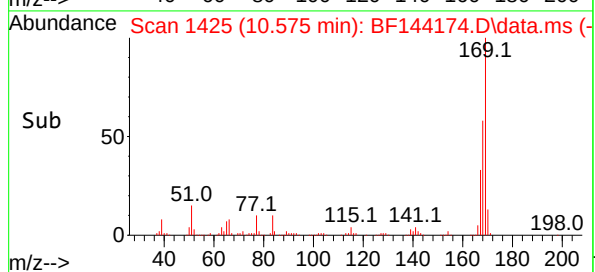
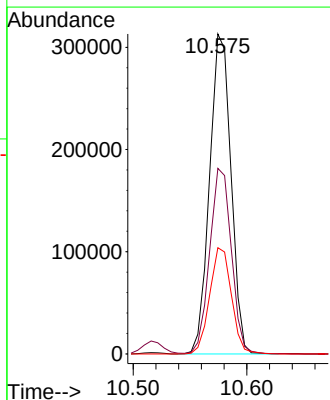
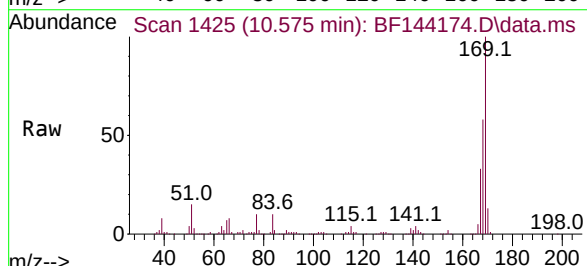
Tgt Ion:169 Resp: 409670

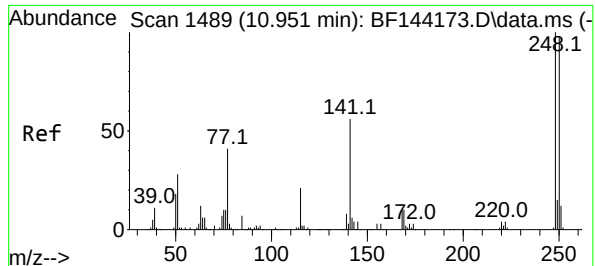
Ion Ratio Lower Upper

169 100

168 58.0 46.2 69.2

167 33.2 25.7 38.5

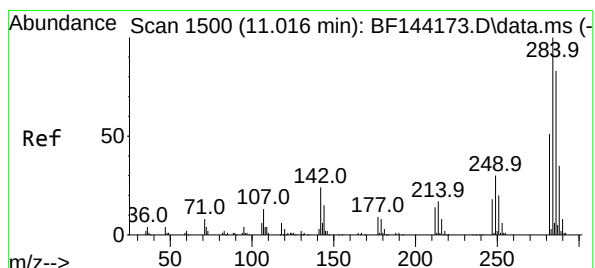
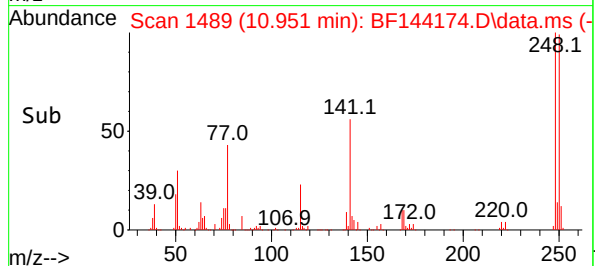
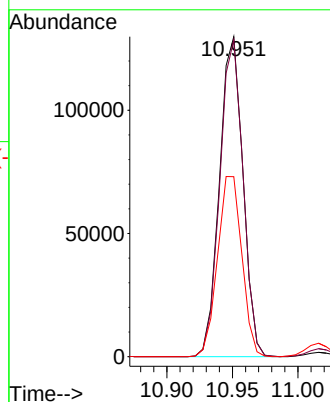
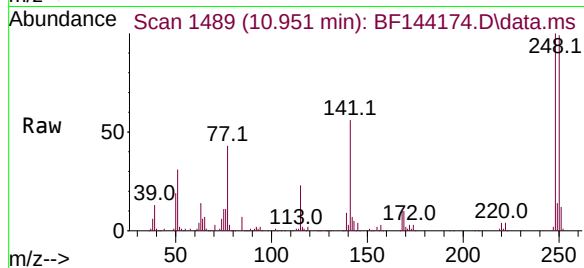




#67
4-Bromophenyl-phenylether
Concen: 44.606 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

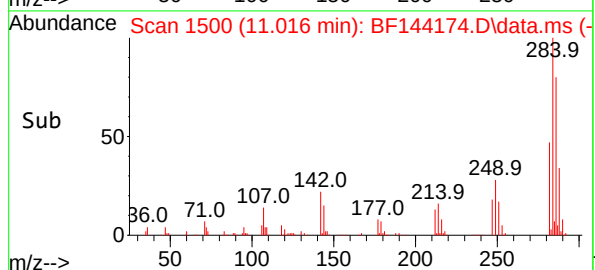
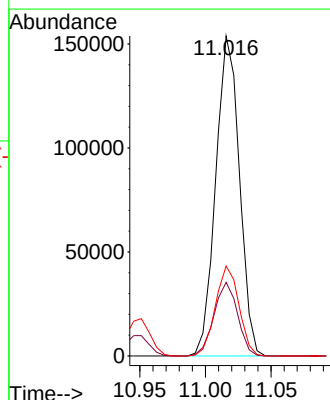
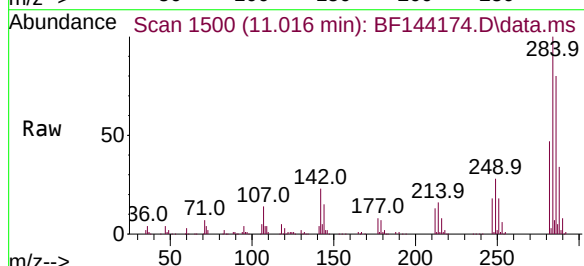
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

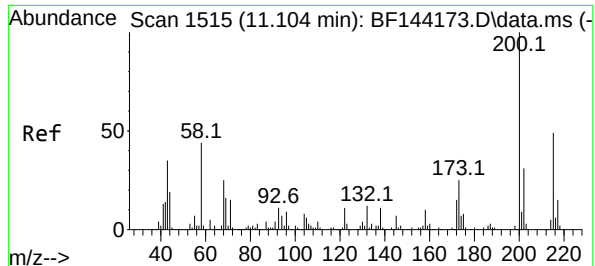
Tgt Ion:248 Resp: 161600
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 56.2 45.1 67.7



#68
Hexachlorobenzene
Concen: 45.364 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:284 Resp: 193574
Ion Ratio Lower Upper
284 100
142 23.0 19.2 28.8
249 28.1 23.8 35.8

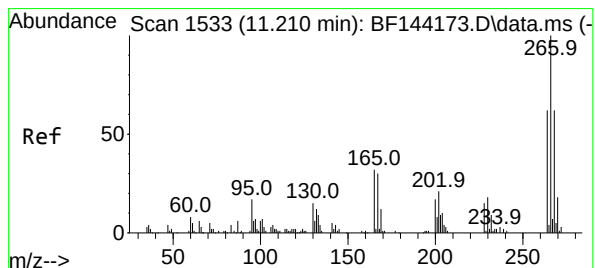
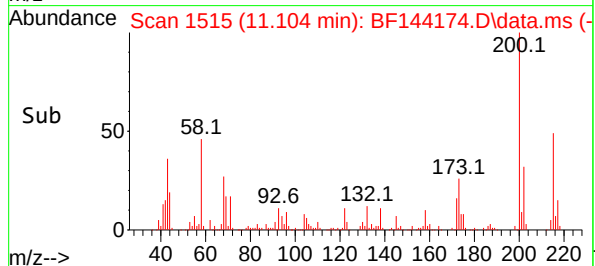
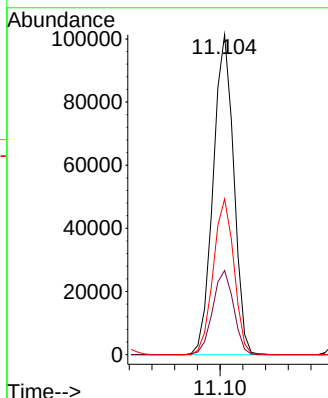
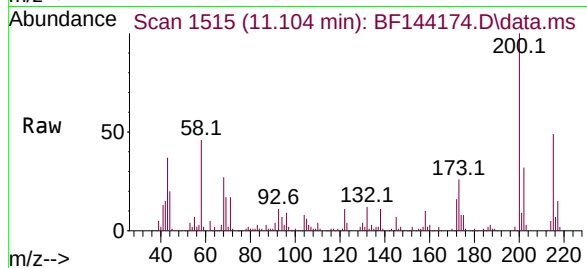




#69
Atrazine
Concen: 43.906 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

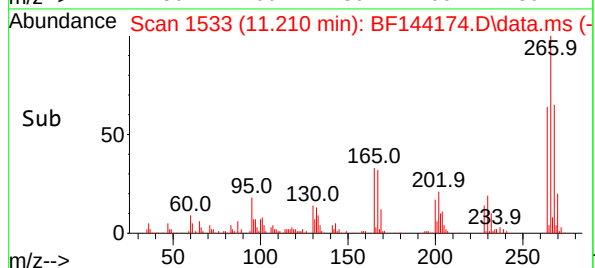
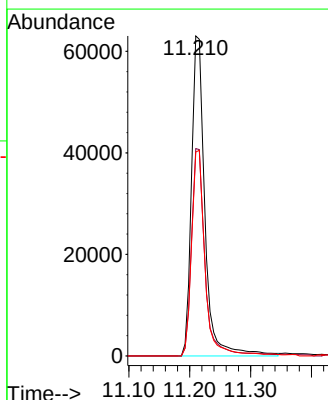
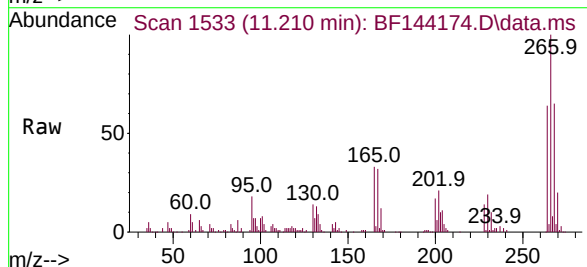
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

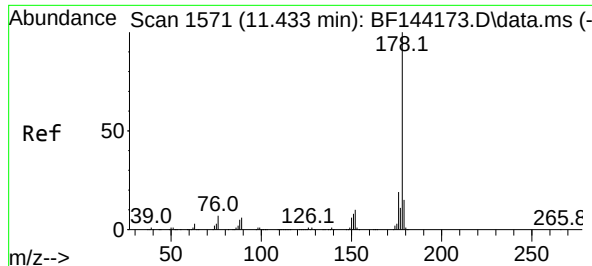
Tgt Ion:200 Resp: 127465
Ion Ratio Lower Upper
200 100
173 26.3 5.0 45.0
215 48.6 28.7 68.7



#70
Pentachlorophenol
Concen: 45.622 ng
RT: 11.210 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:266 Resp: 96941
Ion Ratio Lower Upper
266 100
268 64.8 49.5 74.3
264 63.7 49.4 74.2

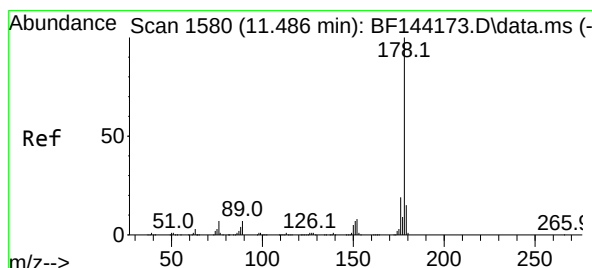
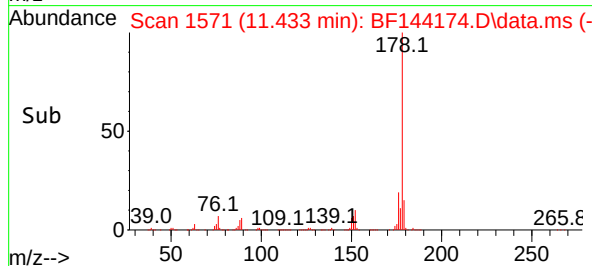
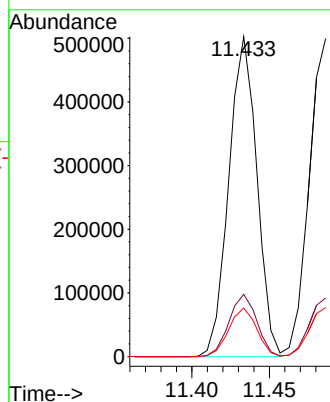
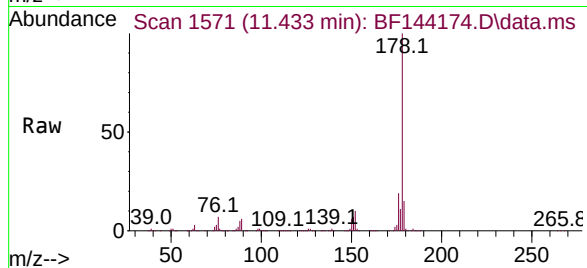




#71
Phenanthrene
Concen: 44.800 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

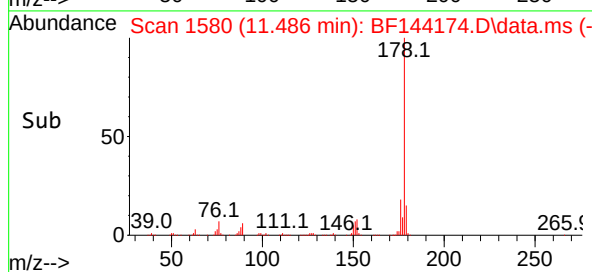
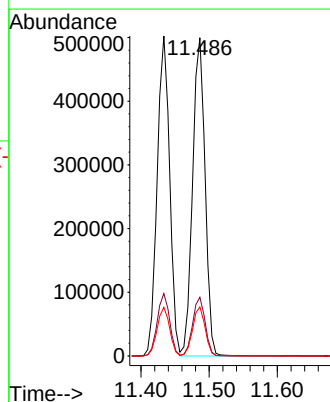
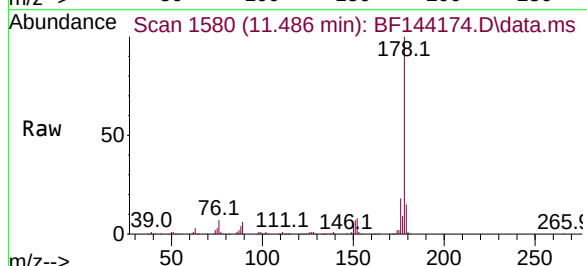
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

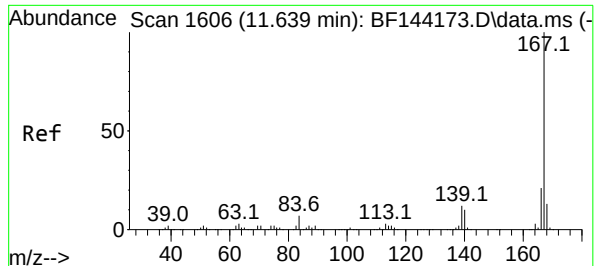
Tgt Ion:178 Resp: 633088
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.2 12.2 18.4



#72
Anthracene
Concen: 44.292 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:178 Resp: 636448
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.4 12.0 18.0

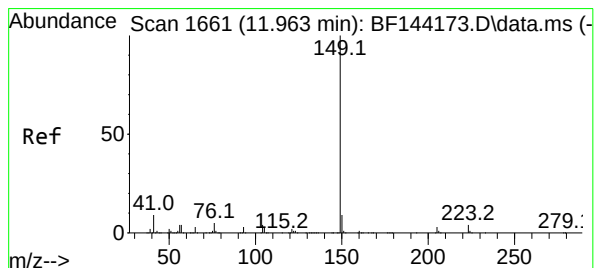
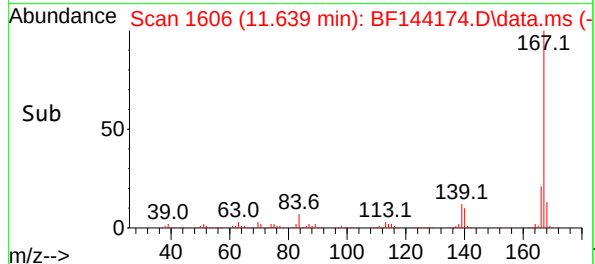
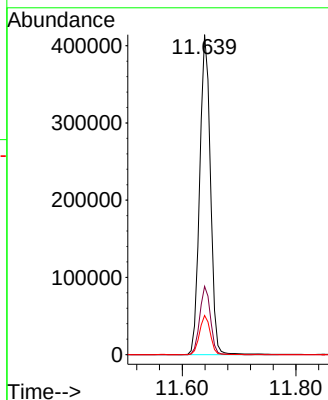
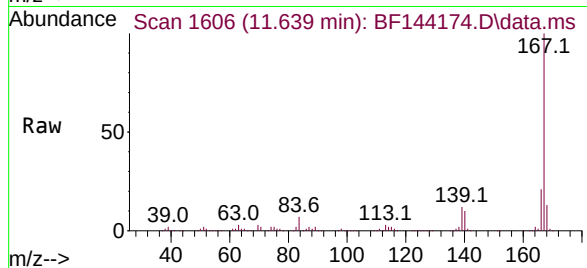




#73
Carbazole
Concen: 44.273 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

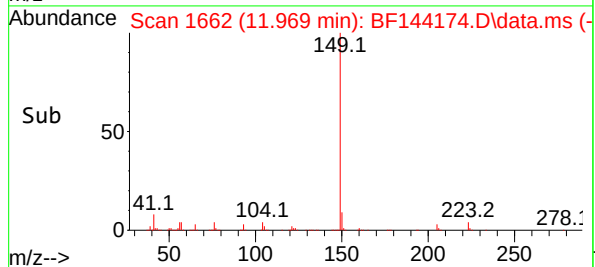
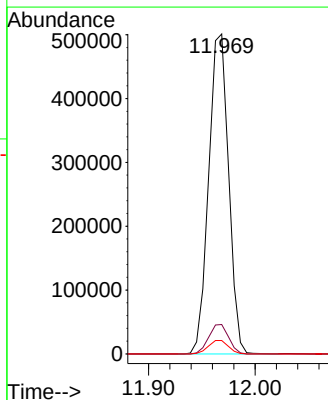
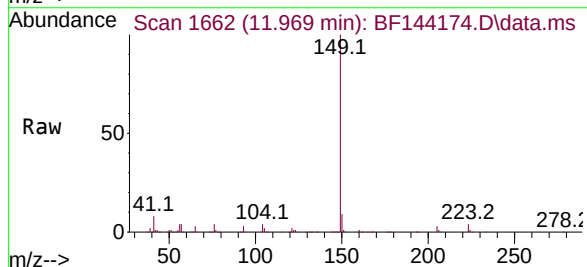
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

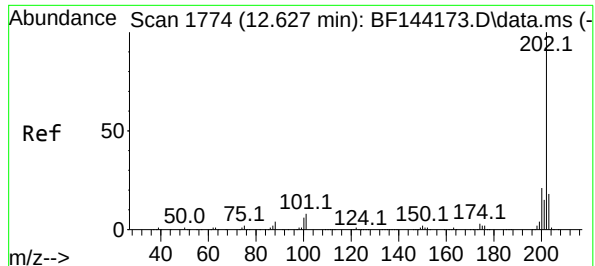
Tgt Ion:167 Resp: 540957
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 12.2 9.9 14.9



#74
Di-n-butylphthalate
Concen: 44.060 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:149 Resp: 650810
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.2 3.4 5.2

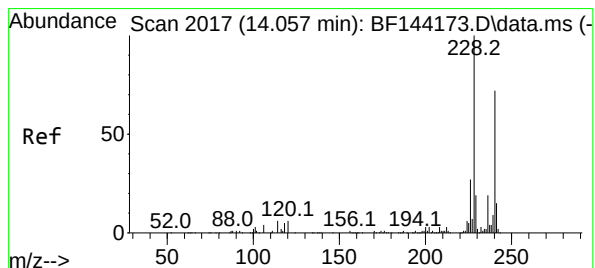
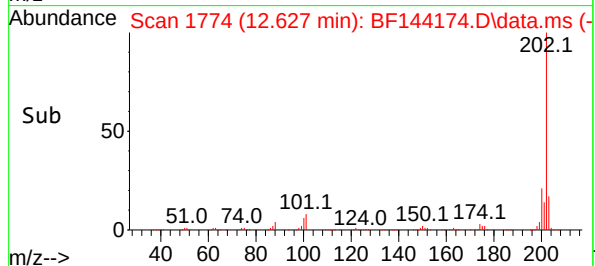
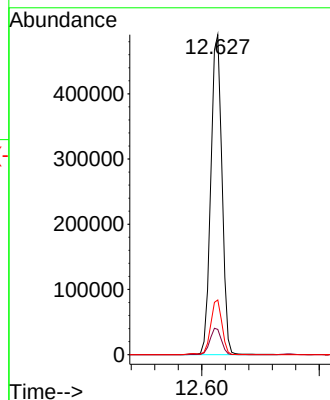
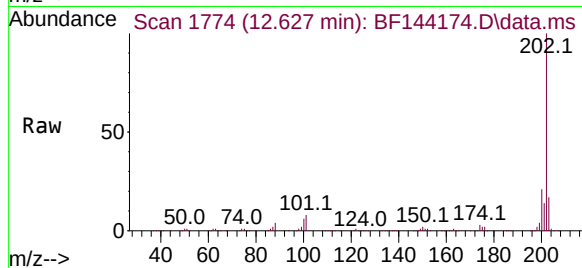




#75
Fluoranthene
Concen: 44.244 ng
RT: 12.627 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

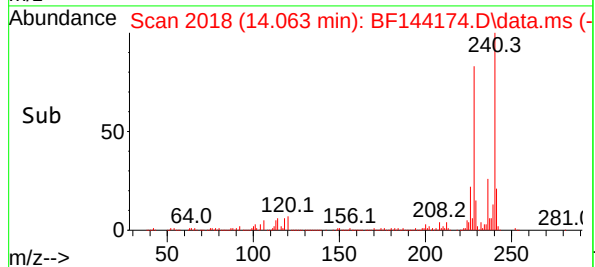
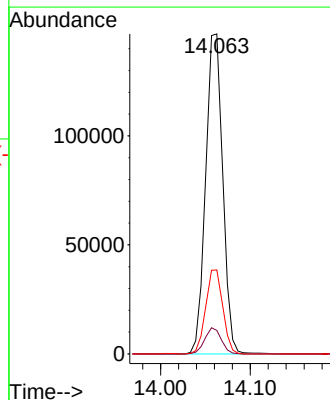
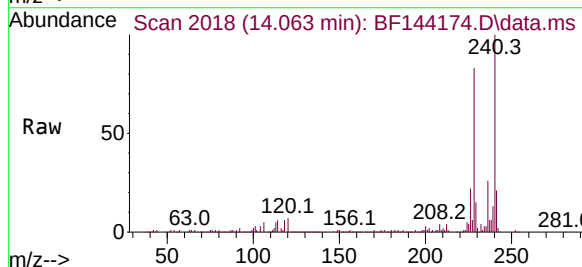
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

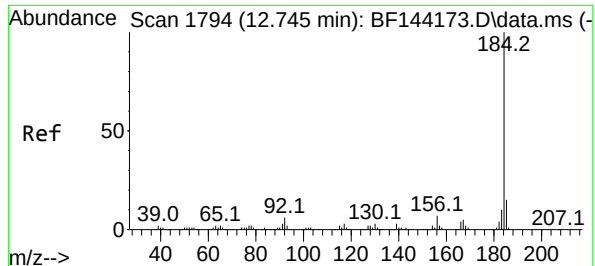
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	27.9
203	17.1	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.6	10.0
236	26.2	21.4	32.2

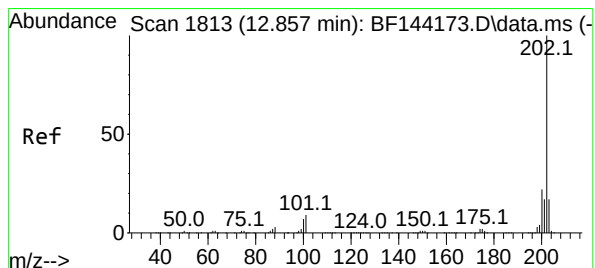
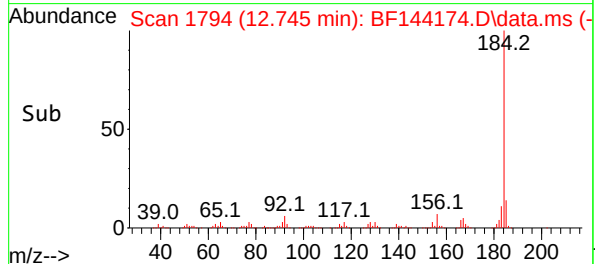
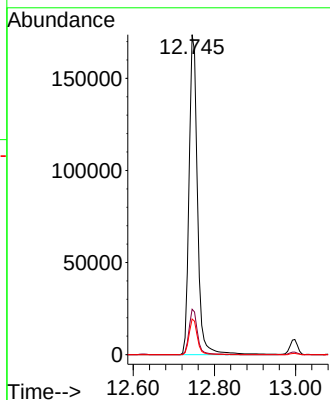
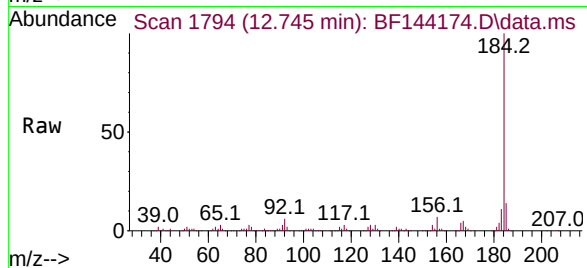




#77
Benzidine
Concen: 43.243 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

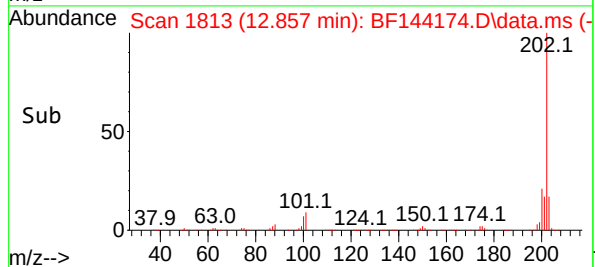
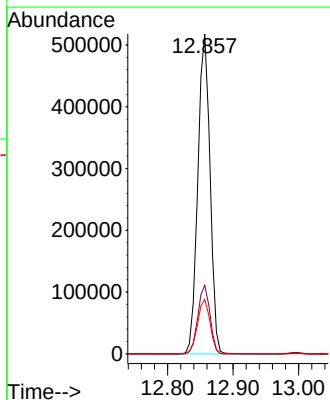
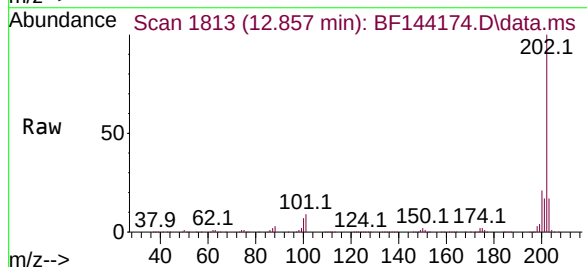
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

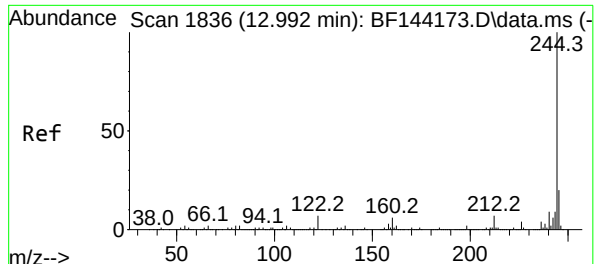
Tgt Ion:184 Resp: 248615
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.1 8.3 12.5



#78
Pyrene
Concen: 42.540 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:202 Resp: 666673
Ion Ratio Lower Upper
202 100
200 21.4 17.2 25.8
203 17.0 13.7 20.5





#79

Terphenyl-d14

Concen: 82.754 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

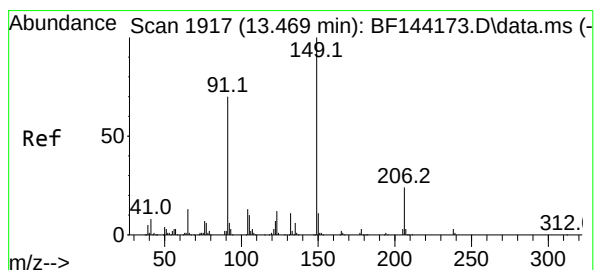
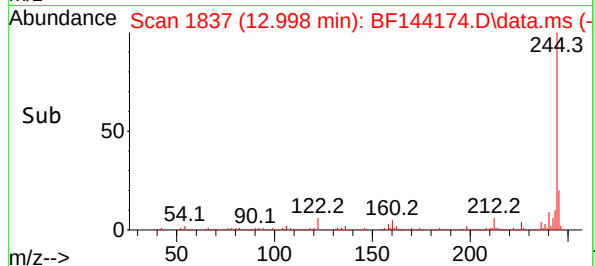
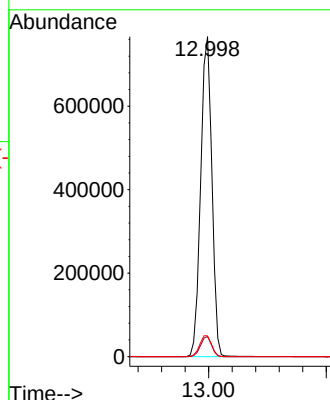
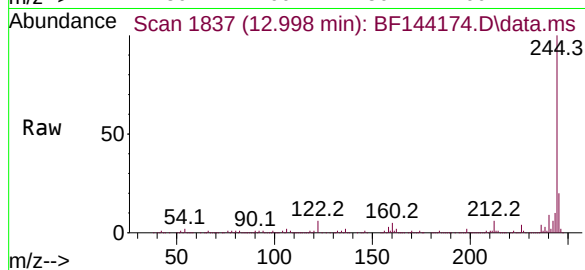
Tgt Ion:244 Resp: 1012618

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.5 5.6 8.4



#80

Butylbenzylphthalate

Concen: 44.602 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

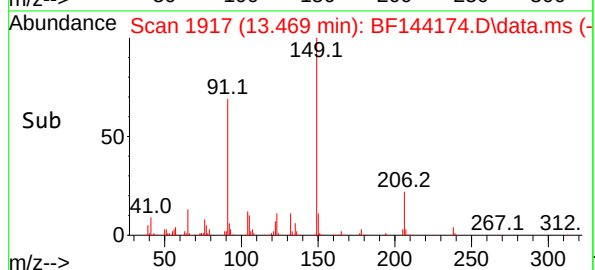
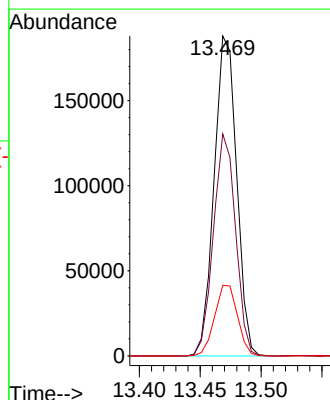
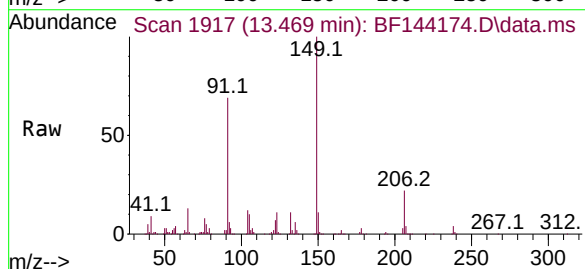
Tgt Ion:149 Resp: 242259

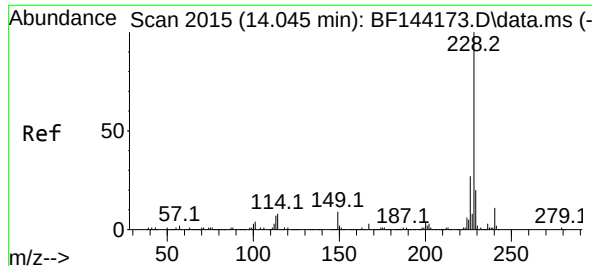
Ion Ratio Lower Upper

149 100

91 69.4 56.1 84.1

206 22.1 18.8 28.2

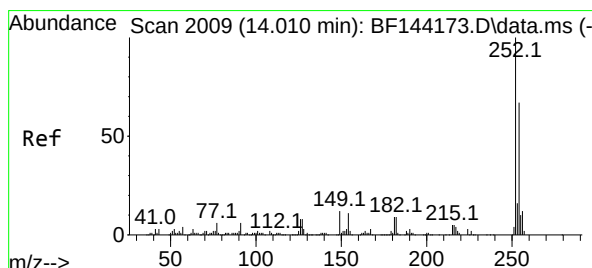
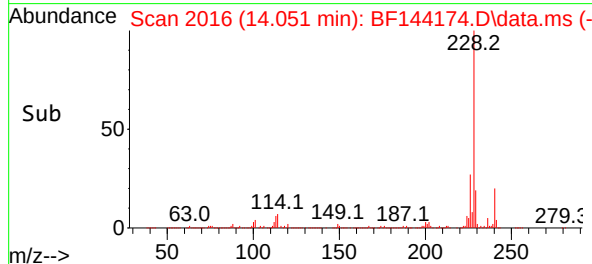
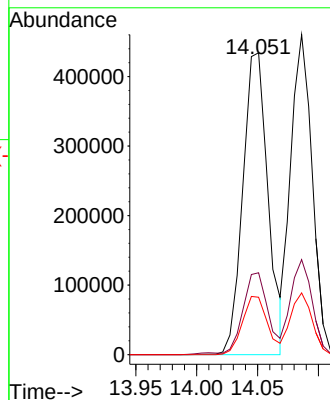
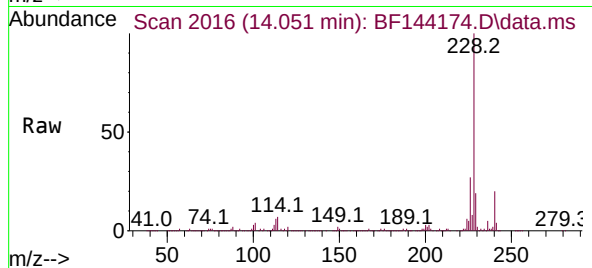




#81
Benzo(a)anthracene
Concen: 46.515 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

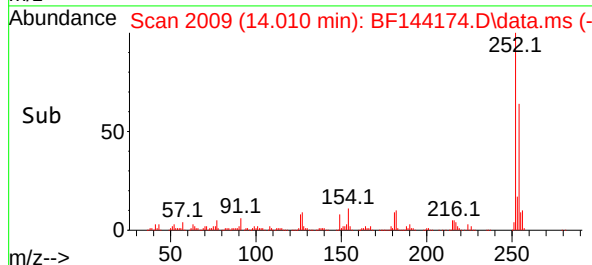
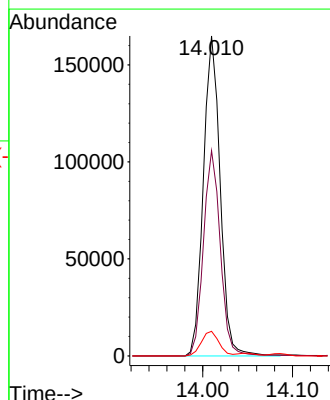
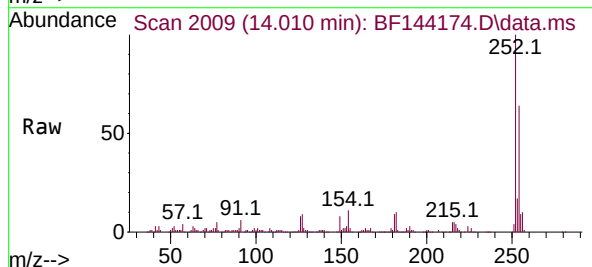
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

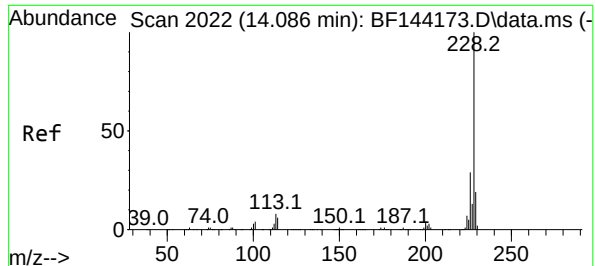
Tgt Ion:228 Resp: 626599
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.0 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 46.440 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 214437
Ion Ratio Lower Upper
252 100
254 64.1 53.5 80.3
126 7.7 6.4 9.6





#83

Chrysene

Concen: 45.489 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

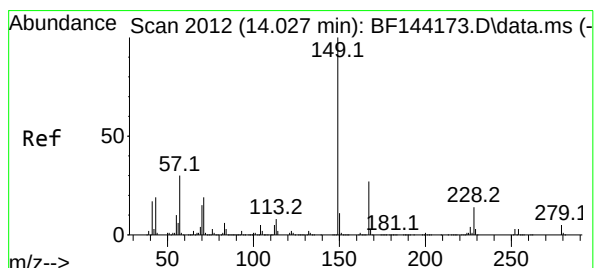
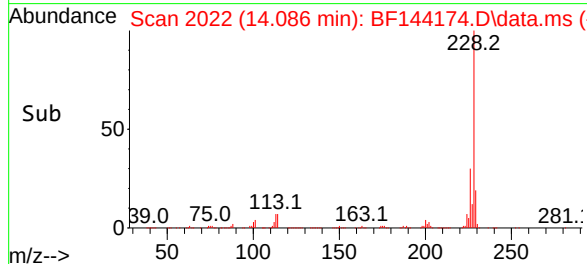
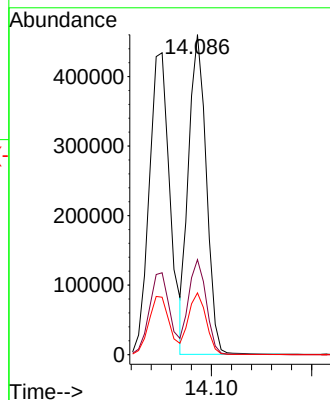
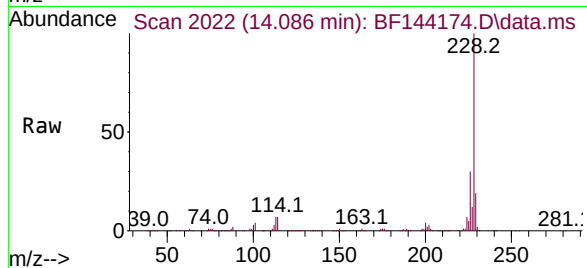
Tgt Ion:228 Resp: 565678

Ion Ratio Lower Upper

228 100

226 29.7 22.9 34.3

229 19.3 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.061 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

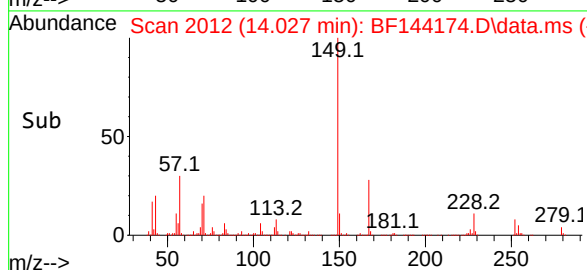
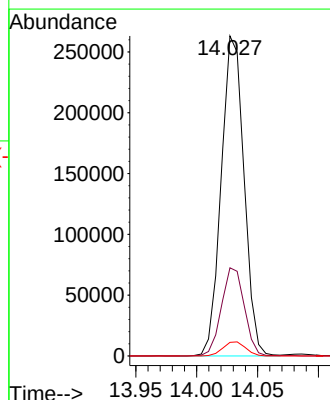
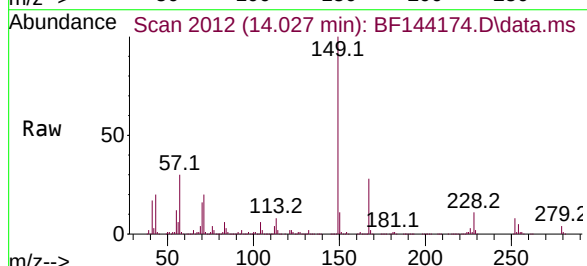
Tgt Ion:149 Resp: 342489

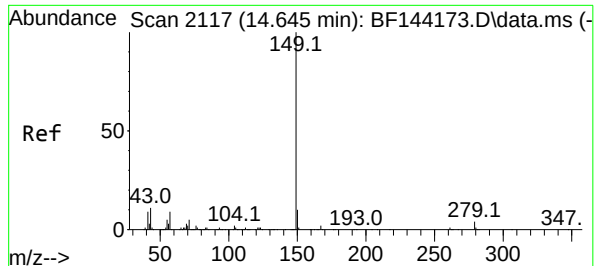
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.2 3.7 5.5

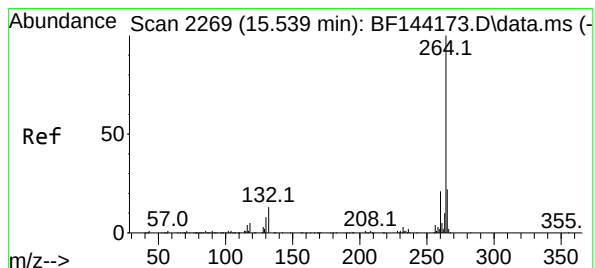
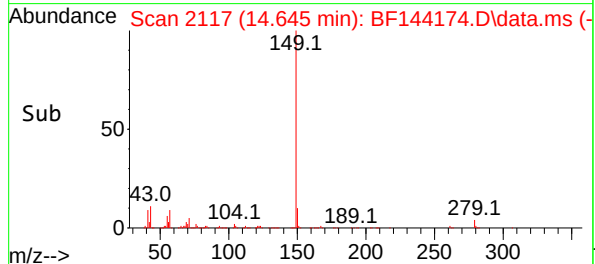
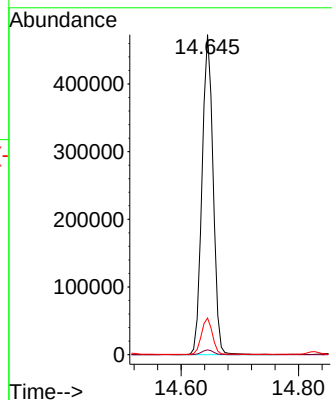
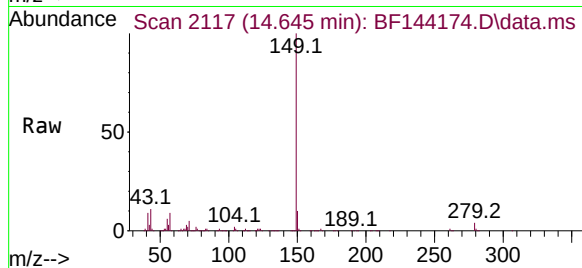




#85
Di-n-octyl phthalate
Concen: 48.068 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

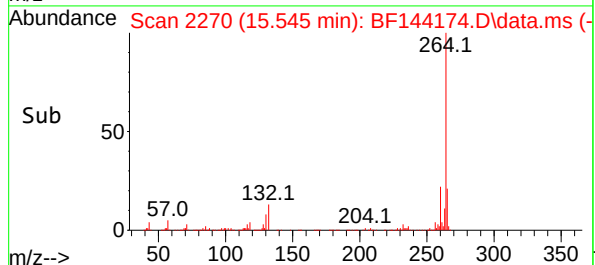
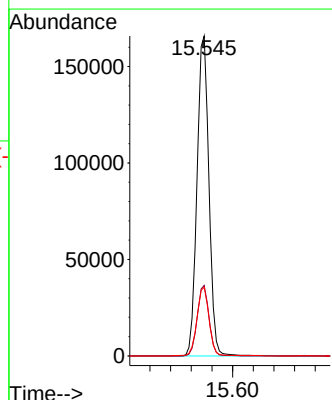
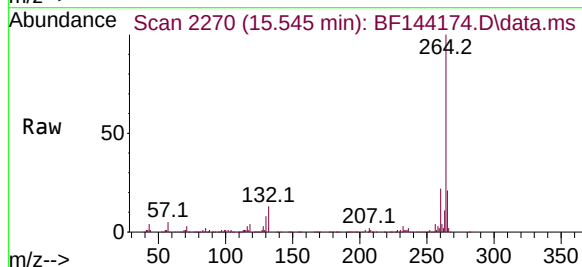
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

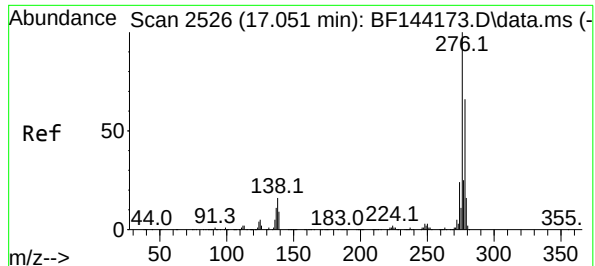
Tgt Ion:149 Resp: 616644
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:264 Resp: 264861
Ion Ratio Lower Upper
264 100
260 22.0 17.1 25.7
265 21.5 17.4 26.0

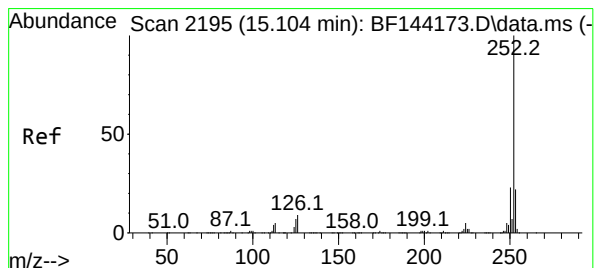
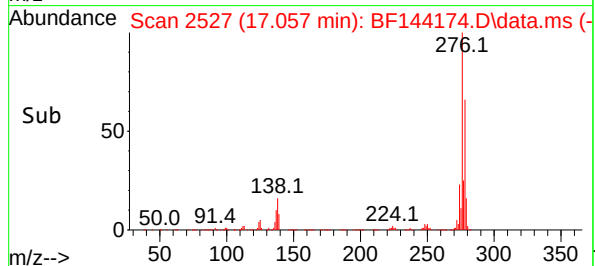
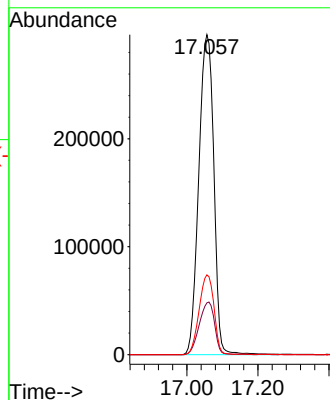
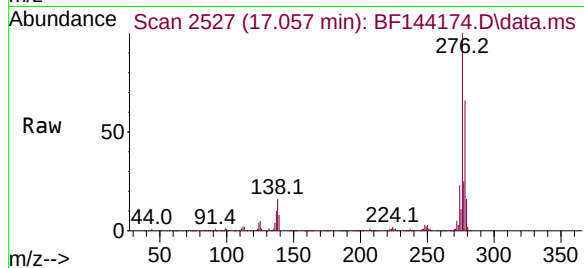




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.642 ng
RT: 17.057 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

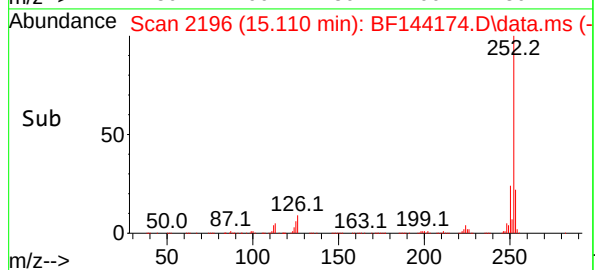
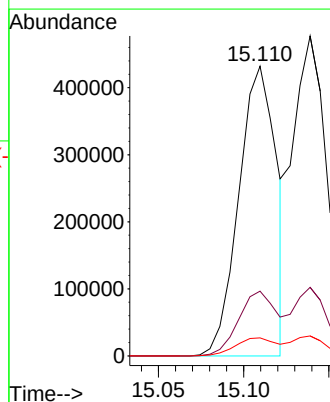
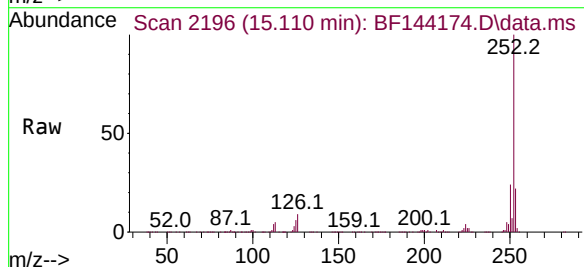
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

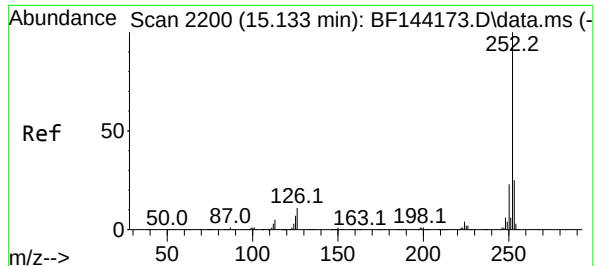
Tgt Ion:276 Resp: 867786
Ion Ratio Lower Upper
276 100
138 16.7 13.9 20.9
277 24.5 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.079 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:252 Resp: 663728
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 6.2 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.952 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

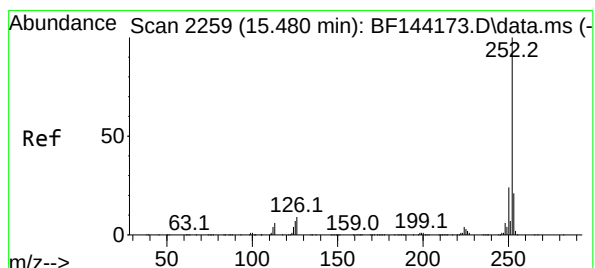
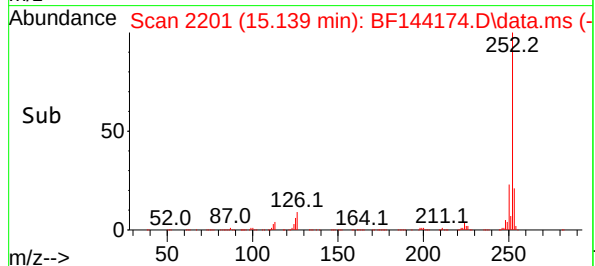
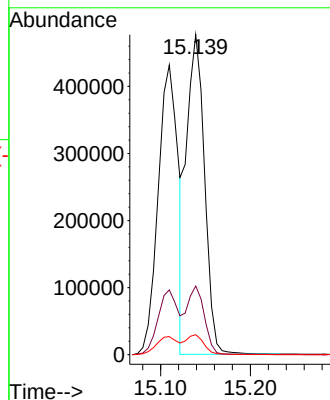
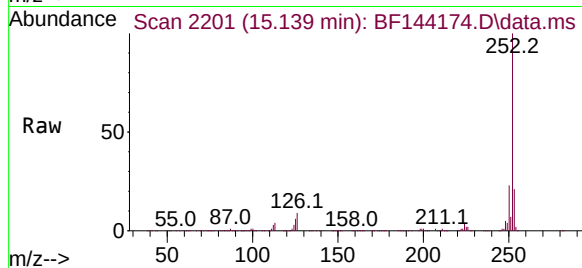
Tgt Ion:252 Resp: 661746

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 6.2 5.4 8.2



#90

Benzo(a)pyrene

Concen: 45.882 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144174.D

Acq: 05 Nov 2025 15:49

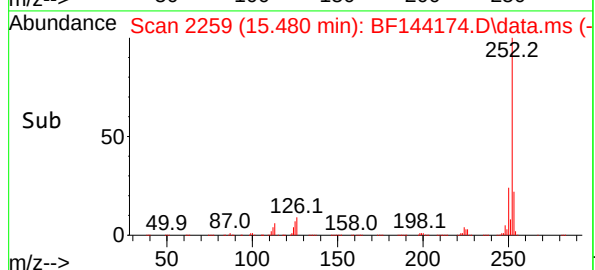
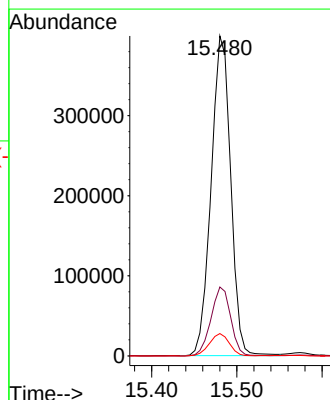
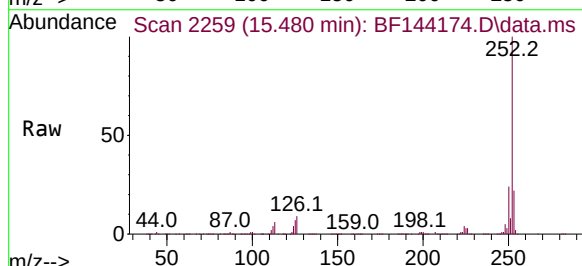
Tgt Ion:252 Resp: 637370

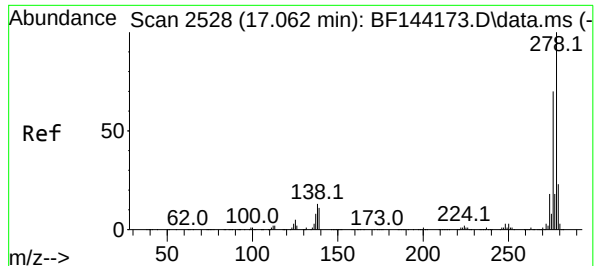
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 7.0 5.7 8.5

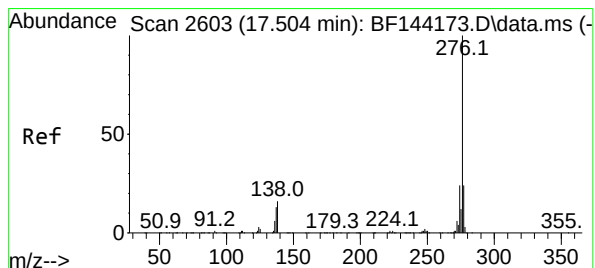
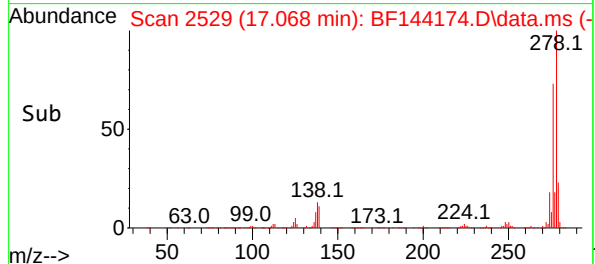
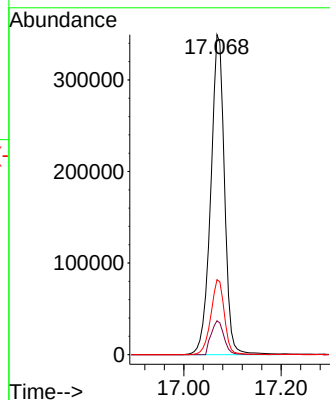
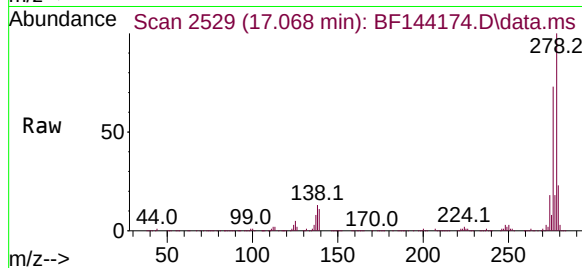




#91
Dibenzo(a,h)anthracene
Concen: 45.098 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

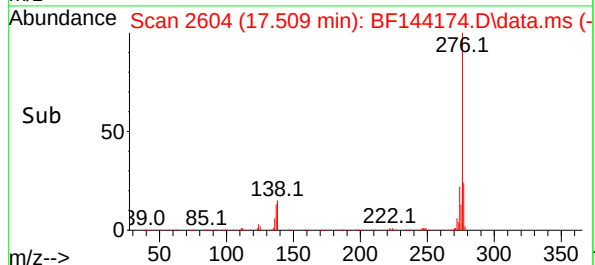
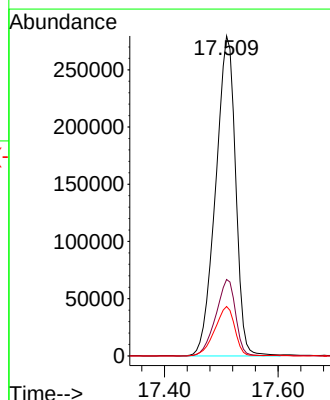
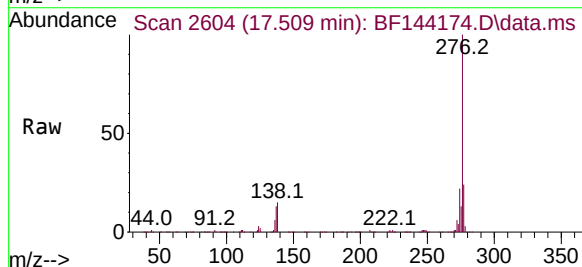
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:278 Resp: 688620
Ion Ratio Lower Upper
278 100
139 10.6 9.1 13.7
279 23.4 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 45.152 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.012 min
Lab File: BF144174.D
Acq: 05 Nov 2025 15:49

Tgt Ion:276 Resp: 680830
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 15.4 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144175.D
 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 05 17:24:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	63801	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	239743	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	126385	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	213136	20.000	ng	0.00
76) Chrysene-d12	14.057	240	145867	20.000	ng	0.00
86) Perylene-d12	15.539	264	205758	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	509184	124.890	ng	0.00
7) Phenol-d6	6.510	99	559443	121.101	ng	0.00
23) Nitrobenzene-d5	7.439	82	519687	125.195	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	198226	124.986	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1047440	122.404	ng	0.00
79) Terphenyl-d14	12.998	244	1057426	115.147	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	109742	65.106	ng	99
3) Pyridine	3.375	79	307664	65.424	ng	97
4) n-Nitrosodimethylamine	3.334	42	166098	67.619	ng	97
6) Aniline	6.539	93	409356	62.194	ng	99
8) 2-Chlorophenol	6.663	128	247503	61.902	ng	99
9) Benzaldehyde	6.428	77	150534	57.706	ng	98
10) Phenol	6.522	94	342646	60.707	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	256657	62.405	ng	96
12) 1,3-Dichlorobenzene	6.816	146	303642	61.543	ng	98
13) 1,4-Dichlorobenzene	6.892	146	306973	62.104	ng	99
14) 1,2-Dichlorobenzene	7.045	146	293432	61.936	ng	99
15) Benzyl Alcohol	7.016	79	229107	62.632	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	467387	61.712	ng	96
17) 2-Methylphenol	7.128	107	191705	60.269	ng	96
18) Hexachloroethane	7.386	117	103964	63.308	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	179314	58.963	ng	96
20) 3+4-Methylphenols	7.281	107	224891	59.977	ng	91
22) Acetophenone	7.286	105	302907	58.897	ng	94
24) Nitrobenzene	7.463	77	285924	63.439	ng	98
25) Isophorone	7.698	82	485836	61.876	ng	99
26) 2-Nitrophenol	7.775	139	144140	64.606	ng	96
27) 2,4-Dimethylphenol	7.810	122	212249	63.471	ng	95
28) bis(2-Chloroethoxy)met...	7.904	93	304411	62.085	ng	99
29) 2,4-Dichlorophenol	8.016	162	234718	60.899	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	240858	60.858	ng	98
31) Naphthalene	8.181	128	684579	60.028	ng	100
32) Benzoic acid	7.933	122	136682	55.761	ng	96
33) 4-Chloroaniline	8.228	127	255554	61.441	ng	98
34) Hexachlorobutadiene	8.298	225	182626	61.229	ng	98
35) Caprolactam	8.610	113	62840	59.512	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	208910	60.481	ng	99
37) 2-Methylnaphthalene	8.875	142	447909	58.743	ng	98
38) 1-Methylnaphthalene	8.975	142	431529	58.654	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	271508	65.549	ng	99
41) Hexachlorocyclopentadiene	9.022	237	95909	64.419	ng	96
43) 2,4,6-Trichlorophenol	9.151	196	185412	65.769	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144175.D
 Acq On : 05 Nov 2025 16:19
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Nov 05 17:24:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	190324	62.639	ng	99
46) 1,1'-Biphenyl	9.339	154	549700	62.310	ng	99
47) 2-Chloronaphthalene	9.363	162	474514	63.056	ng	99
48) 2-Nitroaniline	9.457	65	141938	65.370	ng	98
49) Acenaphthylene	9.775	152	636324	62.050	ng	100
50) Dimethylphthalate	9.633	163	521205	62.250	ng	99
51) 2,6-Dinitrotoluene	9.698	165	110140	64.983	ng	99
52) Acenaphthene	9.951	154	423653	61.778	ng	99
53) 3-Nitroaniline	9.869	138	119967	64.749	ng	100
54) 2,4-Dinitrophenol	9.980	184	63597	62.138	ng	98
55) Dibenzofuran	10.122	168	592400	61.680	ng	98
56) 4-Nitrophenol	10.033	139	80163	59.812	ng	97
57) 2,4-Dinitrotoluene	10.104	165	142910	62.984	ng	97
58) Fluorene	10.469	166	435687	59.664	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	140953	65.569	ng	97
60) Diethylphthalate	10.333	149	468931	60.755	ng	98
61) 4-Chlorophenyl-phenylether	10.457	204	249857	60.068	ng	97
62) 4-Nitroaniline	10.486	138	109153	61.862	ng	97
63) Azobenzene	10.616	77	453890	63.187	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	90823	62.727	ng	97
66) n-Nitrosodiphenylamine	10.574	169	421720	61.520	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	170395	62.634	ng	99
68) Hexachlorobenzene	11.016	284	204258	63.744	ng	96
69) Atrazine	11.104	200	134002	61.467	ng	100
70) Pentachlorophenol	11.216	266	103466	64.842	ng	99
71) Phenanthrene	11.433	178	641461	60.448	ng	99
72) Anthracene	11.486	178	656819	60.871	ng	100
73) Carbazole	11.639	167	546322	59.542	ng	100
74) Di-n-butylphthalate	11.969	149	677444	61.075	ng	99
75) Fluoranthene	12.627	202	667021	60.849	ng	99
77) Benzidine	12.745	184	277725	64.368	ng	100
78) Pyrene	12.857	202	686663	58.384	ng	100
80) Butylbenzylphthalate	13.468	149	249274	61.152	ng	100
81) Benzo(a)anthracene	14.051	228	653341	64.625	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	232807	67.182	ng	96
83) Chrysene	14.086	228	580449	62.196	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	351501	62.991	ng	98
85) Di-n-octyl phthalate	14.645	149	631065	65.547	ng	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	938738	63.557	ng	100
88) Benzo(b)fluoranthene	15.109	252	700099	59.849	ng	99
89) Benzo(k)fluoranthene	15.139	252	699851	63.919	ng	98
90) Benzo(a)pyrene	15.480	252	680720	63.078	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	746544	62.936	ng	98
92) Benzo(g,h,i)perylene	17.515	276	757880	64.699	ng	98

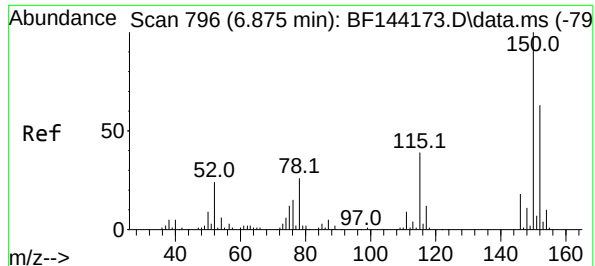
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

TIC: BF144175.D\data.ms

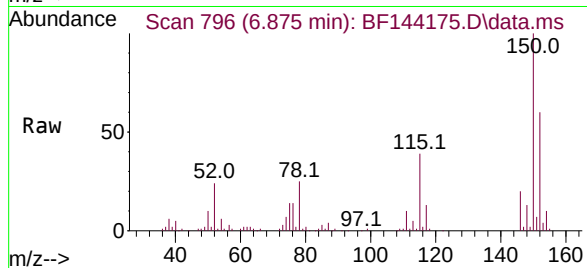
The chromatogram displays a complex mixture of compounds. Key peaks include:

- 1,4-Dioxane at approximately 3.2 minutes.
- n-Nitrosodimethylamine at approximately 3.8 minutes.
- 2-Fluorophenol, S at approximately 5.8 minutes.
- A large cluster of peaks between 6.5 and 9.5 minutes, including Benzaldehyde, Aniline, Phenol-d6, S, Phenol-d5, S, Nitrobenzene-d5, S, and many others.
- 2-Chloro-3-methylphenol, C at approximately 9.2 minutes.
- 2-Fluorethylphenyl, S at approximately 9.8 minutes.
- Terphenyl-d14, S at approximately 13.2 minutes.
- Indene(1,2,3-bcd)pyrene at approximately 17.5 minutes.

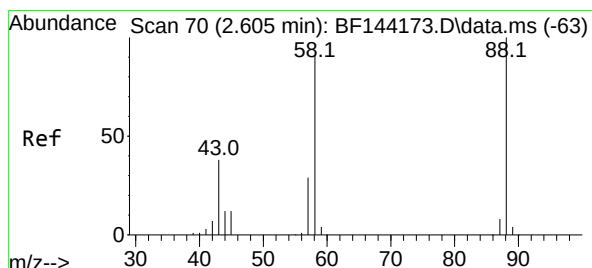
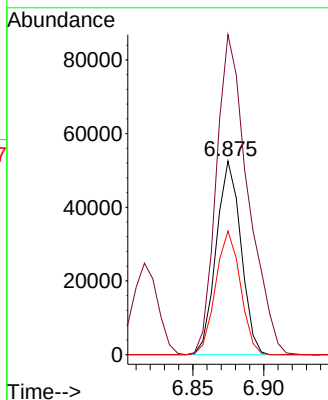
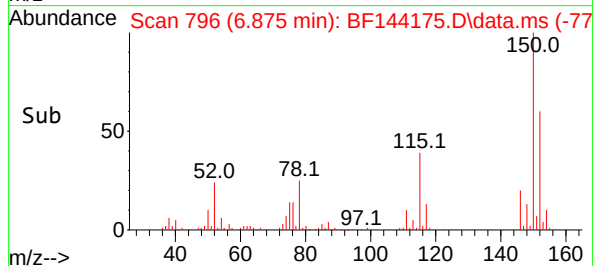


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

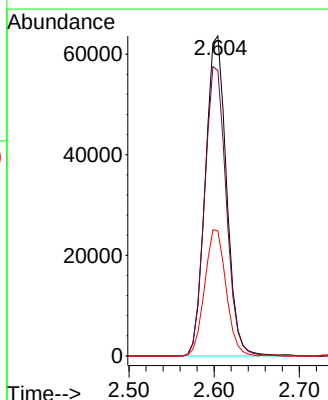
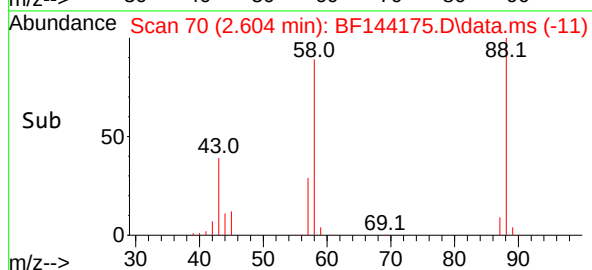
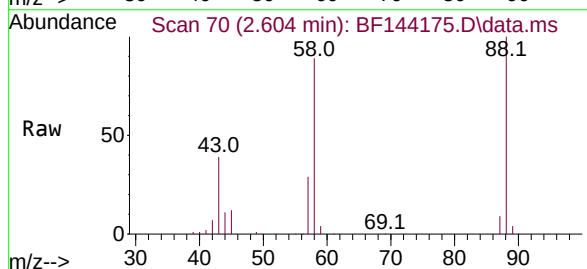


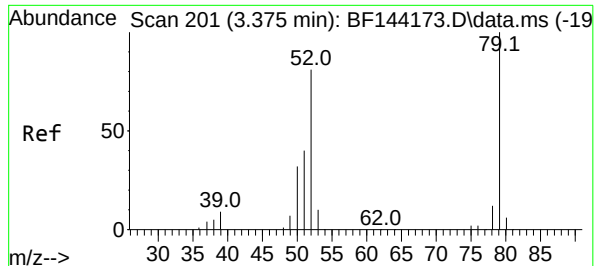
Tgt Ion:152 Resp: 63801
Ion Ratio Lower Upper
152 100
150 165.3 127.4 191.0
115 63.8 49.5 74.3



#2
1,4-Dioxane
Concen: 65.106 ng
RT: 2.604 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 88 Resp: 109742
Ion Ratio Lower Upper
88 100
58 92.2 73.1 109.7
43 39.9 31.0 46.6

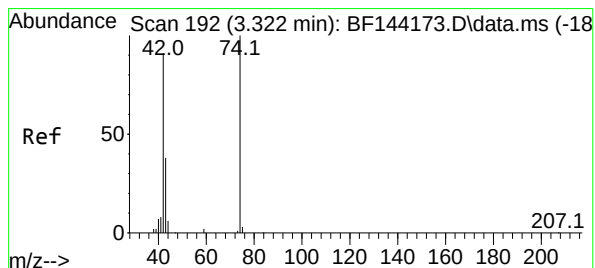
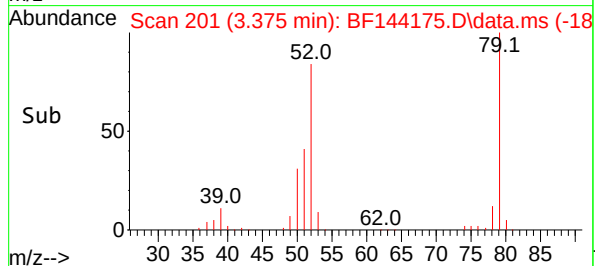
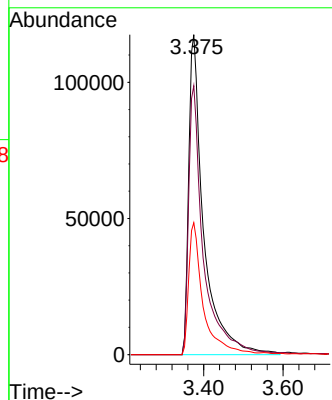
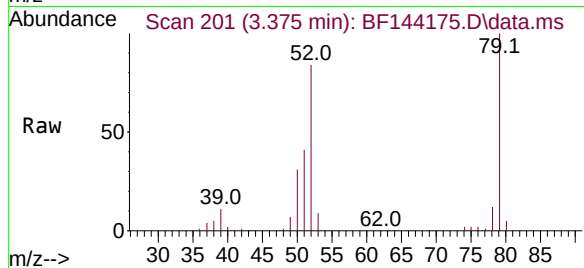




#3
Pyridine
Concen: 65.424 ng
RT: 3.375 min Scan# 201
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

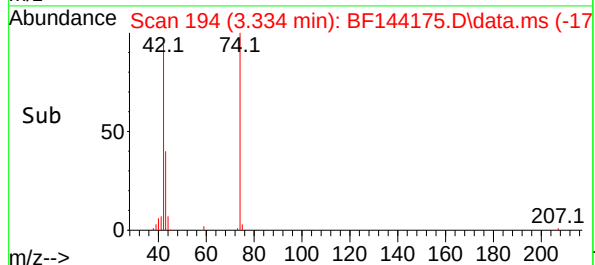
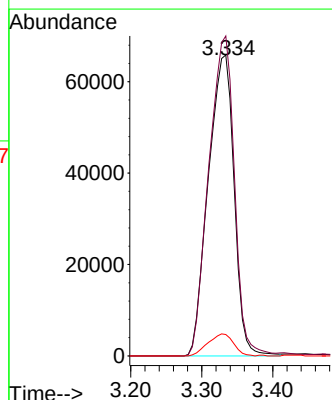
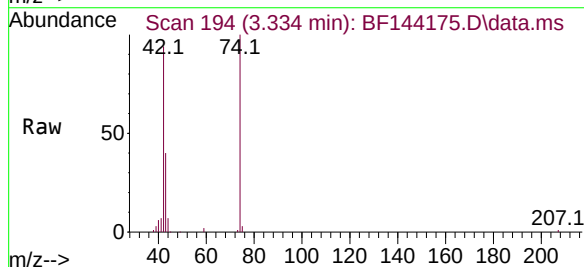
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

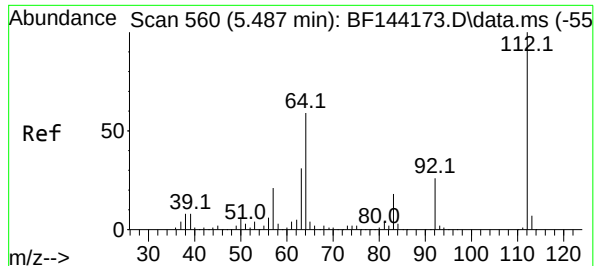
Tgt Ion: 79 Resp: 307664
Ion Ratio Lower Upper
79 100
52 84.0 64.5 96.7
51 41.2 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 67.619 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 42 Resp: 166098
Ion Ratio Lower Upper
42 100
74 106.4 88.2 132.4
44 7.1 5.7 8.5

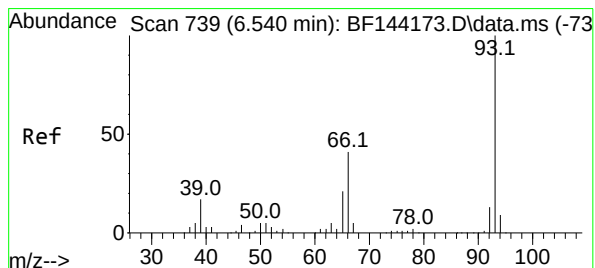
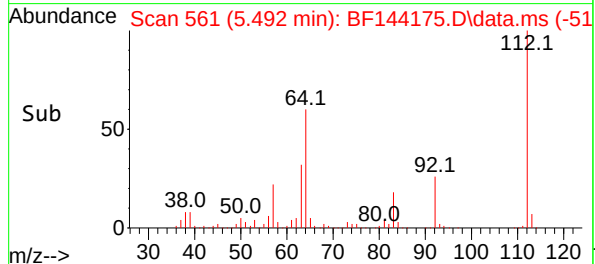
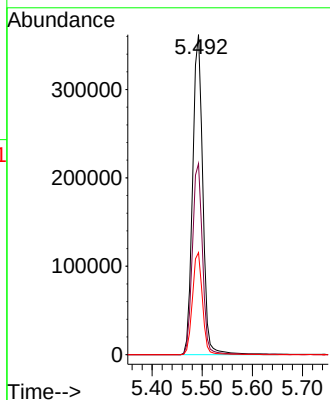
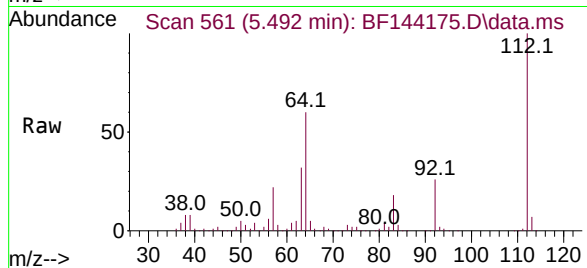




#5
2-Fluorophenol
Concen: 124.890 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

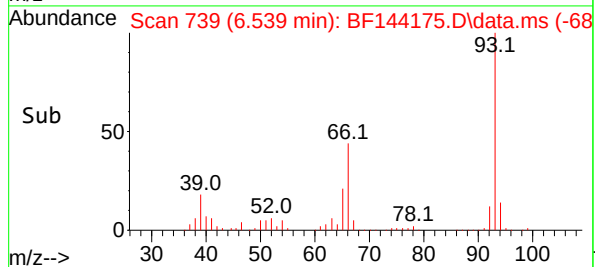
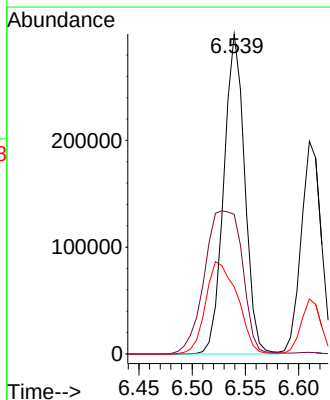
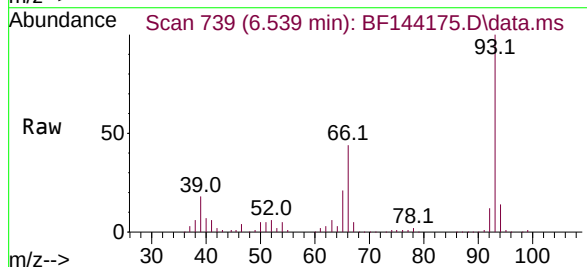
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

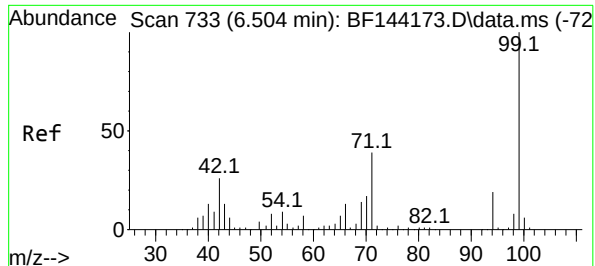
Tgt Ion:112 Resp: 509184
Ion Ratio Lower Upper
112 100
64 59.7 47.2 70.8
63 31.9 24.4 36.6



#6
Aniline
Concen: 62.194 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 93 Resp: 409356
Ion Ratio Lower Upper
93 100
66 43.6 34.3 51.5
65 21.0 16.9 25.3

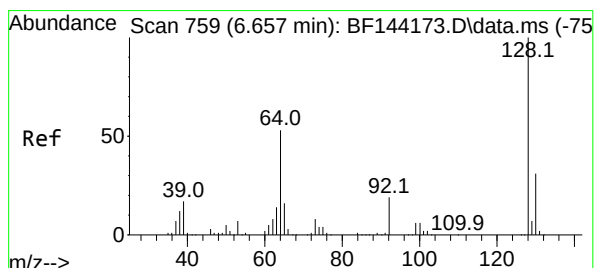
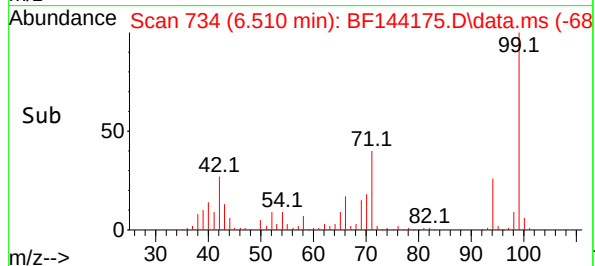
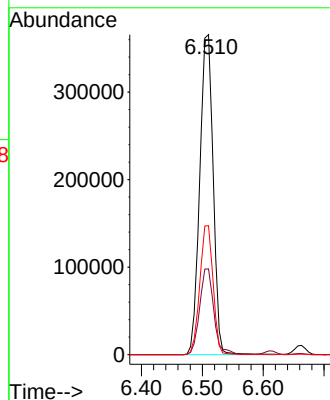
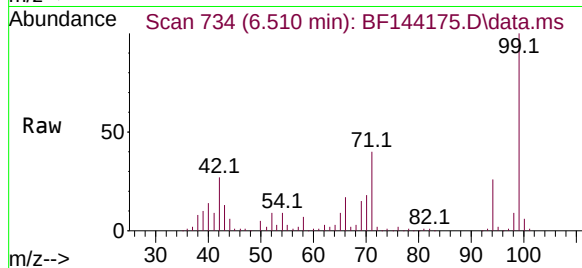




#7
Phenol-d6
Concen: 121.101 ng
RT: 6.510 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

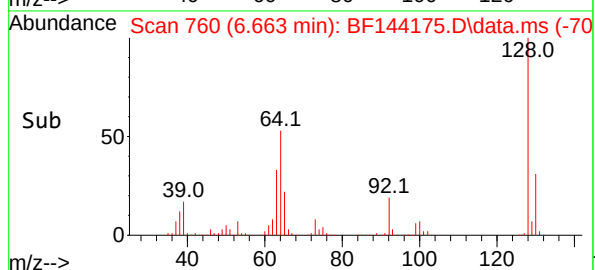
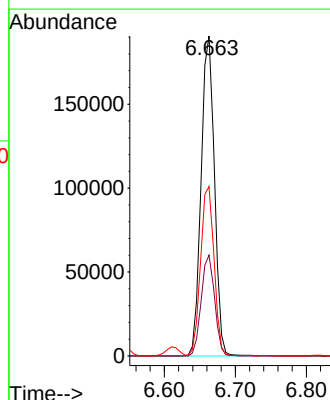
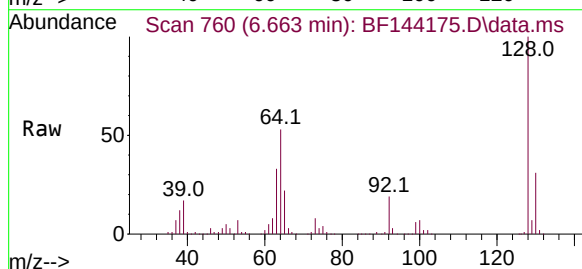
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

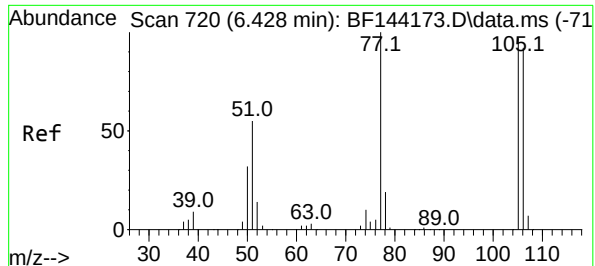
Tgt Ion: 99 Resp: 559443
Ion Ratio Lower Upper
99 100
42 26.8 20.9 31.3
71 40.3 31.4 47.2



#8
2-Chlorophenol
Concen: 61.902 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 128 Resp: 247503
Ion Ratio Lower Upper
128 100
130 31.5 10.5 50.5
64 52.9 33.2 73.2





#9

Benzaldehyde

Concen: 57.706 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

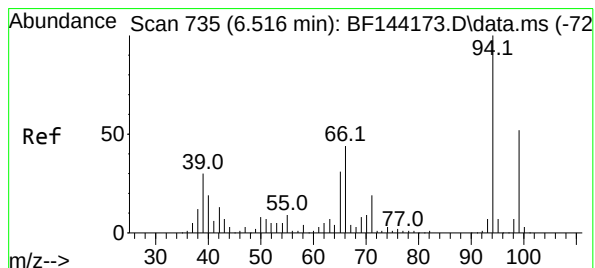
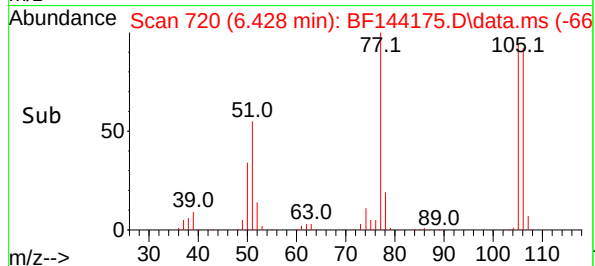
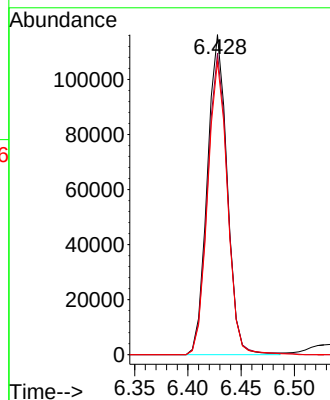
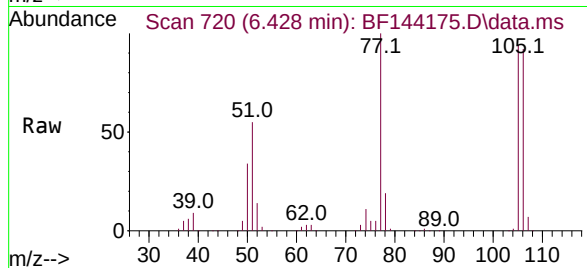
Tgt Ion: 77 Resp: 150534

Ion Ratio Lower Upper

77 100

105 94.2 77.2 117.2

106 91.6 72.2 112.2



#10

Phenol

Concen: 60.707 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

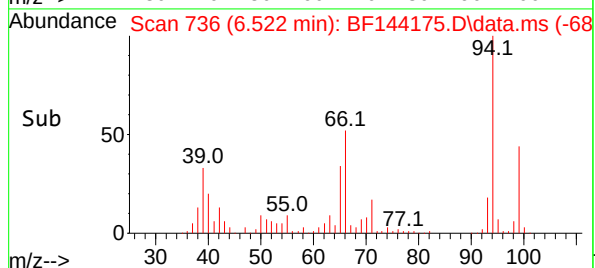
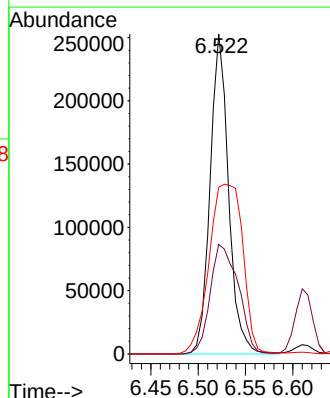
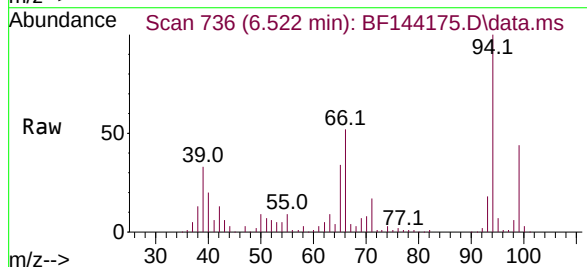
Tgt Ion: 94 Resp: 342646

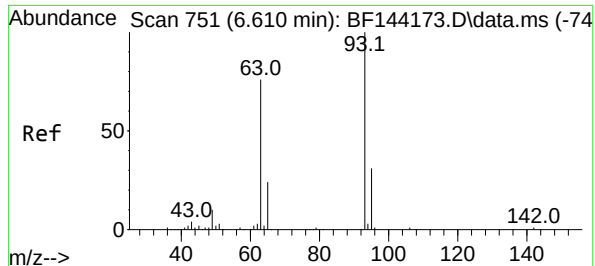
Ion Ratio Lower Upper

94 100

65 34.2 10.8 50.8

66 52.1 24.3 64.3

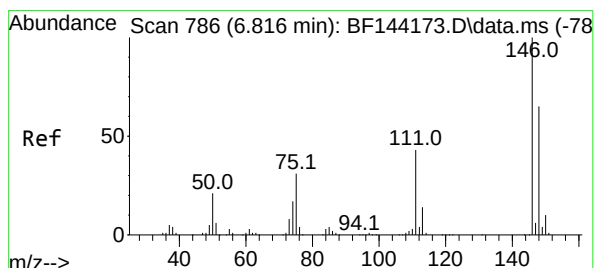
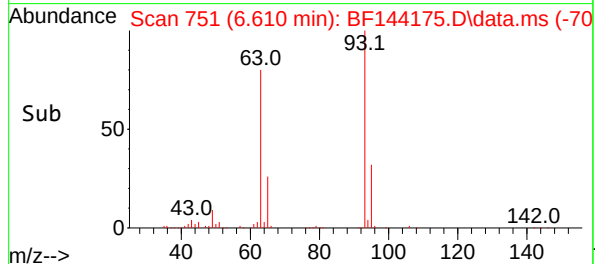
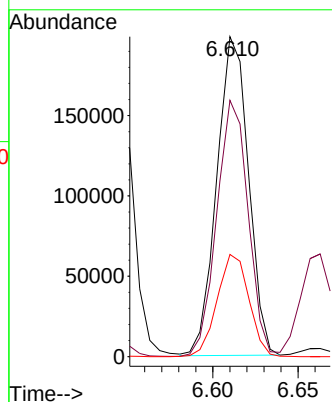
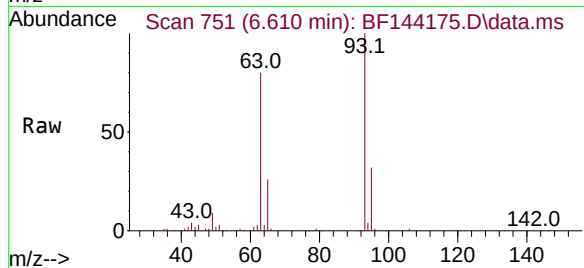




#11
bis(2-Chloroethyl)ether
Concen: 62.405 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

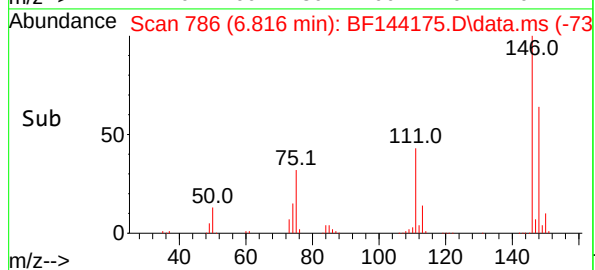
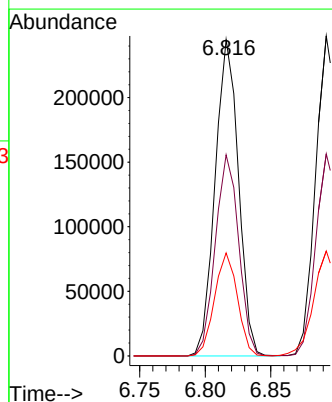
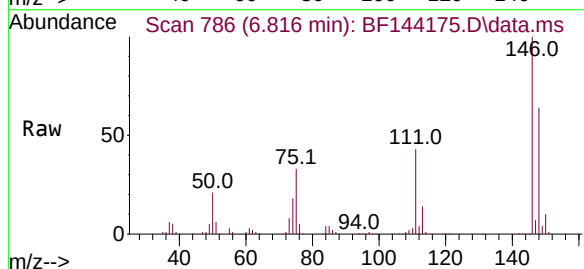
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

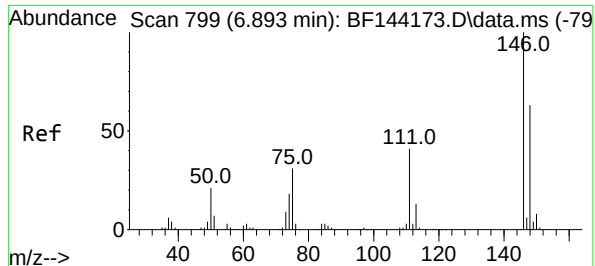
Tgt Ion: 93 Resp: 256657
Ion Ratio Lower Upper
93 100
63 80.1 55.2 95.2
95 31.9 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 61.543 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 146 Resp: 303642
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 32.6 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 62.104 ng

RT: 6.892 min Scan# 799

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

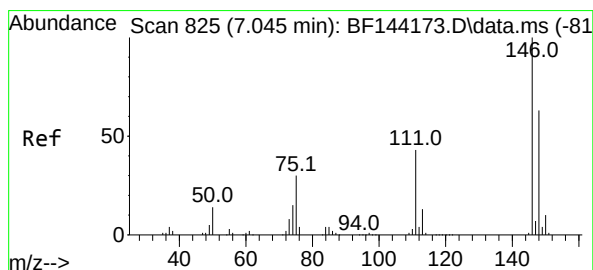
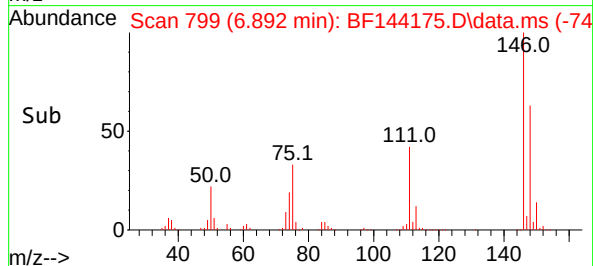
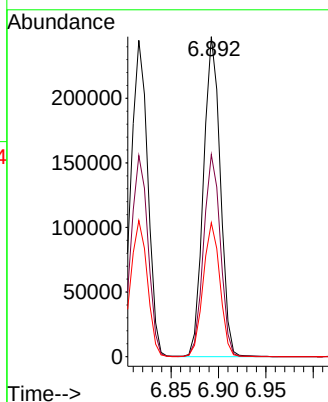
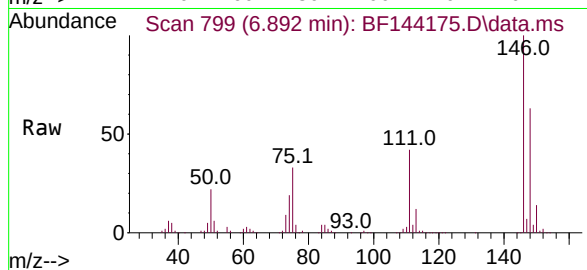
Tgt Ion:146 Resp: 306973

Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.2

111 41.8 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 61.936 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

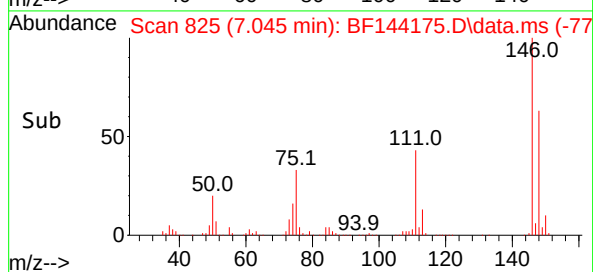
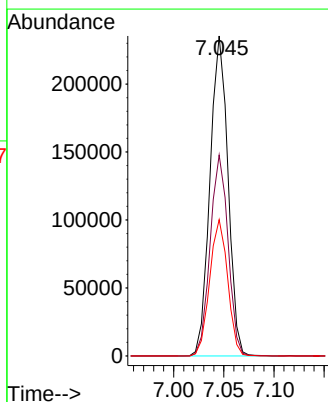
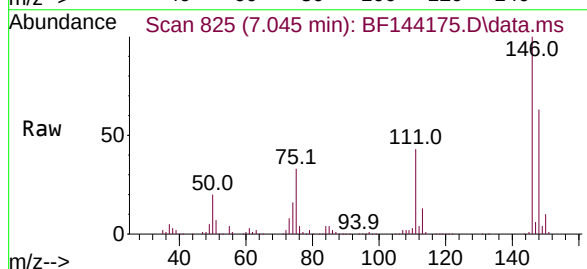
Tgt Ion:146 Resp: 293432

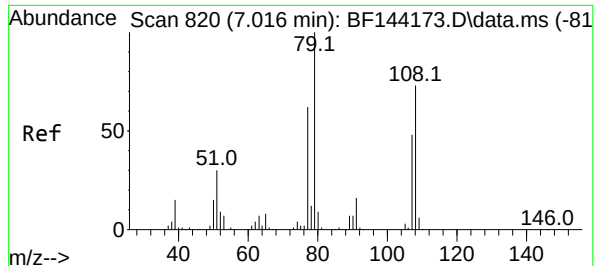
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 42.6 34.2 51.4

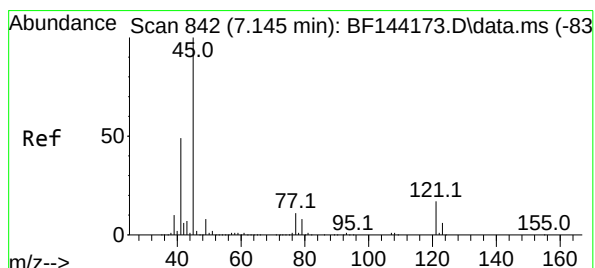
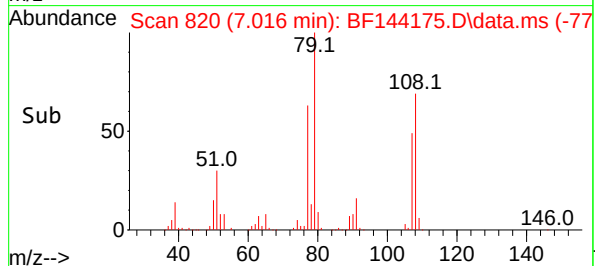
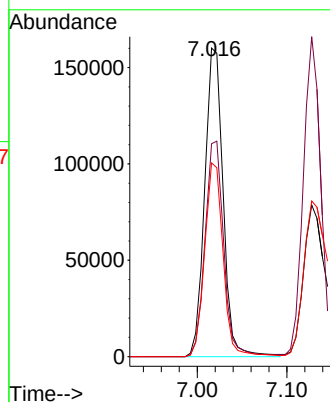
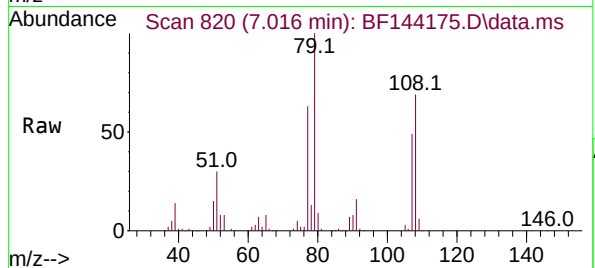




#15
Benzyl Alcohol
Concen: 62.632 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

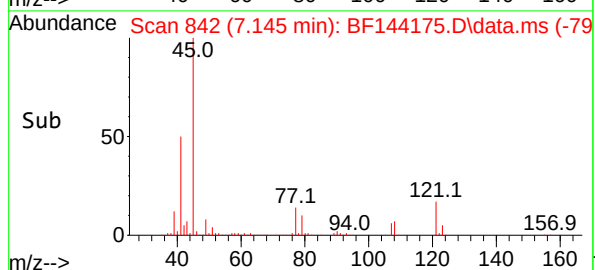
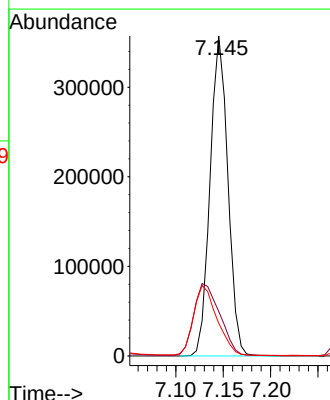
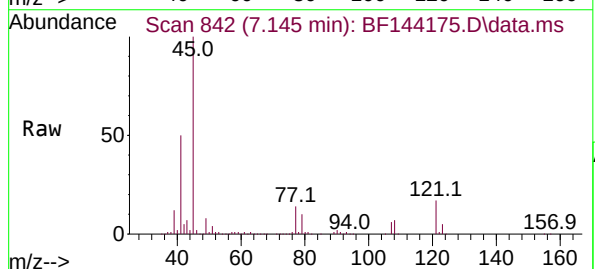
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

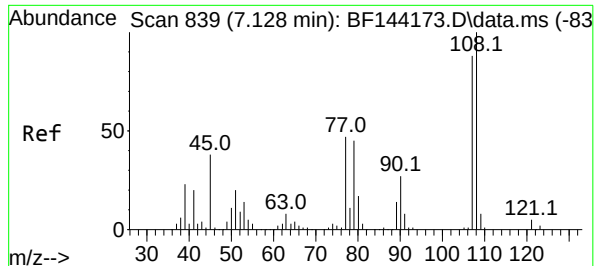
Tgt Ion: 79 Resp: 229107
Ion Ratio Lower Upper
79 100
108 69.0 58.2 87.4
77 62.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 61.712 ng
RT: 7.145 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 45 Resp: 467387
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.8
79 10.2 0.0 29.1

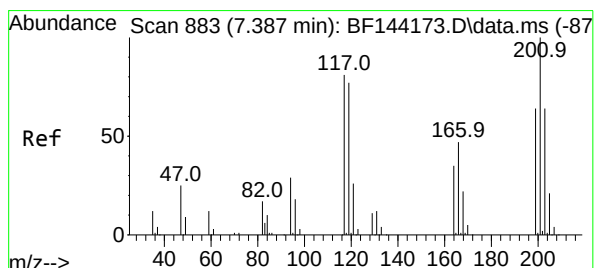
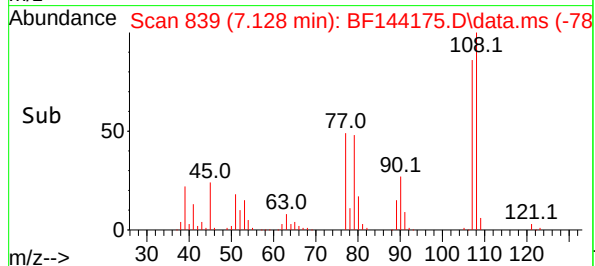
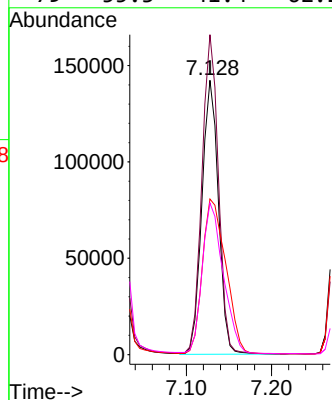
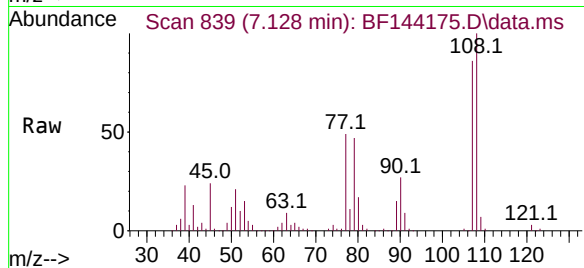




#17
2-Methylphenol
Concen: 60.269 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

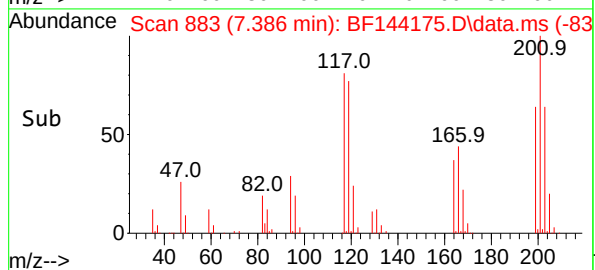
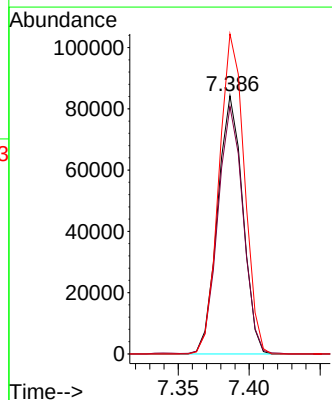
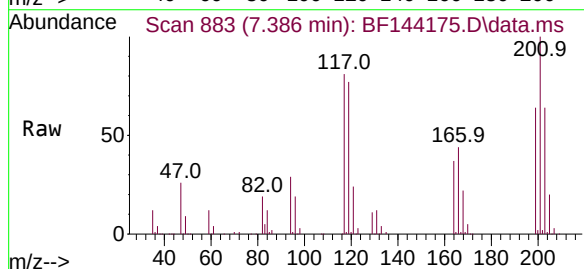
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

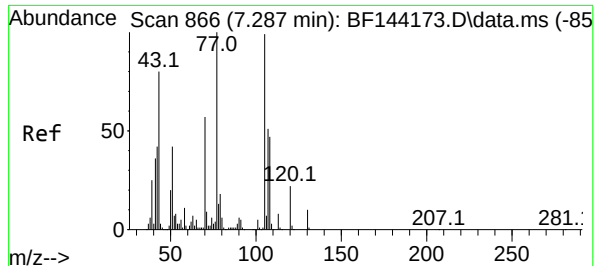
Tgt Ion:	107	Resp:	191705
Ion	Ratio	Lower	Upper
107	100		
108	116.6	91.0	136.4
77	56.7	42.7	64.1
79	55.3	41.4	62.2



#18
Hexachloroethane
Concen: 63.308 ng
RT: 7.386 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:	117	Resp:	103964
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.8	113.8
201	123.9	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 58.963 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 179314

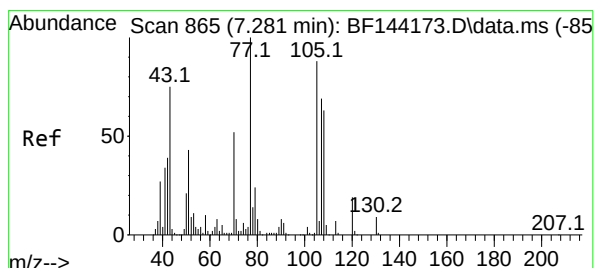
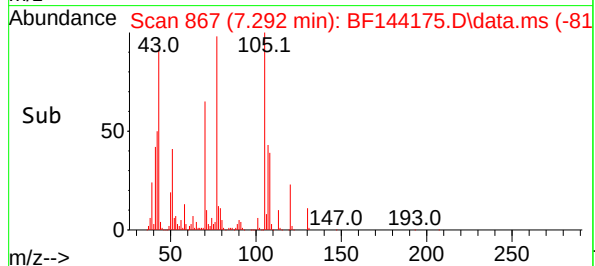
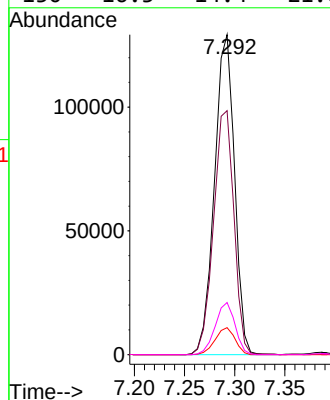
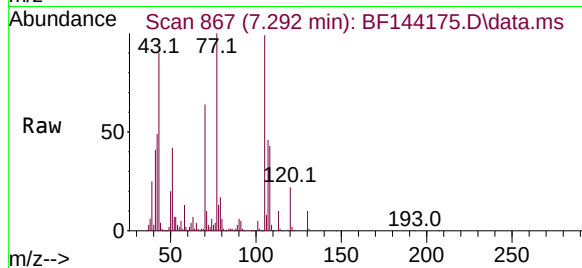
Ion Ratio Lower Upper

70 100

42 76.2 58.3 87.5

101 8.4 7.0 10.6

130 16.3 14.4 21.6



#20

3+4-Methylphenols

Concen: 59.977 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion: 107 Resp: 224891

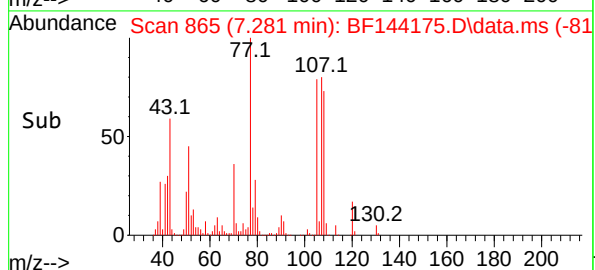
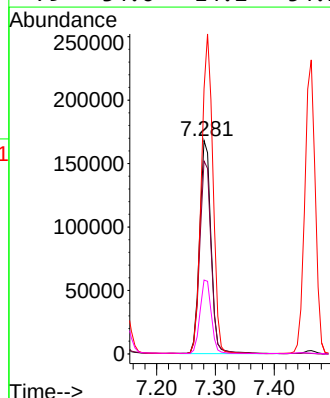
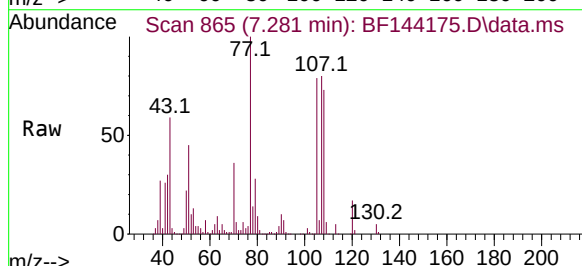
Ion Ratio Lower Upper

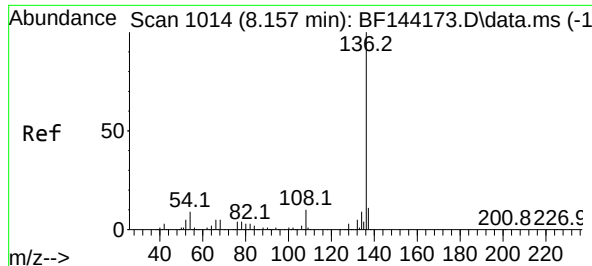
107 100

108 90.4 70.2 110.2

77 124.2 123.9 163.9

79 34.6 14.2 54.2

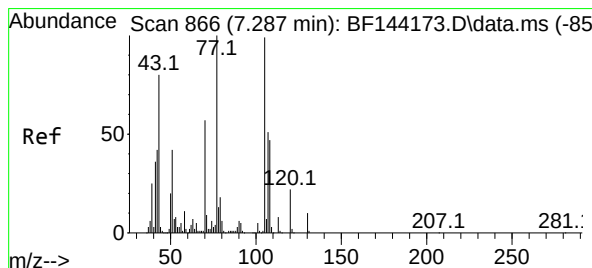
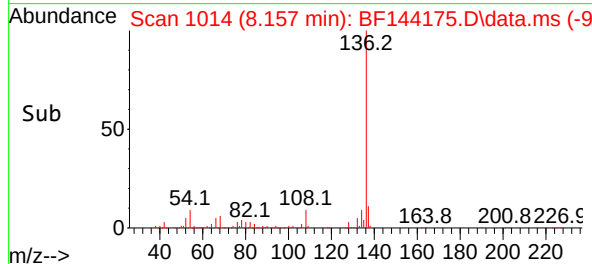
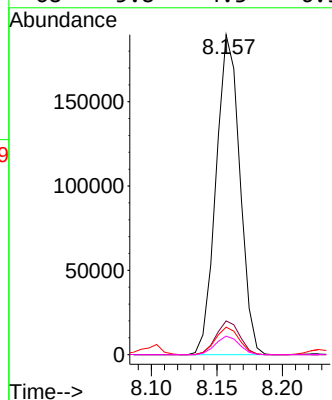
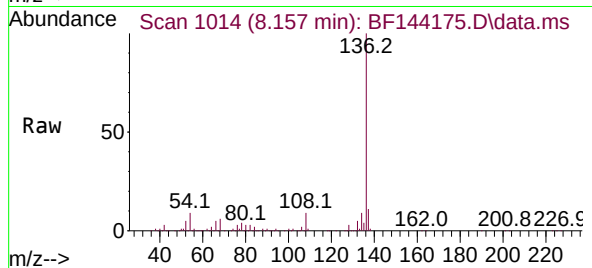




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

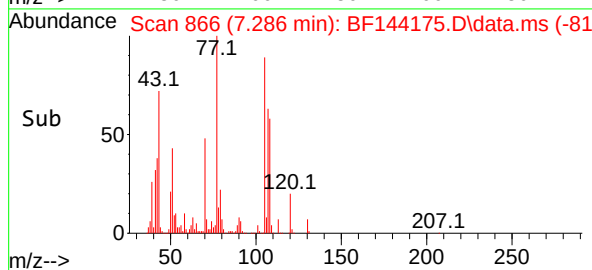
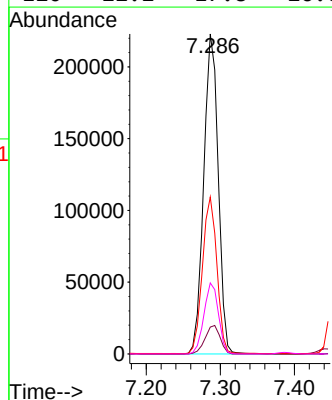
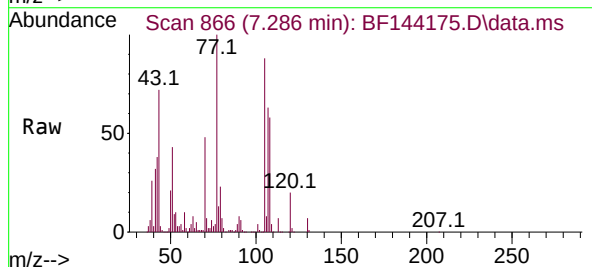
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

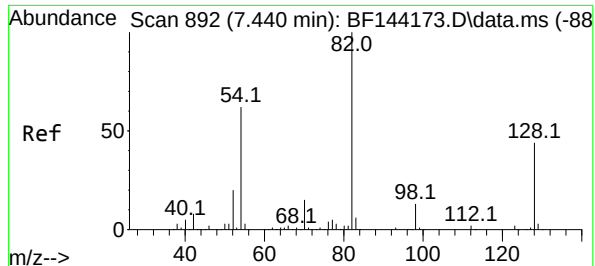
Tgt Ion:	136	Resp:	239743
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	8.6	7.0	10.6
68	5.8	4.3	6.5



#22
Acetophenone
Concen: 58.897 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:	105	Resp:	302907
Ion Ratio	Lower	Upper	
105	100		
71	8.4	7.2	10.8
51	49.0	34.0	51.0
120	22.2	17.8	26.6

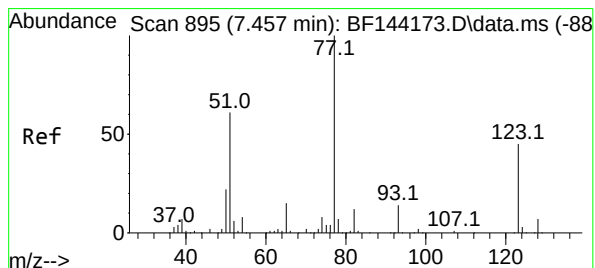
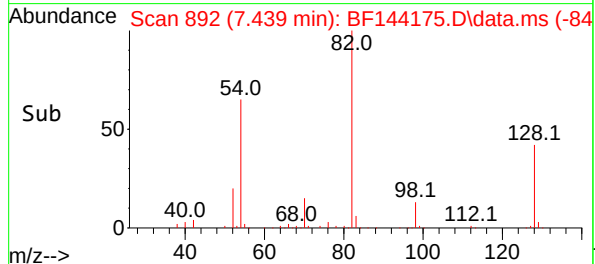
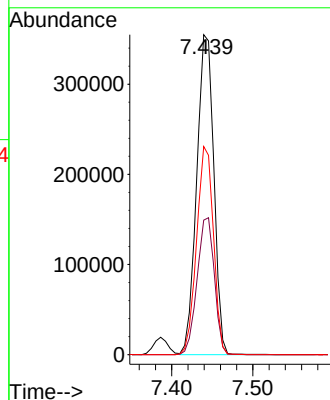
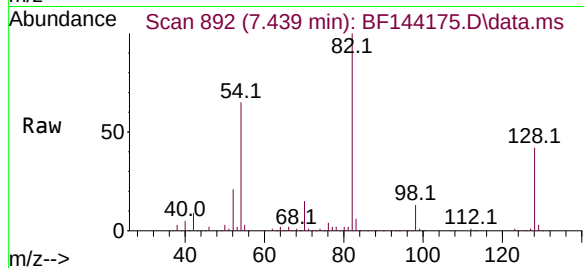




#23
Nitrobenzene-d5
Concen: 125.195 ng
RT: 7.439 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

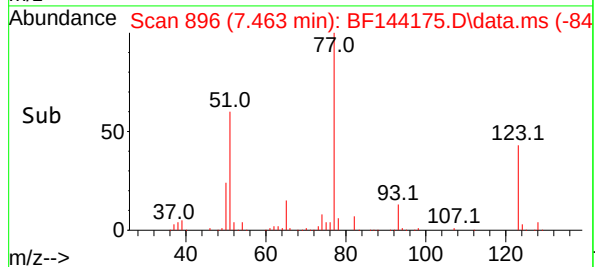
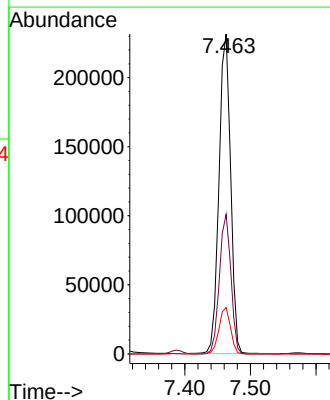
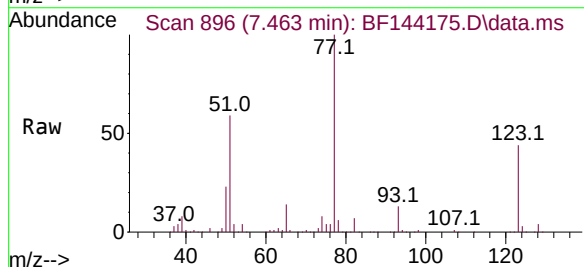
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

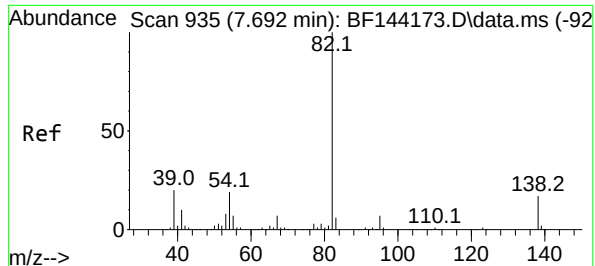
Tgt Ion: 82 Resp: 519687
Ion Ratio Lower Upper
82 100
128 42.0 34.7 52.1
54 65.1 49.5 74.3



#24
Nitrobenzene
Concen: 63.439 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 77 Resp: 285924
Ion Ratio Lower Upper
77 100
123 43.6 35.8 53.8
65 14.5 12.2 18.2





#25

Isophorone

Concen: 61.876 ng

RT: 7.698 min Scan# 936

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

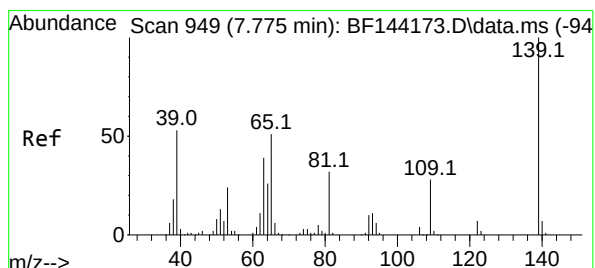
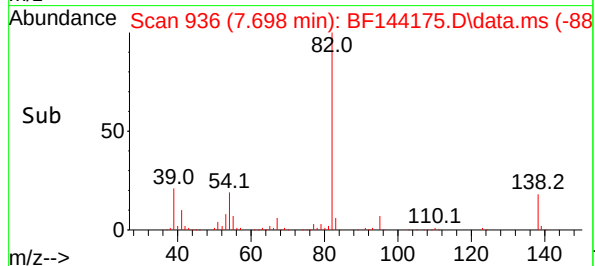
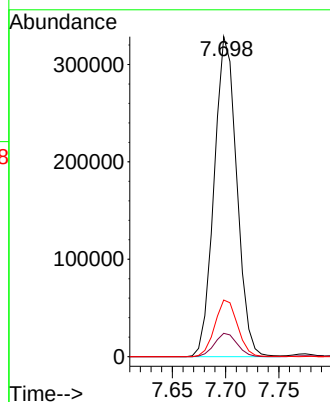
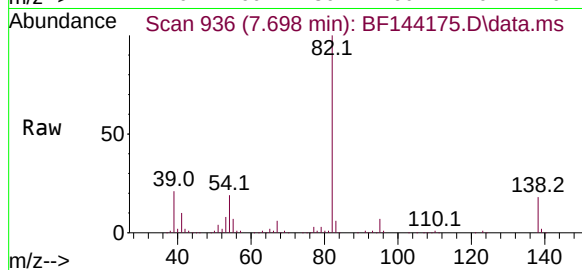
Tgt Ion: 82 Resp: 485836

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

138 17.7 13.7 20.5



#26

2-Nitrophenol

Concen: 64.606 ng

RT: 7.775 min Scan# 949

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

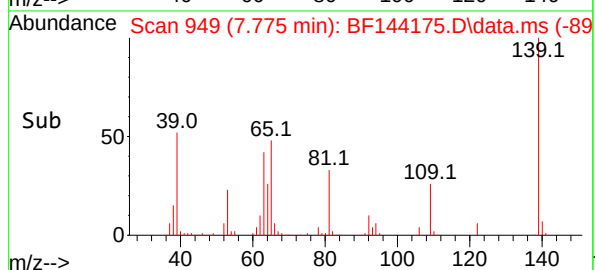
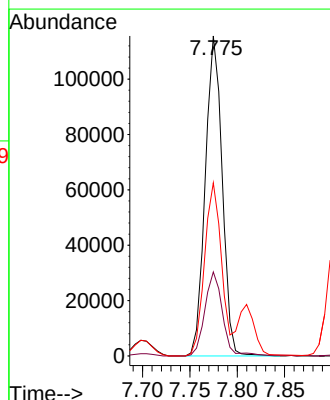
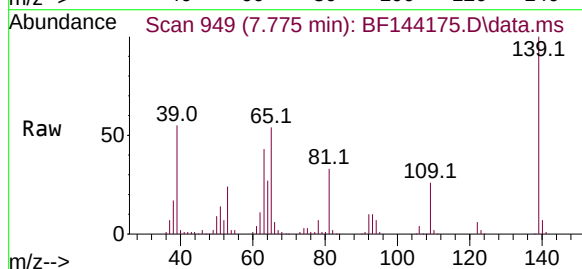
Tgt Ion:139 Resp: 144140

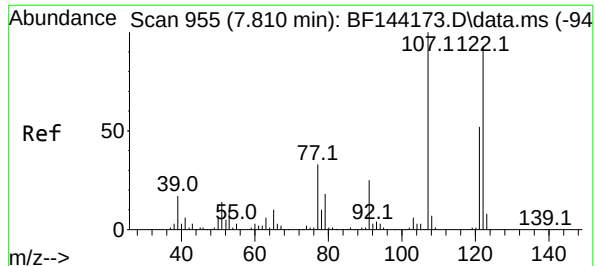
Ion Ratio Lower Upper

139 100

109 26.2 22.2 33.2

65 54.1 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 63.471 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

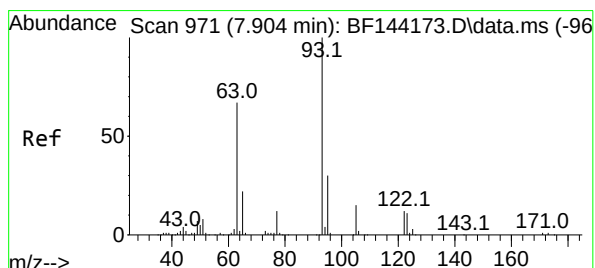
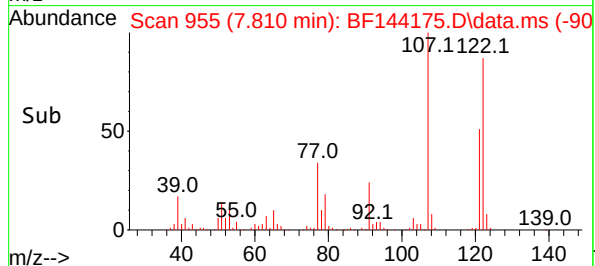
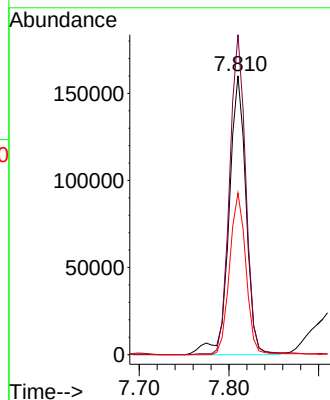
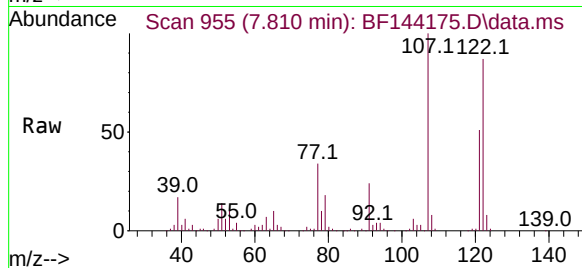
Tgt Ion:122 Resp: 212249

Ion Ratio Lower Upper

122 100

107 114.7 86.2 129.4

121 58.0 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 62.085 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

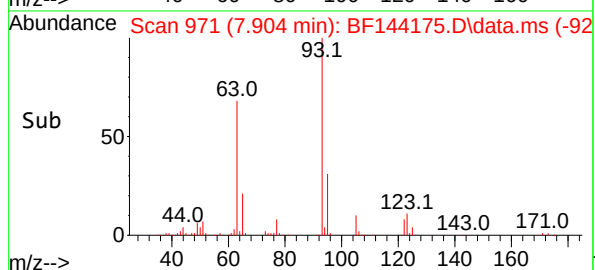
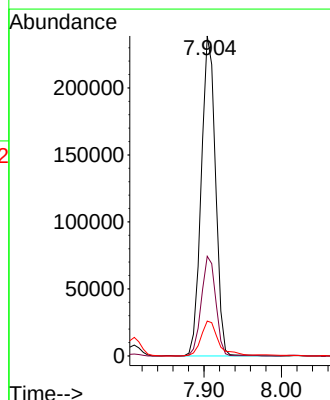
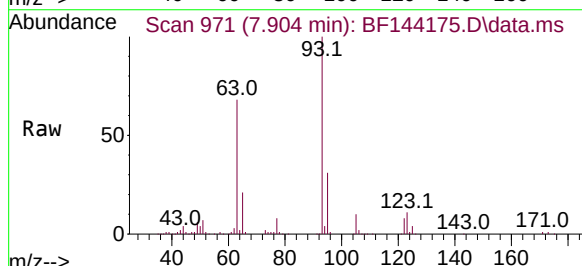
Tgt Ion: 93 Resp: 304411

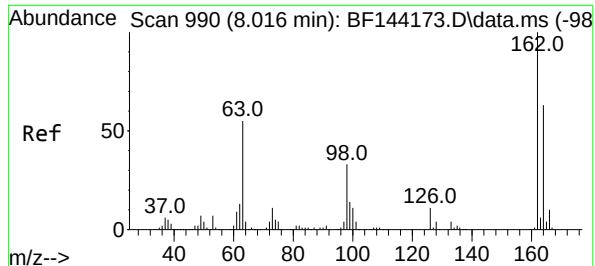
Ion Ratio Lower Upper

93 100

95 31.1 24.2 36.4

123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 60.899 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

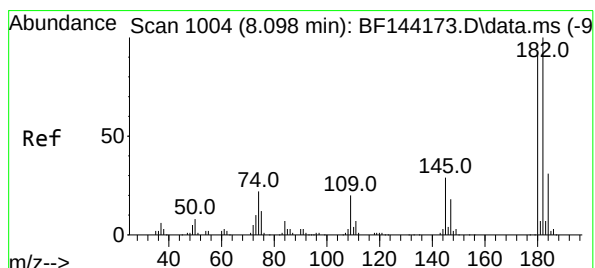
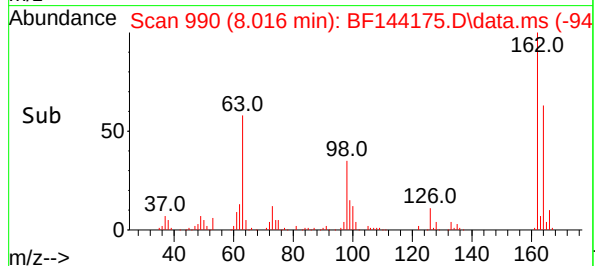
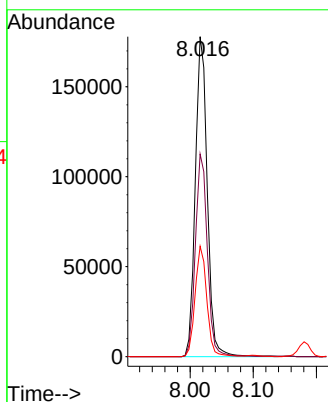
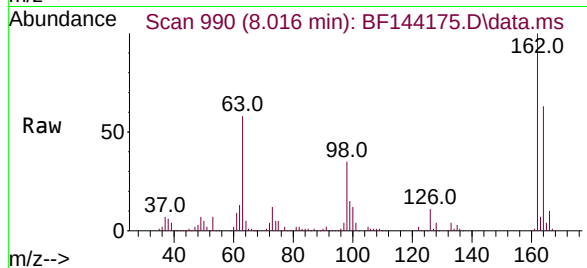
Tgt Ion:162 Resp: 234718

Ion Ratio Lower Upper

162 100

164 63.3 42.9 82.9

98 34.5 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 60.858 ng

RT: 8.098 min Scan# 1004

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

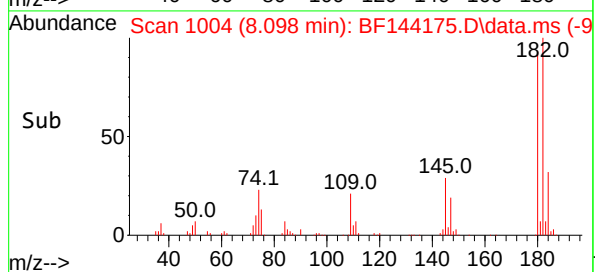
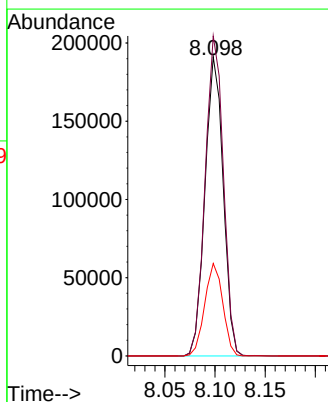
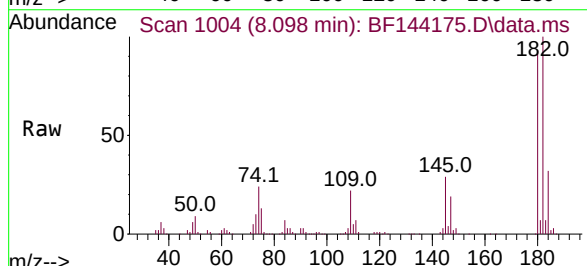
Tgt Ion:180 Resp: 240858

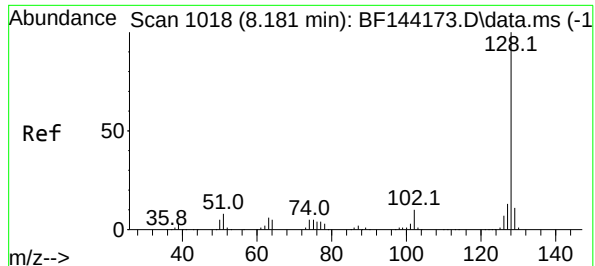
Ion Ratio Lower Upper

180 100

182 107.0 87.7 131.5

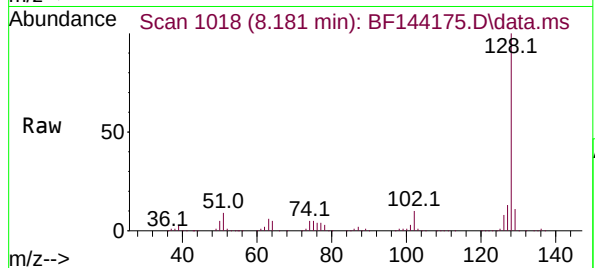
145 30.9 25.4 38.0



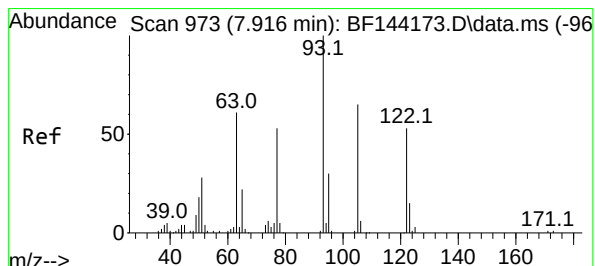
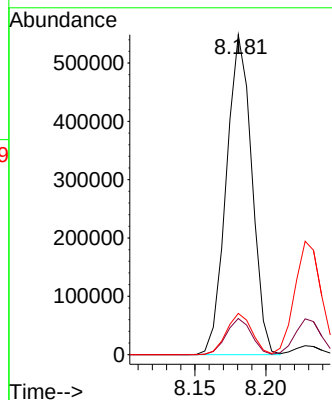
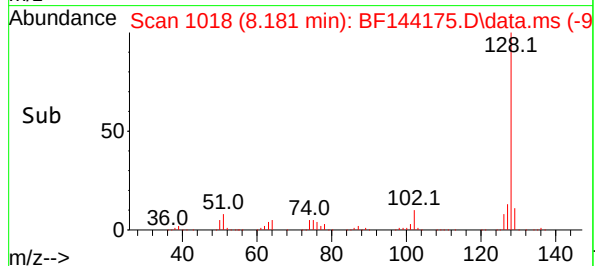


#31
Naphthalene
Concen: 60.028 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

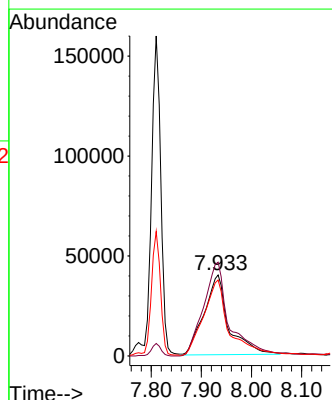
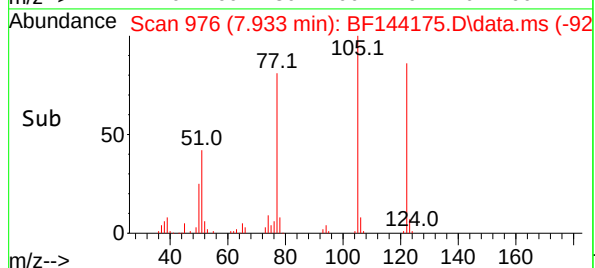
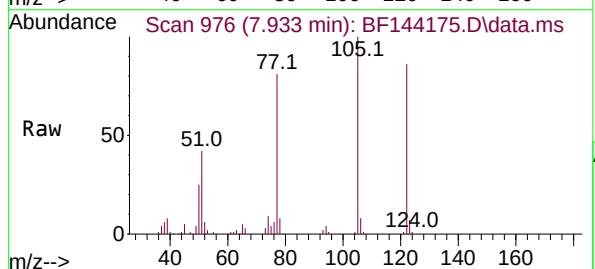


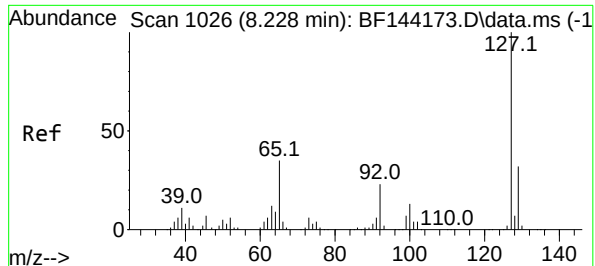
Tgt Ion:128 Resp: 684579
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 55.761 ng
RT: 7.933 min Scan# 976
Delta R.T. -0.018 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:122 Resp: 136682
Ion Ratio Lower Upper
122 100
105 115.8 99.9 139.9
77 93.8 77.5 117.5





#33

4-Chloroaniline

Concen: 61.441 ng

RT: 8.228 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:127 Resp: 255554

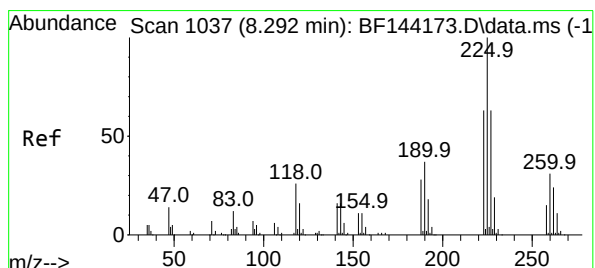
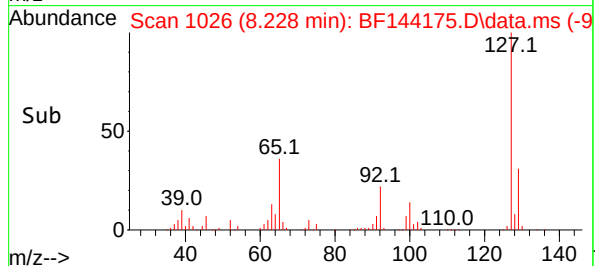
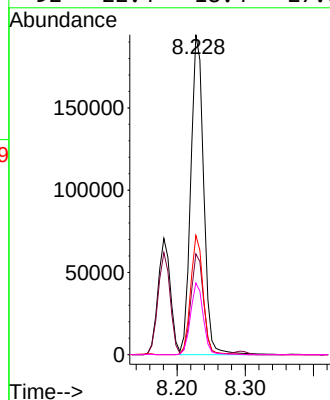
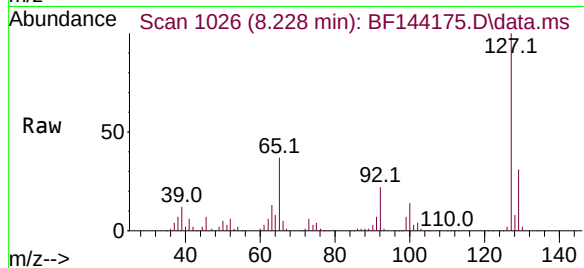
Ion Ratio Lower Upper

127 100

129 31.5 25.3 37.9

65 37.2 27.6 41.4

92 22.4 18.4 27.6



#34

Hexachlorobutadiene

Concen: 61.229 ng

RT: 8.298 min Scan# 1038

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

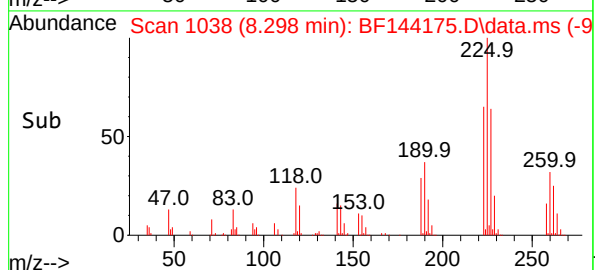
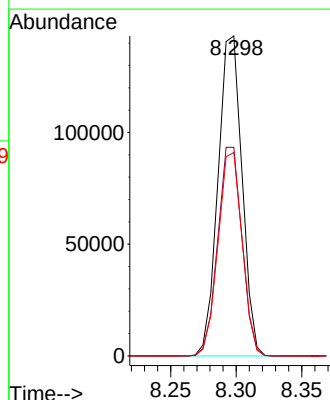
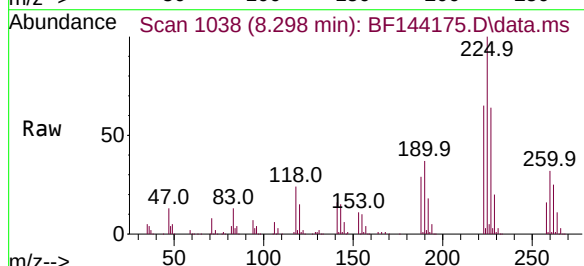
Tgt Ion:225 Resp: 182626

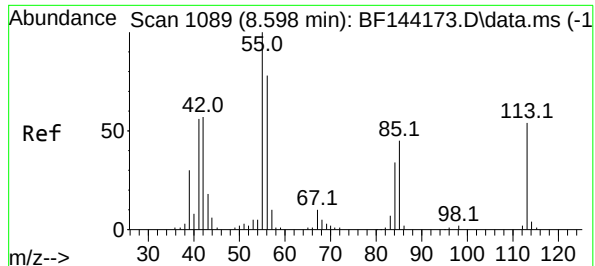
Ion Ratio Lower Upper

225 100

223 65.2 50.2 75.4

227 63.6 50.1 75.1

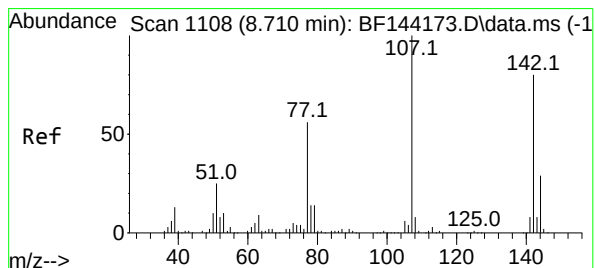
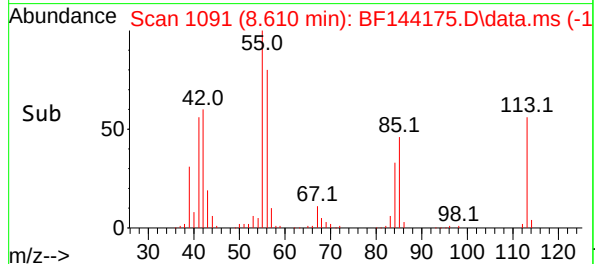
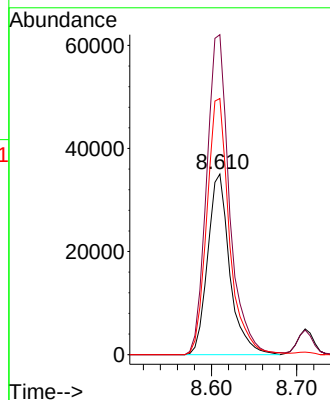
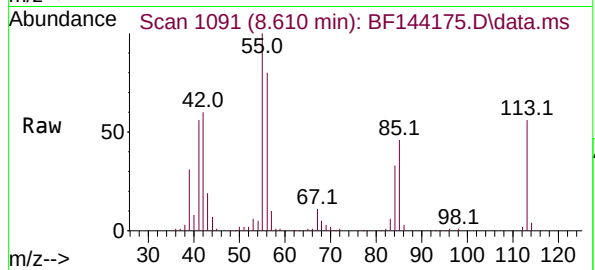




#35
Caprolactam
Concen: 59.512 ng
RT: 8.610 min Scan# 1091
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

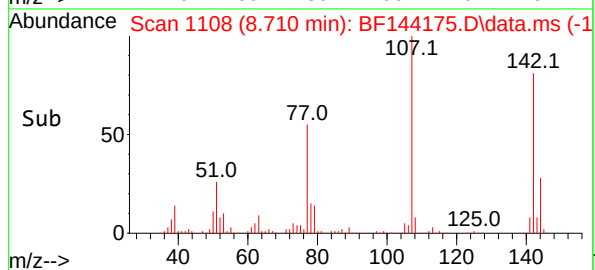
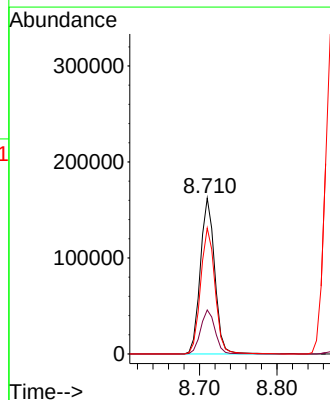
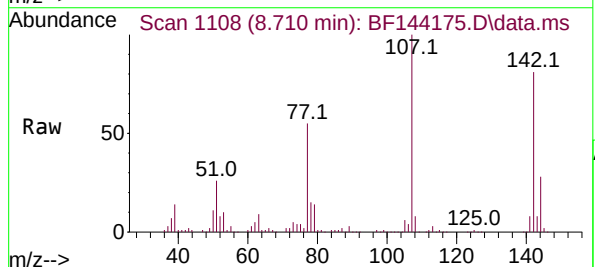
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

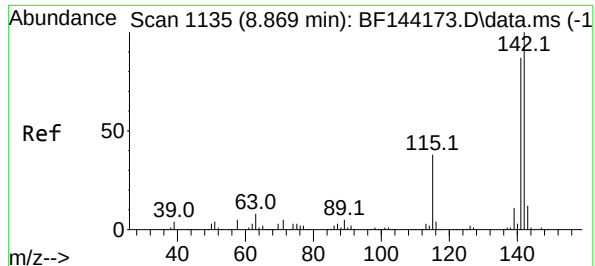
Tgt Ion:113 Resp: 62840
Ion Ratio Lower Upper
113 100
55 177.2 166.8 206.8
56 141.8 125.9 165.9



#36
4-Chloro-3-methylphenol
Concen: 60.481 ng
RT: 8.710 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:107 Resp: 208910
Ion Ratio Lower Upper
107 100
144 28.2 23.3 34.9
142 80.8 63.8 95.6





#37

2-Methylnaphthalene

Concen: 58.743 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

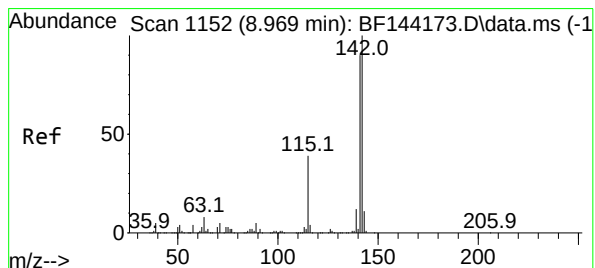
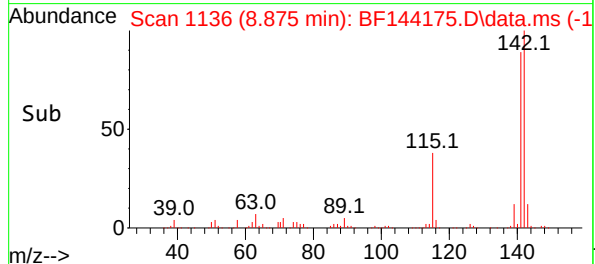
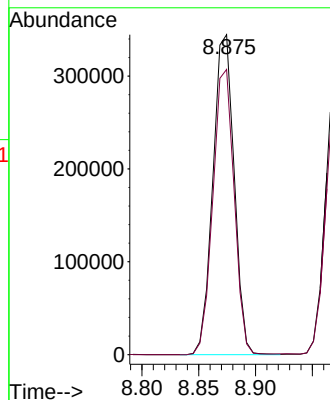
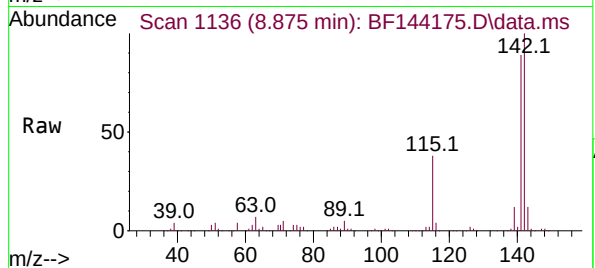
SSTDICC060

Tgt Ion:142 Resp: 447909

Ion Ratio Lower Upper

142 100

141 89.1 69.9 104.9



#38

1-Methylnaphthalene

Concen: 58.654 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF144175.D

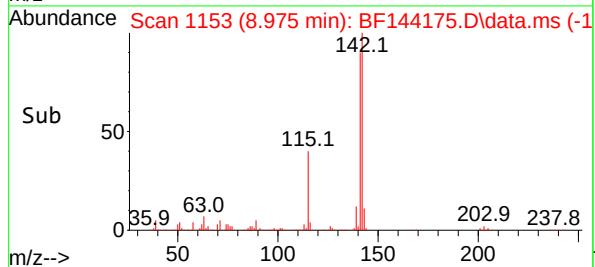
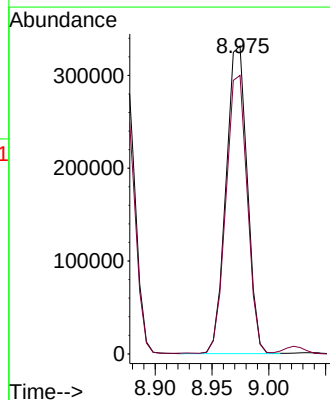
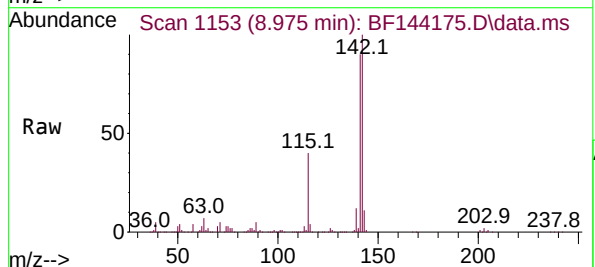
Acq: 05 Nov 2025 16:19

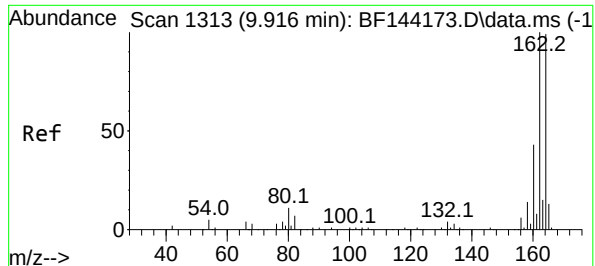
Tgt Ion:142 Resp: 431529

Ion Ratio Lower Upper

142 100

141 90.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

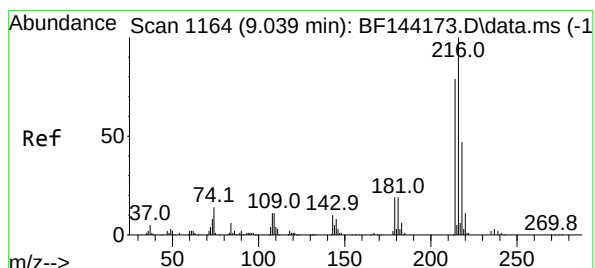
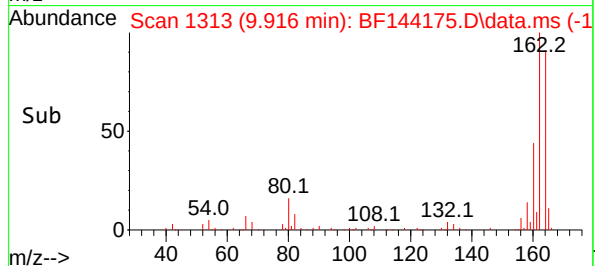
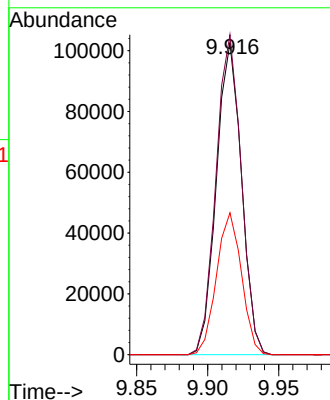
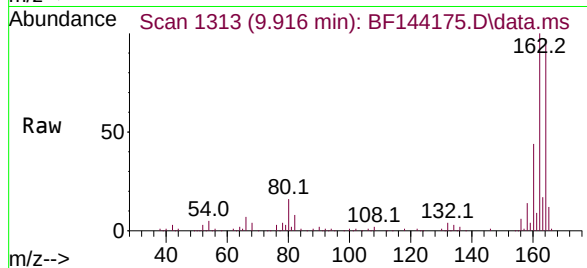
Tgt Ion:164 Resp: 126385

Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

160 45.5 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 65.549 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:216 Resp: 271508

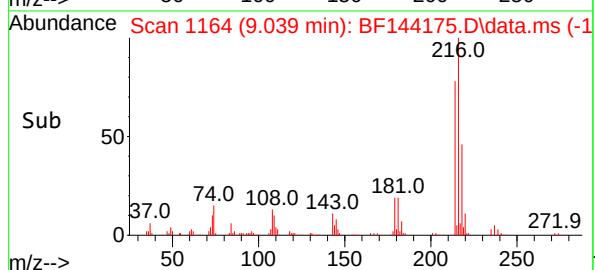
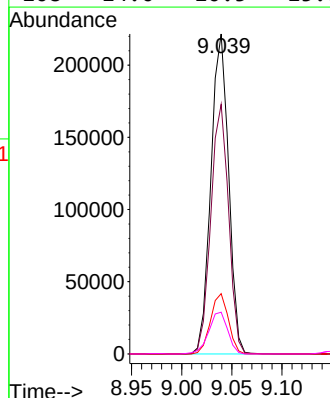
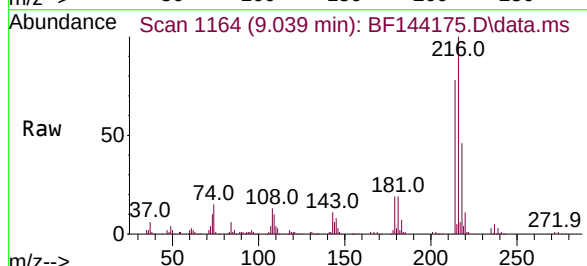
Ion Ratio Lower Upper

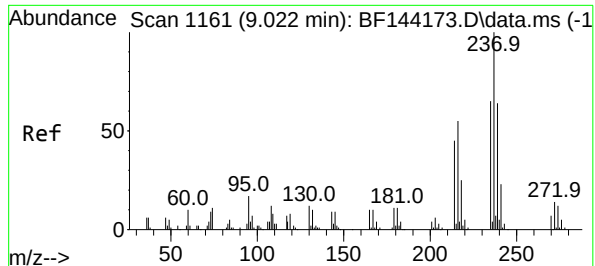
216 100

214 78.2 63.4 95.2

179 19.0 15.0 22.4

108 14.0 10.5 15.7

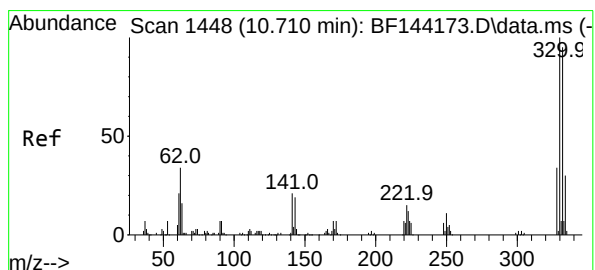
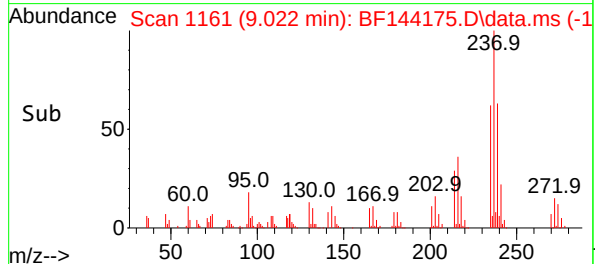
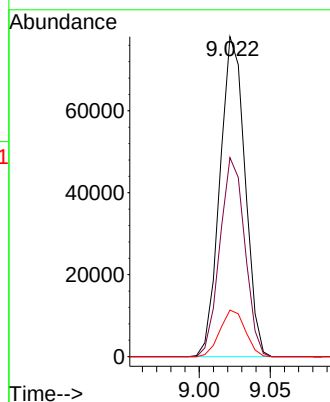
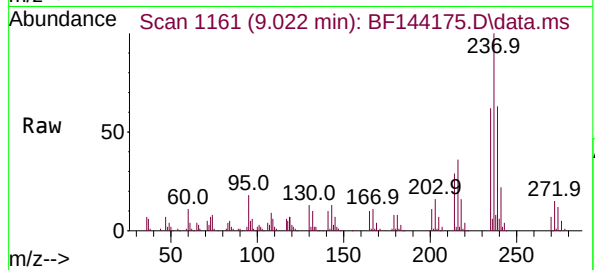




#41
Hexachlorocyclopentadiene
Concen: 64.419 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

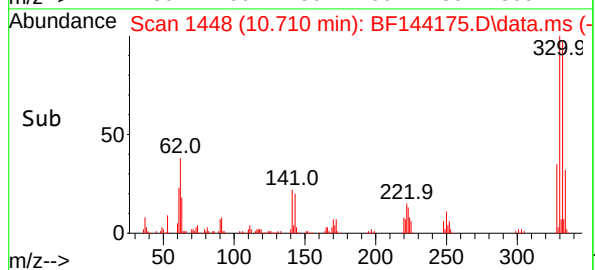
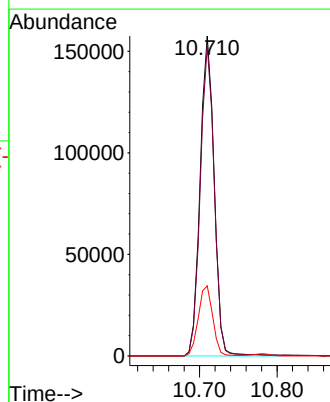
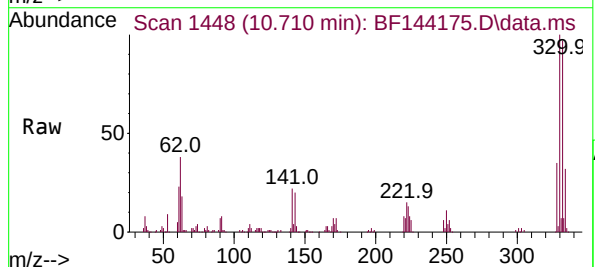
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

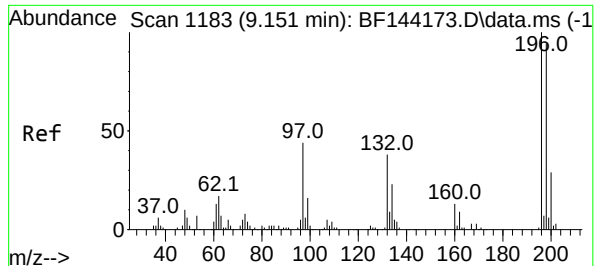
Tgt Ion:237 Resp: 95909
Ion Ratio Lower Upper
237 100
235 62.2 45.5 85.5
272 14.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 124.986 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:330 Resp: 198226
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 22.5 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 65.769 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF144175.D

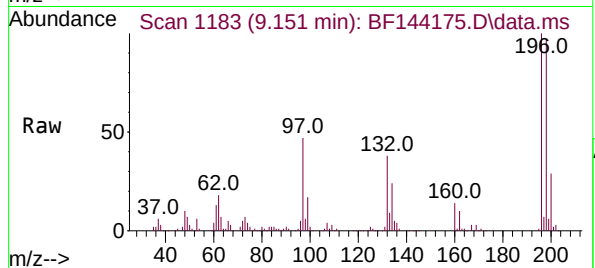
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



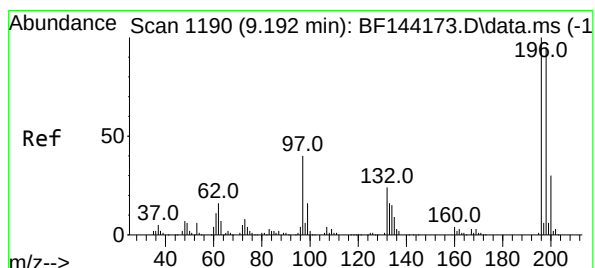
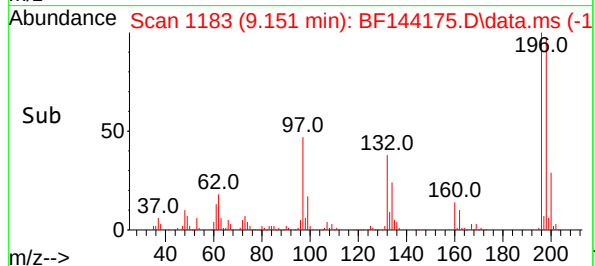
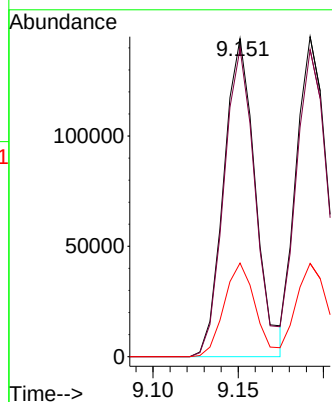
Tgt Ion:196 Resp: 185412

Ion Ratio Lower Upper

196 100

198 96.9 75.3 112.9

200 29.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 62.639 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Tgt Ion:196 Resp: 190324

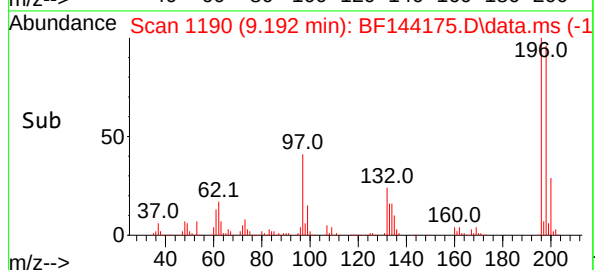
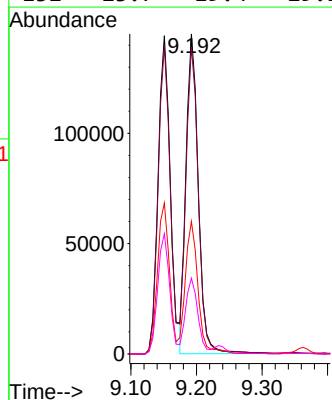
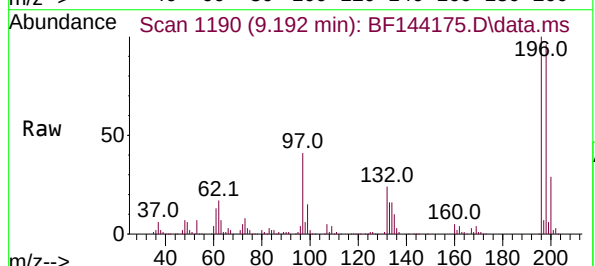
Ion Ratio Lower Upper

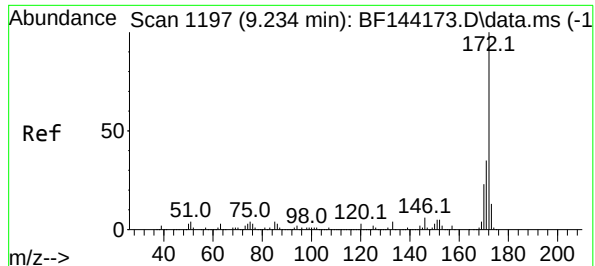
196 100

198 95.9 76.1 114.1

97 41.4 31.9 47.9

132 23.7 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 122.404 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

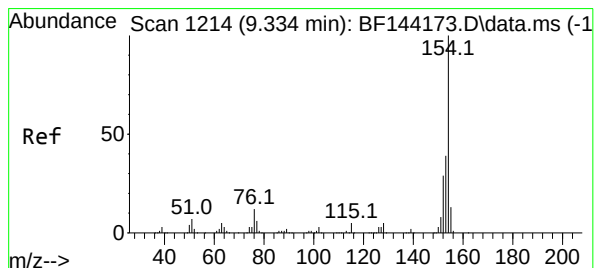
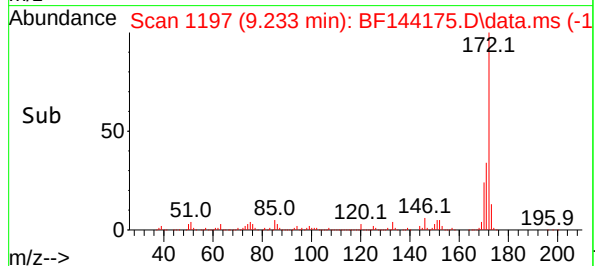
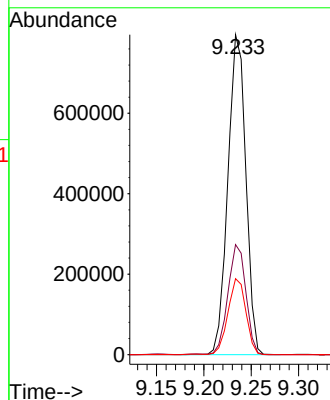
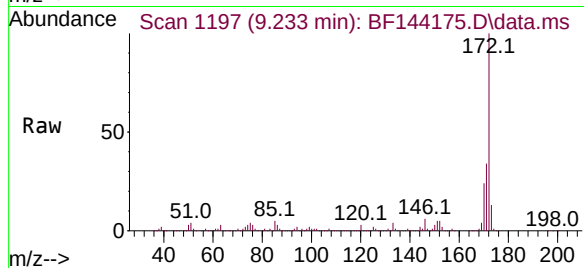
Tgt Ion:172 Resp: 1047440

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.7 18.6 28.0



#46

1,1'-Biphenyl

Concen: 62.310 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

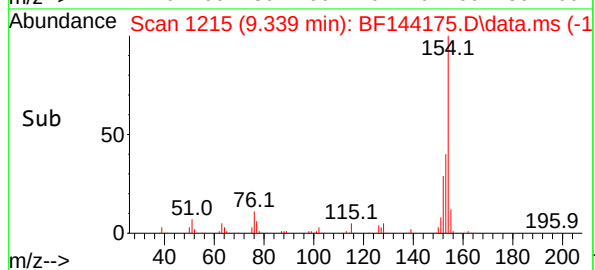
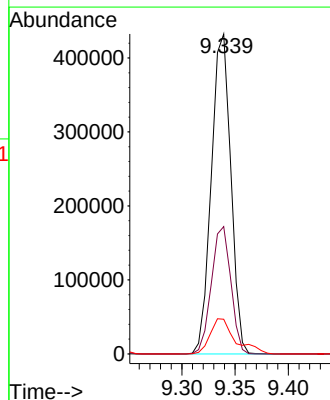
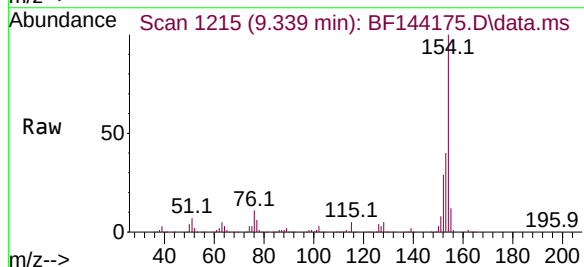
Tgt Ion:154 Resp: 549700

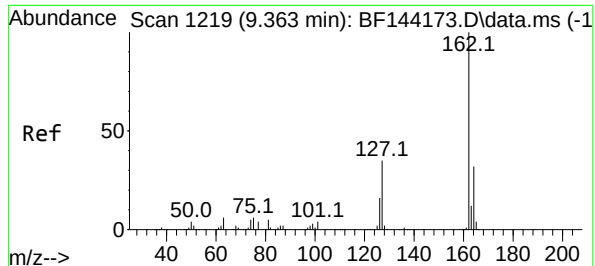
Ion Ratio Lower Upper

154 100

153 39.8 19.2 59.2

76 10.8 0.0 31.8





#47

2-Chloronaphthalene

Concen: 63.056 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

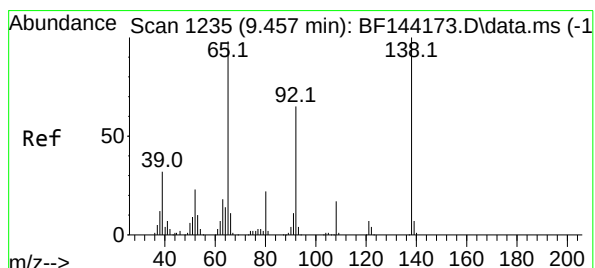
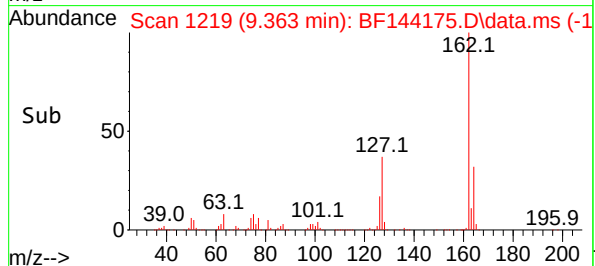
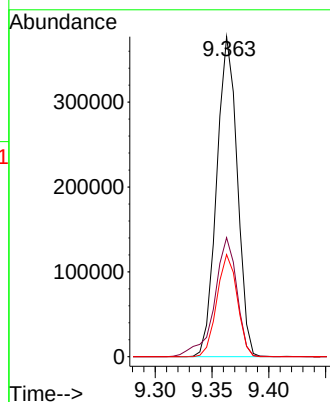
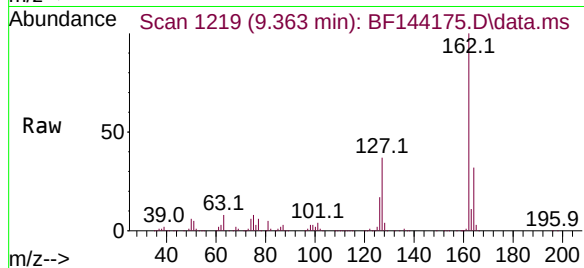
Tgt Ion:162 Resp: 474514

Ion Ratio Lower Upper

162 100

127 37.2 28.8 43.2

164 31.9 25.8 38.8



#48

2-Nitroaniline

Concen: 65.370 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

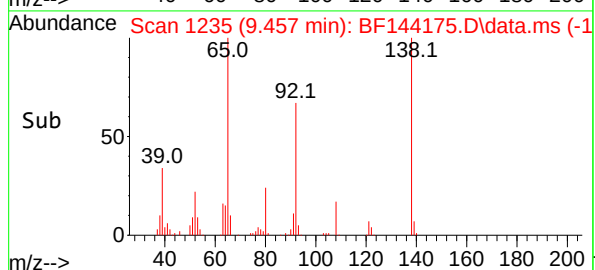
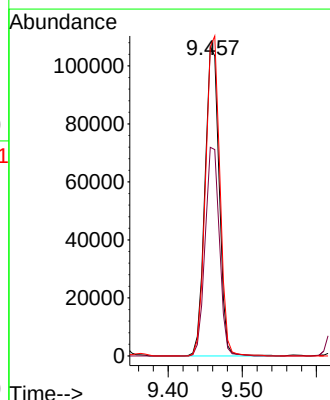
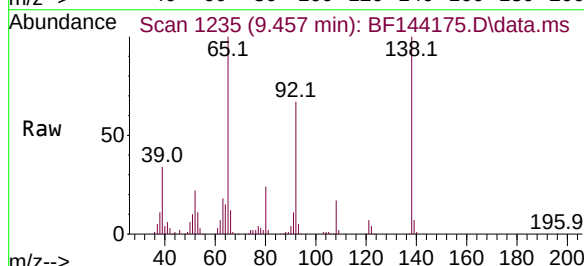
Tgt Ion: 65 Resp: 141938

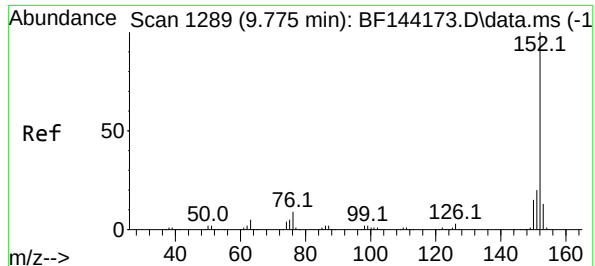
Ion Ratio Lower Upper

65 100

92 67.5 53.0 79.6

138 100.0 81.6 122.4





#49

Acenaphthylene

Concen: 62.050 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

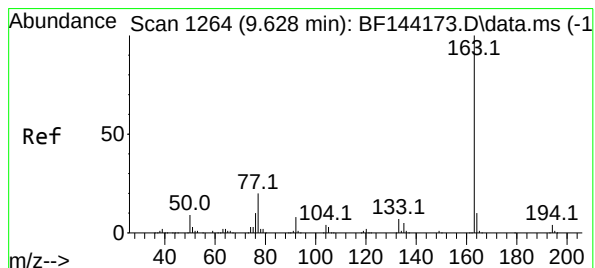
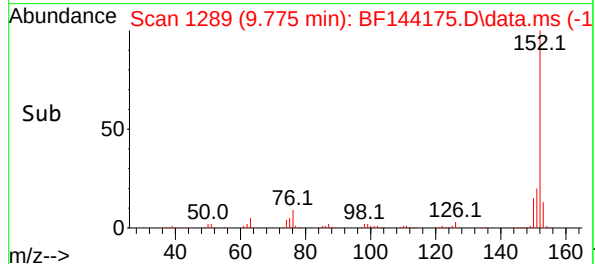
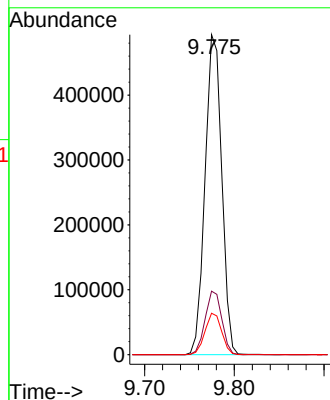
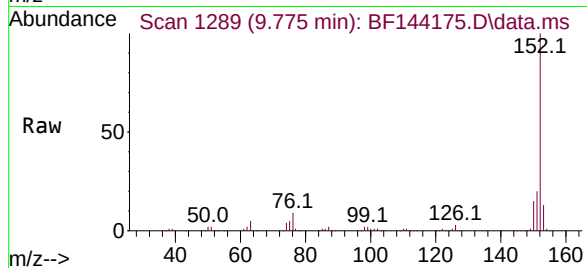
Tgt Ion:152 Resp: 636324

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 62.250 ng

RT: 9.633 min Scan# 1265

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

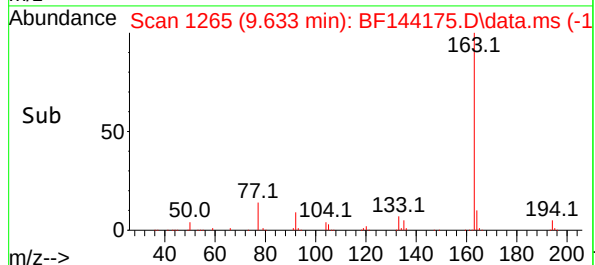
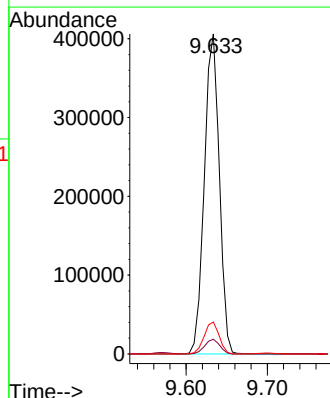
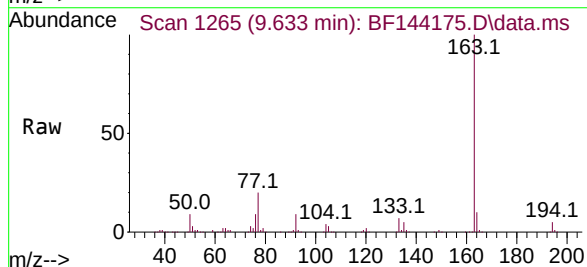
Tgt Ion:163 Resp: 521205

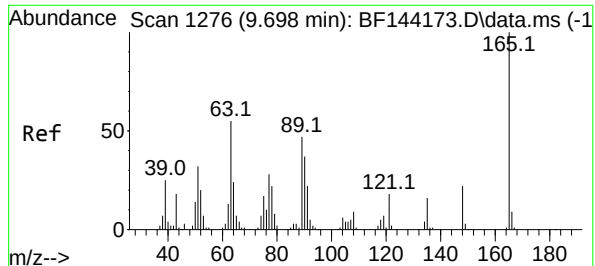
Ion Ratio Lower Upper

163 100

194 4.6 3.3 4.9

164 10.0 8.1 12.1

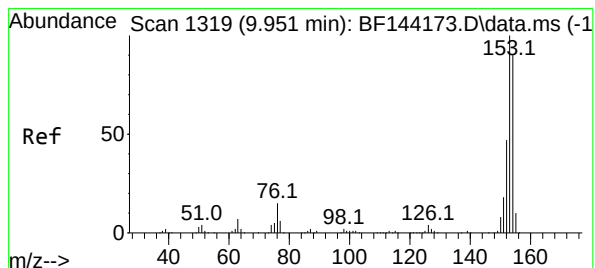
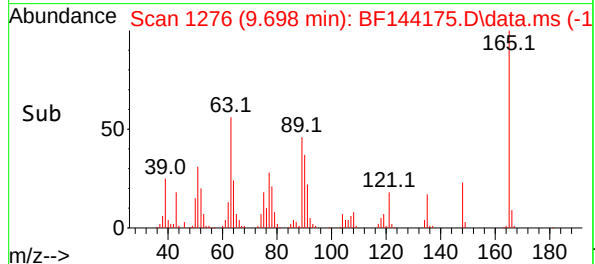
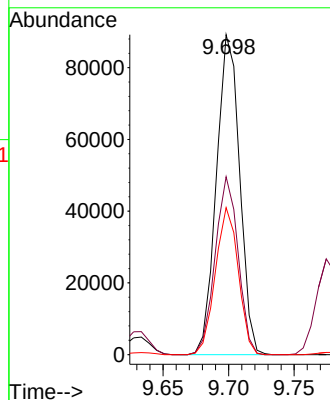
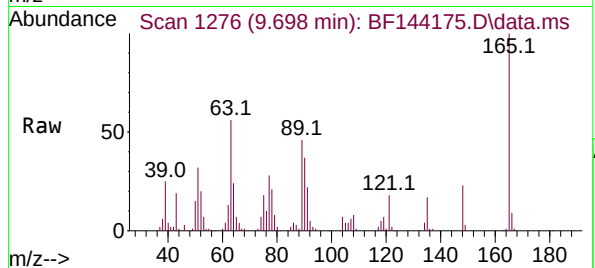




#51
2,6-Dinitrotoluene
Concen: 64.983 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

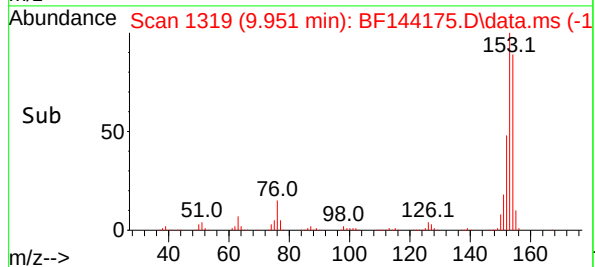
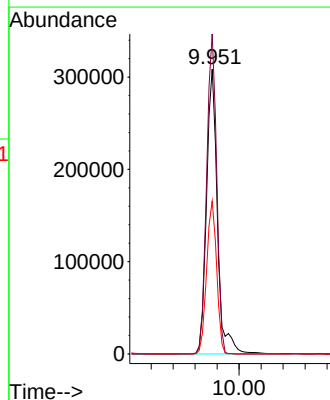
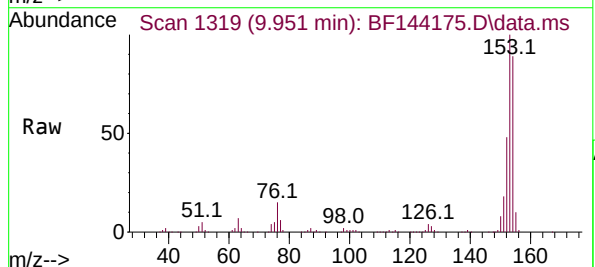
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

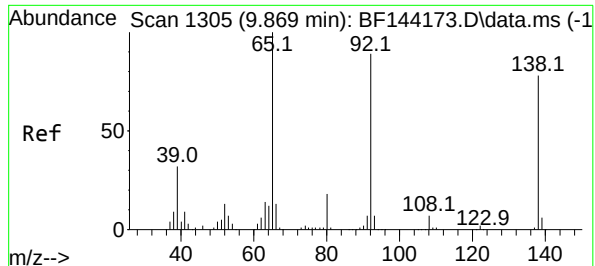
Tgt Ion	165	Resp	110140
Ion Ratio	Lower	Upper	
165	100		
63	55.6	43.8	65.8
89	45.9	37.5	56.3



#52
Acenaphthene
Concen: 61.778 ng
RT: 9.951 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion	154	Resp	423653
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.0	133.4
152	53.7	42.2	63.4





#53

3-Nitroaniline

Concen: 64.749 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

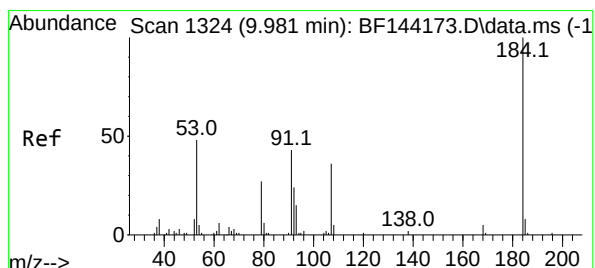
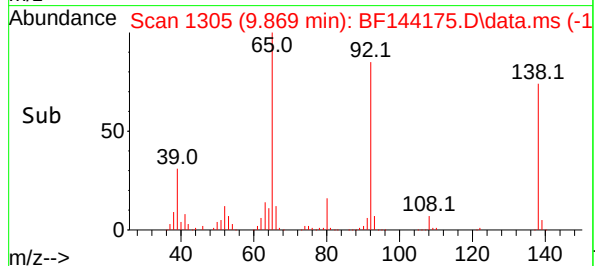
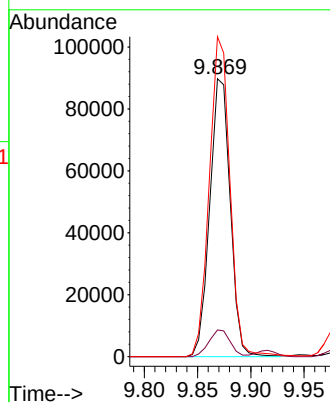
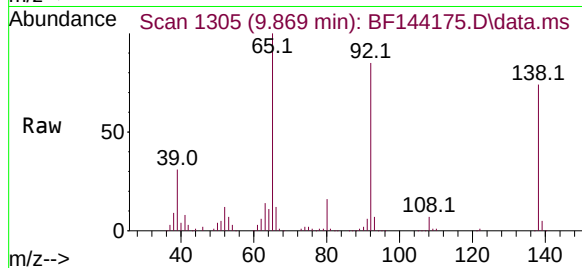
Tgt Ion:138 Resp: 119967

Ion Ratio Lower Upper

138 100

108 9.6 7.5 11.3

92 115.2 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 62.138 ng

RT: 9.980 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

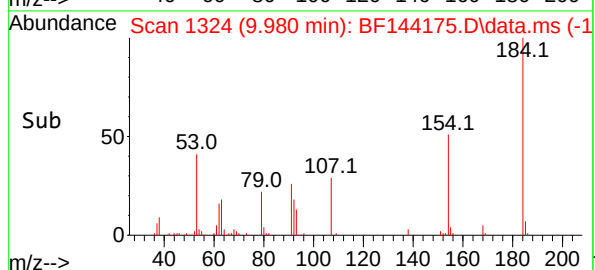
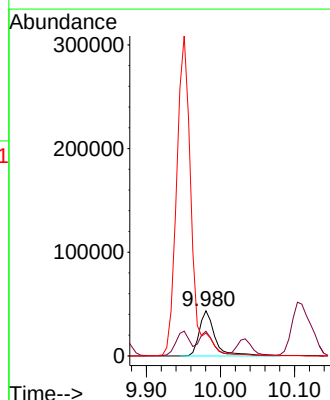
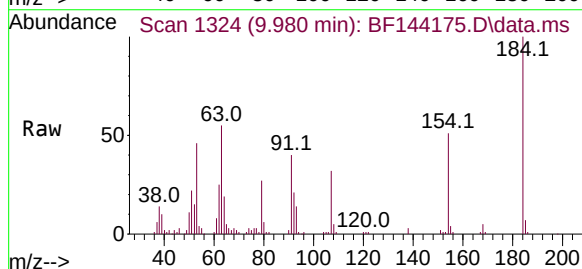
Tgt Ion:184 Resp: 63597

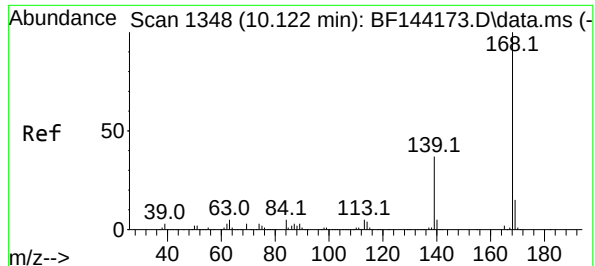
Ion Ratio Lower Upper

184 100

63 54.7 44.0 66.0

154 50.8 42.4 63.6





#55

Dibenzenofuran

Concen: 61.680 ng

RT: 10.122 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

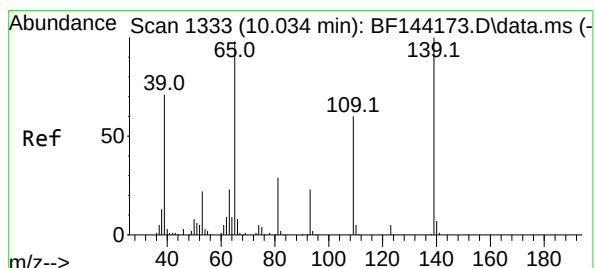
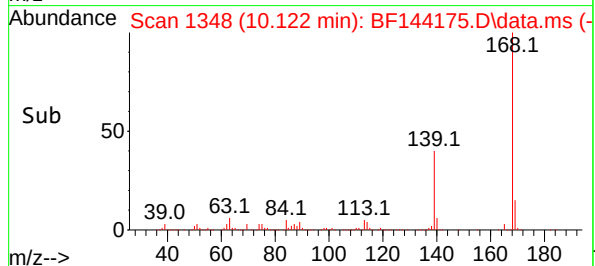
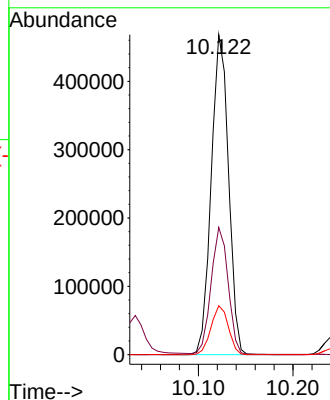
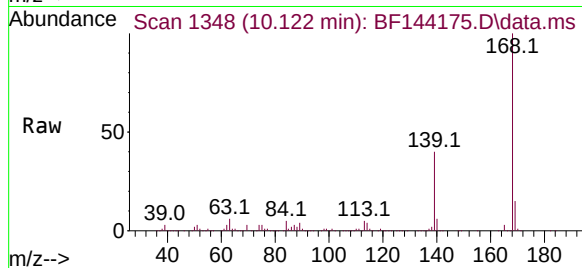
Tgt Ion:168 Resp: 592400

Ion Ratio Lower Upper

168 100

139 39.7 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 59.812 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

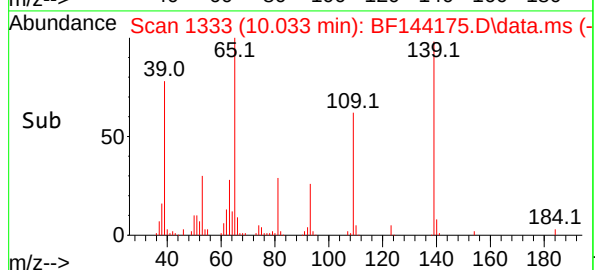
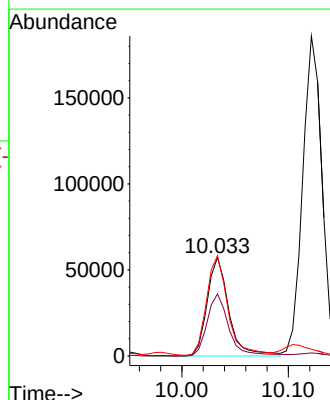
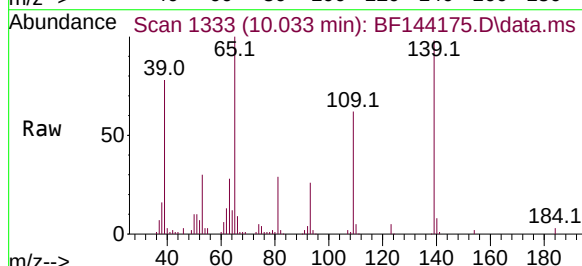
Tgt Ion:139 Resp: 80163

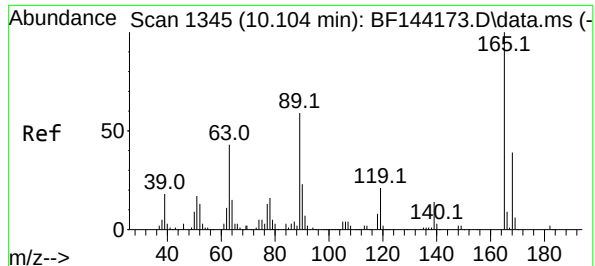
Ion Ratio Lower Upper

139 100

109 63.0 39.9 79.9

65 101.8 79.5 119.5

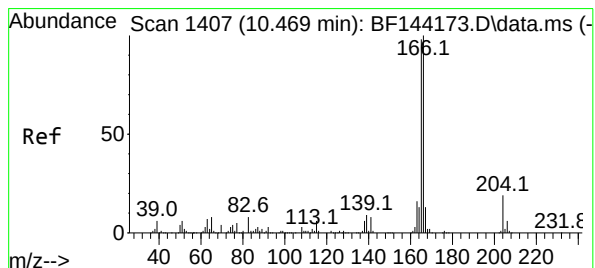
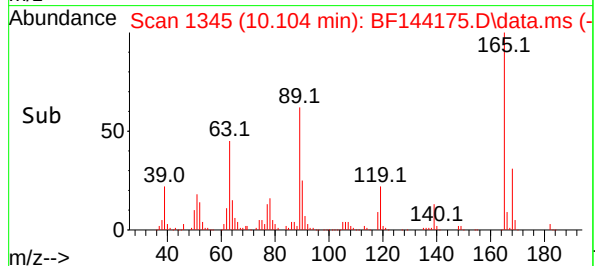
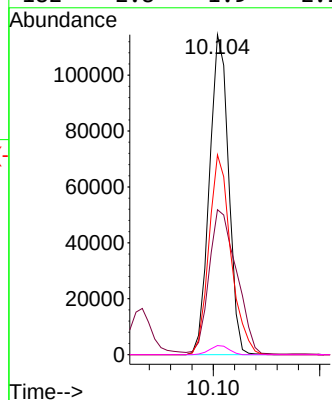
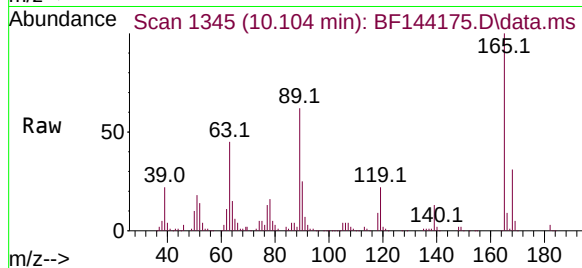




#57
2,4-Dinitrotoluene
Concen: 62.984 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

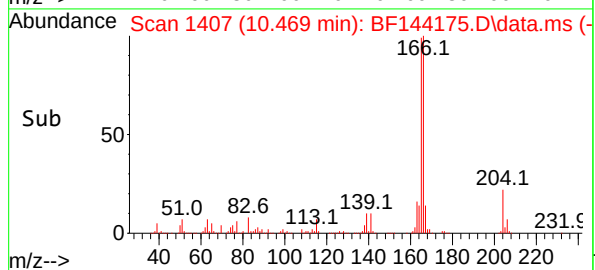
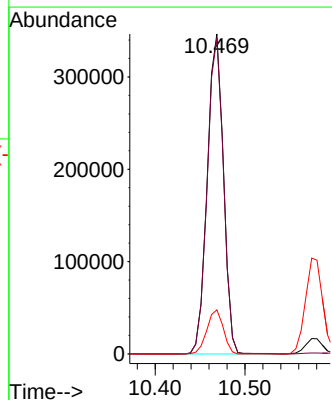
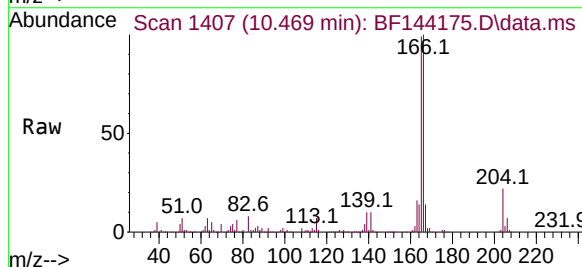
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

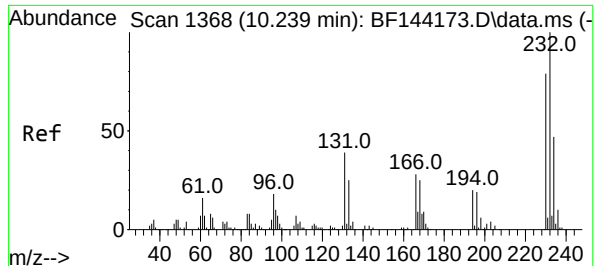
Tgt Ion:165 Resp: 142910
Ion Ratio Lower Upper
165 100
63 45.3 35.5 53.3
89 62.4 47.4 71.2
182 2.8 1.9 2.9



#58
Fluorene
Concen: 59.664 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:166 Resp: 435687
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.8 10.4 15.6

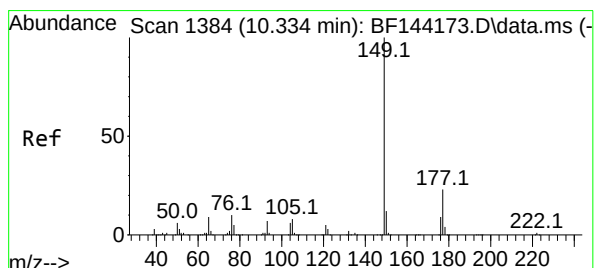
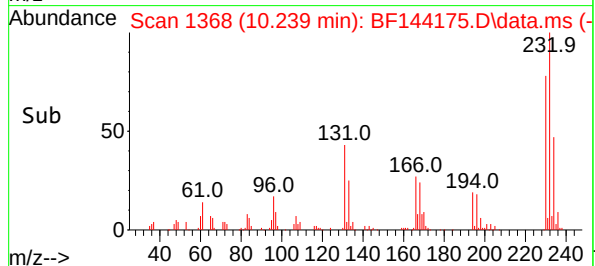
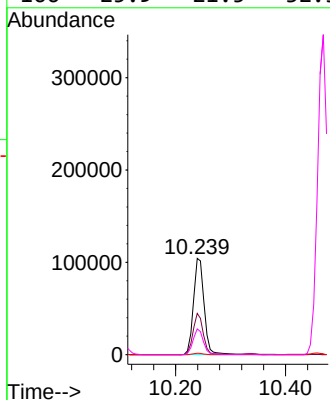
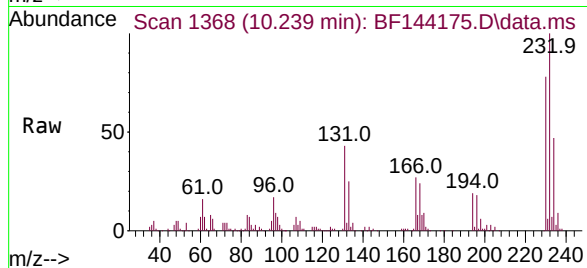




#59
2,3,4,6-Tetrachlorophenol
Concen: 65.569 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

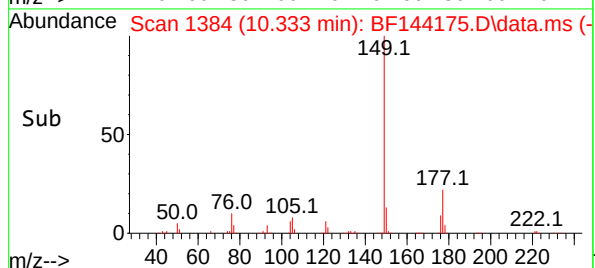
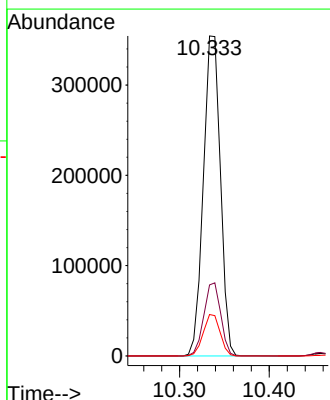
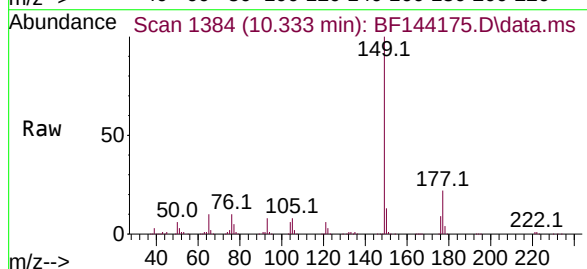
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

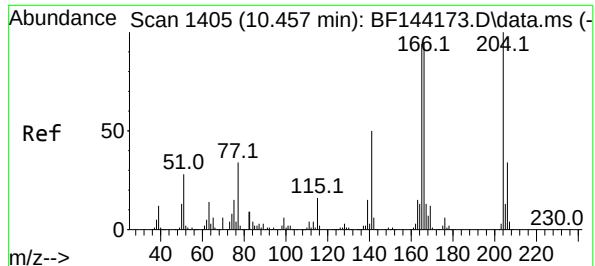
Tgt Ion:232 Resp: 140953
Ion Ratio Lower Upper
232 100
131 40.7 30.3 45.5
130 1.3 1.2 1.8
166 25.9 21.5 32.3



#60
Diethylphthalate
Concen: 60.755 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:149 Resp: 468931
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.9 9.8 14.6

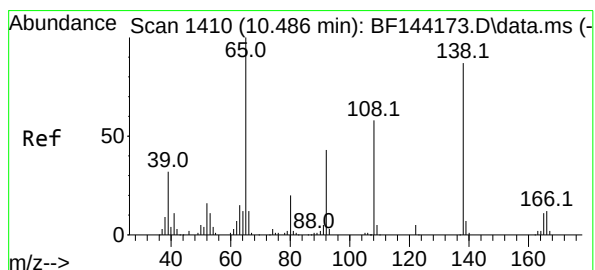
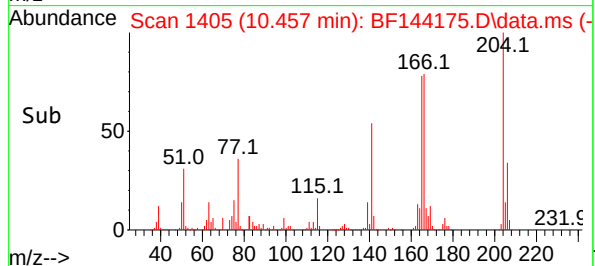
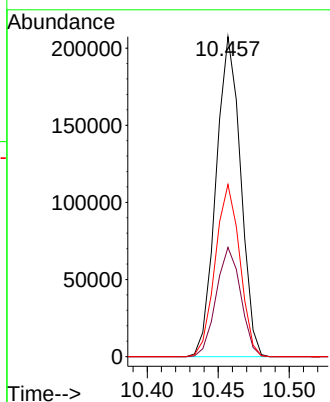
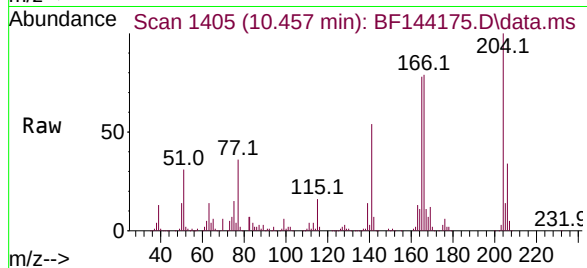




#61
4-Chlorophenyl-phenylether
Concen: 60.068 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

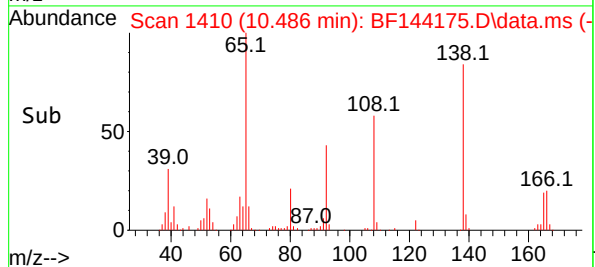
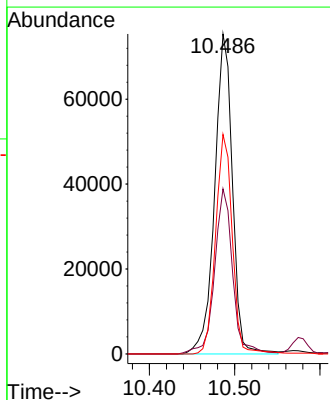
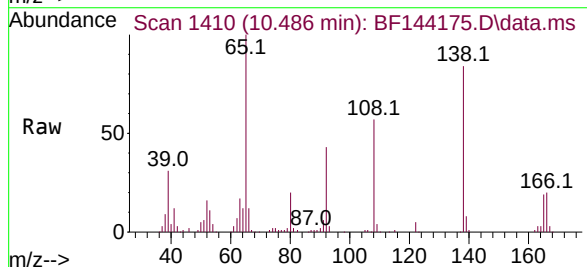
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

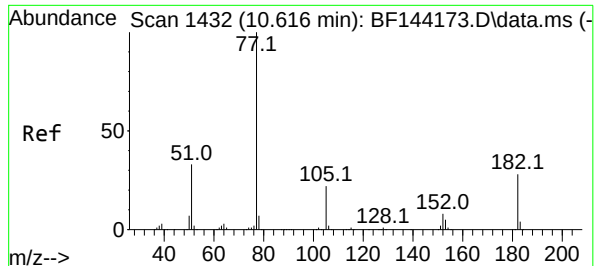
Tgt Ion:204 Resp: 249857
Ion Ratio Lower Upper
204 100
206 34.1 27.4 41.2
141 53.8 40.0 60.0



#62
4-Nitroaniline
Concen: 61.862 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:138 Resp: 109153
Ion Ratio Lower Upper
138 100
92 51.6 29.4 69.4
108 68.6 46.4 86.4

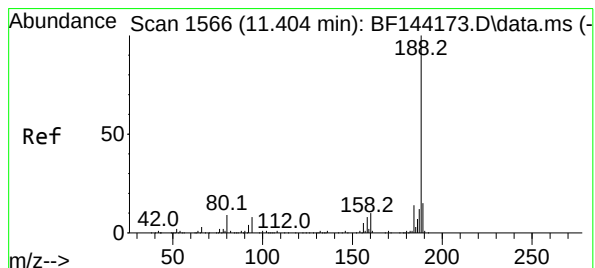
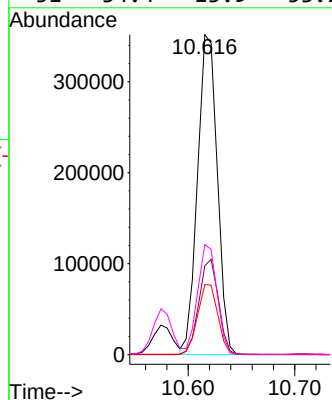
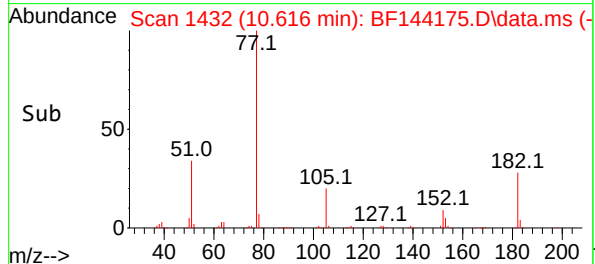
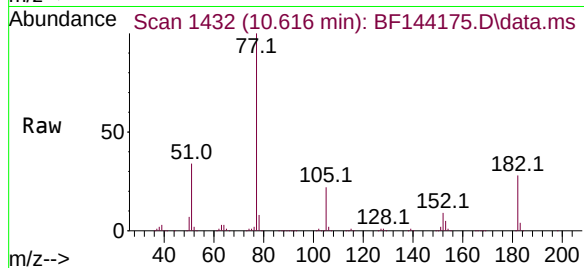




#63
Azobenzene
Concen: 63.187 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

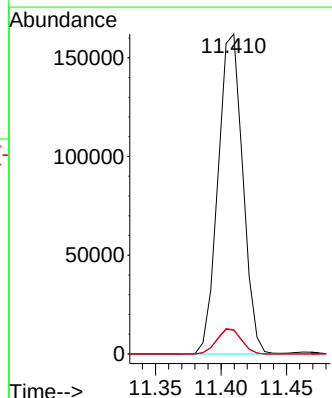
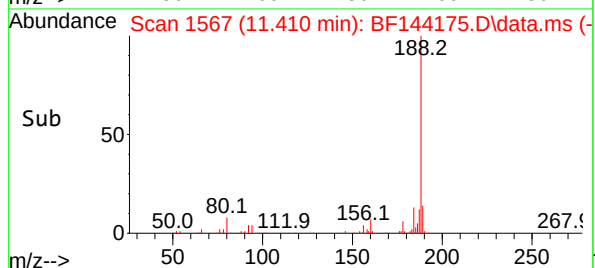
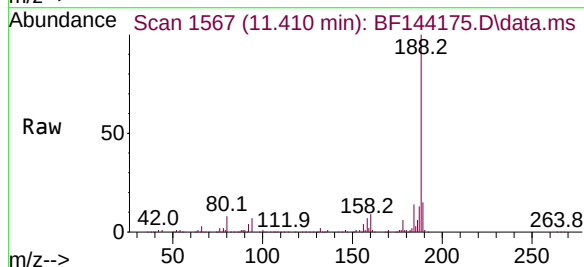
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

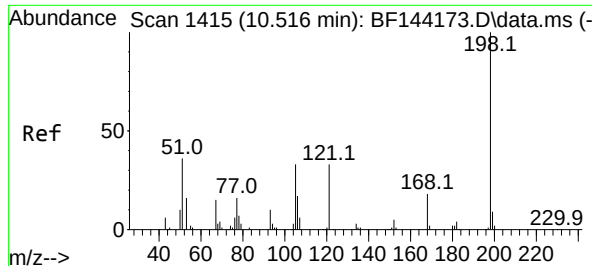
Tgt Ion: 77 Resp: 453890
Ion Ratio Lower Upper
77 100
182 27.8 8.1 48.1
105 21.9 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion: 188 Resp: 213136
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.2
80 7.6 6.9 10.3

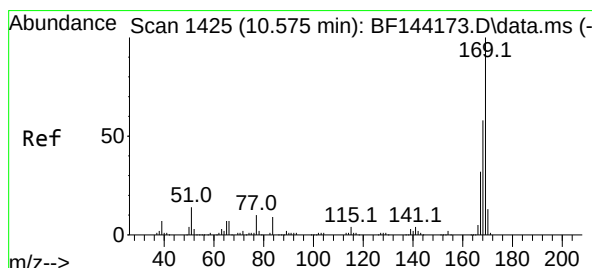
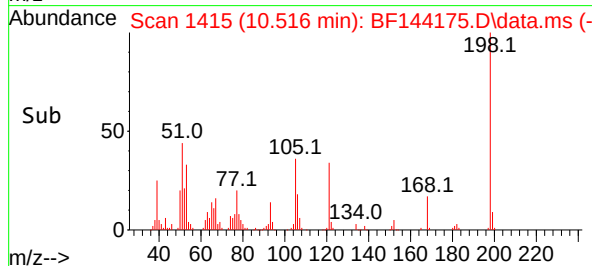
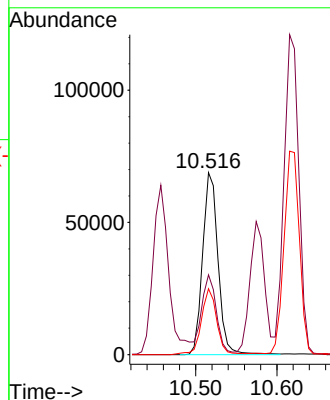
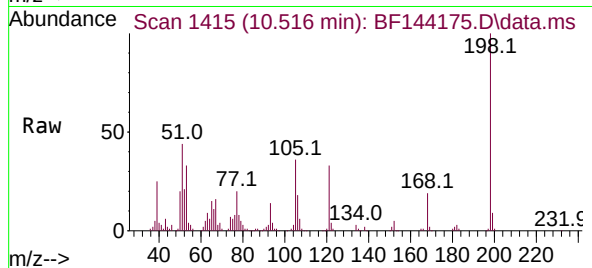




#65
4,6-Dinitro-2-methylphenol
Concen: 62.727 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

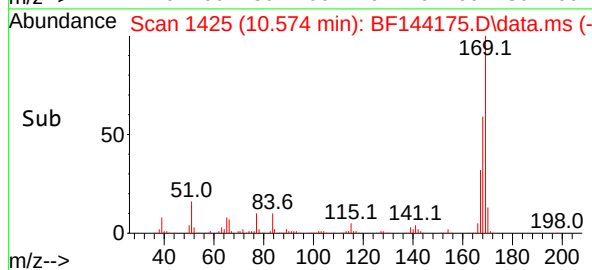
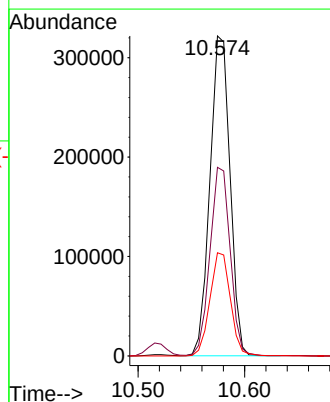
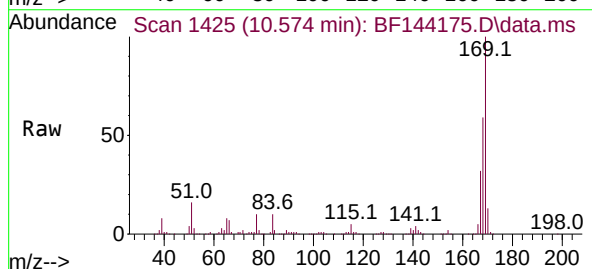
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

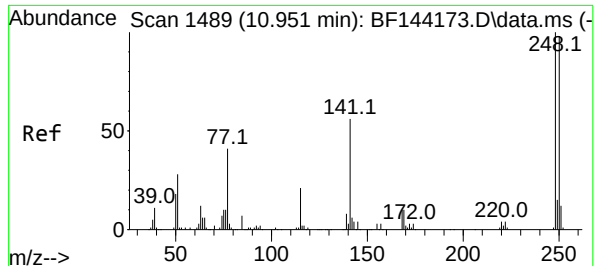
Tgt Ion:198 Resp: 90823
Ion Ratio Lower Upper
198 100
51 43.8 25.6 65.6
105 36.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 61.520 ng
RT: 10.574 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:169 Resp: 421720
Ion Ratio Lower Upper
169 100
168 58.9 46.2 69.2
167 32.2 25.7 38.5

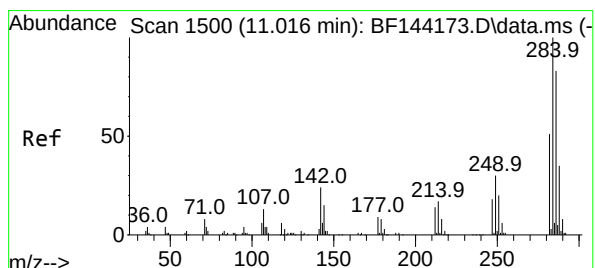
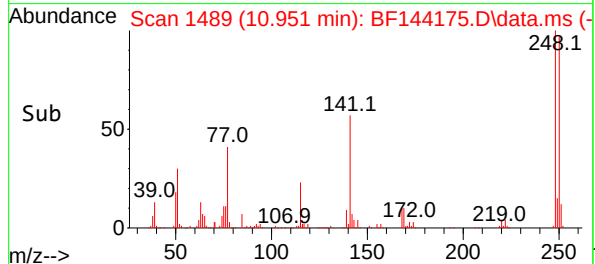
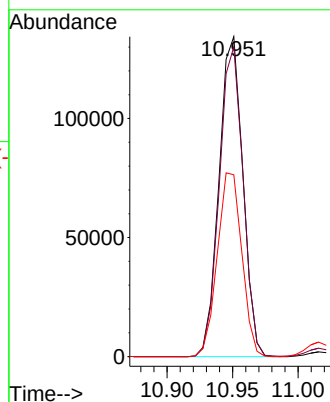
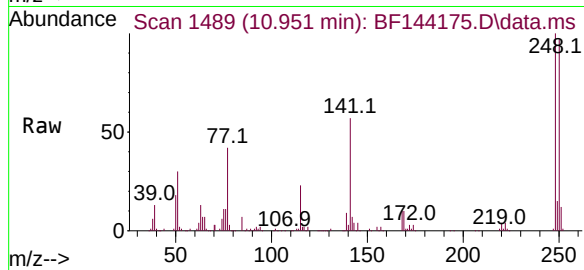




#67
4-Bromophenyl-phenylether
Concen: 62.634 ng
RT: 10.951 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

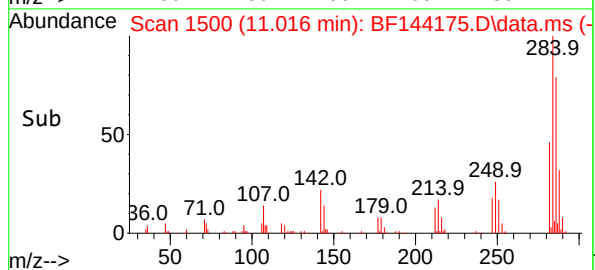
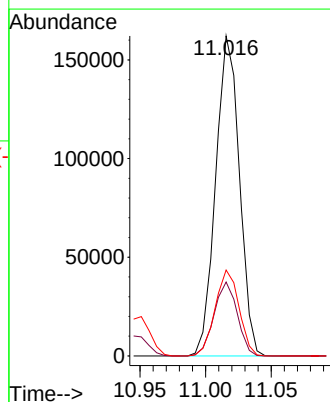
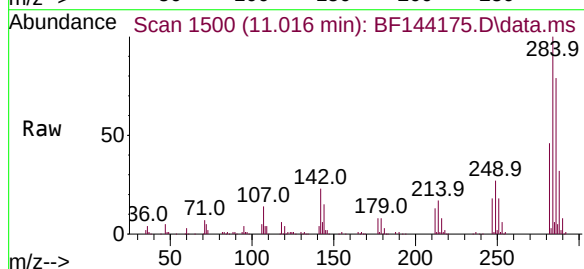
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

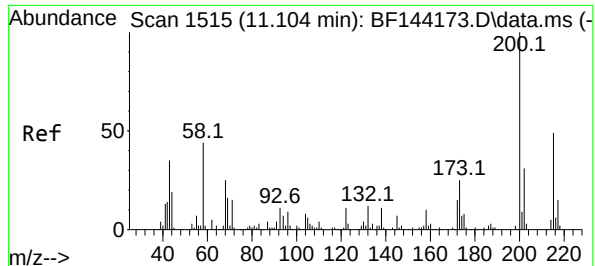
Tgt Ion:248 Resp: 170395
Ion Ratio Lower Upper
248 100
250 96.8 78.4 117.6
141 56.8 45.1 67.7



#68
Hexachlorobenzene
Concen: 63.744 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:284 Resp: 204258
Ion Ratio Lower Upper
284 100
142 23.1 19.2 28.8
249 26.8 23.8 35.8

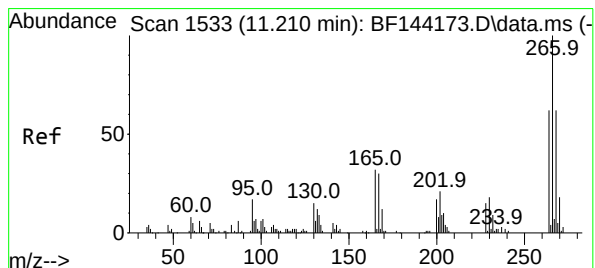
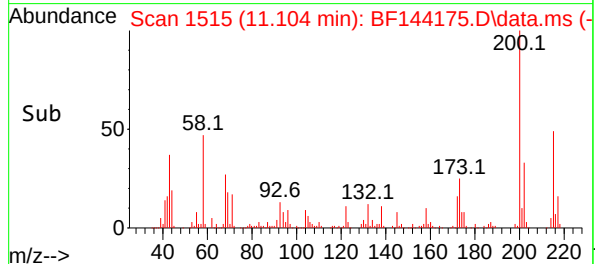
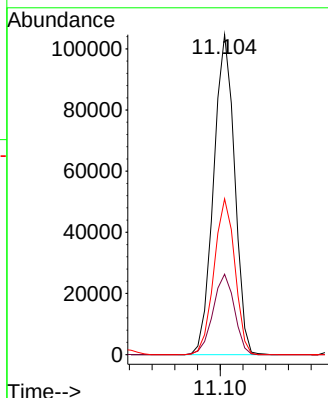
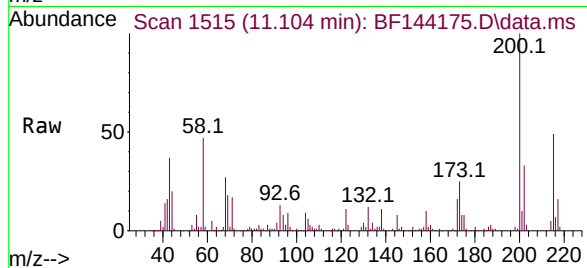




#69
Atrazine
Concen: 61.467 ng
RT: 11.104 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

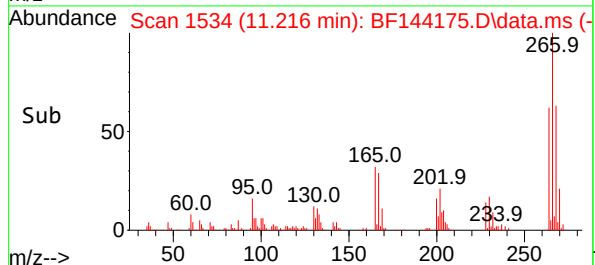
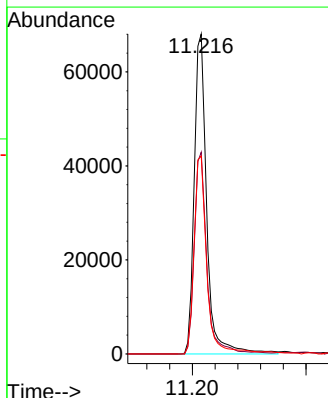
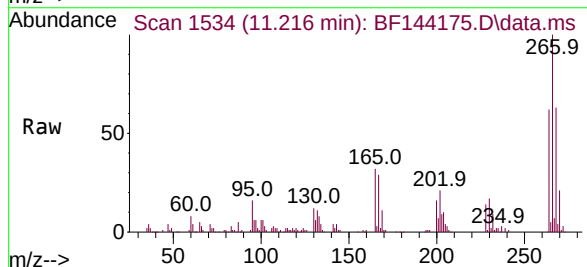
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

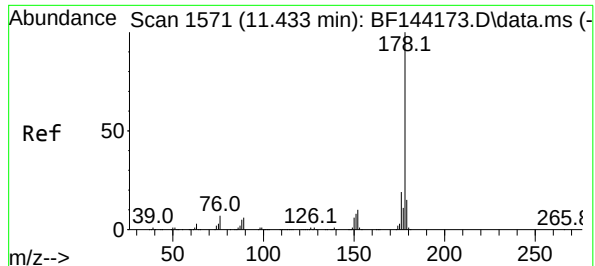
Tgt Ion:200 Resp: 134002
Ion Ratio Lower Upper
200 100
173 25.1 5.0 45.0
215 48.7 28.7 68.7



#70
Pentachlorophenol
Concen: 64.842 ng
RT: 11.216 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:266 Resp: 103466
Ion Ratio Lower Upper
266 100
268 63.0 49.5 74.3
264 61.8 49.4 74.2

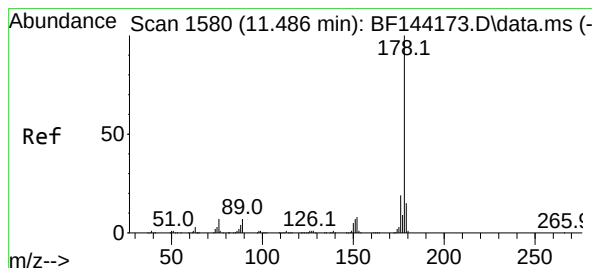
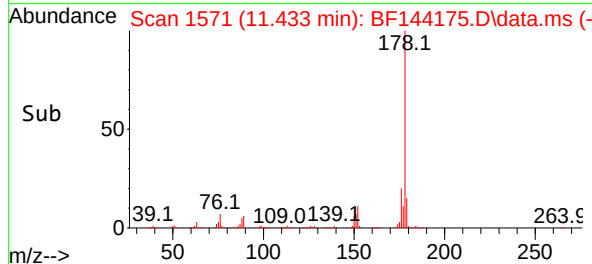
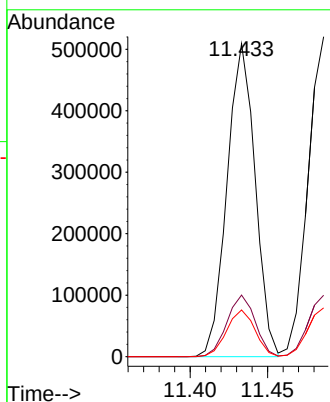
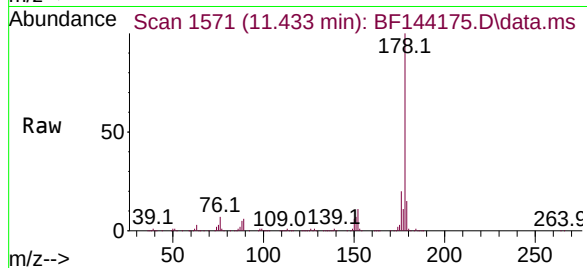




#71
Phenanthrene
Concen: 60.448 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

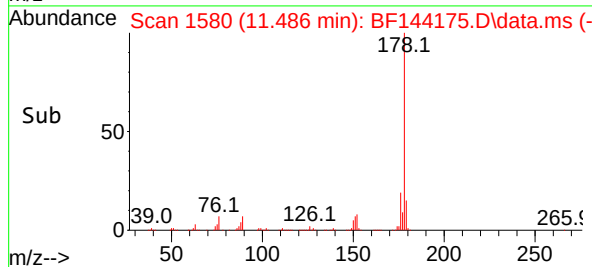
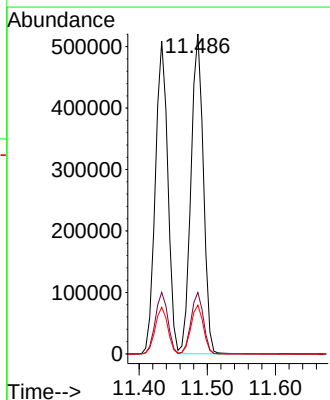
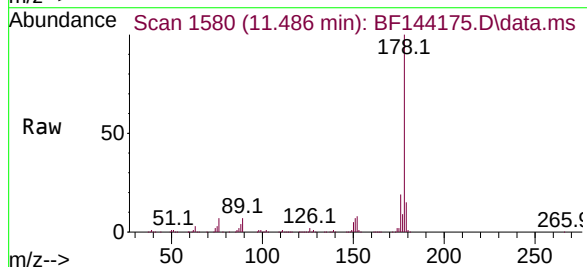
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

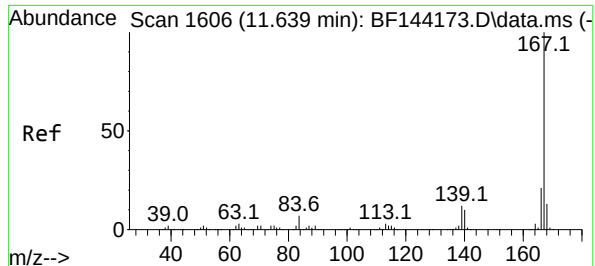
Tgt Ion:178 Resp: 641461
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 60.871 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

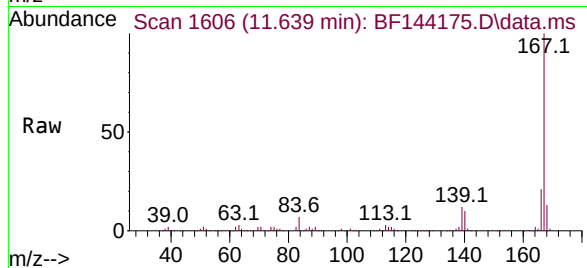
Tgt Ion:178 Resp: 656819
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.2 12.0 18.0



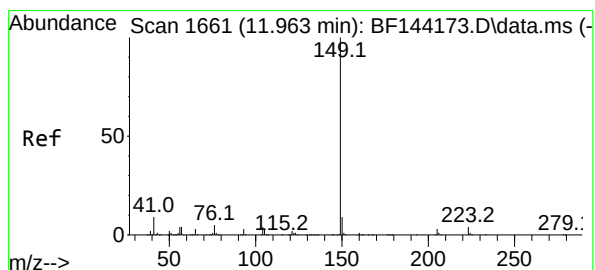
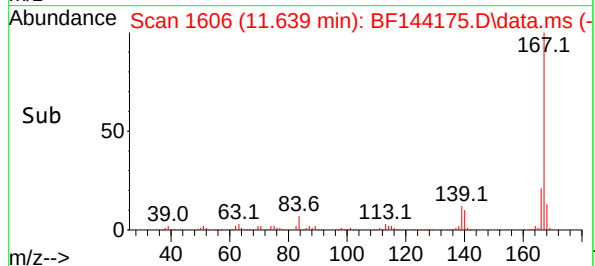
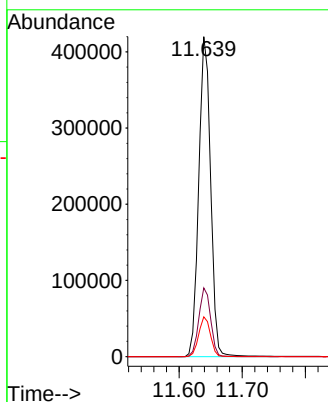


#73
Carbazole
Concen: 59.542 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

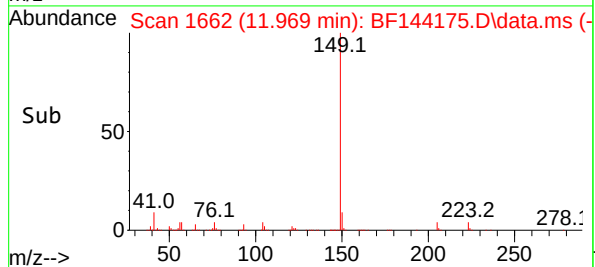
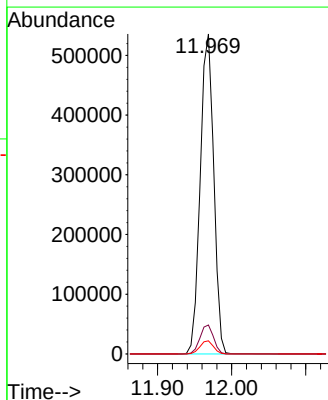
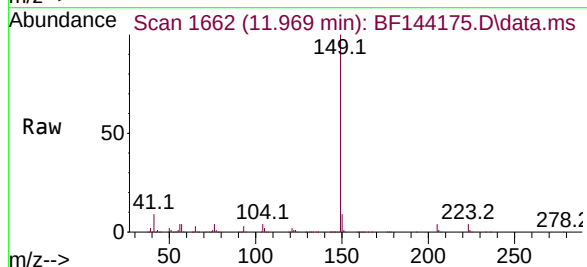


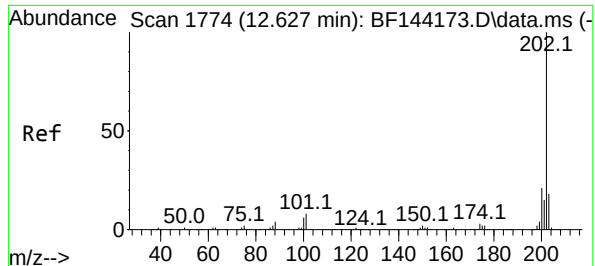
Tgt Ion:167 Resp: 546322
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 61.075 ng
RT: 11.969 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

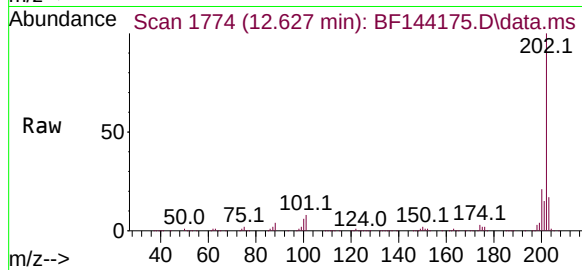
Tgt Ion:149 Resp: 677444
Ion Ratio Lower Upper
149 100
150 9.0 7.4 11.0
104 4.1 3.4 5.2



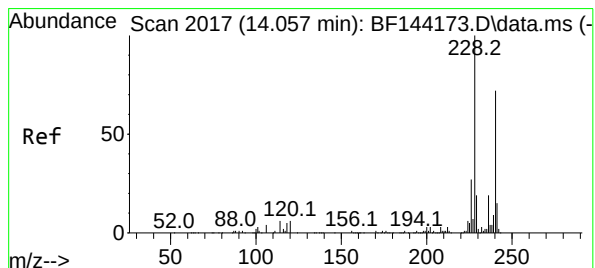
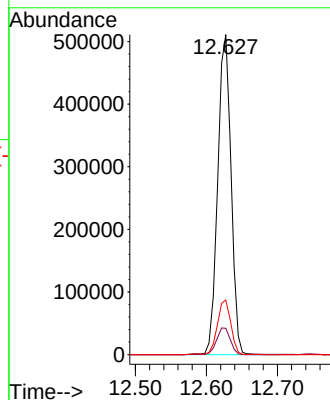
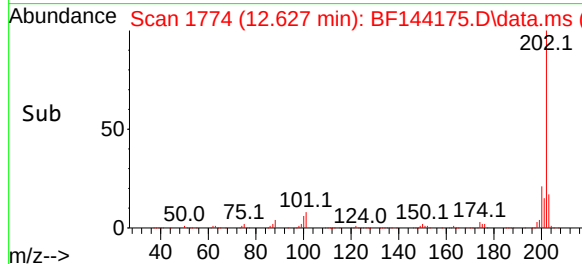


#75
Fluoranthene
Concen: 60.849 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

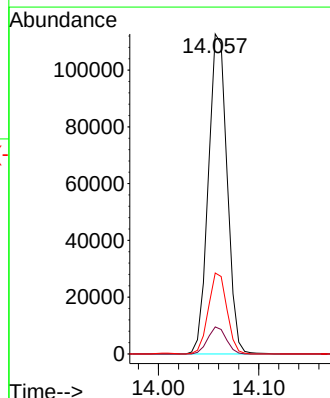
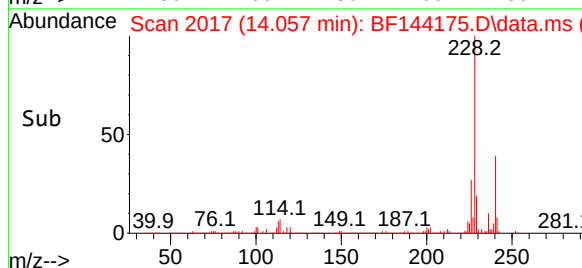
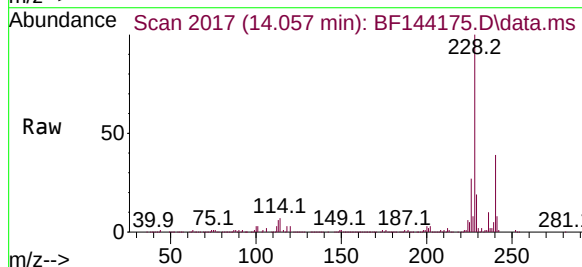


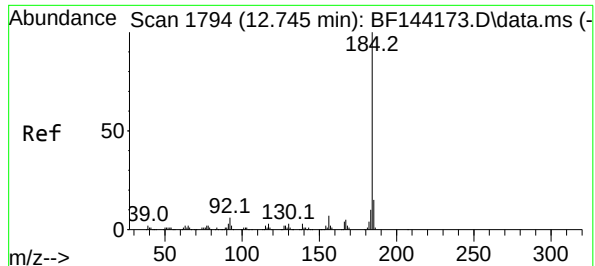
Tgt Ion:202 Resp: 667021
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.9
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:240 Resp: 145867
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 25.3 21.4 32.2

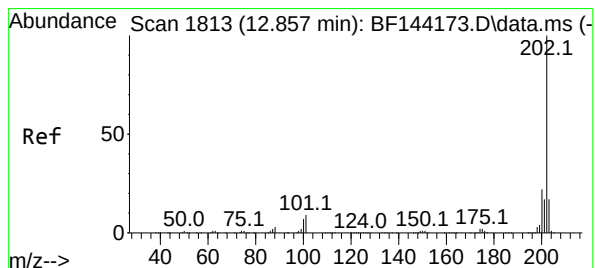
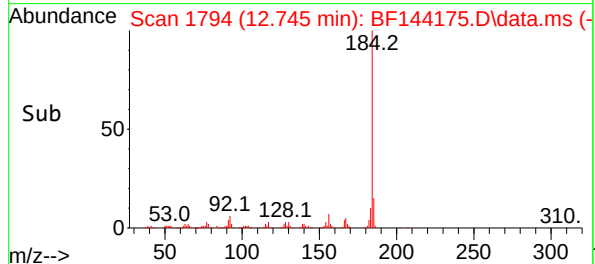
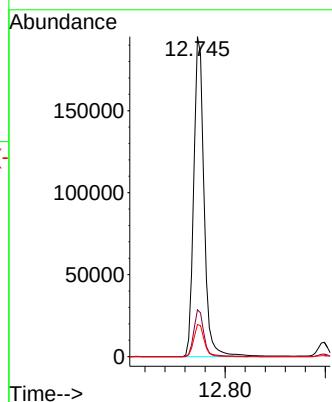
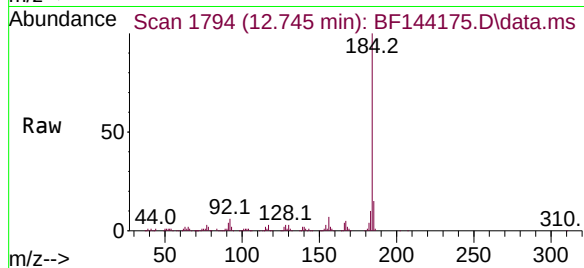




#77
Benzidine
Concen: 64.368 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

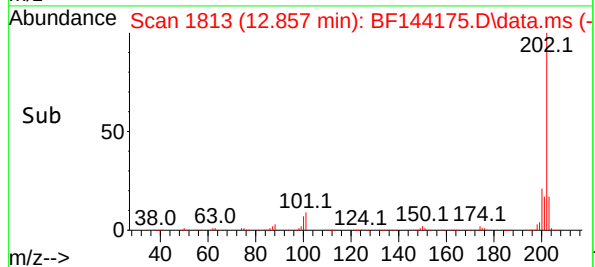
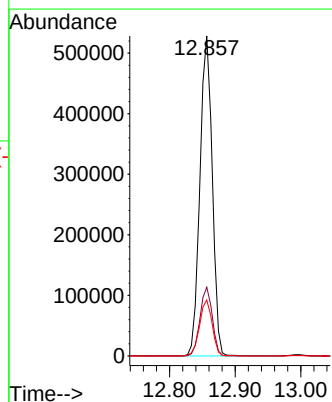
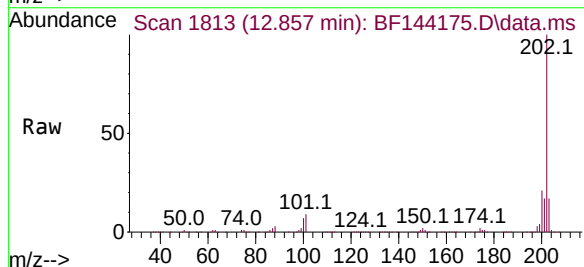
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

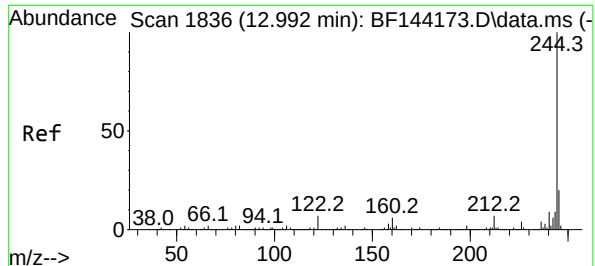
Tgt Ion:184 Resp: 277725
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 10.0 8.3 12.5



#78
Pyrene
Concen: 58.384 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:202 Resp: 686663
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.5 13.7 20.5





#79

Terphenyl-d14

Concen: 115.147 ng

RT: 12.998 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144175.D

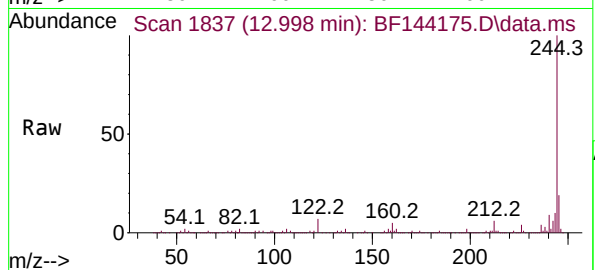
Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



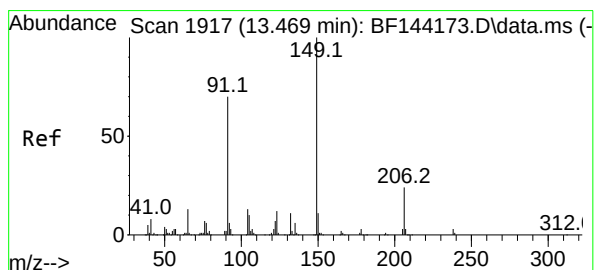
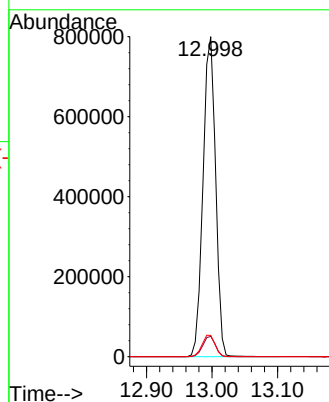
Tgt Ion:244 Resp: 1057426

Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.6 5.6 8.4



#80

Butylbenzylphthalate

Concen: 61.152 ng

RT: 13.468 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

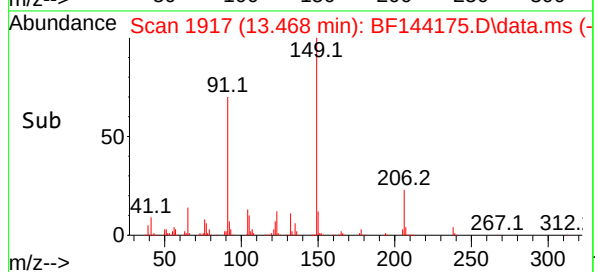
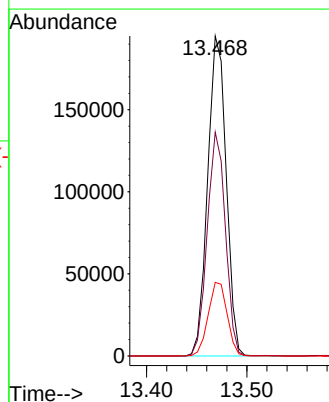
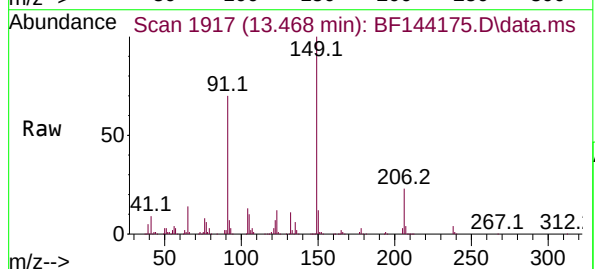
Tgt Ion:149 Resp: 249274

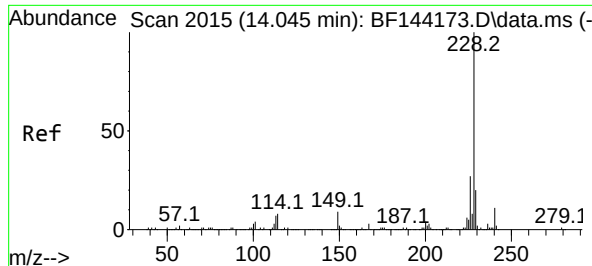
Ion Ratio Lower Upper

149 100

91 69.9 56.1 84.1

206 23.0 18.8 28.2

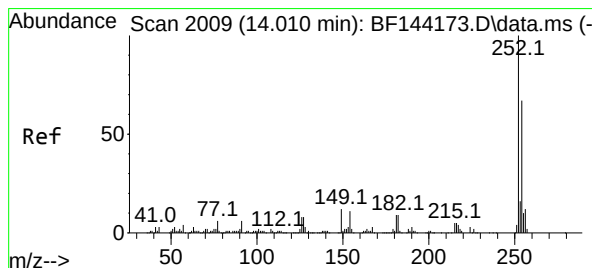
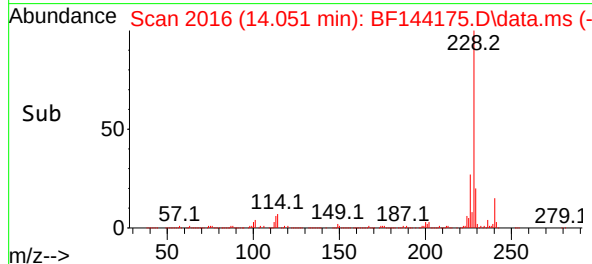
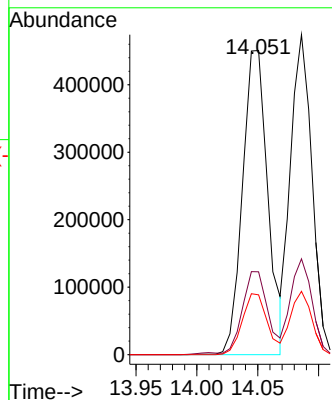
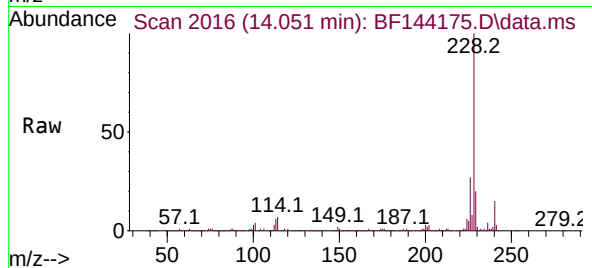




#81
Benzo(a)anthracene
Concen: 64.625 ng
RT: 14.051 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

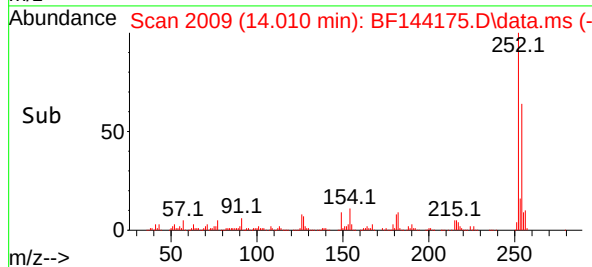
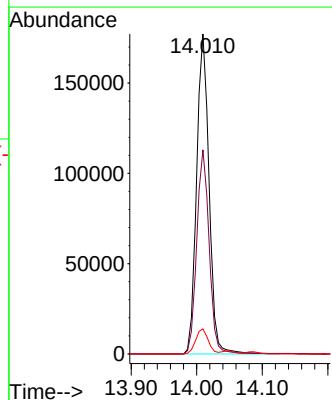
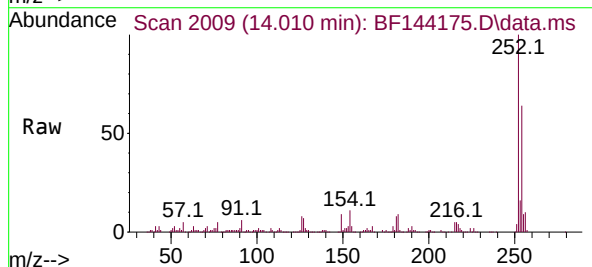
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

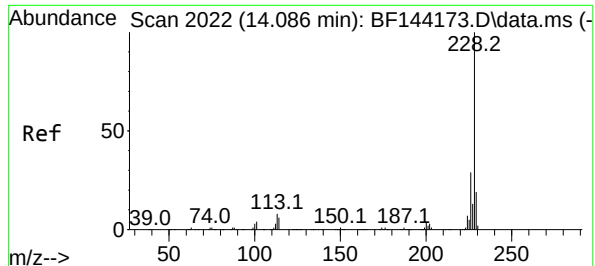
Tgt Ion:228 Resp: 653341
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 67.182 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:252 Resp: 232807
Ion Ratio Lower Upper
252 100
254 63.8 53.5 80.3
126 7.8 6.4 9.6





#83

Chrysene

Concen: 62.196 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

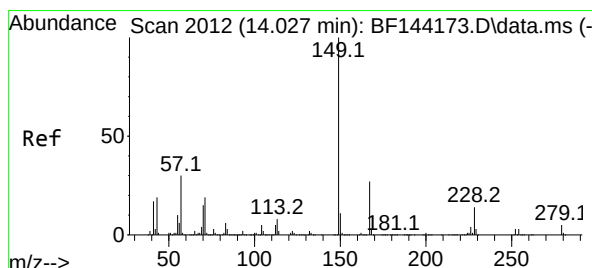
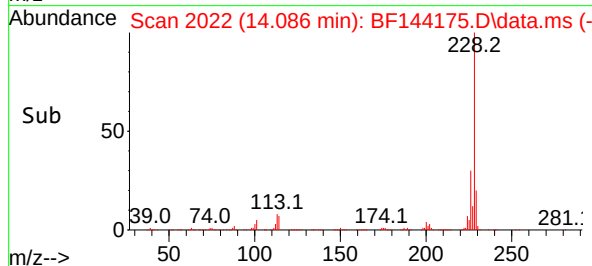
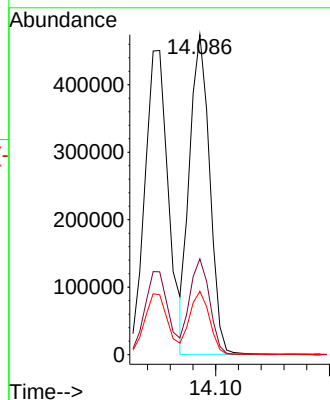
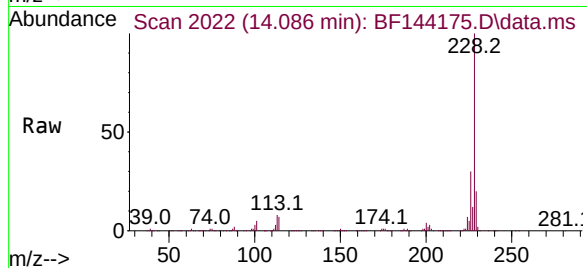
Tgt Ion:228 Resp: 580449

Ion Ratio Lower Upper

228 100

226 30.0 22.9 34.3

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.991 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

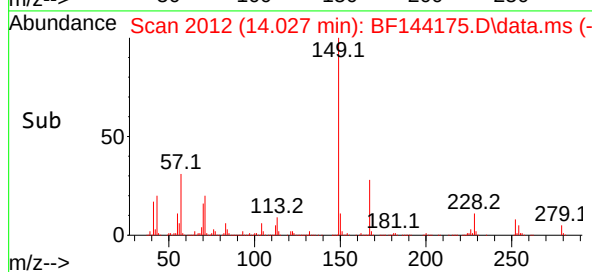
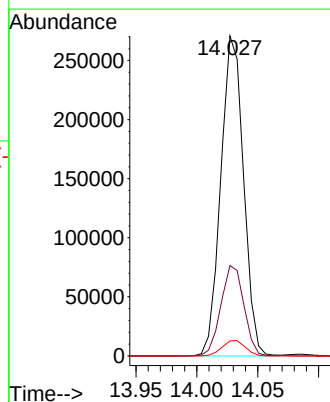
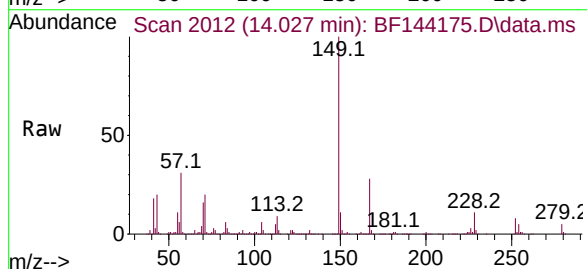
Tgt Ion:149 Resp: 351501

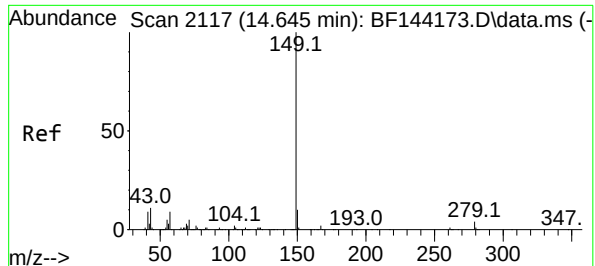
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.7 3.7 5.5

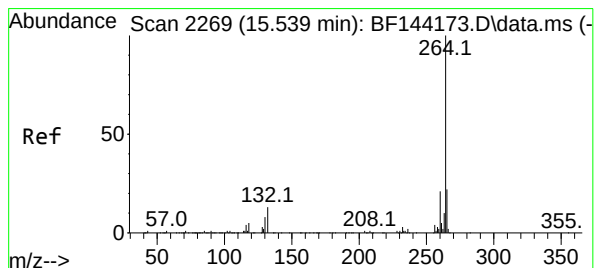
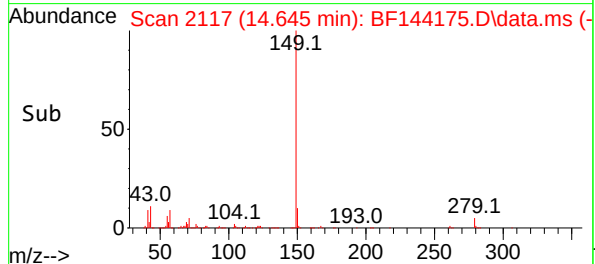
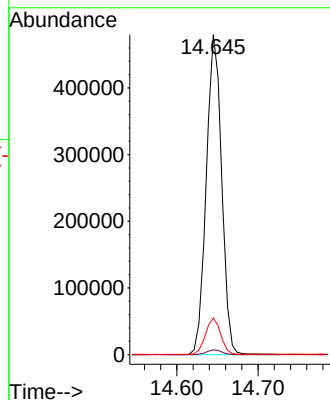
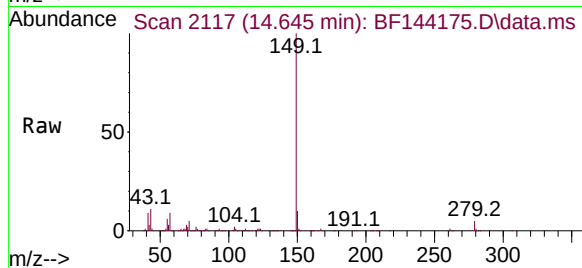




#85
Di-n-octyl phthalate
Concen: 65.547 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

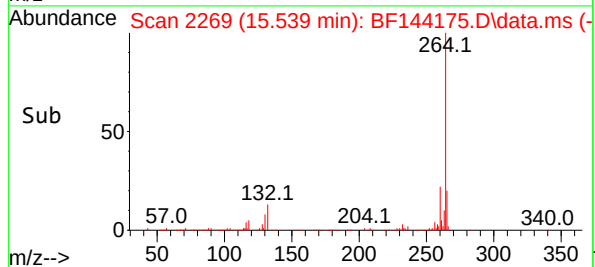
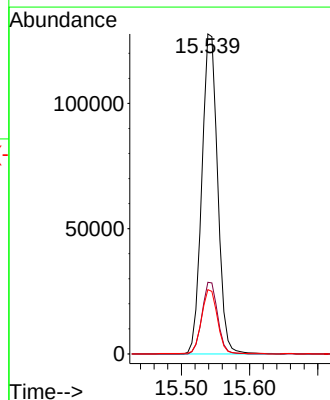
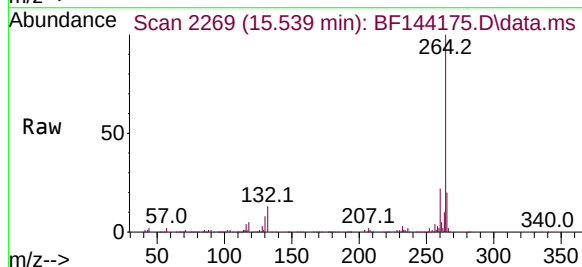
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

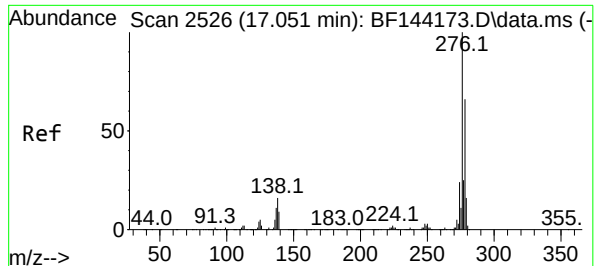
Tgt Ion:149 Resp: 631065
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:264 Resp: 205758
Ion Ratio Lower Upper
264 100
260 22.4 17.1 25.7
265 20.1 17.4 26.0

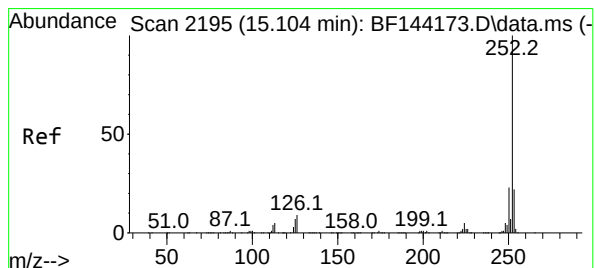
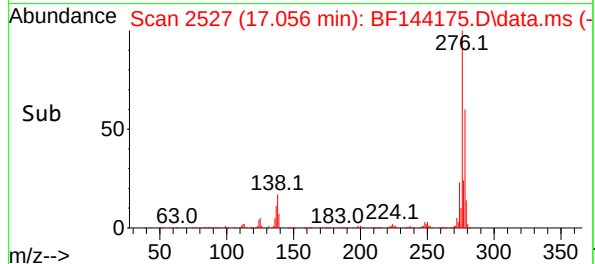
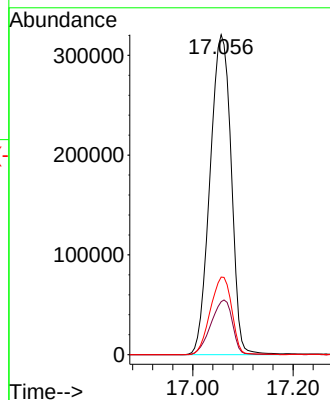
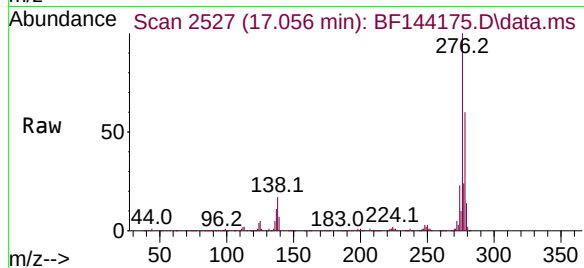




#87
Indeno(1,2,3-cd)pyrene
Concen: 63.557 ng
RT: 17.056 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

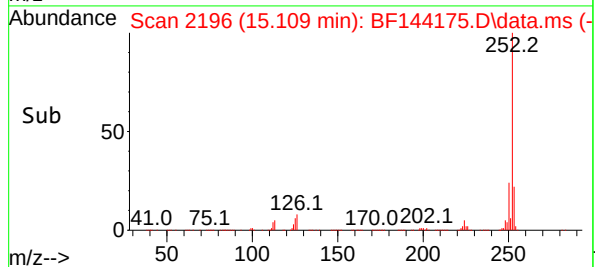
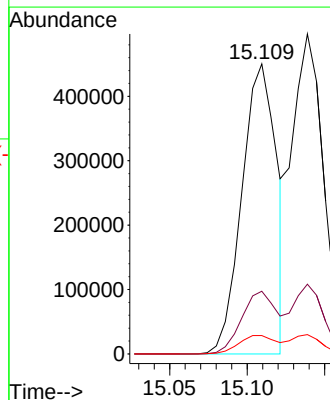
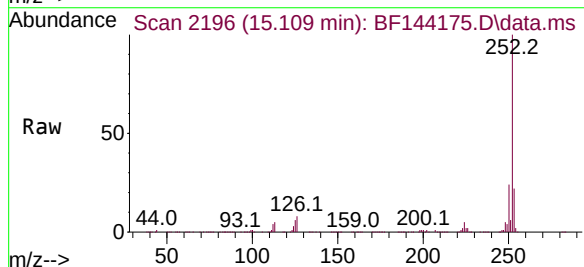
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

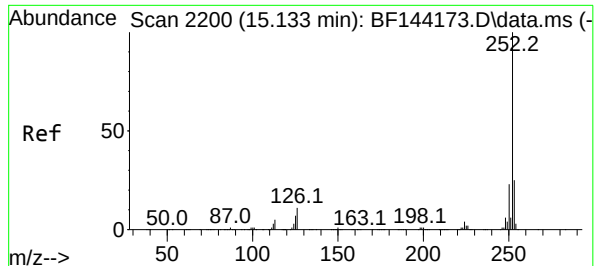
Tgt Ion:276 Resp: 938738
Ion Ratio Lower Upper
276 100
138 17.4 13.9 20.9
277 24.6 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 59.849 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:252 Resp: 700099
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 6.3 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 63.919 ng

RT: 15.139 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

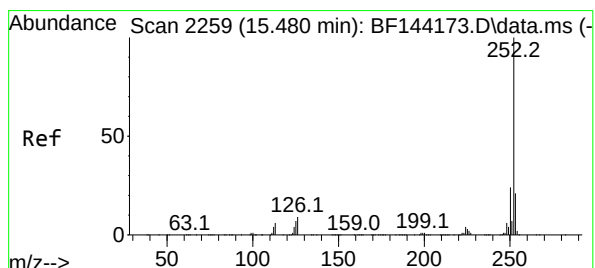
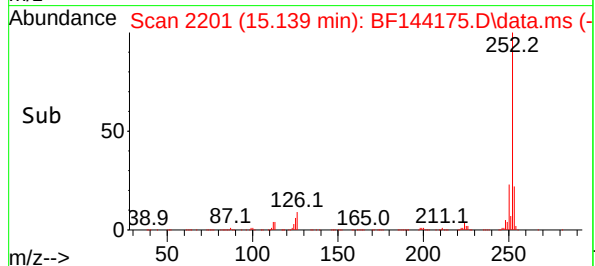
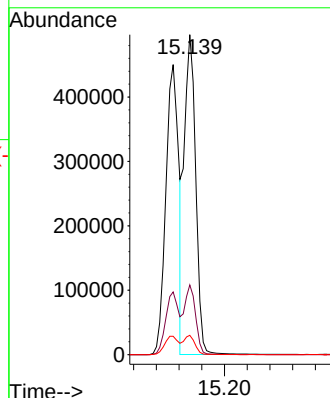
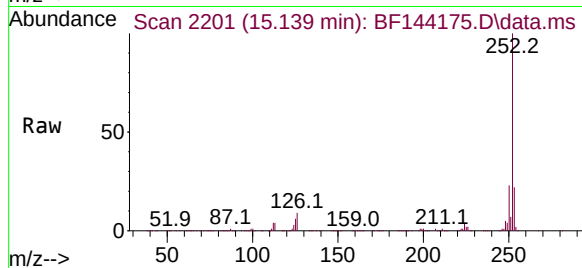
Tgt Ion:252 Resp: 699851

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.0 5.4 8.2



#90

Benzo(a)pyrene

Concen: 63.078 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144175.D

Acq: 05 Nov 2025 16:19

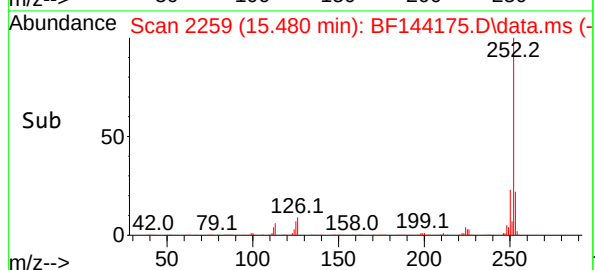
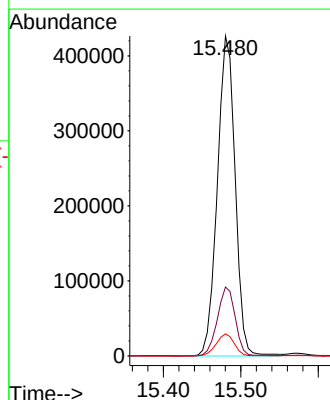
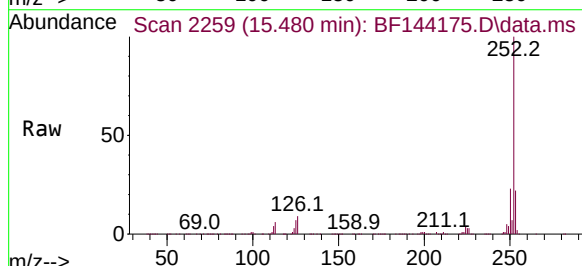
Tgt Ion:252 Resp: 680720

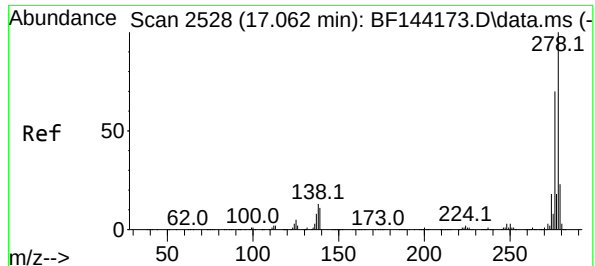
Ion Ratio Lower Upper

252 100

253 21.5 16.7 25.1

125 6.9 5.7 8.5

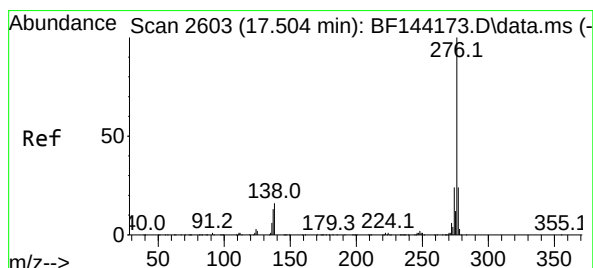
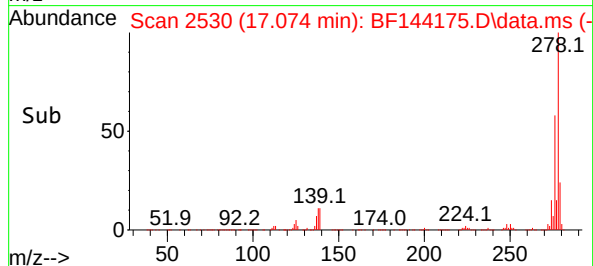
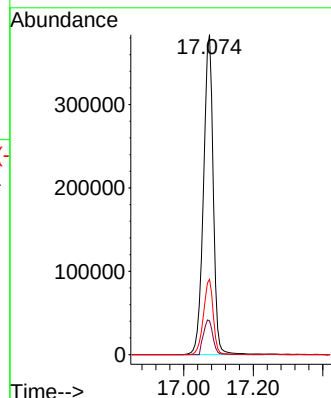
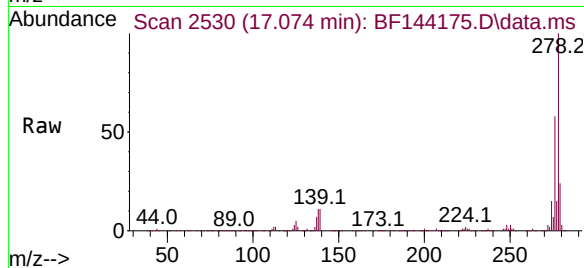




#91
Dibenzo(a,h)anthracene
Concen: 62.936 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

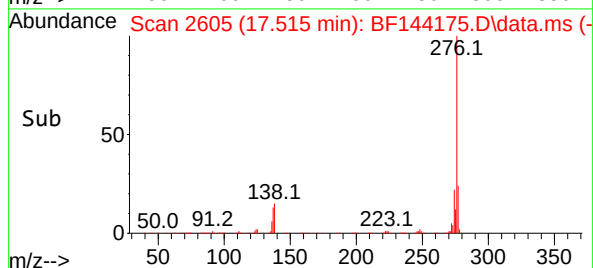
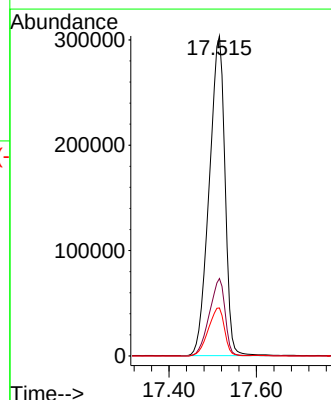
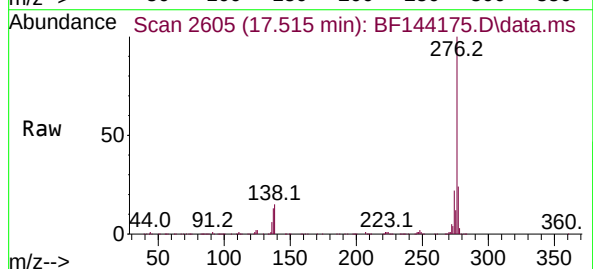
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 746544
Ion Ratio Lower Upper
278 100
139 10.6 9.1 13.7
279 23.5 18.2 27.4



#92
Benzo(g,h,i)perylene
Concen: 64.699 ng
RT: 17.515 min Scan# 2605
Delta R.T. -0.006 min
Lab File: BF144175.D
Acq: 05 Nov 2025 16:19

Tgt Ion:276 Resp: 757880
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 15.0 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 05 17:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69287	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	261584	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	147600	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	244733	20.000	ng	0.00
76) Chrysene-d12	14.063	240	156809	20.000	ng	0.00
86) Perylene-d12	15.545	264	213275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	661124	149.317	ng	0.00
7) Phenol-d6	6.510	99	742089	147.919	ng	0.00
23) Nitrobenzene-d5	7.445	82	707494	156.207	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	293555	158.489	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1397211	139.809	ng	0.00
79) Terphenyl-d14	12.998	244	1449323	146.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.604	88	149682	81.770	ng	99
3) Pyridine	3.375	79	427549	83.719	ng	99
4) n-Nitrosodimethylamine	3.346	42	224403	84.122	ng	98
6) Aniline	6.545	93	532078	74.439	ng	98
8) 2-Chlorophenol	6.663	128	333730	76.859	ng	100
9) Benzaldehyde	6.428	77	189297	66.820	ng	97
10) Phenol	6.528	94	441818	72.080	ng	78
11) bis(2-Chloroethyl)ether	6.616	93	348844	78.104	ng	99
12) 1,3-Dichlorobenzene	6.816	146	406743	75.913	ng	97
13) 1,4-Dichlorobenzene	6.892	146	405797	75.597	ng	99
14) 1,2-Dichlorobenzene	7.045	146	389053	75.617	ng	99
15) Benzyl Alcohol	7.022	79	317271	79.866	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	620126	75.396	ng	88
17) 2-Methylphenol	7.128	107	265517	76.865	ng	99
18) Hexachloroethane	7.386	117	139795	78.387	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	249355	75.502	ng	98
20) 3+4-Methylphenols	7.287	107	299182	73.473	ng	97
22) Acetophenone	7.292	105	409610	72.994	ng	94
24) Nitrobenzene	7.463	77	385188	78.328	ng	98
25) Isophorone	7.704	82	689837	80.522	ng	99
26) 2-Nitrophenol	7.775	139	194869	80.050	ng	94
27) 2,4-Dimethylphenol	7.816	122	287607	78.826	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	407835	76.234	ng	97
29) 2,4-Dichlorophenol	8.022	162	311260	74.016	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	326475	75.604	ng	97
31) Naphthalene	8.186	128	920731	73.994	ng	99
32) Benzoic acid	7.951	122	213364	79.777	ng	97
33) 4-Chloroaniline	8.233	127	341033	75.146	ng	97
34) Hexachlorobutadiene	8.298	225	249435	76.645	ng	98
35) Caprolactam	8.622	113	91899	79.765	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	290083	76.969	ng	98
37) 2-Methylnaphthalene	8.875	142	610532	73.386	ng	100
38) 1-Methylnaphthalene	8.975	142	586747	73.093	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	361014	74.631	ng	99
41) Hexachlorocyclopentadiene	9.028	237	146524	78.238	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	254681	77.355	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144176.D
 Acq On : 05 Nov 2025 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Nov 05 17:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

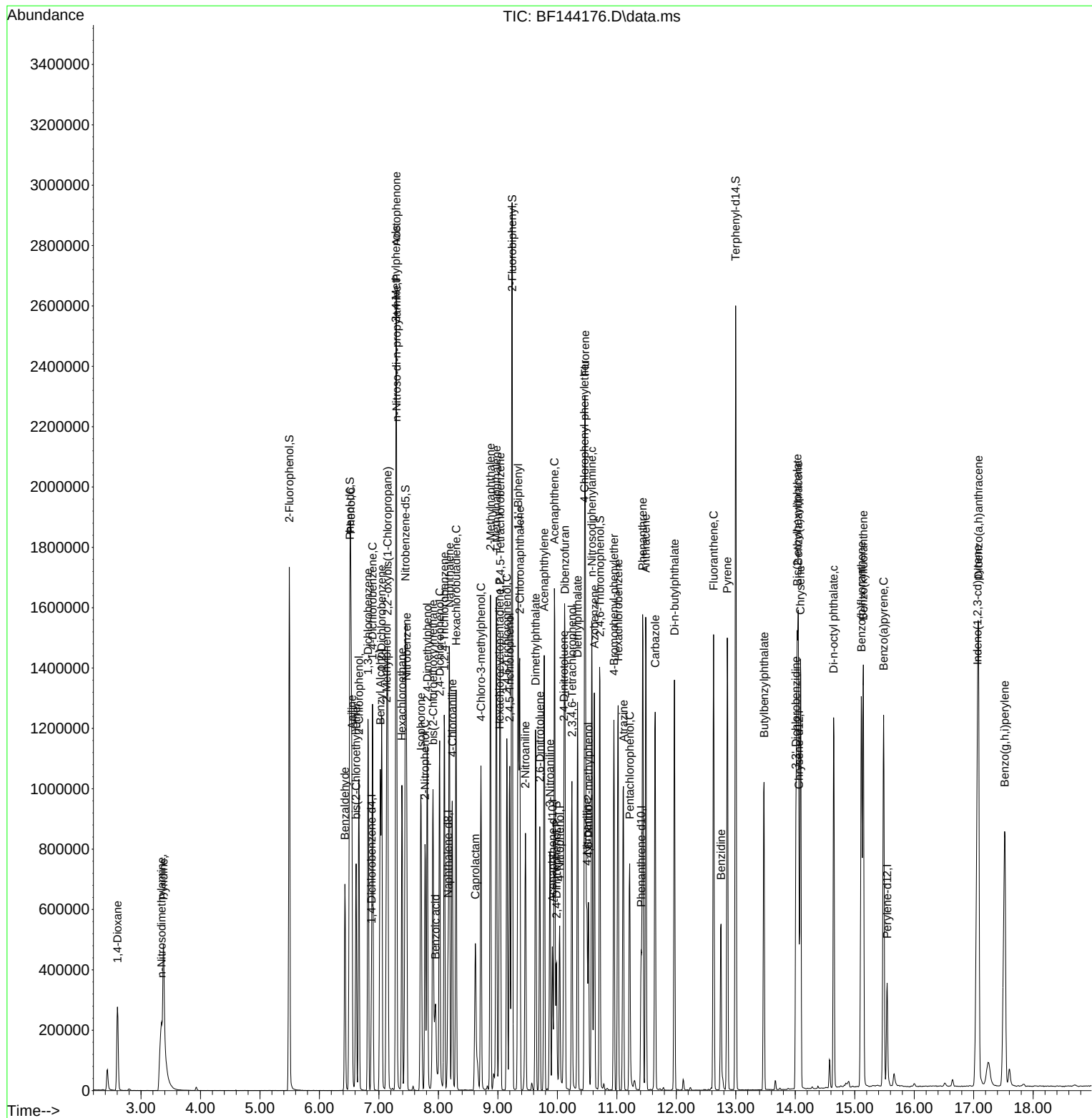
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	268940	75.791	ng	98
46) 1,1'-Biphenyl	9.339	154	749883	72.784	ng	99
47) 2-Chloronaphthalene	9.369	162	641521	72.995	ng	99
48) 2-Nitroaniline	9.463	65	203746	80.348	ng	98
49) Acenaphthylene	9.780	152	889410	74.264	ng	99
50) Dimethylphthalate	9.633	163	736477	75.318	ng	100
51) 2,6-Dinitrotoluene	9.704	165	156870	79.250	ng	98
52) Acenaphthene	9.951	154	594593	74.243	ng	99
53) 3-Nitroaniline	9.875	138	167110	77.230	ng	96
54) 2,4-Dinitrophenol	9.986	184	96727	80.924	ng	96
55) Dibenzofuran	10.128	168	802174	71.517	ng	98
56) 4-Nitrophenol	10.039	139	117050	74.782	ng	93
57) 2,4-Dinitrotoluene	10.110	165	208441	78.661	ng	95
58) Fluorene	10.469	166	618508	72.526	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	203523	81.067	ng	98
60) Diethylphthalate	10.339	149	686705	76.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	357010	73.492	ng	95
62) 4-Nitroaniline	10.498	138	158441	76.889	ng	98
63) Azobenzene	10.622	77	646943	77.117	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	134894	81.136	ng	96
66) n-Nitrosodiphenylamine	10.580	169	600791	76.327	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	246236	78.826	ng	97
68) Hexachlorobenzene	11.022	284	289823	78.769	ng	97
69) Atrazine	11.110	200	191862	76.645	ng	99
70) Pentachlorophenol	11.216	266	161918	88.373	ng	99
71) Phenanthrene	11.433	178	916773	75.238	ng	99
72) Anthracene	11.486	178	916037	73.934	ng	99
73) Carbazole	11.645	167	777702	73.816	ng	100
74) Di-n-butylphthalate	11.969	149	965695	75.822	ng	100
75) Fluoranthene	12.627	202	937436	74.476	ng	99
77) Benzidine	12.751	184	347077	74.828	ng	99
78) Pyrene	12.857	202	943190	74.600	ng	99
80) Butylbenzylphthalate	13.474	149	344575	78.633	ng	99
81) Benzo(a)anthracene	14.051	228	856602	78.818	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	301919	81.046	ng	97
83) Chrysene	14.086	228	792397	78.982	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	479285	79.898	ng	99
85) Di-n-octyl phthalate	14.645	149	855486	82.657	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1215637	79.403	ng	99
88) Benzo(b)fluoranthene	15.110	252	975518	80.454	ng	99
89) Benzo(k)fluoranthene	15.145	252	870791	76.728	ng	98
90) Benzo(a)pyrene	15.486	252	877623	78.458	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	970735	78.952	ng	98
92) Benzo(g,h,i)perylene	17.521	276	981387	80.827	ng	98

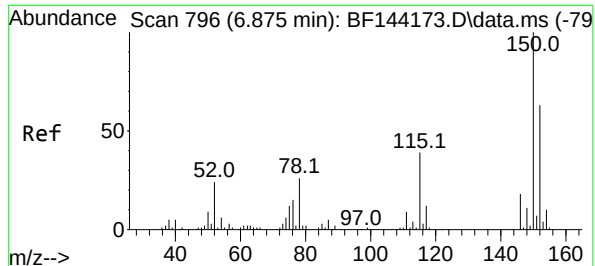
(#) = qualifier out of range (m) = manual integration (+) = signals summed


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Data File : BF144176.D  
Acq On    : 05 Nov 2025  16:49  
Operator  : RC/JU  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 10    Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :
SSTDICC080

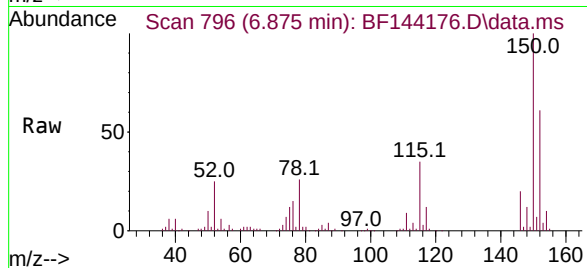
Quant Time: Nov 05 17:24:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration



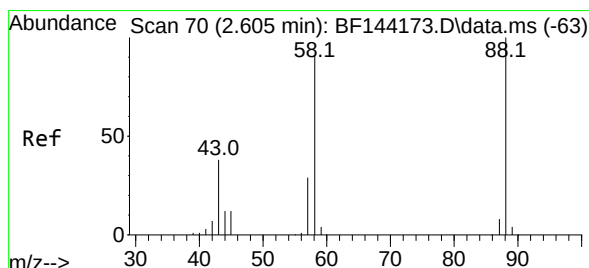
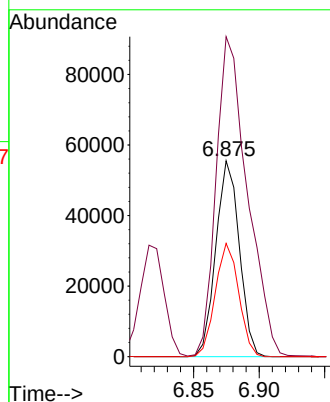
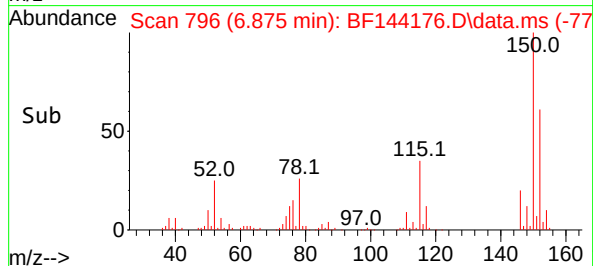


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

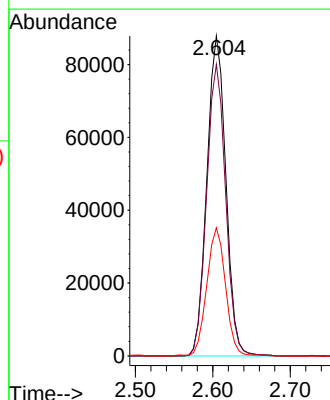
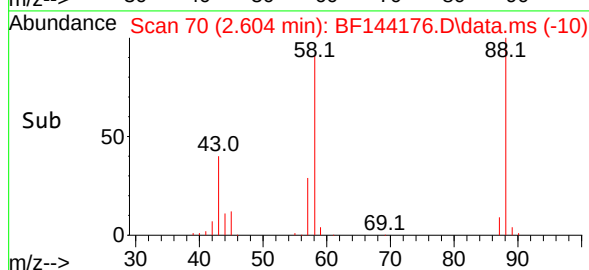
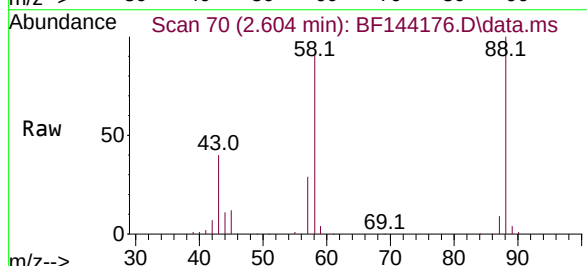


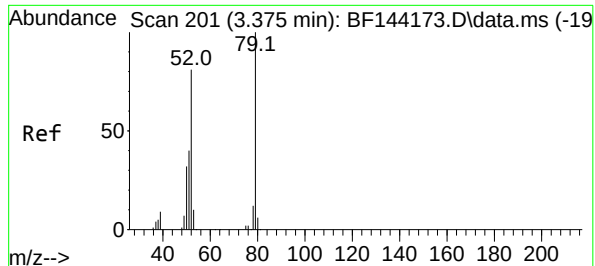
Tgt Ion:152 Resp: 69287
Ion Ratio Lower Upper
152 100
150 163.4 127.4 191.0
115 57.8 49.5 74.3



#2
1,4-Dioxane
Concen: 81.770 ng
RT: 2.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 88 Resp: 149682
Ion Ratio Lower Upper
88 100
58 91.2 73.1 109.7
43 39.7 31.0 46.6





#3

Pyridine

Concen: 83.719 ng

RT: 3.375 min Scan# 201

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

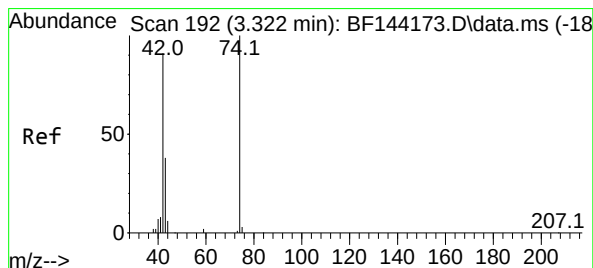
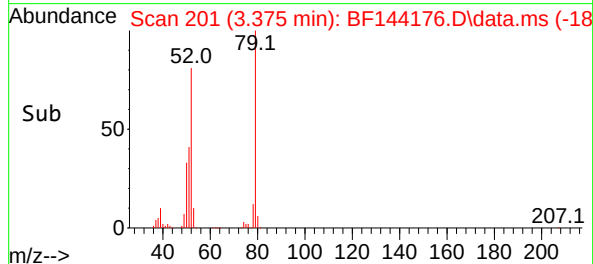
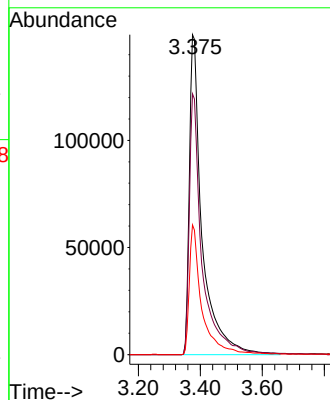
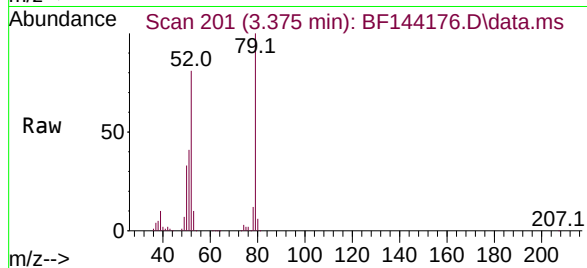
BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion: 79 Resp: 427549

Ion	Ratio	Lower	Upper
79	100		
52	81.5	64.5	96.7
51	40.5	31.7	47.5



#4

n-Nitrosodimethylamine

Concen: 84.122 ng

RT: 3.346 min Scan# 196

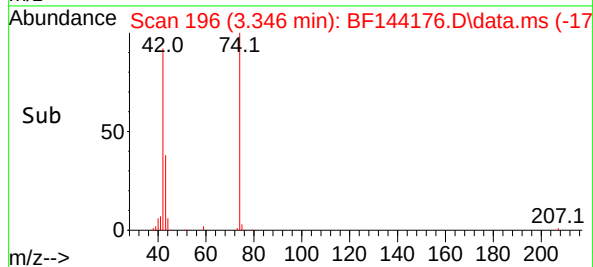
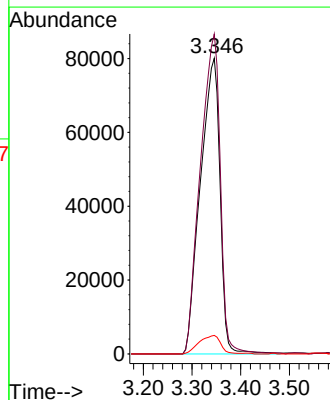
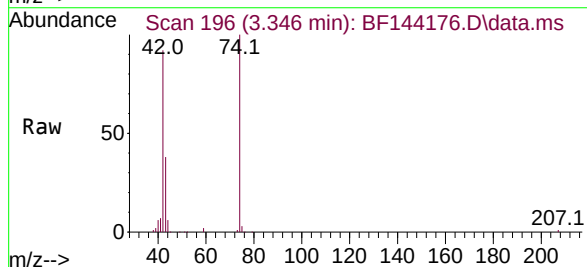
Delta R.T. 0.000 min

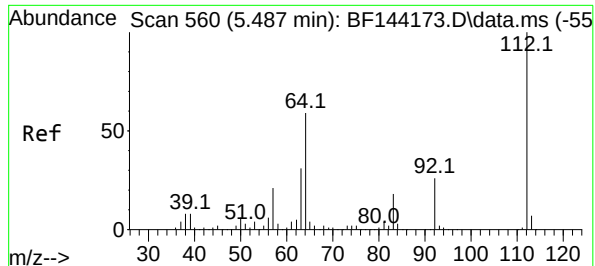
Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion: 42 Resp: 224403

Ion	Ratio	Lower	Upper
42	100		
74	108.2	88.2	132.4
44	6.2	5.7	8.5

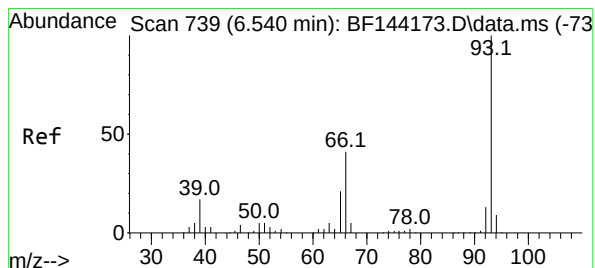
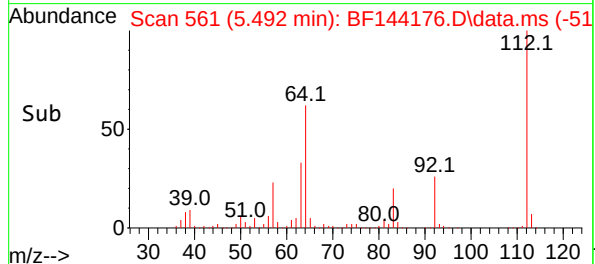
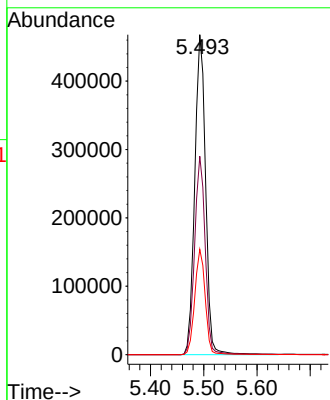
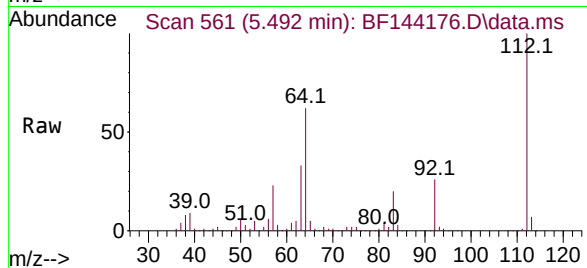




#5
2-Fluorophenol
Concen: 149.317 ng
RT: 5.492 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

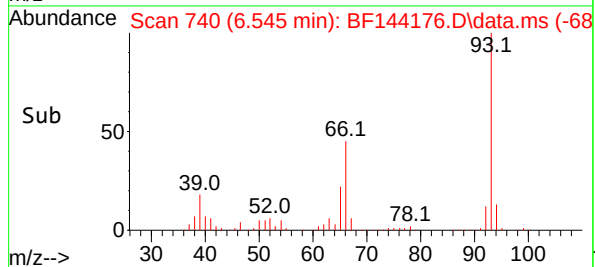
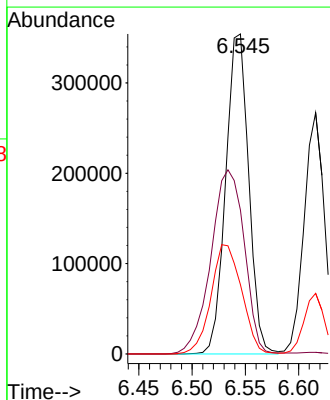
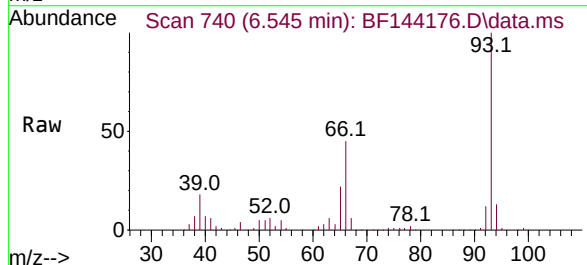
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

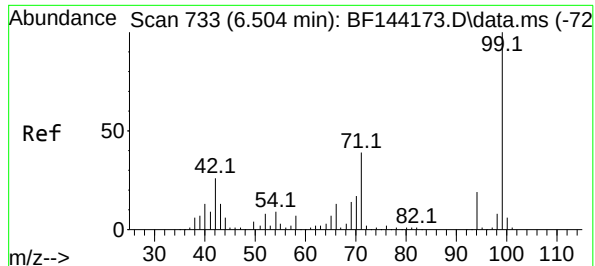
Tgt Ion:112 Resp: 661124
Ion Ratio Lower Upper
112 100
64 62.0 47.2 70.8
63 32.9 24.4 36.6



#6
Aniline
Concen: 74.439 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 93 Resp: 532078
Ion Ratio Lower Upper
93 100
66 44.9 34.3 51.5
65 21.6 16.9 25.3

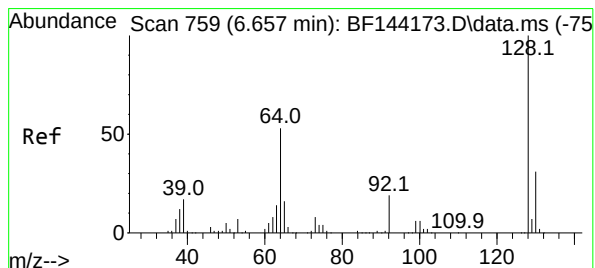
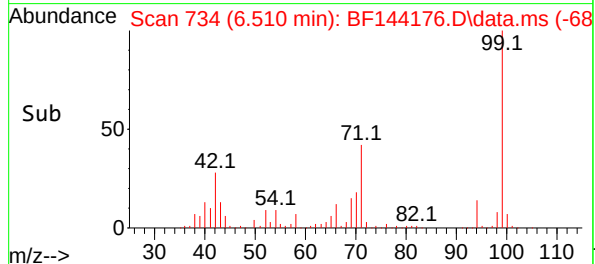
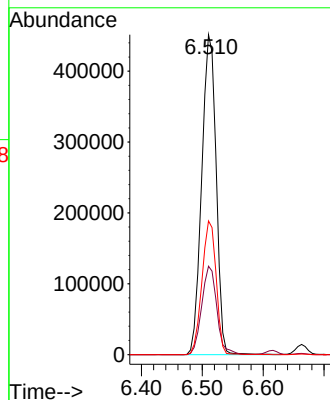
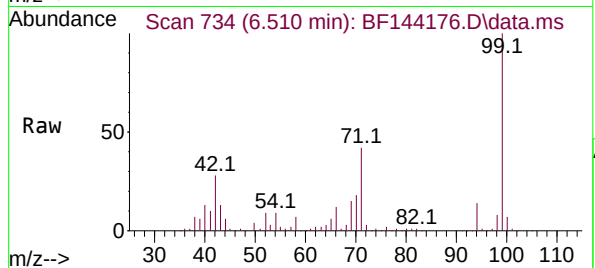




#7
Phenol-d6
Concen: 147.919 ng
RT: 6.510 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

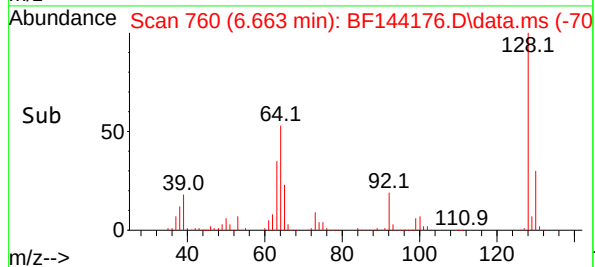
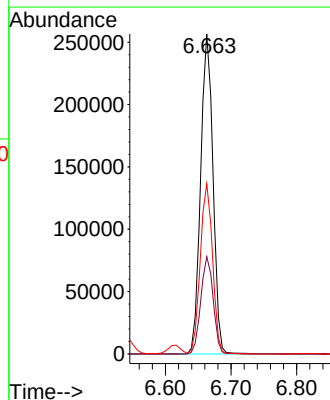
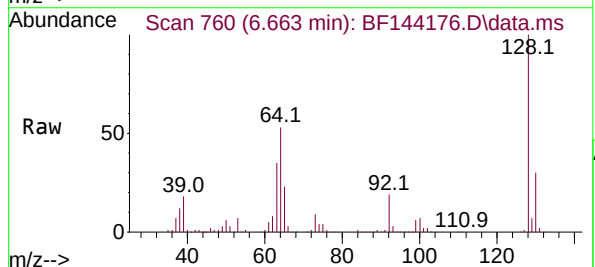
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

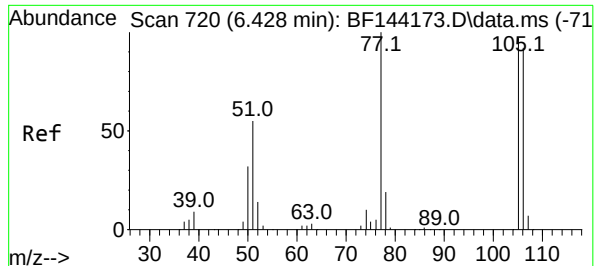
Tgt Ion: 99 Resp: 742089
Ion Ratio Lower Upper
99 100
42 27.6 20.9 31.3
71 41.8 31.4 47.2



#8
2-Chlorophenol
Concen: 76.859 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 128 Resp: 333730
Ion Ratio Lower Upper
128 100
130 30.4 10.5 50.5
64 53.2 33.2 73.2





#9

Benzaldehyde

Concen: 66.820 ng

RT: 6.428 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

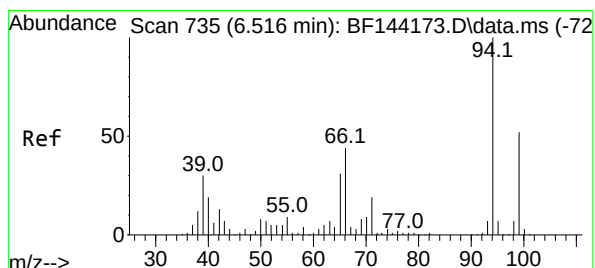
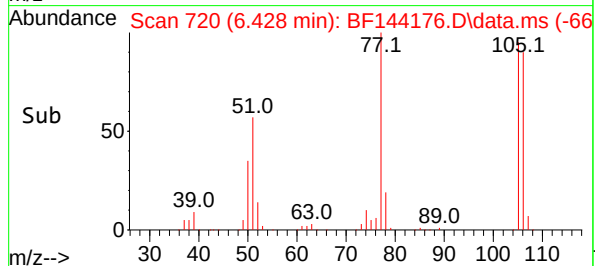
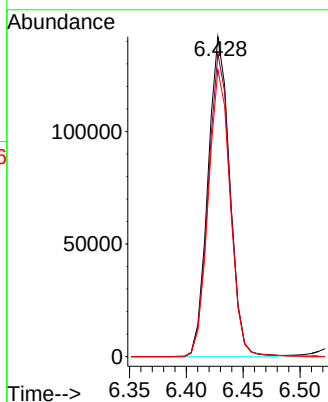
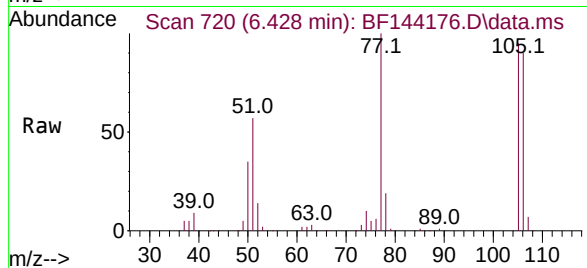
Tgt Ion: 77 Resp: 189297

Ion Ratio Lower Upper

77 100

105 94.7 77.2 117.2

106 89.6 72.2 112.2



#10

Phenol

Concen: 72.080 ng

RT: 6.528 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

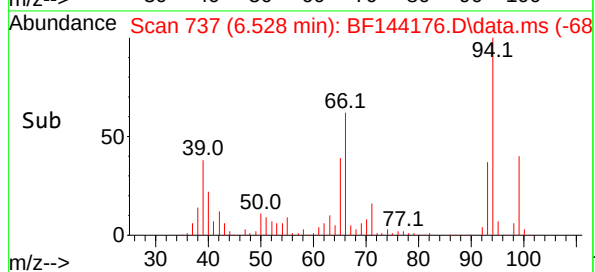
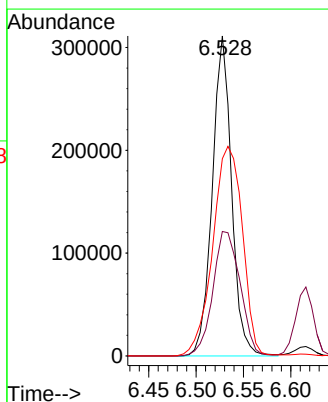
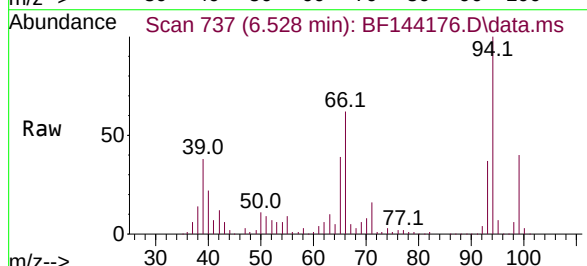
Tgt Ion: 94 Resp: 441818

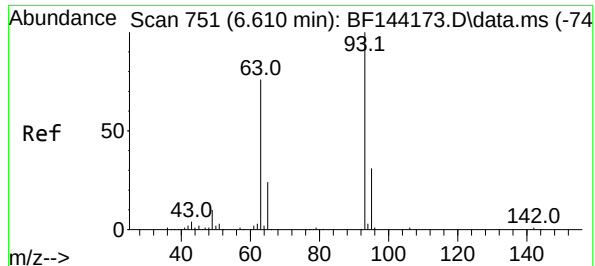
Ion Ratio Lower Upper

94 100

65 38.9 10.8 50.8

66 61.6 24.3 64.3





#11

bis(2-Chloroethyl)ether

Concen: 78.104 ng

RT: 6.616 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

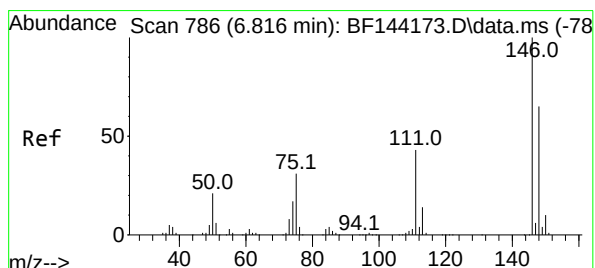
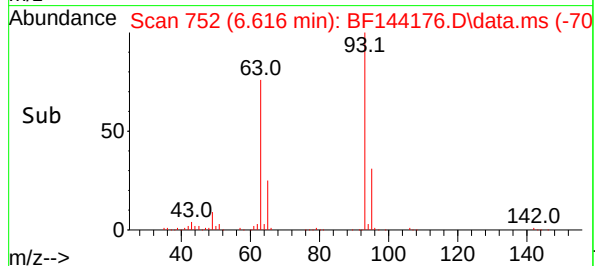
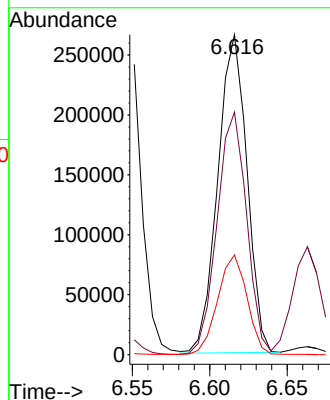
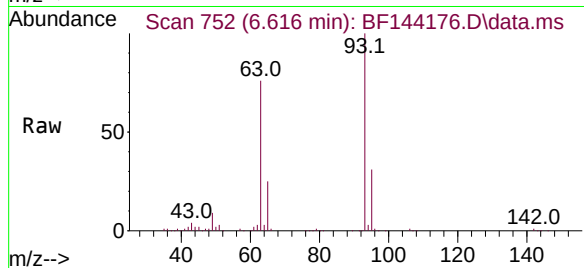
Tgt Ion: 93 Resp: 348844

Ion Ratio Lower Upper

93 100

63 75.8 55.2 95.2

95 31.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 75.913 ng

RT: 6.816 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

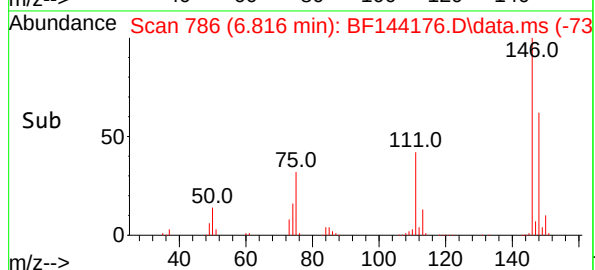
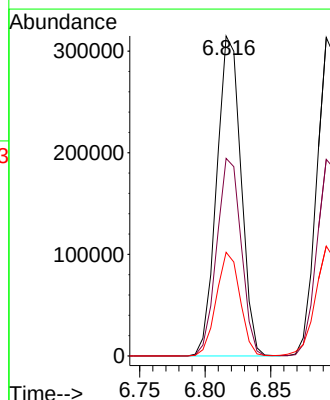
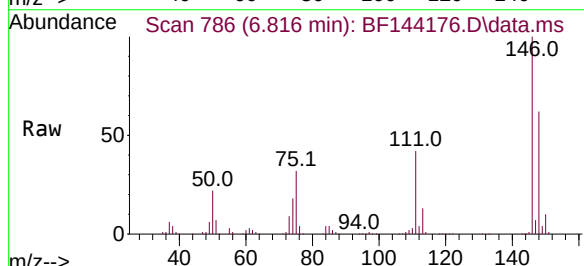
Tgt Ion:146 Resp: 406743

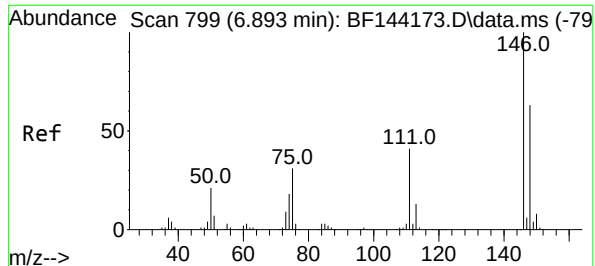
Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.8

75 32.4 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 75.597 ng

RT: 6.892 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

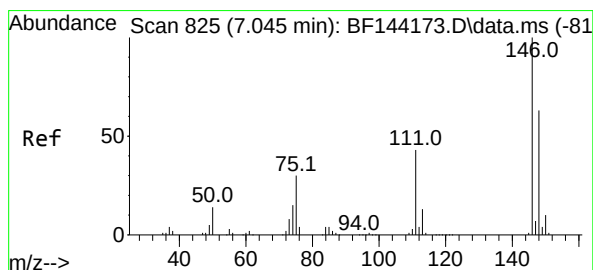
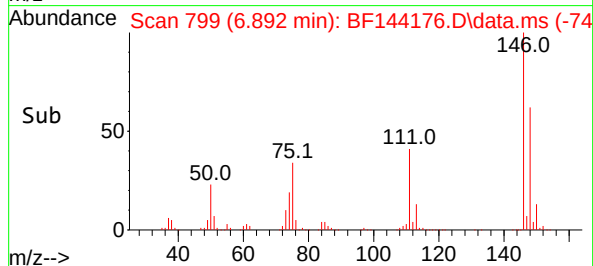
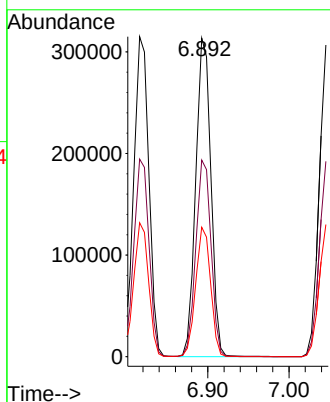
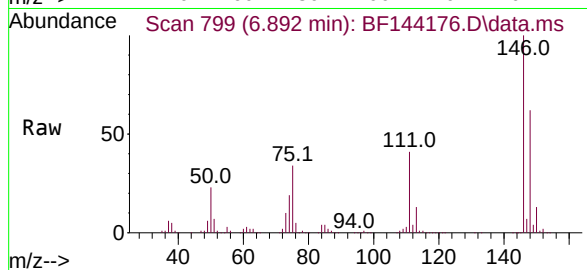
Tgt Ion:146 Resp: 405797

Ion Ratio Lower Upper

146 100

148 61.7 50.2 75.2

111 40.6 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 75.617 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

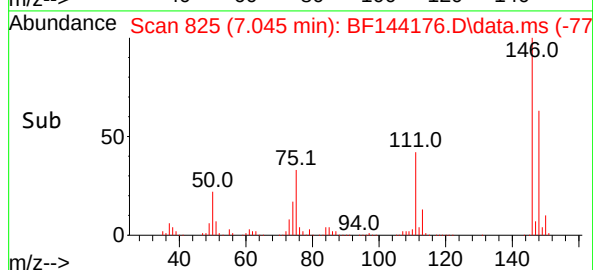
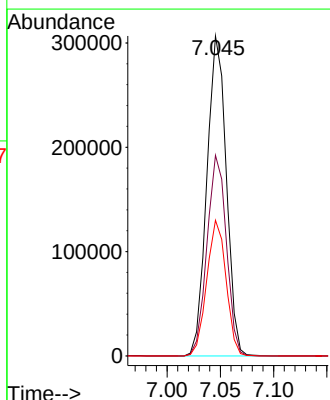
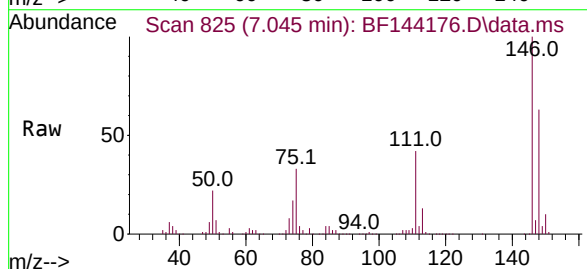
Tgt Ion:146 Resp: 389053

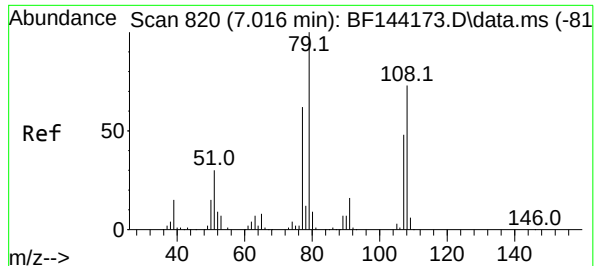
Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

111 42.4 34.2 51.4

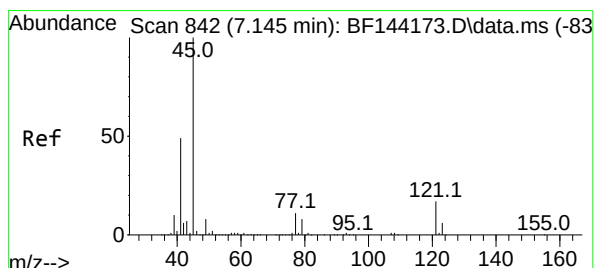
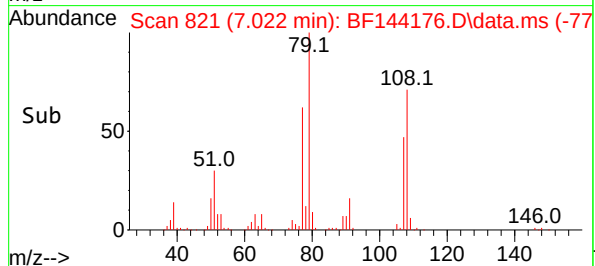
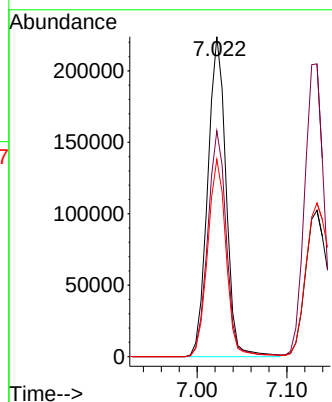
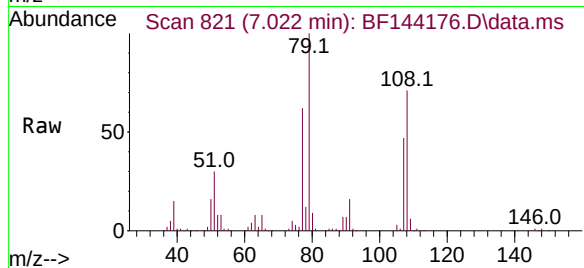




#15
Benzyl Alcohol
Concen: 79.866 ng
RT: 7.022 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

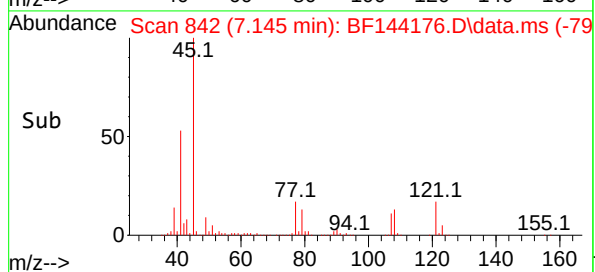
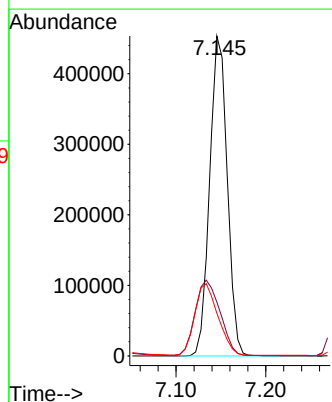
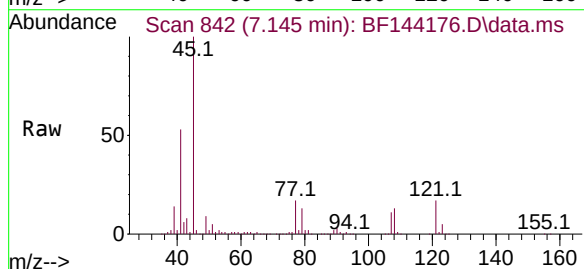
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

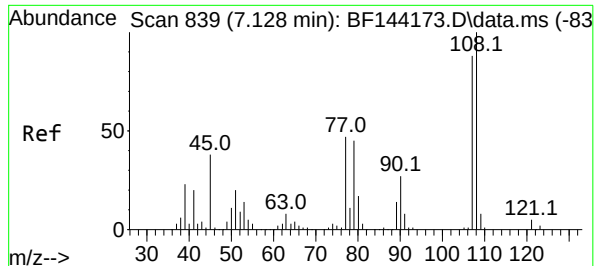
Tgt Ion: 79 Resp: 317271
Ion Ratio Lower Upper
79 100
108 70.6 58.2 87.4
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 75.396 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 45 Resp: 620126
Ion Ratio Lower Upper
45 100
77 16.8 0.0 31.8
79 13.3 0.0 29.1

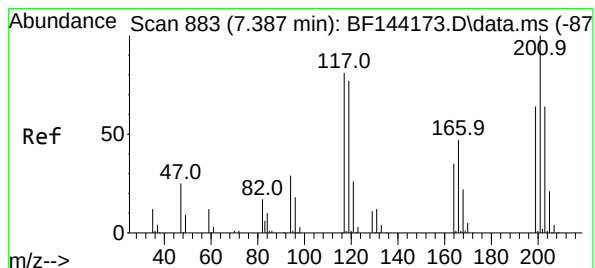
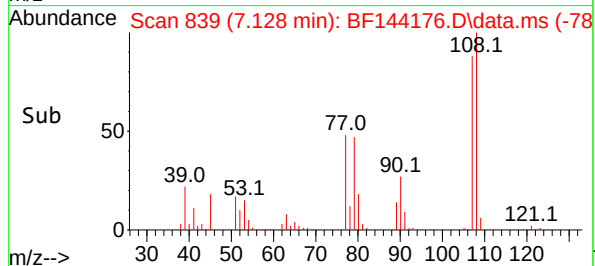
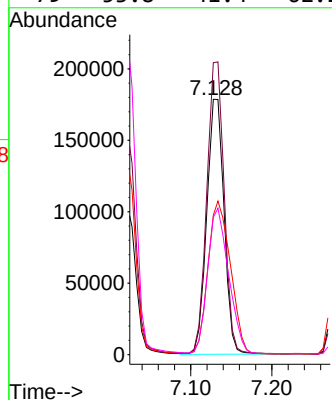
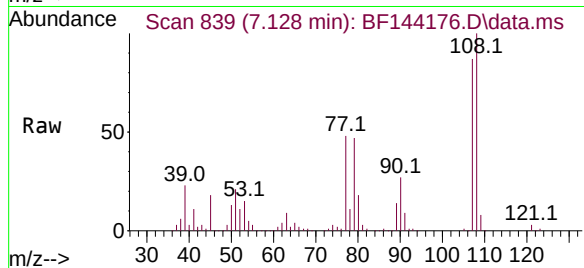




#17
2-Methylphenol
Concen: 76.865 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

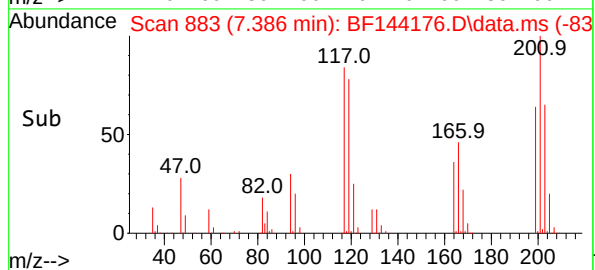
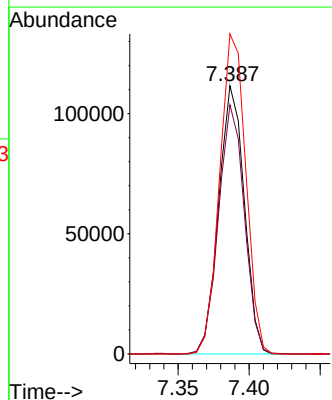
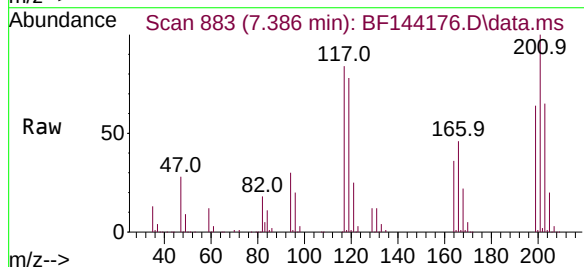
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

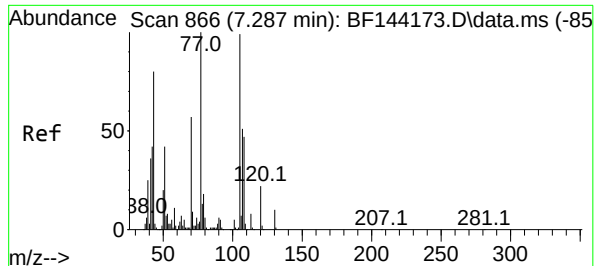
Tgt Ion:	107	Resp:	265517
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.0	136.4
77	54.6	42.7	64.1
79	53.8	41.4	62.2



#18
Hexachloroethane
Concen: 78.387 ng
RT: 7.386 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:	117	Resp:	139795
Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.8	113.8
201	119.4	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 75.502 ng

RT: 7.298 min Scan# 868

Delta R.T. 0.000 min

Lab File: BF144176.D

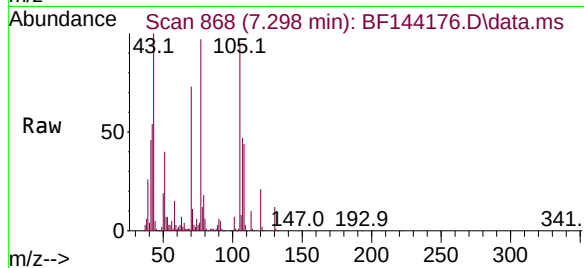
Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080



Tgt Ion: 70 Resp: 249355

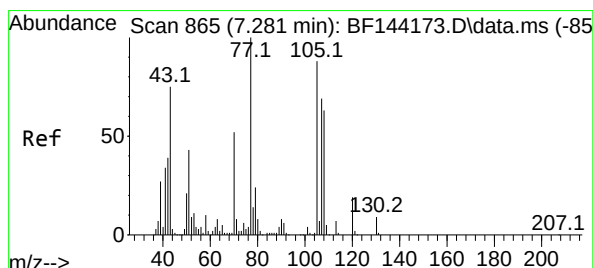
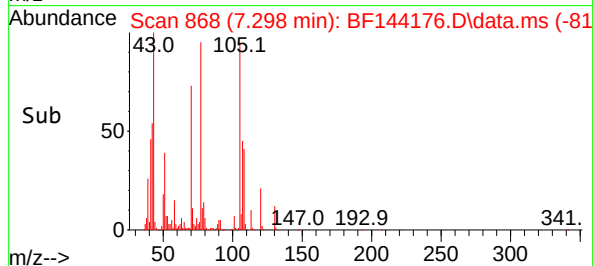
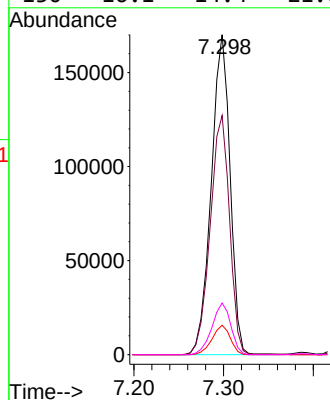
Ion Ratio Lower Upper

70 100

42 74.7 58.3 87.5

101 9.2 7.0 10.6

130 16.1 14.4 21.6



#20

3+4-Methylphenols

Concen: 73.473 ng

RT: 7.287 min Scan# 866

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion: 107 Resp: 299182

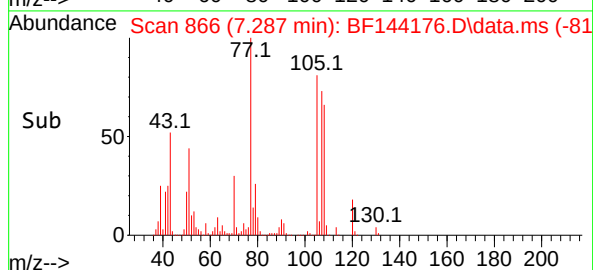
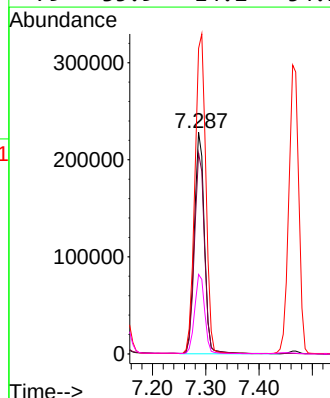
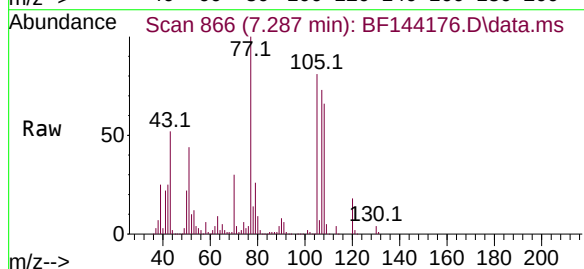
Ion Ratio Lower Upper

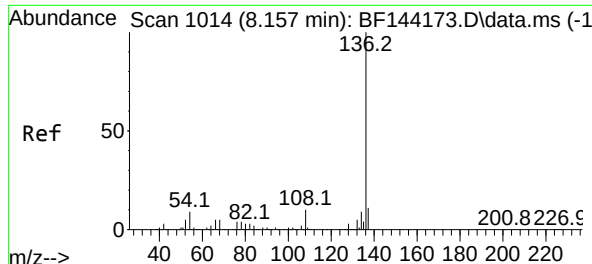
107 100

108 90.6 70.2 110.2

77 137.9 123.9 163.9

79 35.9 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:136 Resp: 261584

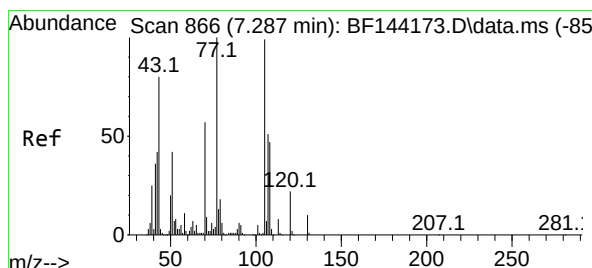
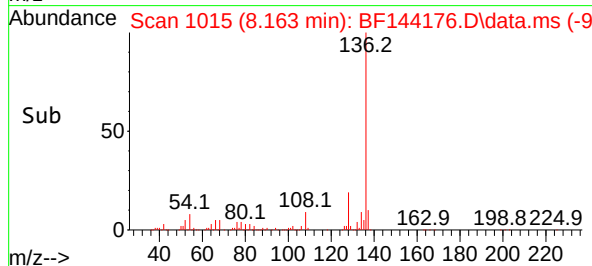
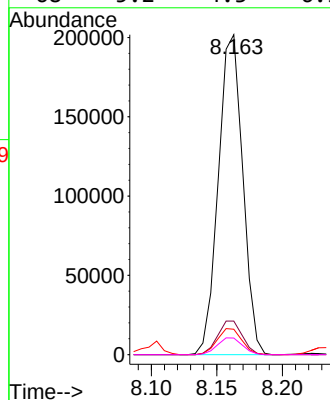
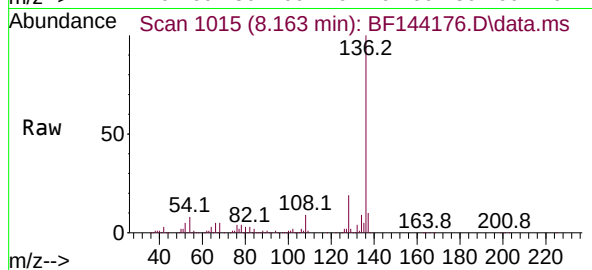
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 7.9 7.0 10.6

68 5.2 4.3 6.5



#22

Acetophenone

Concen: 72.994 ng

RT: 7.292 min Scan# 867

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:105 Resp: 409610

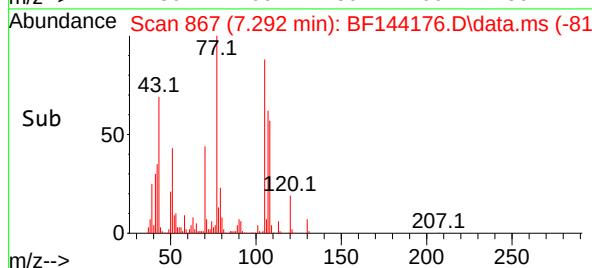
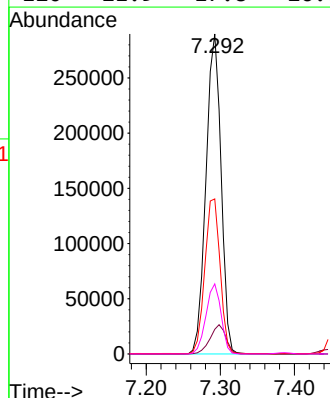
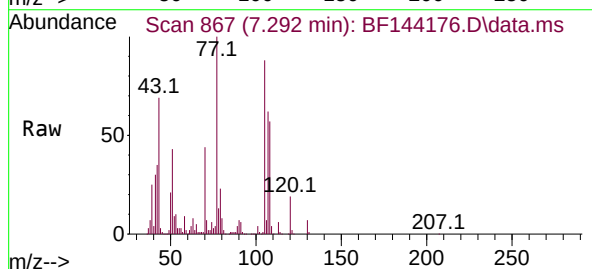
Ion Ratio Lower Upper

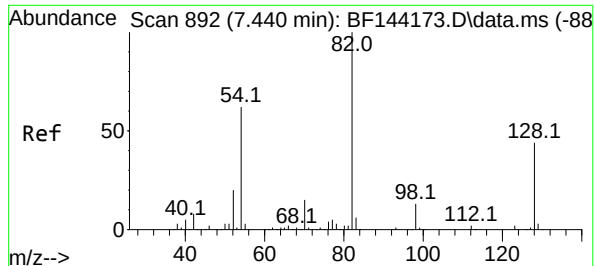
105 100

71 7.7 7.2 10.8

51 48.4 34.0 51.0

120 21.9 17.8 26.6

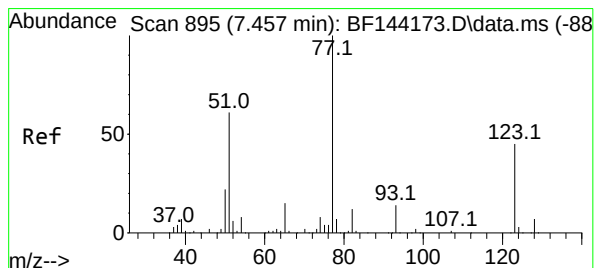
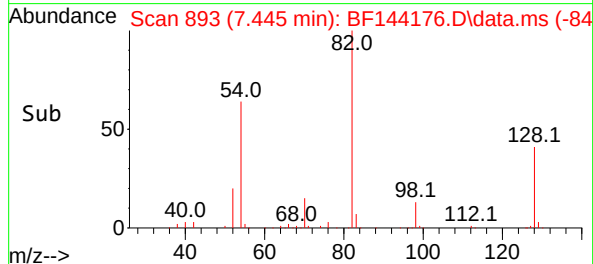
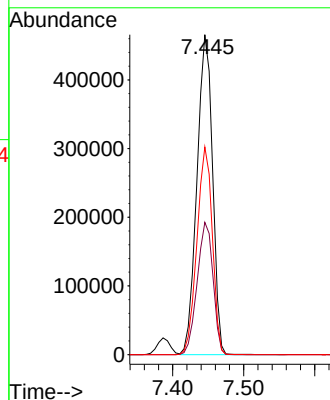
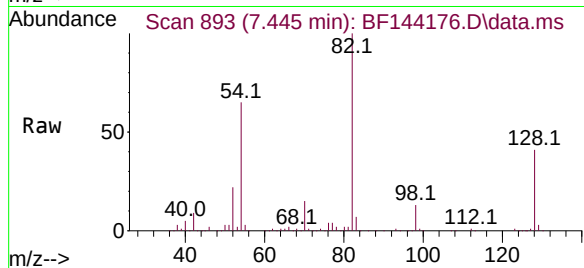




#23
Nitrobenzene-d5
Concen: 156.207 ng
RT: 7.445 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

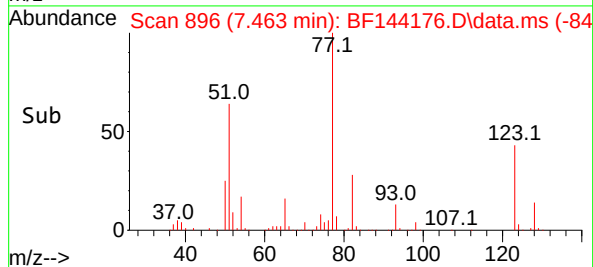
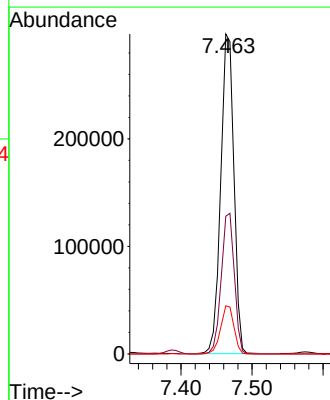
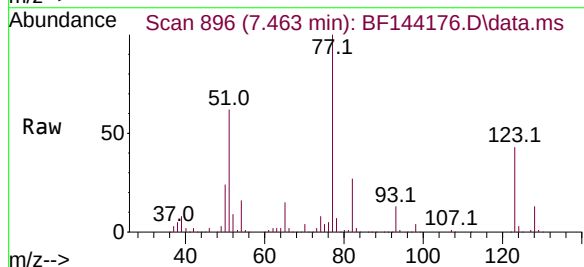
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

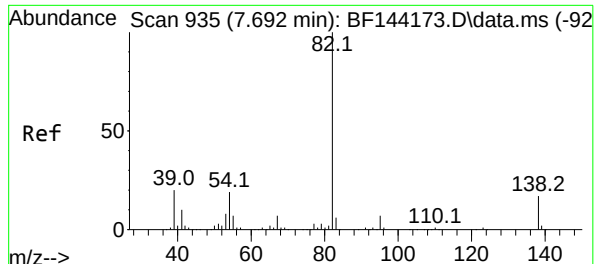
Tgt Ion: 82 Resp: 707494
Ion Ratio Lower Upper
82 100
128 41.3 34.7 52.1
54 64.9 49.5 74.3



#24
Nitrobenzene
Concen: 78.328 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 77 Resp: 385188
Ion Ratio Lower Upper
77 100
123 43.0 35.8 53.8
65 15.0 12.2 18.2

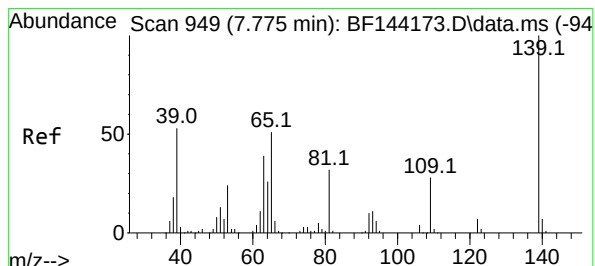
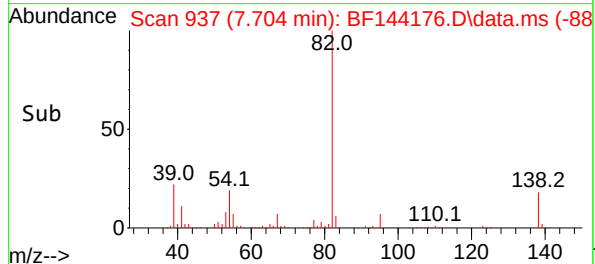
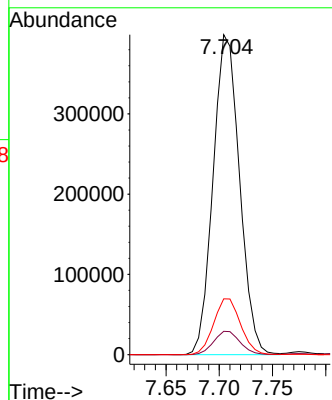
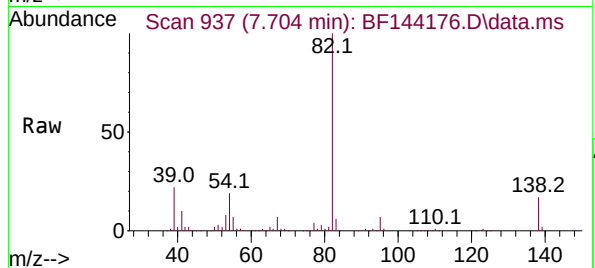




#25
Isophorone
Concen: 80.522 ng
RT: 7.704 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

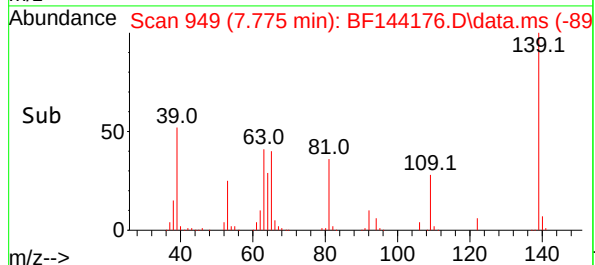
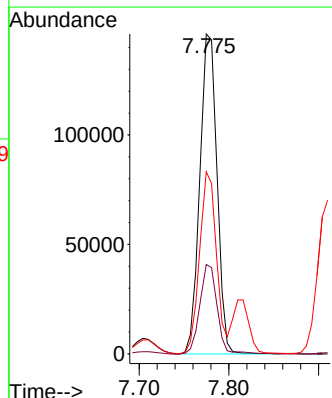
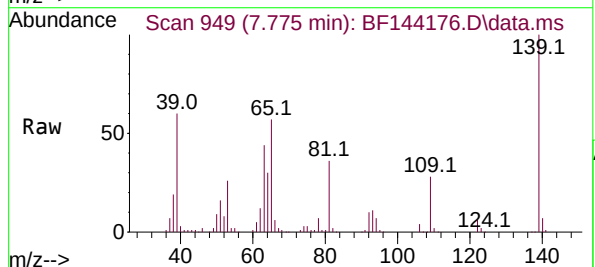
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

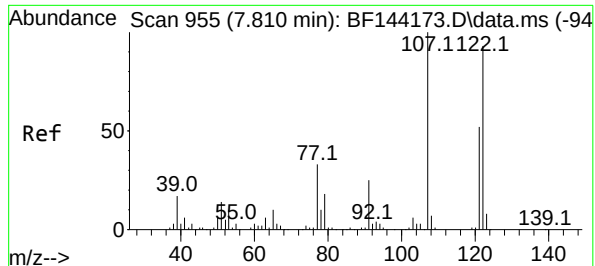
Tgt Ion: 82 Resp: 689837
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 17.4 13.7 20.5



#26
2-Nitrophenol
Concen: 80.050 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 139 Resp: 194869
Ion Ratio Lower Upper
139 100
109 27.9 22.2 33.2
65 56.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 78.826 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

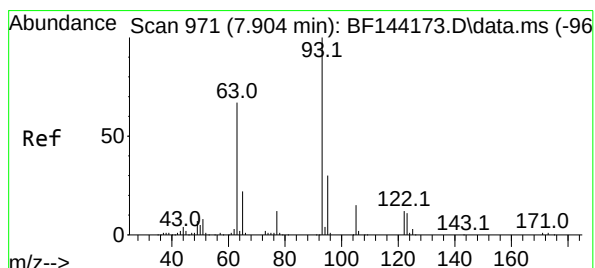
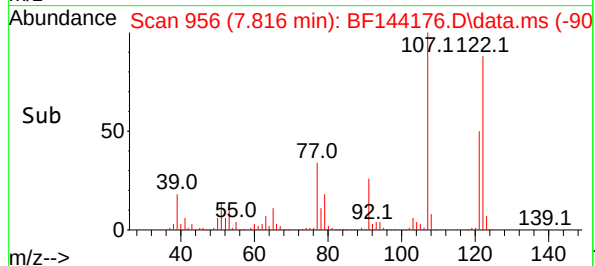
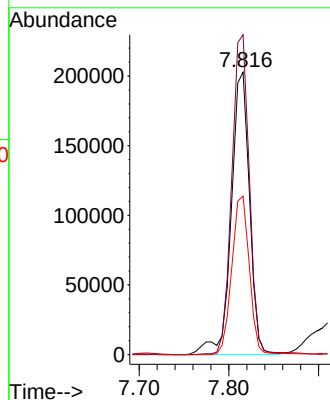
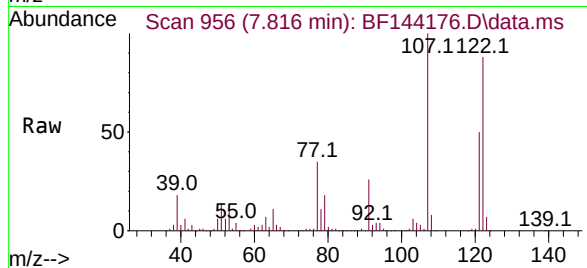
Tgt Ion:122 Resp: 287607

Ion Ratio Lower Upper

122 100

107 113.2 86.2 129.4

121 56.1 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 76.234 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

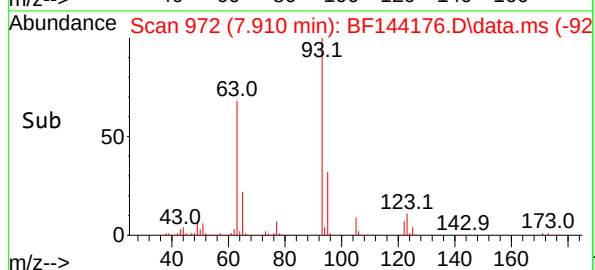
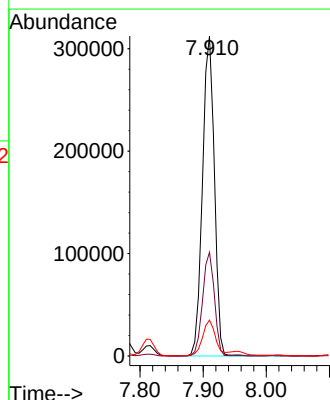
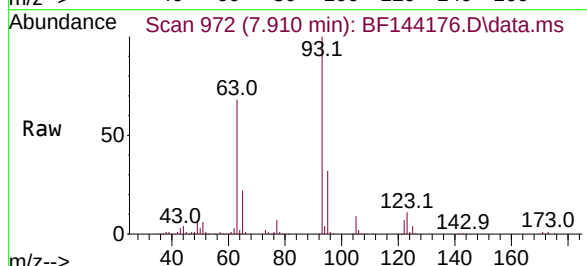
Tgt Ion: 93 Resp: 407835

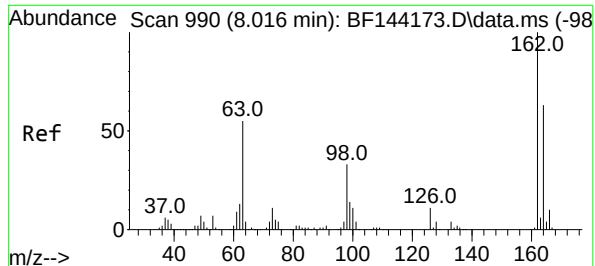
Ion Ratio Lower Upper

93 100

95 32.4 24.2 36.4

123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 74.016 ng

RT: 8.022 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

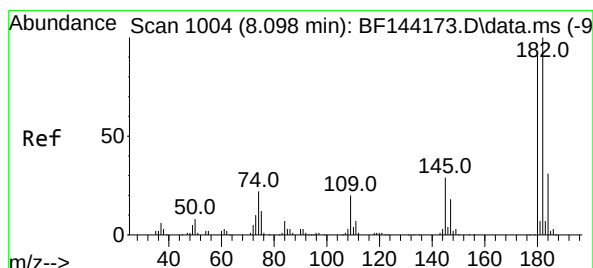
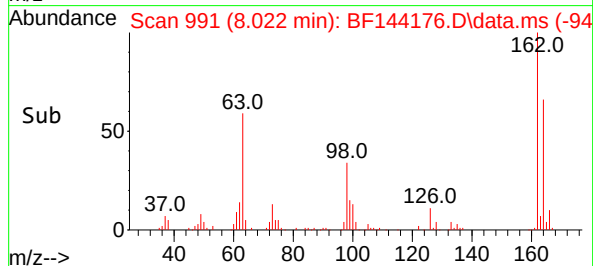
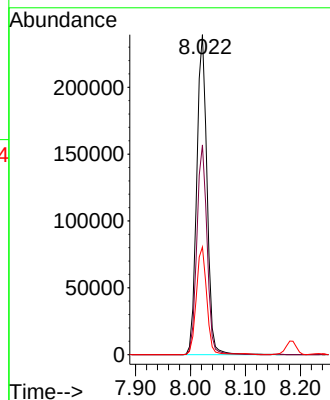
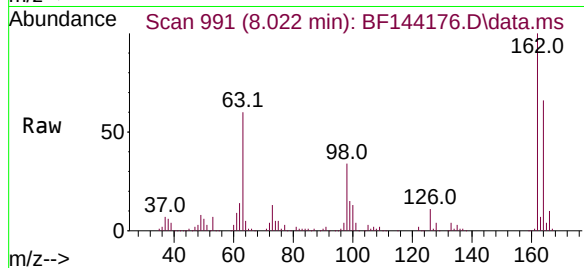
Tgt Ion:162 Resp: 311260

Ion Ratio Lower Upper

162 100

164 65.5 42.9 82.9

98 33.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 75.604 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

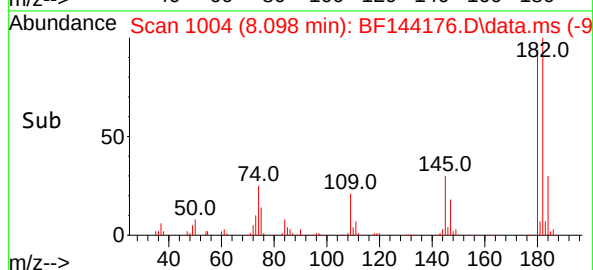
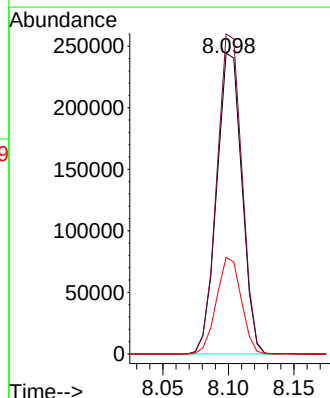
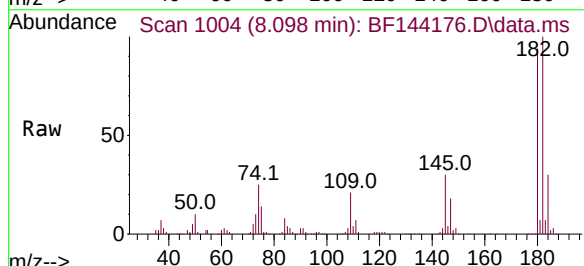
Tgt Ion:180 Resp: 326475

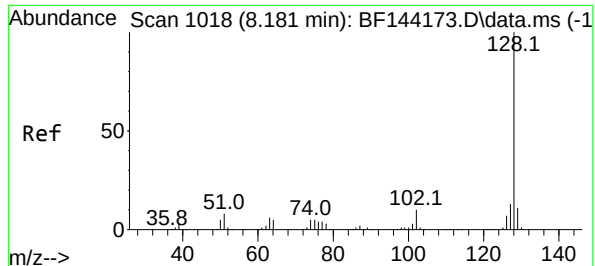
Ion Ratio Lower Upper

180 100

182 106.3 87.7 131.5

145 32.1 25.4 38.0

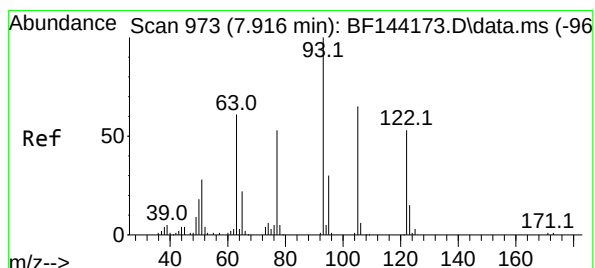
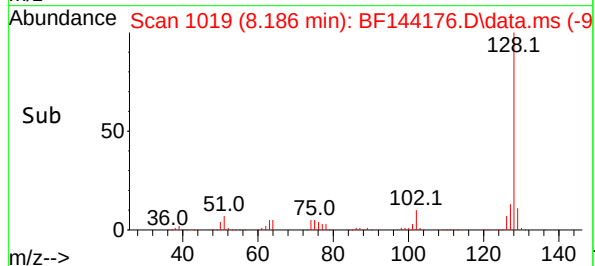
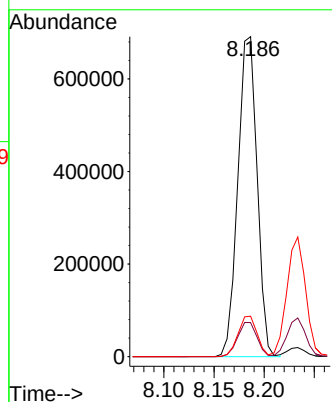
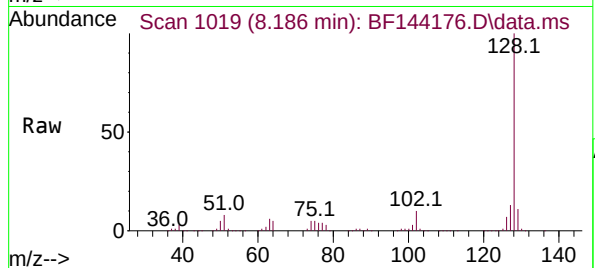




#31
Naphthalene
Concen: 73.994 ng
RT: 8.186 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

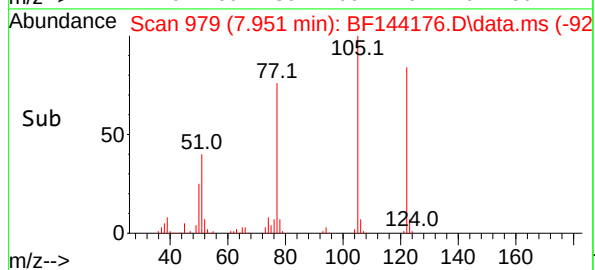
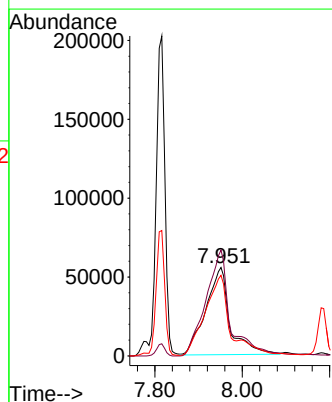
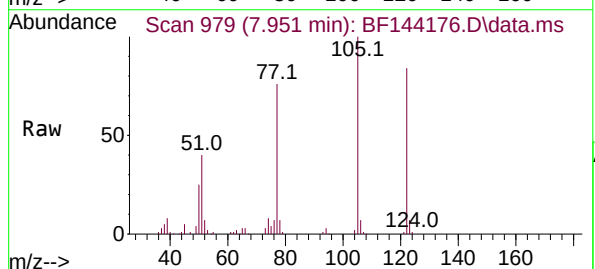
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

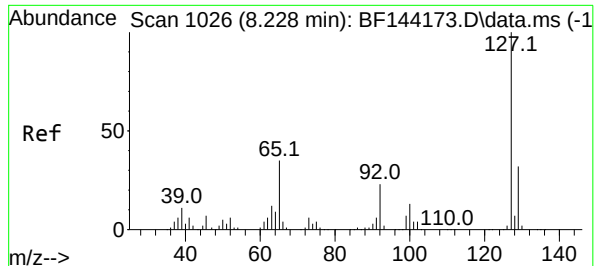
Tgt Ion:128 Resp: 920731
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.6 10.3 15.5



#32
Benzoic acid
Concen: 79.777 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:122 Resp: 213364
Ion Ratio Lower Upper
122 100
105 119.6 99.9 139.9
77 91.1 77.5 117.5

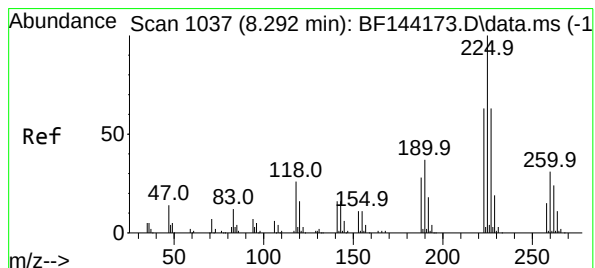
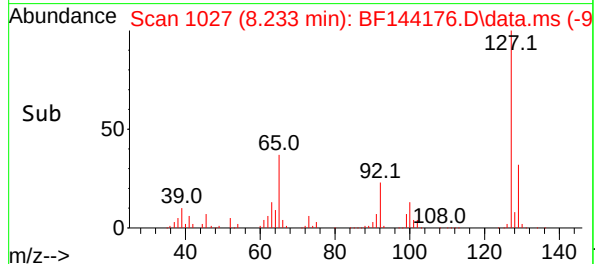
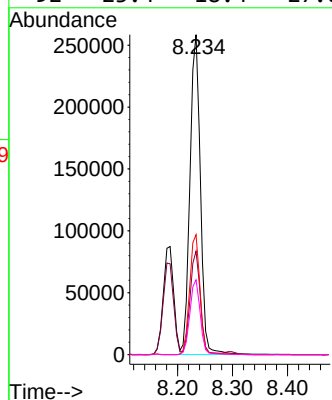
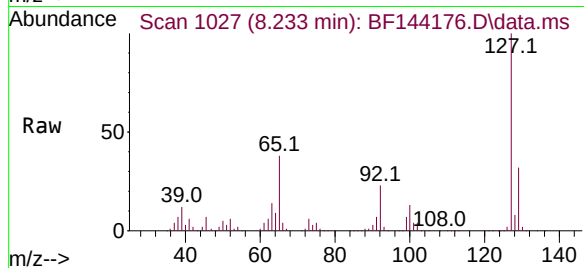




#33
4-Chloroaniline
Concen: 75.146 ng
RT: 8.233 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

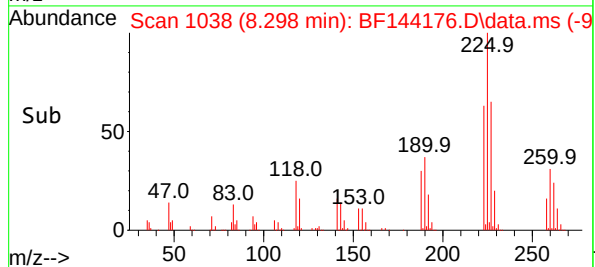
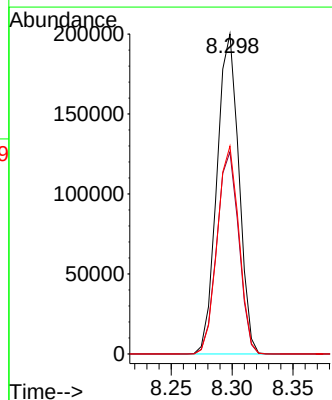
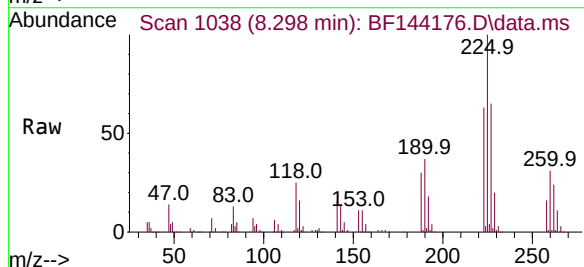
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

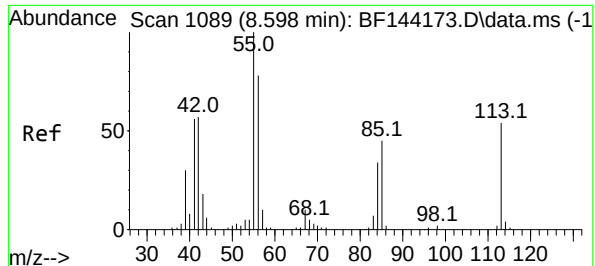
Tgt Ion:	127	Resp:	341033
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	37.5	27.6	41.4
92	23.4	18.4	27.6



#34
Hexachlorobutadiene
Concen: 76.645 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:	225	Resp:	249435
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.4
227	64.9	50.1	75.1





#35

Caprolactam

Concen: 79.765 ng

RT: 8.622 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

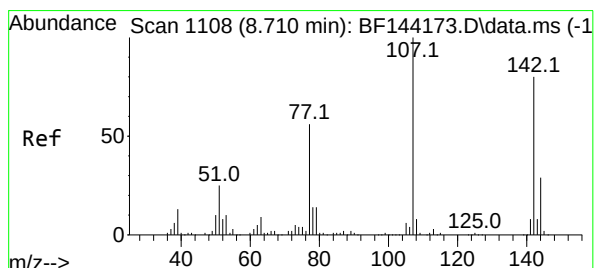
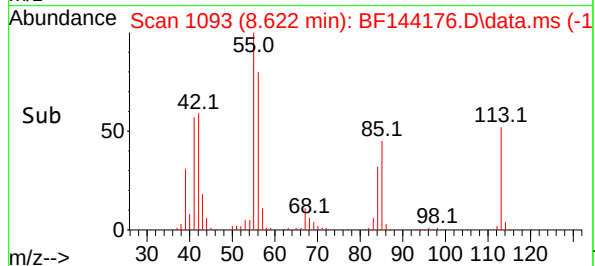
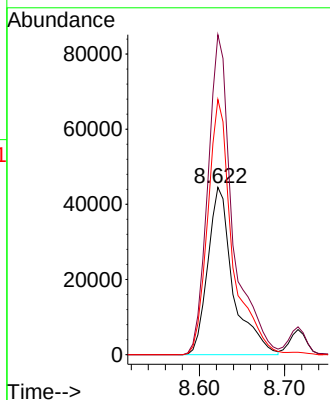
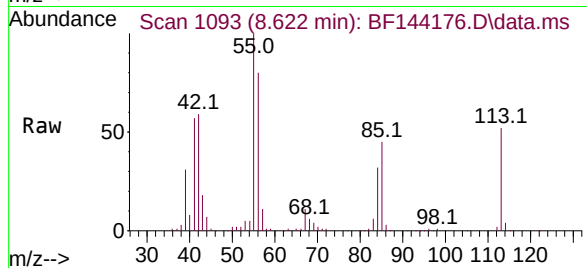
Tgt Ion:113 Resp: 91899

Ion Ratio Lower Upper

113 100

55 191.2 166.8 206.8

56 152.5 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 76.969 ng

RT: 8.716 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

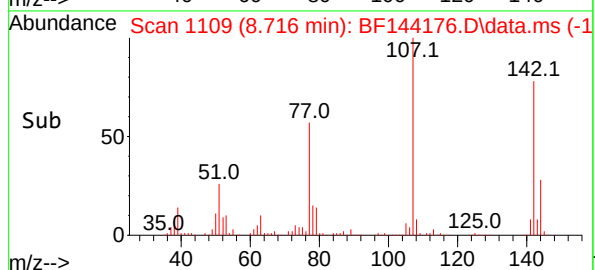
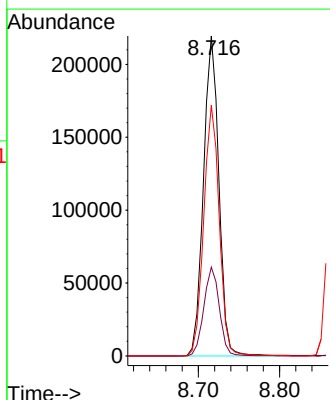
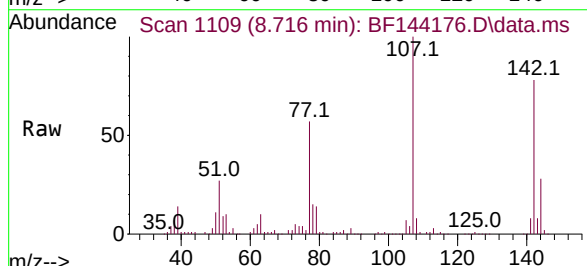
Tgt Ion:107 Resp: 290083

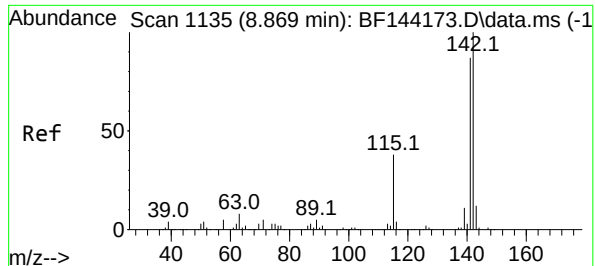
Ion Ratio Lower Upper

107 100

144 27.7 23.3 34.9

142 78.3 63.8 95.6





#37

2-Methylnaphthalene

Concen: 73.386 ng

RT: 8.875 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

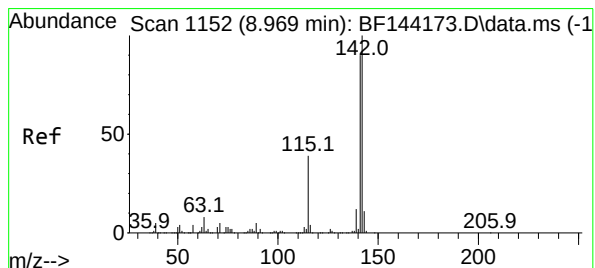
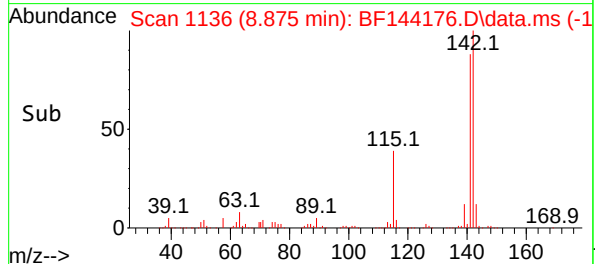
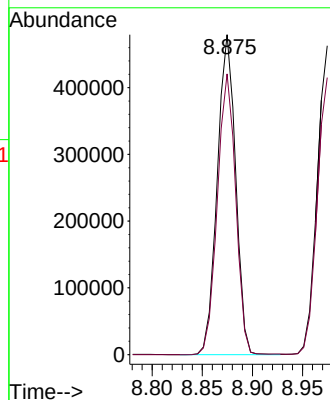
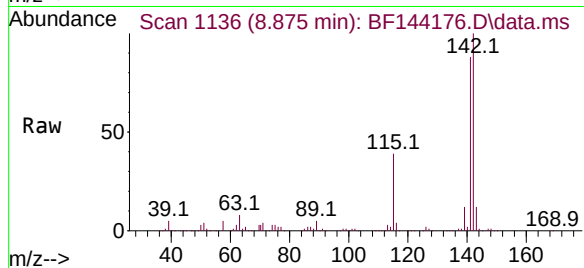
SSTDICC080

Tgt Ion:142 Resp: 610532

Ion Ratio Lower Upper

142 100

141 87.7 69.9 104.9



#38

1-Methylnaphthalene

Concen: 73.093 ng

RT: 8.975 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF144176.D

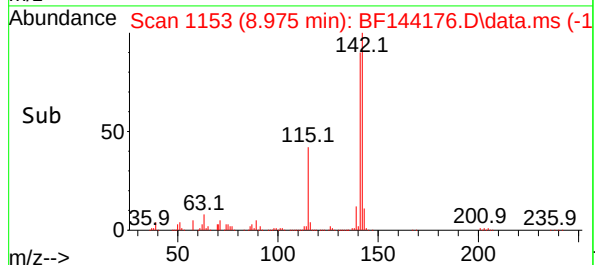
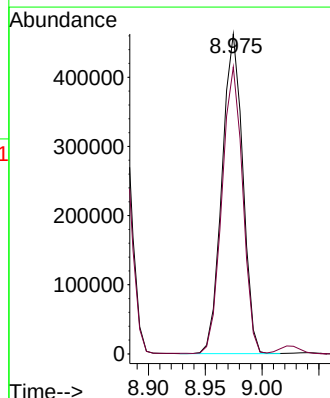
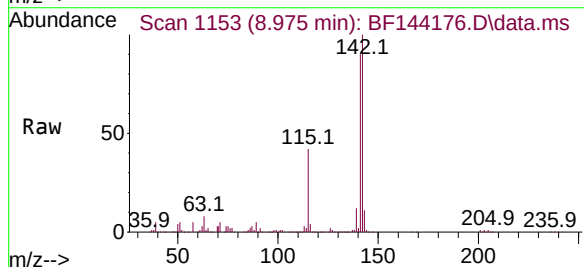
Acq: 05 Nov 2025 16:49

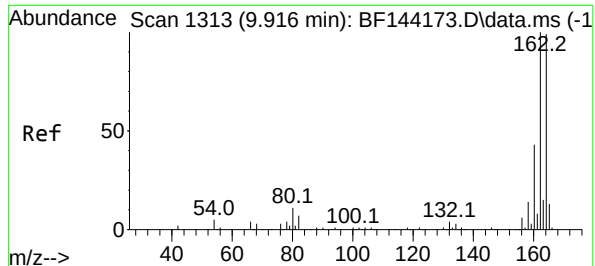
Tgt Ion:142 Resp: 586747

Ion Ratio Lower Upper

142 100

141 89.7 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

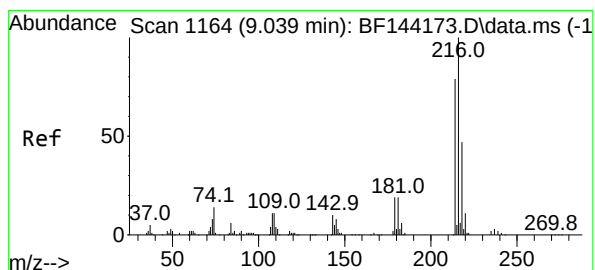
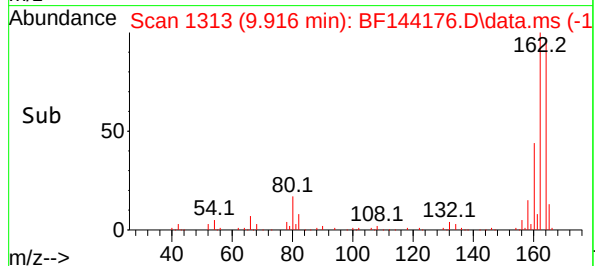
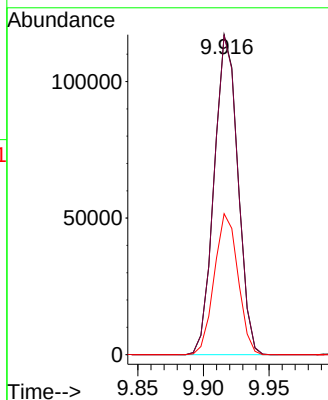
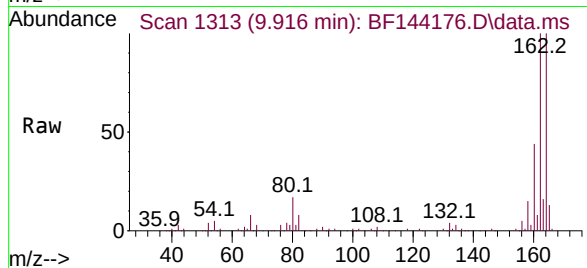
Tgt Ion:164 Resp: 147600

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 44.0 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 74.631 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:216 Resp: 361014

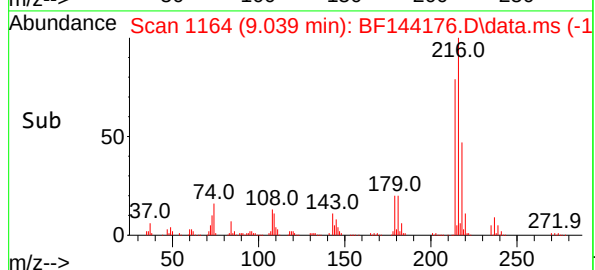
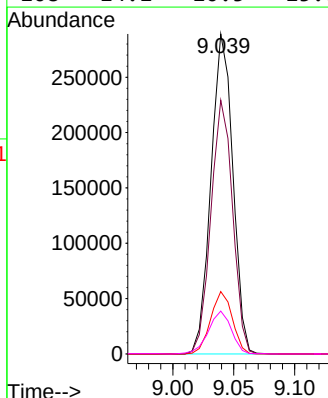
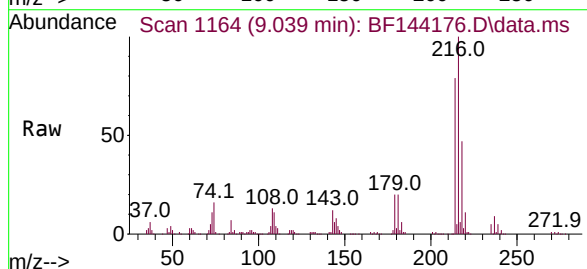
Ion Ratio Lower Upper

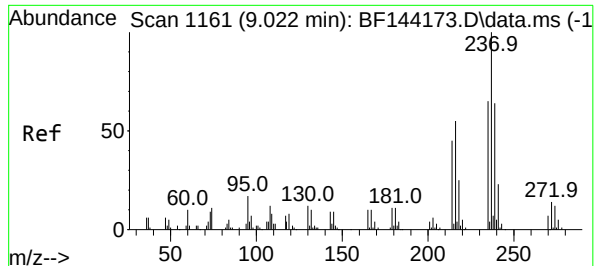
216 100

214 78.6 63.4 95.2

179 19.3 15.0 22.4

108 14.1 10.5 15.7

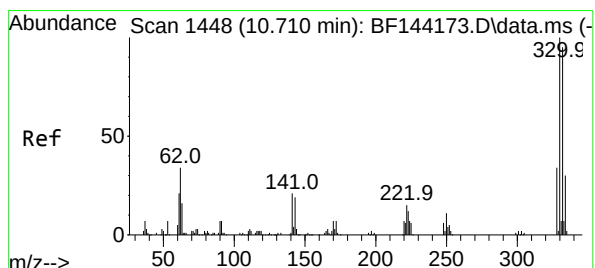
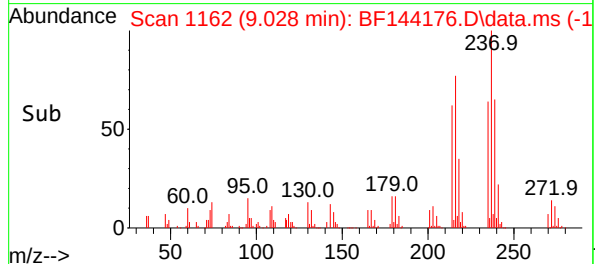
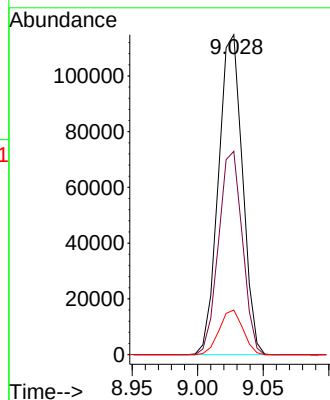
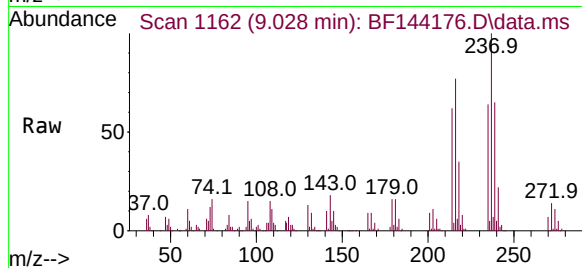




#41
Hexachlorocyclopentadiene
Concen: 78.238 ng
RT: 9.028 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

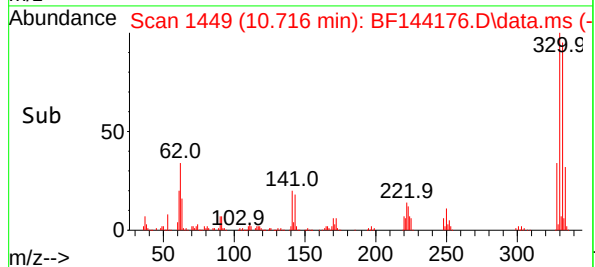
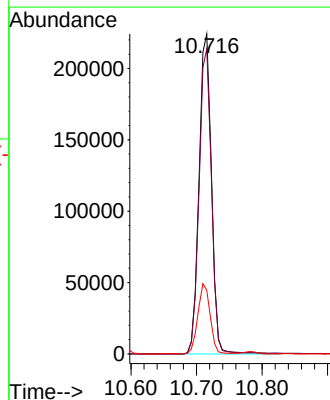
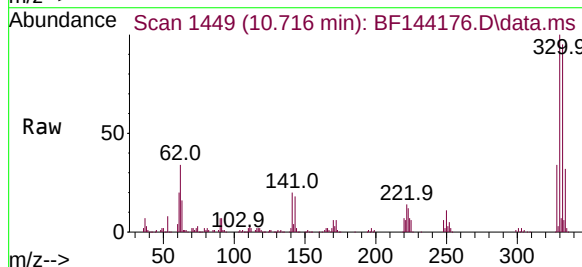
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

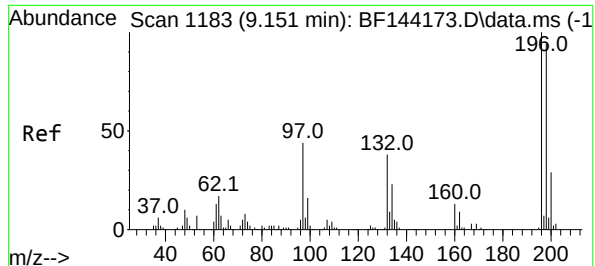
Tgt Ion:237 Resp: 146524
Ion Ratio Lower Upper
237 100
235 63.5 45.5 85.5
272 13.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 158.489 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:330 Resp: 293555
Ion Ratio Lower Upper
330 100
332 95.0 76.7 115.1
141 21.7 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 77.355 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

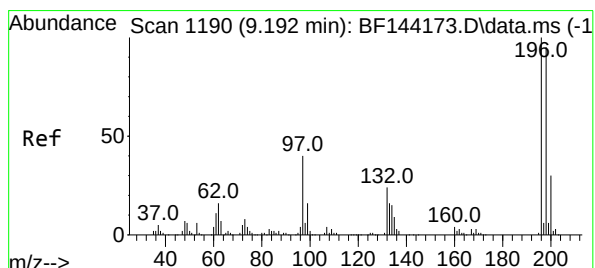
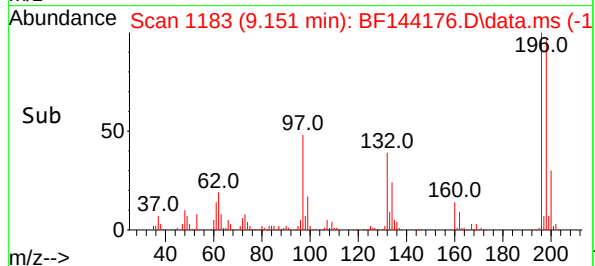
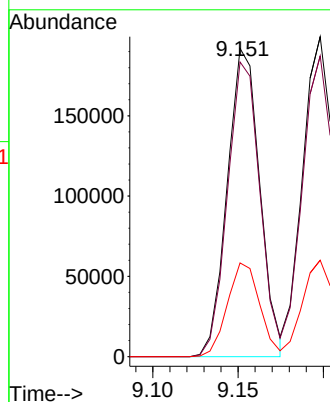
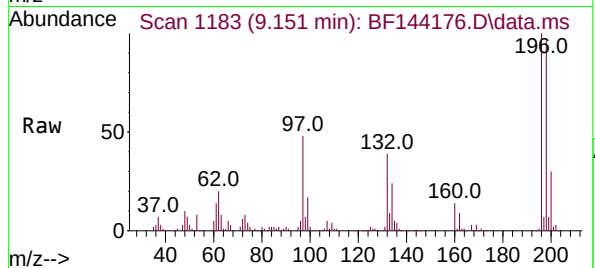
Tgt Ion:196 Resp: 254681

Ion Ratio Lower Upper

196 100

198 95.6 75.3 112.9

200 30.4 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 75.791 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Tgt Ion:196 Resp: 268940

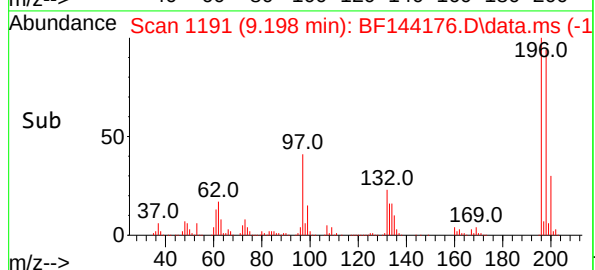
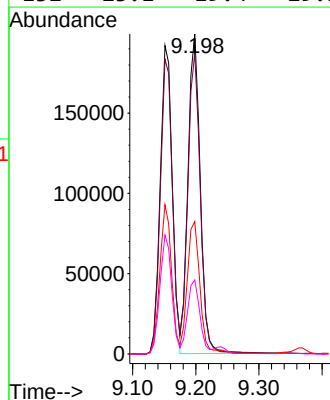
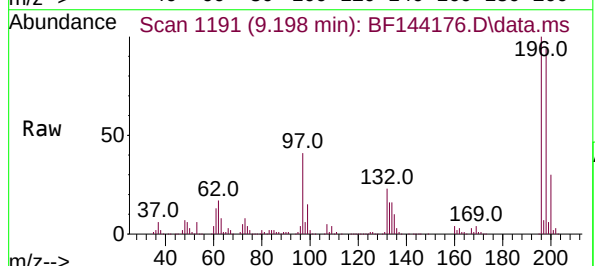
Ion Ratio Lower Upper

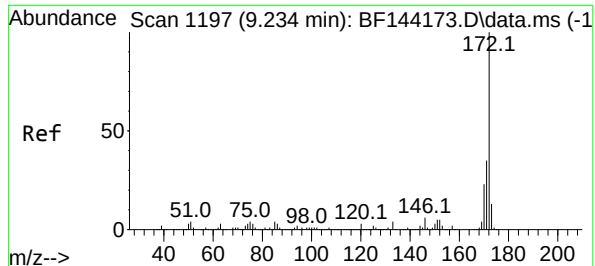
196 100

198 94.0 76.1 114.1

97 41.3 31.9 47.9

132 23.1 19.4 29.2

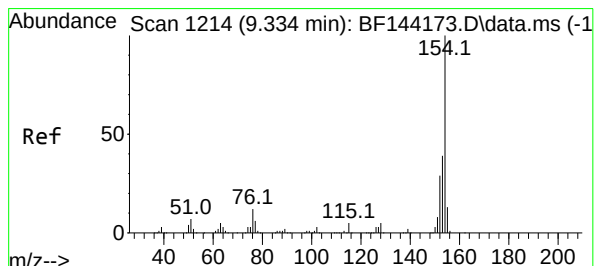
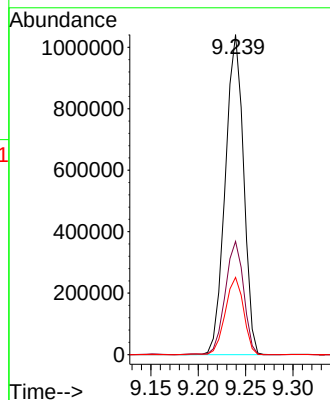
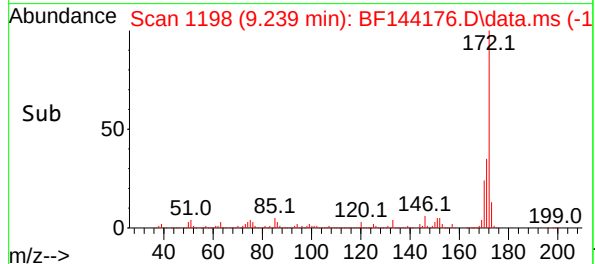
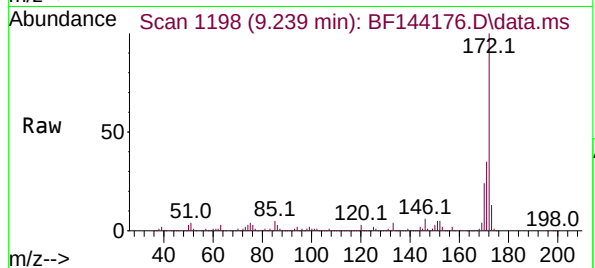




#45
2-Fluorobiphenyl
Concen: 139.809 ng
RT: 9.239 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

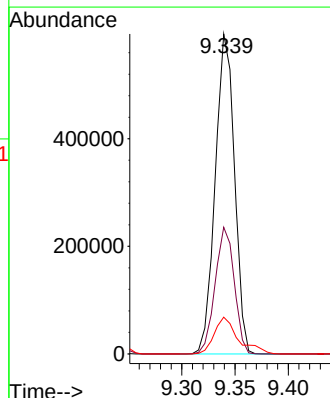
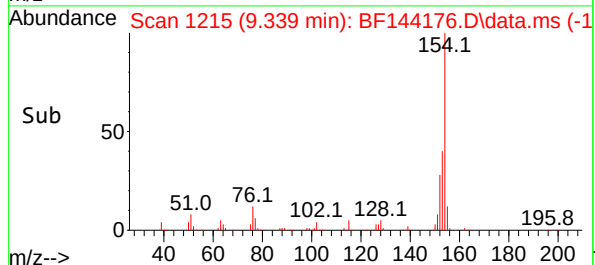
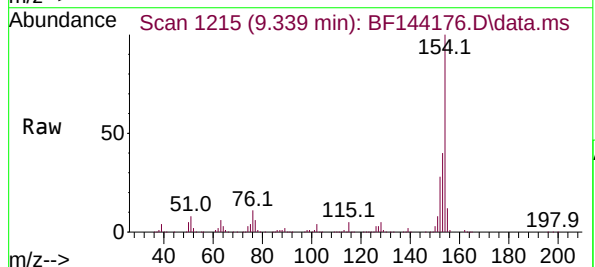
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

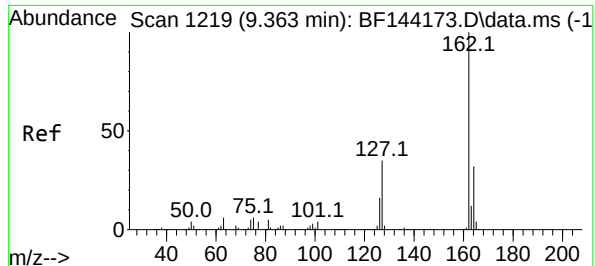
Tgt Ion:172 Resp: 1397211
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 72.784 ng
RT: 9.339 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:154 Resp: 749883
Ion Ratio Lower Upper
154 100
153 39.6 19.2 59.2
76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 72.995 ng

RT: 9.369 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

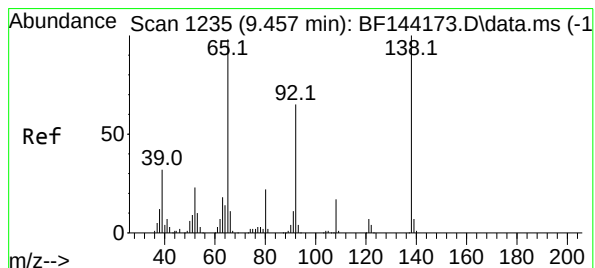
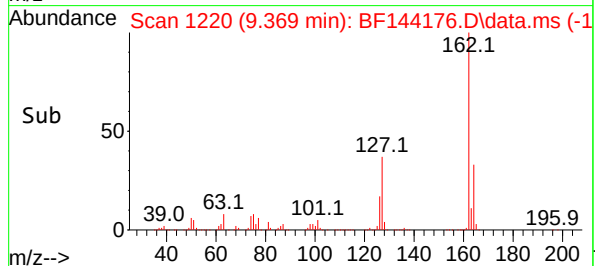
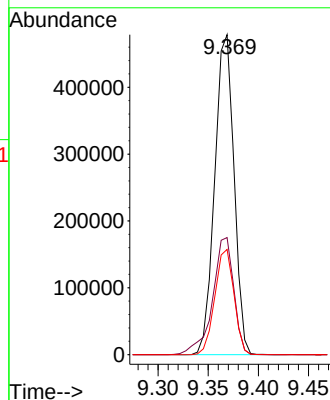
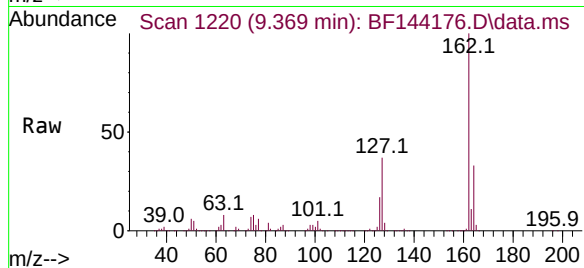
Tgt Ion:162 Resp: 641521

Ion Ratio Lower Upper

162 100

127 36.6 28.8 43.2

164 32.9 25.8 38.8



#48

2-Nitroaniline

Concen: 80.348 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

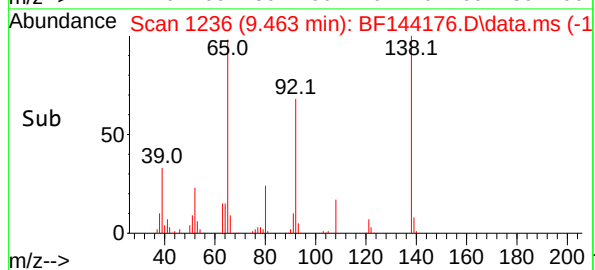
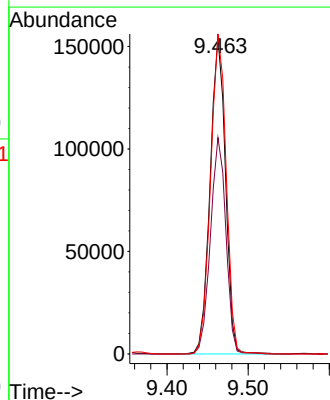
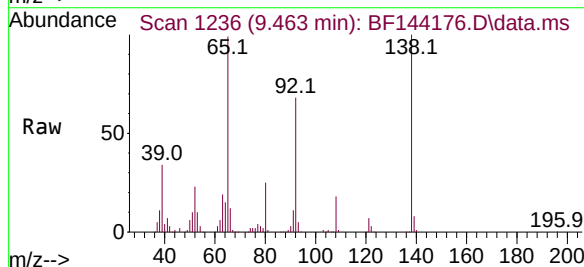
Tgt Ion: 65 Resp: 203746

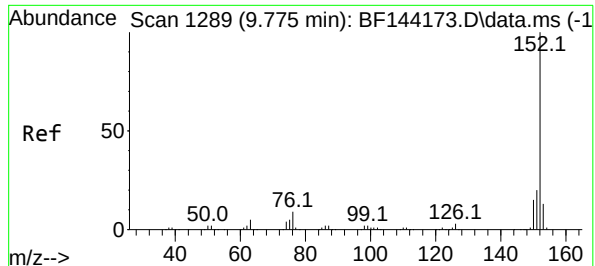
Ion Ratio Lower Upper

65 100

92 68.3 53.0 79.6

138 101.1 81.6 122.4





#49

Acenaphthylene

Concen: 74.264 ng

RT: 9.780 min Scan# 1289

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

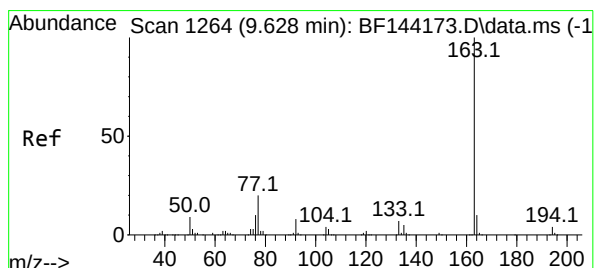
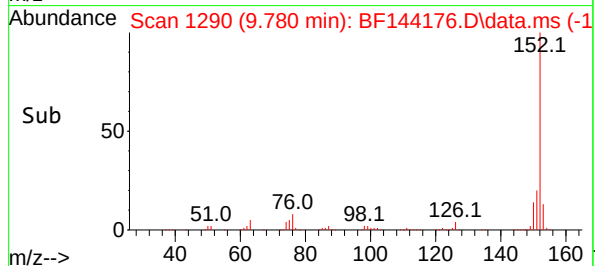
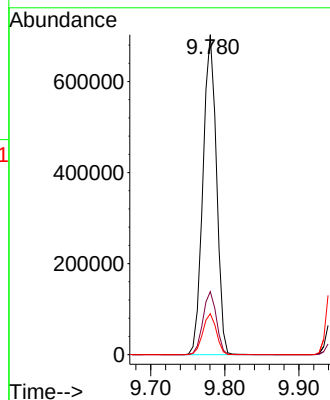
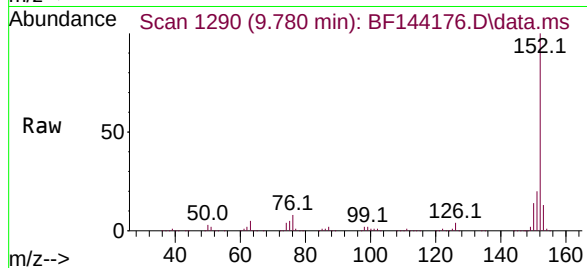
Tgt Ion:152 Resp: 889410

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.8 10.5 15.7



#50

Dimethylphthalate

Concen: 75.318 ng

RT: 9.633 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

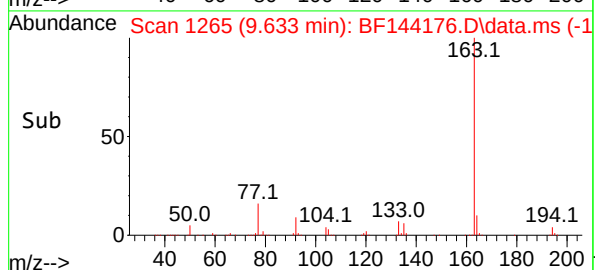
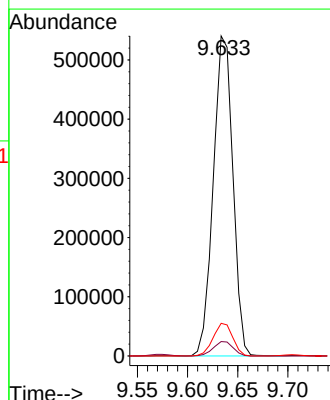
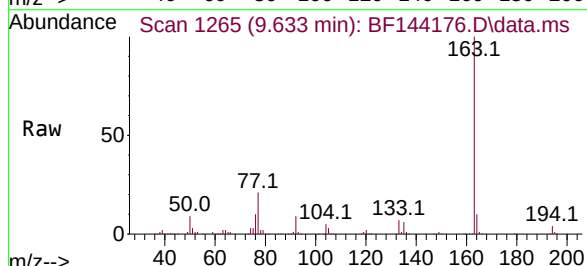
Tgt Ion:163 Resp: 736477

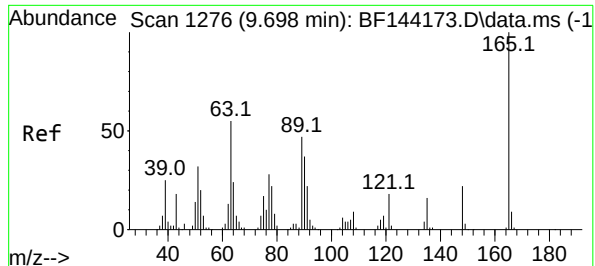
Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 79.250 ng

RT: 9.704 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

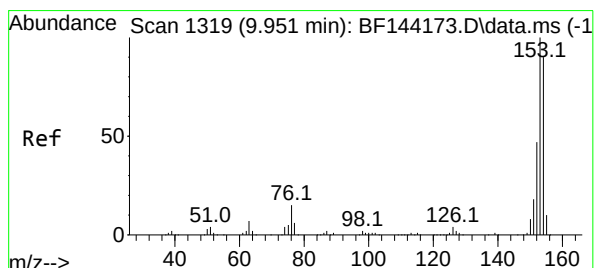
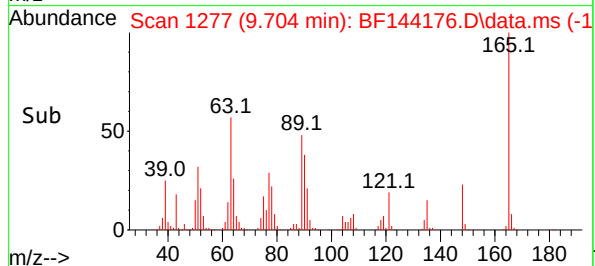
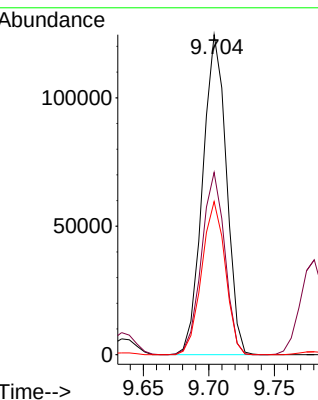
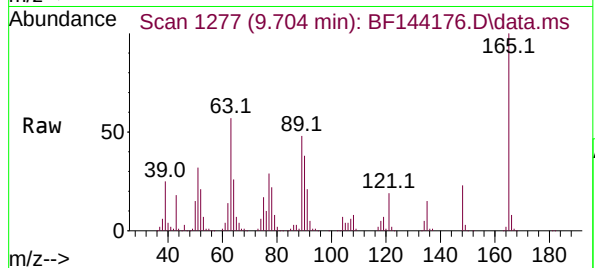
Tgt Ion:165 Resp: 156870

Ion Ratio Lower Upper

165 100

63 56.9 43.8 65.8

89 47.8 37.5 56.3



#52

Acenaphthene

Concen: 74.243 ng

RT: 9.951 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

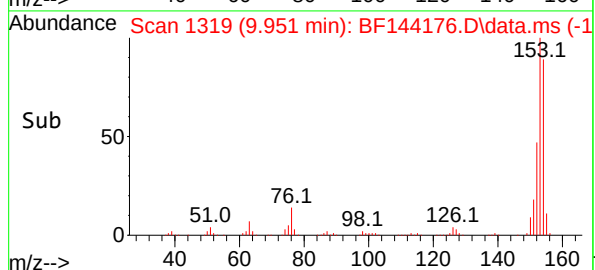
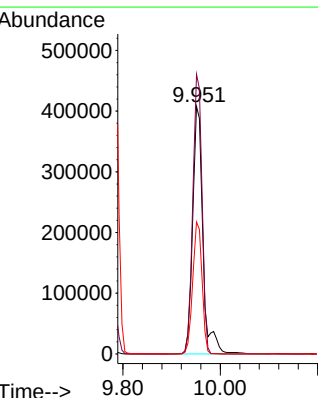
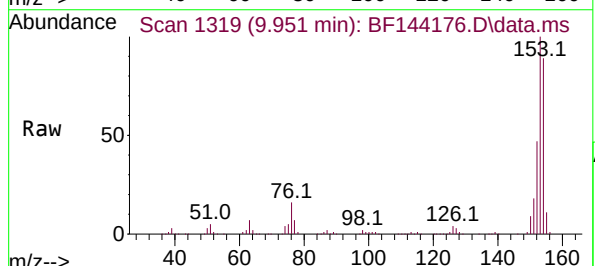
Tgt Ion:154 Resp: 594593

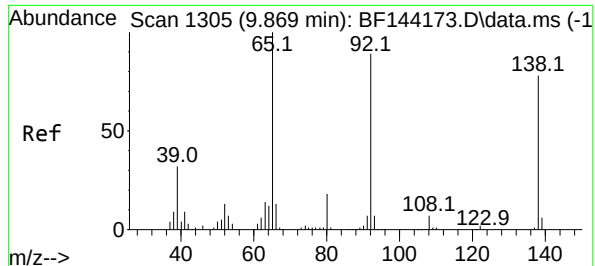
Ion Ratio Lower Upper

154 100

153 113.0 89.0 133.4

152 53.3 42.2 63.4





#53

3-Nitroaniline

Concen: 77.230 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

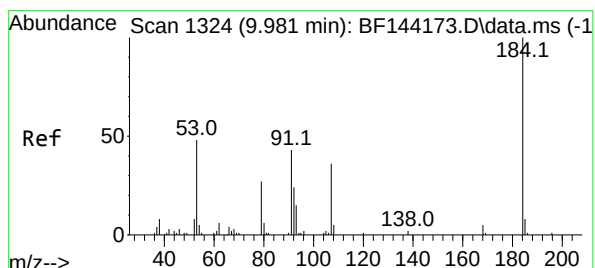
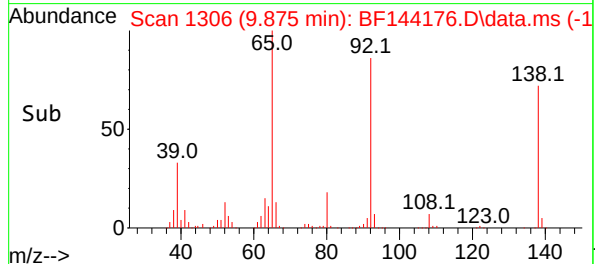
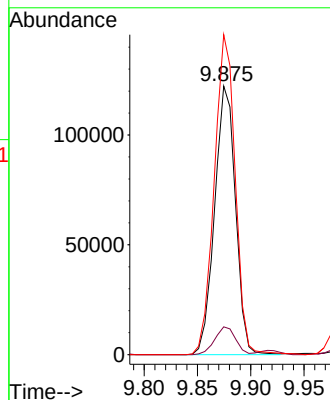
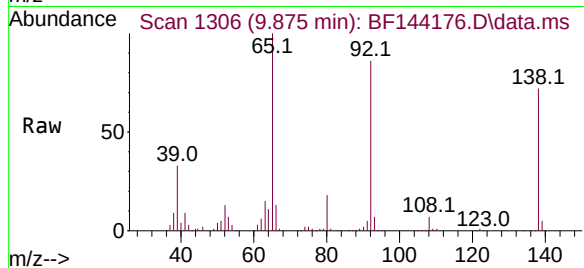
Tgt Ion:138 Resp: 167110

Ion Ratio Lower Upper

138 100

108 10.3 7.5 11.3

92 119.2 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 80.924 ng

RT: 9.986 min Scan# 1325

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

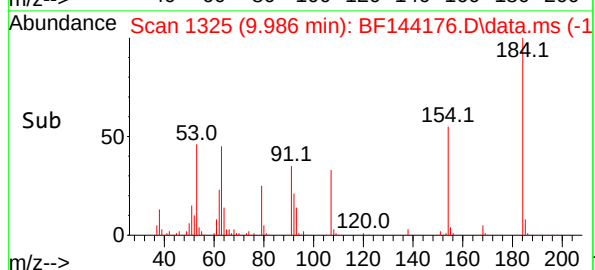
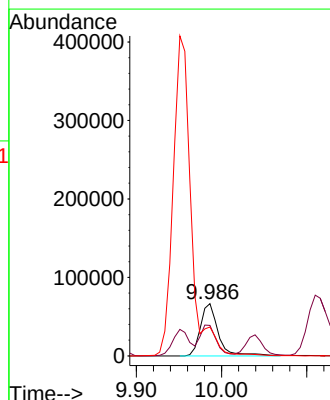
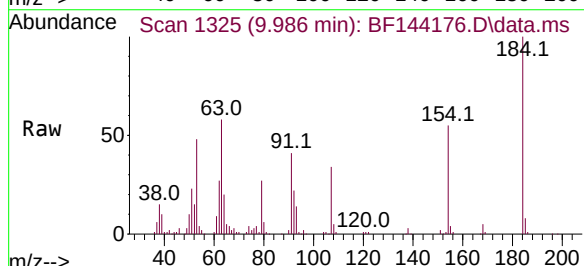
Tgt Ion:184 Resp: 96727

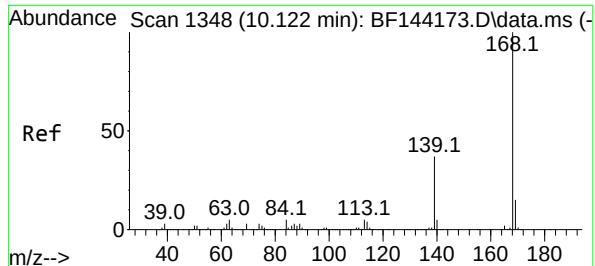
Ion Ratio Lower Upper

184 100

63 58.3 44.0 66.0

154 55.4 42.4 63.6





#55

Dibenzenofuran

Concen: 71.517 ng

RT: 10.128 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

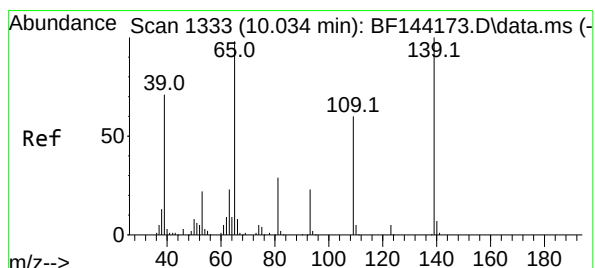
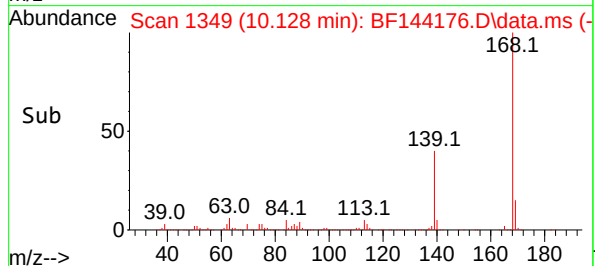
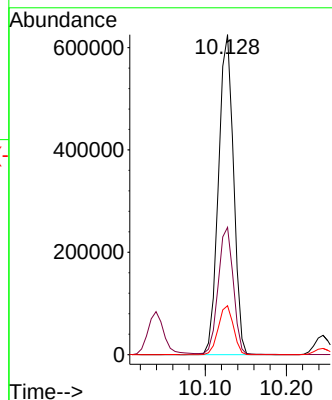
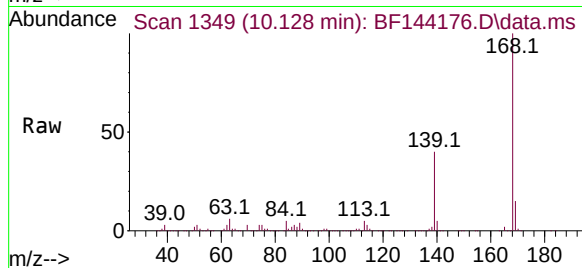
Tgt Ion:168 Resp: 802174

Ion Ratio Lower Upper

168 100

139 39.8 30.2 45.2

169 15.3 12.2 18.4



#56

4-Nitrophenol

Concen: 74.782 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

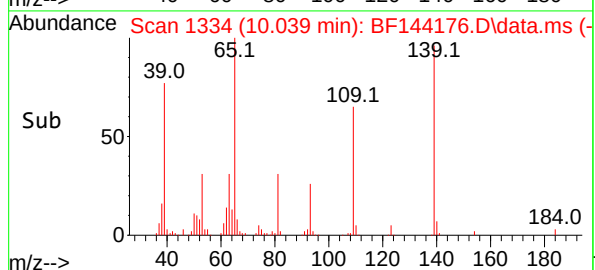
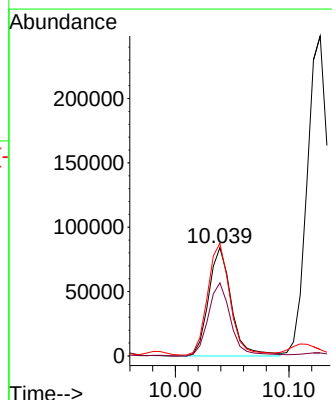
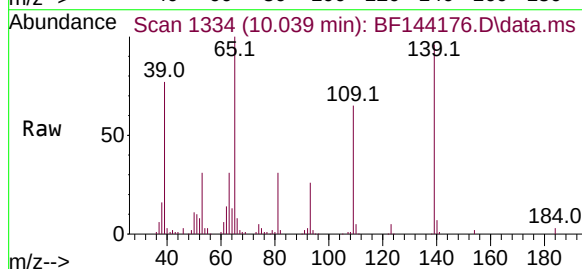
Tgt Ion:139 Resp: 117050

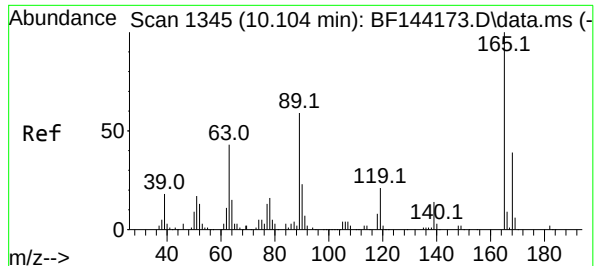
Ion Ratio Lower Upper

139 100

109 67.5 39.9 79.9

65 104.1 79.5 119.5





#57

2,4-Dinitrotoluene

Concen: 78.661 ng

RT: 10.110 min Scan# 1345

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:165 Resp: 208441

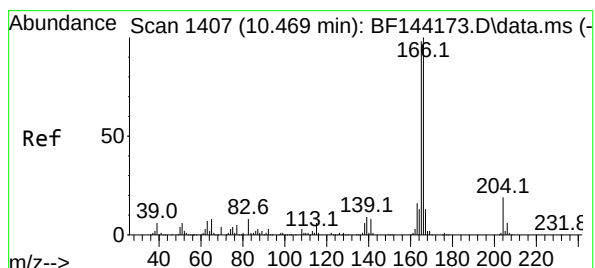
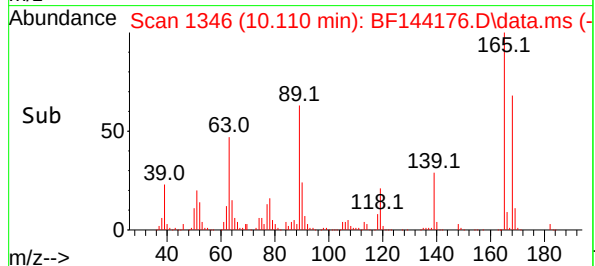
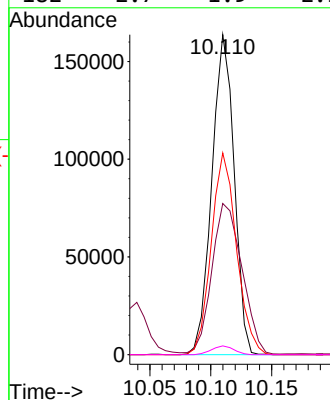
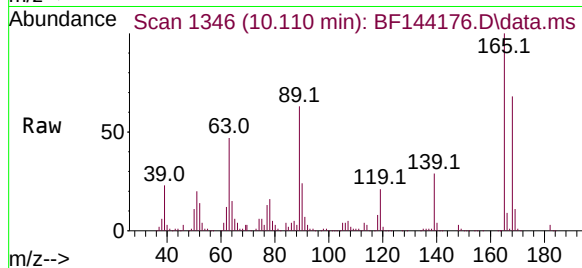
Ion Ratio Lower Upper

165 100

63 47.2 35.5 53.3

89 63.0 47.4 71.2

182 2.7 1.9 2.9



#58

Fluorene

Concen: 72.526 ng

RT: 10.469 min Scan# 1407

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

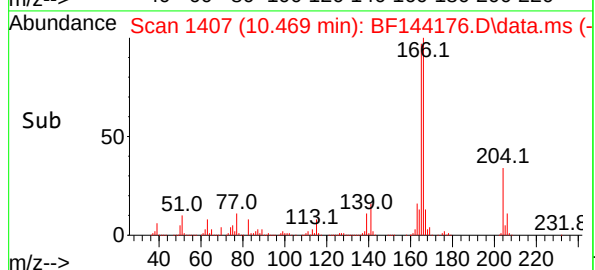
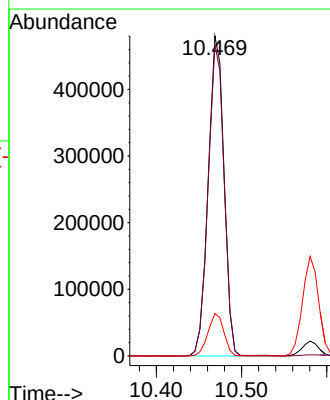
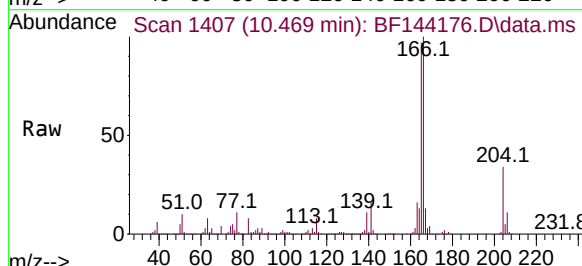
Tgt Ion:166 Resp: 618508

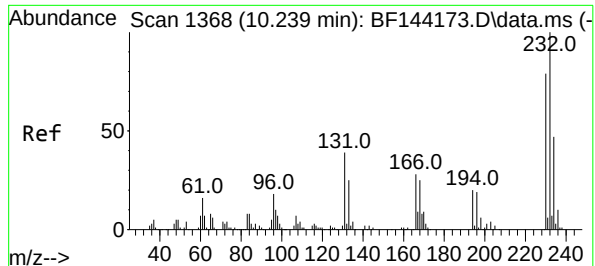
Ion Ratio Lower Upper

166 100

165 97.3 78.6 118.0

167 13.3 10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 81.067 ng

RT: 10.245 min Scan# 1369

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:232 Resp: 203523

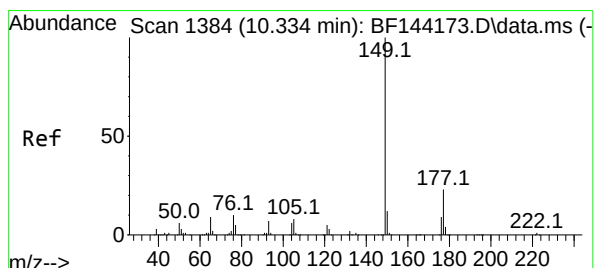
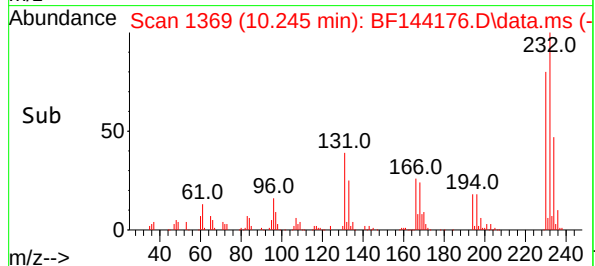
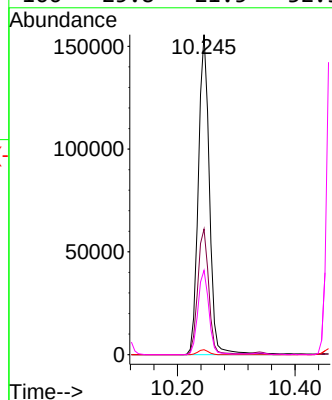
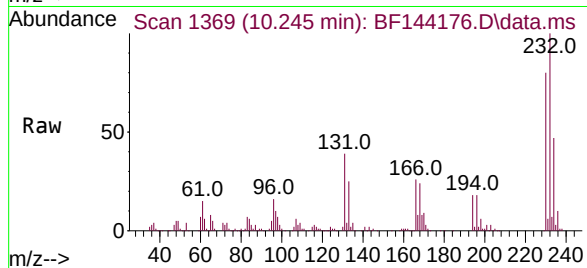
Ion Ratio Lower Upper

232 100

131 39.0 30.3 45.5

130 1.4 1.2 1.8

166 25.8 21.5 32.3



#60

Diethylphthalate

Concen: 76.182 ng

RT: 10.339 min Scan# 1385

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

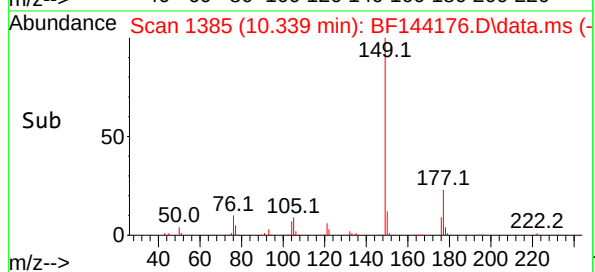
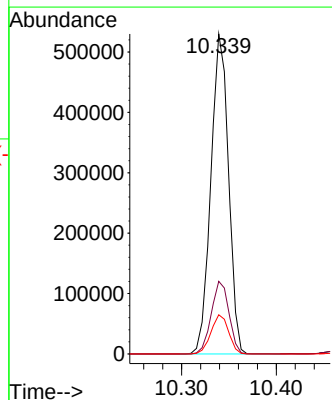
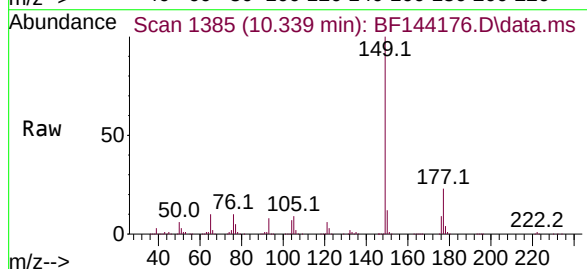
Tgt Ion:149 Resp: 686705

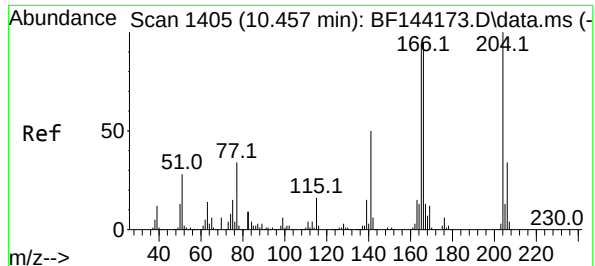
Ion Ratio Lower Upper

149 100

177 22.7 18.3 27.5

150 12.2 9.8 14.6

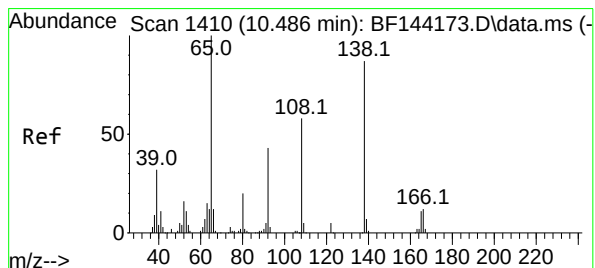
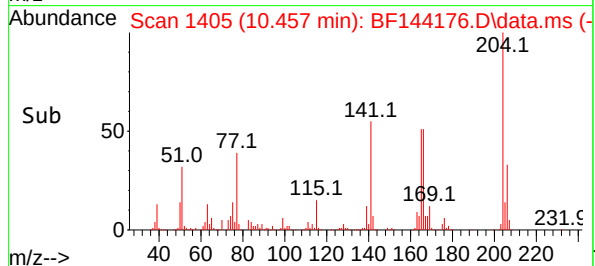
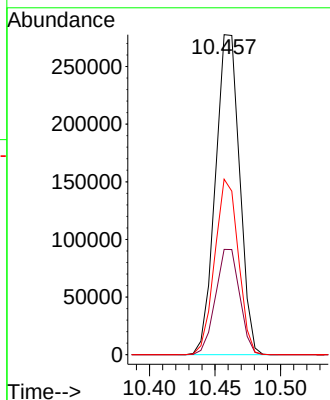
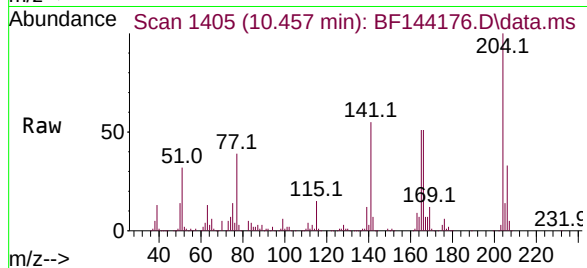




#61
4-Chlorophenyl-phenylether
Concen: 73.492 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

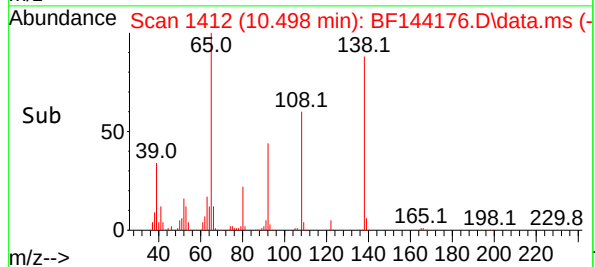
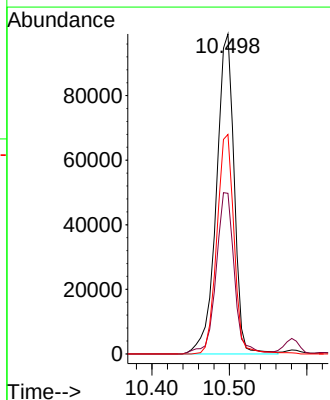
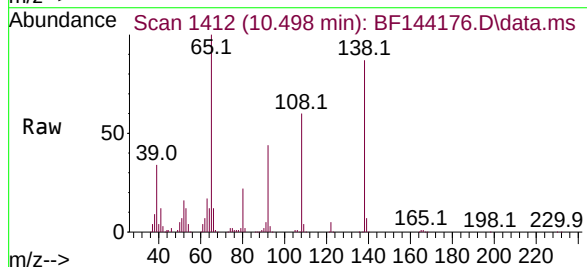
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

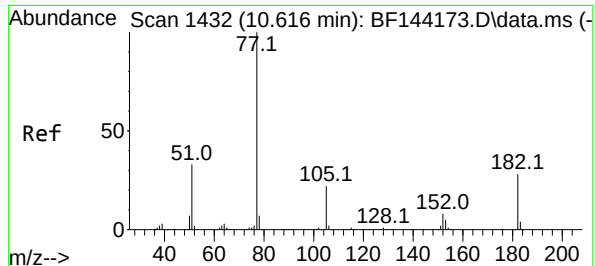
Tgt Ion:204 Resp: 357010
Ion Ratio Lower Upper
204 100
206 32.9 27.4 41.2
141 54.8 40.0 60.0



#62
4-Nitroaniline
Concen: 76.889 ng
RT: 10.498 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:138 Resp: 158441
Ion Ratio Lower Upper
138 100
92 50.2 29.4 69.4
108 68.6 46.4 86.4

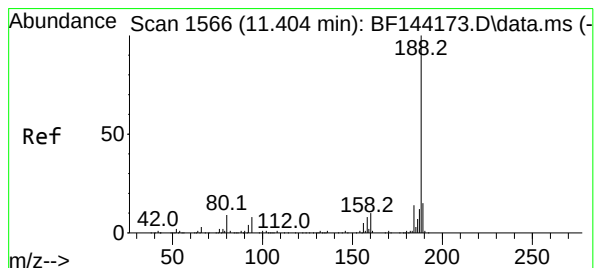
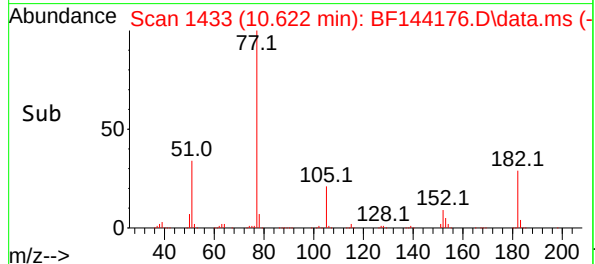
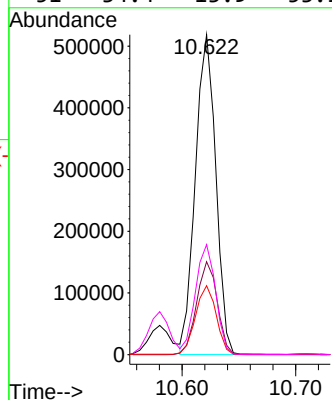
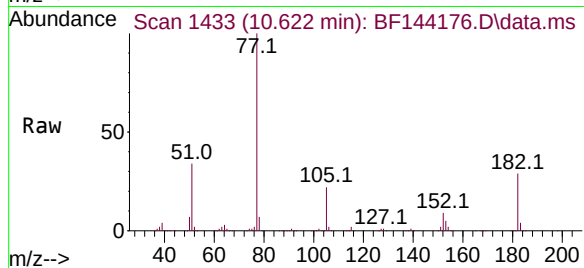




#63
Azobenzene
Concen: 77.117 ng
RT: 10.622 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

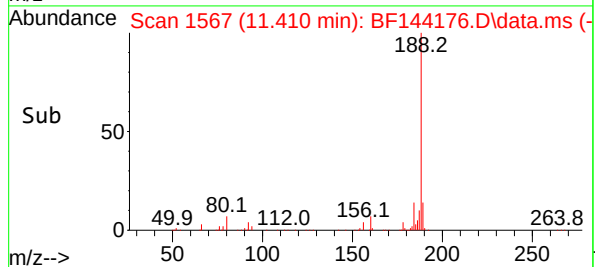
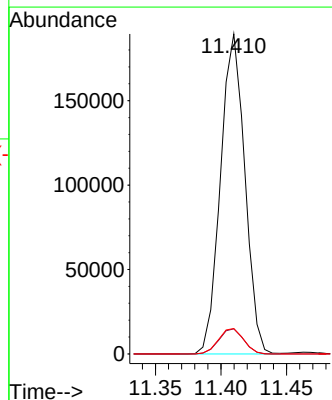
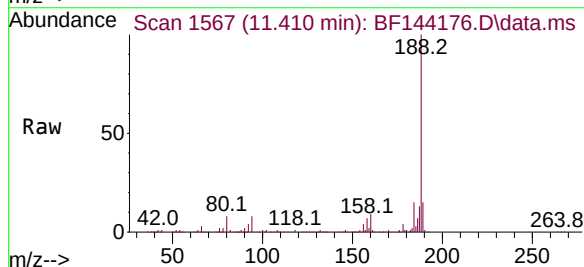
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

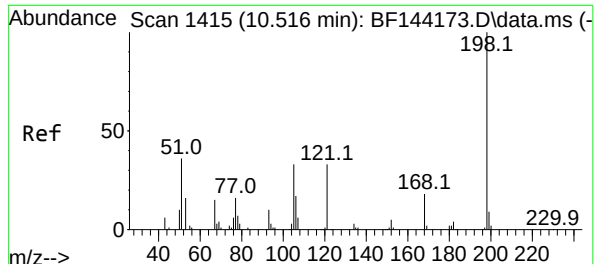
Tgt Ion: 77 Resp: 646943
Ion Ratio Lower Upper
77 100
182 29.0 8.1 48.1
105 21.6 2.0 42.0
51 34.4 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion: 188 Resp: 244733
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.9 6.9 10.3

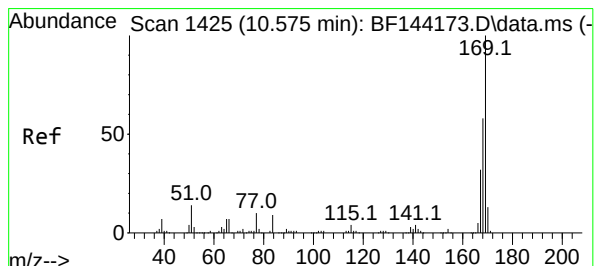
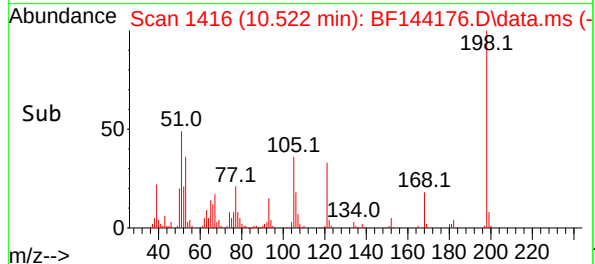
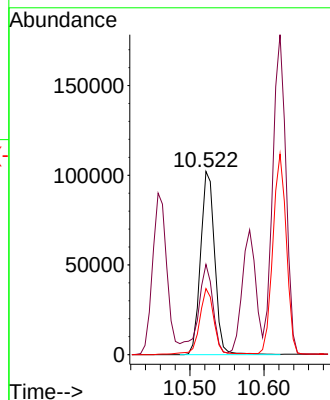
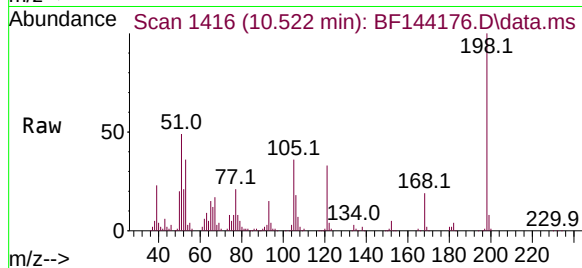




#65
4,6-Dinitro-2-methylphenol
Concen: 81.136 ng
RT: 10.522 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

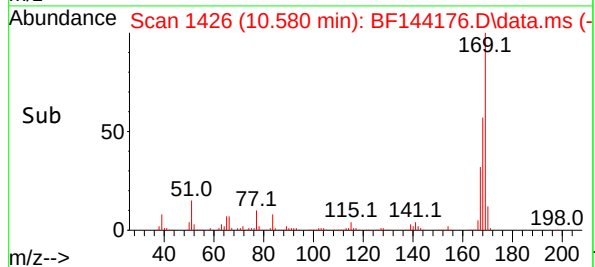
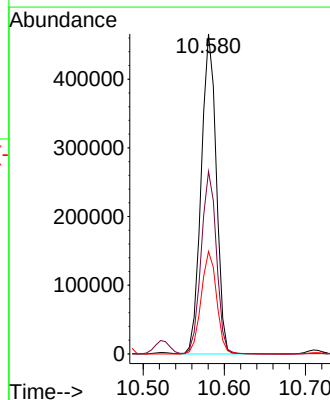
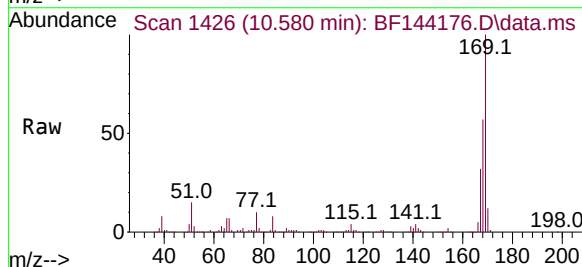
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

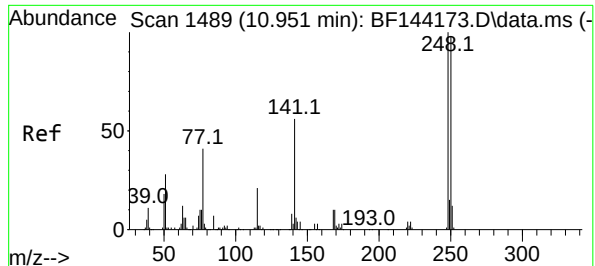
Tgt Ion:198 Resp: 134894
Ion Ratio Lower Upper
198 100
51 49.2 25.6 65.6
105 36.0 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 76.327 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:169 Resp: 600791
Ion Ratio Lower Upper
169 100
168 57.0 46.2 69.2
167 32.1 25.7 38.5





#67

4-Bromophenyl-phenylether

Concen: 78.826 ng

RT: 10.951 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

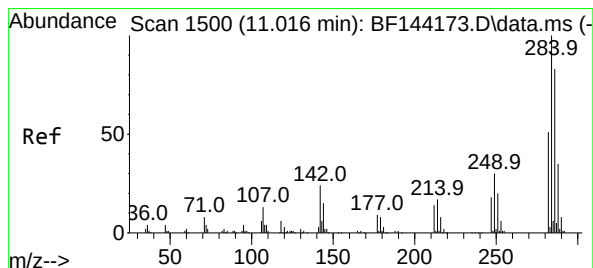
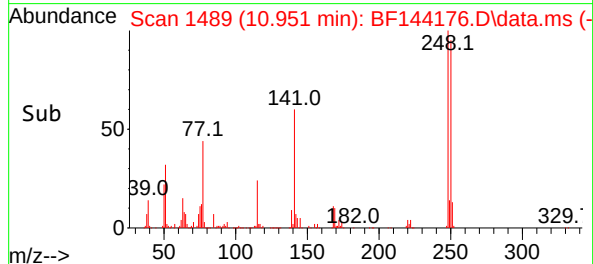
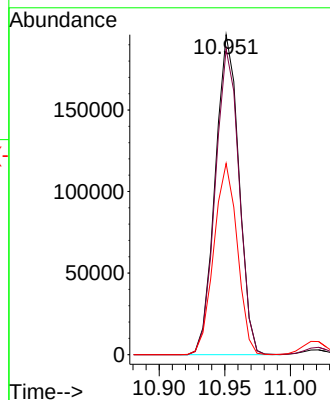
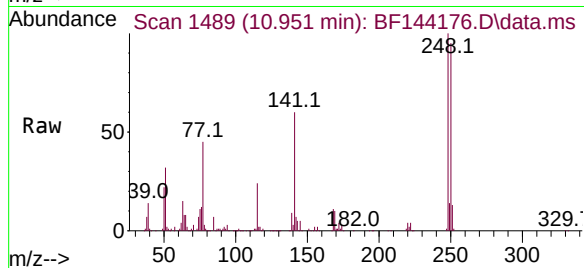
Tgt Ion:248 Resp: 246236

Ion Ratio Lower Upper

248 100

250 95.5 78.4 117.6

141 59.8 45.1 67.7



#68

Hexachlorobenzene

Concen: 78.769 ng

RT: 11.022 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

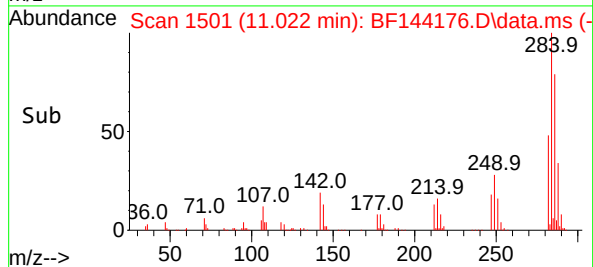
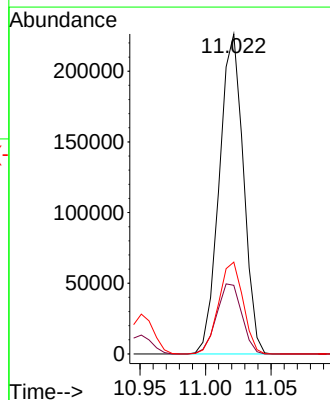
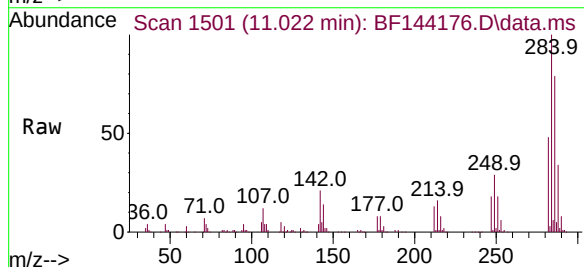
Tgt Ion:284 Resp: 289823

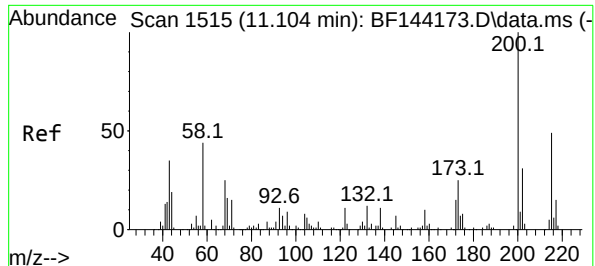
Ion Ratio Lower Upper

284 100

142 21.4 19.2 28.8

249 28.7 23.8 35.8





#69

Atrazine

Concen: 76.645 ng

RT: 11.110 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

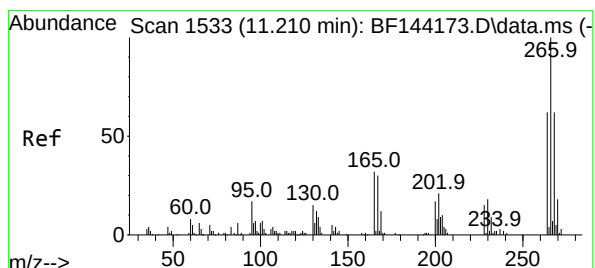
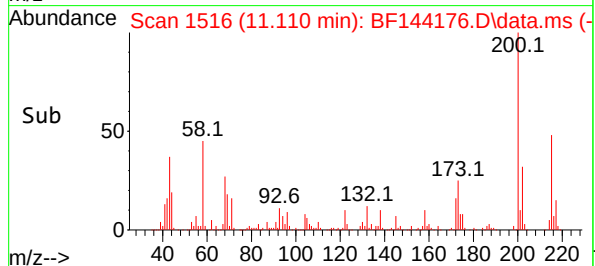
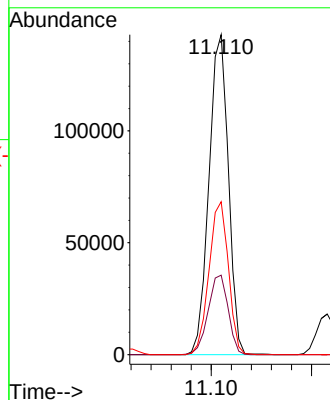
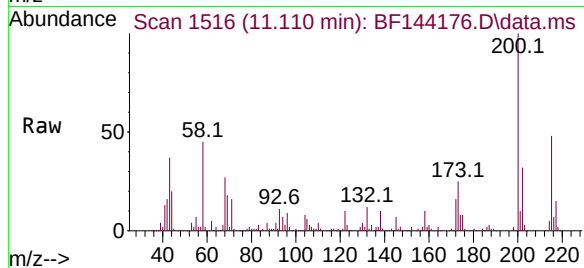
Tgt Ion:200 Resp: 191862

Ion Ratio Lower Upper

200 100

173 24.8 5.0 45.0

215 47.8 28.7 68.7



#70

Pentachlorophenol

Concen: 88.373 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

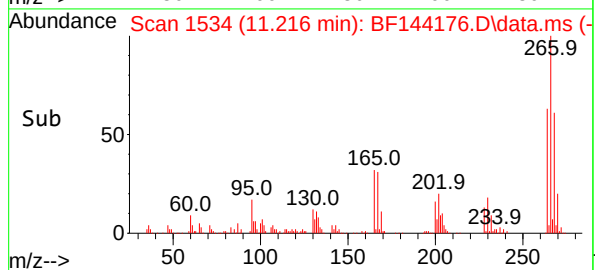
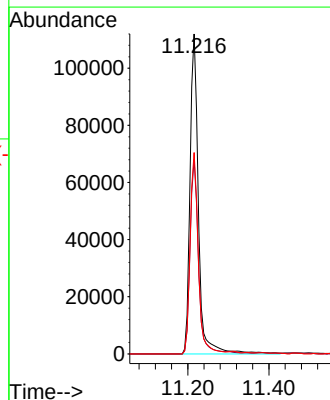
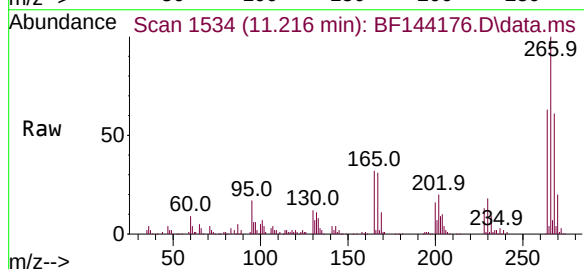
Tgt Ion:266 Resp: 161918

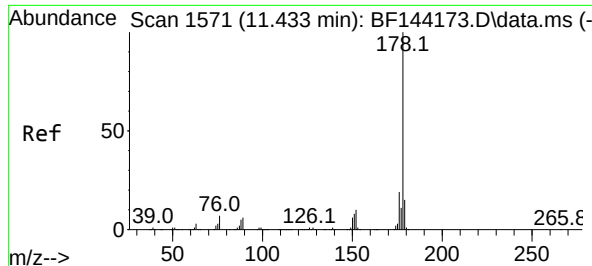
Ion Ratio Lower Upper

266 100

268 60.8 49.5 74.3

264 63.0 49.4 74.2

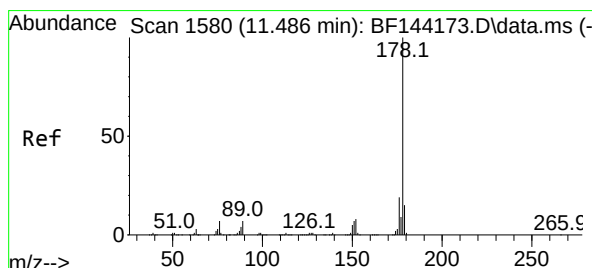
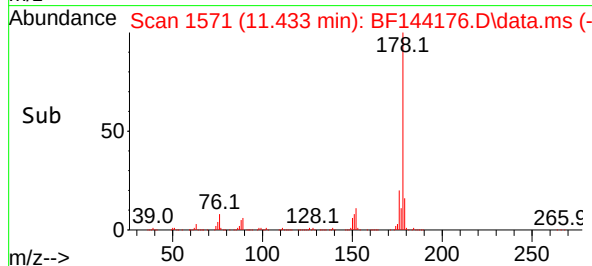
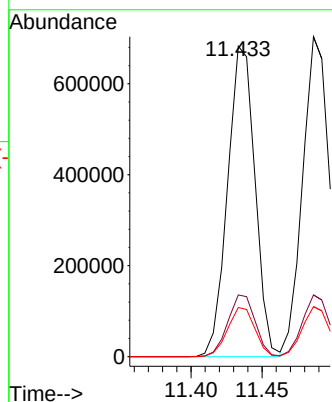
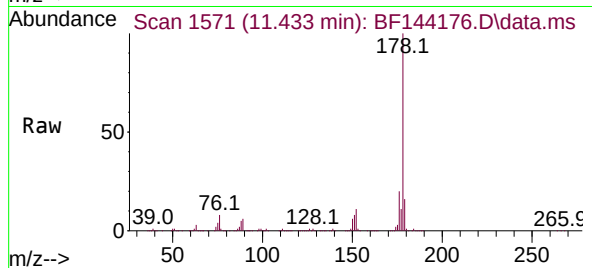




#71
Phenanthrene
Concen: 75.238 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

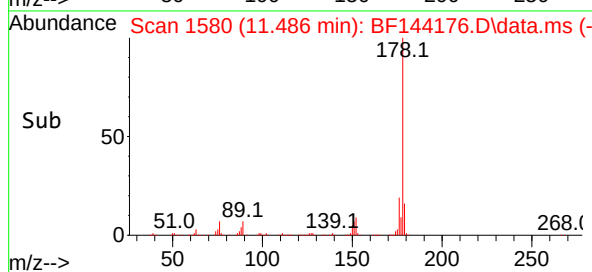
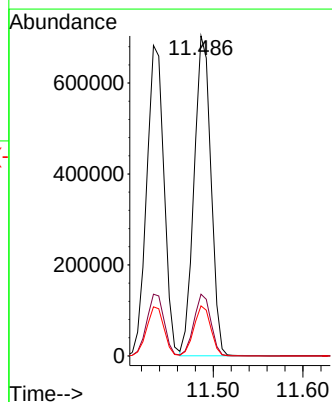
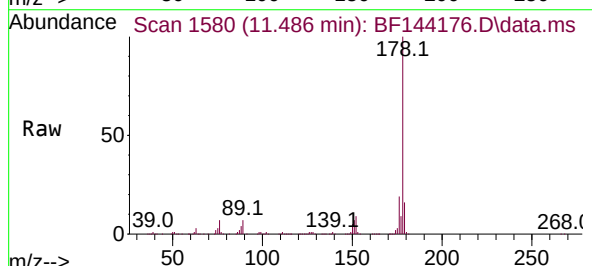
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

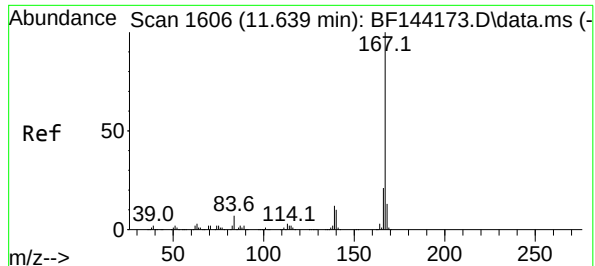
Tgt Ion:178 Resp: 916773
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.8 12.2 18.4



#72
Anthracene
Concen: 73.934 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:178 Resp: 916037
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.6 12.0 18.0

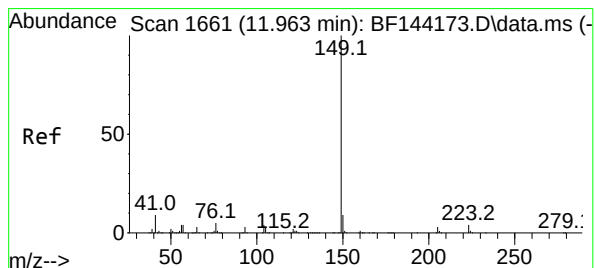
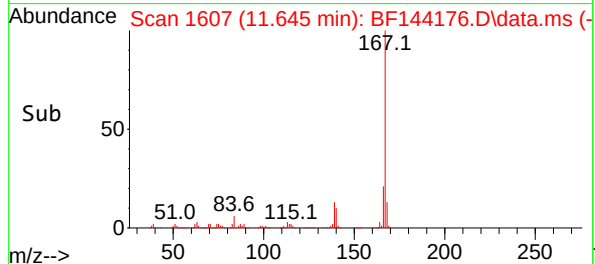
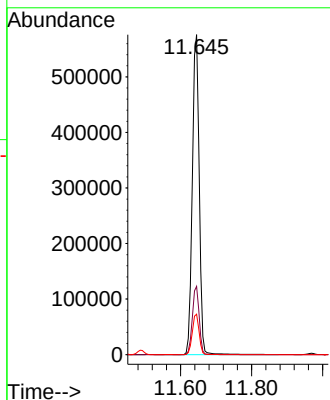
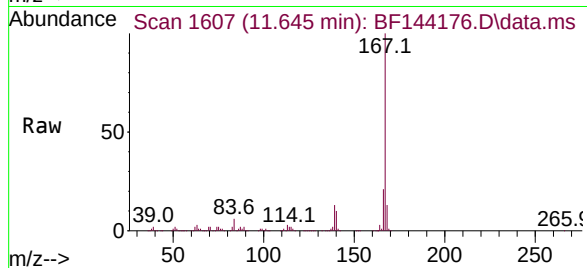




#73
Carbazole
Concen: 73.816 ng
RT: 11.645 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

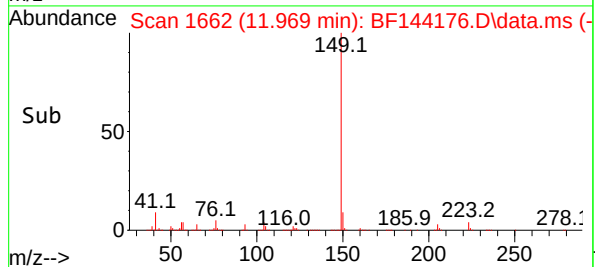
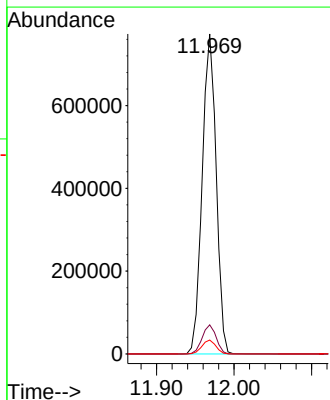
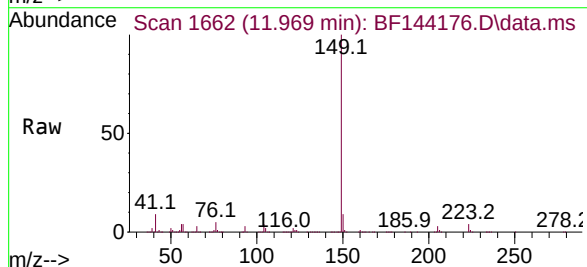
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

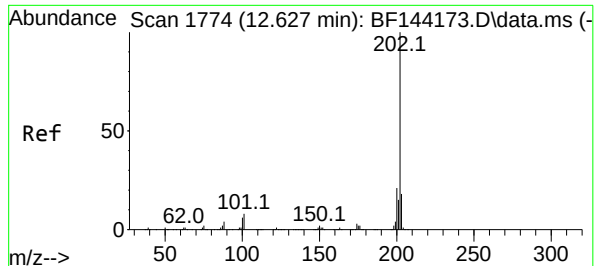
Tgt Ion:167 Resp: 777702
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 75.822 ng
RT: 11.969 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:149 Resp: 965695
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.3 3.4 5.2

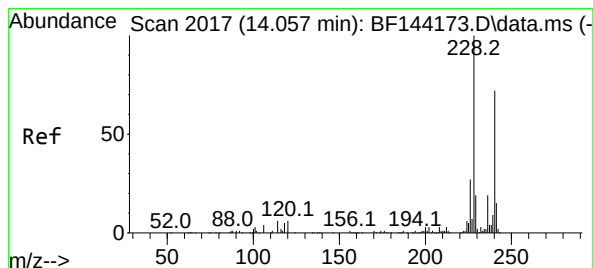
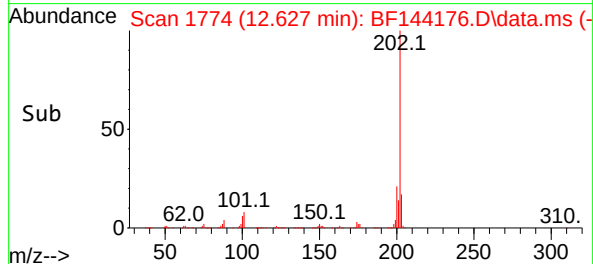
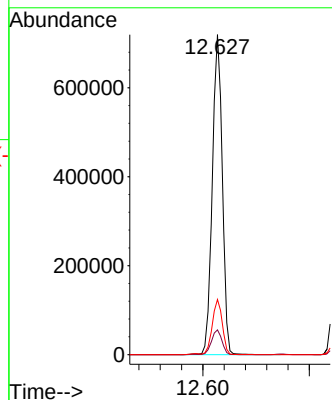
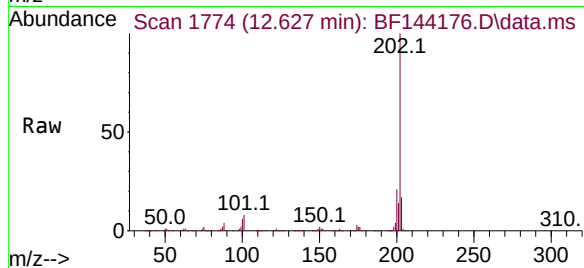




#75
Fluoranthene
Concen: 74.476 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

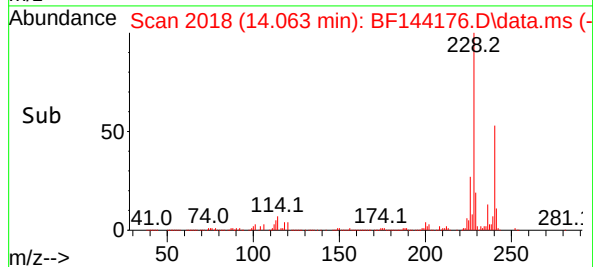
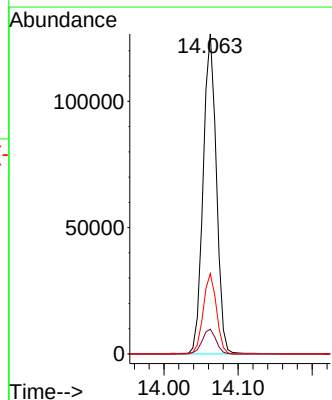
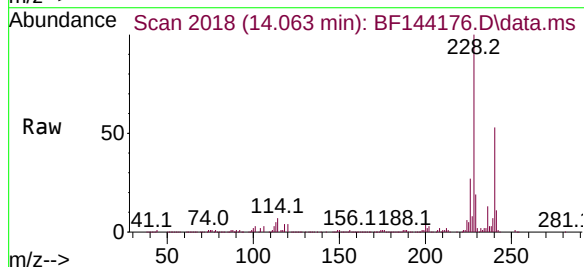
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

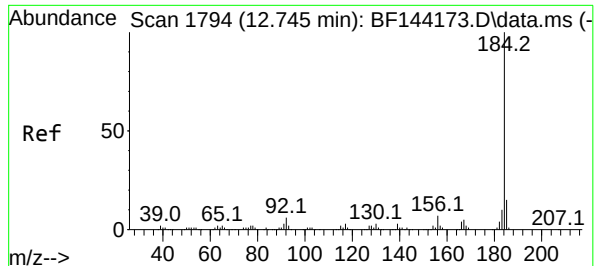
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	27.9
203	17.2	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	25.1	21.4	32.2





#77

Benzidine

Concen: 74.828 ng

RT: 12.751 min Scan# 1795

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

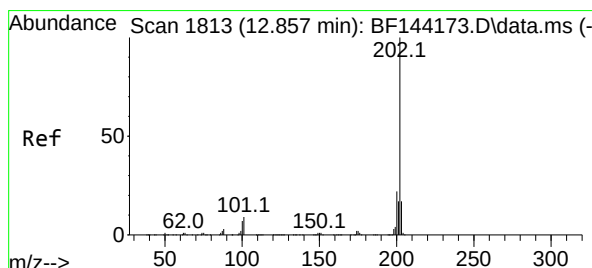
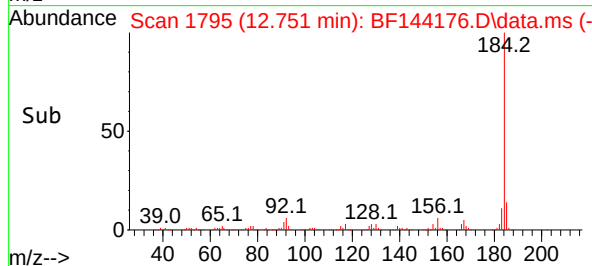
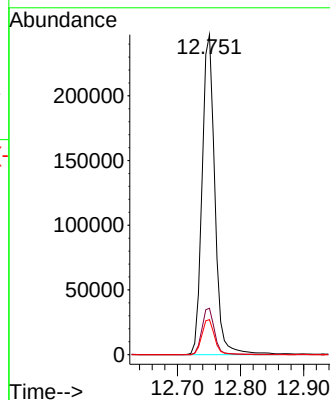
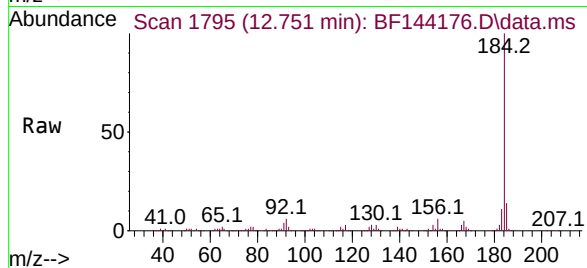
Tgt Ion:184 Resp: 347077

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 10.9 8.3 12.5



#78

Pyrene

Concen: 74.600 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

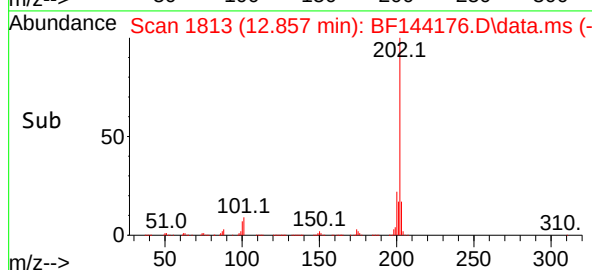
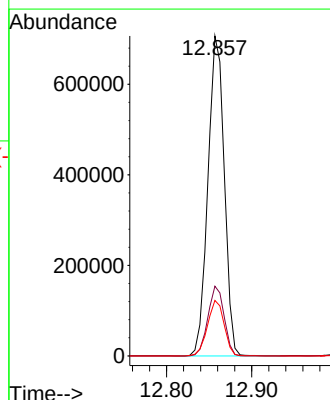
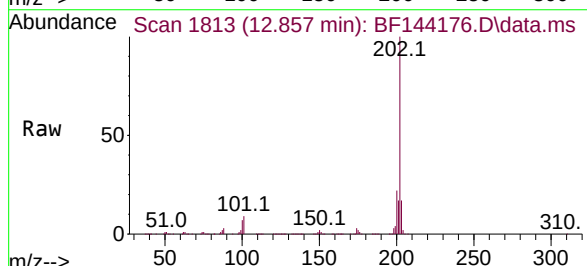
Tgt Ion:202 Resp: 943190

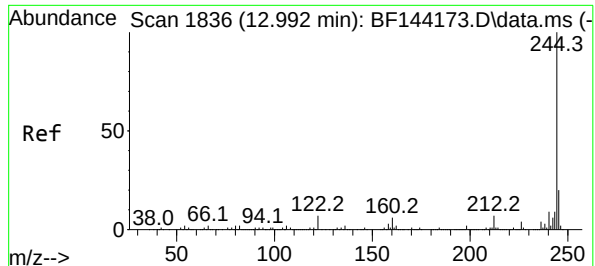
Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

203 17.3 13.7 20.5





#79

Terphenyl-d14

Concen: 146.810 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

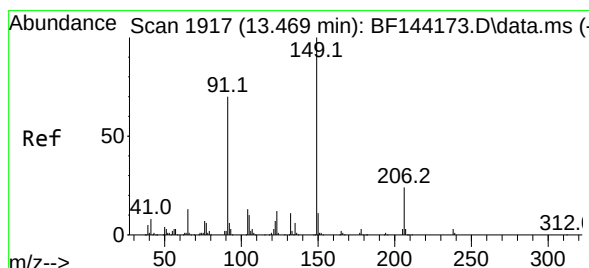
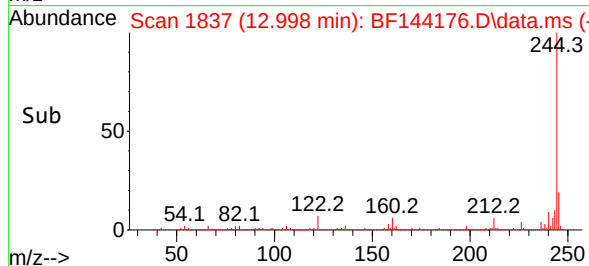
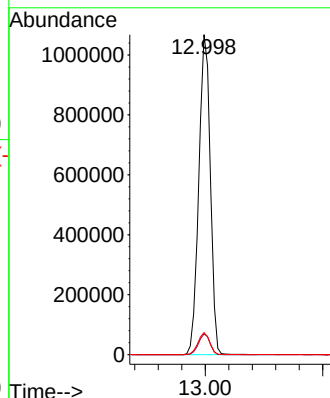
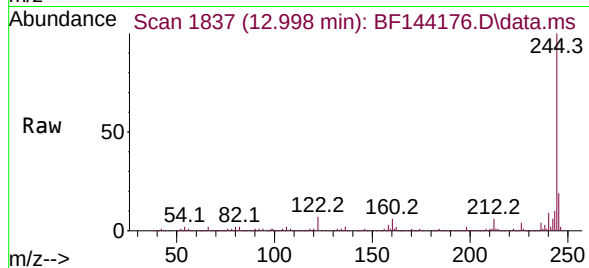
Tgt Ion:244 Resp: 1449323

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 78.633 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

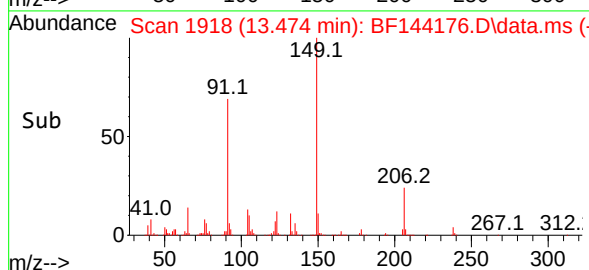
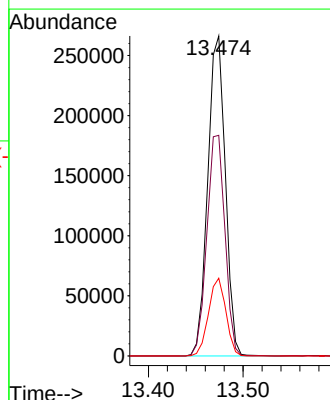
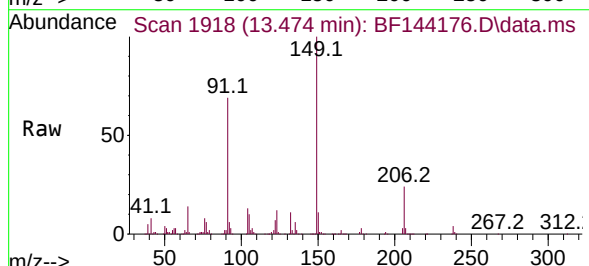
Tgt Ion:149 Resp: 344575

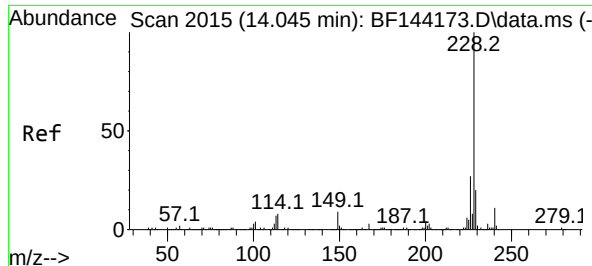
Ion Ratio Lower Upper

149 100

91 68.9 56.1 84.1

206 24.3 18.8 28.2

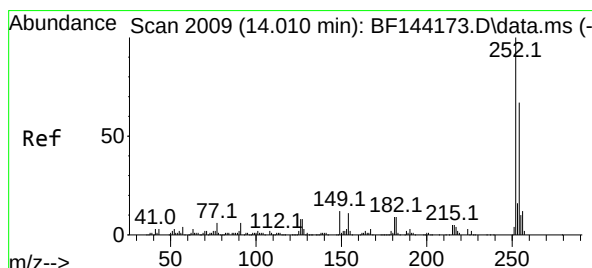
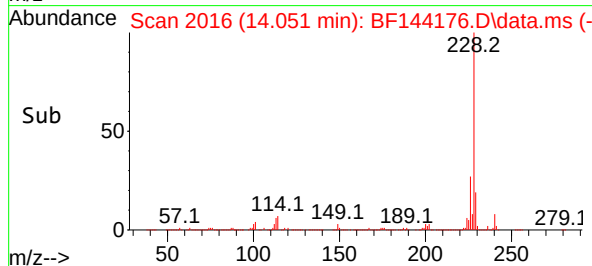
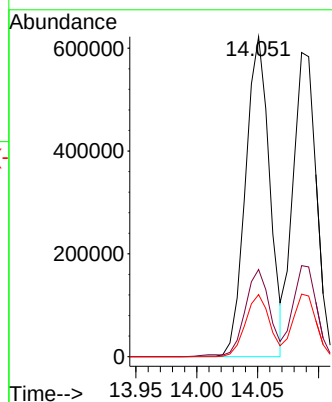
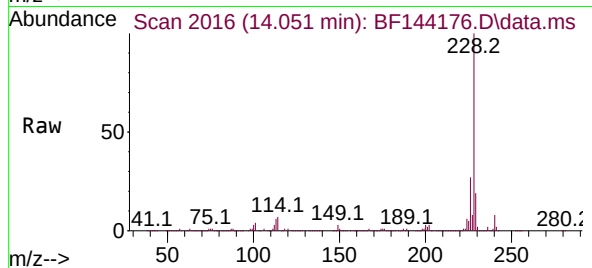




#81
Benzo(a)anthracene
Concen: 78.818 ng
RT: 14.051 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

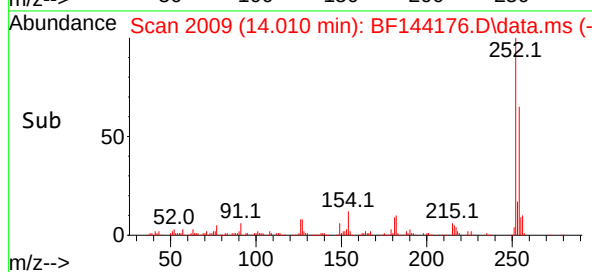
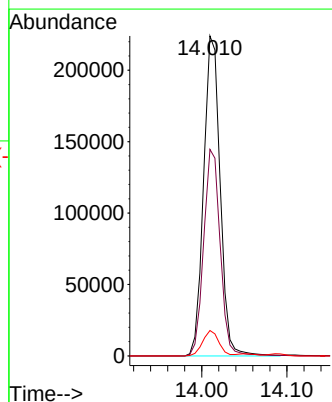
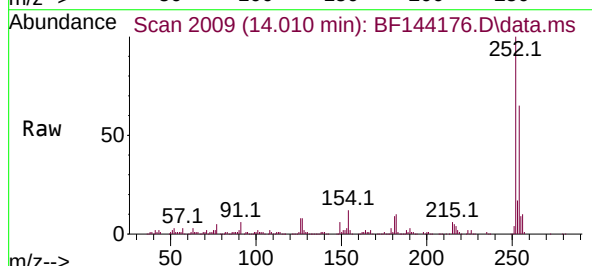
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

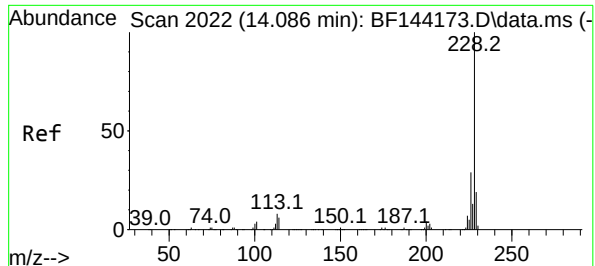
Tgt Ion:228 Resp: 856602
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 81.046 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

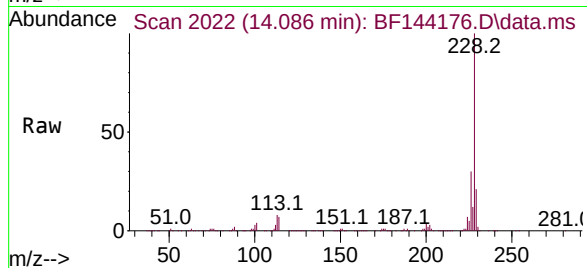
Tgt Ion:252 Resp: 301919
Ion Ratio Lower Upper
252 100
254 64.5 53.5 80.3
126 7.9 6.4 9.6



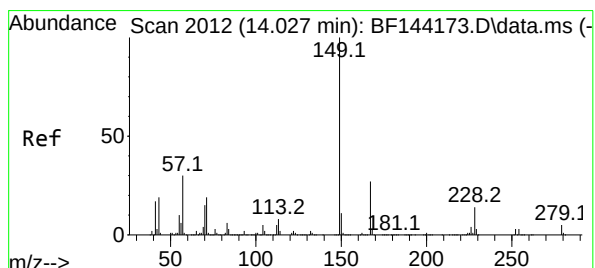
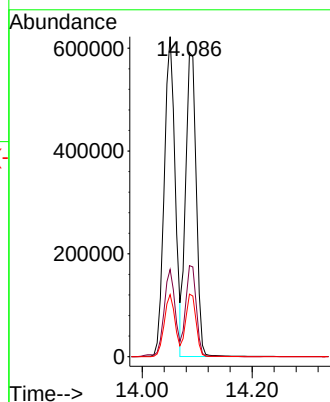
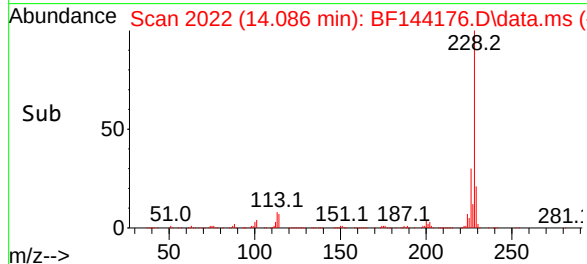


#83
Chrysene
Concen: 78.982 ng
RT: 14.086 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

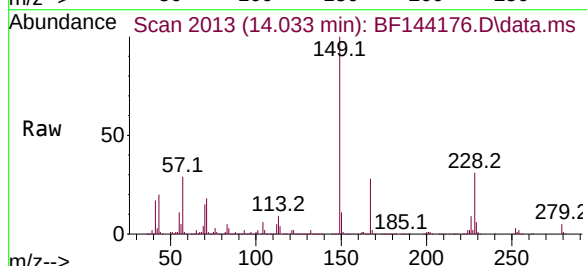
Instrument :
BNA_F
ClientSampleId :
SSTDICC080



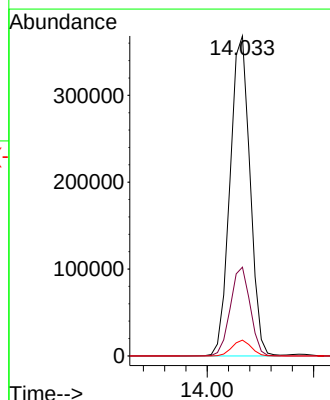
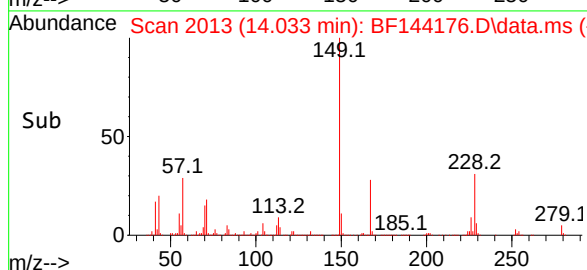
Tgt Ion:228 Resp: 792397
Ion Ratio Lower Upper
228 100
226 29.9 22.9 34.3
229 20.5 15.0 22.6

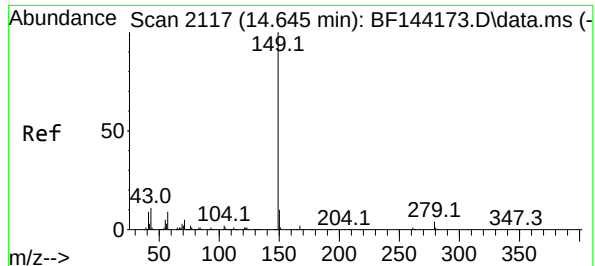


#84
Bis(2-ethylhexyl)phthalate
Concen: 79.898 ng
RT: 14.033 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49



Tgt Ion:149 Resp: 479285
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 4.9 3.7 5.5

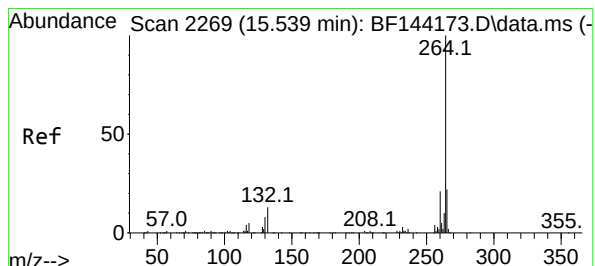
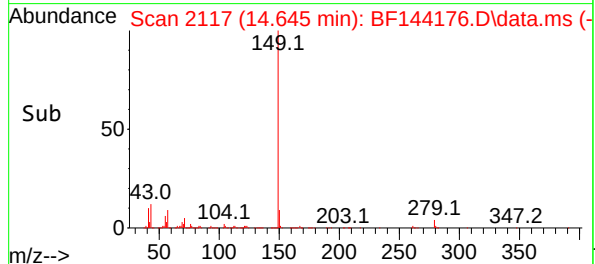
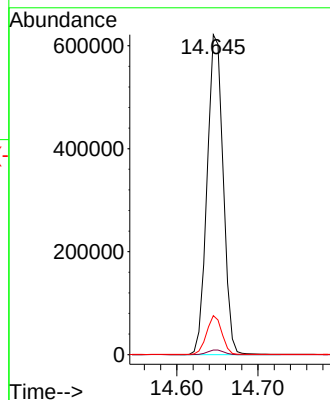
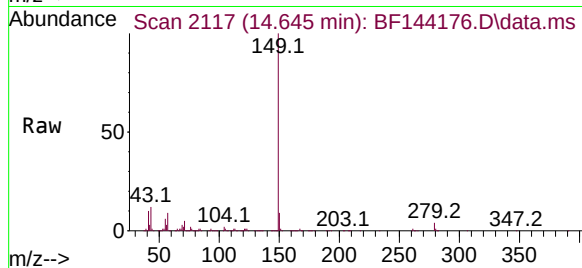




#85
Di-n-octyl phthalate
Concen: 82.657 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

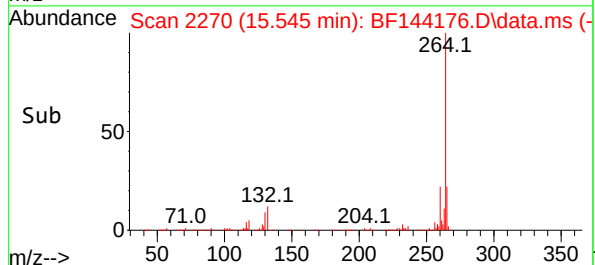
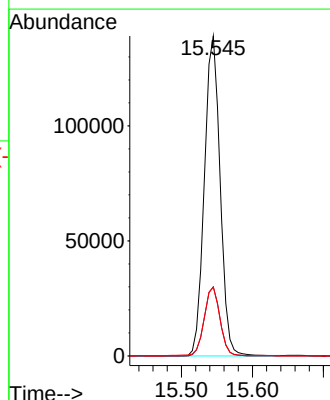
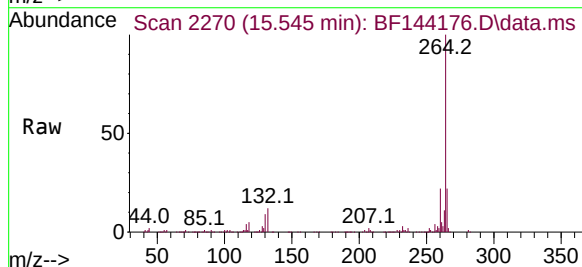
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

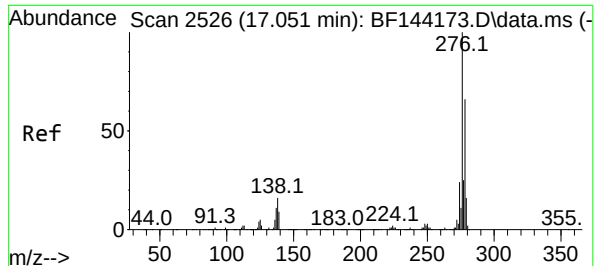
Tgt Ion:149 Resp: 855486
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144176.D
Acq: 05 Nov 2025 16:49

Tgt Ion:264 Resp: 213275
Ion Ratio Lower Upper
264 100
260 21.6 17.1 25.7
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 79.403 ng

RT: 17.062 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

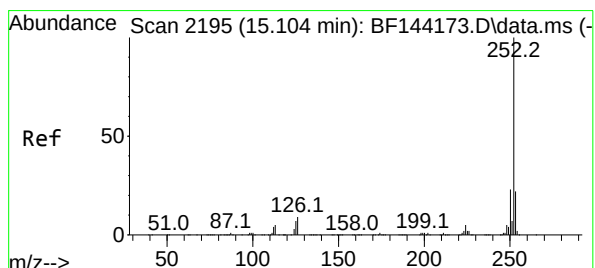
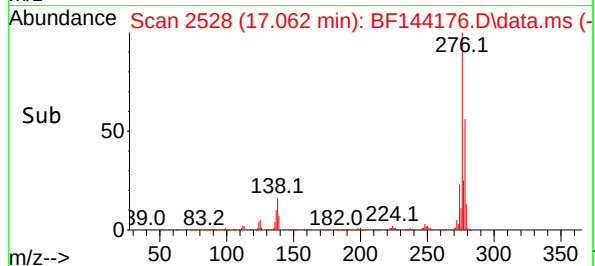
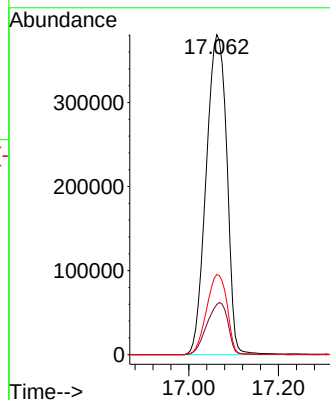
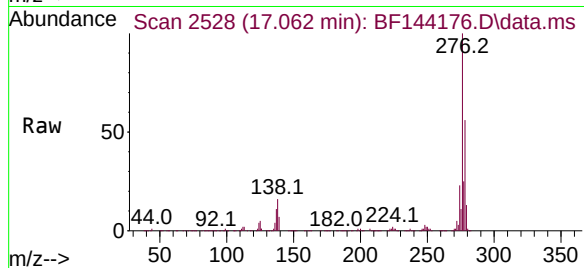
Tgt Ion:276 Resp: 1215637

Ion Ratio Lower Upper

276 100

138 16.6 13.9 20.9

277 24.9 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 80.454 ng

RT: 15.110 min Scan# 2196

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

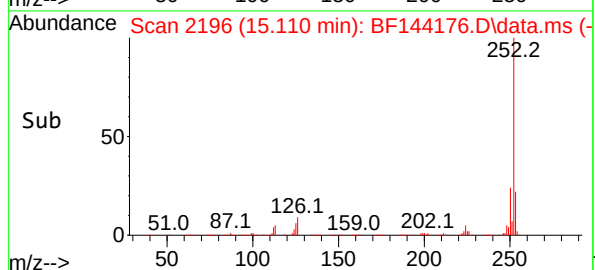
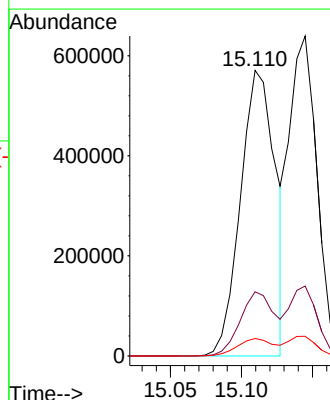
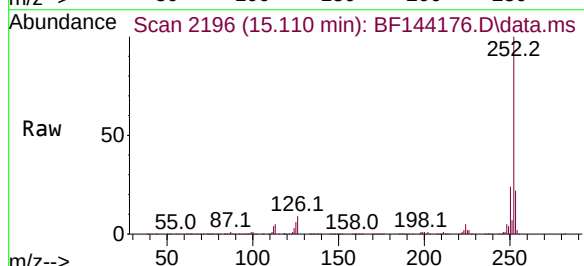
Tgt Ion:252 Resp: 975518

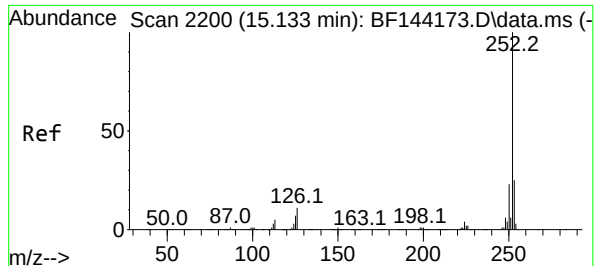
Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

125 6.1 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 76.728 ng

RT: 15.145 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

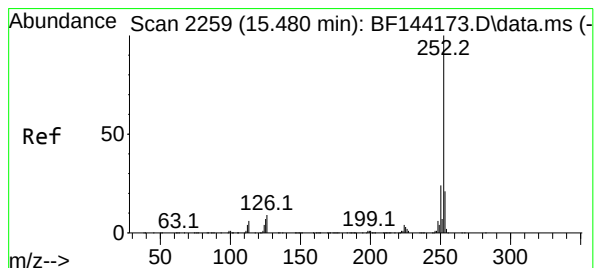
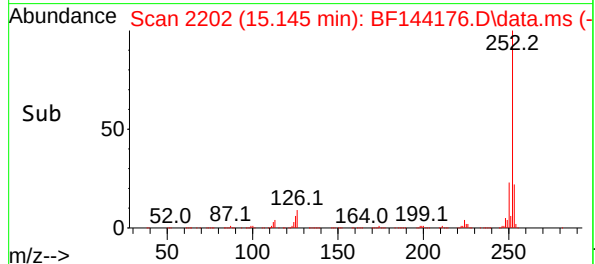
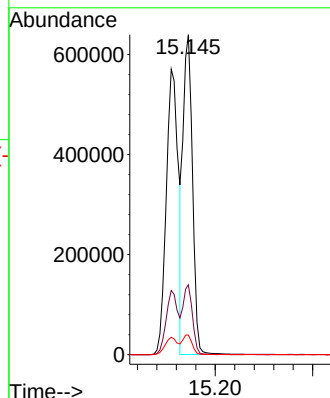
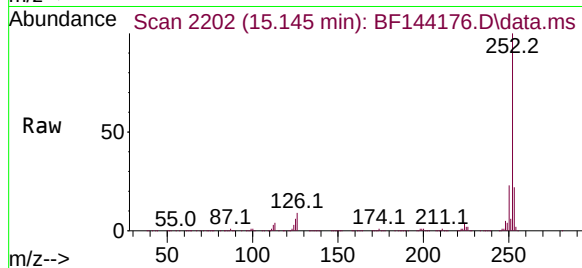
Tgt Ion:252 Resp: 870791

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

125 6.1 5.4 8.2



#90

Benzo(a)pyrene

Concen: 78.458 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

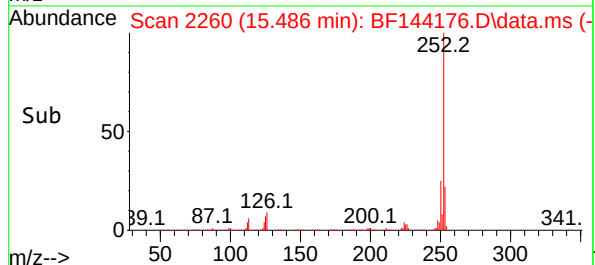
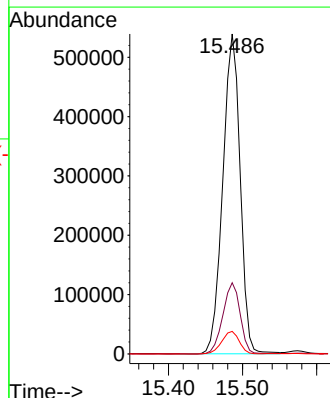
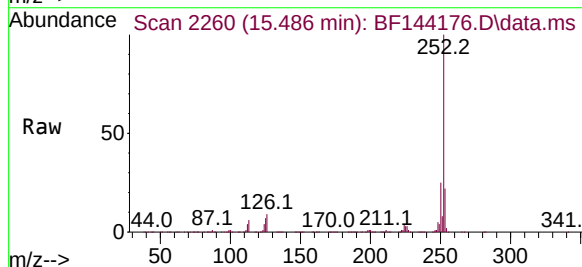
Tgt Ion:252 Resp: 877623

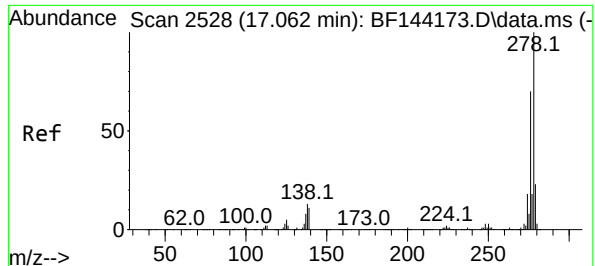
Ion Ratio Lower Upper

252 100

253 22.2 16.7 25.1

125 7.0 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 78.952 ng

RT: 17.080 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

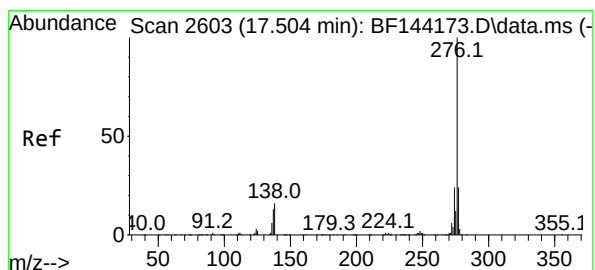
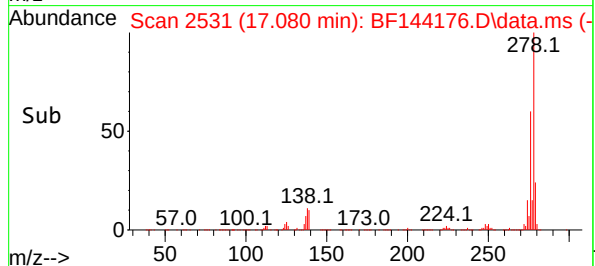
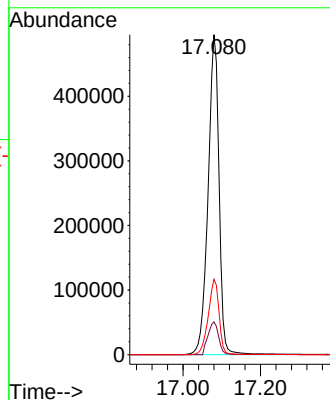
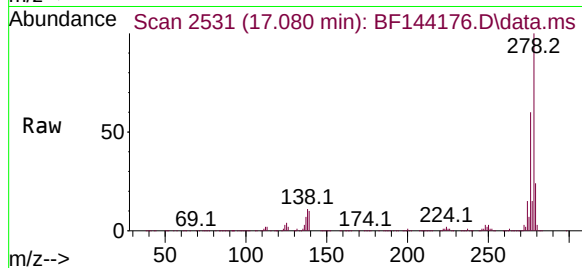
Tgt Ion:278 Resp: 970735

Ion Ratio Lower Upper

278 100

139 10.2 9.1 13.7

279 23.6 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 80.827 ng

RT: 17.521 min Scan# 2606

Delta R.T. 0.000 min

Lab File: BF144176.D

Acq: 05 Nov 2025 16:49

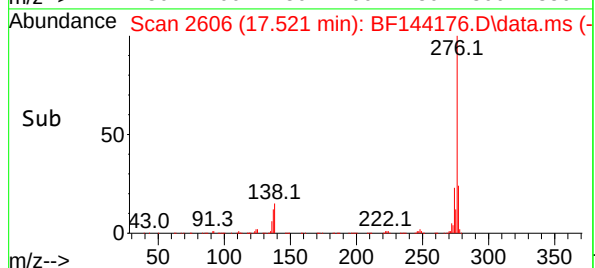
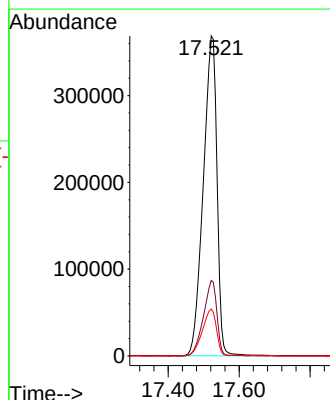
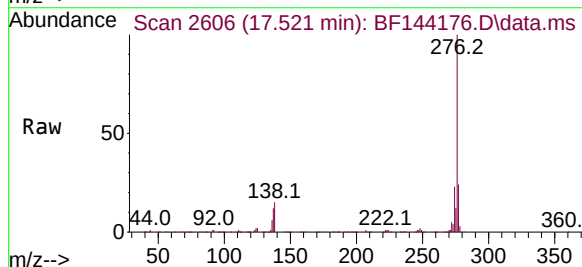
Tgt Ion:276 Resp: 981387

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 14.6 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/06/2025
 Supervised By :Jagrut Upadhyay 11/06/2025

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69106	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	264133	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	143807	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	244964	20.000	ng	0.00
76) Chrysene-d12	14.057	240	162721	20.000	ng	0.00
86) Perylene-d12	15.539	264	215110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	310198	70.243	ng	0.00
7) Phenol-d6	6.498	99	347682	69.484	ng	-0.01
23) Nitrobenzene-d5	7.440	82	313737	68.601	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	122691	67.987	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	679055	69.741	ng	0.00
79) Terphenyl-d14	12.992	244	689624	67.318	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	63887	34.992	ng	99
3) Pyridine	3.375	79	165752	32.541	ng	98
4) n-Nitrosodimethylamine	3.322	42	96379	36.224	ng	99
6) Aniline	6.534	93	264913	37.159	ng	99
8) 2-Chlorophenol	6.657	128	151995	35.096	ng	100
9) Benzaldehyde	6.428	77	128101	45.337	ng	99
10) Phenol	6.516	94	217418	35.563	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	156661	35.167	ng	98
12) 1,3-Dichlorobenzene	6.816	146	192589	36.038	ng	98
13) 1,4-Dichlorobenzene	6.893	146	191978	35.858	ng	98
14) 1,2-Dichlorobenzene	7.045	146	189651	36.957	ng	98
15) Benzyl Alcohol	7.016	79	141026	35.593	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	289907	35.340	ng	99
17) 2-Methylphenol	7.122	107	119633	34.723	ng	97
18) Hexachloroethane	7.387	117	64124	36.050	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	112165	34.051	ng	95
20) 3+4-Methylphenols	7.275	107	145554	35.839	ng	# 89
22) Acetophenone	7.281	105	204331	36.061	ng	98
24) Nitrobenzene	7.457	77	172618	34.763	ng	99
25) Isophorone	7.692	82	300648	34.755	ng	100
26) 2-Nitrophenol	7.775	139	89771	36.521	ng	96
27) 2,4-Dimethylphenol	7.804	122	144915	39.334	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	191347	35.422	ng	98
29) 2,4-Dichlorophenol	8.016	162	144739	34.086	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	155562	35.677	ng	99
31) Naphthalene	8.181	128	438013	34.861	ng	99
32) Benzoic acid	7.916	122	81416m	30.148	ng	
33) 4-Chloroaniline	8.228	127	177275	38.685	ng	98
34) Hexachlorobutadiene	8.292	225	113543	34.552	ng	99
35) Caprolactam	8.592	113	38947	33.478	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	130667	34.336	ng	98
37) 2-Methylnaphthalene	8.869	142	268630	31.978	ng	99
38) 1-Methylnaphthalene	8.969	142	271310	33.472	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	173491	36.811	ng	98
41) Hexachlorocyclopentadiene	9.022	237	69987	46.350	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	113418	35.357	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
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Manual Integrations
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Reviewed By :Rahul Chavli 11/06/2025
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Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	121621	35.179	ng	98
46) 1,1'-Biphenyl	9.334	154	366655	36.526	ng	99
47) 2-Chloronaphthalene	9.363	162	300481	35.092	ng	99
48) 2-Nitroaniline	9.457	65	88055	35.641	ng	97
49) Acenaphthylene	9.775	152	464616	39.818	ng	99
50) Dimethylphthalate	9.634	163	334163	35.076	ng	99
51) 2,6-Dinitrotoluene	9.698	165	70890	36.758	ng	97
52) Acenaphthene	9.951	154	262974	33.702	ng	98
53) 3-Nitroaniline	9.869	138	74572	35.372	ng	98
54) 2,4-Dinitrophenol	9.981	184	33460	28.732	ng	97
55) Dibenzofuran	10.122	168	389072	35.602	ng	99
56) 4-Nitrophenol	10.034	139	47167	30.929	ng	93
57) 2,4-Dinitrotoluene	10.104	165	92928	35.994	ng	98
58) Fluorene	10.463	166	298316	35.903	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	91542	37.425	ng	98
60) Diethylphthalate	10.333	149	304274	34.646	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165662	35.002	ng	98
62) 4-Nitroaniline	10.481	138	70828	35.278	ng	97
63) Azobenzene	10.616	77	293901	35.958	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	52164	31.346	ng	96
66) n-Nitrosodiphenylamine	10.575	169	285930	36.292	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106730	34.135	ng	97
68) Hexachlorobenzene	11.016	284	128202	34.810	ng	98
69) Atrazine	11.098	200	92182	36.790	ng	97
70) Pentachlorophenol	11.216	266	59981	32.706	ng	99
71) Phenanthrene	11.433	178	427466	35.049	ng	99
72) Anthracene	11.486	178	437609	35.286	ng	100
73) Carbazole	11.639	167	360909	34.224	ng	99
74) Di-n-butylphthalate	11.963	149	440261	34.535	ng	99
75) Fluoranthene	12.622	202	432624	34.338	ng	99
77) Benzidine	12.745	184	217389	45.165	ng	99
78) Pyrene	12.857	202	433110	33.011	ng	99
80) Butylbenzylphthalate	13.469	149	157485	34.633	ng	98
81) Benzo(a)anthracene	14.045	228	377686	33.489	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	153129	39.612	ng	96
83) Chrysene	14.086	228	359786	34.559	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	217122	34.880	ng	99
85) Di-n-octyl phthalate	14.645	149	377429	35.142	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	525298	34.019	ng	100
88) Benzo(b)fluoranthene	15.104	252	428292	35.021	ng	99
89) Benzo(k)fluoranthene	15.133	252	371234	32.431	ng	99
90) Benzo(a)pyrene	15.480	252	399556	35.415	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	423195	34.126	ng	99
92) Benzo(g,h,i)perylene	17.504	276	426866	34.857	ng	98

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

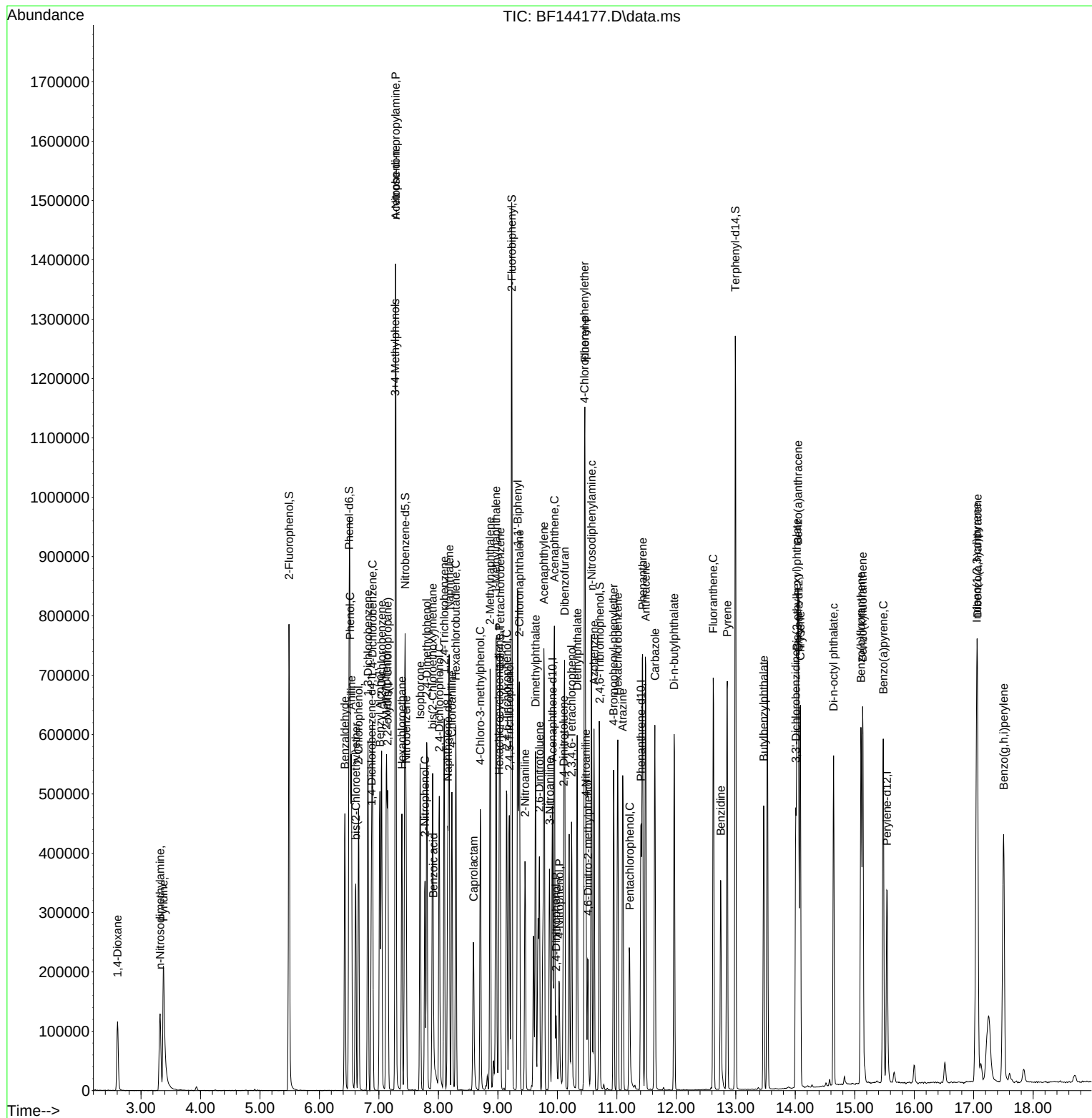
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Data File : BF144177.D  
Acq On    : 05 Nov 2025 17:21  
Operator  : RC/JU  
Sample    : SSTDICV040  
Misc      :  
ALS Vial  : 11 Sample Multiplier: 1
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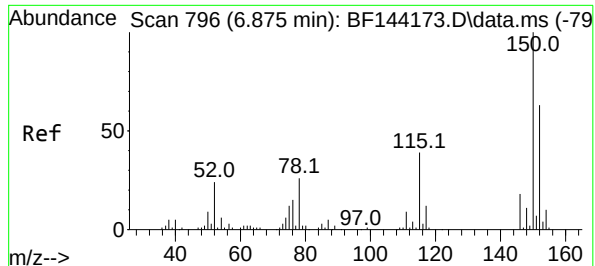
Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

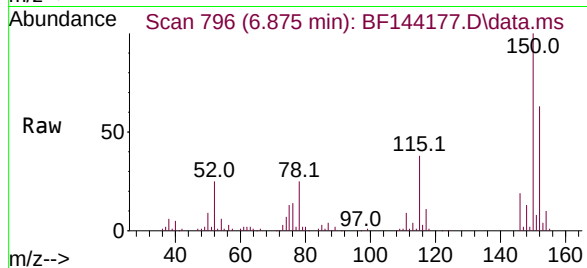
Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

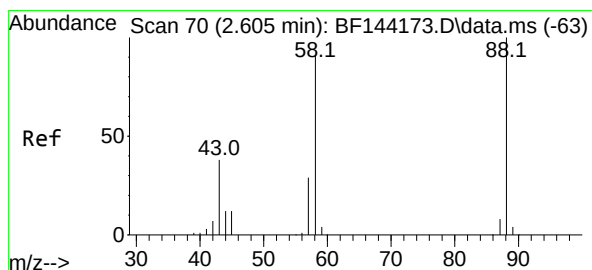
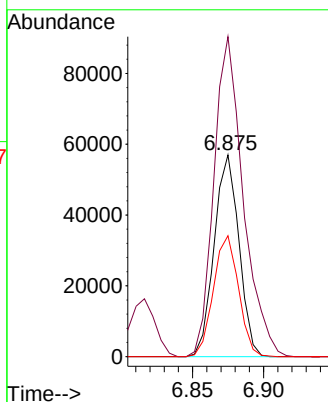
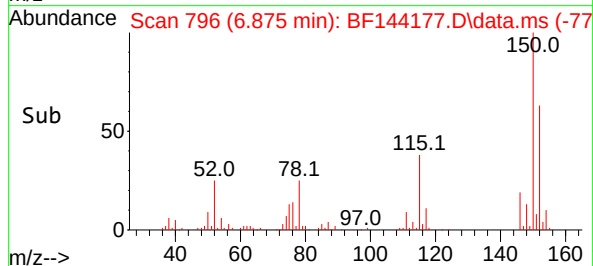
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:152 Resp: 69106
Ion Ratio Lower Upper
152 100
150 158.6 127.4 191.0
115 59.9 49.5 74.3

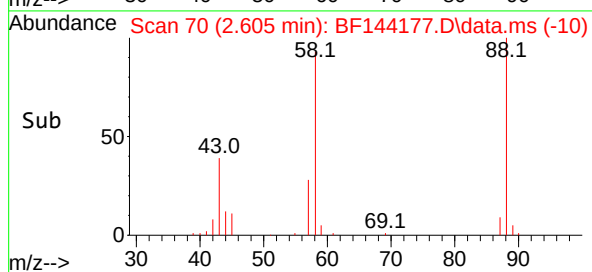
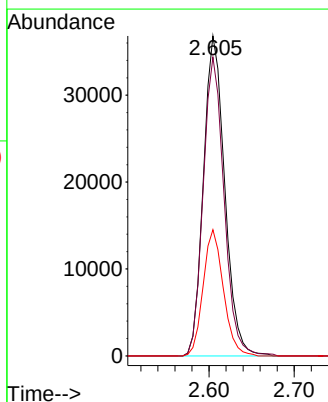
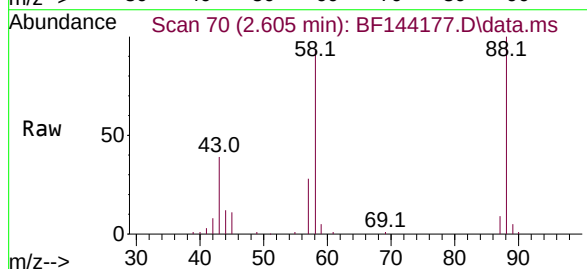
Manual Integrations
APPROVED

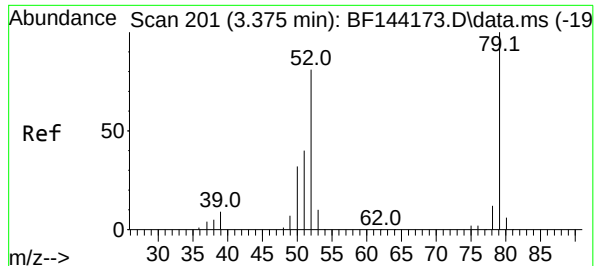
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#2
1,4-Dioxane
Concen: 34.992 ng
RT: 2.605 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 88 Resp: 63887
Ion Ratio Lower Upper
88 100
58 91.6 73.1 109.7
43 37.5 31.0 46.6





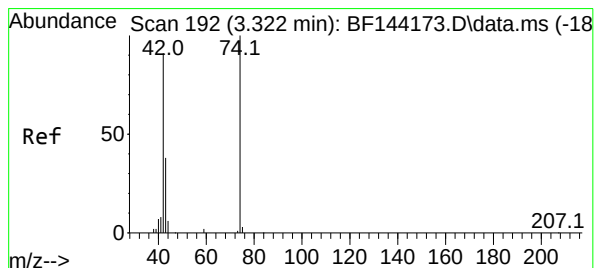
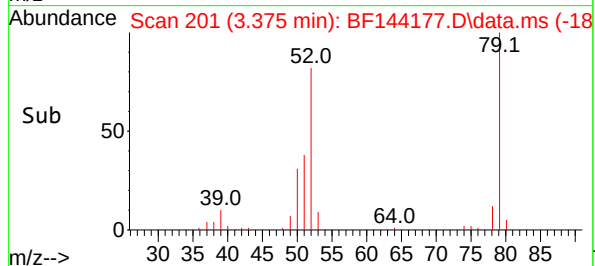
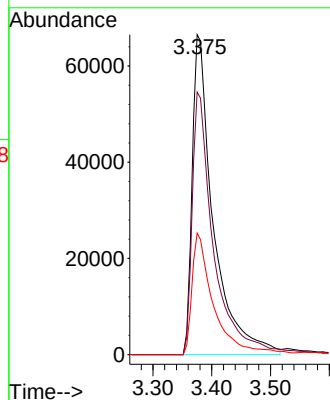
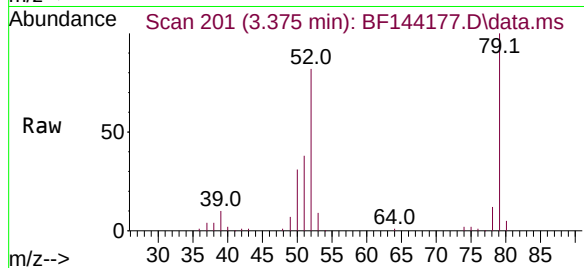
#3
Pyridine
Concen: 32.541 ng
RT: 3.375 min Scan# 201
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 79 Resp: 165752
Ion Ratio Lower Upper
79 100
52 82.0 64.5 96.7
51 38.0 31.7 47.5

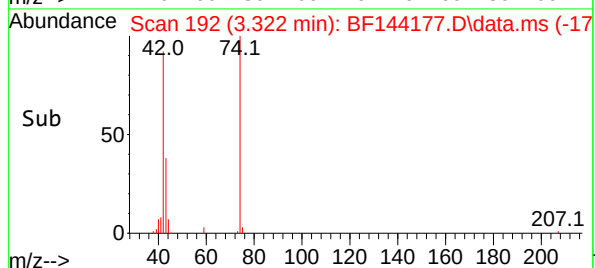
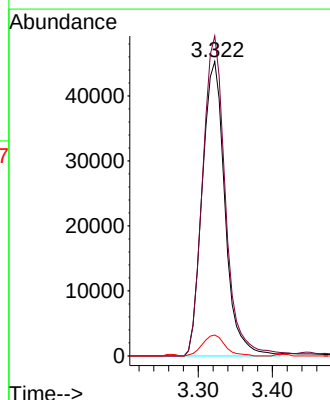
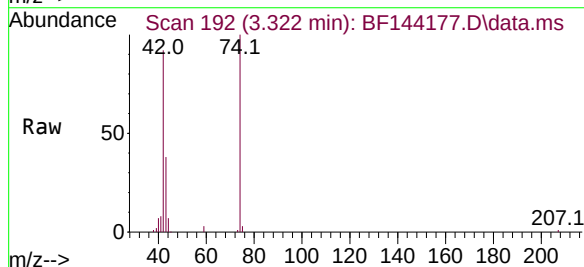
Manual Integrations
APPROVED

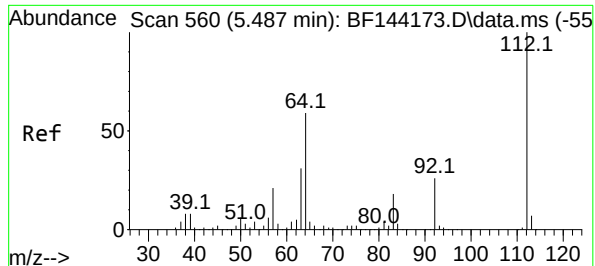
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#4
n-Nitrosodimethylamine
Concen: 36.224 ng
RT: 3.322 min Scan# 192
Delta R.T. -0.023 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

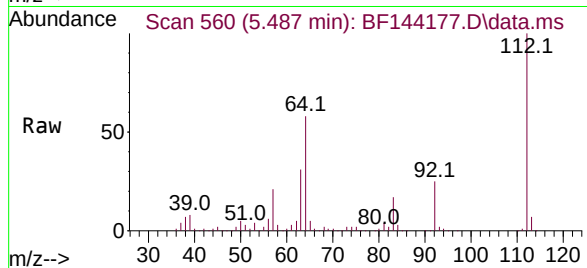
Tgt Ion: 42 Resp: 96379
Ion Ratio Lower Upper
42 100
74 108.7 88.2 132.4
44 7.1 5.7 8.5





#5
2-Fluorophenol
Concen: 70.243 ng
RT: 5.487 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

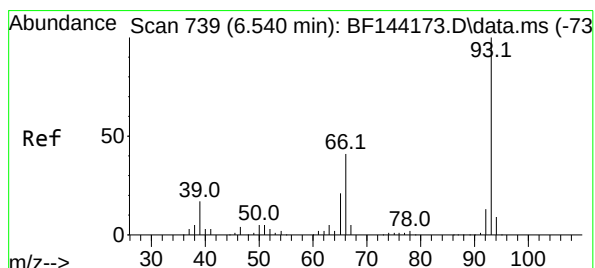
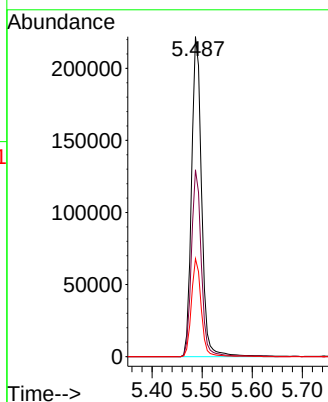
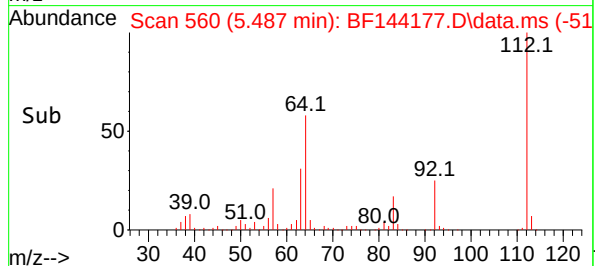
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:112 Resp: 310198
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 30.6 24.4 36.6

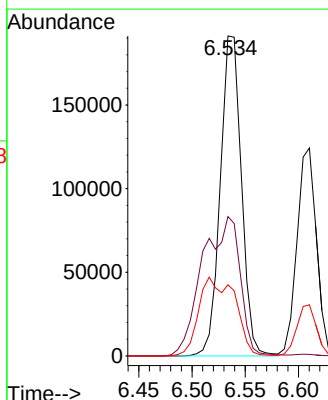
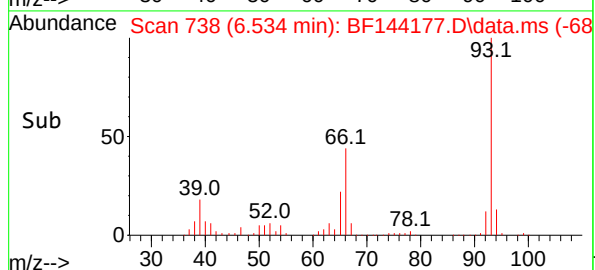
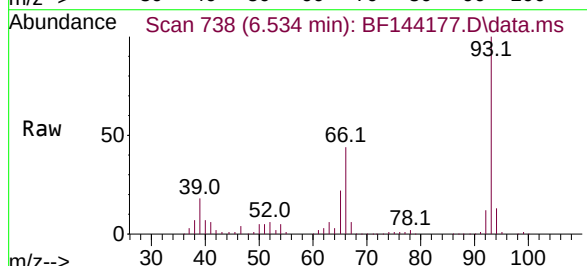
Manual Integrations
APPROVED

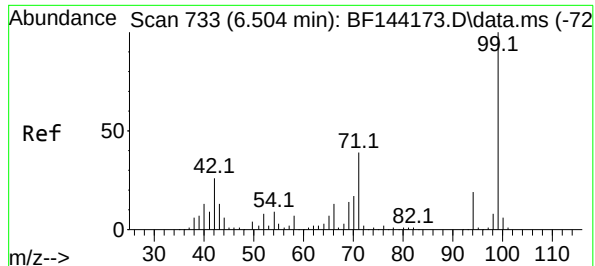
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#6
Aniline
Concen: 37.159 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

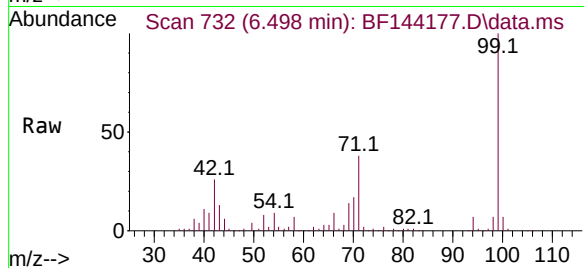
Tgt Ion: 93 Resp: 264913
Ion Ratio Lower Upper
93 100
66 43.5 34.3 51.5
65 22.2 16.9 25.3





#7
Phenol-d6
Concen: 69.484 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

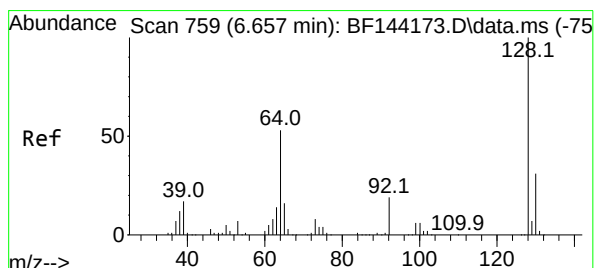
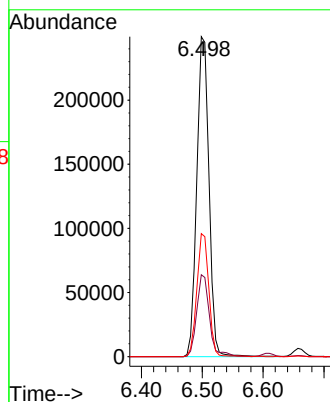
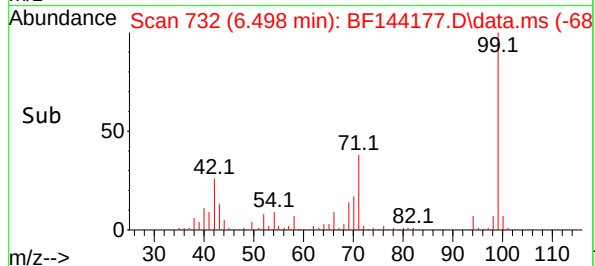
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 99 Resp: 347682
Ion Ratio Lower Upper
99 100
42 25.6 20.9 31.3
71 38.4 31.4 47.2

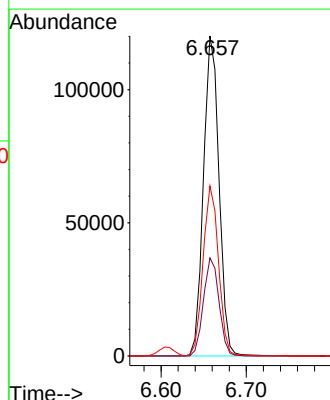
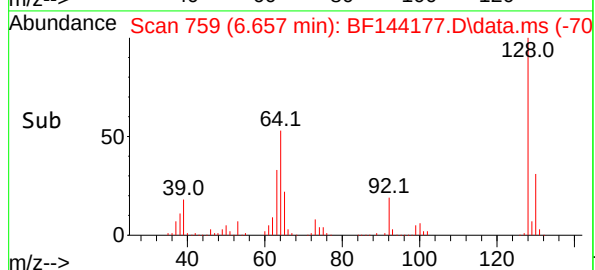
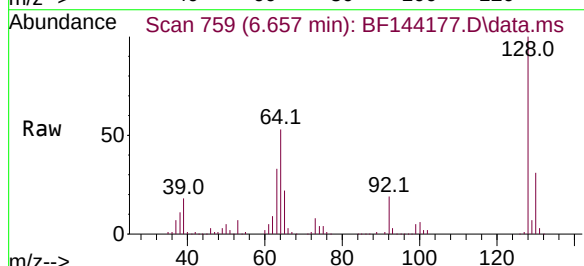
Manual Integrations
APPROVED

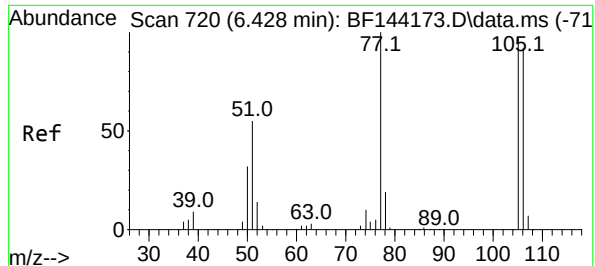
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#8
2-Chlorophenol
Concen: 35.096 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

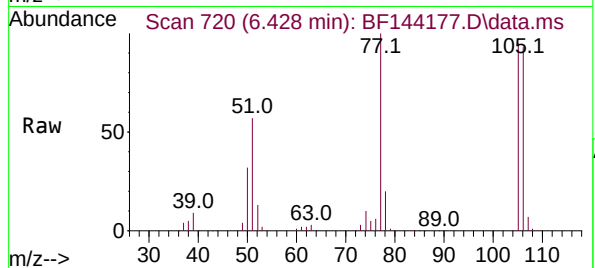
Tgt Ion:128 Resp: 151995
Ion Ratio Lower Upper
128 100
130 30.6 10.5 50.5
64 53.1 33.2 73.2





#9
Benzaldehyde
Concen: 45.337 ng
RT: 6.428 min Scan# 720
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

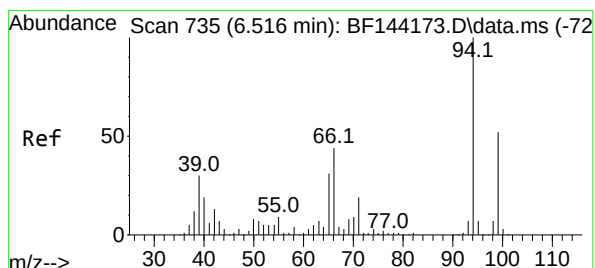
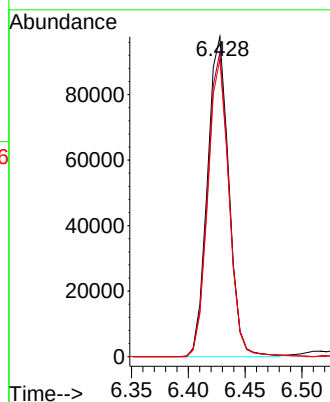
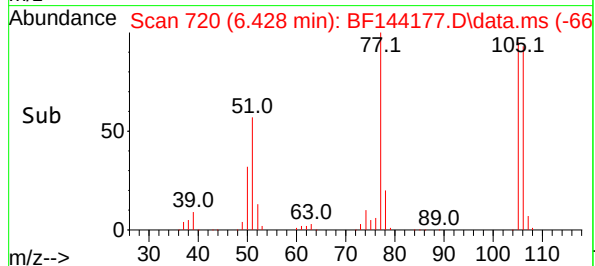
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 77 Resp: 12810
Ion Ratio Lower Upper
77 100
105 95.1 77.2 117.2
106 92.9 72.2 112.2

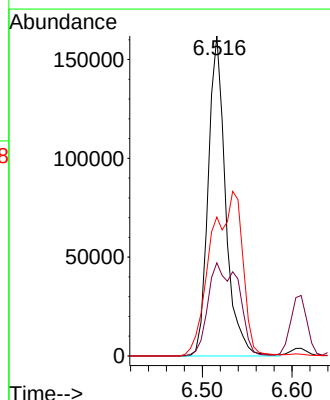
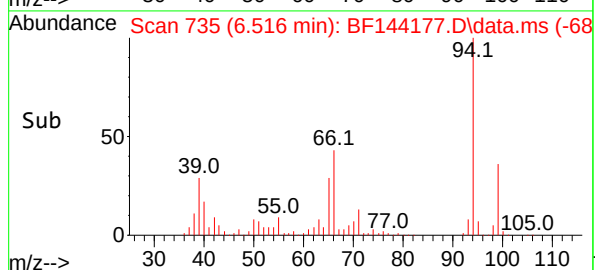
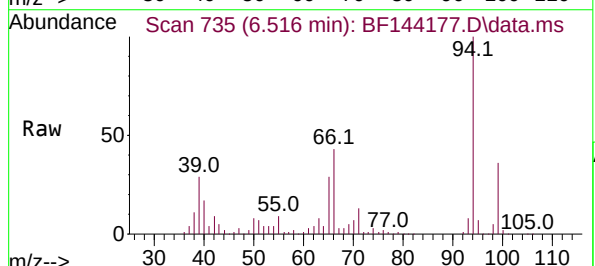
Manual Integrations
APPROVED

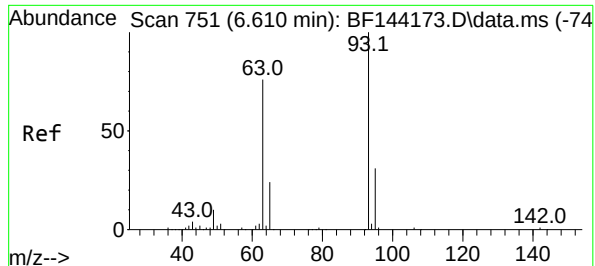
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#10
Phenol
Concen: 35.563 ng
RT: 6.516 min Scan# 735
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion: 94 Resp: 217418
Ion Ratio Lower Upper
94 100
65 29.1 10.8 50.8
66 43.4 24.3 64.3





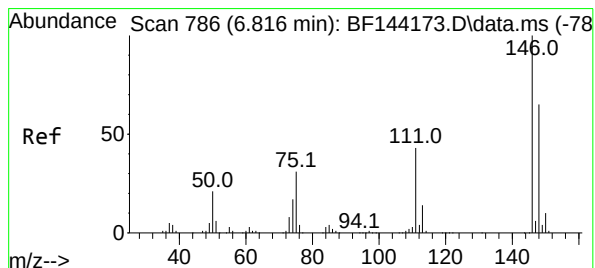
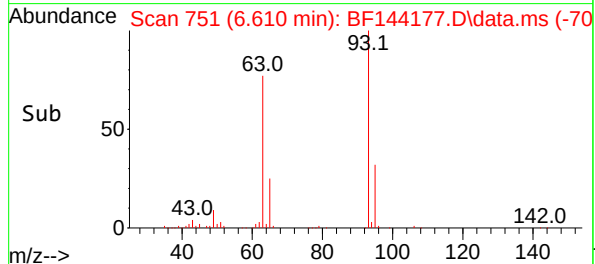
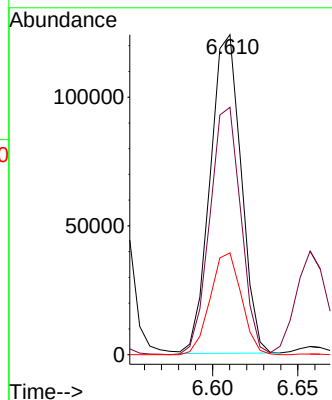
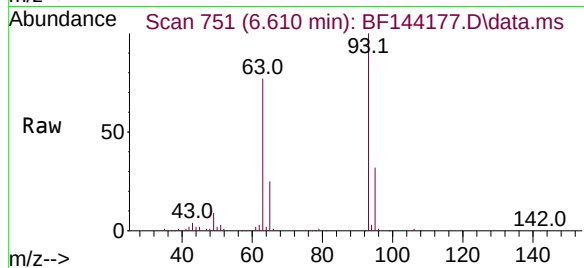
#11
bis(2-Chloroethyl)ether
Concen: 35.167 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 93 Resp: 156663
Ion Ratio Lower Upper
93 100
63 77.3 55.2 95.2
95 31.8 11.2 51.2

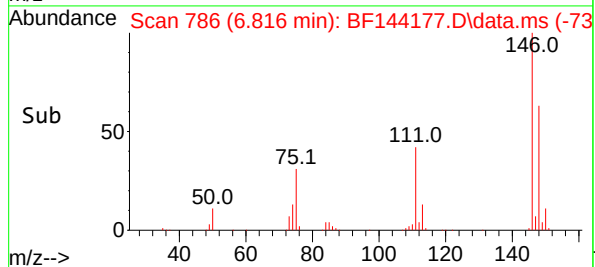
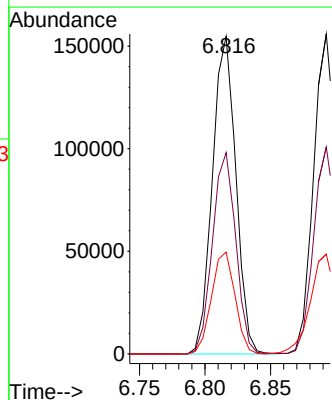
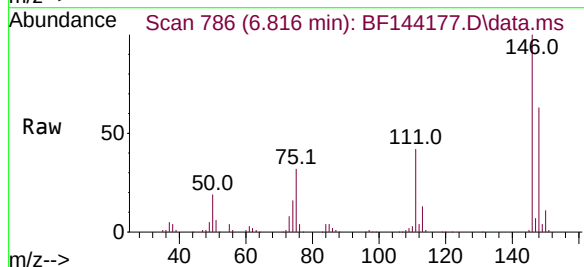
Manual Integrations
APPROVED

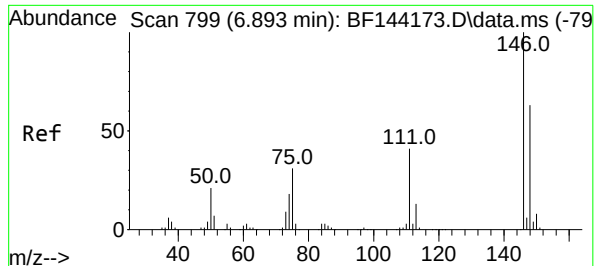
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#12
1,3-Dichlorobenzene
Concen: 36.038 ng
RT: 6.816 min Scan# 786
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:146 Resp: 192589
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
75 32.1 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 35.858 ng

RT: 6.893 min Scan# 799

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:146 Resp: 191978

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.2

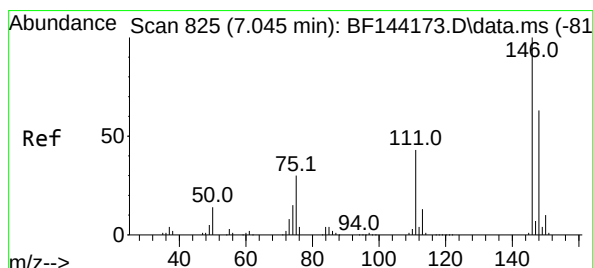
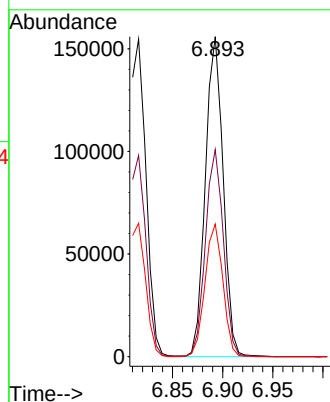
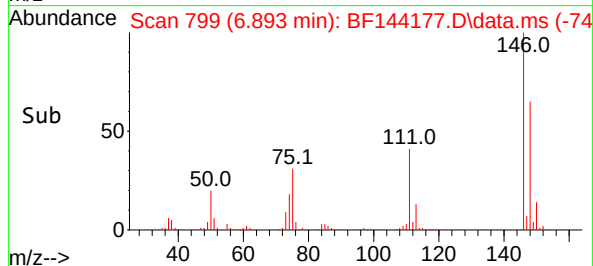
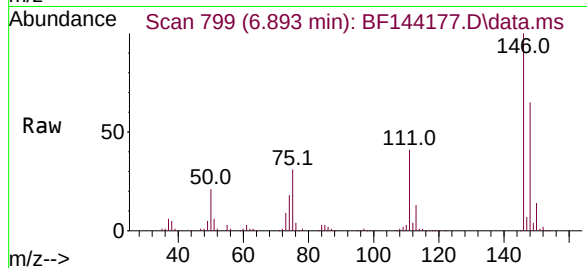
111 41.4 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#14

1,2-Dichlorobenzene

Concen: 36.957 ng

RT: 7.045 min Scan# 825

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

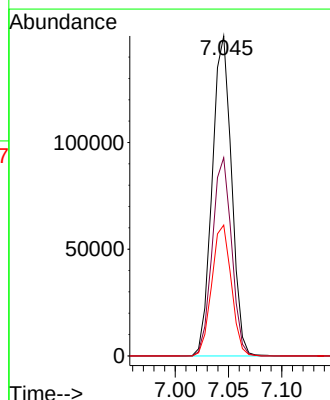
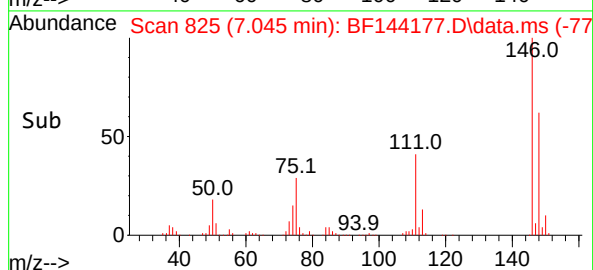
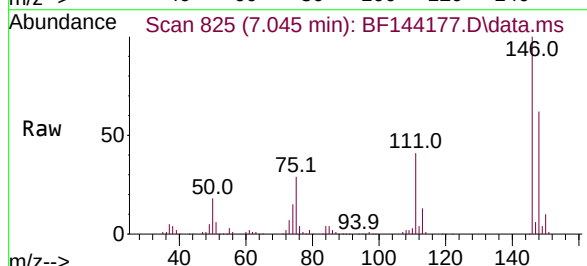
Tgt Ion:146 Resp: 189651

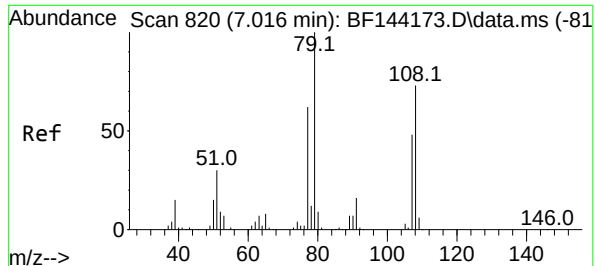
Ion Ratio Lower Upper

146 100

148 61.9 50.7 76.1

111 40.9 34.2 51.4





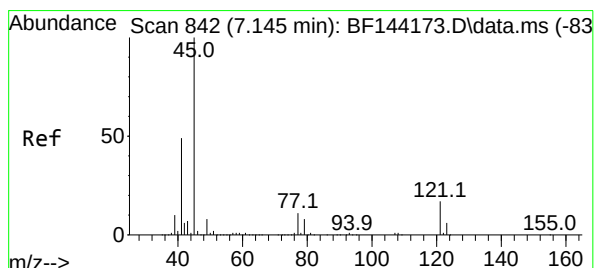
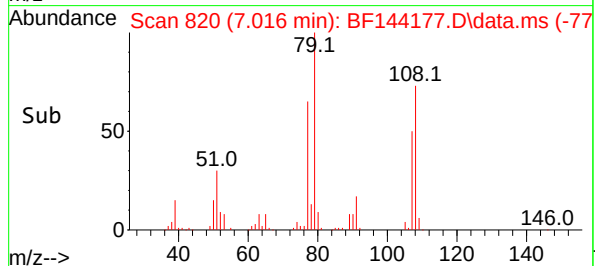
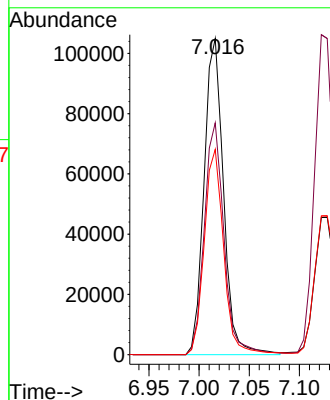
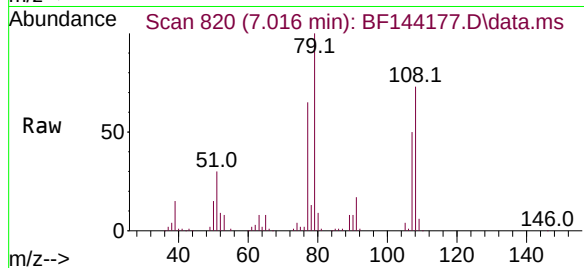
#15
Benzyl Alcohol
Concen: 35.593 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Tgt Ion: 79 Resp: 141026
Ion Ratio Lower Upper
79 100
108 73.3 58.2 87.4
77 64.9 49.9 74.9

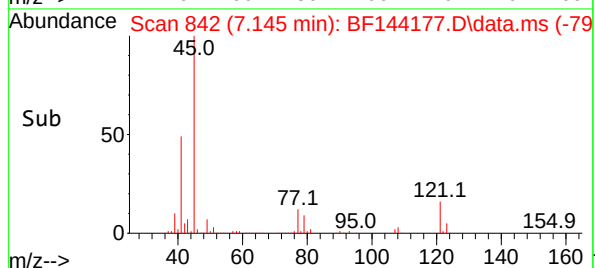
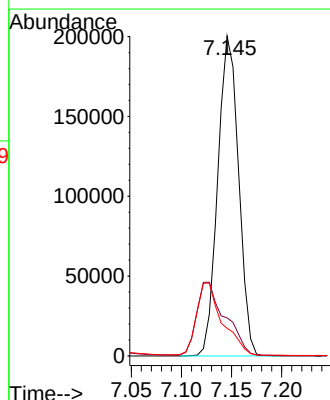
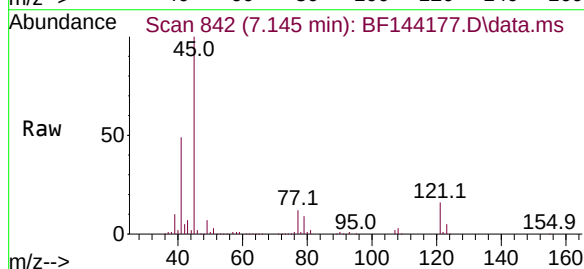
Manual Integrations
APPROVED

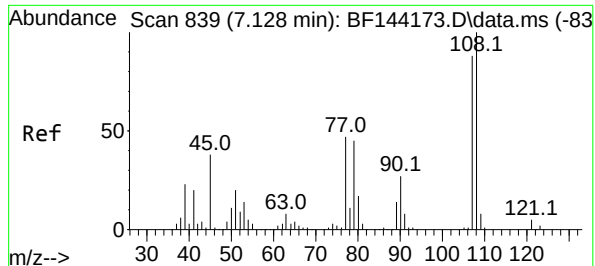
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.340 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

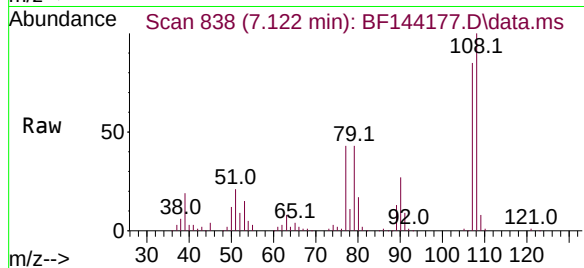
Tgt Ion: 45 Resp: 289907
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.8
79 8.6 0.0 29.1





#17
2-Methylphenol
Concen: 34.723 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

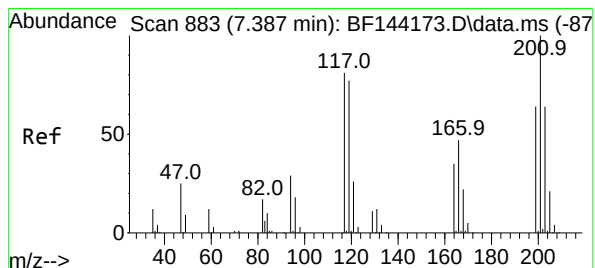
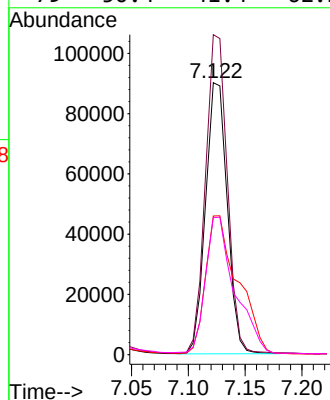
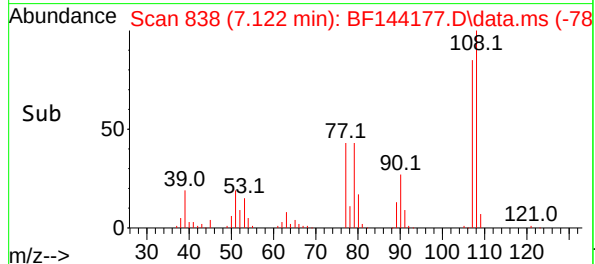
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:107 Resp: 119633
Ion Ratio Lower Upper
107 100
108 117.7 91.0 136.4
77 51.0 42.7 64.1
79 50.4 41.4 62.2

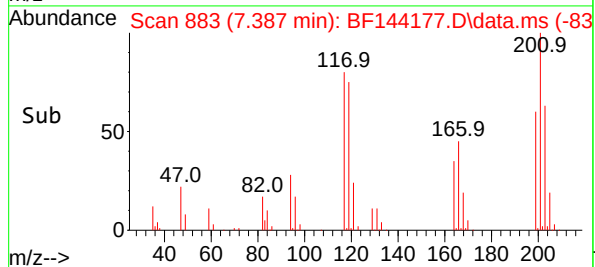
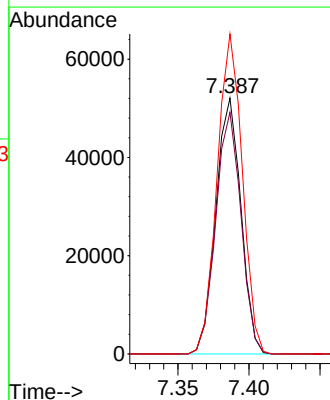
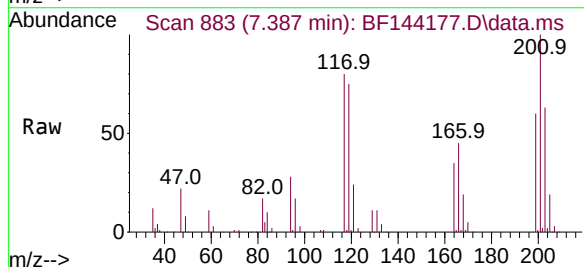
Manual Integrations
APPROVED

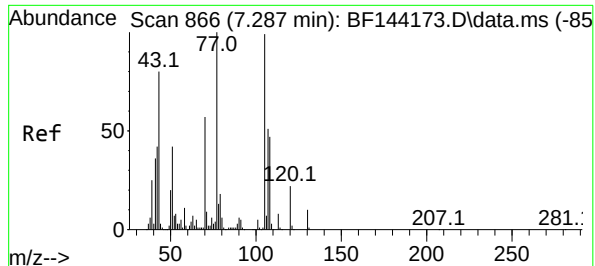
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#18
Hexachloroethane
Concen: 36.050 ng
RT: 7.387 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:117 Resp: 64124
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
201 125.1 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 34.051 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.018 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 70 Resp: 112165

Ion Ratio Lower Upper

70 100

42 78.4 58.3 87.5

101 9.1 7.0 10.6

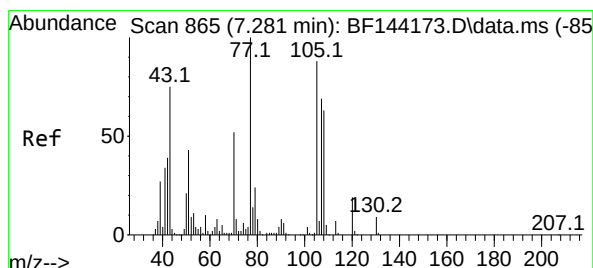
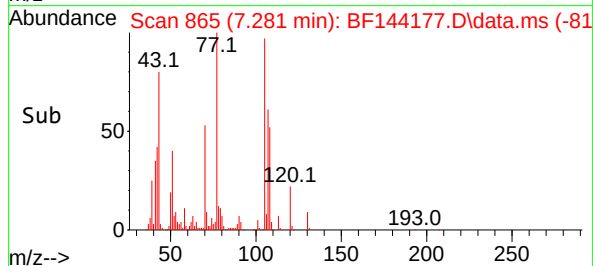
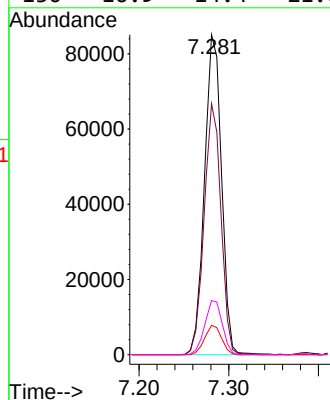
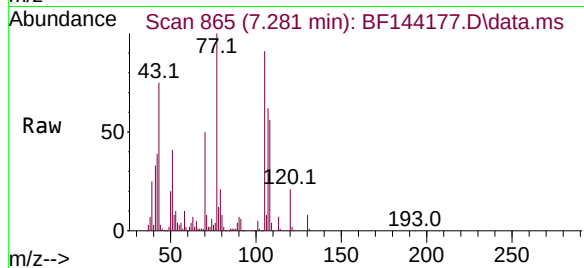
130 16.9 14.4 21.6

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#20

3+4-Methylphenols

Concen: 35.839 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:107 Resp: 145554

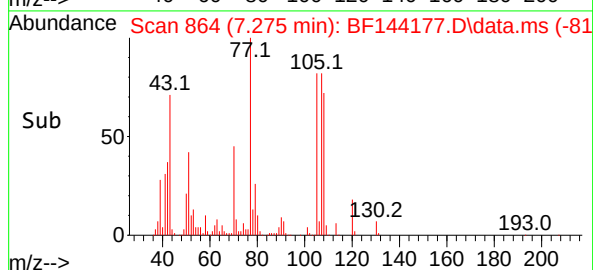
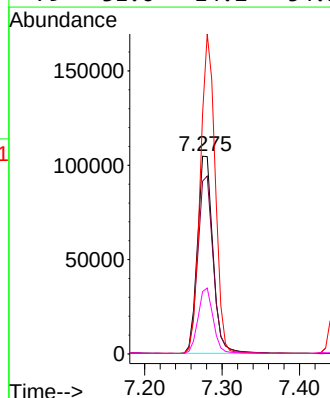
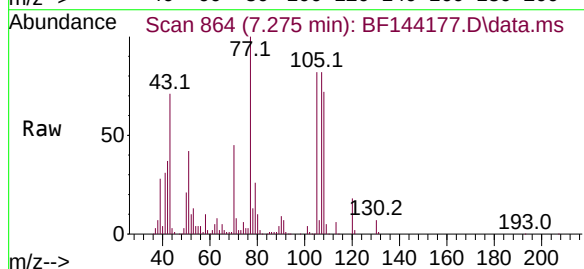
Ion Ratio Lower Upper

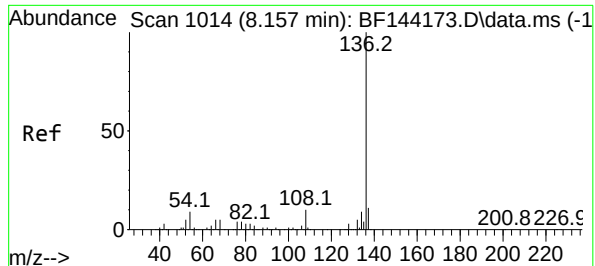
107 100

108 87.4 70.2 110.2

77 121.6 123.9 163.9#

79 31.6 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BF144177.D

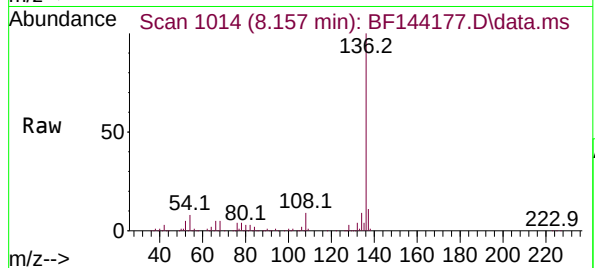
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:136 Resp: 264133

Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.4 7.0 10.6

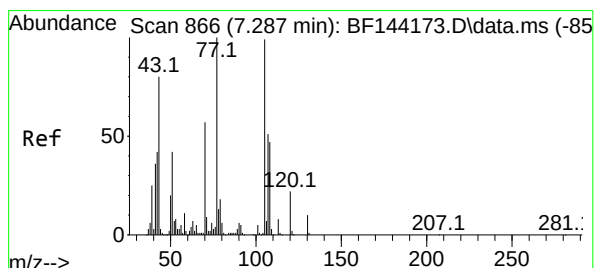
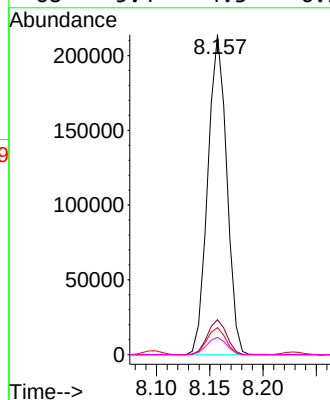
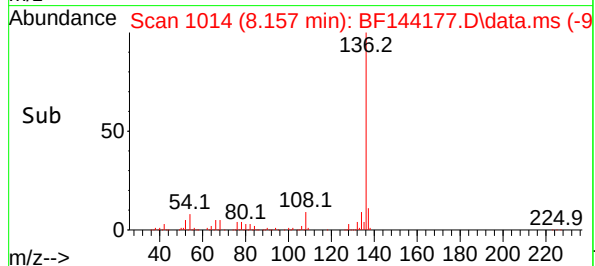
68 5.4 4.3 6.5

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#22

Acetophenone

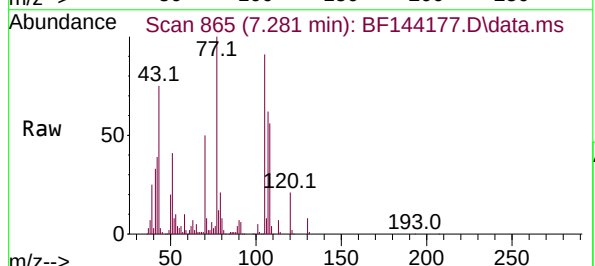
Concen: 36.061 ng

RT: 7.281 min Scan# 865

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:105 Resp: 204331

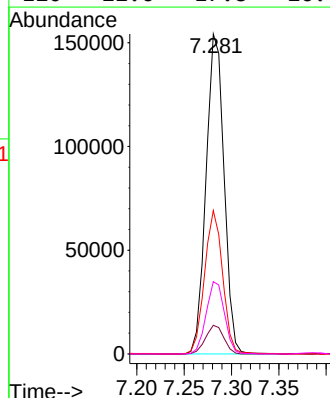
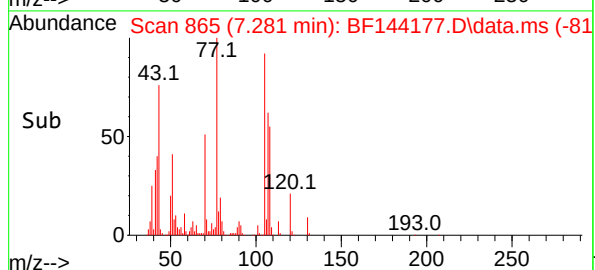
Ion Ratio Lower Upper

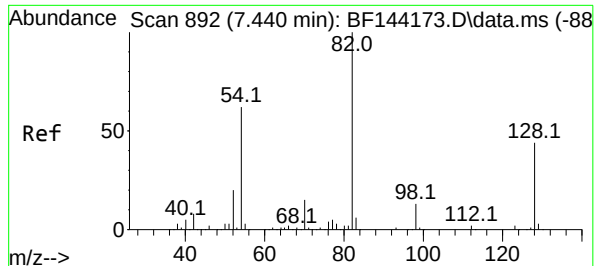
105 100

71 8.9 7.2 10.8

51 44.8 34.0 51.0

120 22.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 68.601 ng

RT: 7.440 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion: 82 Resp: 31373

Ion Ratio Lower Upper

82 100

128 43.8 34.7 52.1

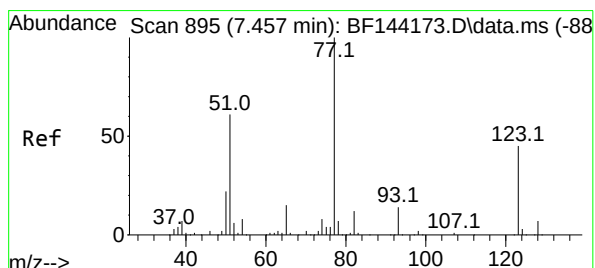
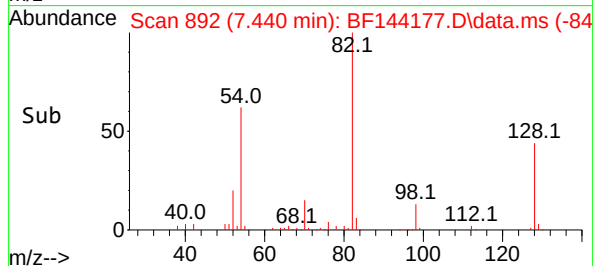
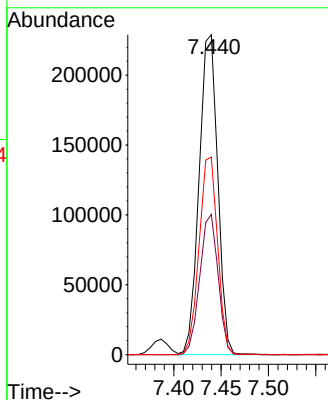
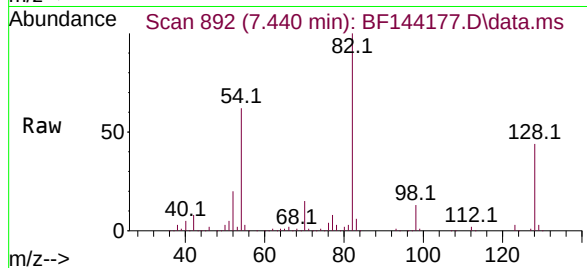
54 61.7 49.5 74.3

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#24

Nitrobenzene

Concen: 34.763 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

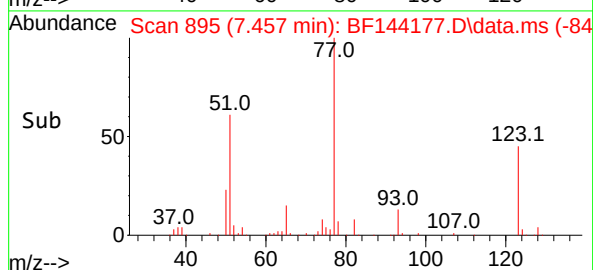
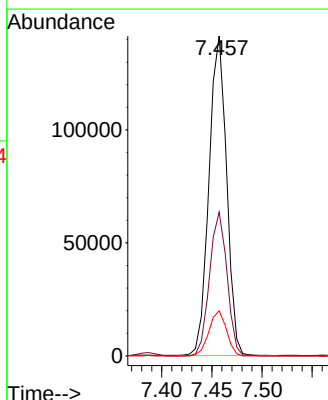
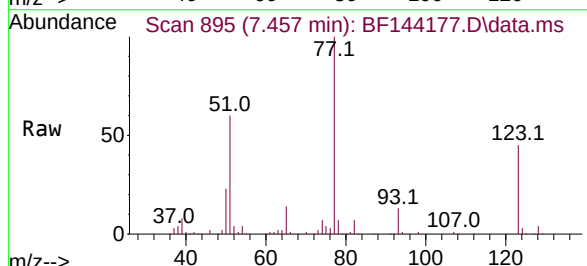
Tgt Ion: 77 Resp: 172618

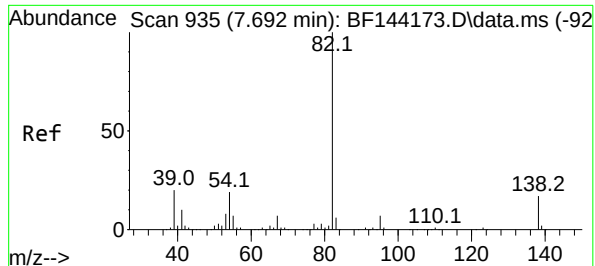
Ion Ratio Lower Upper

77 100

123 44.9 35.8 53.8

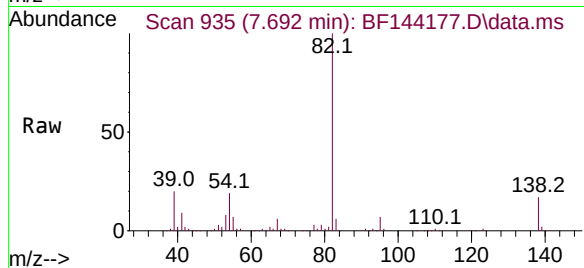
65 14.1 12.2 18.2





#25
Isophorone
Concen: 34.755 ng
RT: 7.692 min Scan# 935
Delta R.T. -0.012 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

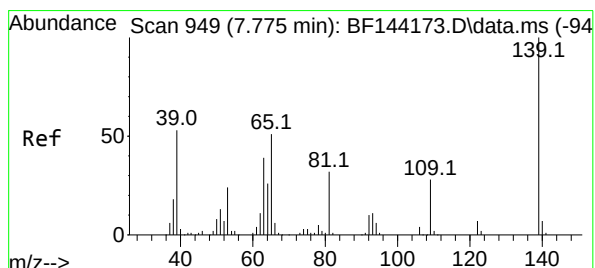
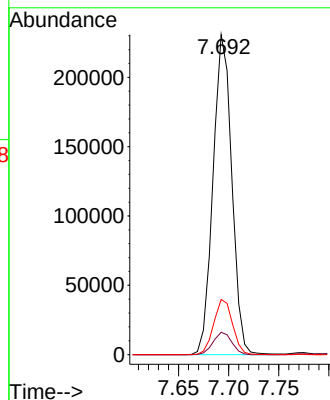
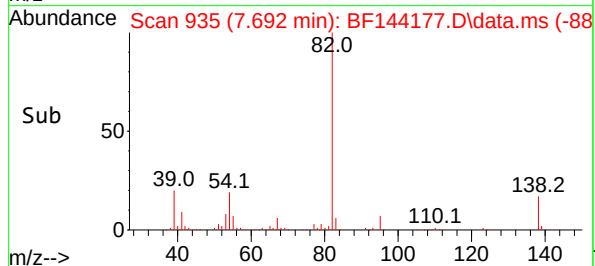
Instrument :
BNA_F
Client Sample Id :
ICVBF110525



Tgt Ion: 82 Resp: 300648
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.2 13.7 20.5

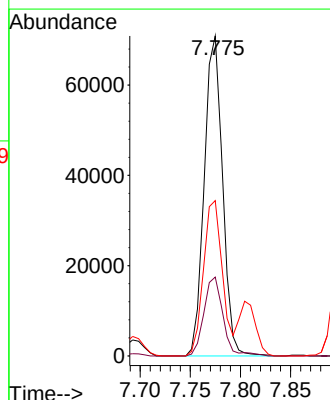
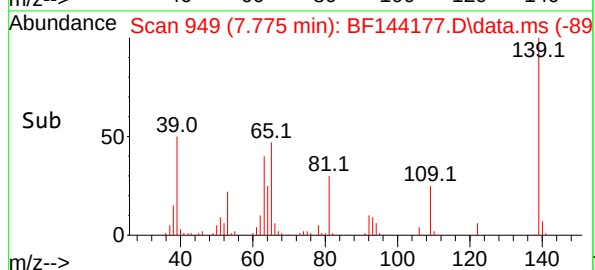
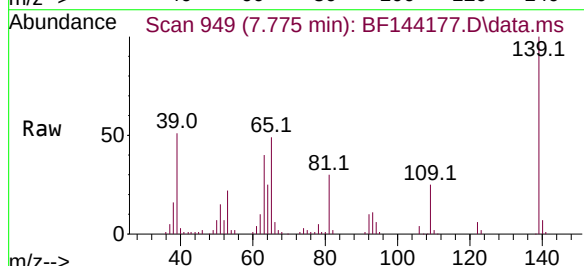
Manual Integrations
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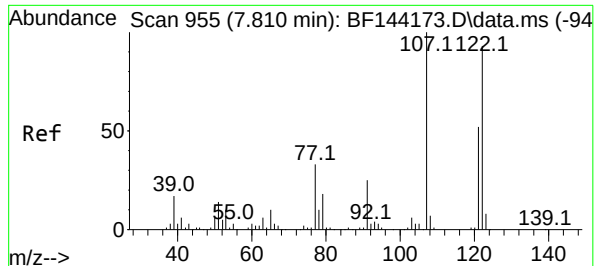
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#26
2-Nitrophenol
Concen: 36.521 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:139 Resp: 89771
Ion Ratio Lower Upper
139 100
109 24.6 22.2 33.2
65 48.5 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 39.334 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

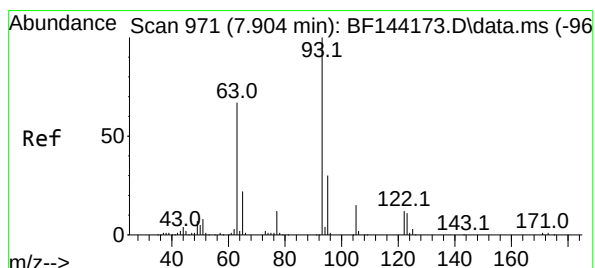
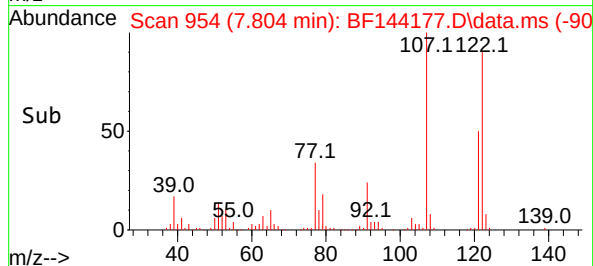
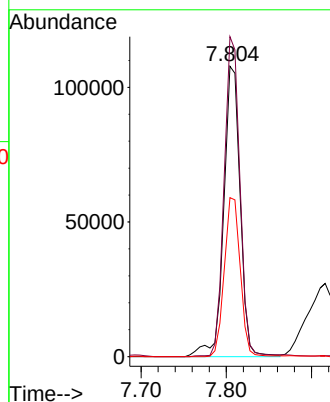
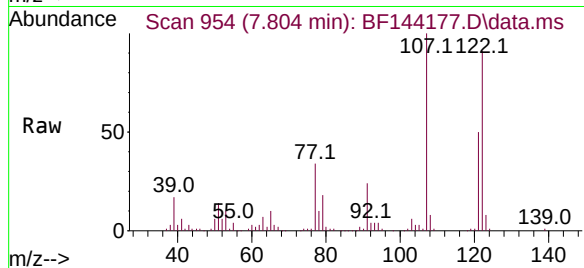
ICVBF110525

Tgt Ion:122 Resp: 144915
Ion Ratio Lower Upper
122 100
107 110.2 86.2 129.4
121 54.8 44.6 66.8

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#28

bis(2-Chloroethoxy)methane

Concen: 35.422 ng

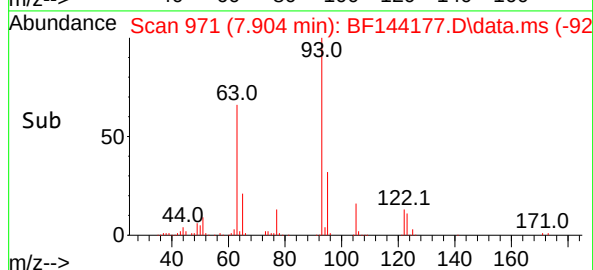
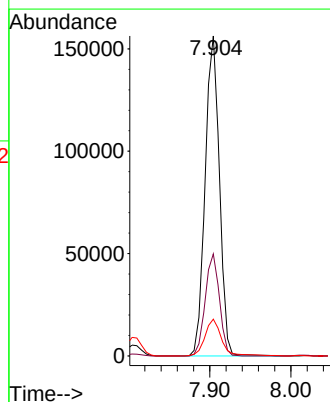
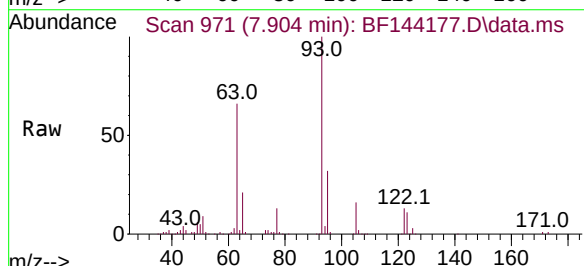
RT: 7.904 min Scan# 971

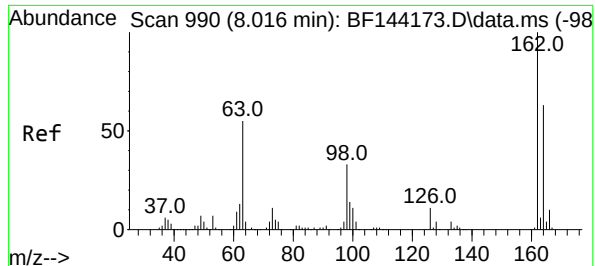
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion: 93 Resp: 191347
Ion Ratio Lower Upper
93 100
95 31.9 24.2 36.4
123 11.5 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 34.086 ng

RT: 8.016 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF144177.D

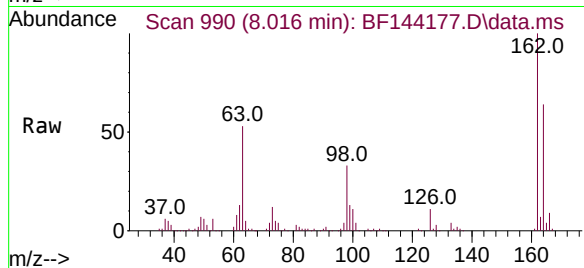
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



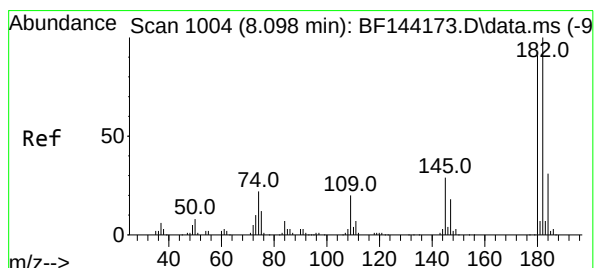
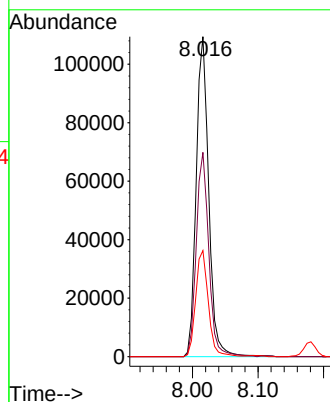
Tgt Ion:	162	Resp:	144739
Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.9	82.9
98	33.1	13.3	53.3

Manual Integrations

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#30

1,2,4-Trichlorobenzene

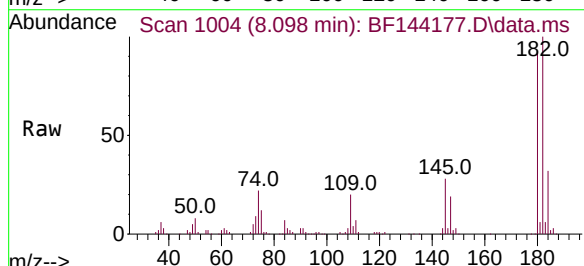
Concen: 35.677 ng

RT: 8.098 min Scan# 1004

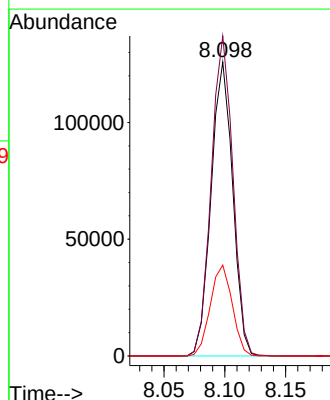
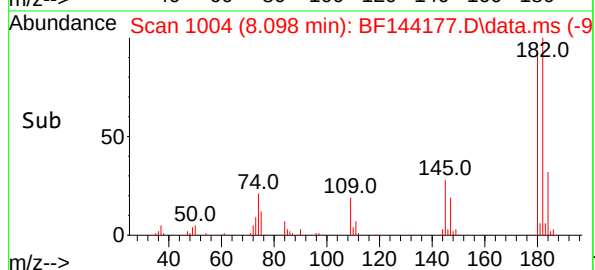
Delta R.T. 0.000 min

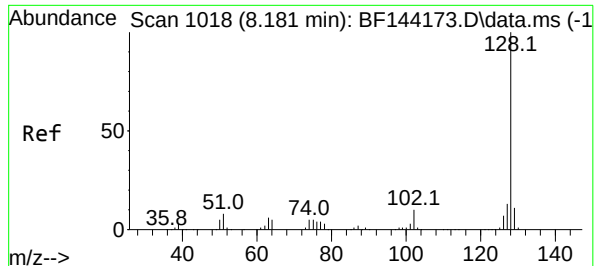
Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



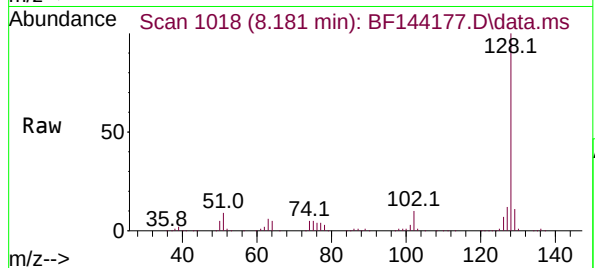
Tgt Ion:	180	Resp:	155562
Ion	Ratio	Lower	Upper
180	100		
182	108.9	87.7	131.5
145	30.9	25.4	38.0





#31
Naphthalene
Concen: 34.861 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

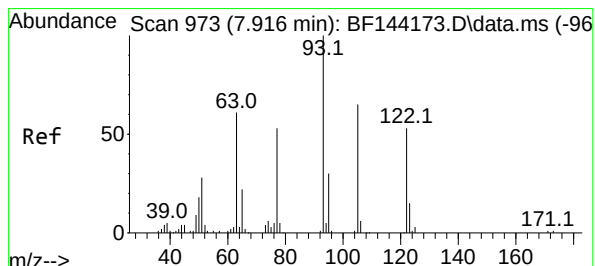
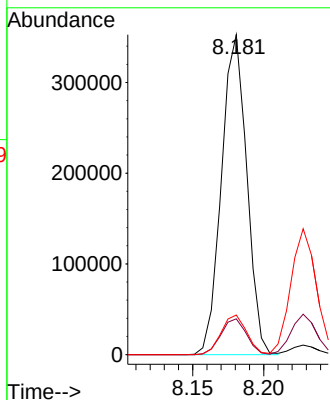
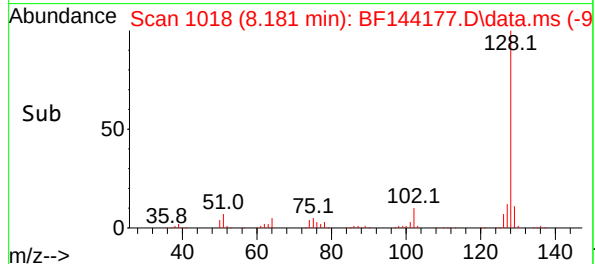
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:128 Resp: 438013
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.4 10.3 15.5

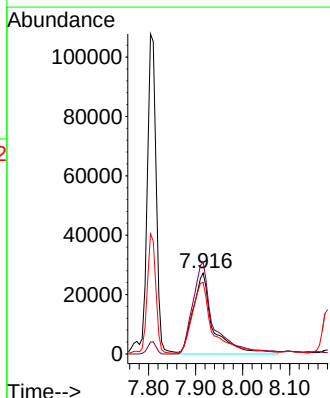
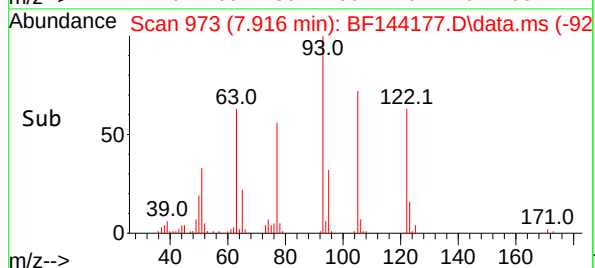
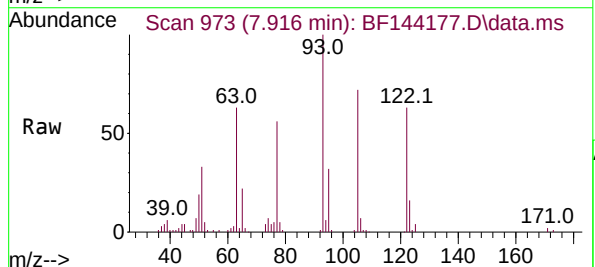
Manual Integrations
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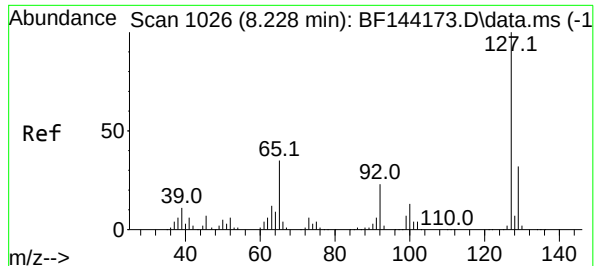
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#32
Benzoic acid
Concen: 30.148 ng m
RT: 7.916 min Scan# 973
Delta R.T. -0.035 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

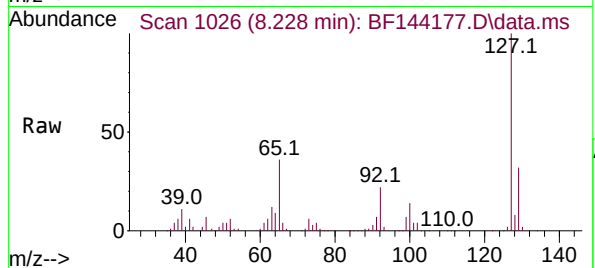
Tgt Ion:122 Resp: 81416
Ion Ratio Lower Upper
122 100
105 113.5 99.9 139.9
77 88.6 77.5 117.5





#33
4-Chloroaniline
Concen: 38.685 ng
RT: 8.228 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

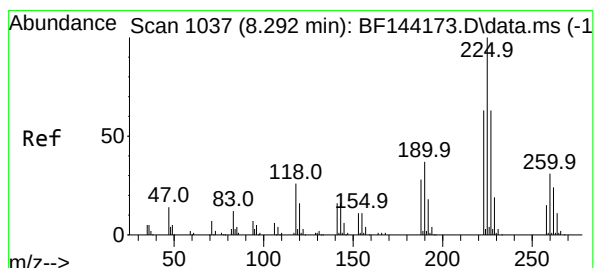
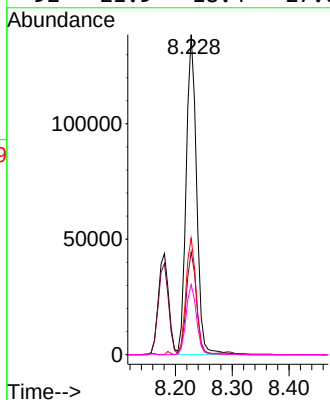
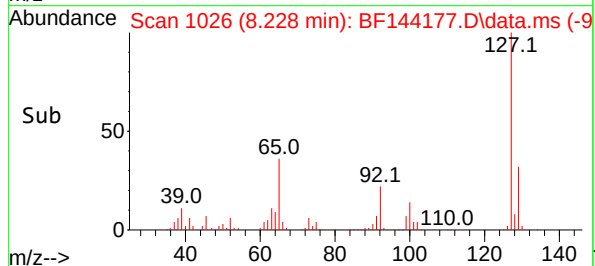
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:127 Resp: 177275
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9
65 36.4 27.6 41.4
92 21.9 18.4 27.6

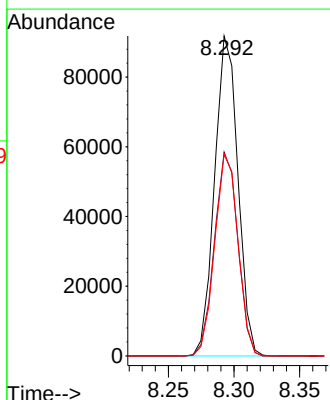
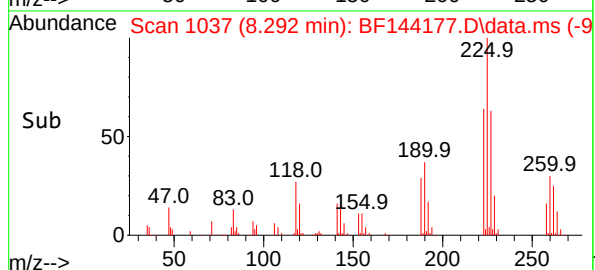
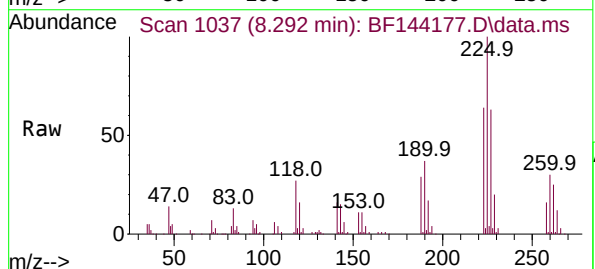
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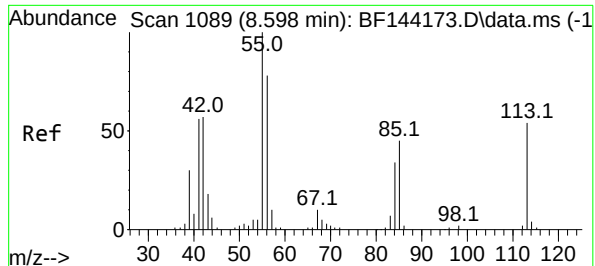
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#34
Hexachlorobutadiene
Concen: 34.552 ng
RT: 8.292 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:225 Resp: 113543
Ion Ratio Lower Upper
225 100
223 63.7 50.2 75.4
227 62.9 50.1 75.1





#35

Caprolactam

Concen: 33.478 ng

RT: 8.592 min Scan# 1088

Delta R.T. -0.029 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

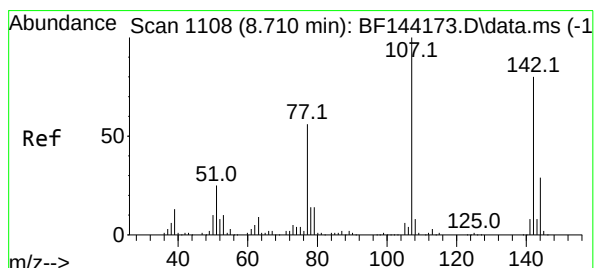
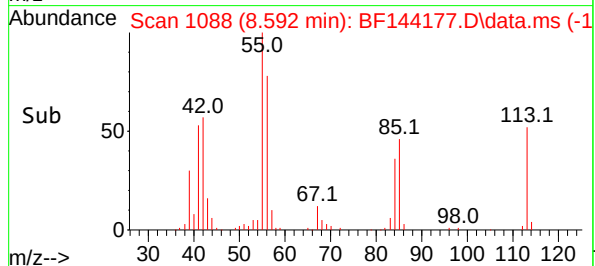
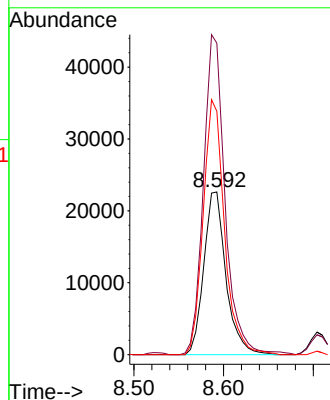
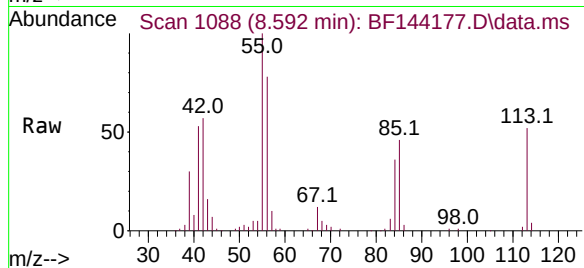
Tgt Ion:	113	Resp:	3894
Ion	Ratio	Lower	Upper
113	100		
55	191.5	166.8	206.8
56	149.7	125.9	165.9

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#36

4-Chloro-3-methylphenol

Concen: 34.336 ng

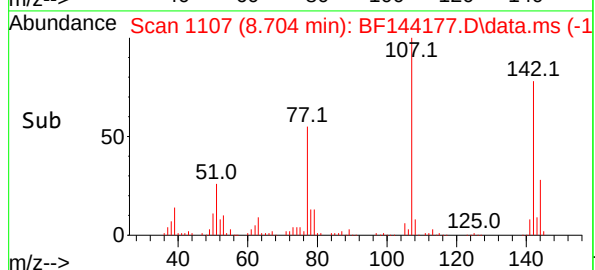
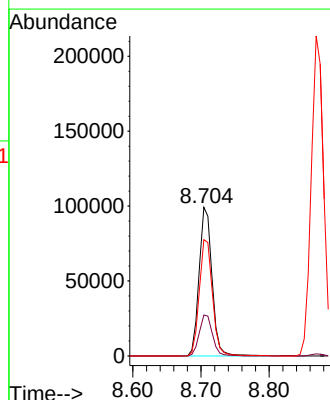
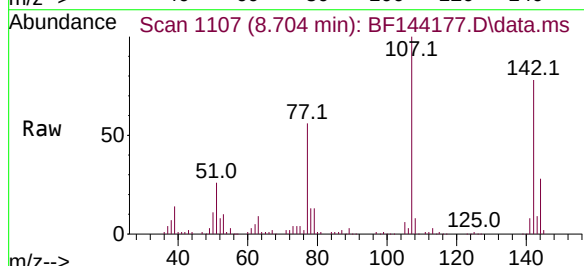
RT: 8.704 min Scan# 1107

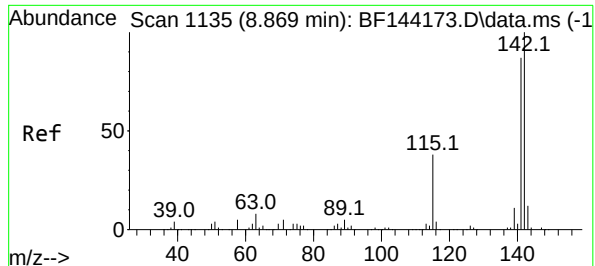
Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:	107	Resp:	130667
Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.3	34.9
142	78.3	63.8	95.6





#37

2-Methylnaphthalene

Concen: 31.978 ng

RT: 8.869 min Scan# 1135

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:142 Resp: 268630

Ion Ratio Lower Upper

142 100

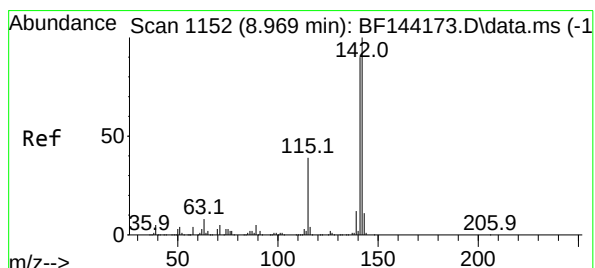
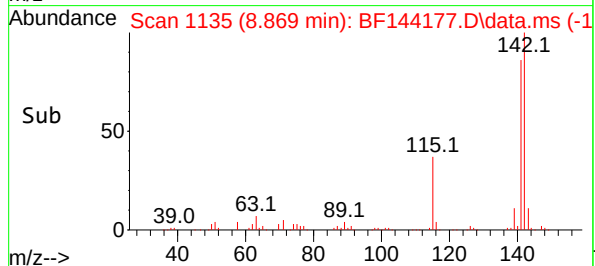
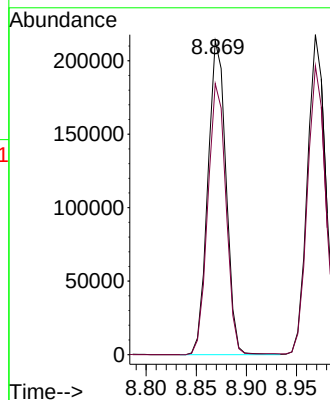
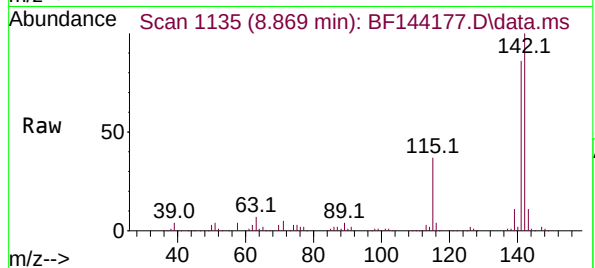
141 86.3 69.9 104.9

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#38

1-Methylnaphthalene

Concen: 33.472 ng

RT: 8.969 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF144177.D

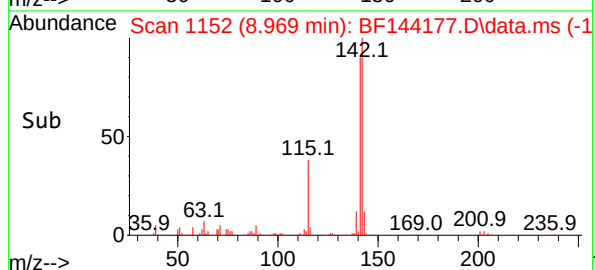
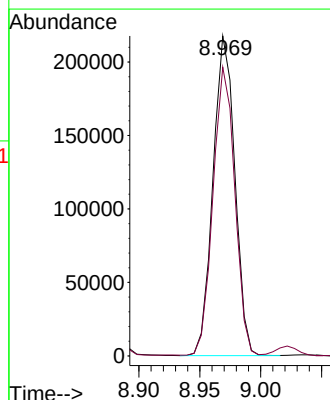
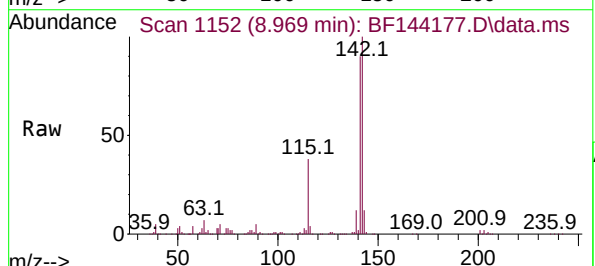
Acq: 05 Nov 2025 17:21

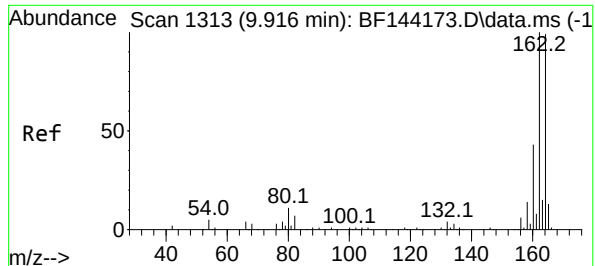
Tgt Ion:142 Resp: 271310

Ion Ratio Lower Upper

142 100

141 90.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144177.D

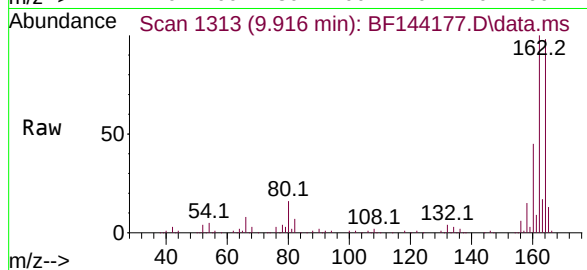
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:164 Resp: 14380

Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

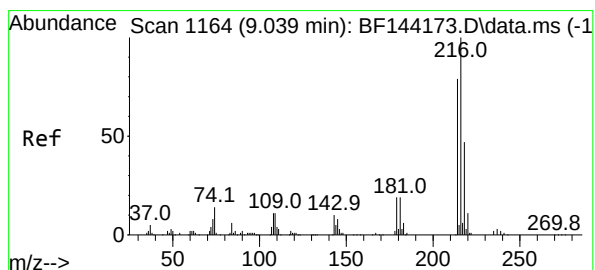
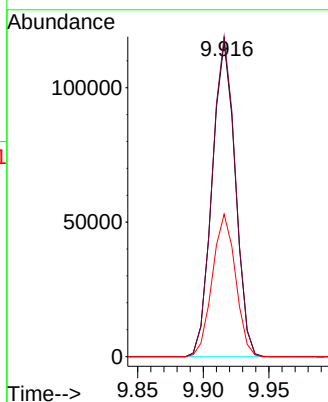
160 45.3 34.5 51.7

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#40

1,2,4,5-Tetrachlorobenzene

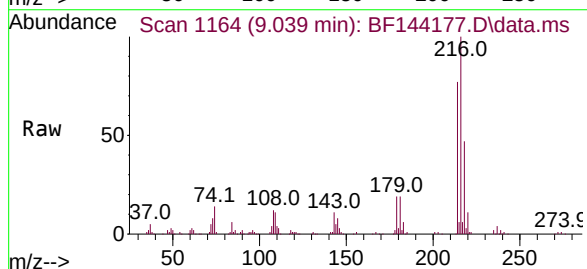
Concen: 36.811 ng

RT: 9.039 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21



Tgt Ion:216 Resp: 173491

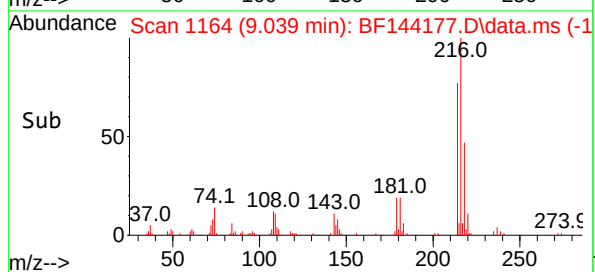
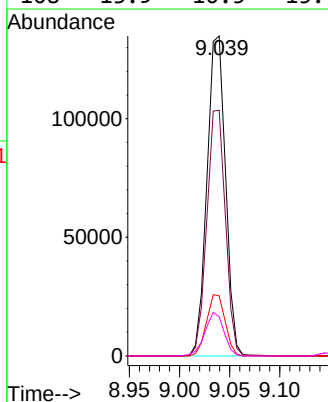
Ion Ratio Lower Upper

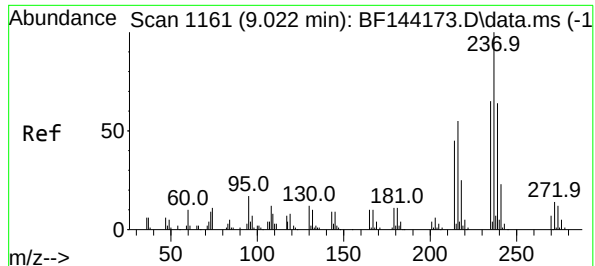
216 100

214 76.8 63.4 95.2

179 19.1 15.0 22.4

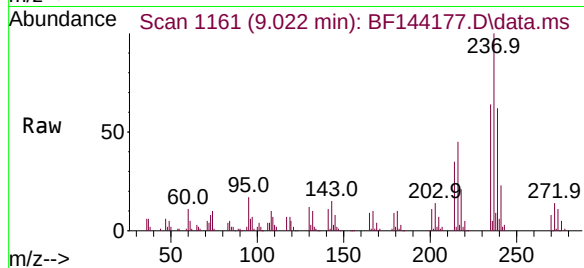
108 13.9 10.5 15.7





#41
Hexachlorocyclopentadiene
Concen: 46.350 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

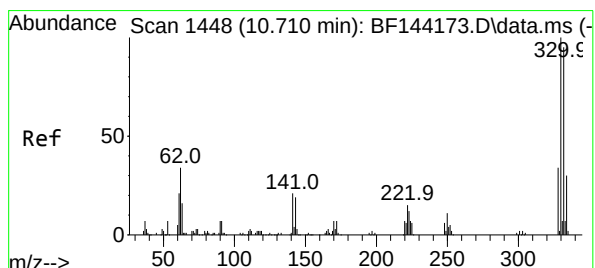
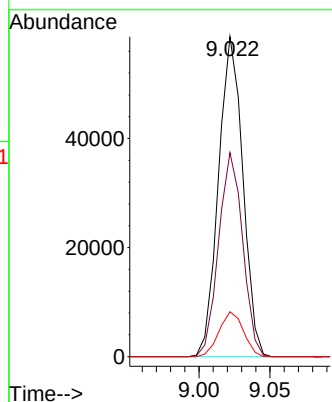
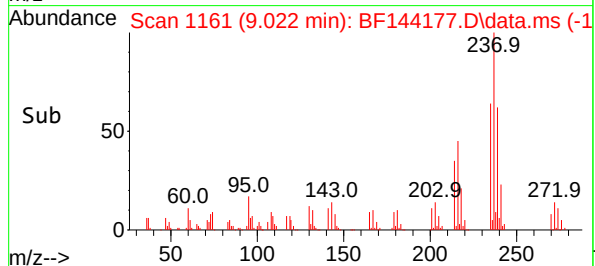
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



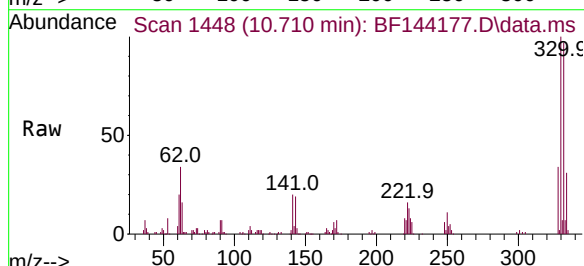
Tgt Ion:237 Resp: 6998
Ion Ratio Lower Upper
237 100
235 63.7 45.5 85.5
272 14.0 0.0 33.5

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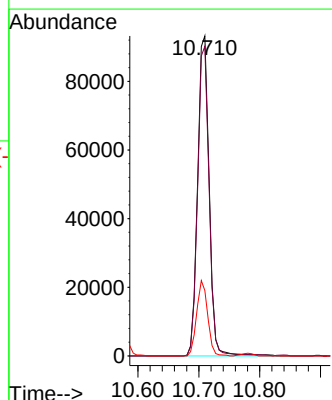
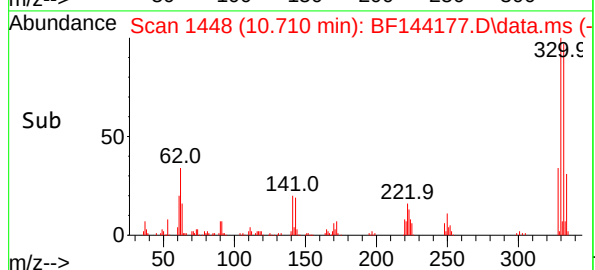
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

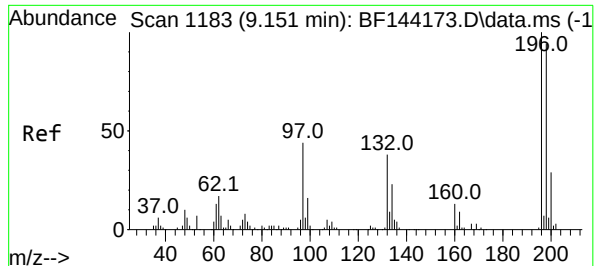


#42
2,4,6-Tribromophenol
Concen: 67.987 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:330 Resp: 122691
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 22.4 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 35.357 ng

RT: 9.151 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:196 Resp: 113418

Ion Ratio Lower Upper

196 100

198 93.2 75.3 112.9

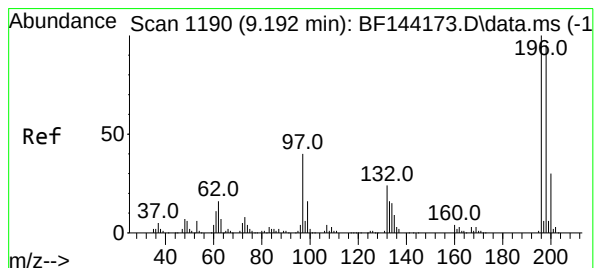
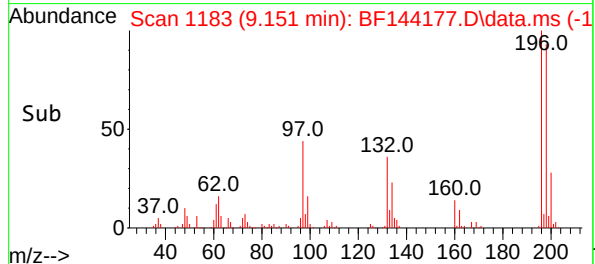
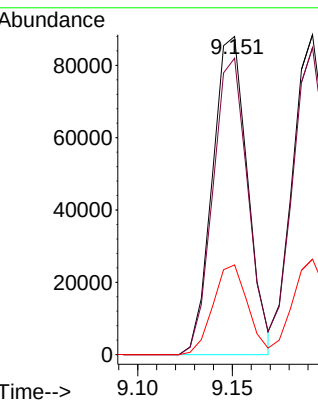
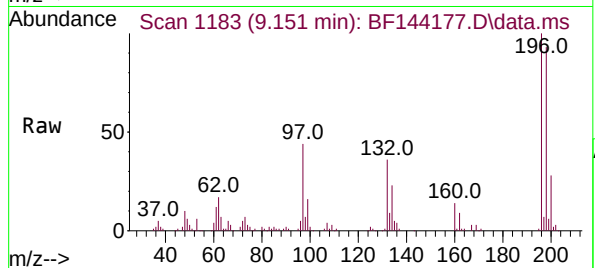
200 28.2 23.4 35.2

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#44

2,4,5-Trichlorophenol

Concen: 35.179 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Tgt Ion:196 Resp: 121621

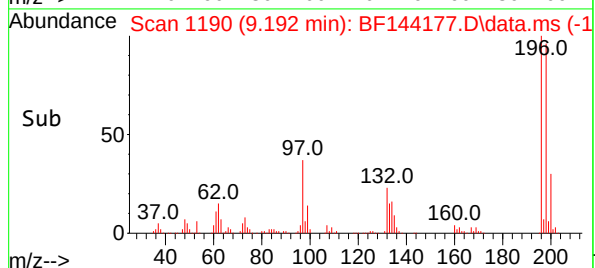
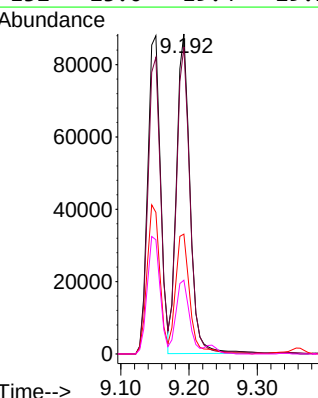
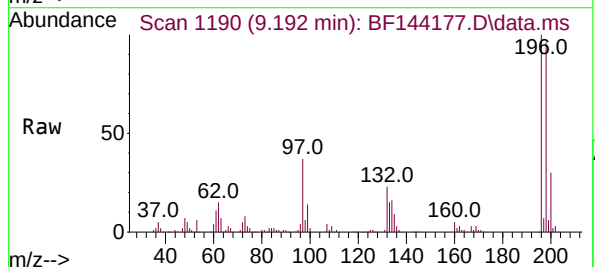
Ion Ratio Lower Upper

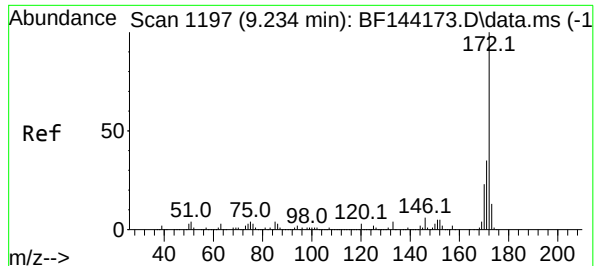
196 100

198 95.9 76.1 114.1

97 37.4 31.9 47.9

132 23.0 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 69.741 ng

RT: 9.234 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:172 Resp: 679055

Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

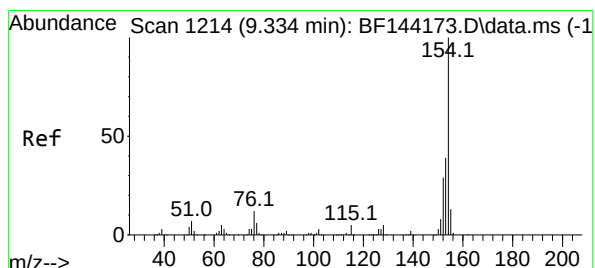
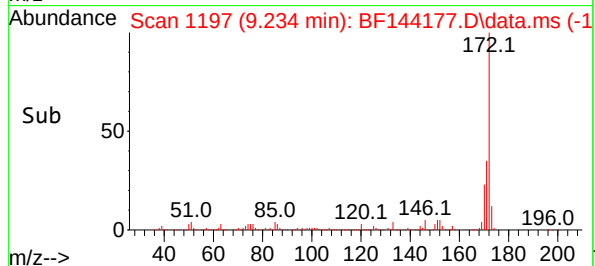
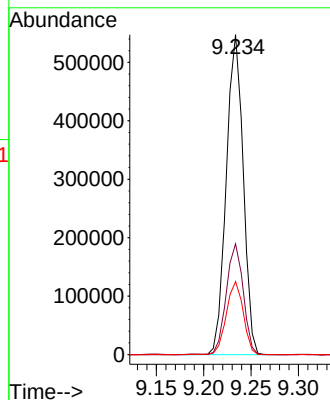
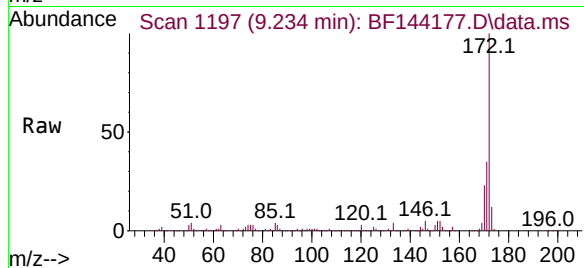
170 22.8 18.6 28.0

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#46

1,1'-Biphenyl

Concen: 36.526 ng

RT: 9.334 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

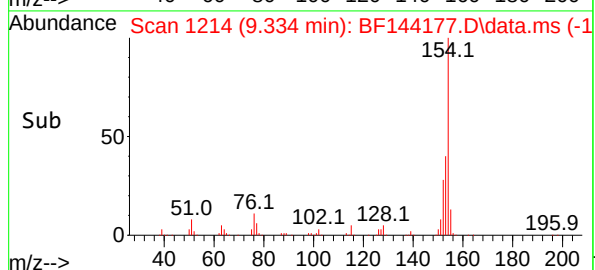
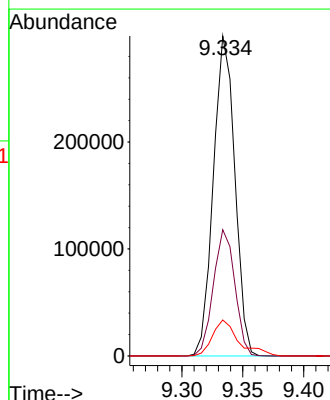
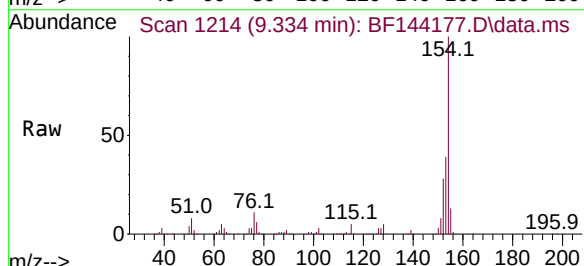
Tgt Ion:154 Resp: 366655

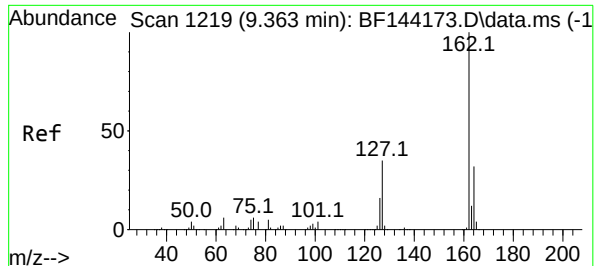
Ion Ratio Lower Upper

154 100

153 39.5 19.2 59.2

76 11.2 0.0 31.8





#47

2-Chloronaphthalene

Concen: 35.092 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:162 Resp: 30048

Ion Ratio Lower Upper

162 100

127 35.5 28.8 43.2

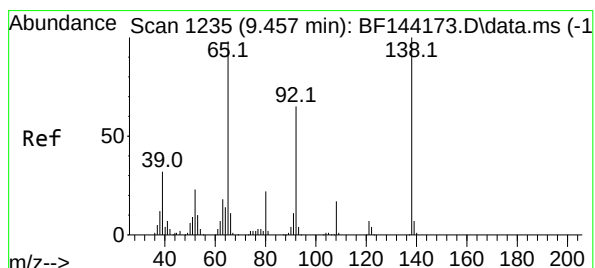
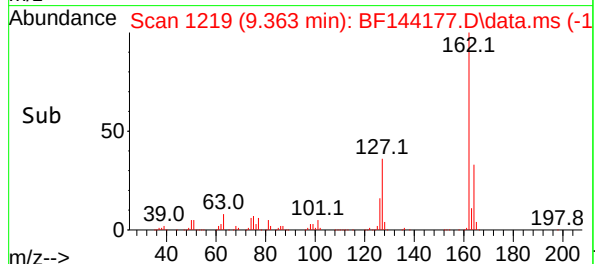
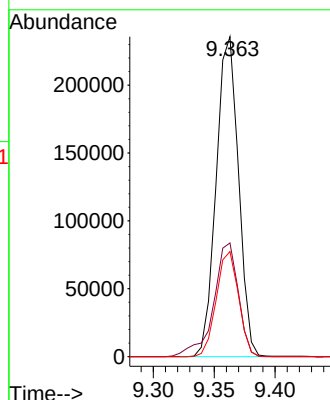
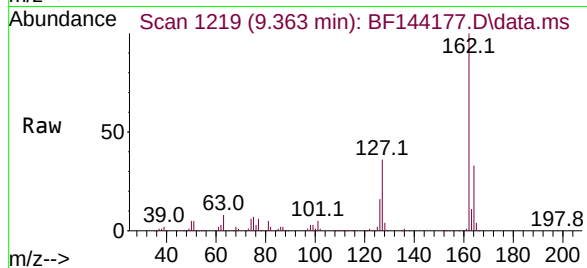
164 32.8 25.8 38.8

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Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#48

2-Nitroaniline

Concen: 35.641 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

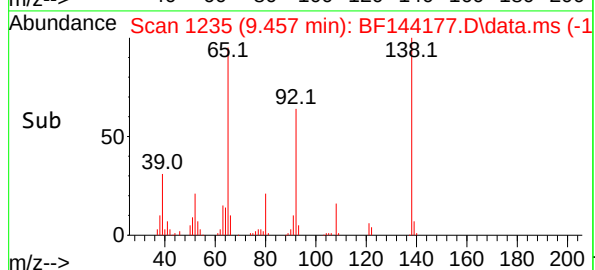
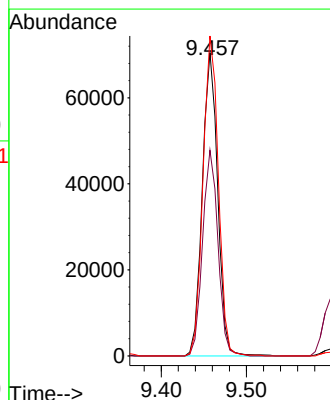
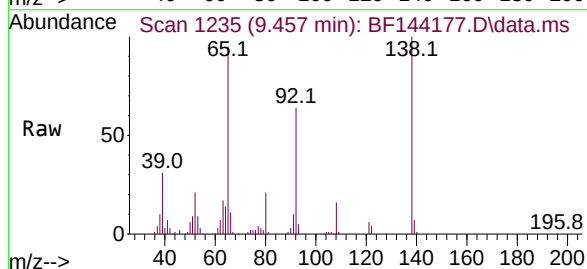
Tgt Ion: 65 Resp: 88055

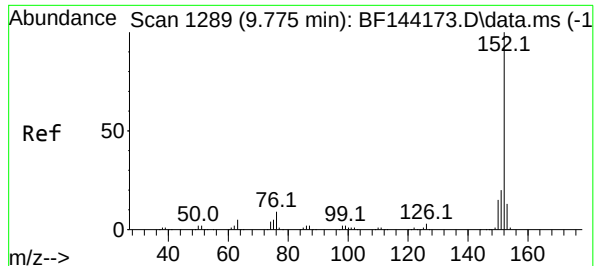
Ion Ratio Lower Upper

65 100

92 67.8 53.0 79.6

138 105.5 81.6 122.4





#49

Acenaphthylene

Concen: 39.818 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:152 Resp: 464616

Ion Ratio Lower Upper

152 100

151 19.3 15.9 23.9

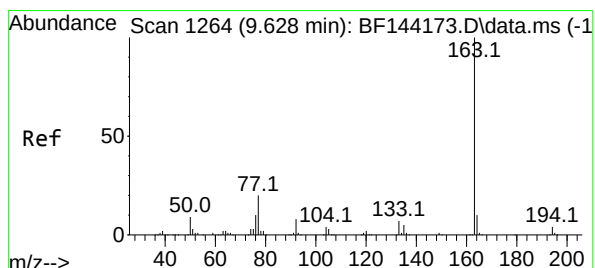
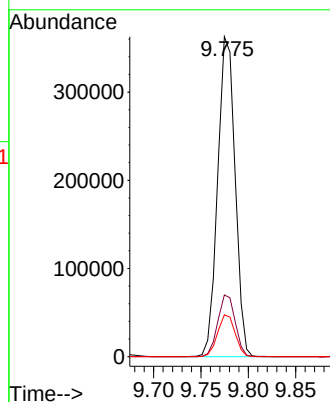
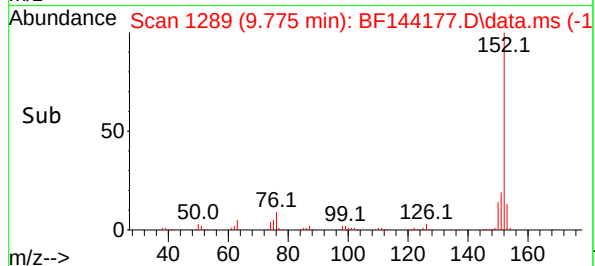
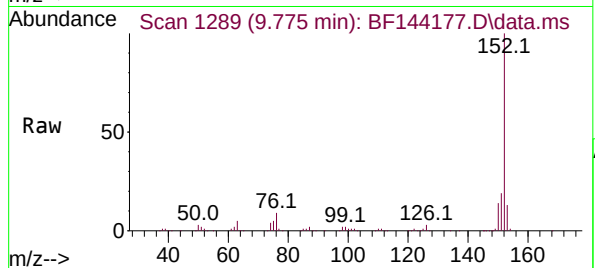
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#50

Dimethylphthalate

Concen: 35.076 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

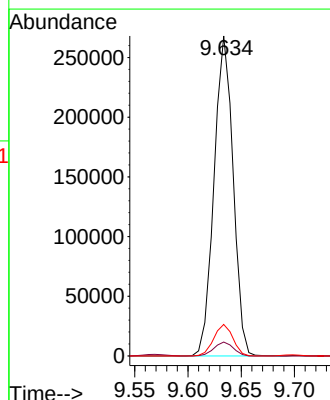
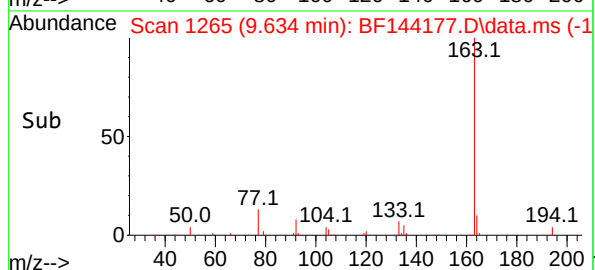
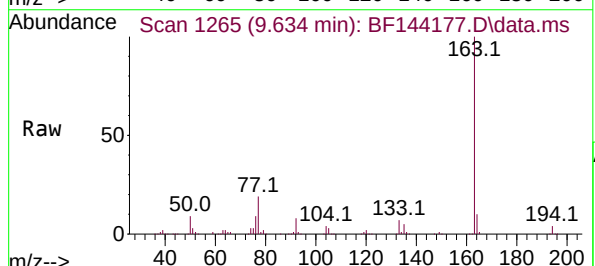
Tgt Ion:163 Resp: 334163

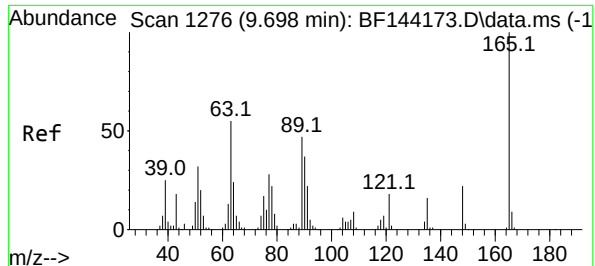
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 36.758 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

Client Sample Id :

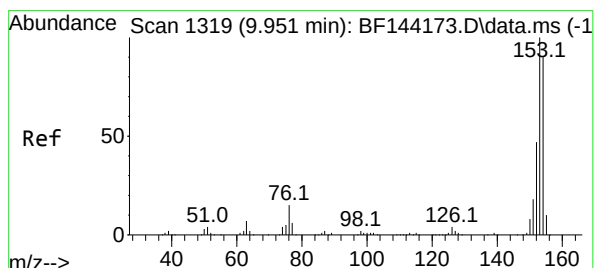
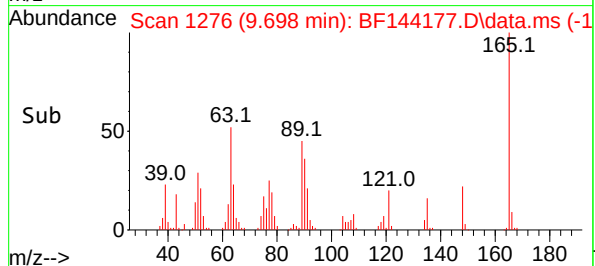
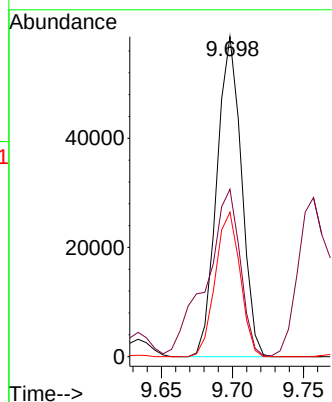
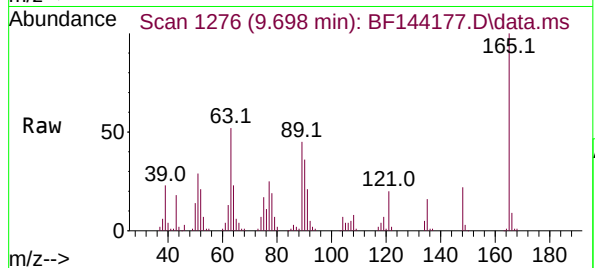
ICVBF110525

Tgt Ion:165 Resp: 70890
Ion Ratio Lower Upper
165 100
63 52.3 43.8 65.8
89 45.1 37.5 56.3

Manual Integrations

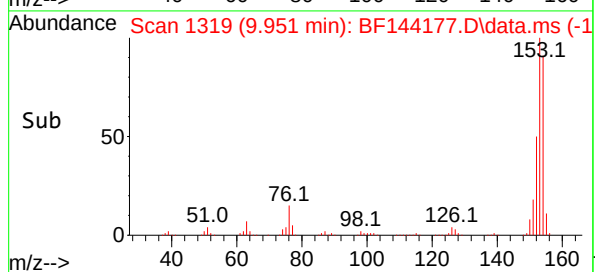
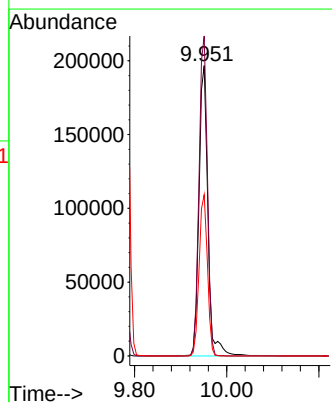
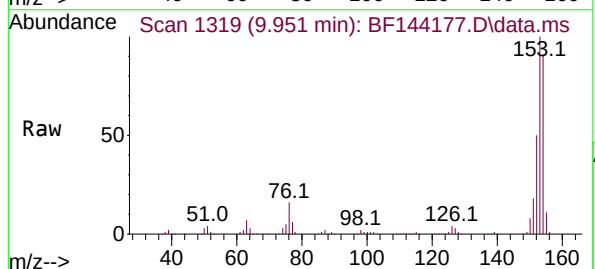
APPROVED

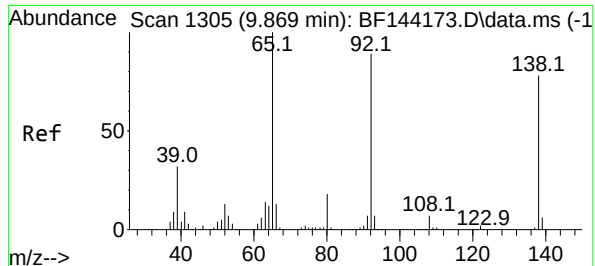
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#52
Acenaphthene
Concen: 33.702 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:154 Resp: 262974
Ion Ratio Lower Upper
154 100
153 110.2 89.0 133.4
152 55.5 42.2 63.4





#53

3-Nitroaniline

Concen: 35.372 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

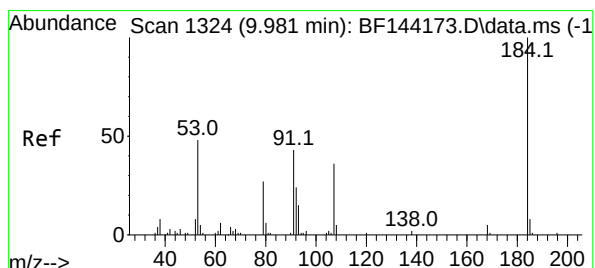
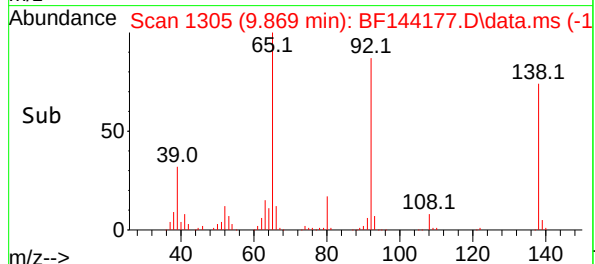
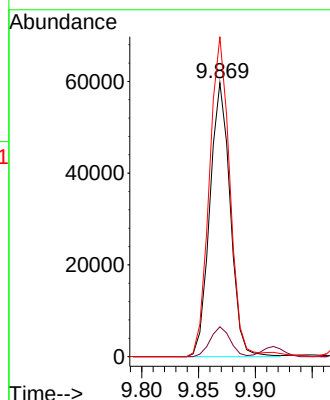
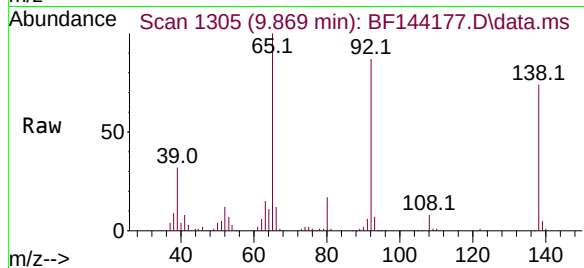
Tgt Ion:138	Resp:	74572
Ion Ratio	Lower	Upper
138	100	
108	10.9	7.5 11.3
92	116.8	91.8 137.6

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/06/2025



#54

2,4-Dinitrophenol

Concen: 28.732 ng

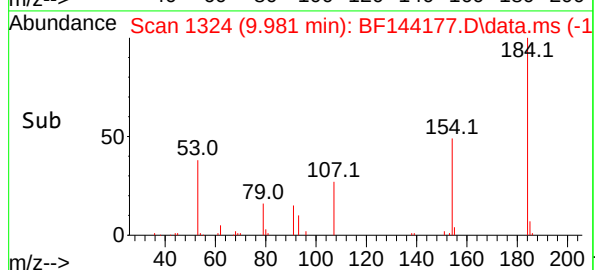
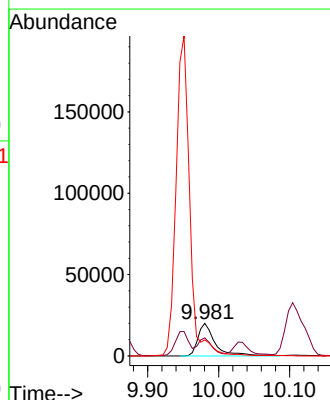
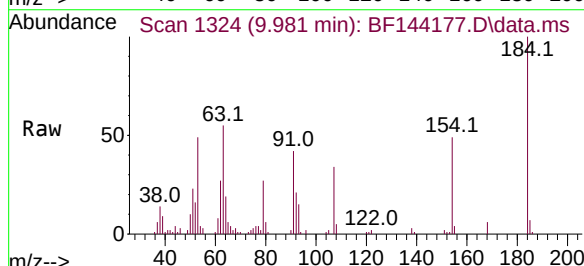
RT: 9.981 min Scan# 1324

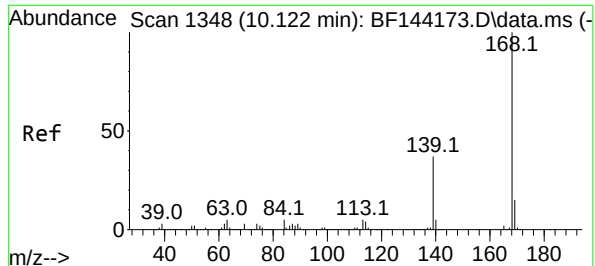
Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

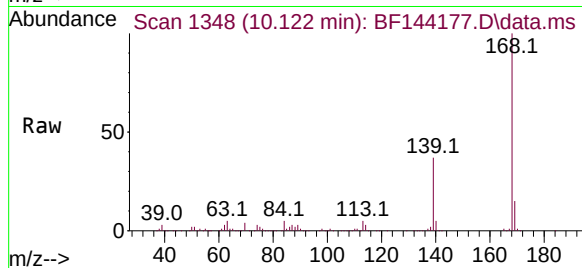
Tgt Ion:184	Resp:	33460
Ion Ratio	Lower	Upper
184	100	
63	55.3	44.0 66.0
154	48.9	42.4 63.6





#55
Dibenzenofuran
Concen: 35.602 ng
RT: 10.122 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

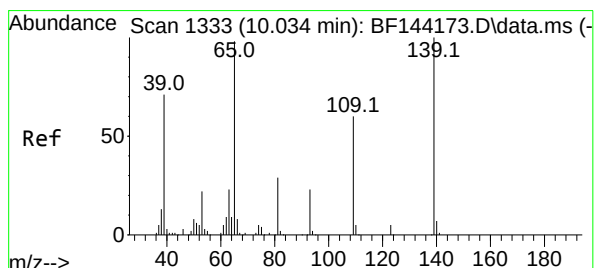
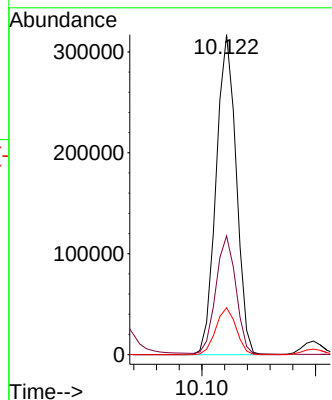
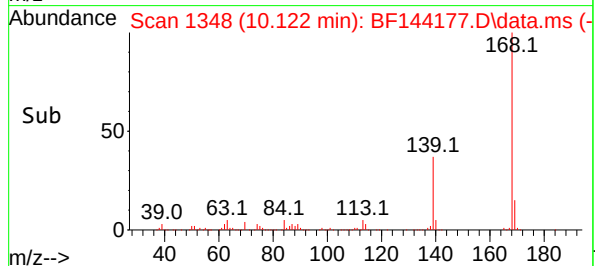
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:168 Resp: 389072
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.2
169 14.6 12.2 18.4

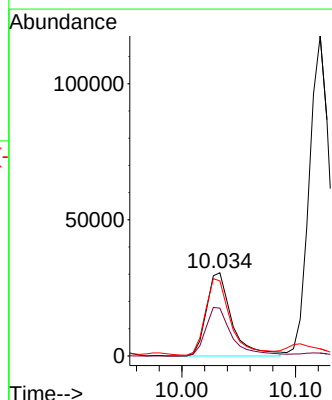
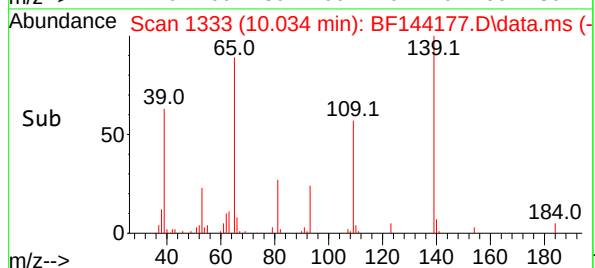
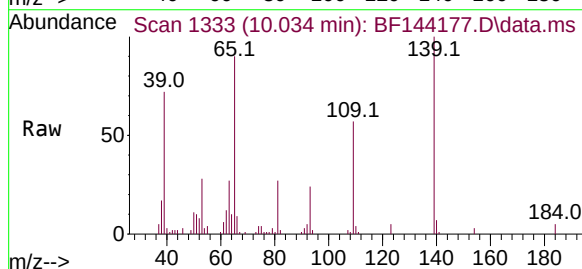
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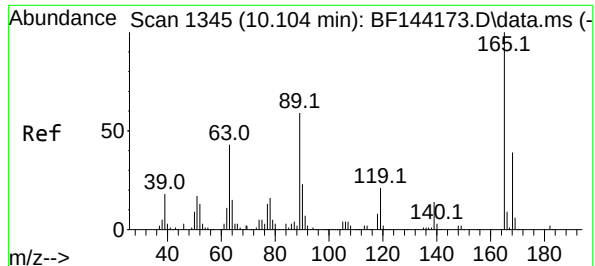
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#56
4-Nitrophenol
Concen: 30.929 ng
RT: 10.034 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

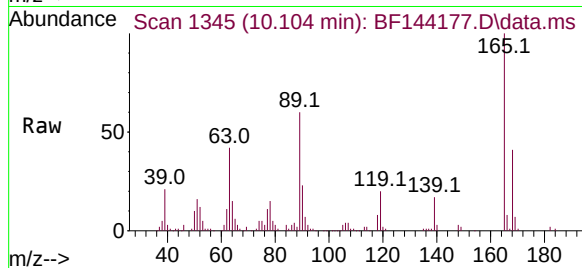
Tgt Ion:139 Resp: 47167
Ion Ratio Lower Upper
139 100
109 57.5 39.9 79.9
65 90.2 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 35.994 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

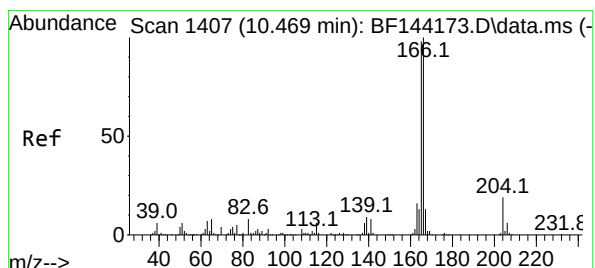
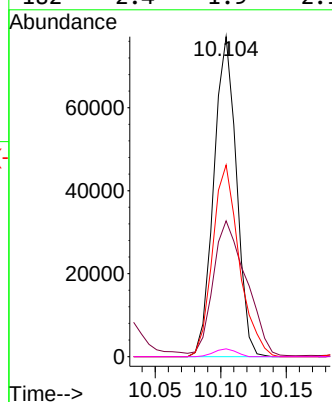
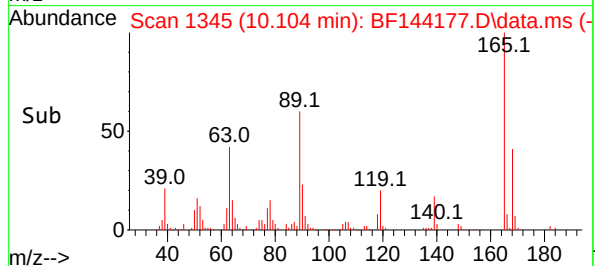
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



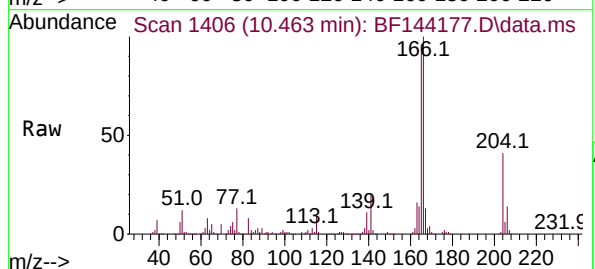
Tgt Ion:165 Resp: 92928
Ion Ratio Lower Upper
165 100
63 42.4 35.5 53.3
89 59.9 47.4 71.2
182 2.4 1.9 2.9

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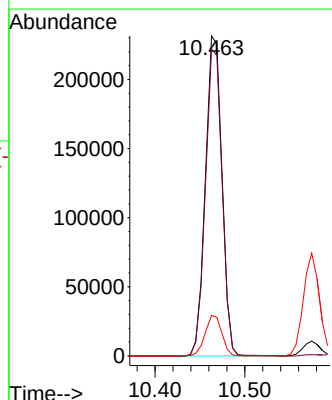
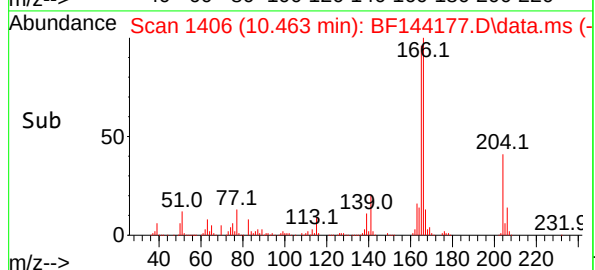
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

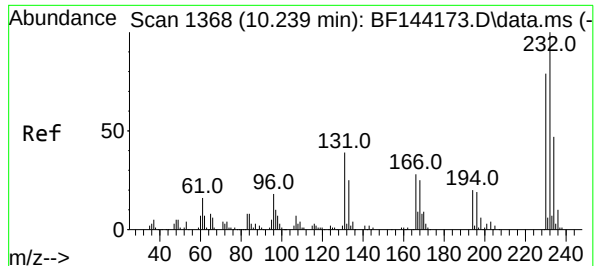


#58
Fluorene
Concen: 35.903 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



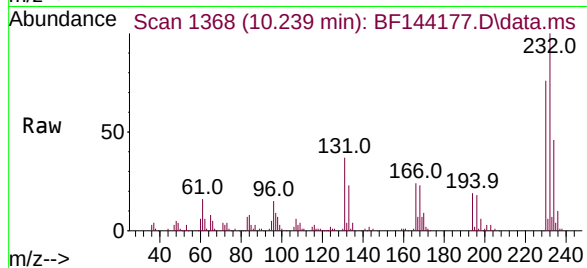
Tgt Ion:166 Resp: 298316
Ion Ratio Lower Upper
166 100
165 95.9 78.6 118.0
167 12.6 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.425 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

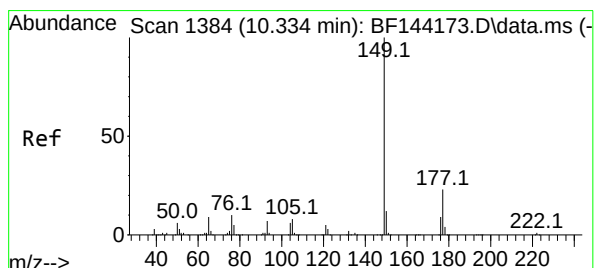
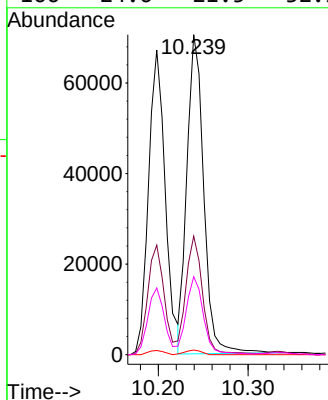
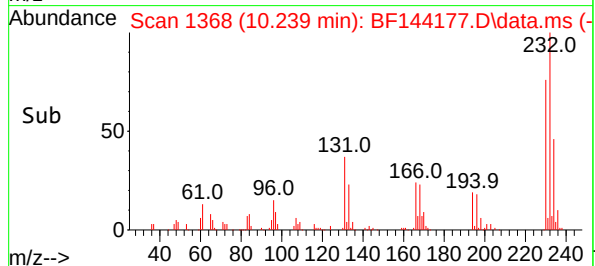
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



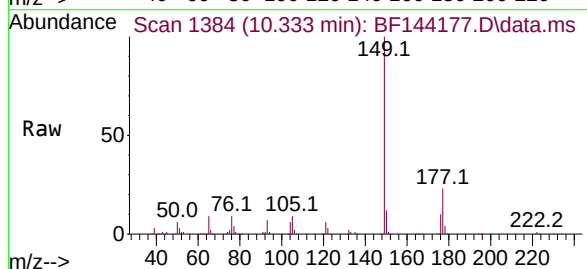
Tgt Ion:232 Resp: 91542
Ion Ratio Lower Upper
232 100
131 37.7 30.3 45.5
130 1.4 1.2 1.8
166 24.6 21.5 32.3

Manual Integrations
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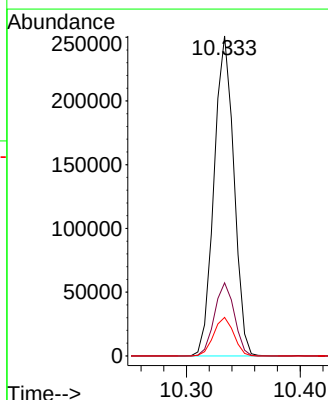
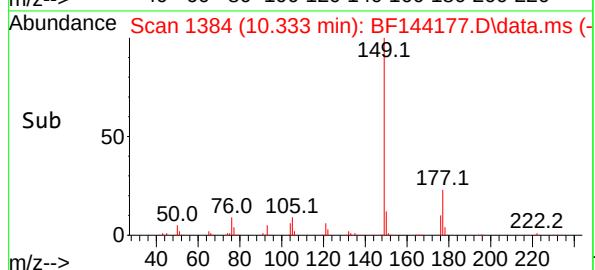
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

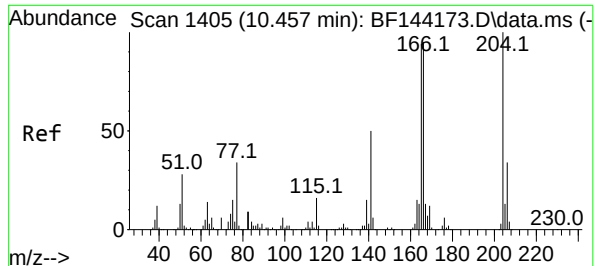


#60
Diethylphthalate
Concen: 34.646 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



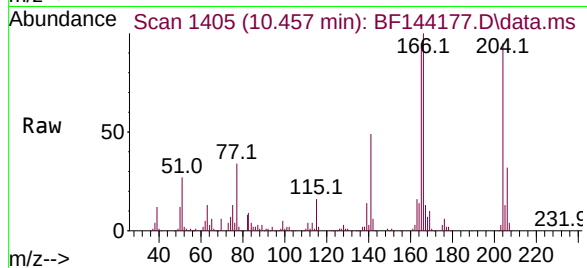
Tgt Ion:149 Resp: 304274
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.0 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 35.002 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

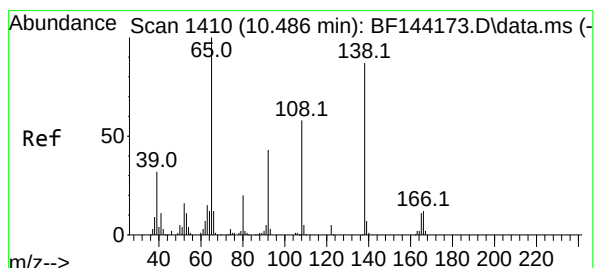
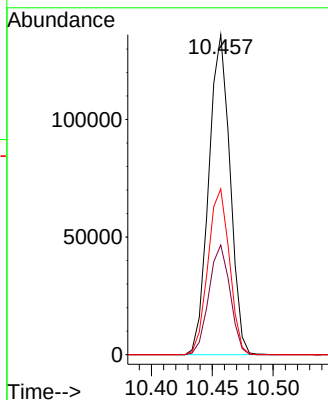
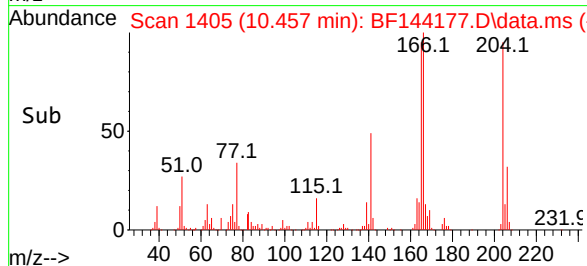
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:204 Resp: 165662
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 51.8 40.0 60.0

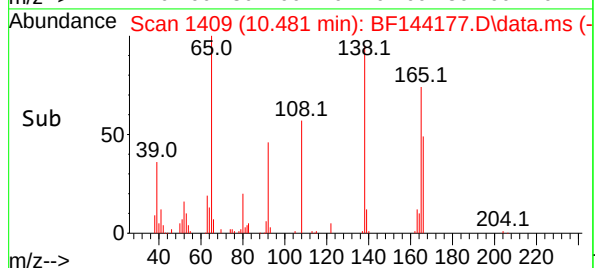
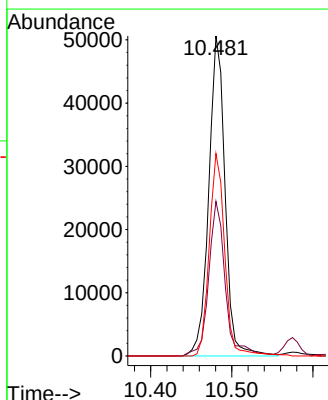
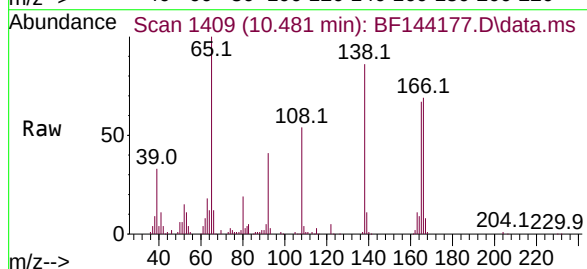
Manual Integrations
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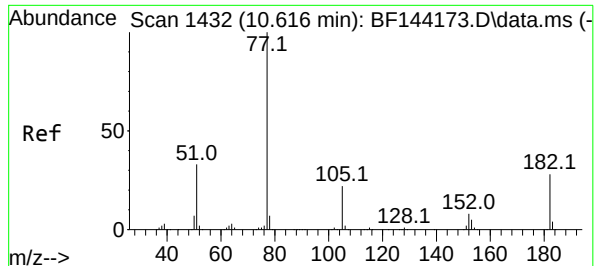
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#62
4-Nitroaniline
Concen: 35.278 ng
RT: 10.481 min Scan# 1409
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

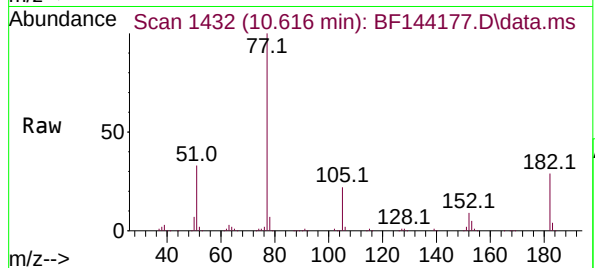
Tgt Ion:138 Resp: 70828
Ion Ratio Lower Upper
138 100
92 48.3 29.4 69.4
108 63.2 46.4 86.4





#63
Azobenzene
Concen: 35.958 ng
RT: 10.616 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

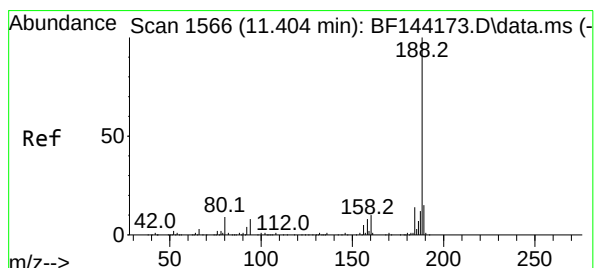
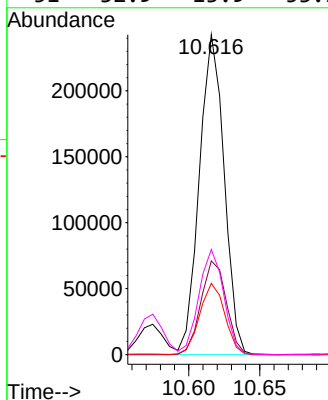
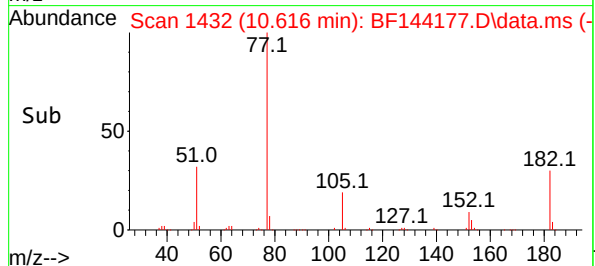
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion: 77 Resp: 293901
Ion Ratio Lower Upper
77 100
182 29.3 8.1 48.1
105 22.3 2.0 42.0
51 32.9 13.9 53.9

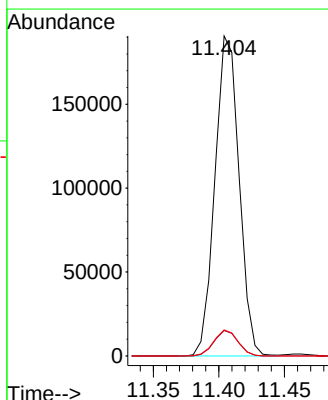
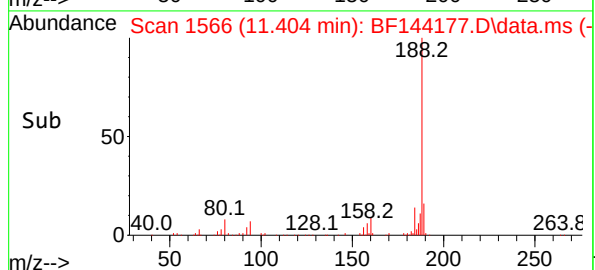
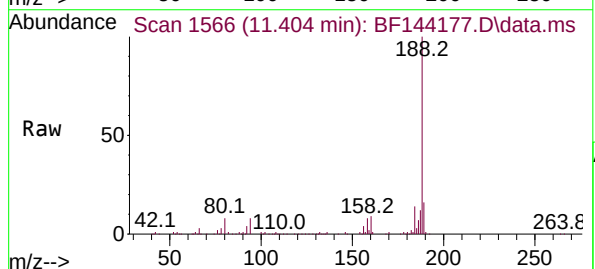
Manual Integrations
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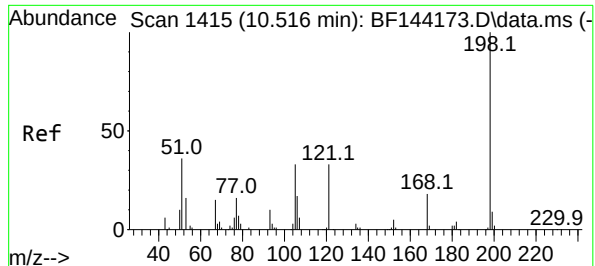
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

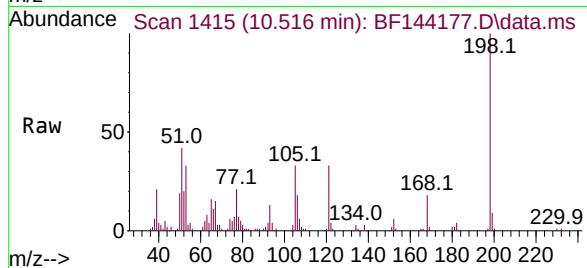
Tgt Ion:188 Resp: 244964
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.2
80 8.1 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 31.346 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

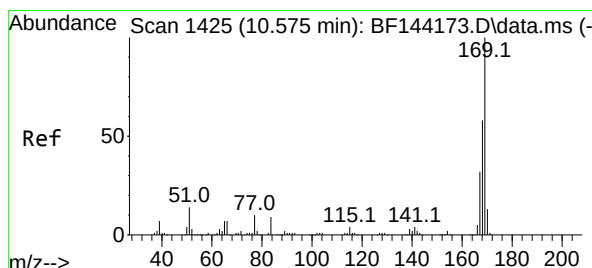
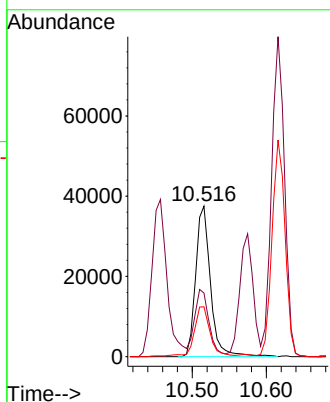
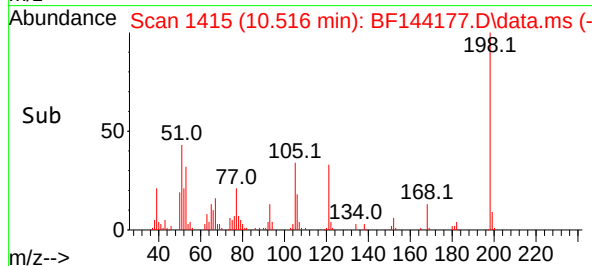
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:198 Resp: 52164
Ion Ratio Lower Upper
198 100
51 42.3 25.6 65.6
105 33.1 14.6 54.6

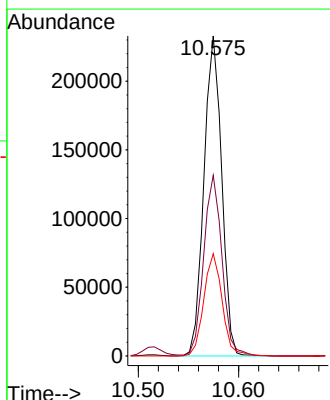
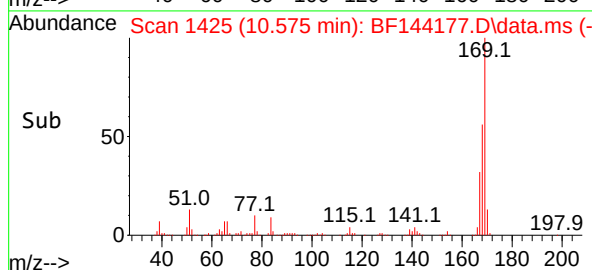
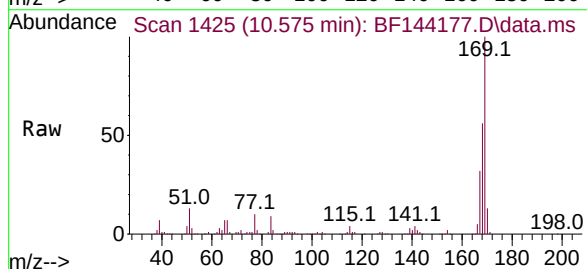
Manual Integrations
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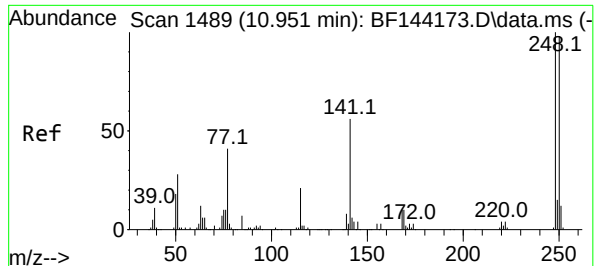
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#66
n-Nitrosodiphenylamine
Concen: 36.292 ng
RT: 10.575 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

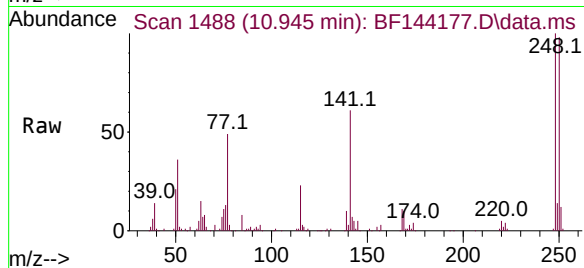
Tgt Ion:169 Resp: 285930
Ion Ratio Lower Upper
169 100
168 56.4 46.2 69.2
167 31.9 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 34.135 ng
RT: 10.945 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

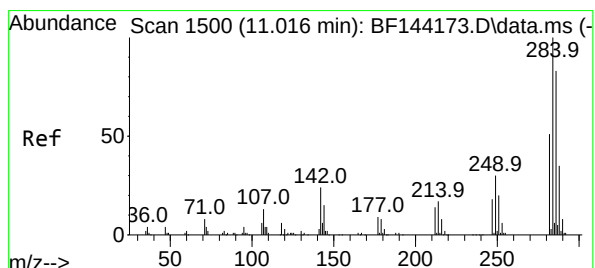
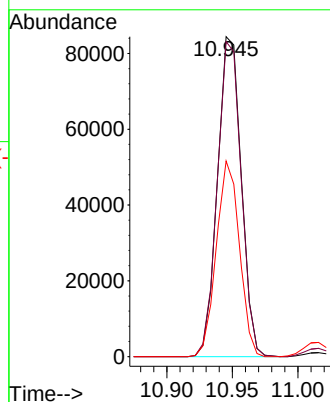
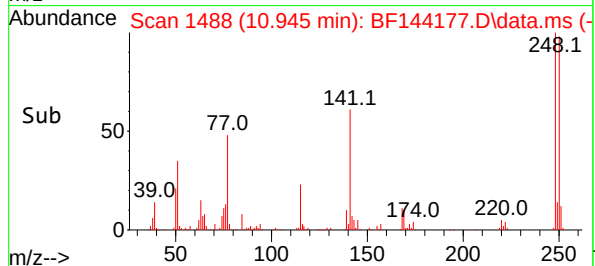
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



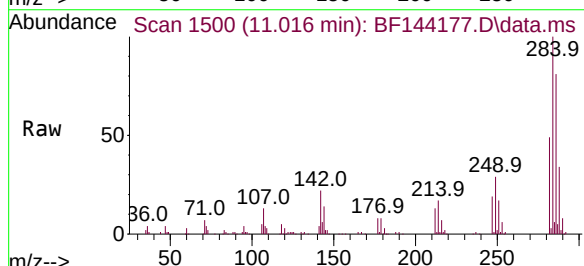
Tgt Ion:248 Resp: 106730
Ion Ratio Lower Upper
248 100
250 98.4 78.4 117.6
141 61.1 45.1 67.7

Manual Integrations
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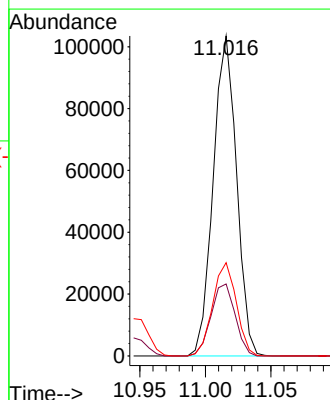
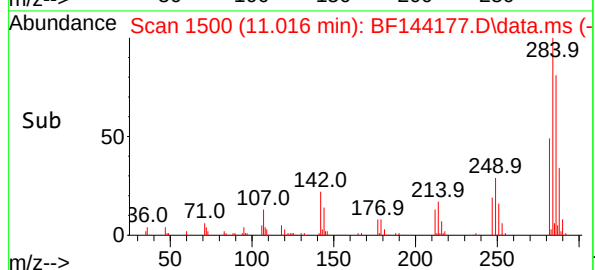
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

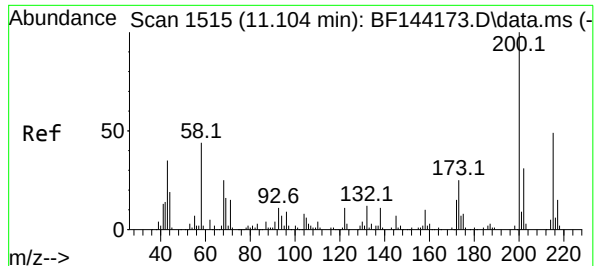


#68
Hexachlorobenzene
Concen: 34.810 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:284 Resp: 128202
Ion Ratio Lower Upper
284 100
142 22.5 19.2 28.8
249 29.1 23.8 35.8





#69

Atrazine

Concen: 36.790 ng

RT: 11.098 min Scan# 1514

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:200 Resp: 92182

Ion Ratio Lower Upper

200 100

173 27.7 5.0 45.0

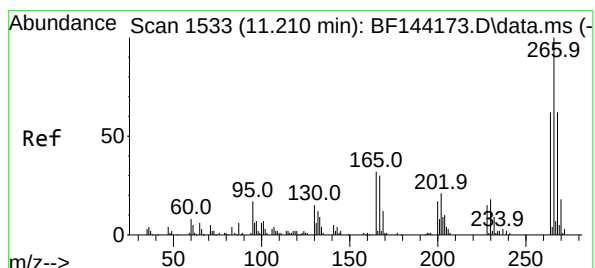
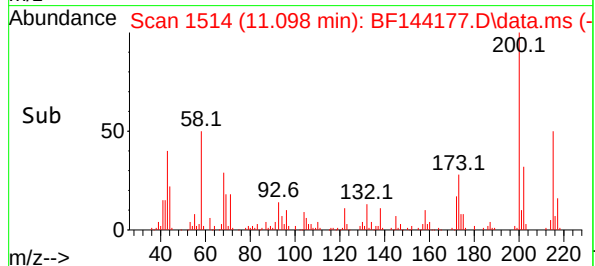
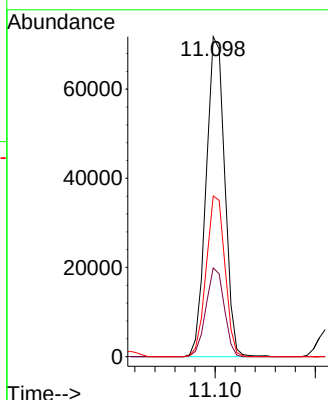
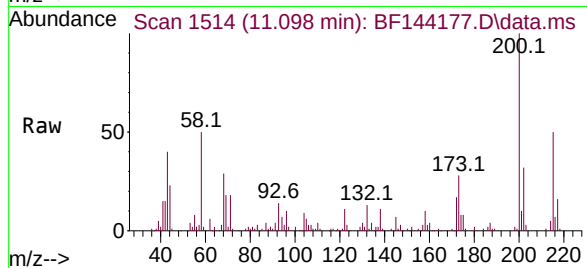
215 50.2 28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#70

Pentachlorophenol

Concen: 32.706 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

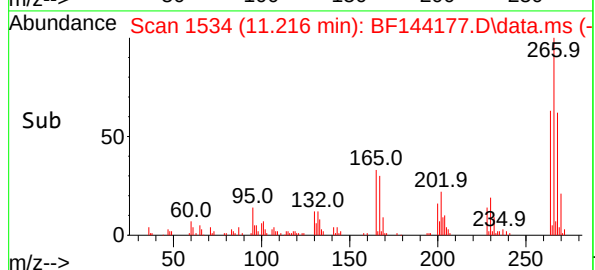
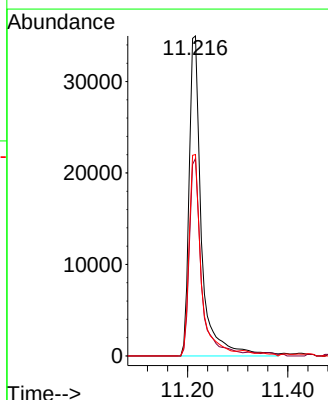
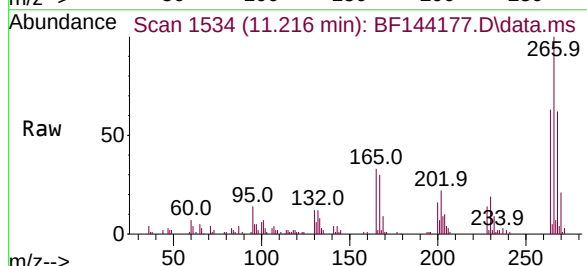
Tgt Ion:266 Resp: 59981

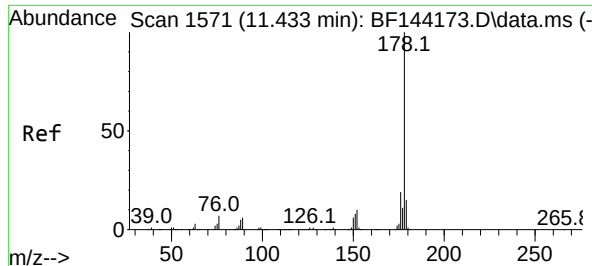
Ion Ratio Lower Upper

266 100

268 61.7 49.5 74.3

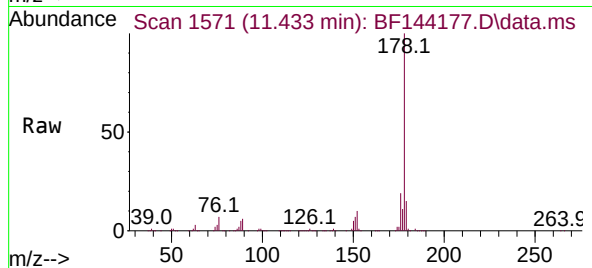
264 62.9 49.4 74.2





#71
Phenanthrene
Concen: 35.049 ng
RT: 11.433 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

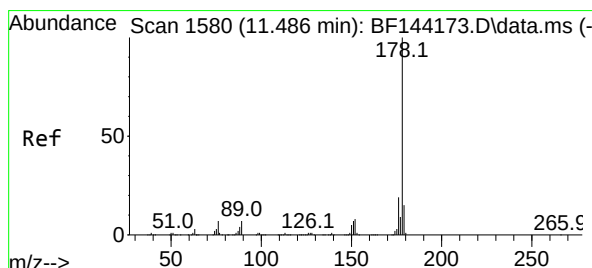
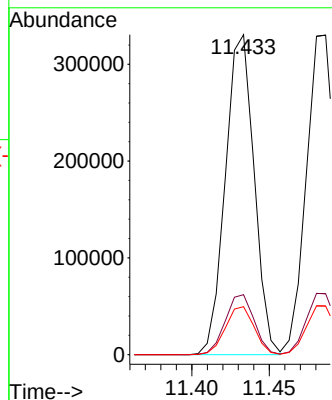
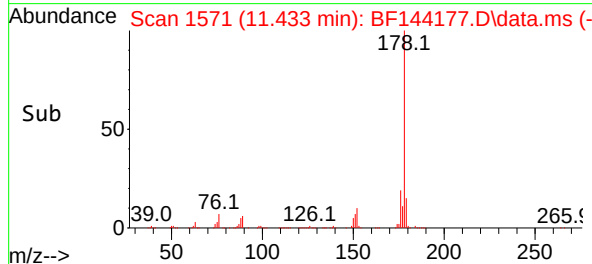
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:178 Resp: 427466
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.0 12.2 18.4

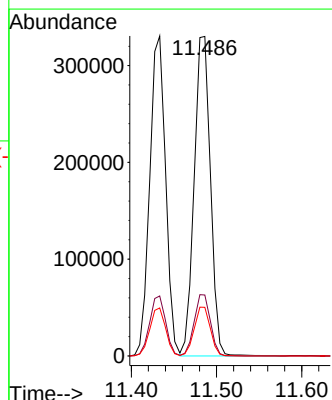
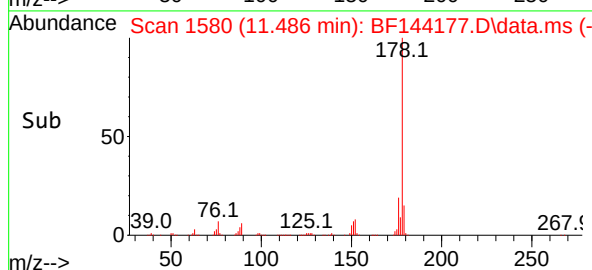
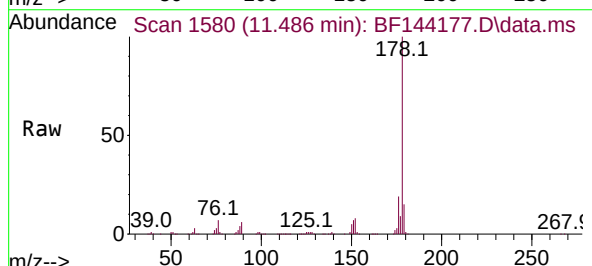
Manual Integrations
APPROVED

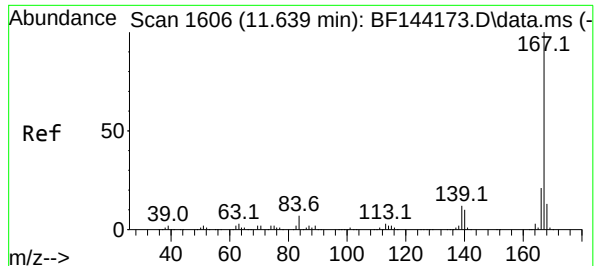
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#72
Anthracene
Concen: 35.286 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

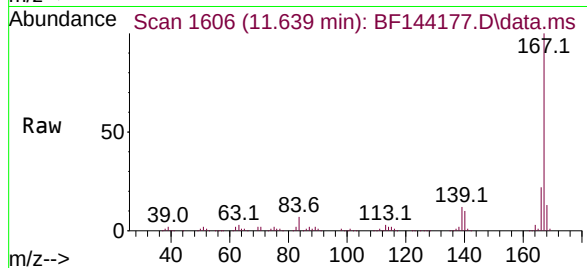
Tgt Ion:178 Resp: 437609
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.0 18.0





#73
Carbazole
Concen: 34.224 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

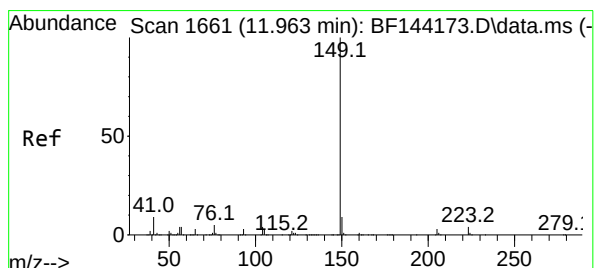
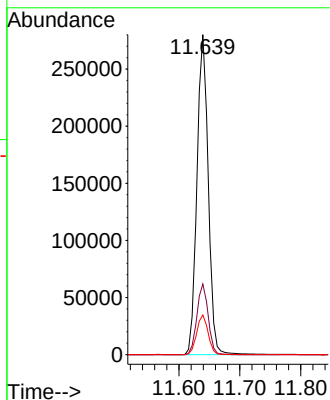
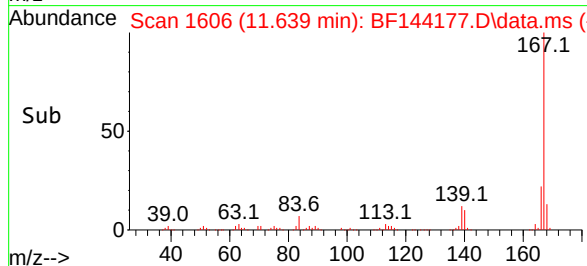
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



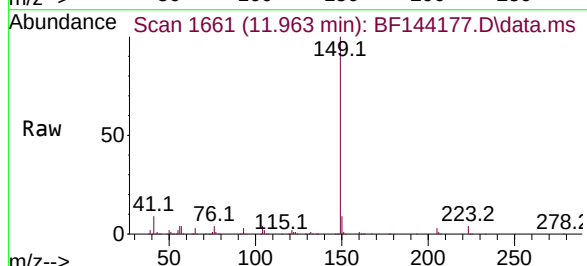
Tgt Ion:167 Resp: 360909
Ion Ratio Lower Upper
167 100
166 22.1 17.2 25.8
139 12.4 9.9 14.9

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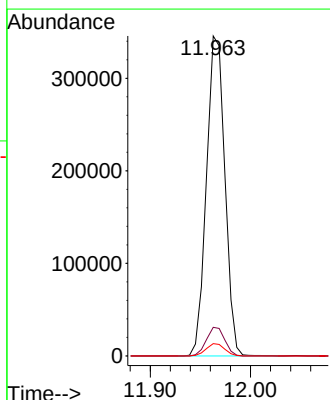
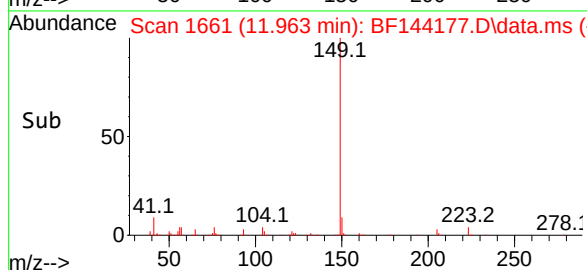
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025

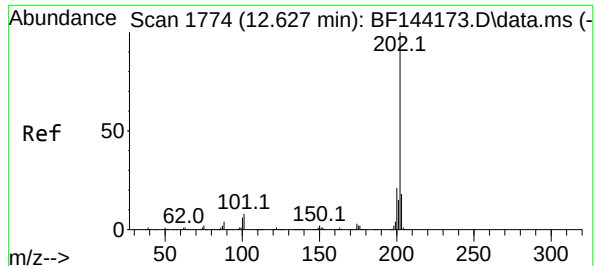


#74
Di-n-butylphthalate
Concen: 34.535 ng
RT: 11.963 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



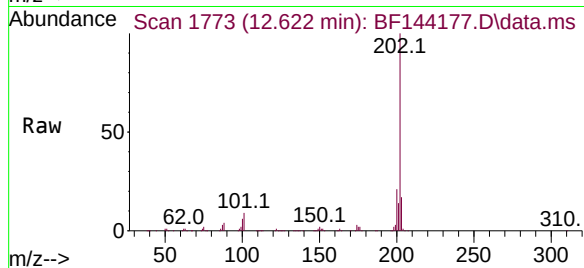
Tgt Ion:149 Resp: 440261
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 3.8 3.4 5.2





#75
Fluoranthene
Concen: 34.338 ng
RT: 12.622 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

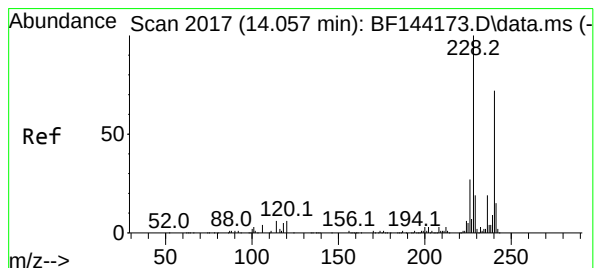
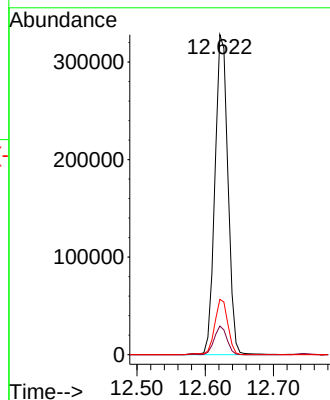
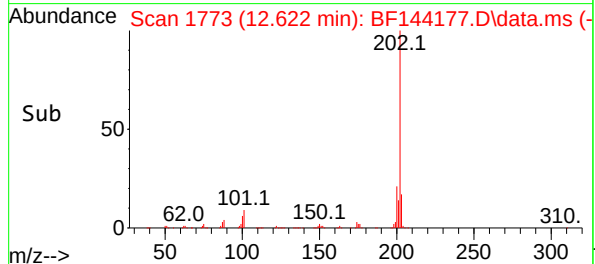
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:202 Resp: 432624
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.3 0.0 37.5

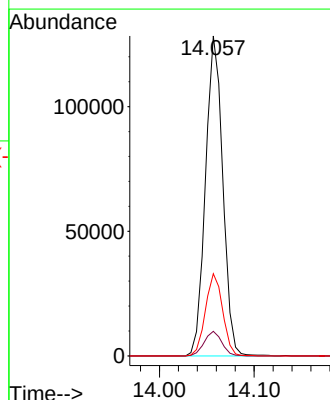
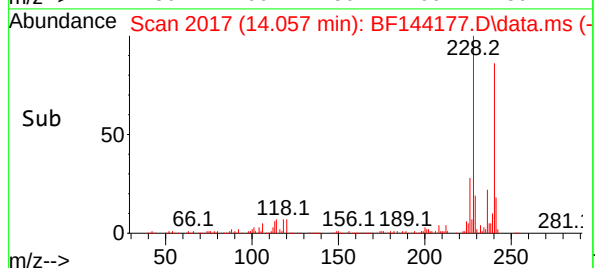
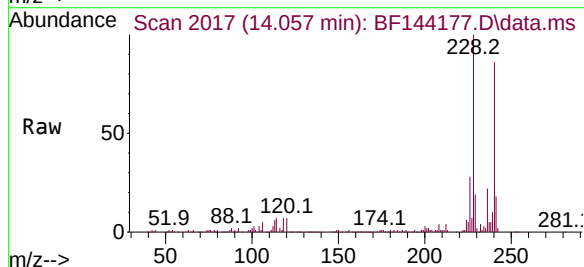
Manual Integrations
APPROVED

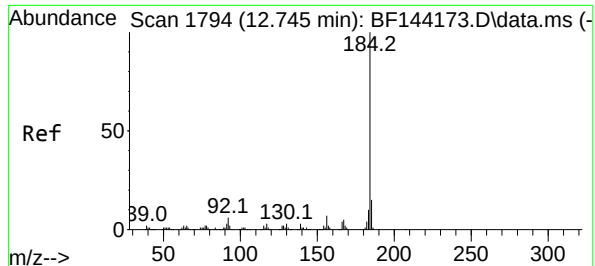
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

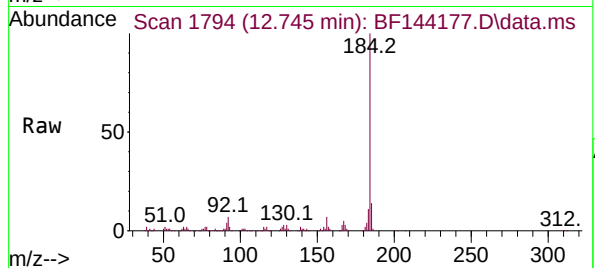
Tgt Ion:240 Resp: 162721
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 25.7 21.4 32.2





#77
Benzidine
Concen: 45.165 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

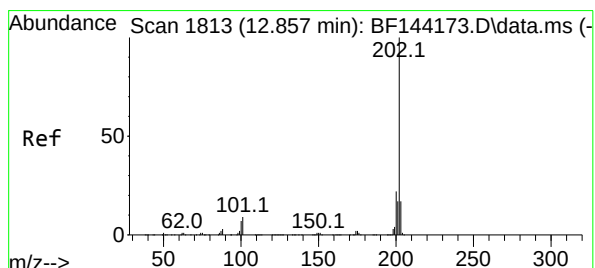
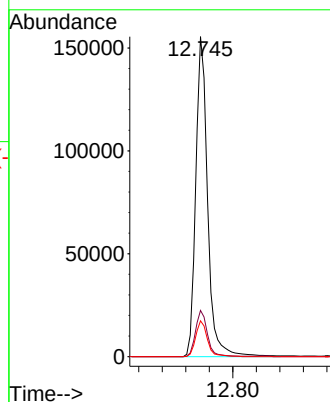
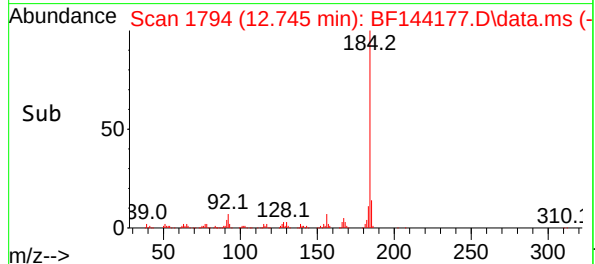
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:184 Resp: 217389
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.2 8.3 12.5

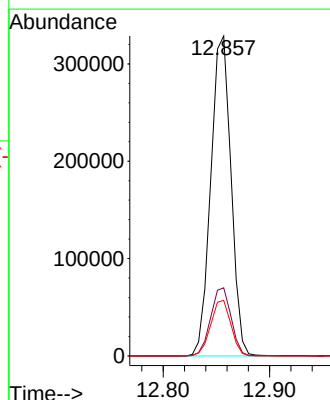
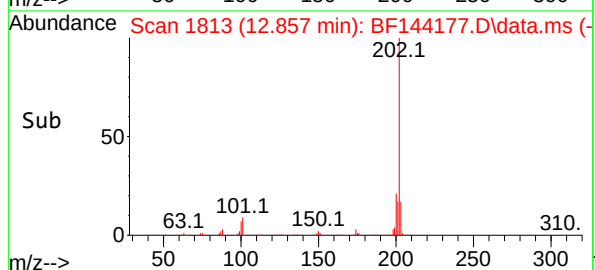
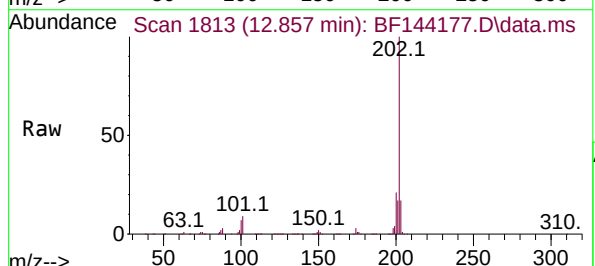
Manual Integrations
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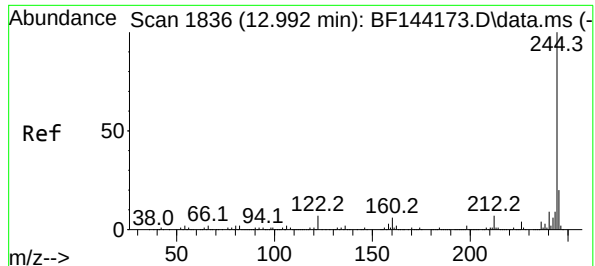
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#78
Pyrene
Concen: 33.011 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

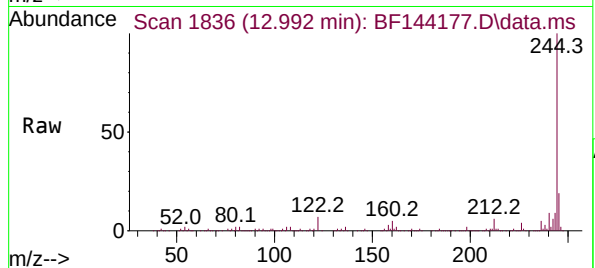
Tgt Ion:202 Resp: 433110
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.3 13.7 20.5





#79
Terphenyl-d14
Concen: 67.318 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

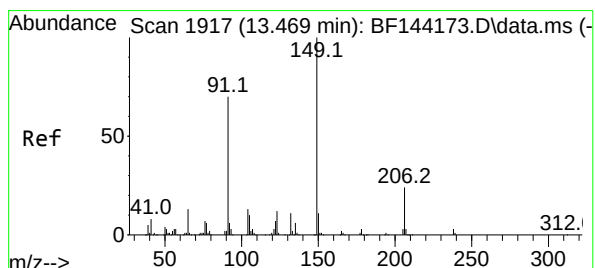
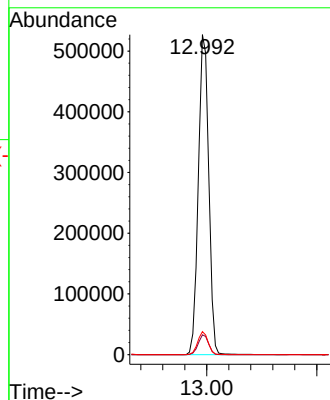
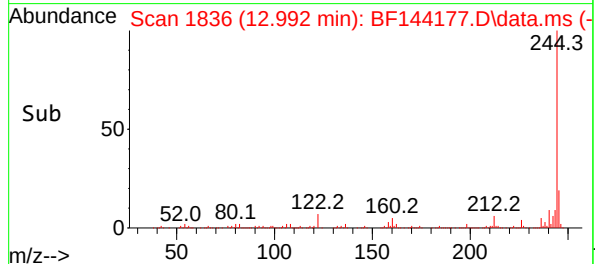
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:244 Resp: 689624
Ion Ratio Lower Upper
244 100
212 6.2 5.3 7.9
122 7.2 5.6 8.4

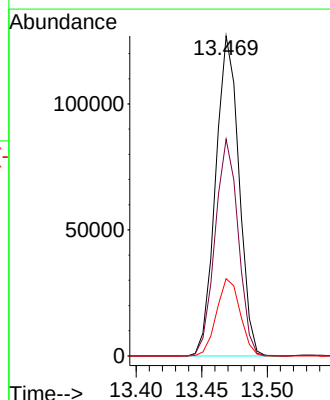
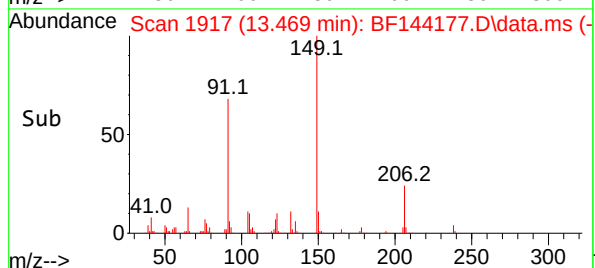
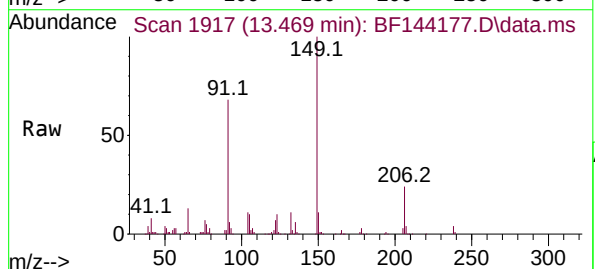
Manual Integrations
APPROVED

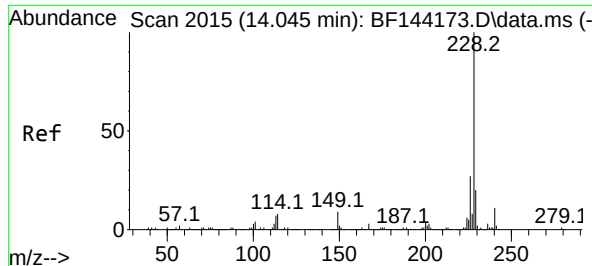
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#80
Butylbenzylphthalate
Concen: 34.633 ng
RT: 13.469 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:149 Resp: 157485
Ion Ratio Lower Upper
149 100
91 67.7 56.1 84.1
206 24.1 18.8 28.2





#81

Benzo(a)anthracene

Concen: 33.489 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144177.D

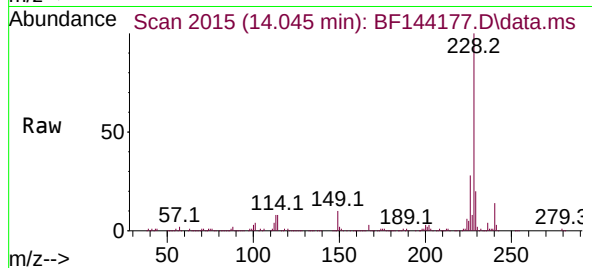
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



Tgt Ion:228 Resp: 377686

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

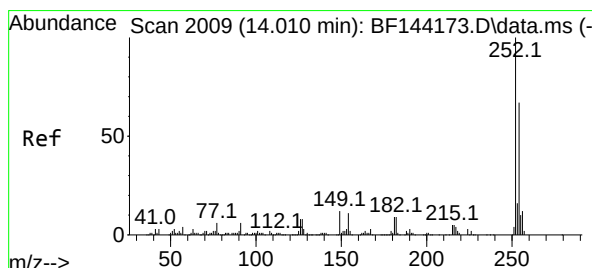
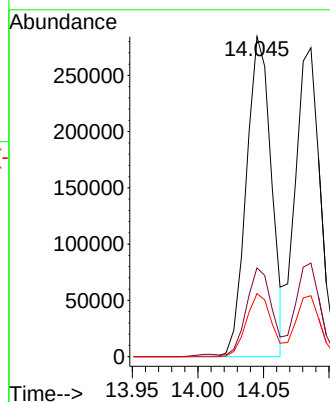
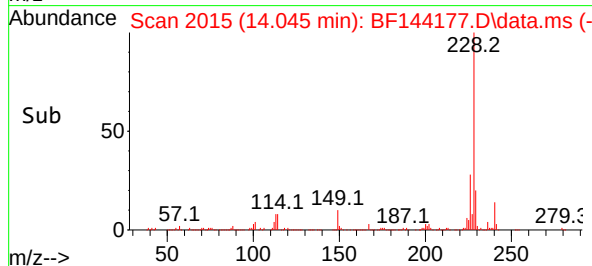
229 19.7 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#82

3,3'-Dichlorobenzidine

Concen: 39.612 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

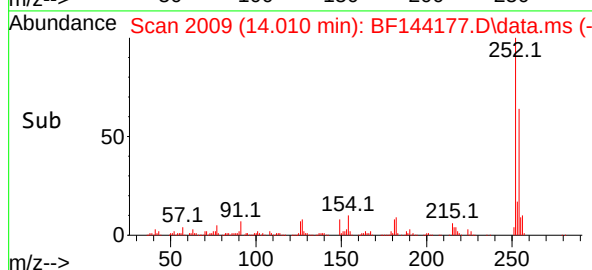
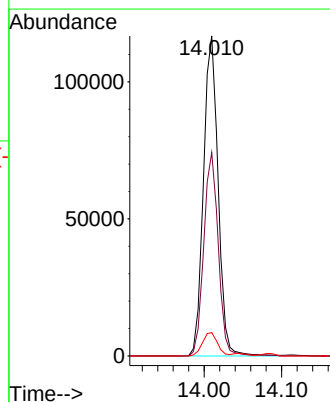
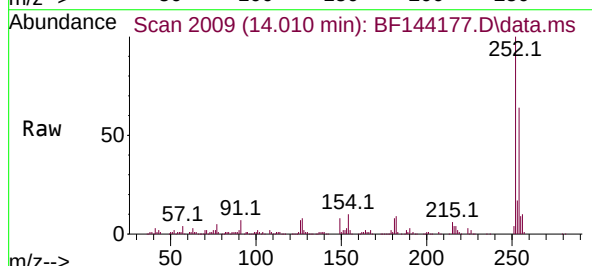
Tgt Ion:252 Resp: 153129

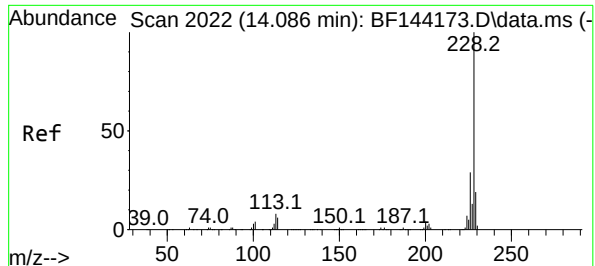
Ion Ratio Lower Upper

252 100

254 63.6 53.5 80.3

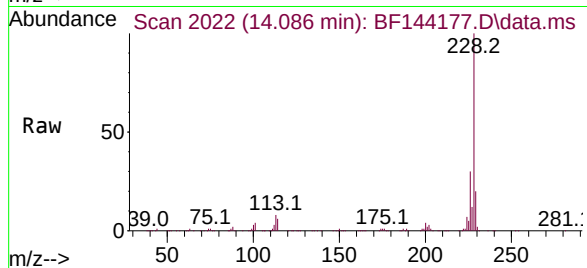
126 7.3 6.4 9.6





#83
Chrysene
Concen: 34.559 ng
RT: 14.086 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

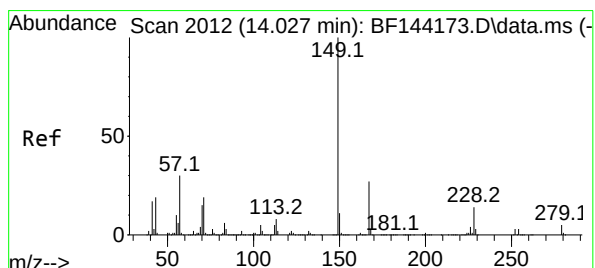
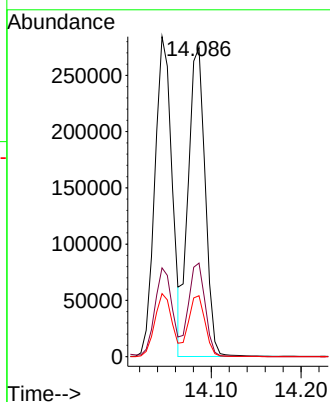
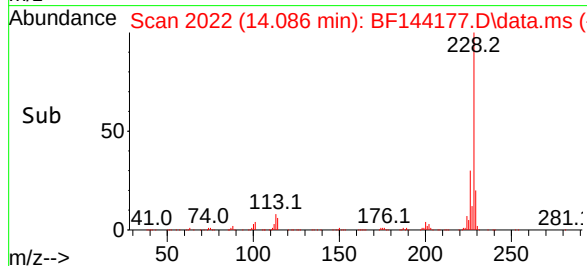
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:228 Resp: 359786
Ion Ratio Lower Upper
228 100
226 30.3 22.9 34.3
229 19.7 15.0 22.6

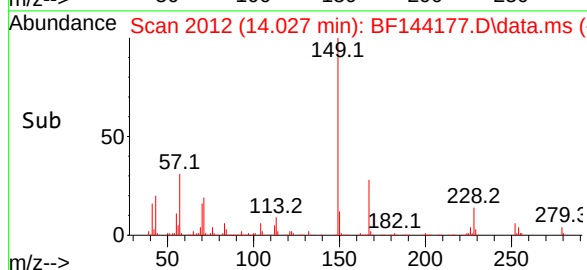
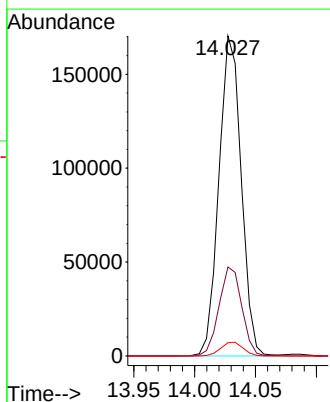
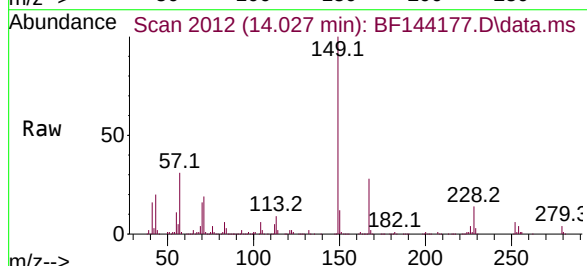
Manual Integrations
APPROVED

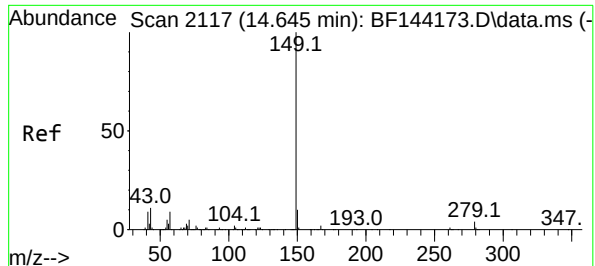
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.880 ng
RT: 14.027 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

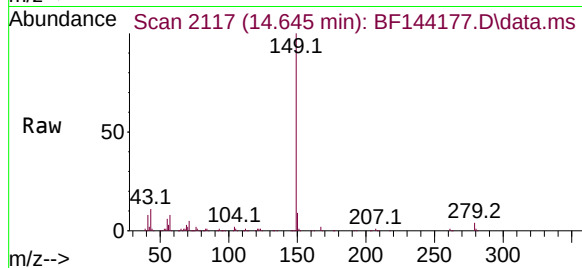
Tgt Ion:149 Resp: 217122
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.1 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 35.142 ng
RT: 14.645 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

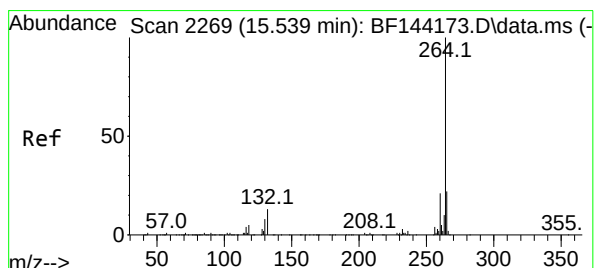
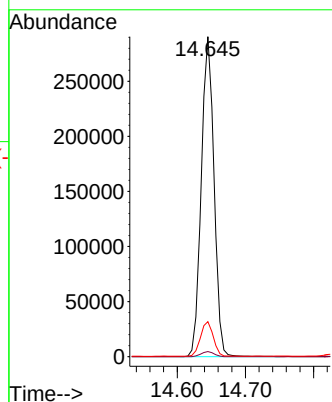
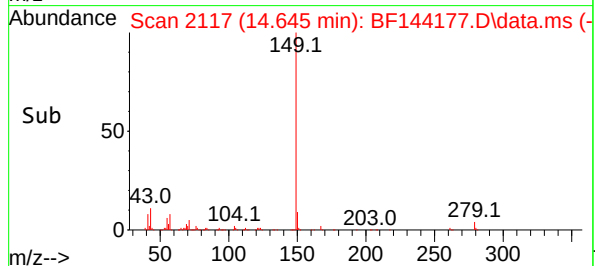
Instrument :
BNA_F
ClientSampleId :
ICVBF110525



Tgt Ion:149 Resp: 377429
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 9.0 13.4

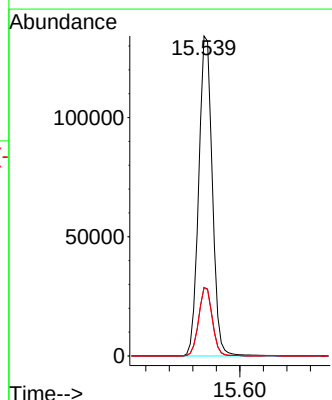
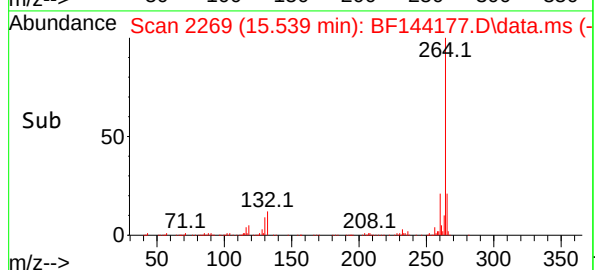
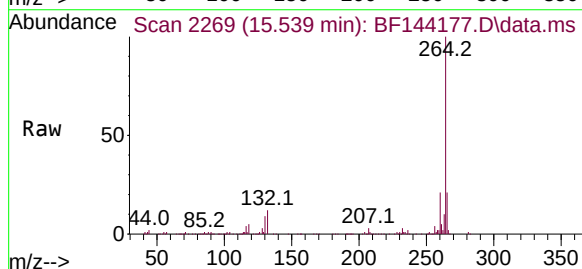
Manual Integrations
APPROVED

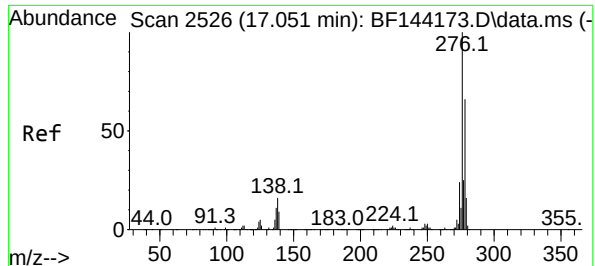
Reviewed By :Rahul Chavli 11/06/2025
Supervised By :Jagrut Upadhyay 11/06/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Tgt Ion:264 Resp: 215110
Ion Ratio Lower Upper
264 100
260 21.4 17.1 25.7
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.019 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:276 Resp: 525298

Ion Ratio Lower Upper

276 100

138 17.7 13.9 20.9

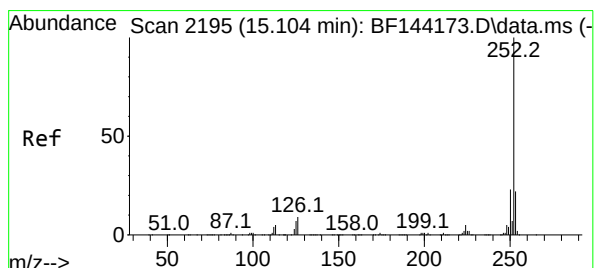
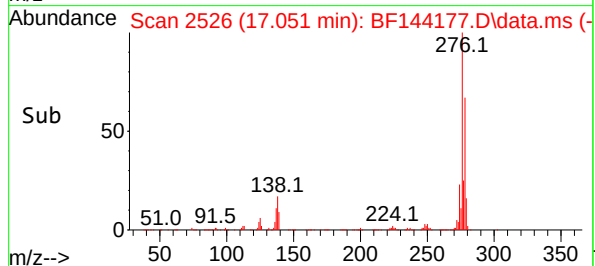
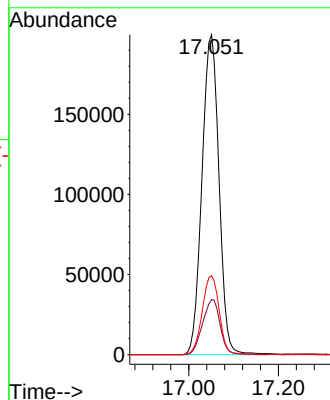
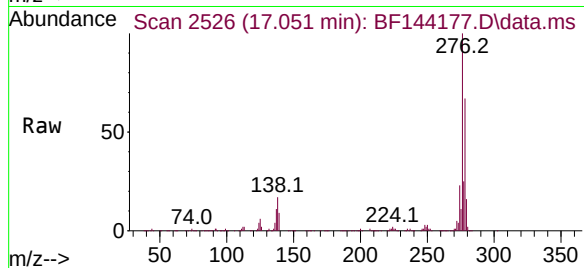
277 24.6 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#88

Benzo(b)fluoranthene

Concen: 35.021 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

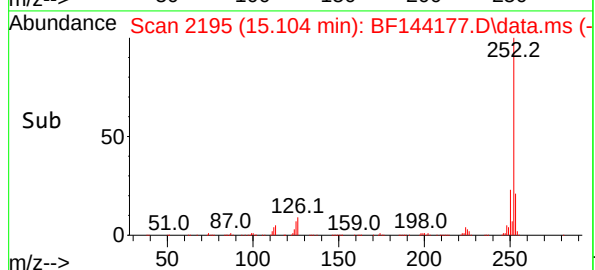
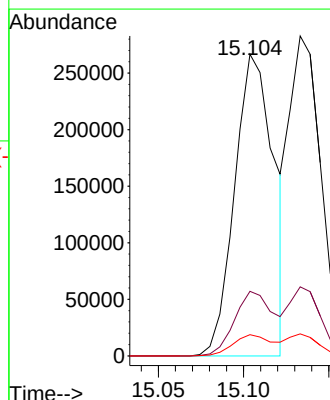
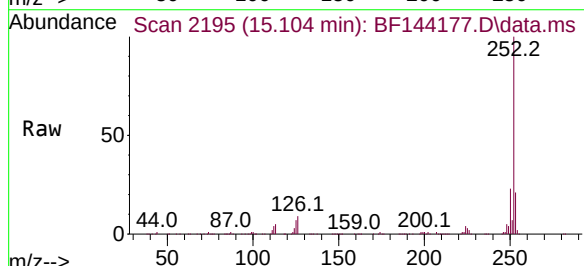
Tgt Ion:252 Resp: 428292

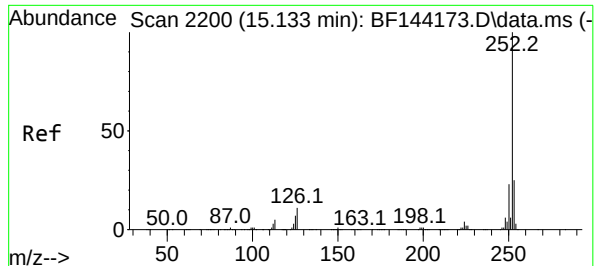
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 7.0 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 32.431 ng

RT: 15.133 min Scan# 2200

Delta R.T. -0.012 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525

Tgt Ion:252 Resp: 371234

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

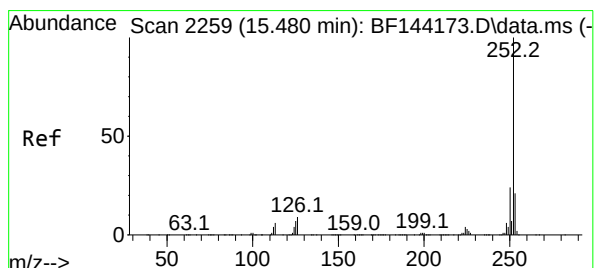
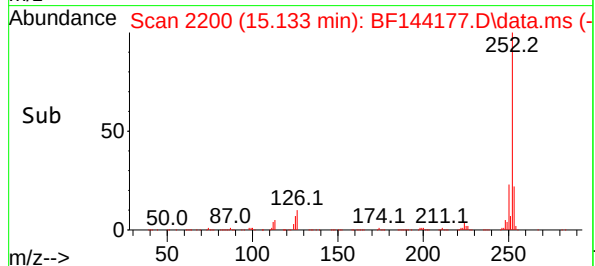
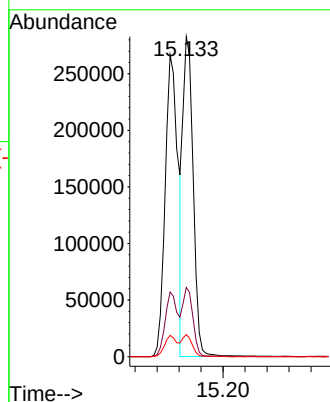
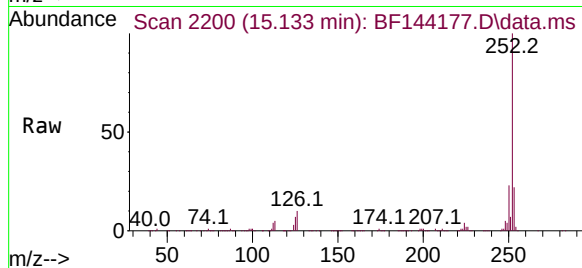
125 6.9 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 11/06/2025

Supervised By :Jagrut Upadhyay 11/06/2025



#90

Benzo(a)pyrene

Concen: 35.415 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF144177.D

Acq: 05 Nov 2025 17:21

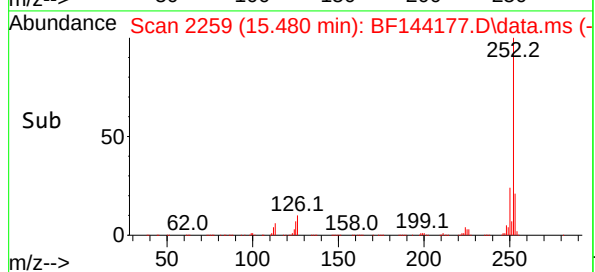
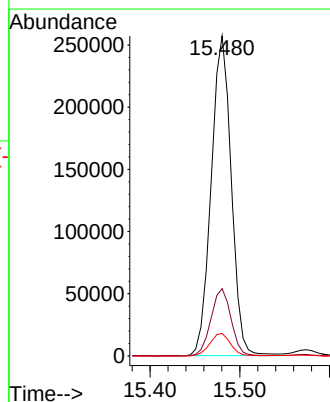
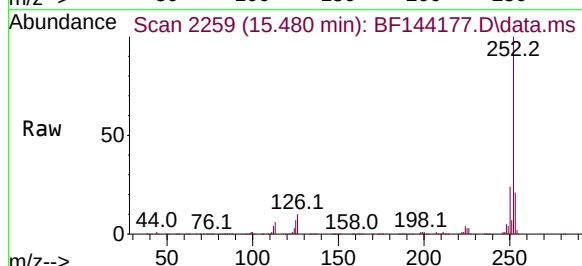
Tgt Ion:252 Resp: 399556

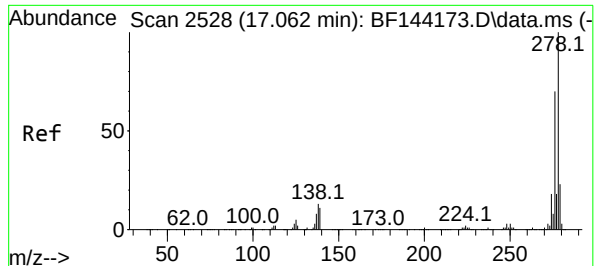
Ion Ratio Lower Upper

252 100

253 21.0 16.7 25.1

125 7.0 5.7 8.5





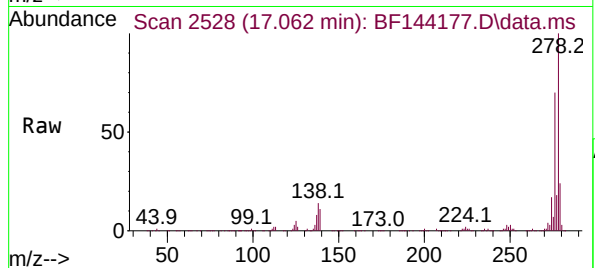
#91
Dibenzo(a,h)anthracene
Concen: 34.126 ng
RT: 17.062 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21

Instrument :

BNA_F

ClientSampleId :

ICVBF110525



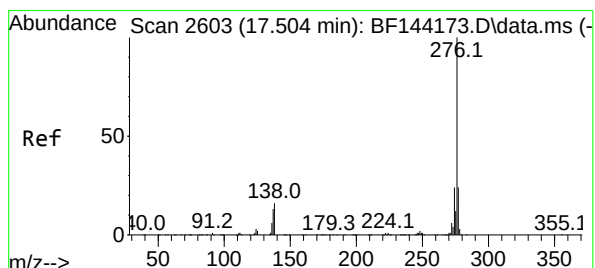
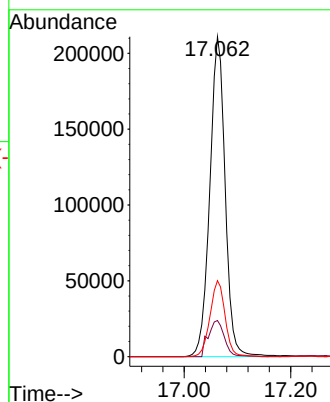
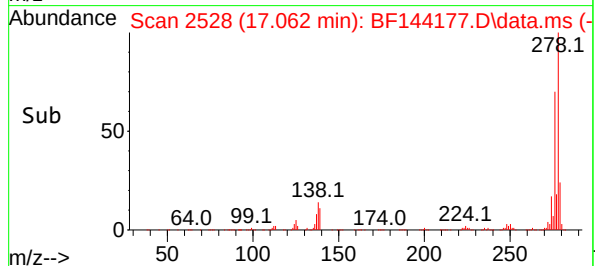
Tgt Ion:278 Resp: 423195
Ion Ratio Lower Upper
278 100
139 11.3 9.1 13.7
279 23.7 18.2 27.4

Manual Integrations

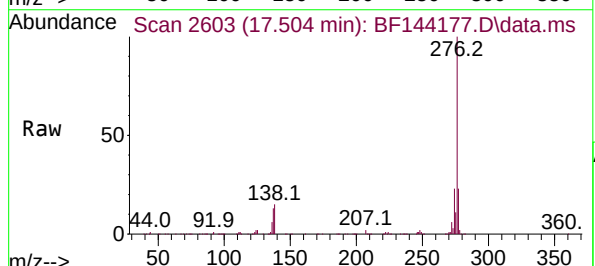
APPROVED

Reviewed By :Rahul Chavli 11/06/2025

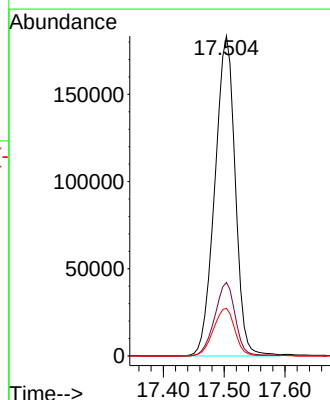
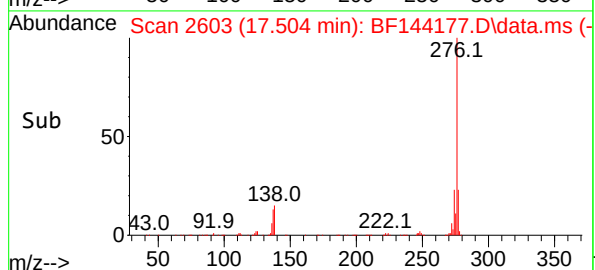
Supervised By :Jagrut Upadhyay 11/06/2025



#92
Benzo(g,h,i)perylene
Concen: 34.857 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.018 min
Lab File: BF144177.D
Acq: 05 Nov 2025 17:21



Tgt Ion:276 Resp: 426866
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.4
138 14.9 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 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	99	0.00
2	1,4-Dioxane	0.528	0.462	12.5	83	-0.01
3	Pyridine	1.474	1.199	18.7	78	-0.04
4	n-Nitrosodimethylamine	0.770	0.697	9.5	89	-0.02
5 S	2-Fluorophenol	1.278	1.122	12.2	84	0.00
6	Aniline	2.063	1.917	7.1	92	0.00
7 S	Phenol-d6	1.448	1.258	13.1	85	0.00
8	2-Chlorophenol	1.253	1.100	12.2	85	0.00
9	Benzaldehyde	0.818	0.927	-13.3	112	0.00
10 C	Phenol	1.769	1.573	11.1	84	0.00
11	bis(2-Chloroethyl)ether	1.289	1.133	12.1	85	0.00
12	1,3-Dichlorobenzene	1.547	1.393	10.0	89	0.00
13 C	1,4-Dichlorobenzene	1.549	1.389	10.3	86	0.00
14	1,2-Dichlorobenzene	1.485	1.372	7.6	91	0.00
15	Benzyl Alcohol	1.147	1.020	11.1	87	0.00
16	2,2'-oxybis(1-Chloropropane	2.374	2.098	11.6	86	0.00
17	2-Methylphenol	0.997	0.866	13.1	83	0.00
18	Hexachloroethane	0.515	0.464	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	0.953	0.812	14.8	84	0.00
20	3+4-Methylphenols	1.175	1.053	10.4	86	-0.01
21 I	Naphthalene-d8	1.000	1.000	0.0	101	0.00
22	Acetophenone	0.429	0.387	9.8	90	0.00
23 S	Nitrobenzene-d5	0.346	0.297	14.2	83	0.00
24	Nitrobenzene	0.376	0.327	13.0	85	0.00
25	Isophorone	0.655	0.569	13.1	85	0.00
26 C	2-Nitrophenol	0.186	0.170	8.6	87	0.00
27	2,4-Dimethylphenol	0.279	0.274	1.8	93	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.362	11.5	86	0.00
29 C	2,4-Dichlorophenol	0.322	0.274	14.9	83	0.00
30	1,2,4-Trichlorobenzene	0.330	0.294	10.9	88	0.00
31	Naphthalene	0.951	0.829	12.8	86	0.00
32	Benzoic acid	0.204	0.154	24.5	86	-0.04
33	4-Chloroaniline	0.347	0.336	3.2	93	0.00
34 C	Hexachlorobutadiene	0.249	0.215	13.7	83	0.00
35	Caprolactam	0.088	0.074	15.9	80	-0.03
36 C	4-Chloro-3-methylphenol	0.288	0.247	14.2	84	0.00
37	2-Methylnaphthalene	0.636	0.509	20.0	79	0.00
38	1-Methylnaphthalene	0.614	0.514	16.3	83	0.00
39 I	Acenaphthene-d10	1.000	1.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	0.655	0.603	7.9	86	0.00
41 P	Hexachlorocyclopentadiene	0.195	0.243	-24.6	118	0.00
42 S	2,4,6-Tribromophenol	0.251	0.213	15.1	78	0.00
43 C	2,4,6-Trichlorophenol	0.446	0.394	11.7	84	0.00
44	2,4,5-Trichlorophenol	0.481	0.423	12.1	84	0.00
45 S	2-Fluorobiphenyl	1.354	1.180	12.9	85	0.00
46	1,1'-Biphenyl	1.396	1.275	8.7	87	0.00
47	2-Chloronaphthalene	1.191	1.045	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 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	0.344	0.306	11.0	82	0.00
49	Acenaphthylene	1.623	1.615	0.5	95	0.00
50	Dimethylphthalate	1.325	1.162	12.3	83	0.00
51	2,6-Dinitrotoluene	0.268	0.246	8.2	86	0.00
52 C	Acenaphthene	1.085	0.914	15.8	81	0.00
53	3-Nitroaniline	0.293	0.259	11.6	80	0.00
54 P	2,4-Dinitrophenol	0.162	0.116	28.4#	80	0.00
55	Dibenzofuran	1.520	1.353	11.0	84	0.00
56 P	4-Nitrophenol	0.212	0.164	22.6	78	0.00
57	2,4-Dinitrotoluene	0.359	0.323	10.0	81	0.00
58	Fluorene	1.156	1.037	10.3	85	0.00
59	2,3,4,6-Tetrachlorophenol	0.340	0.318	6.5	86	0.00
60	Diethylphthalate	1.221	1.058	13.3	82	0.00
61	4-Chlorophenyl-phenylether	0.658	0.576	12.5	81	0.00
62	4-Nitroaniline	0.279	0.246	11.8	83	0.00
63	Azobenzene	1.137	1.022	10.1	85	0.00
64 I	Phenanthrene-d10	1.000	1.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	0.136	0.106	22.1	78	0.00
66 c	n-Nitrosodiphenylamine	0.643	0.584	9.2	86	0.00
67	4-Bromophenyl-phenylether	0.255	0.218	14.5	79	0.00
68	Hexachlorobenzene	0.301	0.262	13.0	83	0.00
69	Atrazine	0.205	0.188	8.3	87	0.00
70 C	Pentachlorophenol	0.150	0.122	18.7	75	0.00
71	Phenanthrene	0.996	0.873	12.3	82	0.00
72	Anthracene	1.013	0.893	11.8	83	0.00
73	Carbazole	0.861	0.737	14.4	80	0.00
74	Di-n-butylphthalate	1.041	0.899	13.6	80	0.00
75 C	Fluoranthene	1.029	0.883	14.2	80	0.00
76 I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77	Benzidine	0.592	0.668	-12.8	107	0.00
78	Pyrene	1.613	1.331	17.5	78	0.00
79 S	Terphenyl-d14	1.259	1.060	15.8	81	0.00
80	Butylbenzylphthalate	0.559	0.484	13.4	82	0.00
81	Benzo(a)anthracene	1.386	1.161	16.2	81	0.00
82	3,3'-Dichlorobenzidine	0.475	0.471	0.8	98	0.00
83	Chrysene	1.280	1.106	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	0.765	0.667	12.8	82	0.00
85 c	Di-n-octyl phthalate	1.320	1.160	12.1	82	0.00
86 I	Perylene-d12	1.000	1.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	1.436	1.221	15.0	85	0.02
88	Benzo(b)fluoranthene	1.137	0.996	12.4	83	0.00
89	Benzo(k)fluoranthene	1.064	0.863	18.9	85	0.00
90 C	Benzo(a)pyrene	1.049	0.929	11.4	89	0.00
91	Dibenzo(a,h)anthracene	1.153	0.984	14.7	85	0.01
92	Benzo(g,h,i)perylene	1.139	0.992	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 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	99	0.00
2	1,4-Dioxane	40.000	34.992	12.5	83	-0.01
3	Pyridine	40.000	32.541	18.6	78	-0.04
4	n-Nitrosodimethylamine	40.000	36.224	9.4	89	-0.02
5 S	2-Fluorophenol	80.000	70.243	12.2	84	0.00
6	Aniline	40.000	37.159	7.1	92	0.00
7 S	Phenol-d6	80.000	69.484	13.1	85	0.00
8	2-Chlorophenol	40.000	35.096	12.3	85	0.00
9	Benzaldehyde	40.000	45.337	-13.3	112	0.00
10 C	Phenol	40.000	35.563	11.1	84	0.00
11	bis(2-Chloroethyl)ether	40.000	35.167	12.1	85	0.00
12	1,3-Dichlorobenzene	40.000	36.038	9.9	89	0.00
13 C	1,4-Dichlorobenzene	40.000	35.858	10.4	86	0.00
14	1,2-Dichlorobenzene	40.000	36.957	7.6	91	0.00
15	Benzyl Alcohol	40.000	35.593	11.0	87	0.00
16	2,2'-oxybis(1-Chloropropane	40.000	35.340	11.6	86	0.00
17	2-Methylphenol	40.000	34.723	13.2	83	0.00
18	Hexachloroethane	40.000	36.050	9.9	86	0.00
19 P	n-Nitroso-di-n-propylamine	40.000	34.051	14.9	84	0.00
20	3+4-Methylphenols	40.000	35.839	10.4	86	-0.01
21 I	Naphthalene-d8	20.000	20.000	0.0	101	0.00
22	Acetophenone	40.000	36.061	9.8	90	0.00
23 S	Nitrobenzene-d5	80.000	68.601	14.2	83	0.00
24	Nitrobenzene	40.000	34.763	13.1	85	0.00
25	Isophorone	40.000	34.755	13.1	85	0.00
26 C	2-Nitrophenol	40.000	36.521	8.7	87	0.00
27	2,4-Dimethylphenol	40.000	39.334	1.7	93	0.00
28	bis(2-Chloroethoxy)methane	40.000	35.422	11.4	86	0.00
29 C	2,4-Dichlorophenol	40.000	34.086	14.8	83	0.00
30	1,2,4-Trichlorobenzene	40.000	35.677	10.8	88	0.00
31	Naphthalene	40.000	34.861	12.8	86	0.00
32	Benzoic acid	40.000	30.148	24.6	86	-0.04
33	4-Chloroaniline	40.000	38.685	3.3	93	0.00
34 C	Hexachlorobutadiene	40.000	34.552	13.6	83	0.00
35	Caprolactam	40.000	33.478	16.3	80	-0.03
36 C	4-Chloro-3-methylphenol	40.000	34.336	14.2	84	0.00
37	2-Methylnaphthalene	40.000	31.978	20.1	79	0.00
38	1-Methylnaphthalene	40.000	33.472	16.3	83	0.00
39 I	Acenaphthene-d10	20.000	20.000	0.0	97	0.00
40	1,2,4,5-Tetrachlorobenzene	40.000	36.811	8.0	86	0.00
41 P	Hexachlorocyclopentadiene	40.000	46.350	-15.9	118	0.00
42 S	2,4,6-Tribromophenol	80.000	67.987	15.0	78	0.00
43 C	2,4,6-Trichlorophenol	40.000	35.357	11.6	84	0.00
44	2,4,5-Trichlorophenol	40.000	35.179	12.1	84	0.00
45 S	2-Fluorobiphenyl	80.000	69.741	12.8	85	0.00
46	1,1'-Biphenyl	40.000	36.526	8.7	87	0.00
47	2-Chloronaphthalene	40.000	35.092	12.3	84	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144177.D
 Acq On : 05 Nov 2025 17:21
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF110525

Quant Time: Nov 05 17:56:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 17:20:41 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	35.641	10.9	82	0.00
49	Acenaphthylene	40.000	39.818	0.5	95	0.00
50	Dimethylphthalate	40.000	35.076	12.3	83	0.00
51	2,6-Dinitrotoluene	40.000	36.758	8.1	86	0.00
52 C	Acenaphthene	40.000	33.702	15.7	81	0.00
53	3-Nitroaniline	40.000	35.372	11.6	80	0.00
54 P	2,4-Dinitrophenol	40.000	28.732	28.2#	80	0.00
55	Dibenzofuran	40.000	35.602	11.0	84	0.00
56 P	4-Nitrophenol	40.000	30.929	22.7	78	0.00
57	2,4-Dinitrotoluene	40.000	35.994	10.0	81	0.00
58	Fluorene	40.000	35.903	10.2	85	0.00
59	2,3,4,6-Tetrachlorophenol	40.000	37.425	6.4	86	0.00
60	Diethylphthalate	40.000	34.646	13.4	82	0.00
61	4-Chlorophenyl-phenylether	40.000	35.002	12.5	81	0.00
62	4-Nitroaniline	40.000	35.278	11.8	83	0.00
63	Azobenzene	40.000	35.958	10.1	85	0.00
64 I	Phenanthrene-d10	20.000	20.000	0.0	95	0.00
65	4,6-Dinitro-2-methylphenol	40.000	31.346	21.6	78	0.00
66 c	n-Nitrosodiphenylamine	40.000	36.292	9.3	86	0.00
67	4-Bromophenyl-phenylether	40.000	34.135	14.7	79	0.00
68	Hexachlorobenzene	40.000	34.810	13.0	83	0.00
69	Atrazine	40.000	36.790	8.0	87	0.00
70 C	Pentachlorophenol	40.000	32.706	18.2	75	0.00
71	Phenanthrene	40.000	35.049	12.4	82	0.00
72	Anthracene	40.000	35.286	11.8	83	0.00
73	Carbazole	40.000	34.224	14.4	80	0.00
74	Di-n-butylphthalate	40.000	34.535	13.7	80	0.00
75 C	Fluoranthene	40.000	34.338	14.2	80	0.00
76 I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77	Benzydine	40.000	45.165	-12.9	107	0.00
78	Pyrene	40.000	33.011	17.5	78	0.00
79 S	Terphenyl-d14	80.000	67.318	15.9	81	0.00
80	Butylbenzylphthalate	40.000	34.633	13.4	82	0.00
81	Benzo(a)anthracene	40.000	33.489	16.3	81	0.00
82	3,3'-Dichlorobenzidine	40.000	39.612	1.0	98	0.00
83	Chrysene	40.000	34.559	13.6	79	0.00
84	Bis(2-ethylhexyl)phthalate	40.000	34.880	12.8	82	0.00
85 c	Di-n-octyl phthalate	40.000	35.142	12.1	82	0.00
86 I	Perylene-d12	20.000	20.000	0.0	103	0.00
87	Indeno(1,2,3-cd)pyrene	40.000	34.019	15.0	85	0.02
88	Benzo(b)fluoranthene	40.000	35.021	12.4	83	0.00
89	Benzo(k)fluoranthene	40.000	32.431	18.9	85	0.00
90 C	Benzo(a)pyrene	40.000	35.415	11.5	89	0.00
91	Dibenzo(a,h)anthracene	40.000	34.126	14.7	85	0.01
92	Benzo(g,h,i)perylene	40.000	34.857	12.9	86	0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144177.D
Acq On : 05 Nov 2025 17:21
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF110525

Quant Time: Nov 05 17:56:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 17:20:41 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>ARDM01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3700</u>
Instrument ID:	<u>BNA_F</u>	Calibration Date/Time:	<u>11/25/2025 13:54</u>
Lab File ID:	<u>BF144348.D</u>	Init. Calib. Date(s):	<u>11/05/2025 11/05/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>12:50 16:49</u>
GC Column:	<u>DB-UI</u>	ID:	<u>0.18</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.770	0.749		-2.7	
2-Fluorophenol	1.278	1.443		12.9	
Phenol-d6	1.448	1.525		5.3	
Phenol	1.769	1.898		7.3	20.0
bis(2-Chloroethyl)ether	1.289	1.383		7.3	
2-Chlorophenol	1.253	1.334		6.5	
2,2-oxybis(1-Chloropropane)	2.374	2.546		7.2	
n-Nitroso-di-n-propylamine	0.953	0.856	0.050	-10.2	
Nitrobenzene-d5	0.346	0.346		0.0	
Hexachloroethane	0.515	0.547		6.2	
Nitrobenzene	0.376	0.377		0.3	
Isophorone	0.655	0.615		-6.1	
2-Nitrophenol	0.186	0.194		4.3	20.0
2,4-Dimethylphenol	0.279	0.288		3.2	
bis(2-Chloroethoxy)methane	0.409	0.406		-0.7	
2,4-Dichlorophenol	0.322	0.317		-1.6	20.0
1,2,4-Trichlorobenzene	0.330	0.329		-0.3	
Naphthalene	0.951	0.960		0.9	
Hexachlorobutadiene	0.249	0.233		-6.4	20.0
4-Chloro-3-methylphenol	0.288	0.267		-7.3	20.0
Hexachlorocyclopentadiene	0.195	0.167	0.050	-14.4	
2,4,6-Trichlorophenol	0.446	0.454		1.8	20.0
2-Fluorobiphenyl	1.354	1.402		3.5	
2-Chloronaphthalene	1.191	1.228		3.1	
Dimethylphthalate	1.325	1.294		-2.3	
Acenaphthylene	1.623	1.660		2.3	
2,6-Dinitrotoluene	0.268	0.264		-1.5	
Acenaphthene	1.085	1.030		-5.1	20.0
2,4-Dinitrophenol	0.162	0.166	0.050	2.5	
4-Nitrophenol	0.212	0.198	0.050	-6.6	
2,4-Dinitrotoluene	0.359	0.356		-0.8	
Diethylphthalate	1.221	1.154		-5.5	
4-Chlorophenyl-phenylether	0.658	0.621		-5.6	
Fluorene	1.156	1.166		0.9	
4,6-Dinitro-2-methylphenol	0.136	0.120		-11.8	
n-Nitrosodiphenylamine	0.643	0.669		4.0	20.0
Azobenzene	1.137	1.116		-1.8	
2,4,6-Tribromophenol	0.251	0.224		-10.8	
4-Bromophenyl-phenylether	0.255	0.241		-5.5	



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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ARDM01
 Lab Code: ACE SDG No.: Q3700
 Instrument ID: BNA_F Calibration Date/Time: 11/25/2025 13:54
 Lab File ID: BF144348.D Init. Calib. Date(s): 11/05/2025 11/05/2025
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:50 16:49
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.301	0.285		-5.3	
Pentachlorophenol	0.150	0.153		2.0	20.0
Phenanthrene	0.996	1.025		2.9	
Anthracene	1.013	1.044		3.1	
Di-n-butylphthalate	1.041	1.072		3.0	
Fluoranthene	1.029	1.135		10.3	20.0
Benzidine	0.592	0.717		21.1	
Pyrene	1.613	1.347		-16.5	
Terphenyl-d14	1.259	0.995		-21.0	
Butylbenzylphthalate	0.559	0.522		-6.6	
3,3-Dichlorobenzidine	0.475	0.518		9.1	
Benzo(a)anthracene	1.386	1.444		4.2	
Chrysene	1.280	1.274		-0.5	
Bis(2-ethylhexyl)phthalate	0.765	0.770		0.7	
Di-n-octyl phthalate	1.320	1.463		10.8	20.0
Benzo(b)fluoranthene	1.137	1.218		7.1	
Benzo(k)fluoranthene	1.064	0.976		-8.3	
Benzo(a)pyrene	1.049	1.059		1.0	20.0
Indeno(1,2,3-cd)pyrene	1.436	1.384		-3.6	
Dibenzo(a,h)anthracene	1.153	1.106		-4.1	
Benzo(g,h,i)perylene	1.139	1.108		-2.7	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144348.D
 Acq On : 25 Nov 2025 13:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Nov 25 17:02:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	48785	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	180679	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	87905	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	143543	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	127780	20.000	ng	-0.01
86) Perylene-d12	15.521	264	177416	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	281560	90.316	ng	-0.01
7) Phenol-d6	6.498	99	297540	84.232	ng	0.00
23) Nitrobenzene-d5	7.428	82	250057	79.932	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	78596	71.250	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	492993	82.830	ng	0.00
79) Terphenyl-d14	12.980	244	508325	63.189	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	61148	47.443	ng	97
3) Pyridine	3.346	79	160175	44.545	ng	97
4) n-Nitrosodimethylamine	3.293	42	73077	38.907	ng	83
6) Aniline	6.528	93	211230	41.971	ng	99
8) 2-Chlorophenol	6.651	128	130204	42.588	ng	97
9) Benzaldehyde	6.416	77	90360	45.301	ng	99
10) Phenol	6.510	94	185200	42.912	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	134958	42.915	ng	99
12) 1,3-Dichlorobenzene	6.804	146	163024	43.213	ng	95
13) 1,4-Dichlorobenzene	6.881	146	162274	42.935	ng	99
14) 1,2-Dichlorobenzene	7.034	146	154375	42.614	ng	99
15) Benzyl Alcohol	7.004	79	108397	38.754	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	248454	42.902	ng	98
17) 2-Methylphenol	7.116	107	97760	40.194	ng	97
18) Hexachloroethane	7.375	117	53402	42.528	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	83517	35.915	ng	97
20) 3+4-Methylphenols	7.269	107	115699	40.354	ng	98
22) Acetophenone	7.269	105	151990	39.213	ng	98
24) Nitrobenzene	7.445	77	136310	40.130	ng	96
25) Isophorone	7.681	82	222358	37.577	ng	99
26) 2-Nitrophenol	7.763	139	69960	41.608	ng	# 94
27) 2,4-Dimethylphenol	7.798	122	104225	41.356	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	146761	39.717	ng	98
29) 2,4-Dichlorophenol	8.004	162	114543	39.434	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	118733	39.808	ng	96
31) Naphthalene	8.169	128	347035	40.378	ng	100
32) Benzoic acid	7.904	122	59676	32.304	ng	94
33) 4-Chloroaniline	8.216	127	121635	38.804	ng	99
34) Hexachlorobutadiene	8.281	225	84211	37.463	ng	98
35) Caprolactam	8.581	113	27994	35.178	ng	95
36) 4-Chloro-3-methylphenol	8.698	107	96354	37.014	ng	98
37) 2-Methylnaphthalene	8.857	142	219317	38.166	ng	99
38) 1-Methylnaphthalene	8.957	142	209225	37.735	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	120482	41.821	ng	99
41) Hexachlorocyclopentadiene	9.010	237	29442	34.982	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	79905	40.751	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144348.D
 Acq On : 25 Nov 2025 13:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

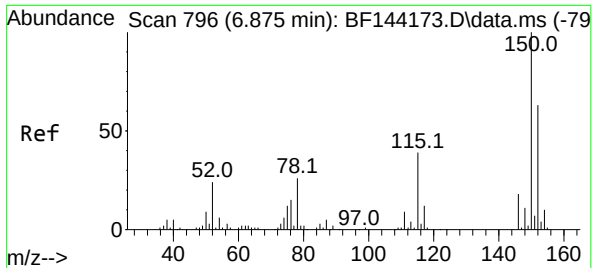
Quant Time: Nov 25 17:02:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	84192	39.839	ng	97
46) 1,1'-Biphenyl	9.322	154	258035	42.052	ng	100
47) 2-Chloronaphthalene	9.345	162	215916	41.252	ng	100
48) 2-Nitroaniline	9.445	65	59174	39.182	ng	92
49) Acenaphthylene	9.763	152	291788	40.909	ng	99
50) Dimethylphthalate	9.616	163	227472	39.061	ng	99
51) 2,6-Dinitrotoluene	9.686	165	46367	39.332	ng	92
52) Acenaphthene	9.933	154	181131	37.975	ng	98
53) 3-Nitroaniline	9.857	138	53390	41.430	ng	95
54) 2,4-Dinitrophenol	9.969	184	29207	41.029	ng	96
55) Dibenzofuran	10.104	168	267748	40.081	ng	98
56) 4-Nitrophenol	10.028	139	34731	37.257	ng	89
57) 2,4-Dinitrotoluene	10.092	165	62505	39.606	ng	99
58) Fluorene	10.451	166	205016	40.365	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	56966	38.100	ng	# 99
60) Diethylphthalate	10.316	149	202846	37.785	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	109198	37.744	ng	99
62) 4-Nitroaniline	10.469	138	50500	41.149	ng	90
63) Azobenzene	10.604	77	196232	39.276	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	34414	35.291	ng	95
66) n-Nitrosodiphenylamine	10.557	169	192100	41.610	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	69080	37.703	ng	99
68) Hexachlorobenzene	10.998	284	81924	37.962	ng	97
69) Atrazine	11.086	200	55047	37.492	ng	99
70) Pentachlorophenol	11.198	266	44019	40.962	ng	97
71) Phenanthrene	11.416	178	294154	41.159	ng	99
72) Anthracene	11.469	178	299727	41.244	ng	99
73) Carbazole	11.627	167	262073	42.410	ng	99
74) Di-n-butylphthalate	11.951	149	307696	41.189	ng	98
75) Fluoranthene	12.610	202	325934	44.149	ng	98
77) Benzidine	12.733	184	183154	48.458	ng	99
78) Pyrene	12.839	202	344234	33.412	ng	99
80) Butylbenzylphthalate	13.451	149	133343	37.342	ng	99
81) Benzo(a)anthracene	14.033	228	368996	41.666	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	132266	43.571	ng	97
83) Chrysene	14.069	228	325491	39.814	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	196685	40.236	ng	98
85) Di-n-octyl phthalate	14.627	149	373902	44.334	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	491163	38.566	ng	96
88) Benzo(b)fluoranthene	15.086	252	432116	42.841	ng	100
89) Benzo(k)fluoranthene	15.115	252	346217	36.672	ng	99
90) Benzo(a)pyrene	15.457	252	375868	40.393	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	392362	38.361	ng	99
92) Benzo(g,h,i)perylene	17.480	276	393304	38.940	ng	97

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

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

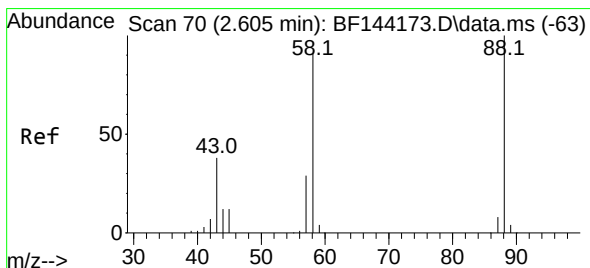
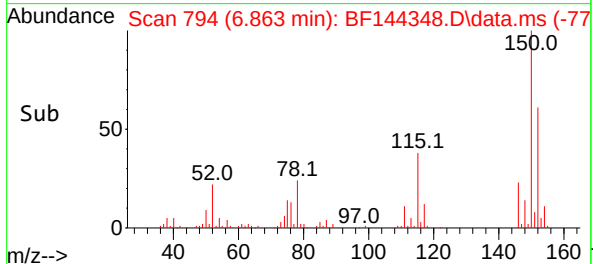
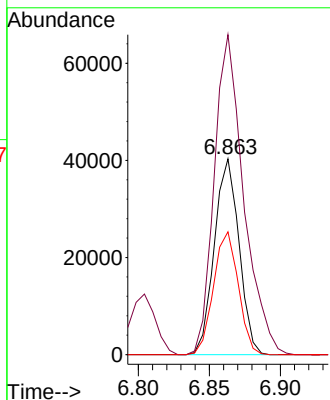
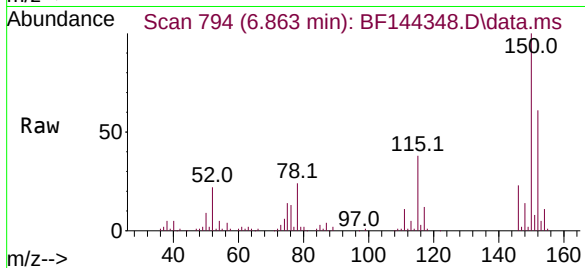
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

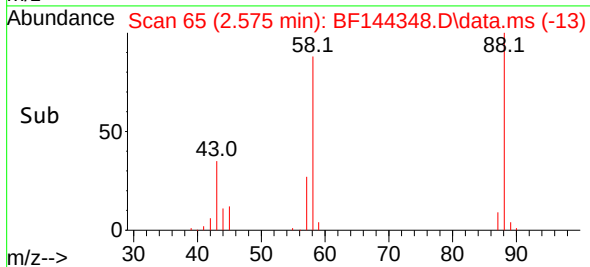
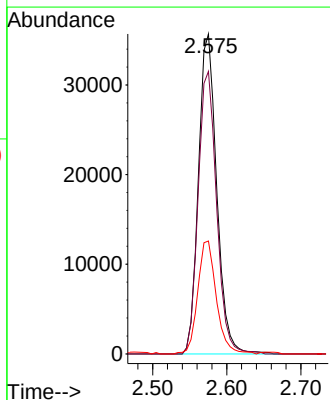
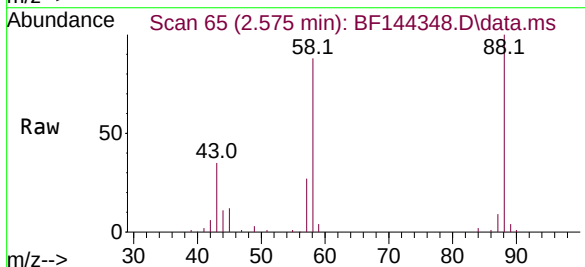
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

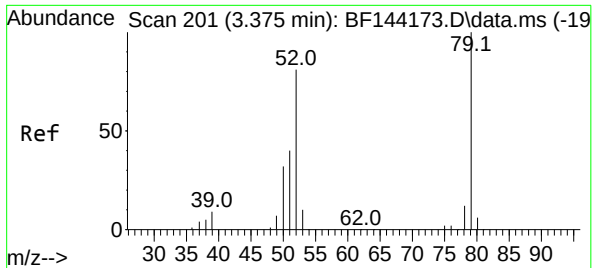
Tgt Ion:152 Resp: 48785
Ion Ratio Lower Upper
152 100
150 163.5 127.4 191.0
115 62.7 49.5 74.3



#2
1,4-Dioxane
Concen: 47.443 ng
RT: 2.575 min Scan# 65
Delta R.T. -0.041 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 88 Resp: 61148
Ion Ratio Lower Upper
88 100
58 89.3 73.1 109.7
43 36.0 31.0 46.6

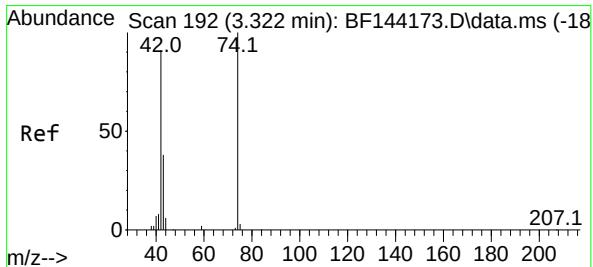
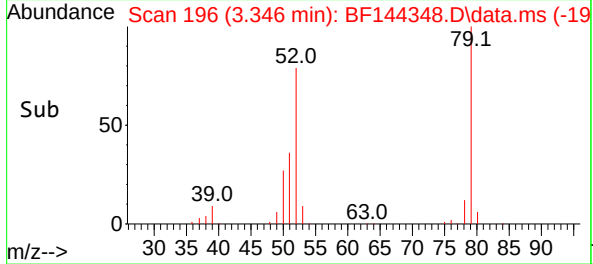
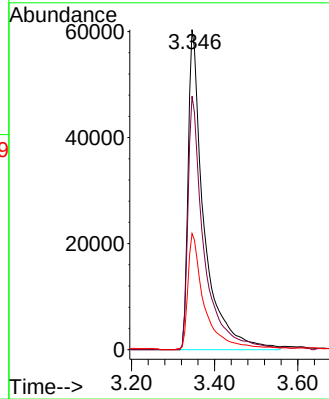
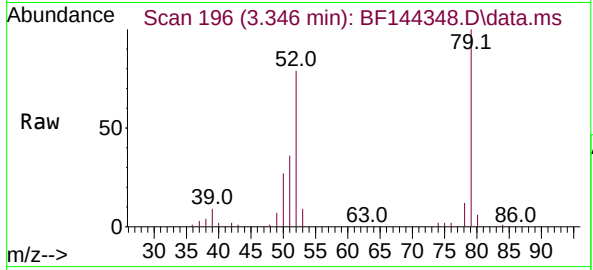




#3
Pyridine
Concen: 44.545 ng
RT: 3.346 min Scan# 19
Delta R.T. -0.065 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

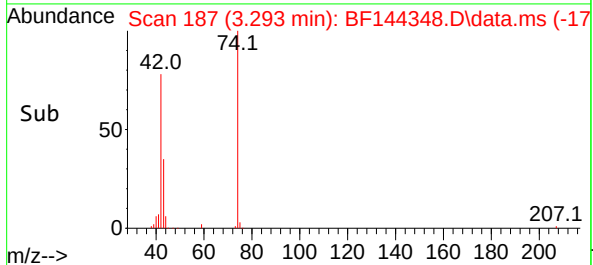
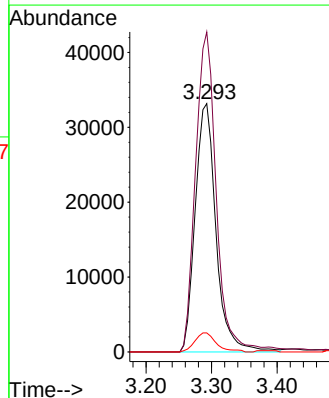
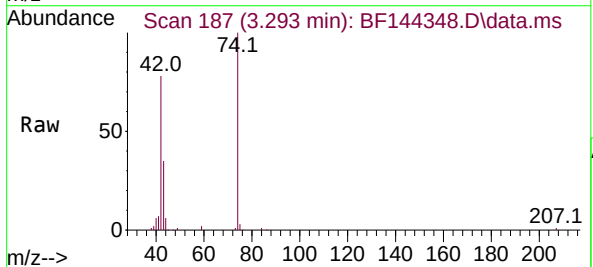
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

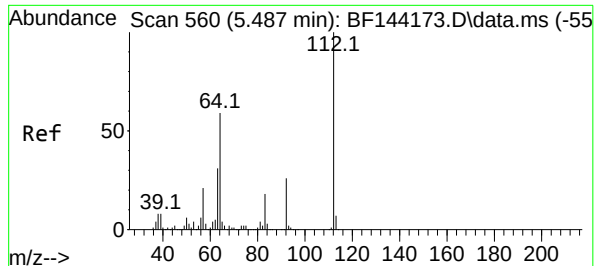
Tgt Ion: 79 Resp: 160175
Ion Ratio Lower Upper
79 100
52 79.2 64.5 96.7
51 36.3 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 38.907 ng
RT: 3.293 min Scan# 187
Delta R.T. -0.053 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 42 Resp: 73077
Ion Ratio Lower Upper
42 100
74 128.9 88.2 132.4
44 7.6 5.7 8.5

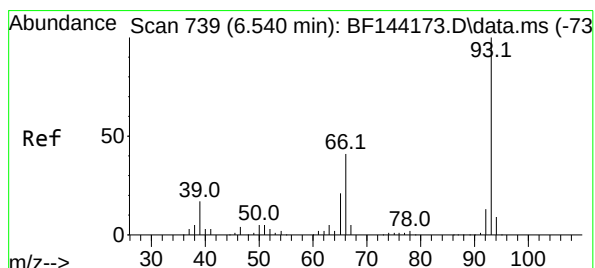
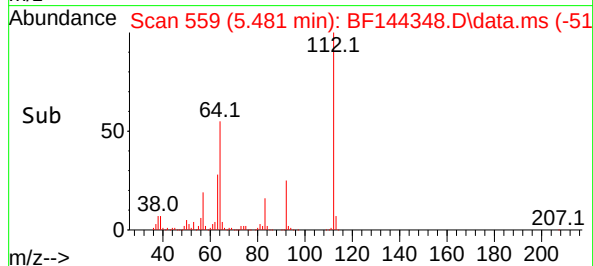
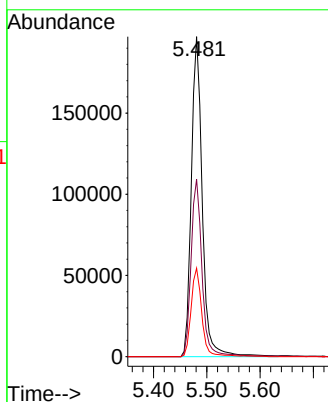
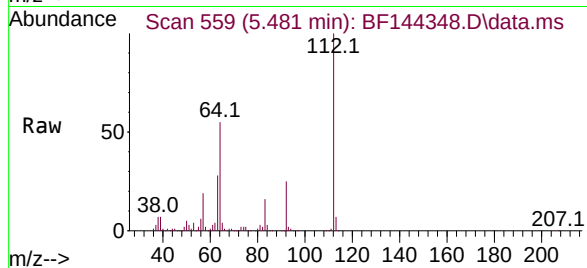




#5
2-Fluorophenol
Concen: 90.316 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

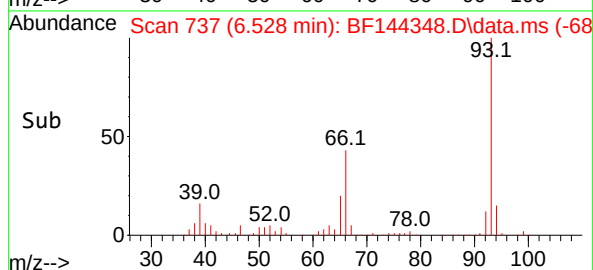
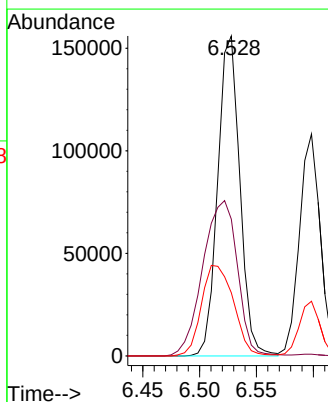
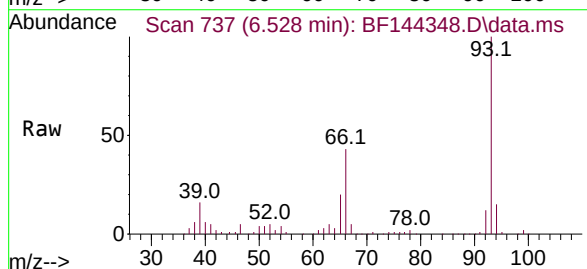
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

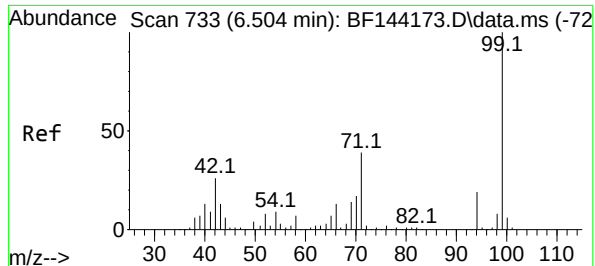
Tgt Ion:112 Resp: 281560
Ion Ratio Lower Upper
112 100
64 55.5 47.2 70.8
63 27.7 24.4 36.6



#6
Aniline
Concen: 41.971 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 93 Resp: 211230
Ion Ratio Lower Upper
93 100
66 42.7 34.3 51.5
65 19.7 16.9 25.3

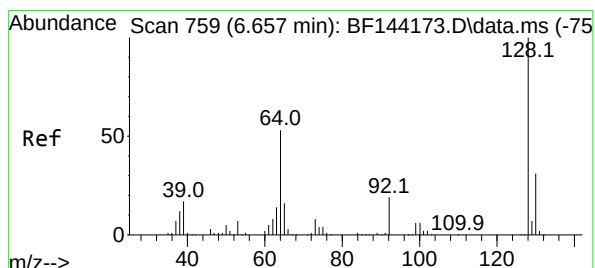
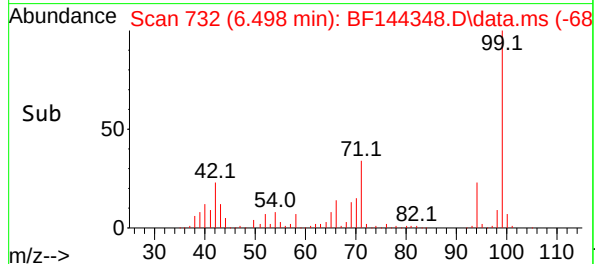
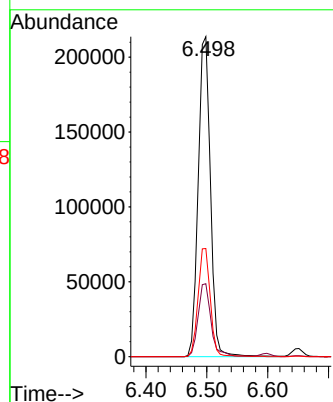
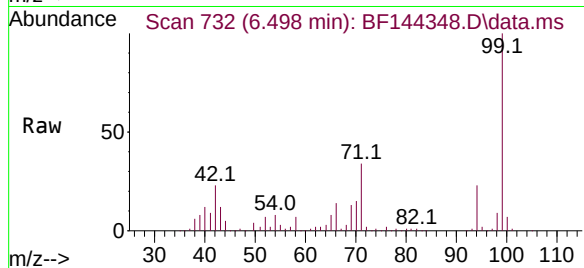




#7
Phenol-d6
Concen: 84.232 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

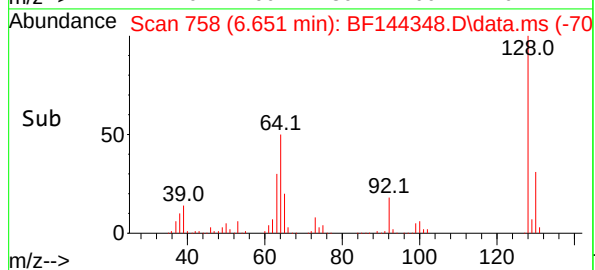
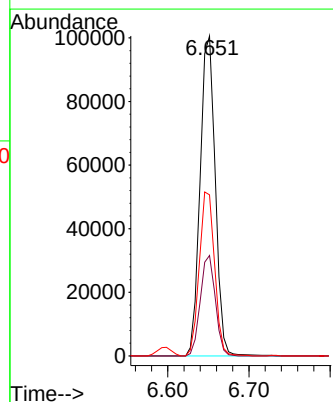
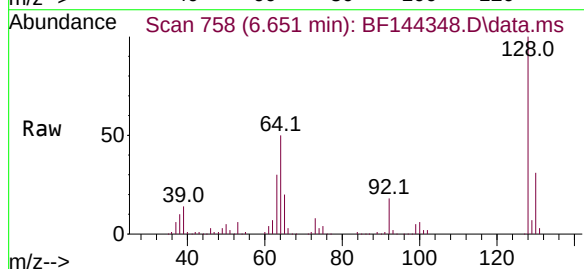
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

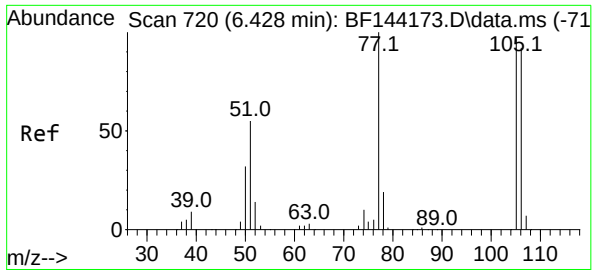
Tgt Ion: 99 Resp: 297540
Ion Ratio Lower Upper
99 100
42 22.8 20.9 31.3
71 33.8 31.4 47.2



#8
2-Chlorophenol
Concen: 42.588 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 128 Resp: 130204
Ion Ratio Lower Upper
128 100
130 31.4 10.5 50.5
64 50.3 33.2 73.2





#9

Benzaldehyde

Concen: 45.301 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

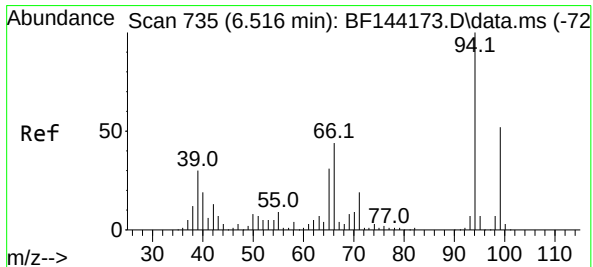
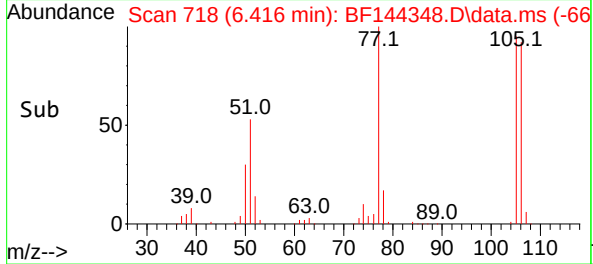
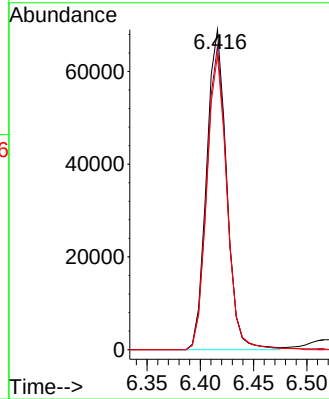
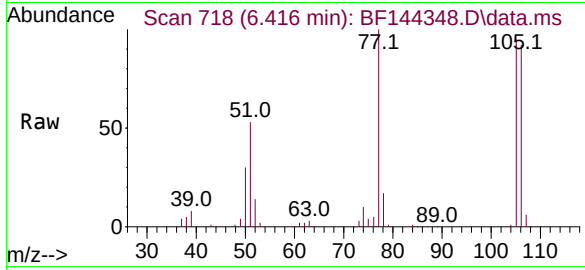
Tgt Ion: 77 Resp: 90360

Ion Ratio Lower Upper

77 100

105 94.9 77.2 117.2

106 92.0 72.2 112.2



#10

Phenol

Concen: 42.912 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.000 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

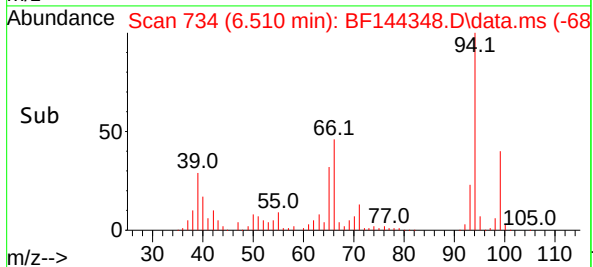
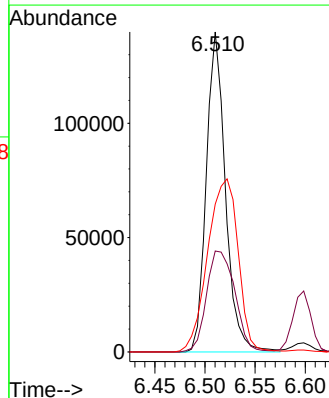
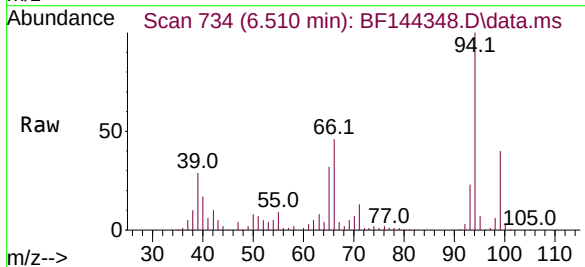
Tgt Ion: 94 Resp: 185200

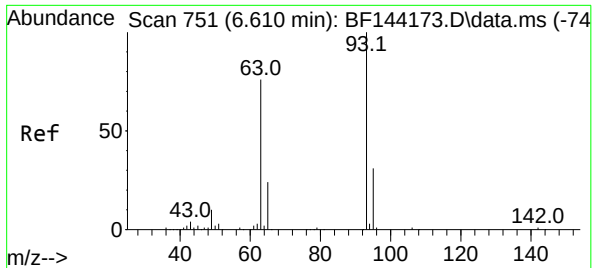
Ion Ratio Lower Upper

94 100

65 31.5 10.8 50.8

66 46.2 24.3 64.3

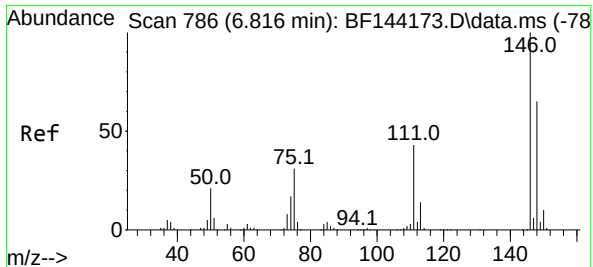
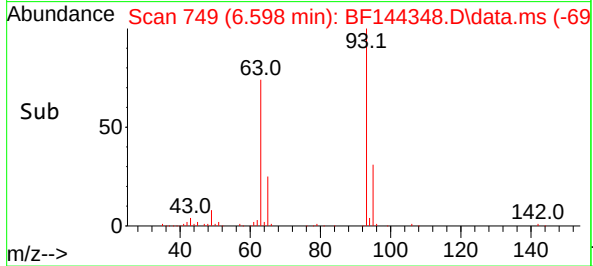
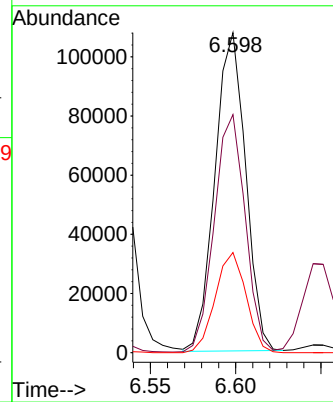
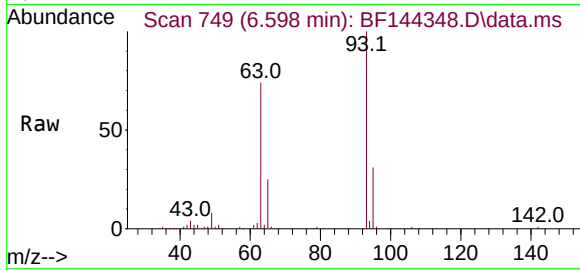




#11
 bis(2-Chloroethyl)ether
 Concen: 42.915 ng
 RT: 6.598 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

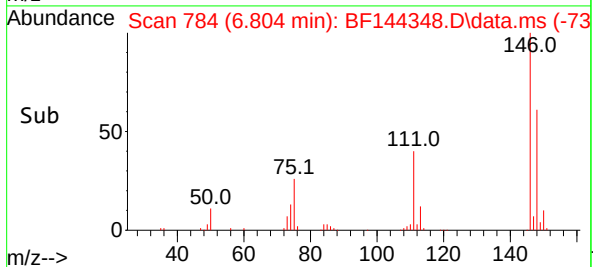
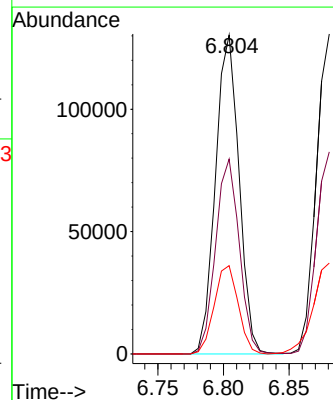
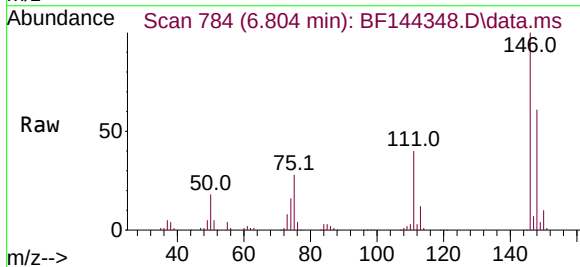
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

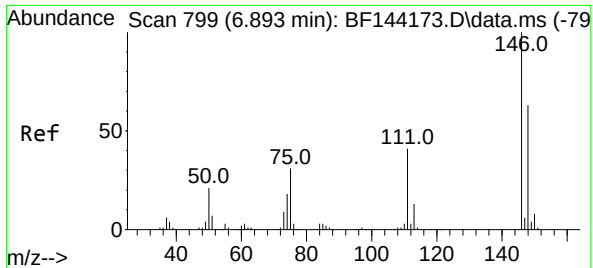
Tgt Ion: 93 Resp: 134958
 Ion Ratio Lower Upper
 93 100
 63 74.4 55.2 95.2
 95 31.3 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 43.213 ng
 RT: 6.804 min Scan# 784
 Delta R.T. -0.012 min
 Lab File: BF144348.D
 Acq: 25 Nov 2025 13:54

Tgt Ion: 146 Resp: 163024
 Ion Ratio Lower Upper
 146 100
 148 61.1 51.8 77.8
 75 27.7 25.0 37.4

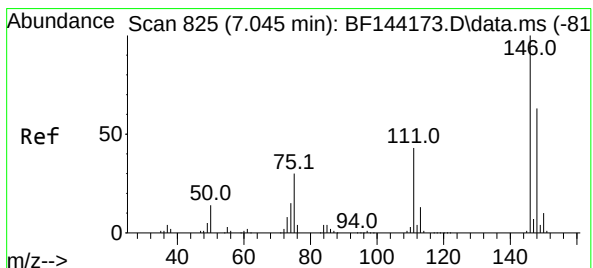
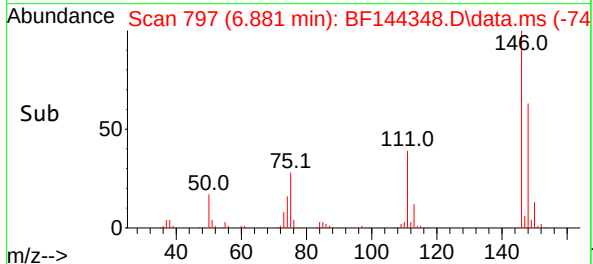
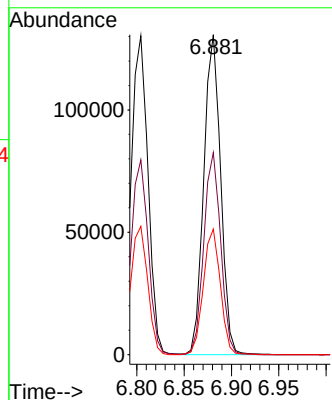
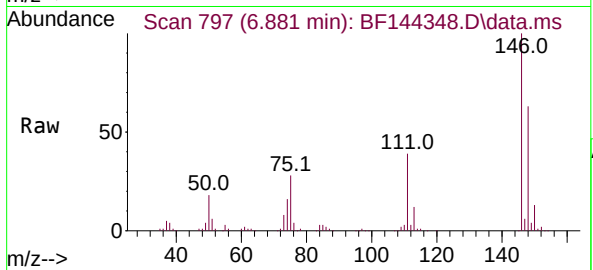




#13
1,4-Dichlorobenzene
Concen: 42.935 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

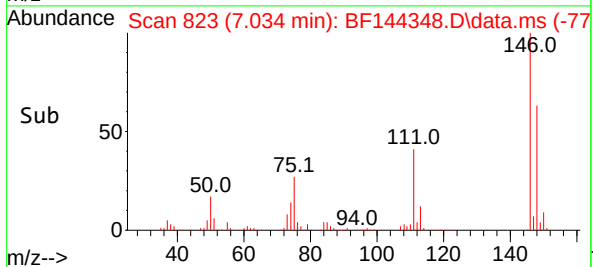
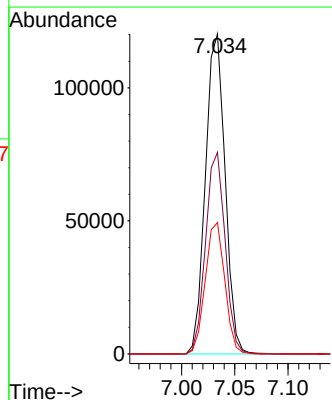
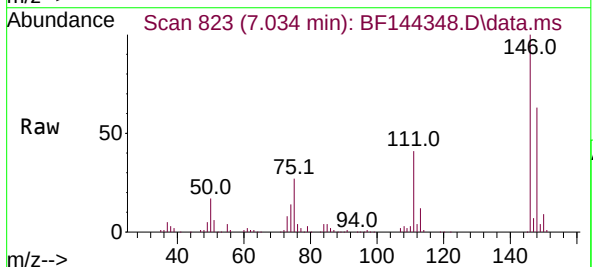
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

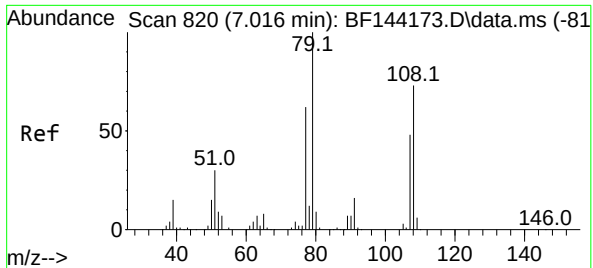
Tgt Ion:146 Resp: 162274
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.2
111 39.2 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 42.614 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:146 Resp: 154375
Ion Ratio Lower Upper
146 100
148 63.0 50.7 76.1
111 41.0 34.2 51.4





#15

Benzyl Alcohol

Concen: 38.754 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

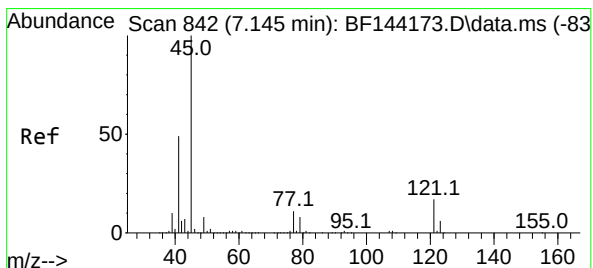
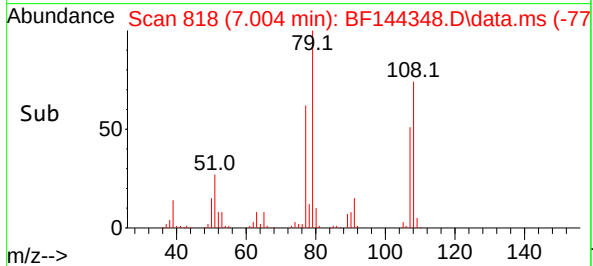
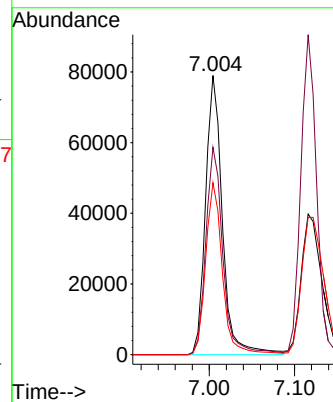
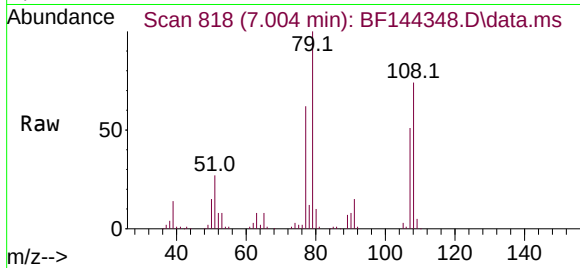
Tgt Ion: 79 Resp: 108397

Ion Ratio Lower Upper

79 100

108 74.3 58.2 87.4

77 61.6 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.902 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

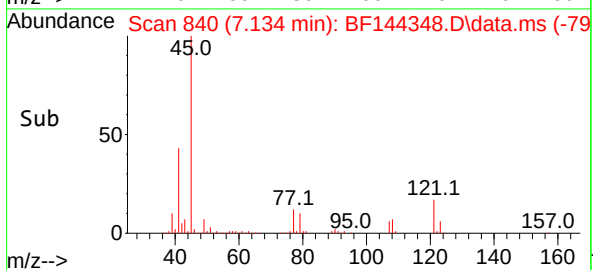
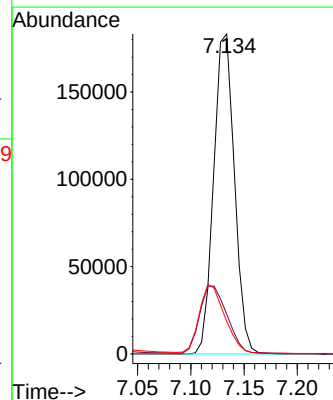
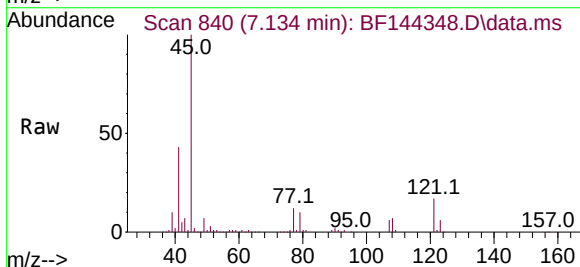
Tgt Ion: 45 Resp: 248454

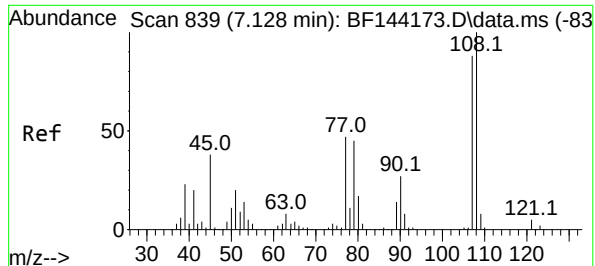
Ion Ratio Lower Upper

45 100

77 12.4 0.0 31.8

79 10.1 0.0 29.1

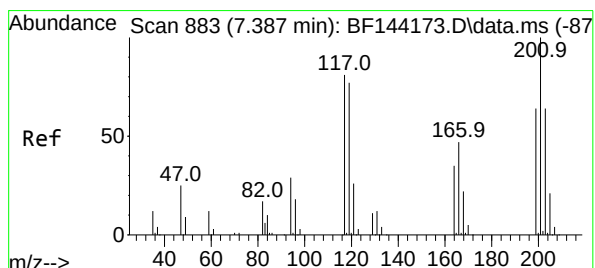
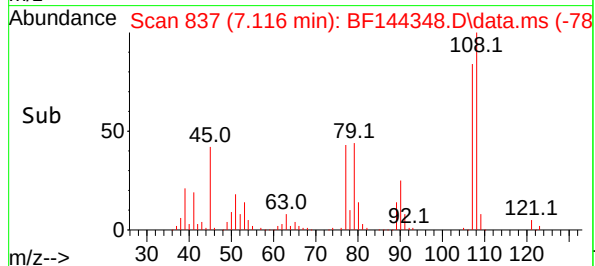
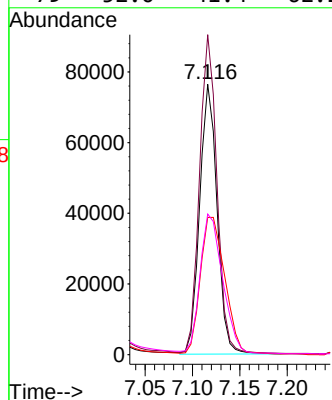
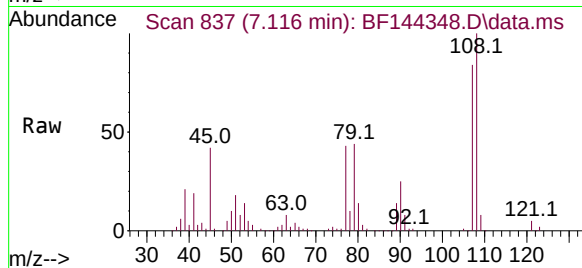




#17
2-Methylphenol
Concen: 40.194 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

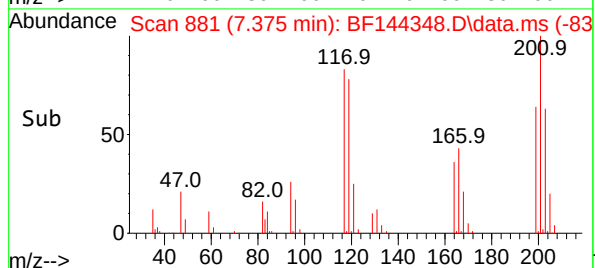
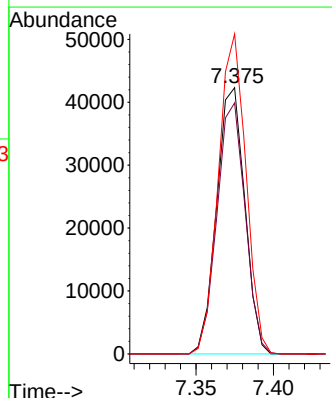
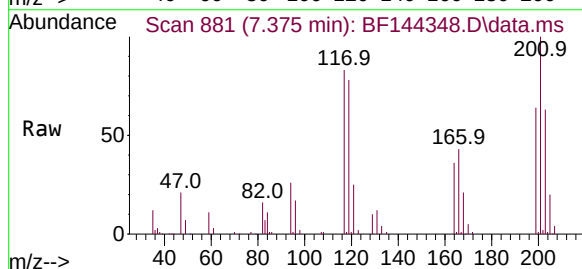
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

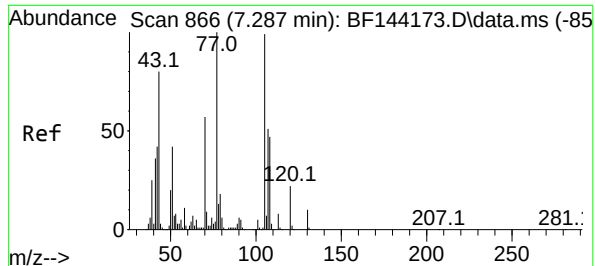
Tgt Ion:	107	Resp:	97760
Ion	Ratio	Lower	Upper
107	100		
108	118.4	91.0	136.4
77	50.8	42.7	64.1
79	52.0	41.4	62.2



#18
Hexachloroethane
Concen: 42.528 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:	117	Resp:	53402
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	120.2	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 35.915 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 83517

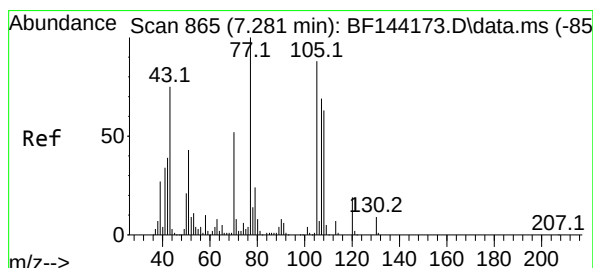
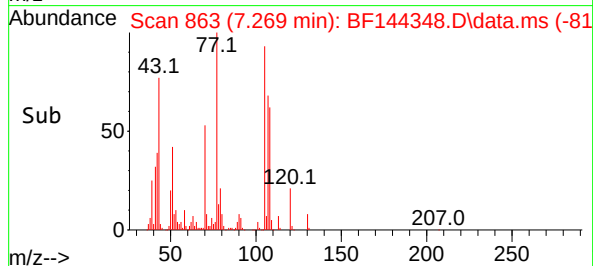
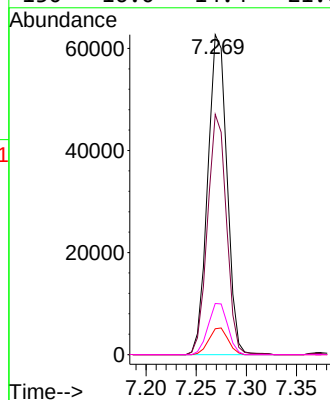
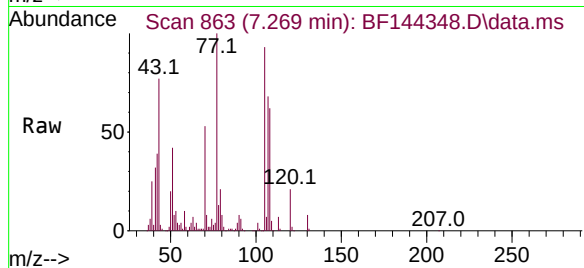
Ion Ratio Lower Upper

70 100

42 75.1 58.3 87.5

101 8.1 7.0 10.6

130 16.0 14.4 21.6



#20

3+4-Methylphenols

Concen: 40.354 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Tgt Ion: 107 Resp: 115699

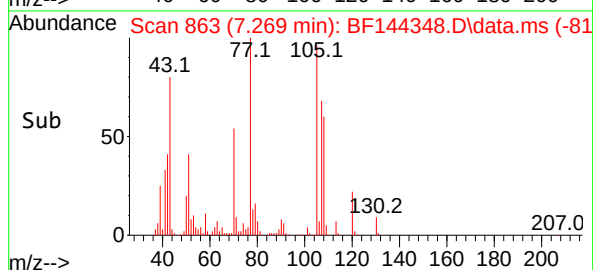
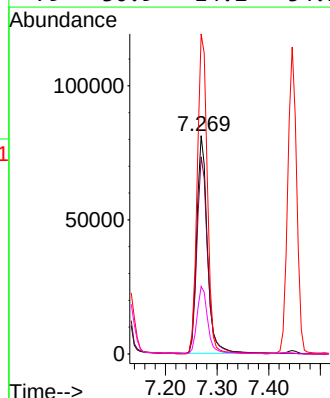
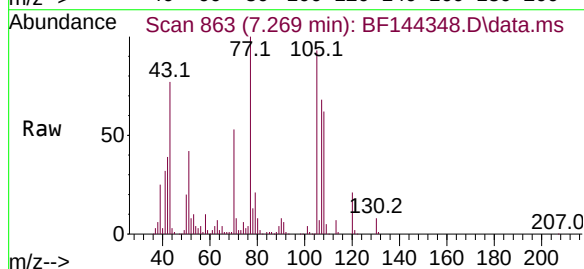
Ion Ratio Lower Upper

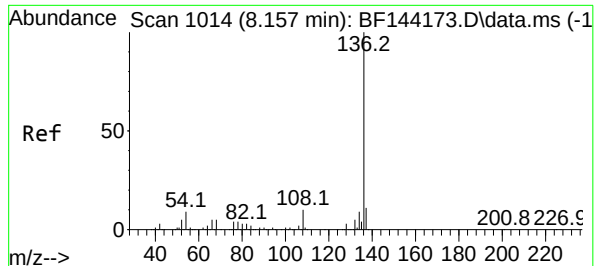
107 100

108 90.3 70.2 110.2

77 146.6 123.9 163.9

79 30.9 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 180679

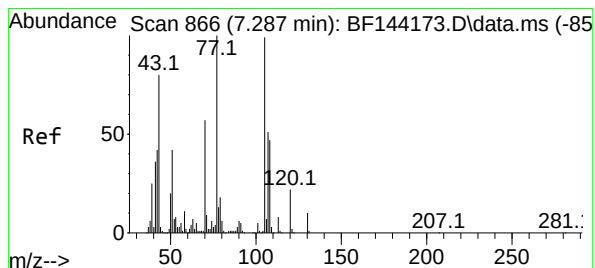
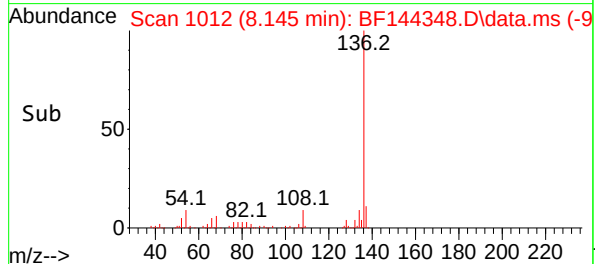
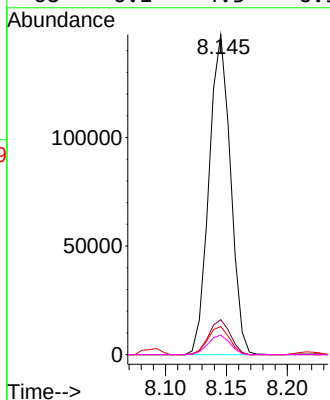
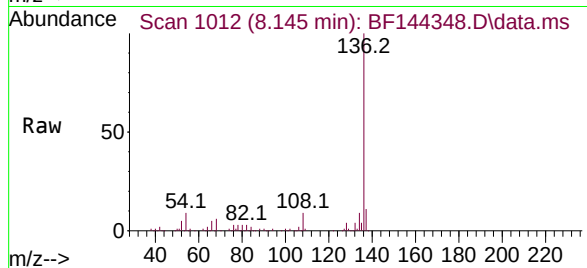
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.8 7.0 10.6

68 6.1 4.3 6.5



#22

Acetophenone

Concen: 39.213 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Tgt Ion:105 Resp: 151990

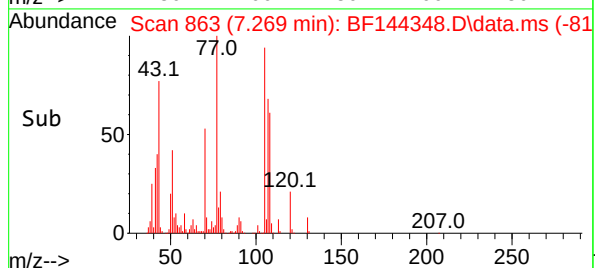
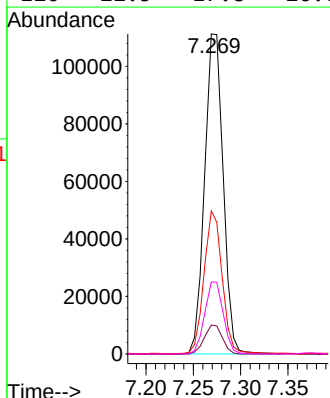
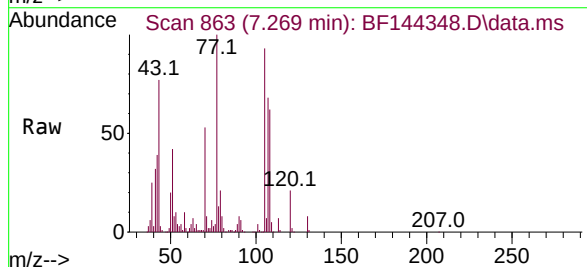
Ion Ratio Lower Upper

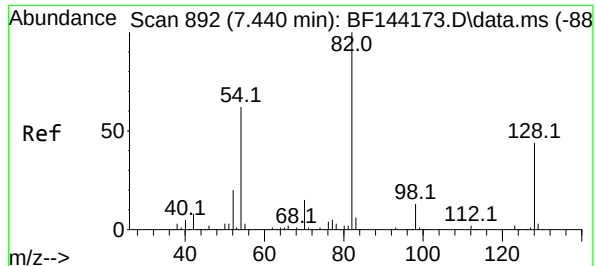
105 100

71 9.1 7.2 10.8

51 44.7 34.0 51.0

120 22.5 17.8 26.6





#23

Nitrobenzene-d5

Concen: 79.932 ng

RT: 7.428 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

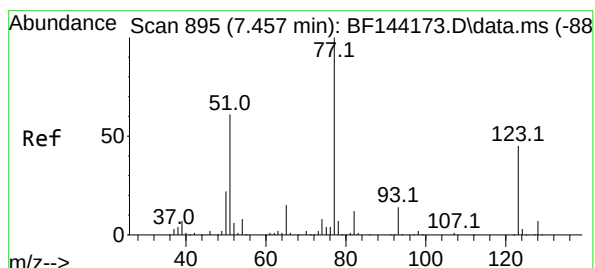
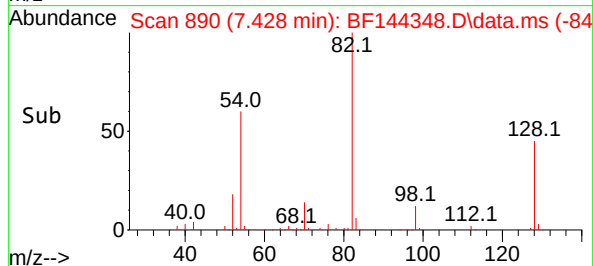
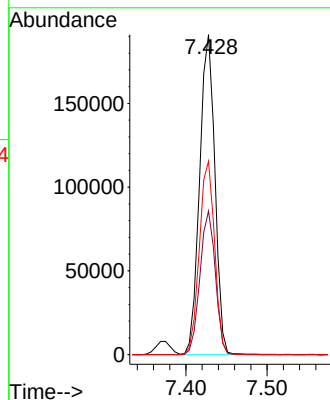
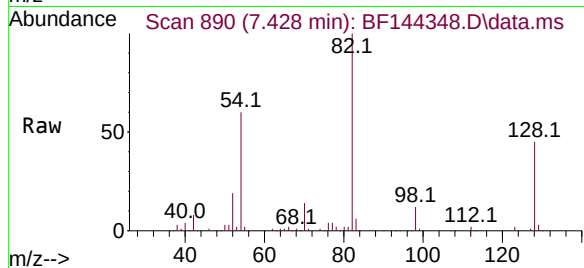
Tgt Ion: 82 Resp: 250057

Ion Ratio Lower Upper

82 100

128 44.9 34.7 52.1

54 60.4 49.5 74.3



#24

Nitrobenzene

Concen: 40.130 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

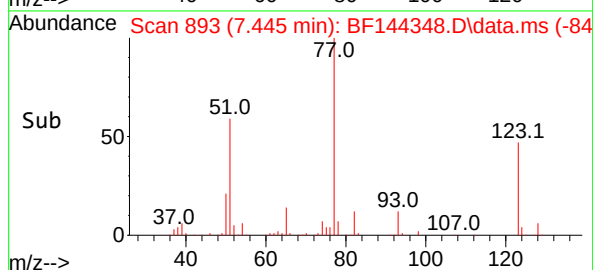
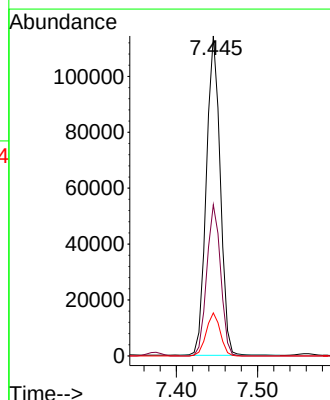
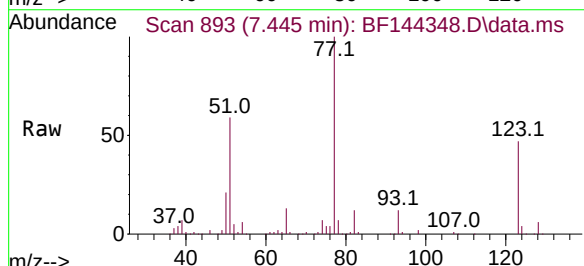
Tgt Ion: 77 Resp: 136310

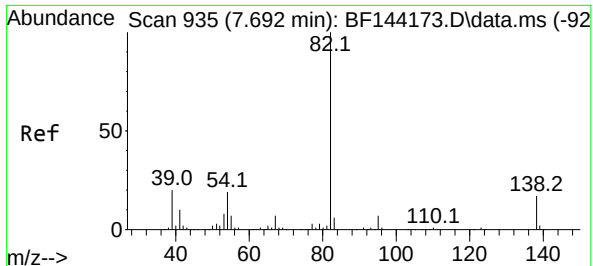
Ion Ratio Lower Upper

77 100

123 47.2 35.8 53.8

65 13.4 12.2 18.2

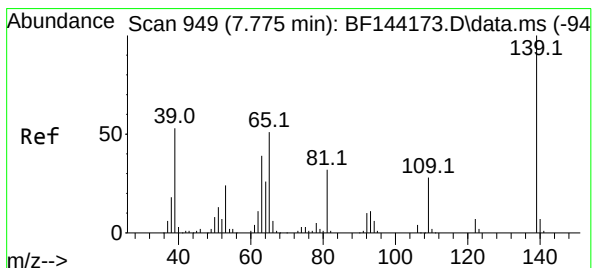
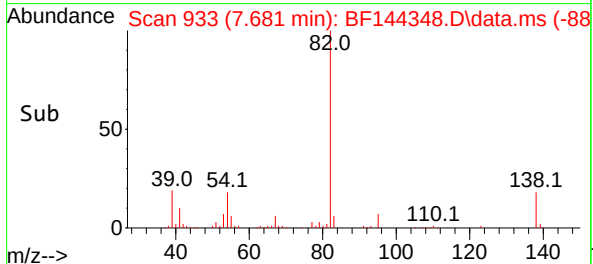
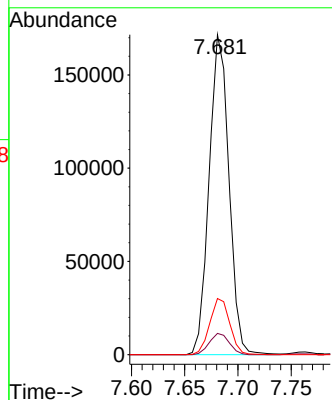
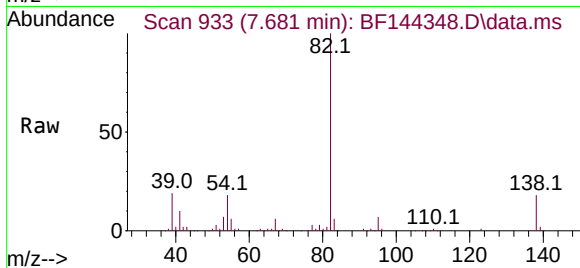




#25
Isophorone
Concen: 37.577 ng
RT: 7.681 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

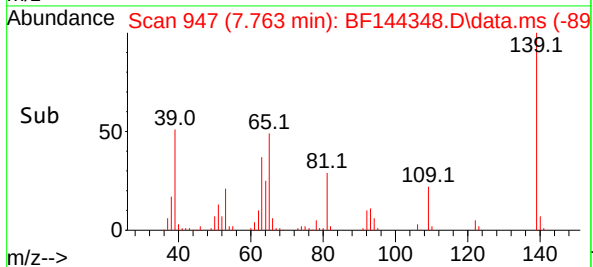
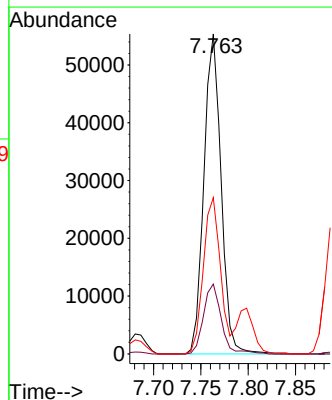
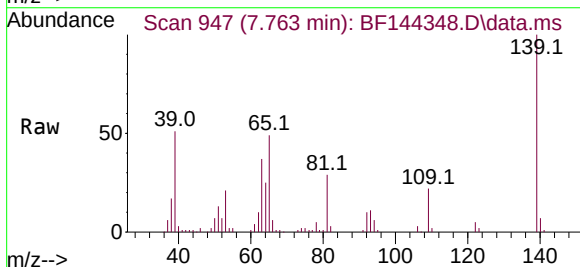
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

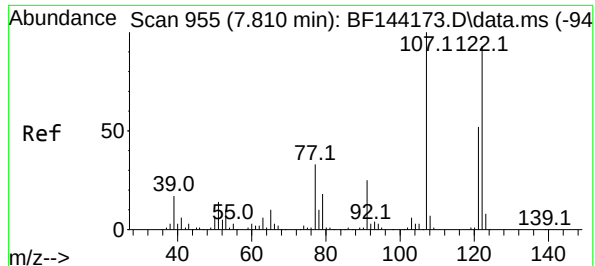
Tgt Ion: 82 Resp: 222358
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 17.5 13.7 20.5



#26
2-Nitrophenol
Concen: 41.608 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion: 139 Resp: 69960
Ion Ratio Lower Upper
139 100
109 21.8 22.2 33.2#
65 48.8 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 41.356 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

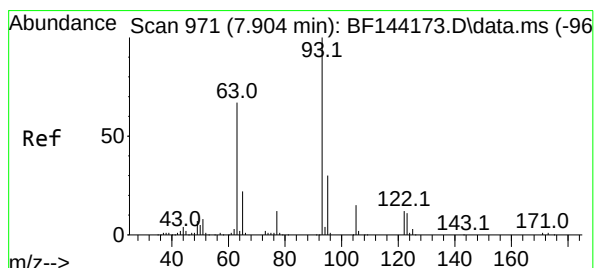
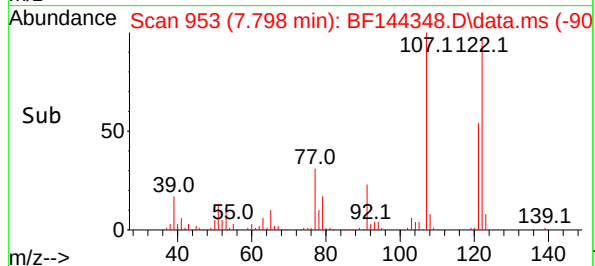
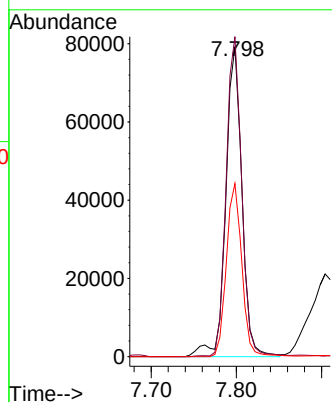
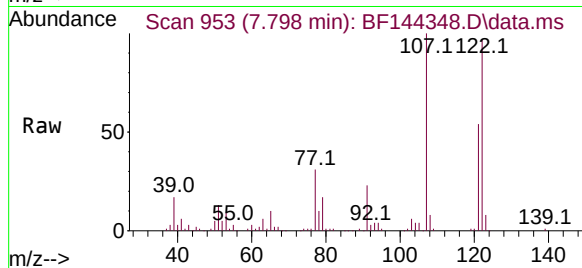
Tgt Ion:122 Resp: 104225

Ion Ratio Lower Upper

122 100

107 103.3 86.2 129.4

121 55.8 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 39.717 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

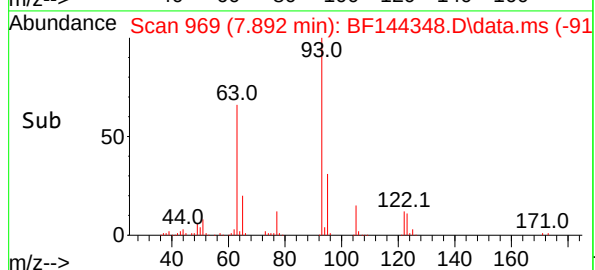
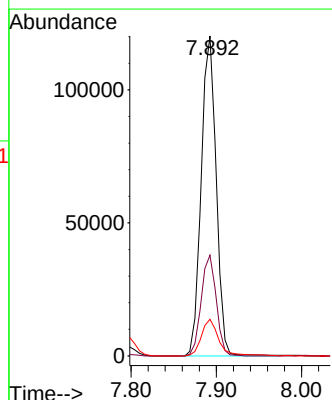
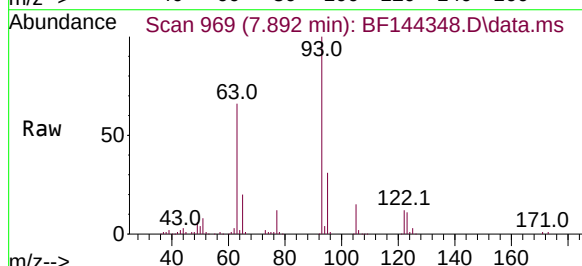
Tgt Ion: 93 Resp: 146761

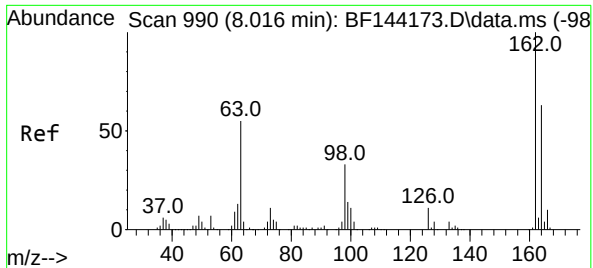
Ion Ratio Lower Upper

93 100

95 31.5 24.2 36.4

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 39.434 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

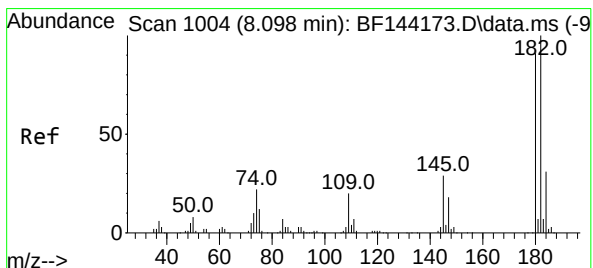
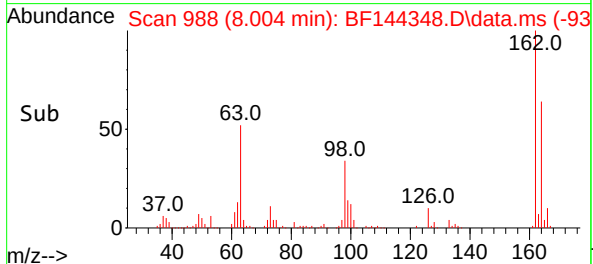
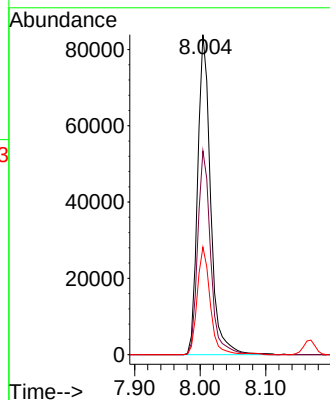
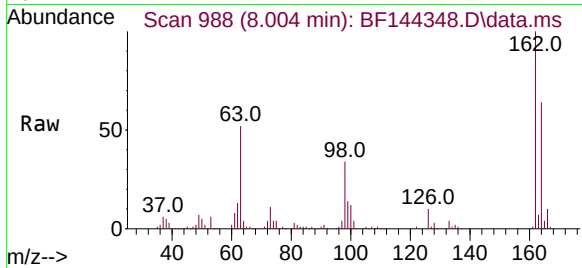
Tgt Ion:162 Resp: 114543

Ion Ratio Lower Upper

162 100

164 63.7 42.9 82.9

98 33.6 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 39.808 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

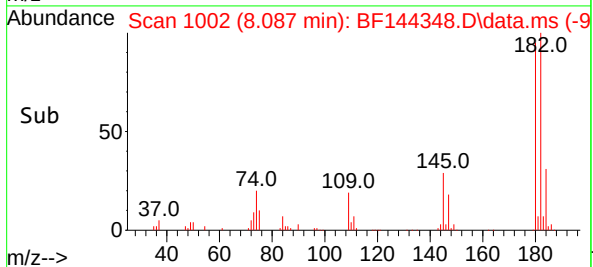
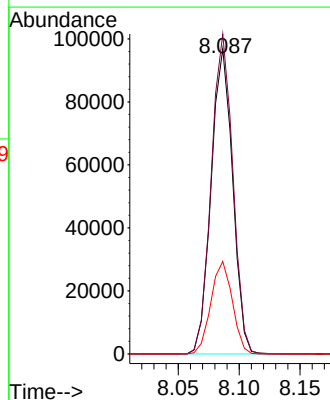
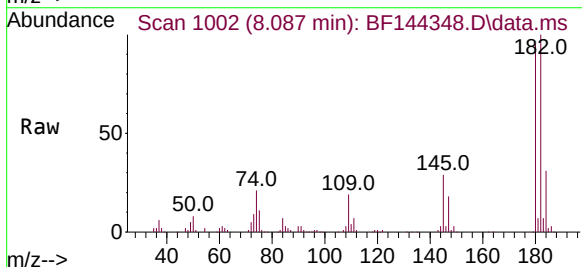
Tgt Ion:180 Resp: 118733

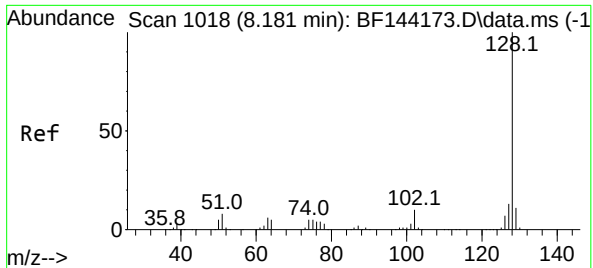
Ion Ratio Lower Upper

180 100

182 104.9 87.7 131.5

145 30.3 25.4 38.0

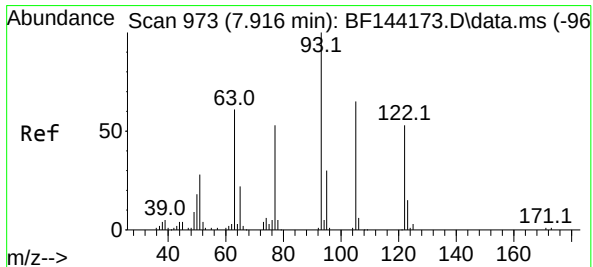
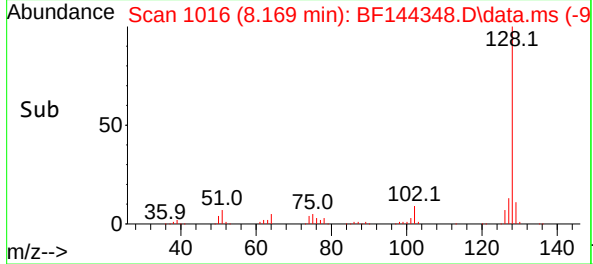
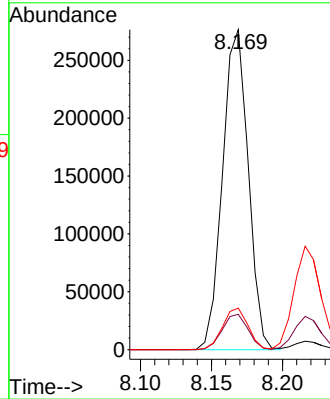
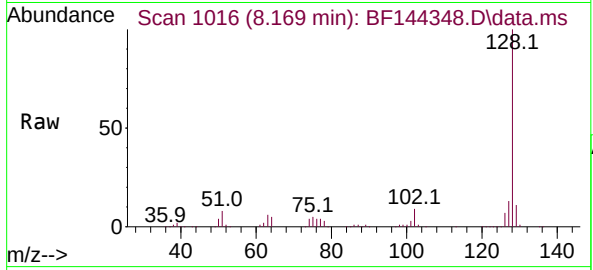




#31
Naphthalene
Concen: 40.378 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

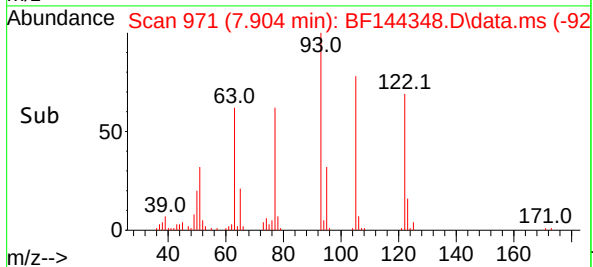
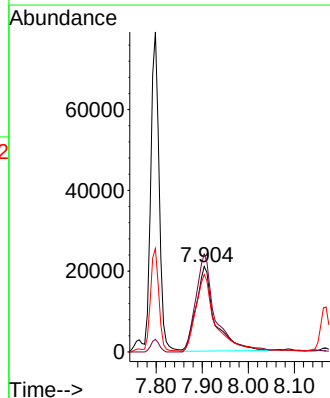
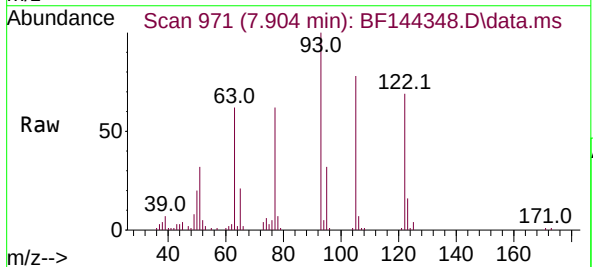
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

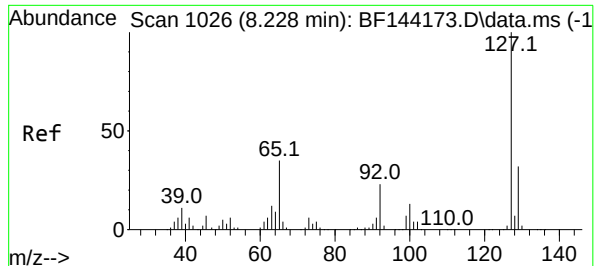
Tgt Ion:128 Resp: 347035
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 32.304 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.047 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:122 Resp: 59676
Ion Ratio Lower Upper
122 100
105 114.5 99.9 139.9
77 90.7 77.5 117.5





#33

4-Chloroaniline

Concen: 38.804 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 121635

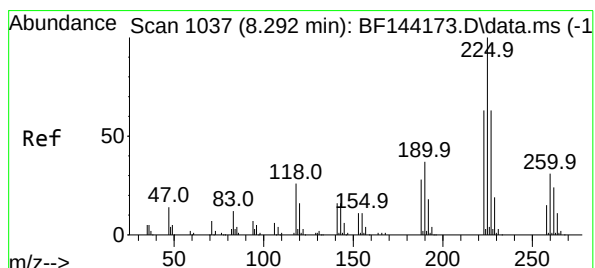
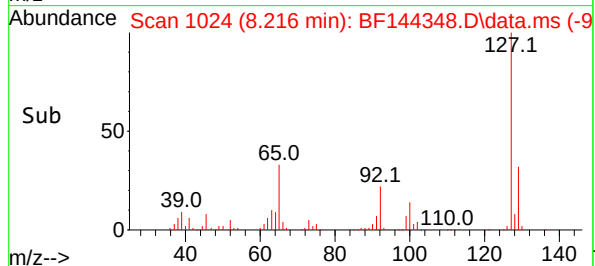
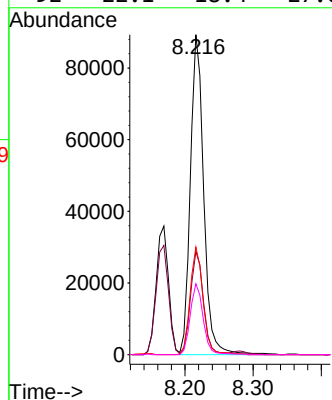
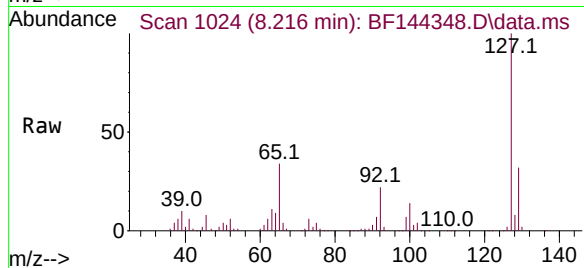
Ion Ratio Lower Upper

127 100

129 32.2 25.3 37.9

65 33.6 27.6 41.4

92 22.1 18.4 27.6



#34

Hexachlorobutadiene

Concen: 37.463 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

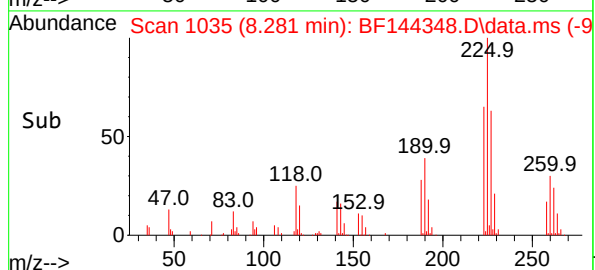
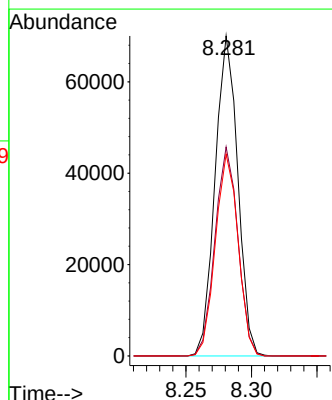
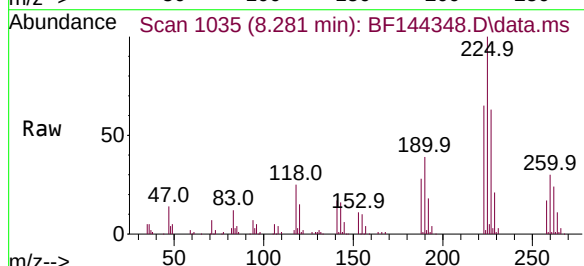
Tgt Ion:225 Resp: 84211

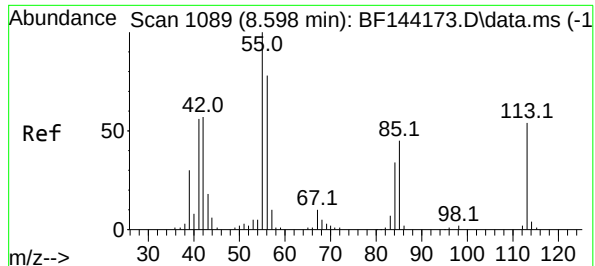
Ion Ratio Lower Upper

225 100

223 65.3 50.2 75.4

227 63.0 50.1 75.1





#35

Caprolactam

Concen: 35.178 ng

RT: 8.581 min Scan# 1086

Delta R.T. -0.041 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

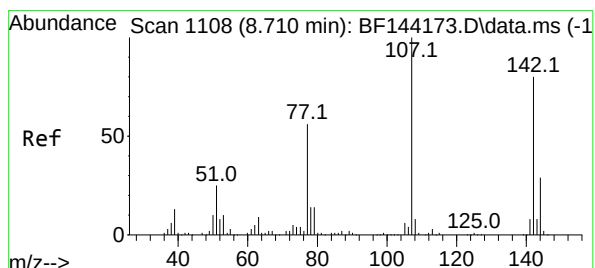
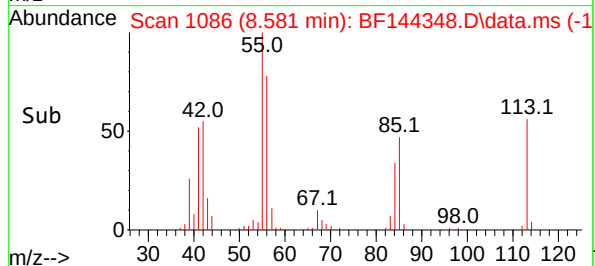
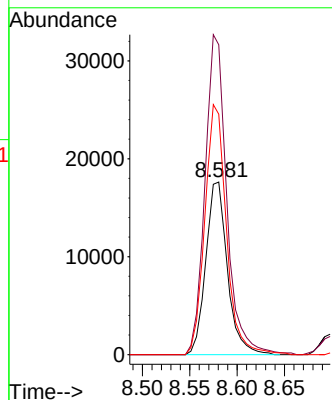
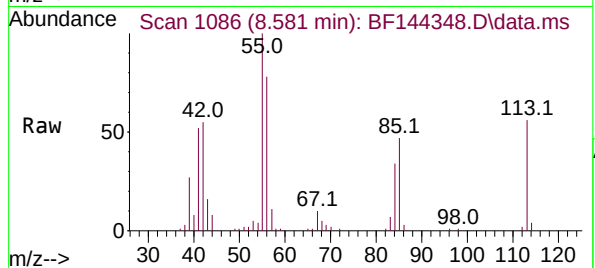
Tgt Ion:113 Resp: 27994

Ion Ratio Lower Upper

113 100

55 179.5 166.8 206.8

56 139.2 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 37.014 ng

RT: 8.698 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

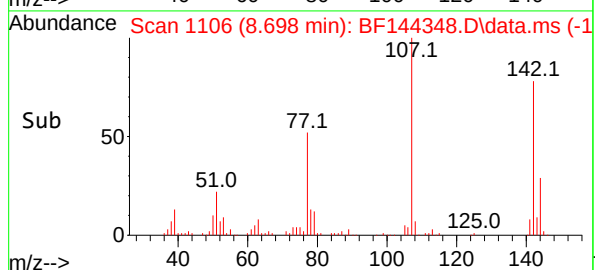
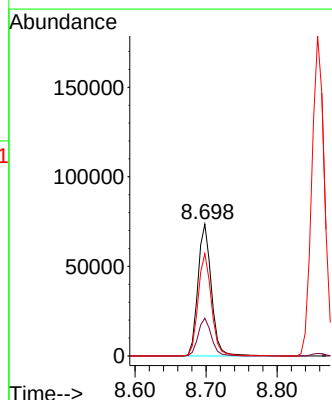
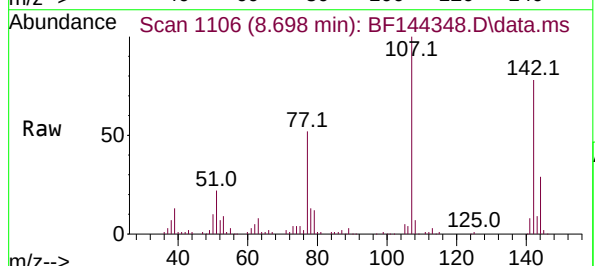
Tgt Ion:107 Resp: 96354

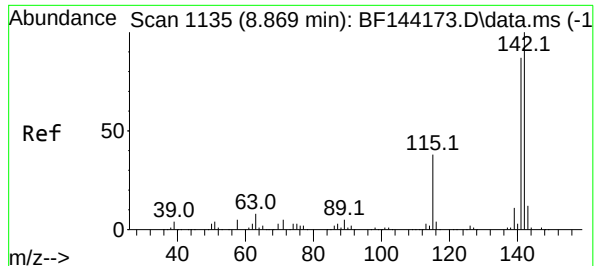
Ion Ratio Lower Upper

107 100

144 28.6 23.3 34.9

142 77.6 63.8 95.6





#37

2-Methylnaphthalene

Concen: 38.166 ng

RT: 8.857 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

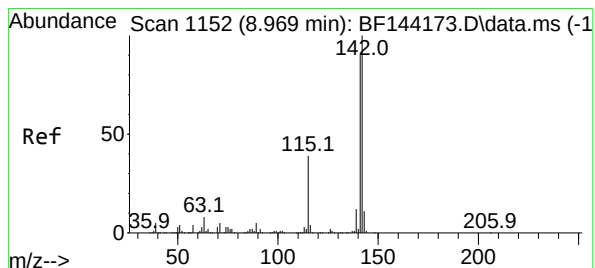
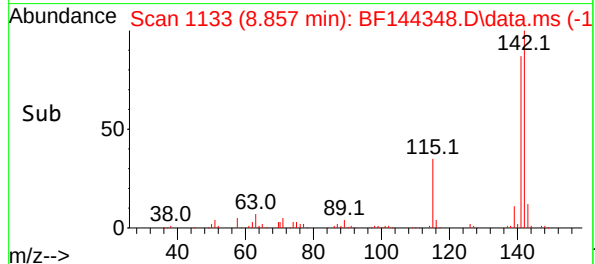
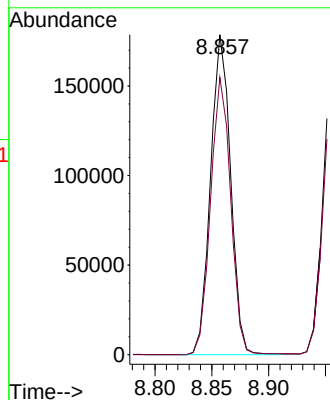
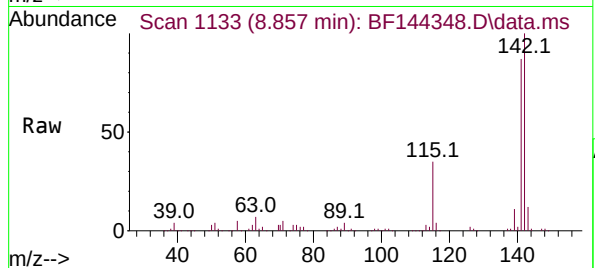
SSTDCCC040

Tgt Ion:142 Resp: 219317

Ion Ratio Lower Upper

142 100

141 86.6 69.9 104.9



#38

1-Methylnaphthalene

Concen: 37.735 ng

RT: 8.957 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF144348.D

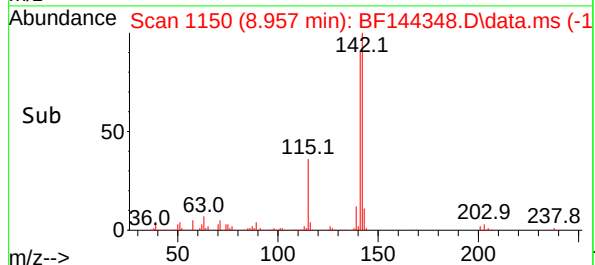
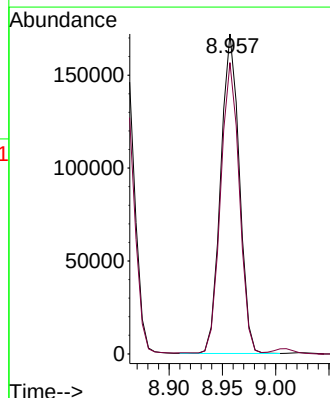
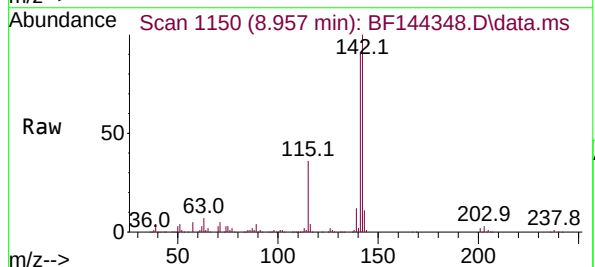
Acq: 25 Nov 2025 13:54

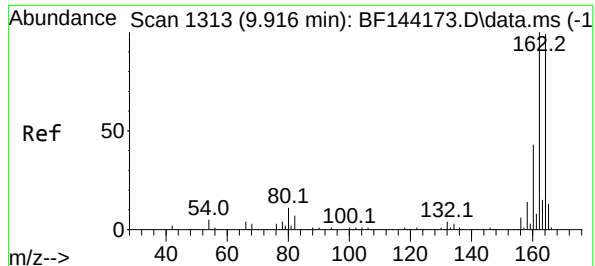
Tgt Ion:142 Resp: 209225

Ion Ratio Lower Upper

142 100

141 91.0 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

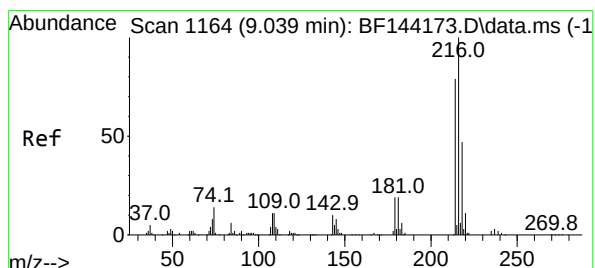
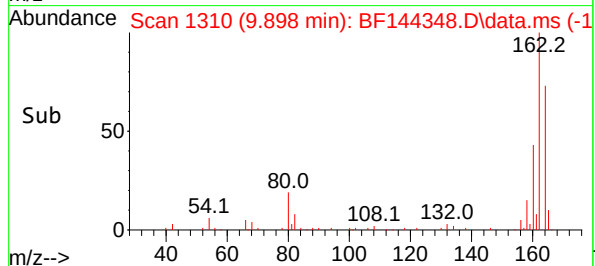
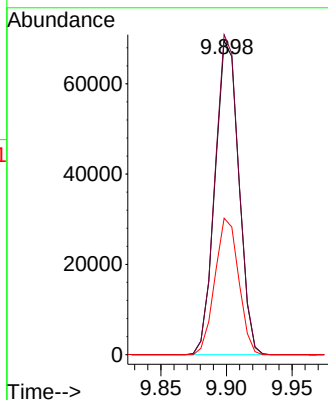
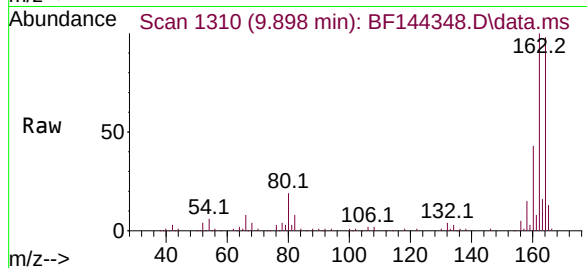
Tgt Ion:164 Resp: 87905

Ion Ratio Lower Upper

164 100

162 101.8 81.1 121.7

160 43.4 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.821 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Tgt Ion:216 Resp: 120482

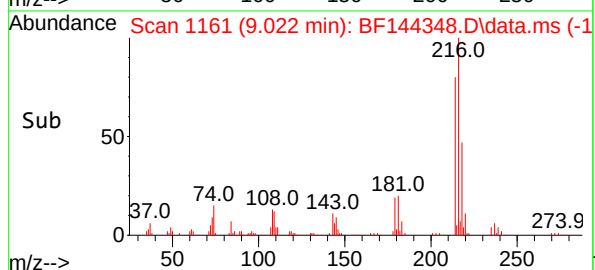
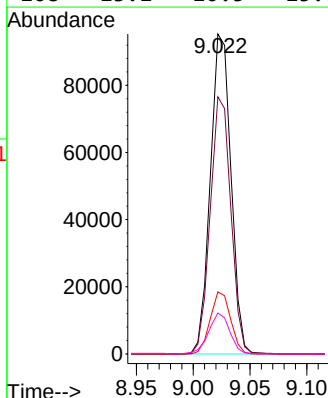
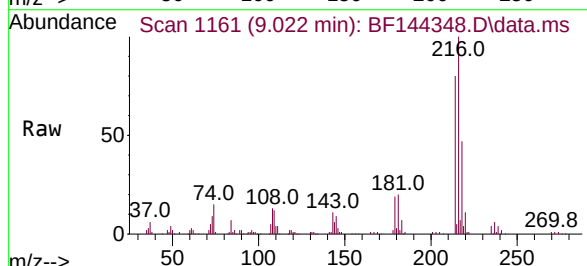
Ion Ratio Lower Upper

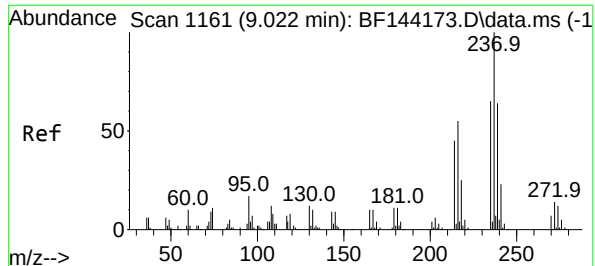
216 100

214 80.3 63.4 95.2

179 19.1 15.0 22.4

108 13.1 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 34.982 ng

RT: 9.010 min Scan# 1161

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

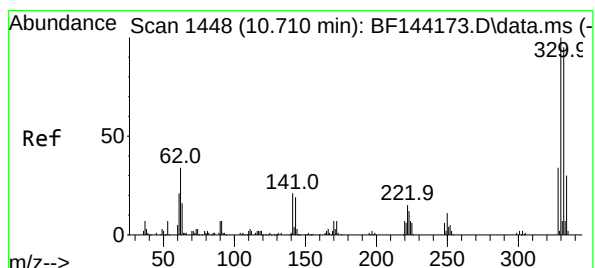
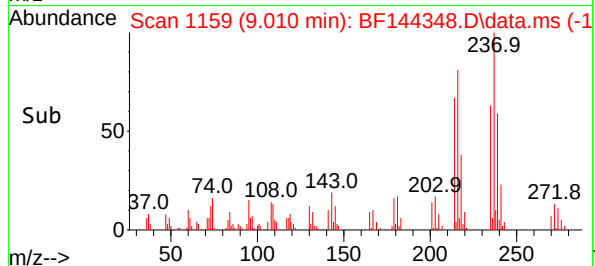
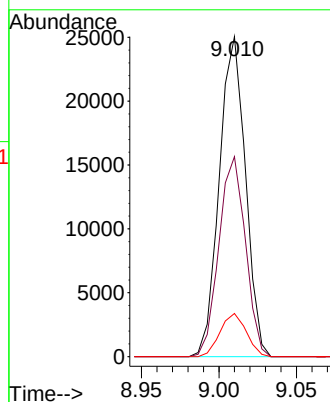
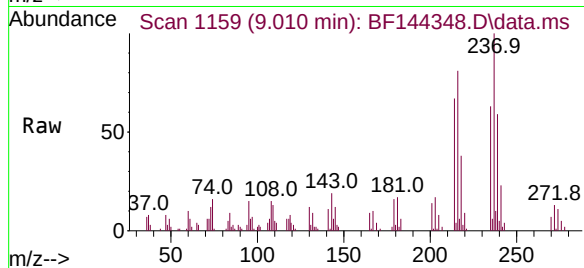
Tgt Ion:237 Resp: 29442

Ion Ratio Lower Upper

237 100

235 62.5 45.5 85.5

272 13.5 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 71.250 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

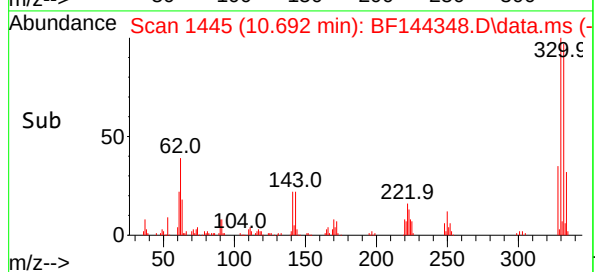
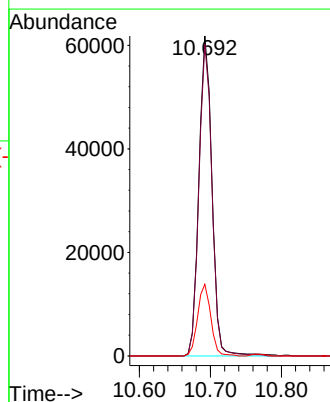
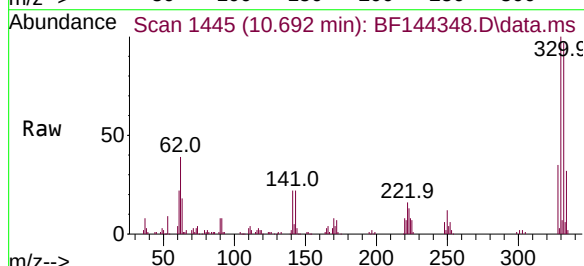
Tgt Ion:330 Resp: 78596

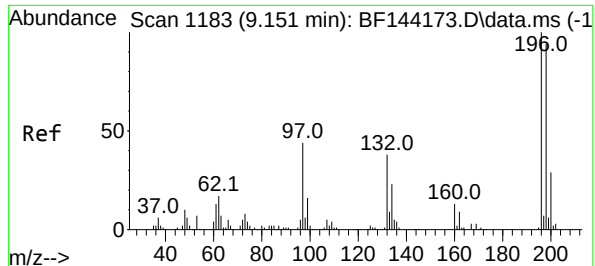
Ion Ratio Lower Upper

330 100

332 96.7 76.7 115.1

141 22.4 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.751 ng

RT: 9.139 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

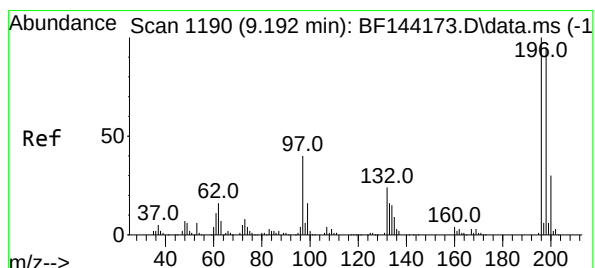
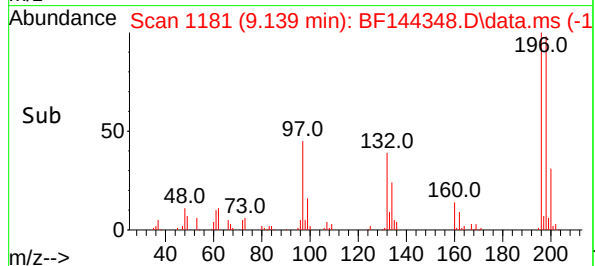
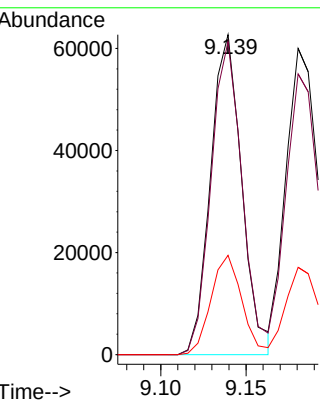
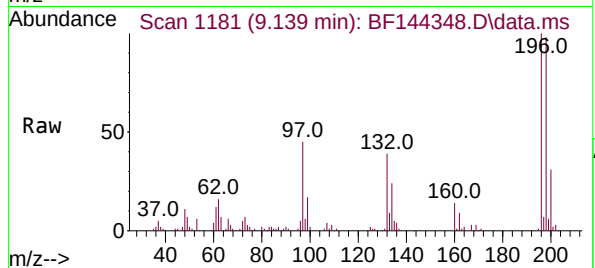
Tgt Ion:196 Resp: 79905

Ion Ratio Lower Upper

196 100

198 97.8 75.3 112.9

200 31.0 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 39.839 ng

RT: 9.181 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Tgt Ion:196 Resp: 84192

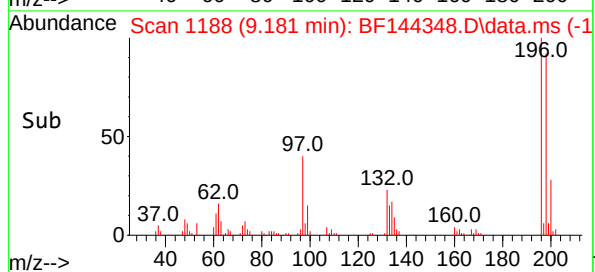
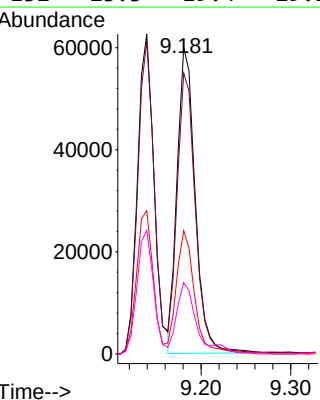
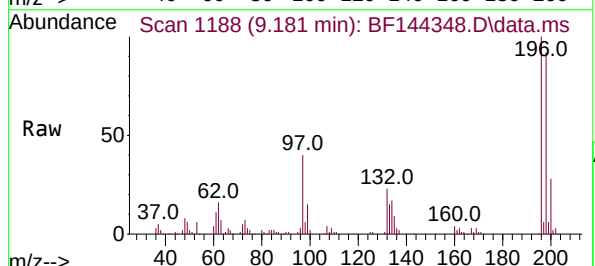
Ion Ratio Lower Upper

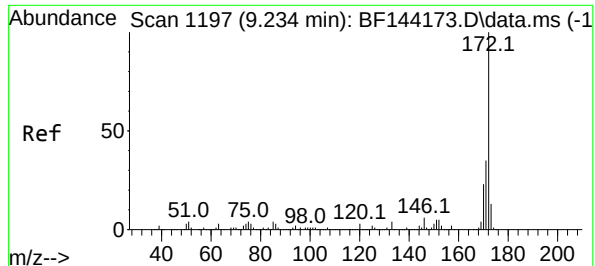
196 100

198 91.7 76.1 114.1

97 40.2 31.9 47.9

132 23.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 82.830 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

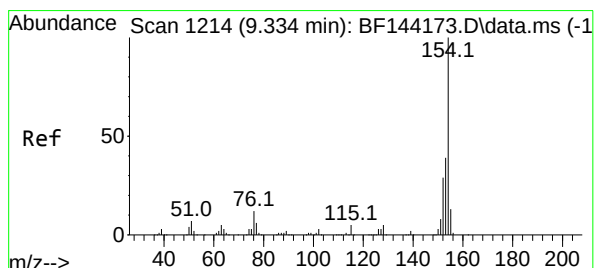
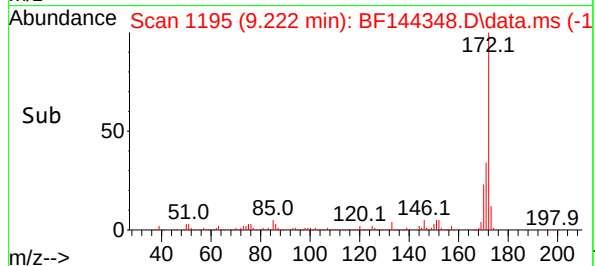
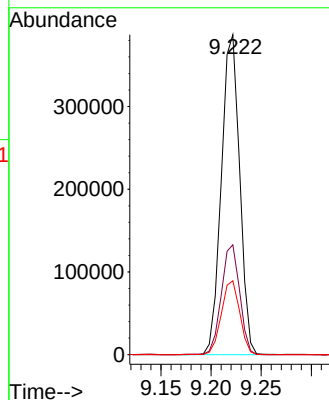
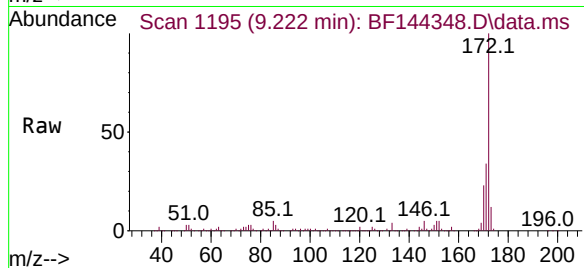
Tgt Ion:172 Resp: 492993

Ion Ratio Lower Upper

172 100

171 34.3 28.1 42.1

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.052 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

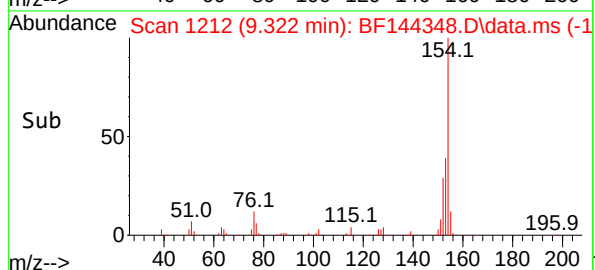
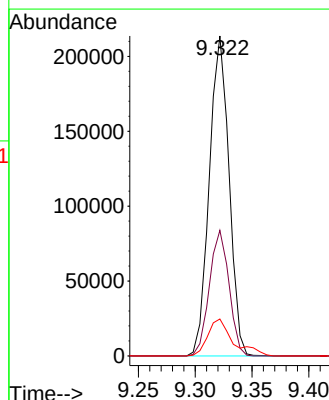
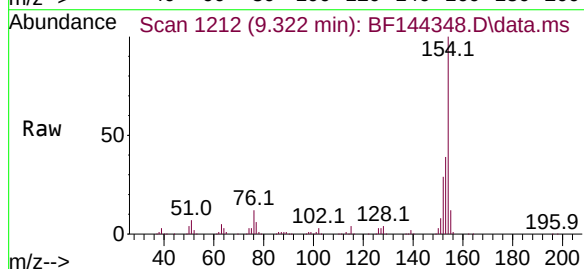
Tgt Ion:154 Resp: 258035

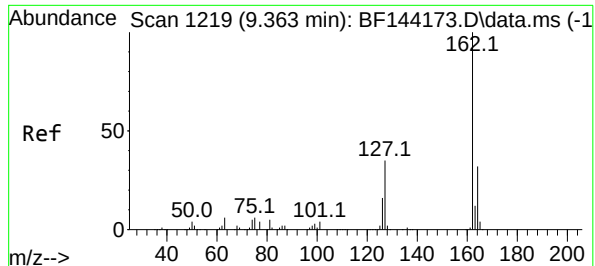
Ion Ratio Lower Upper

154 100

153 39.2 19.2 59.2

76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.252 ng

RT: 9.345 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

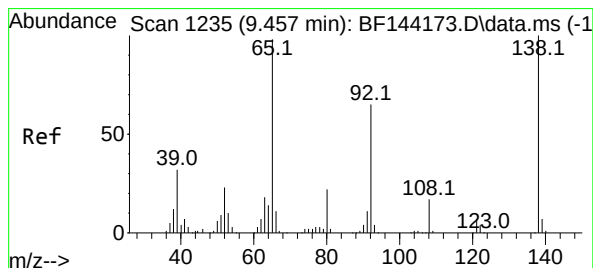
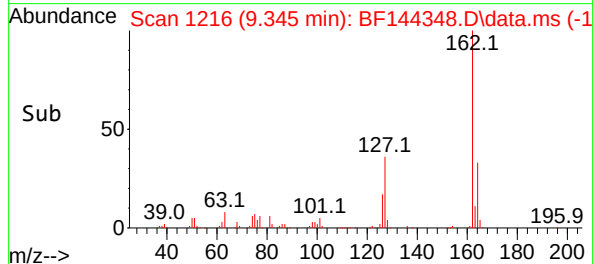
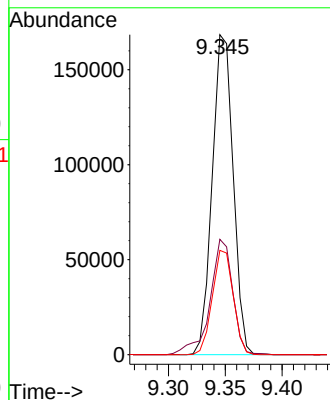
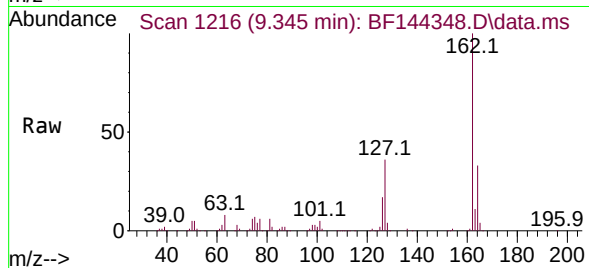
Tgt Ion:162 Resp: 215916

Ion Ratio Lower Upper

162 100

127 36.0 28.8 43.2

164 32.6 25.8 38.8



#48

2-Nitroaniline

Concen: 39.182 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

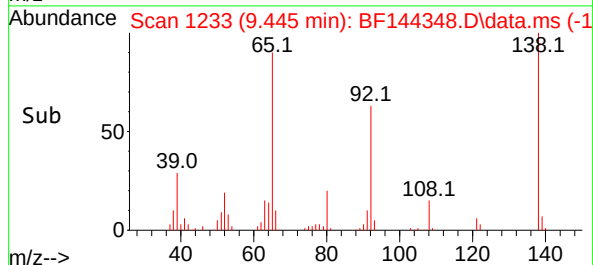
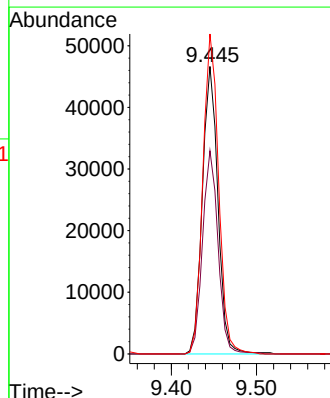
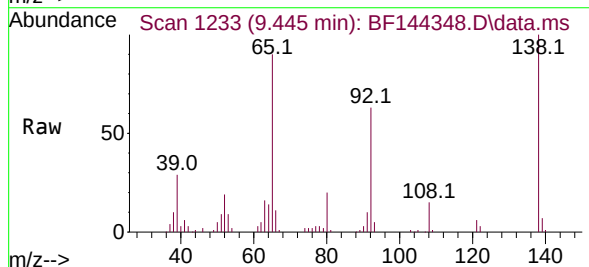
Tgt Ion: 65 Resp: 59174

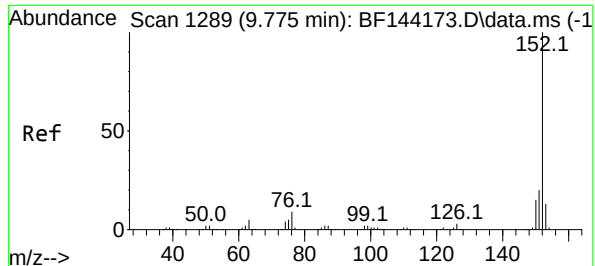
Ion Ratio Lower Upper

65 100

92 70.7 53.0 79.6

138 111.3 81.6 122.4





#49

Acenaphthylene

Concen: 40.909 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

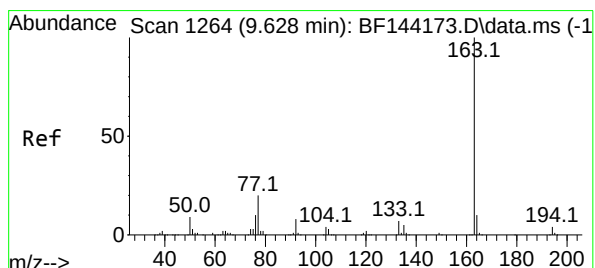
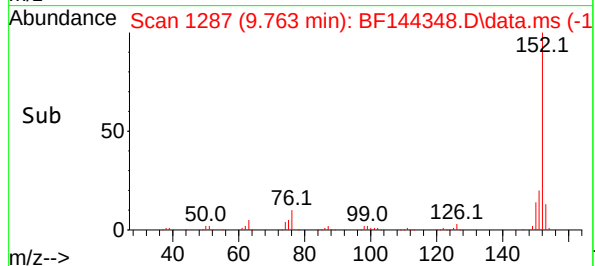
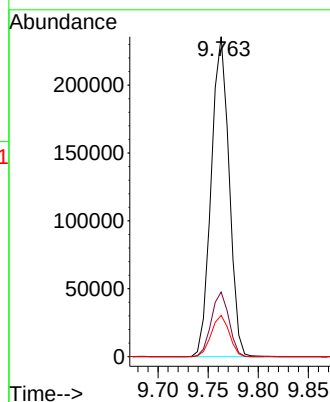
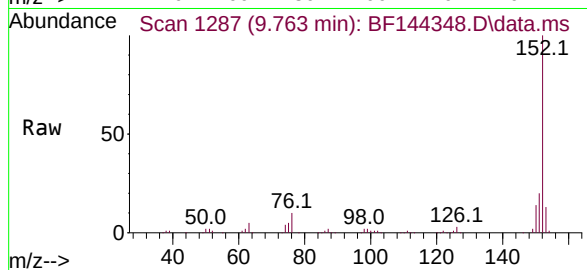
Tgt Ion:152 Resp: 291788

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 12.9 10.5 15.7



#50

Dimethylphthalate

Concen: 39.061 ng

RT: 9.616 min Scan# 1262

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

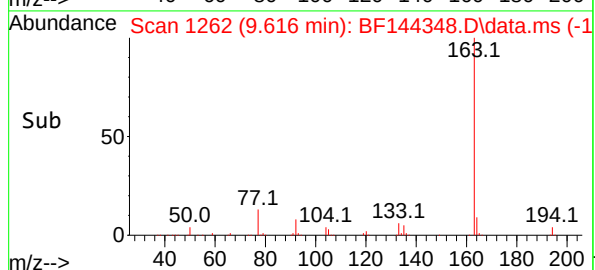
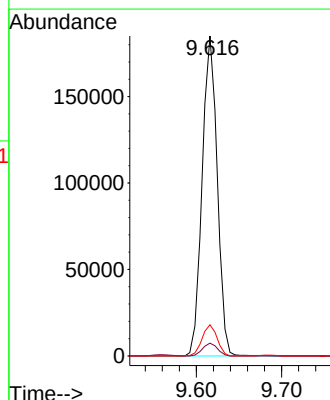
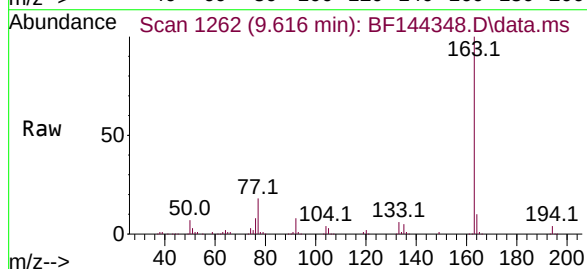
Tgt Ion:163 Resp: 227472

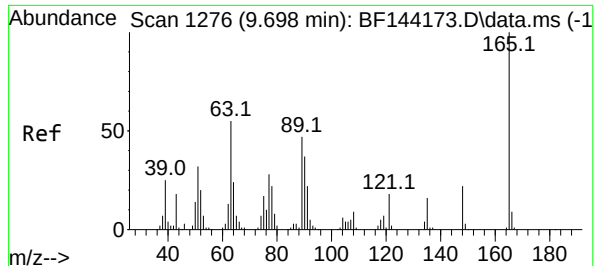
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.7 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.332 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

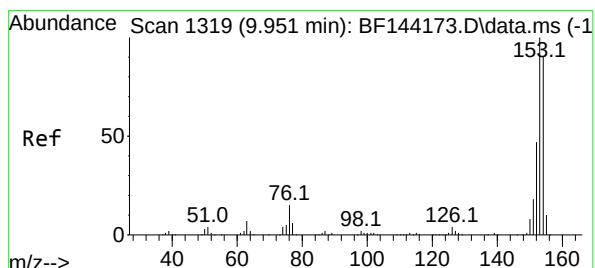
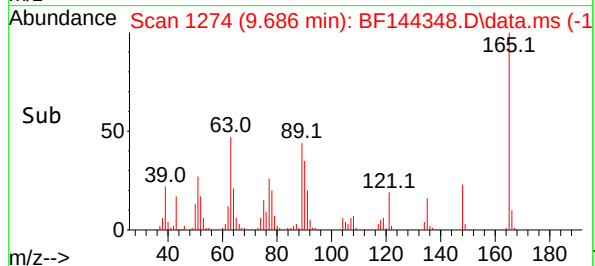
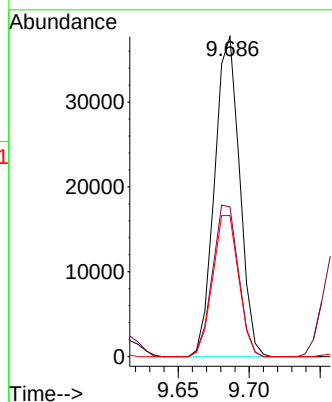
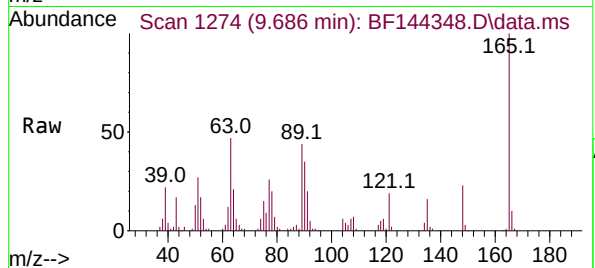
Tgt Ion:165 Resp: 46367

Ion Ratio Lower Upper

165 100

63 46.8 43.8 65.8

89 44.1 37.5 56.3



#52

Acenaphthene

Concen: 37.975 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

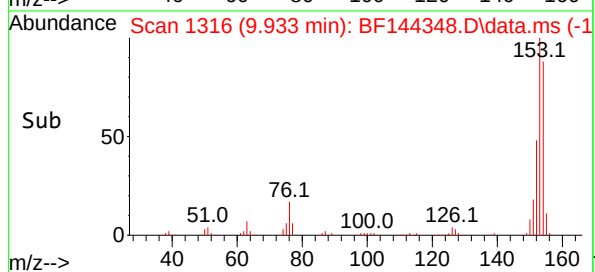
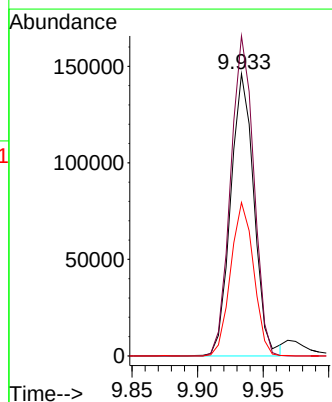
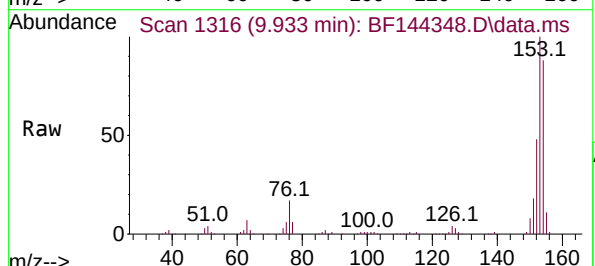
Tgt Ion:154 Resp: 181131

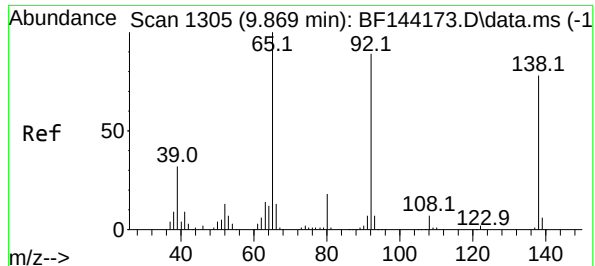
Ion Ratio Lower Upper

154 100

153 113.4 89.0 133.4

152 54.4 42.2 63.4





#53

3-Nitroaniline

Concen: 41.430 ng

RT: 9.857 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

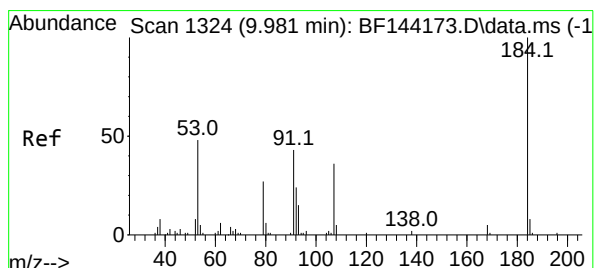
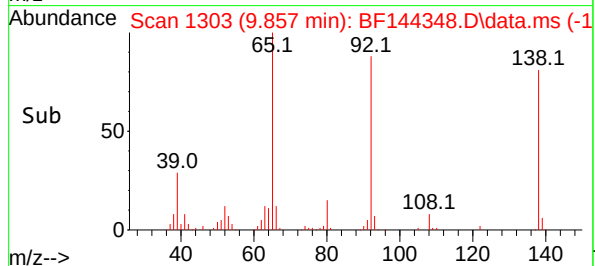
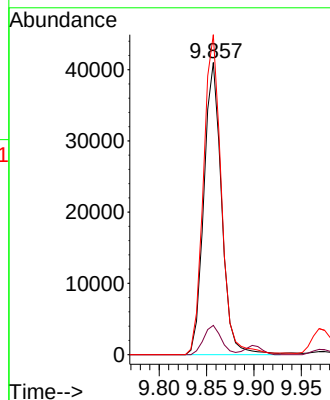
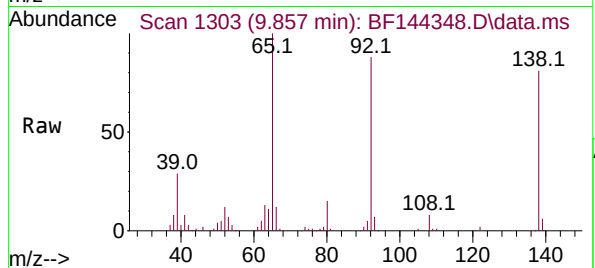
Tgt Ion:138 Resp: 53390

Ion Ratio Lower Upper

138 100

108 10.0 7.5 11.3

92 109.6 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 41.029 ng

RT: 9.969 min Scan# 1322

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

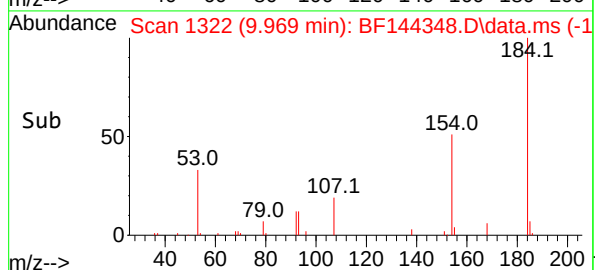
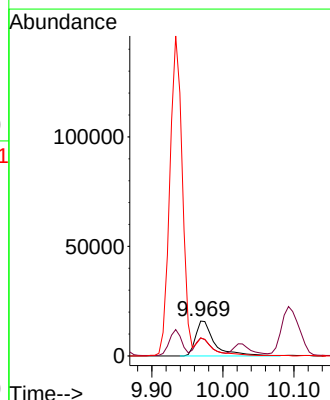
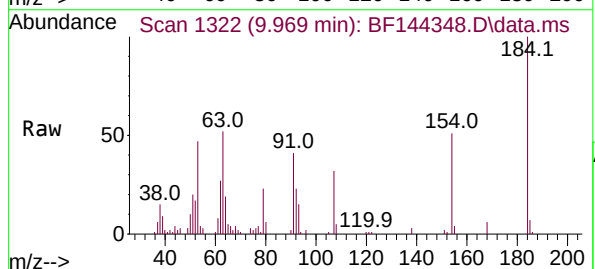
Tgt Ion:184 Resp: 29207

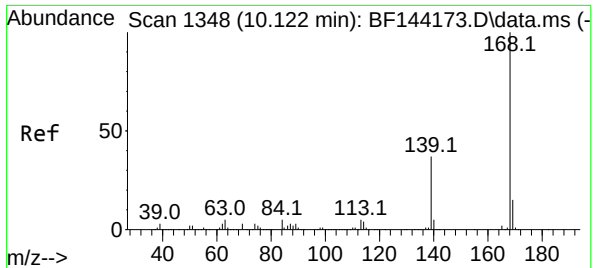
Ion Ratio Lower Upper

184 100

63 51.6 44.0 66.0

154 51.1 42.4 63.6





#55

Dibenzofuran

Concen: 40.081 ng

RT: 10.104 min Scan# 1348

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

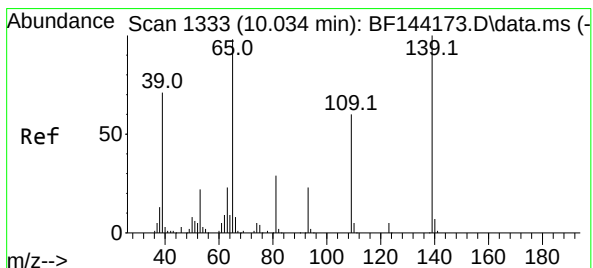
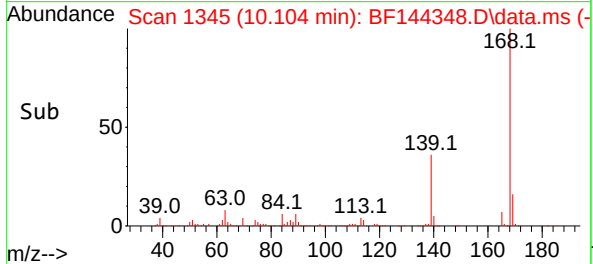
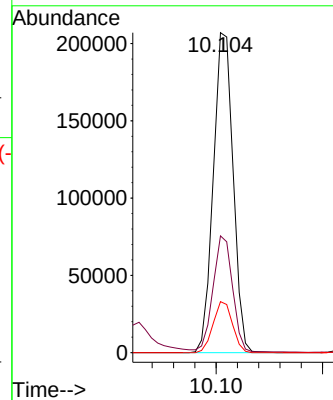
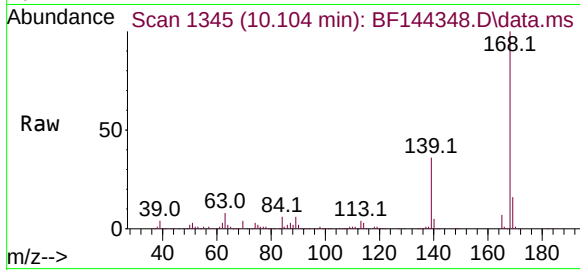
Tgt Ion:168 Resp: 267748

Ion Ratio Lower Upper

168 100

139 36.5 30.2 45.2

169 15.9 12.2 18.4



#56

4-Nitrophenol

Concen: 37.257 ng

RT: 10.028 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

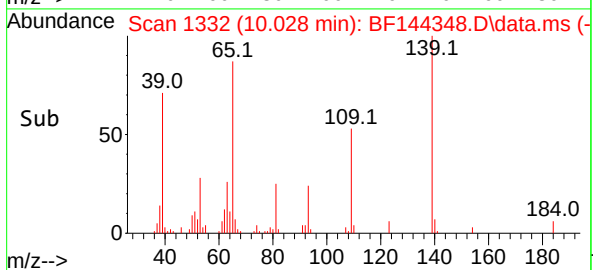
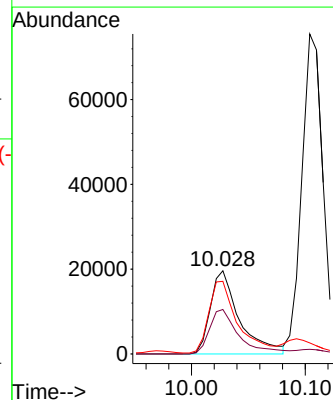
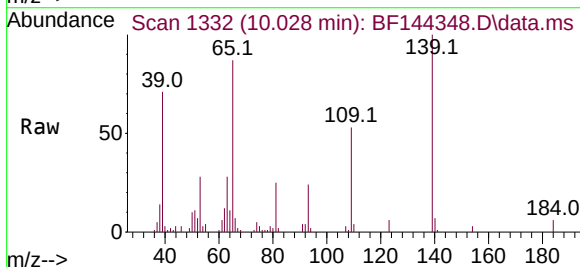
Tgt Ion:139 Resp: 34731

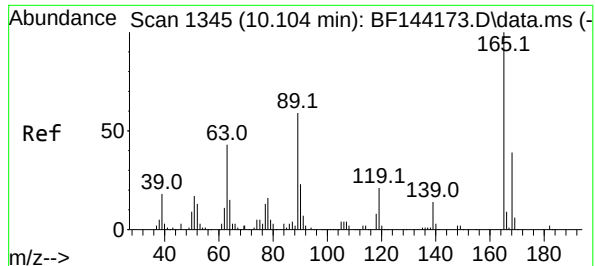
Ion Ratio Lower Upper

139 100

109 53.4 39.9 79.9

65 87.2 79.5 119.5

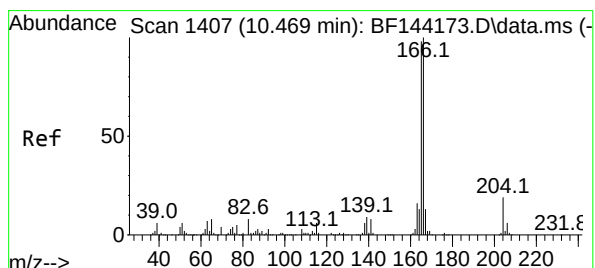
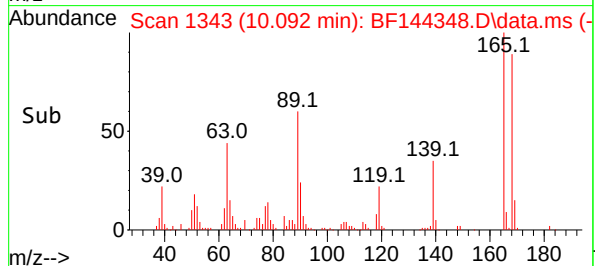
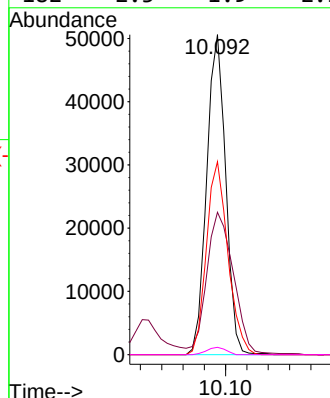
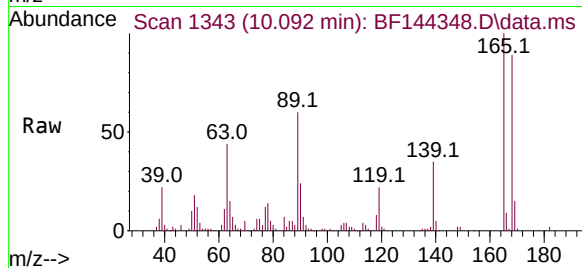




#57
2,4-Dinitrotoluene
Concen: 39.606 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

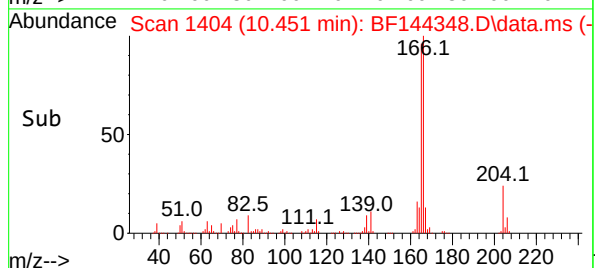
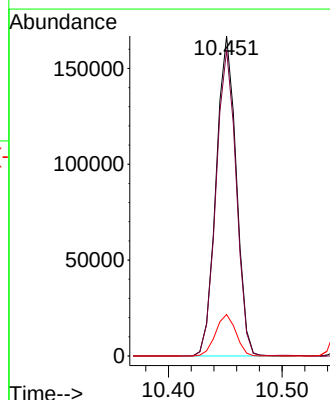
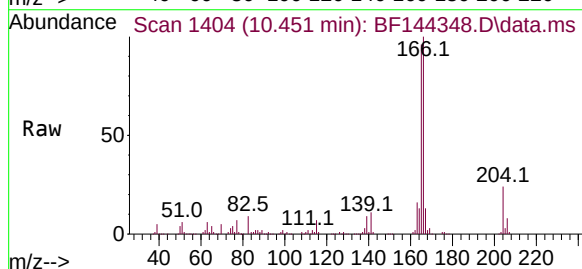
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

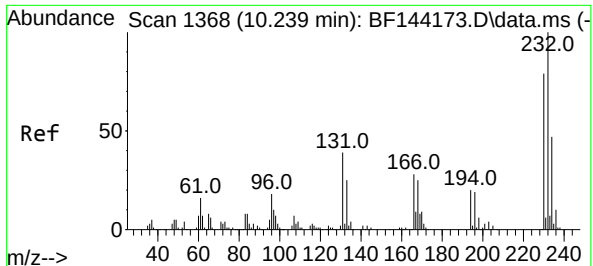
Tgt Ion:165 Resp: 62505
Ion Ratio Lower Upper
165 100
63 44.5 35.5 53.3
89 60.3 47.4 71.2
182 2.3 1.9 2.9



#58
Fluorene
Concen: 40.365 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:166 Resp: 205016
Ion Ratio Lower Upper
166 100
165 95.6 78.6 118.0
167 12.9 10.4 15.6

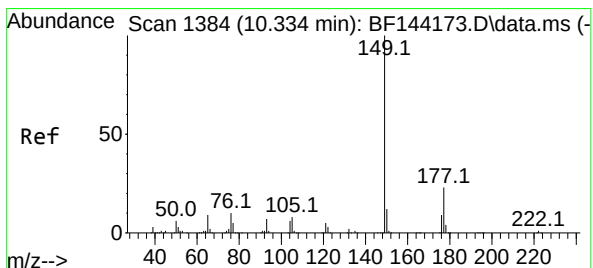
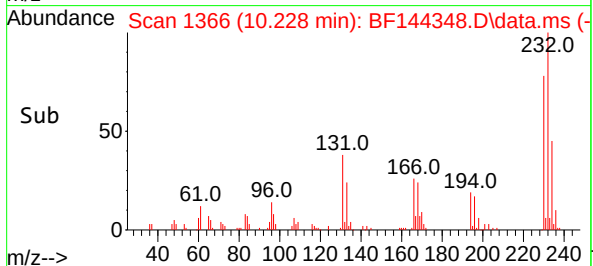
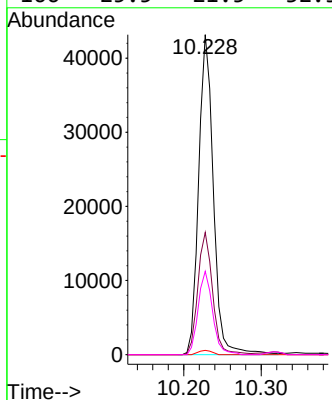
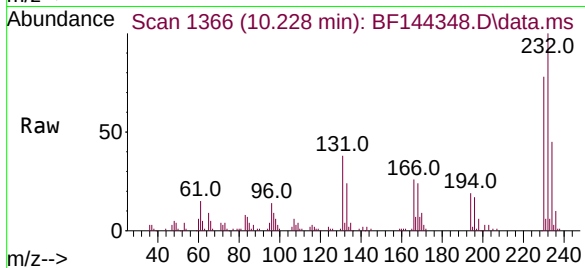




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.100 ng
RT: 10.228 min Scan# 1366
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

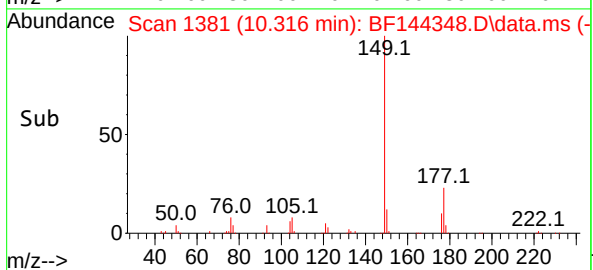
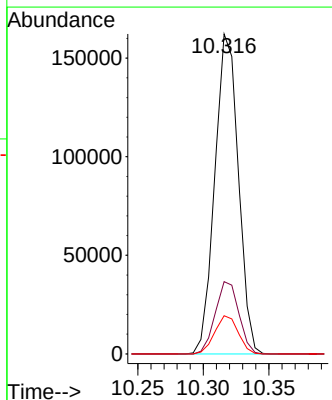
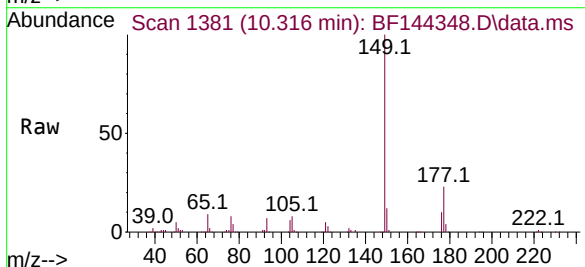
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

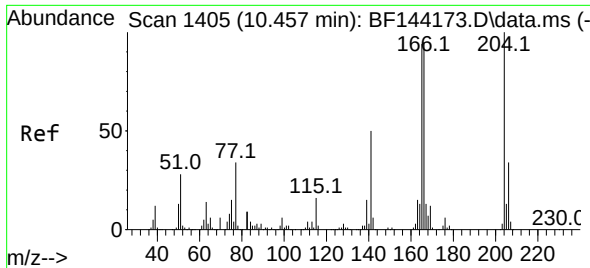
Tgt Ion:232 Resp: 56966
Ion Ratio Lower Upper
232 100
131 38.3 30.3 45.5
130 1.2 1.2 1.8#
166 25.5 21.5 32.3



#60
Diethylphthalate
Concen: 37.785 ng
RT: 10.316 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:149 Resp: 202846
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 11.9 9.8 14.6

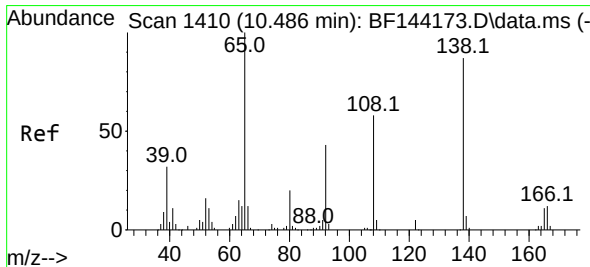
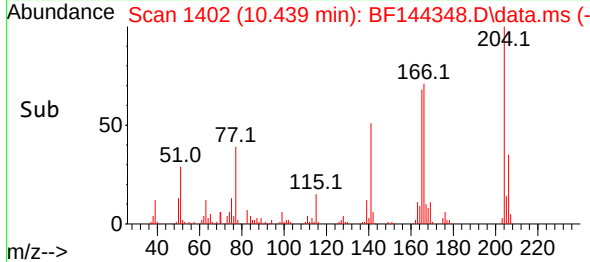
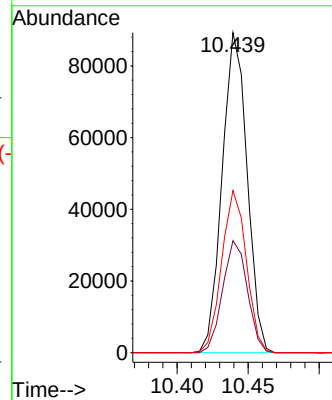
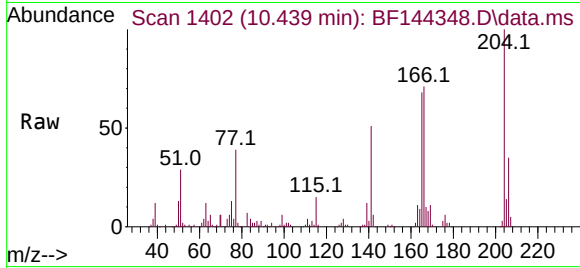




#61
4-Chlorophenyl-phenylether
Concen: 37.744 ng
RT: 10.439 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

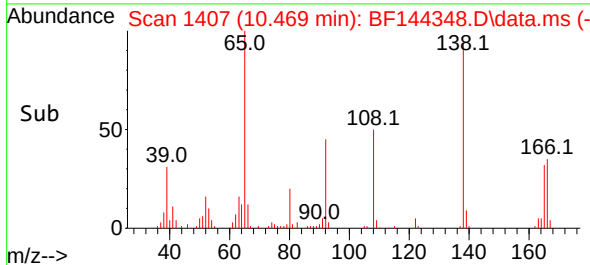
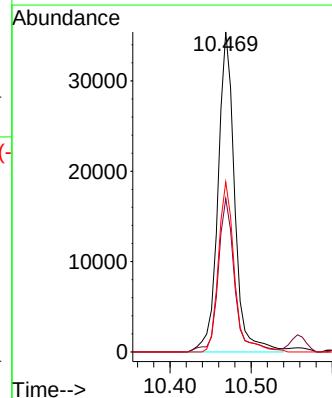
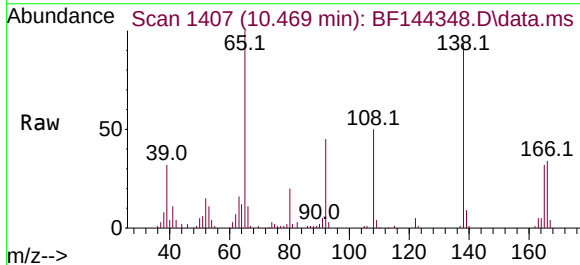
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

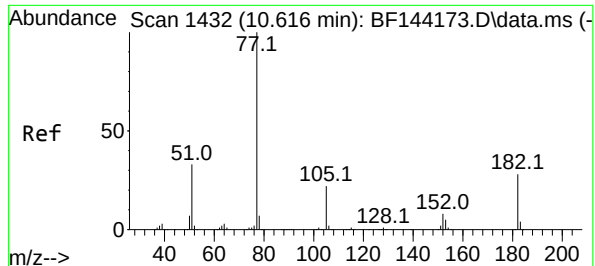
Tgt Ion:204 Resp: 109198
Ion Ratio Lower Upper
204 100
206 35.0 27.4 41.2
141 50.6 40.0 60.0



#62
4-Nitroaniline
Concen: 41.149 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:138 Resp: 50500
Ion Ratio Lower Upper
138 100
92 47.9 29.4 69.4
108 53.1 46.4 86.4





#63

Azobenzene

Concen: 39.276 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 196232

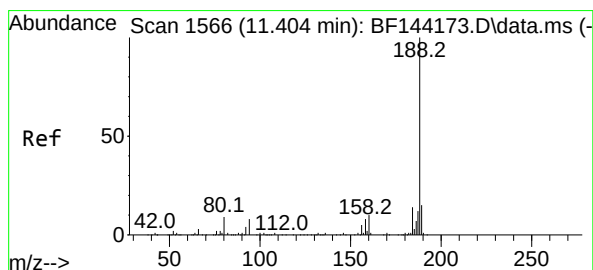
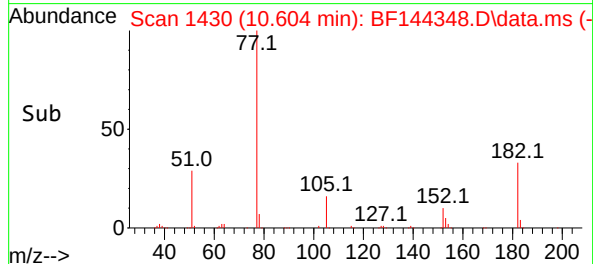
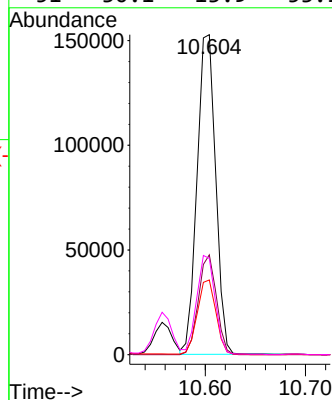
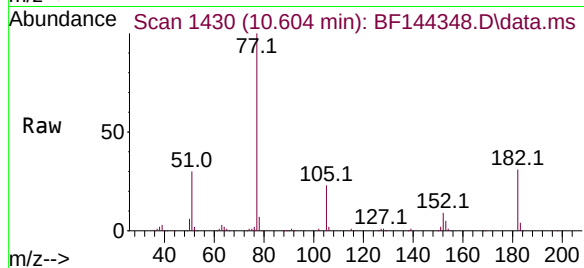
Ion Ratio Lower Upper

77 100

182 31.2 8.1 48.1

105 23.3 2.0 42.0

51 30.1 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

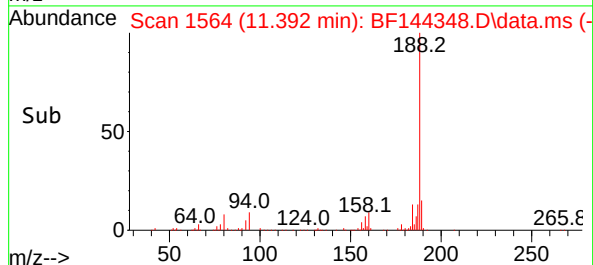
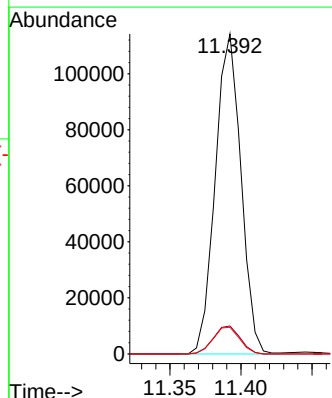
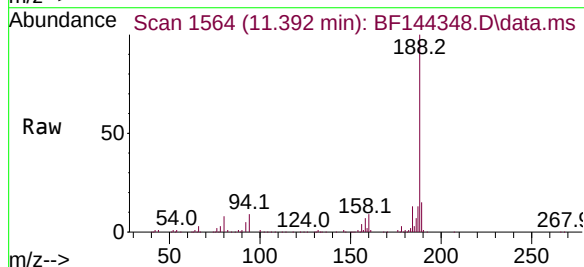
Tgt Ion: 188 Resp: 143543

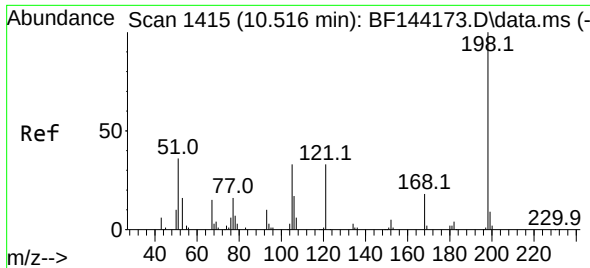
Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.2

80 8.3 6.9 10.3

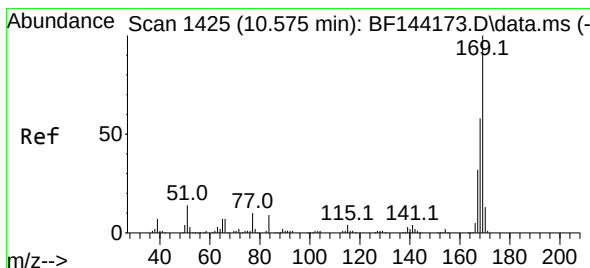
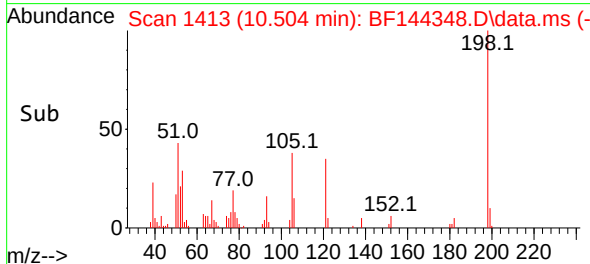
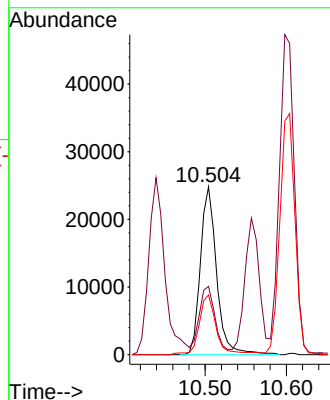
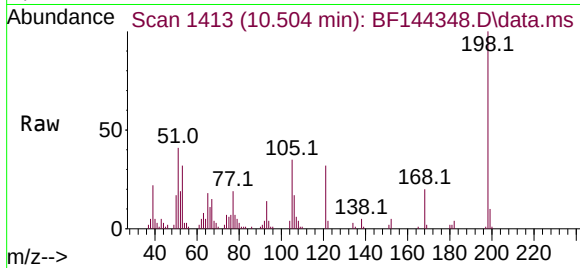




#65
4,6-Dinitro-2-methylphenol
Concen: 35.291 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

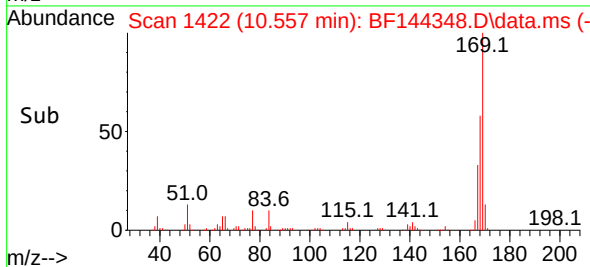
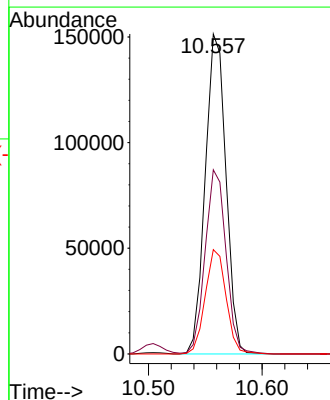
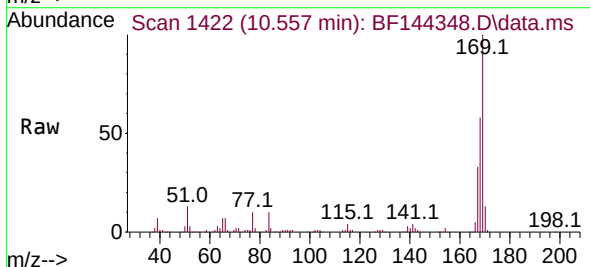
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

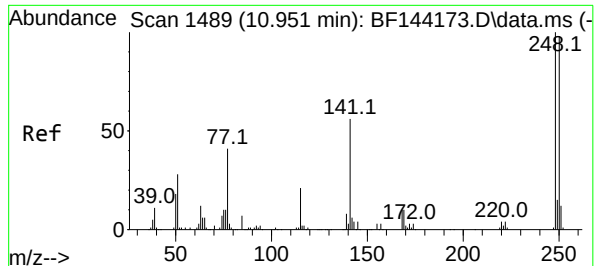
Tgt Ion:198 Resp: 34414
Ion Ratio Lower Upper
198 100
51 40.7 25.6 65.6
105 35.5 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 41.610 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:169 Resp: 192100
Ion Ratio Lower Upper
169 100
168 57.5 46.2 69.2
167 32.6 25.7 38.5

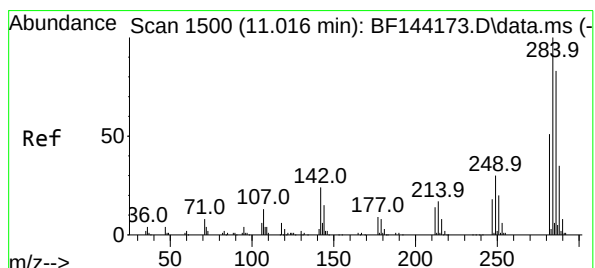
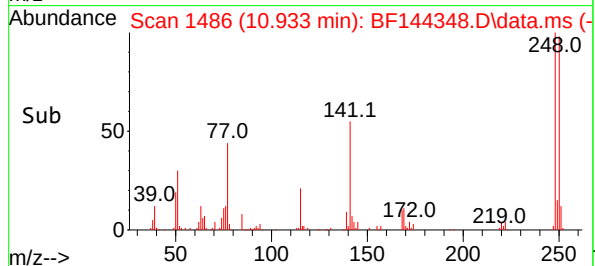
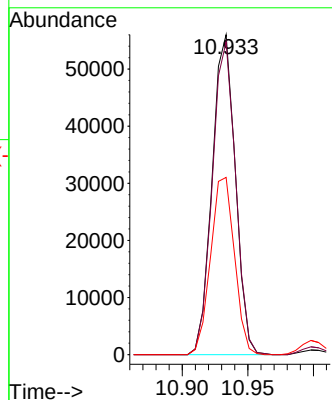
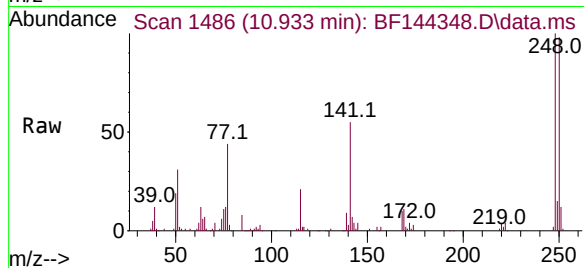




#67
4-Bromophenyl-phenylether
Concen: 37.703 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

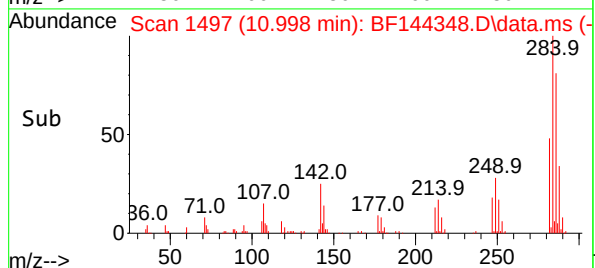
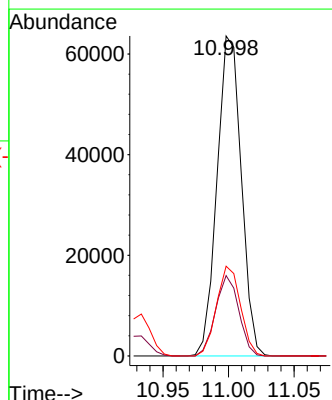
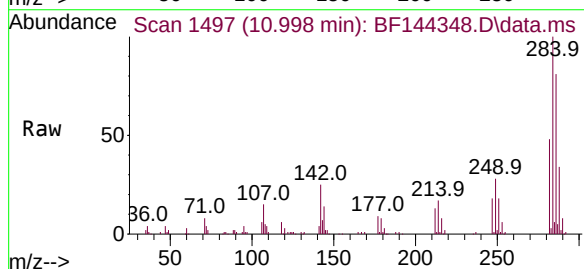
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

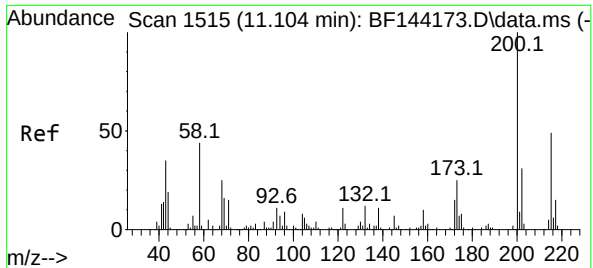
Tgt Ion:248 Resp: 69080
Ion Ratio Lower Upper
248 100
250 97.7 78.4 117.6
141 55.4 45.1 67.7



#68
Hexachlorobenzene
Concen: 37.962 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:284 Resp: 81924
Ion Ratio Lower Upper
284 100
142 25.1 19.2 28.8
249 28.1 23.8 35.8





#69

Atrazine

Concen: 37.492 ng

RT: 11.086 min Scan# 1512

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

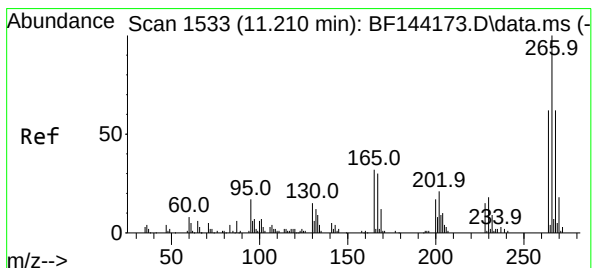
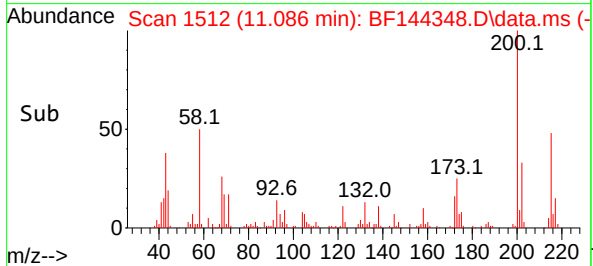
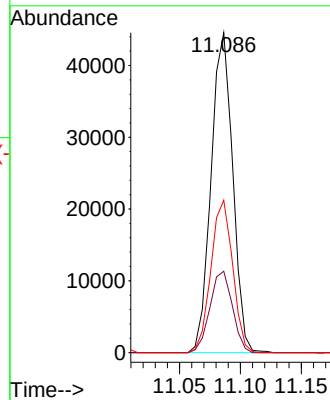
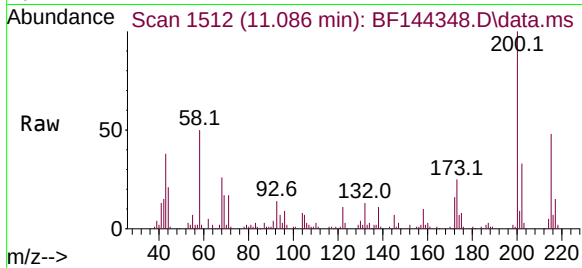
Tgt Ion:200 Resp: 55047

Ion Ratio Lower Upper

200 100

173 25.4 5.0 45.0

215 47.6 28.7 68.7



#70

Pentachlorophenol

Concen: 40.962 ng

RT: 11.198 min Scan# 1531

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

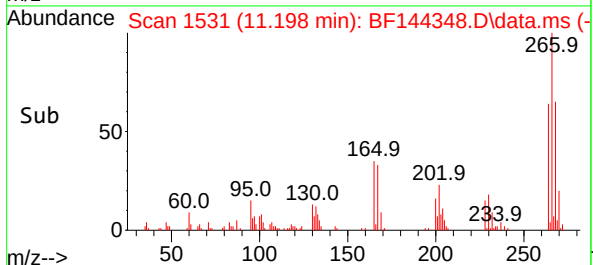
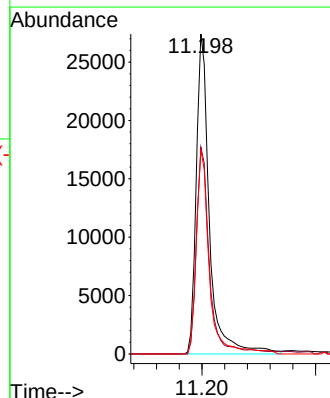
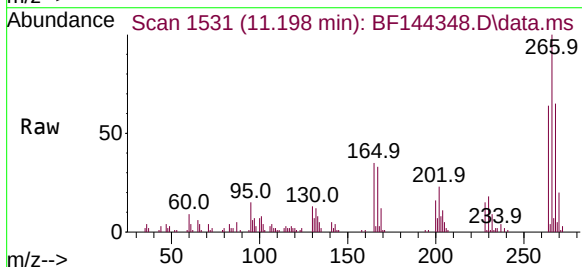
Tgt Ion:266 Resp: 44019

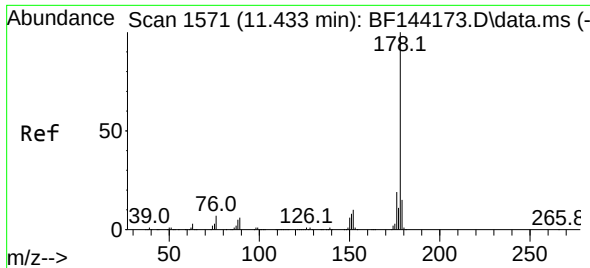
Ion Ratio Lower Upper

266 100

268 64.6 49.5 74.3

264 63.8 49.4 74.2

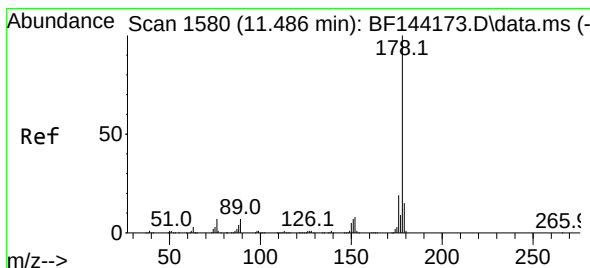
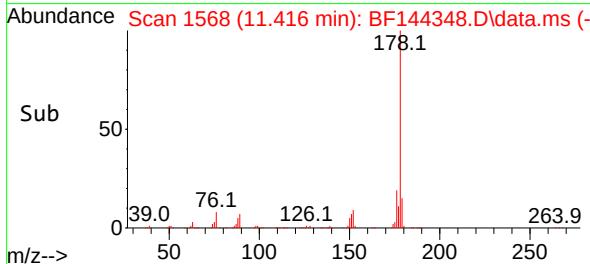
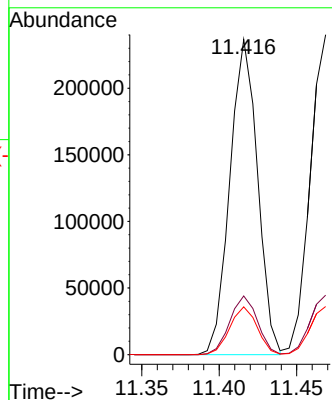
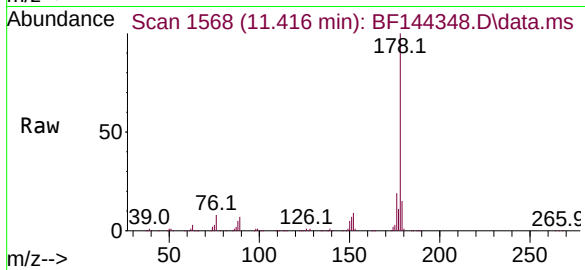




#71
Phenanthrene
Concen: 41.159 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

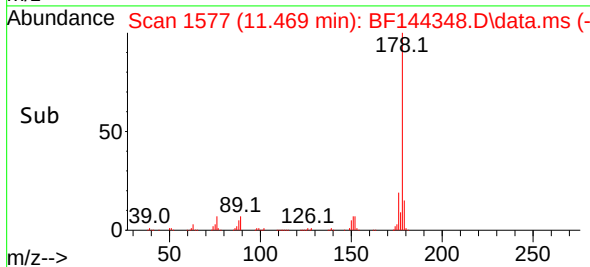
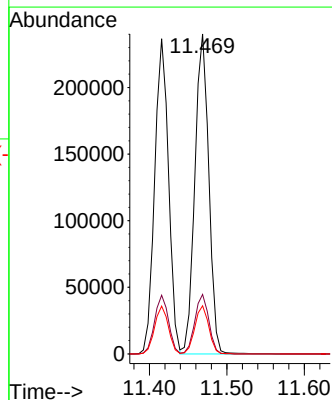
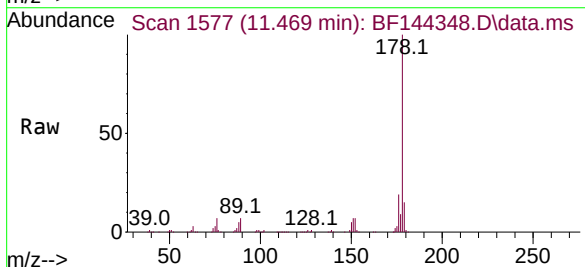
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

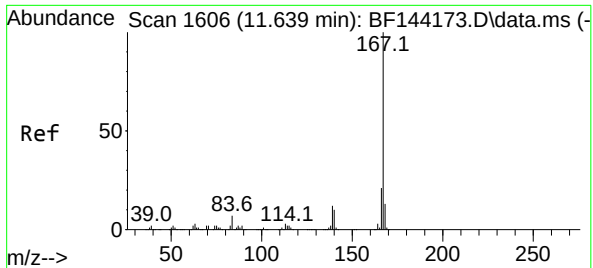
Tgt Ion:178 Resp: 294154
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.1 12.2 18.4



#72
Anthracene
Concen: 41.244 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:178 Resp: 299727
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.0 12.0 18.0

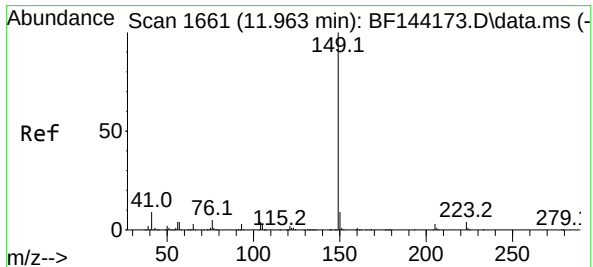
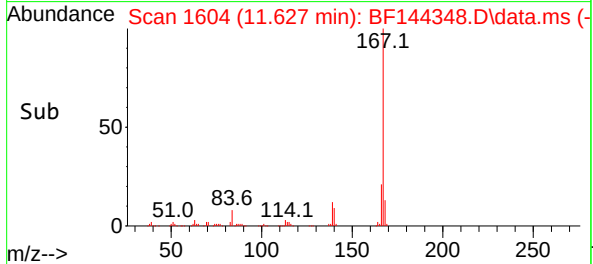
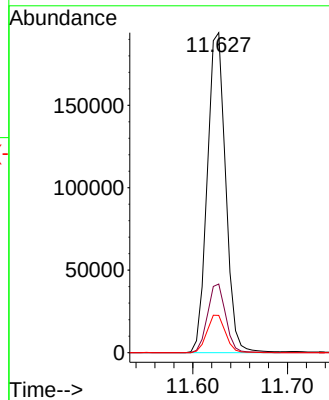
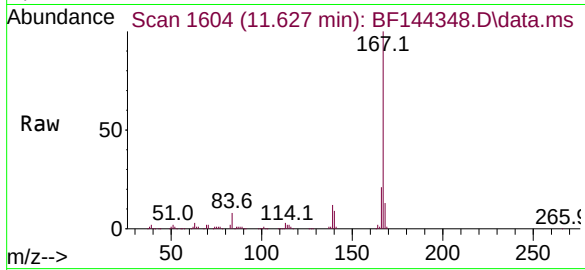




#73
Carbazole
Concen: 42.410 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

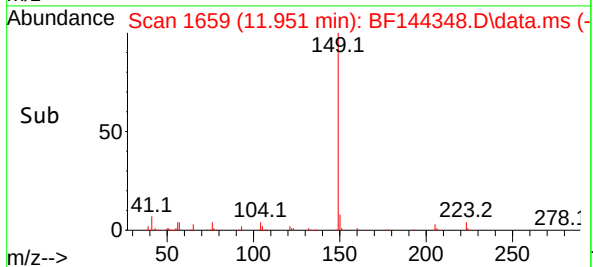
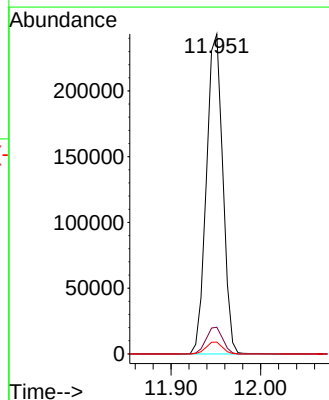
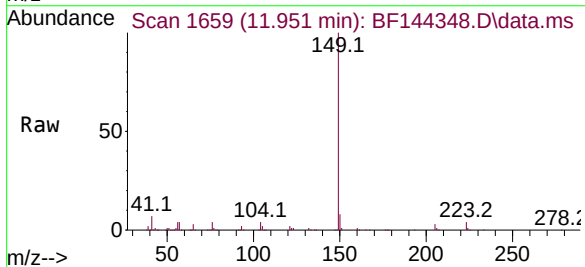
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

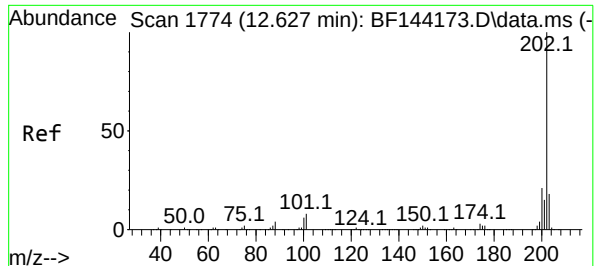
Tgt Ion:167 Resp: 262073
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 11.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 41.189 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:149 Resp: 307696
Ion Ratio Lower Upper
149 100
150 8.3 7.4 11.0
104 3.7 3.4 5.2





#75

Fluoranthene

Concen: 44.149 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

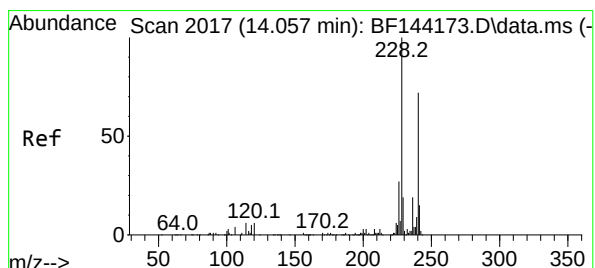
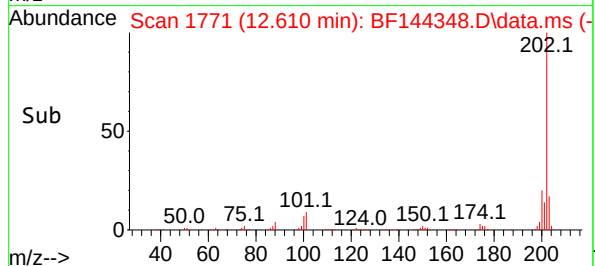
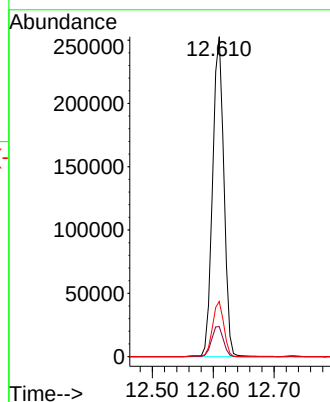
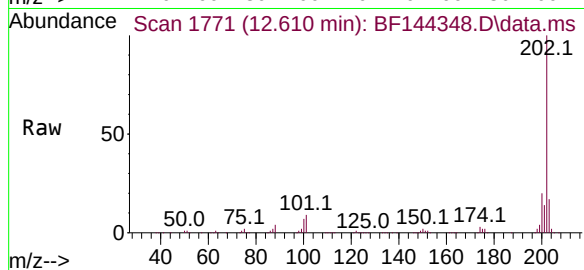
Tgt Ion:202 Resp: 325934

Ion Ratio Lower Upper

202 100

101 9.4 0.0 27.9

203 17.2 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

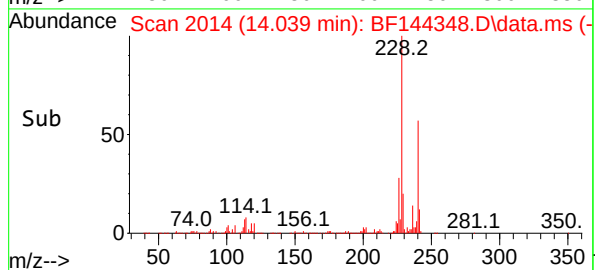
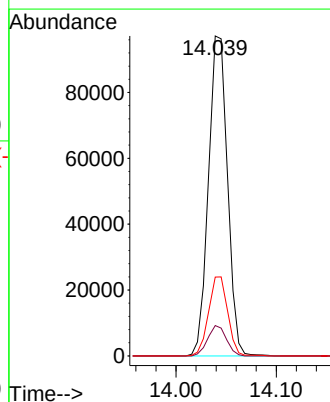
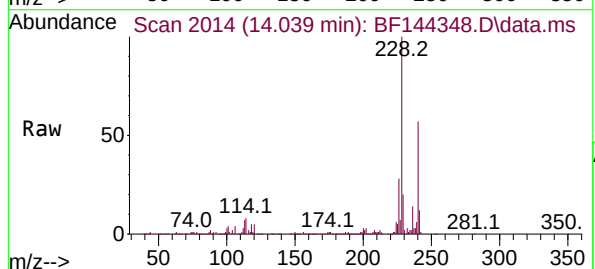
Tgt Ion:240 Resp: 127780

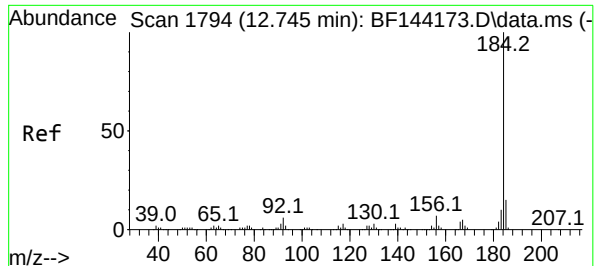
Ion Ratio Lower Upper

240 100

120 9.5 6.6 10.0

236 24.6 21.4 32.2





#77

Benzidine

Concen: 48.458 ng

RT: 12.733 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

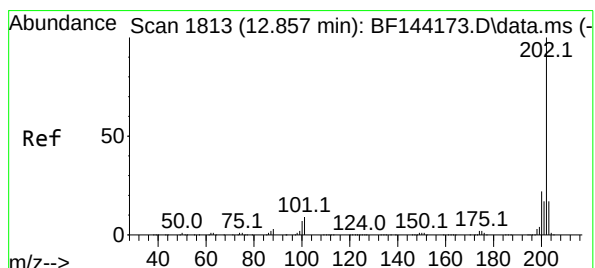
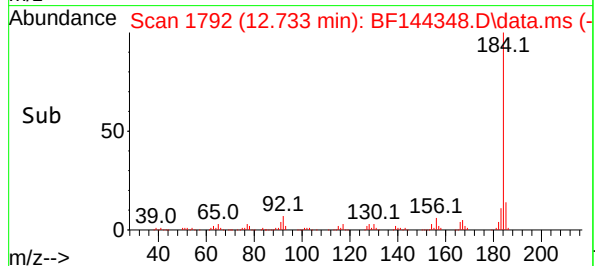
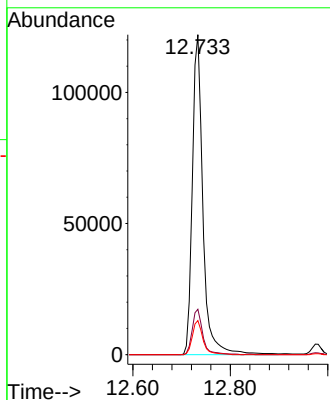
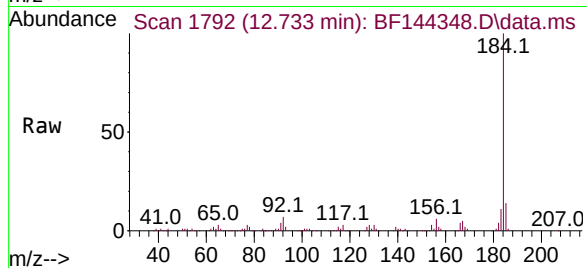
Tgt Ion:184 Resp: 183154

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 10.6 8.3 12.5



#78

Pyrene

Concen: 33.412 ng

RT: 12.839 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

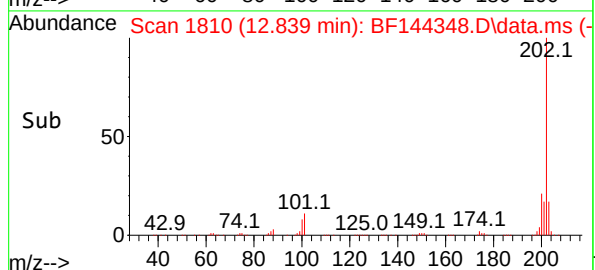
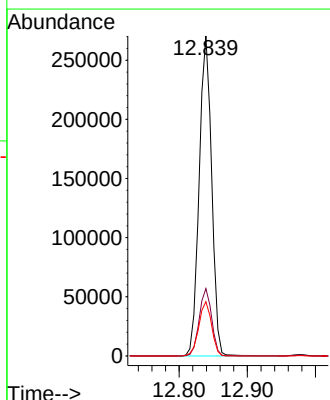
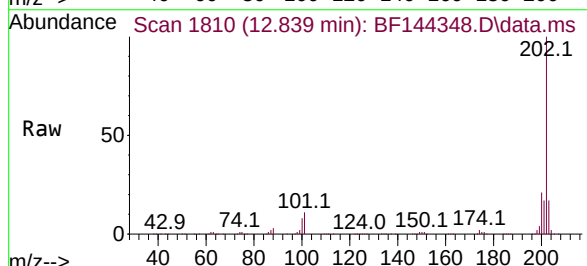
Tgt Ion:202 Resp: 344234

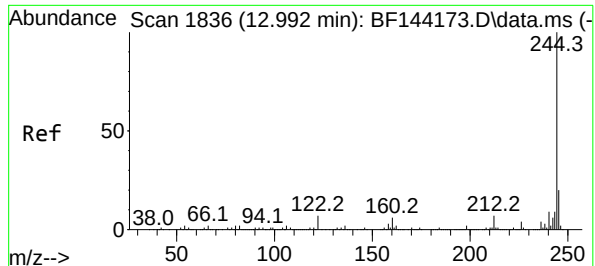
Ion Ratio Lower Upper

202 100

200 21.0 17.2 25.8

203 16.9 13.7 20.5





#79

Terphenyl-d14

Concen: 63.189 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

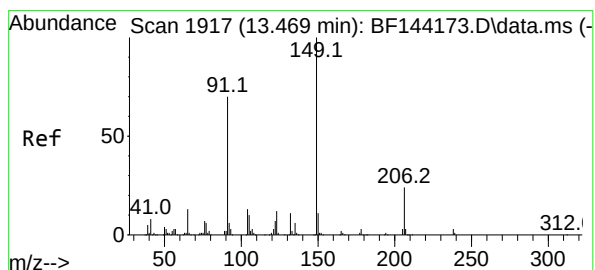
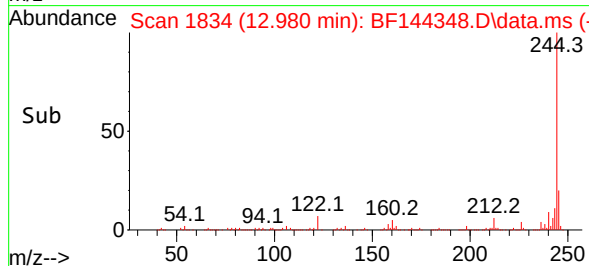
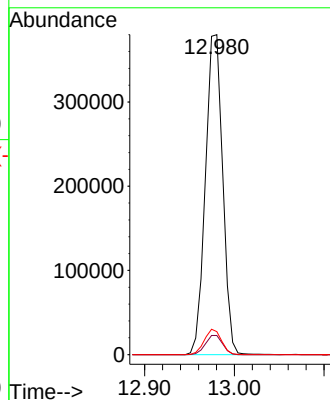
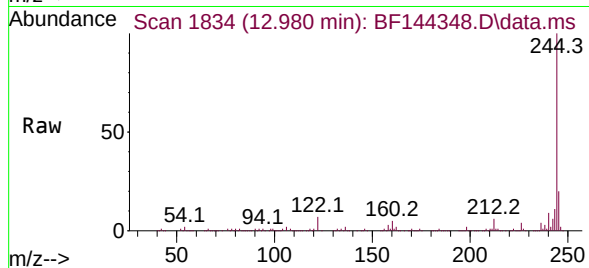
Tgt Ion:244 Resp: 508325

Ion Ratio Lower Upper

244 100

212 6.0 5.3 7.9

122 7.2 5.6 8.4



#80

Butylbenzylphthalate

Concen: 37.342 ng

RT: 13.451 min Scan# 1914

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

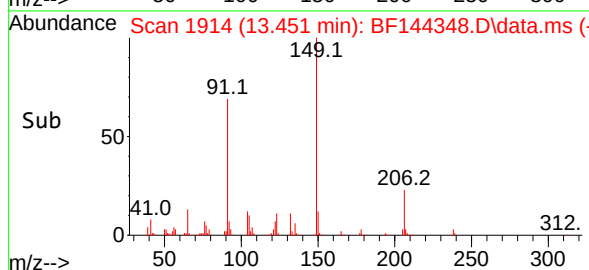
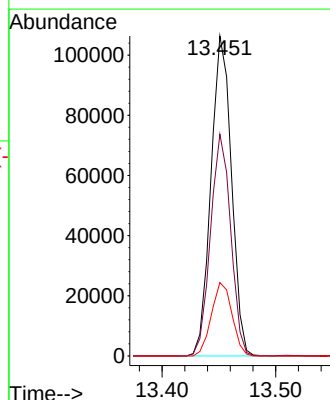
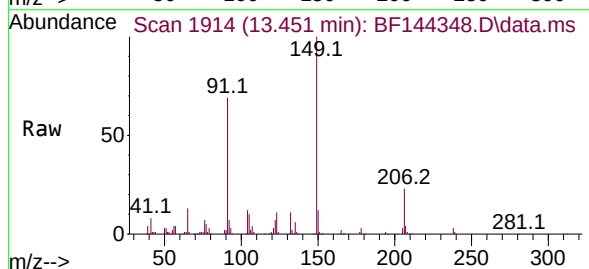
Tgt Ion:149 Resp: 133343

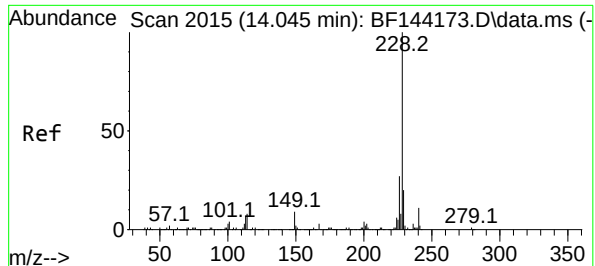
Ion Ratio Lower Upper

149 100

91 69.3 56.1 84.1

206 22.9 18.8 28.2





#81

Benzo(a)anthracene

Concen: 41.666 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

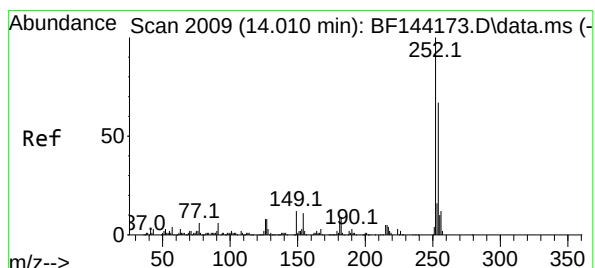
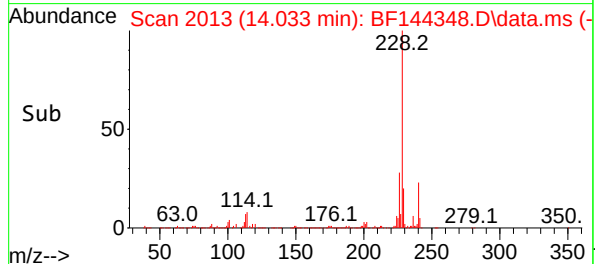
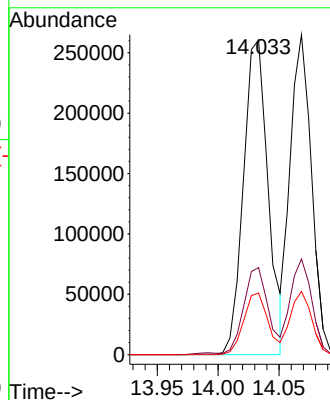
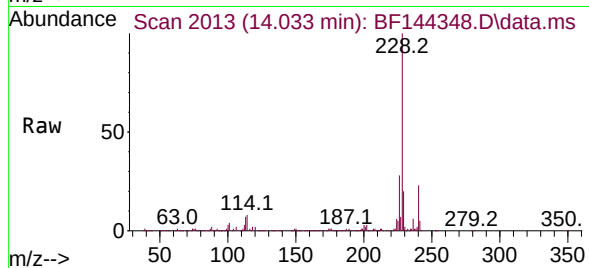
Tgt Ion:228 Resp: 368996

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 43.571 ng

RT: 13.992 min Scan# 2006

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

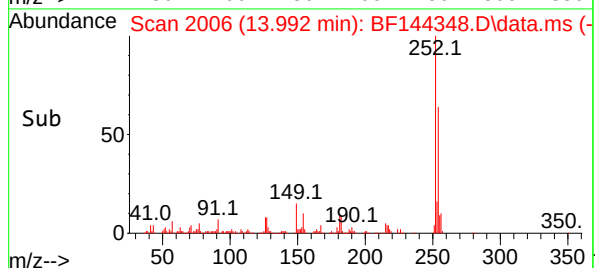
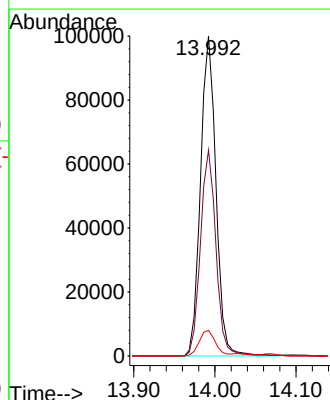
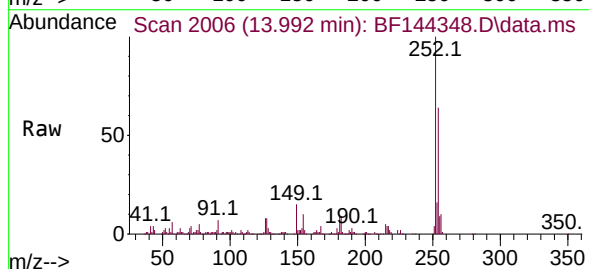
Tgt Ion:252 Resp: 132266

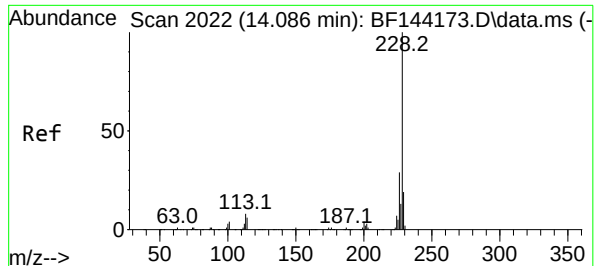
Ion Ratio Lower Upper

252 100

254 64.3 53.5 80.3

126 8.0 6.4 9.6





#83

Chrysene

Concen: 39.814 ng

RT: 14.069 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

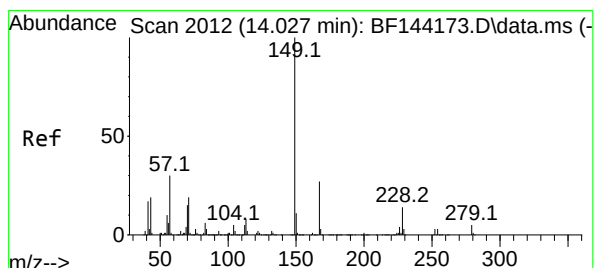
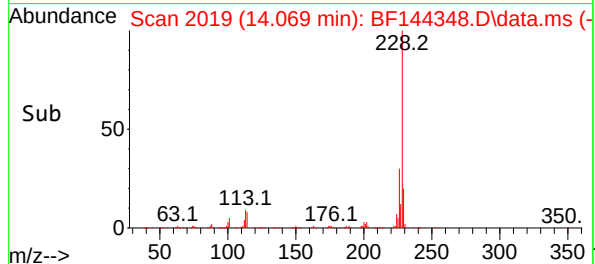
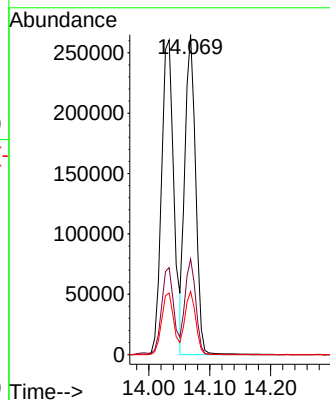
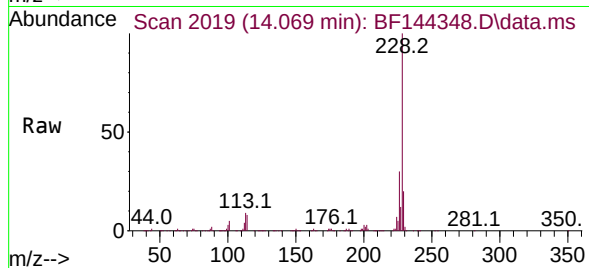
Tgt Ion:228 Resp: 325491

Ion Ratio Lower Upper

228 100

226 29.9 22.9 34.3

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.236 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

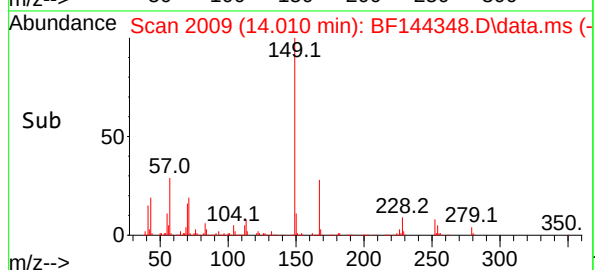
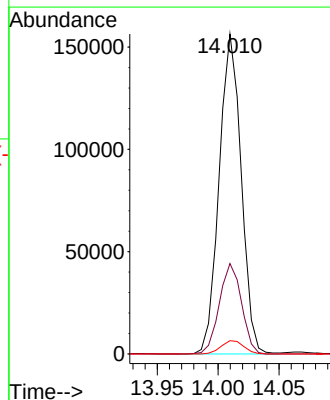
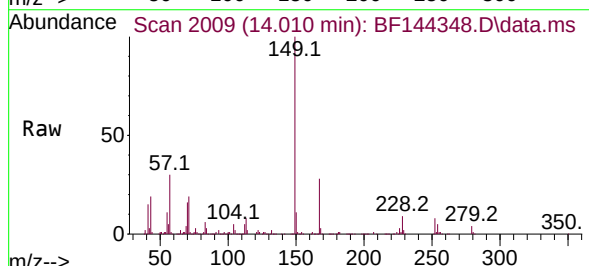
Tgt Ion:149 Resp: 196685

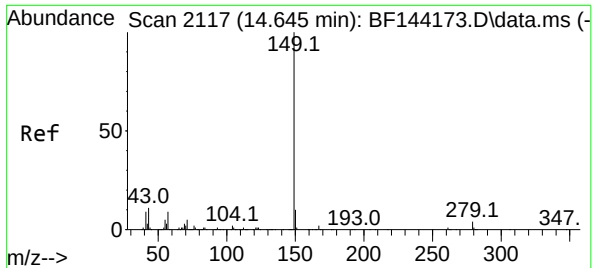
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.1 3.7 5.5

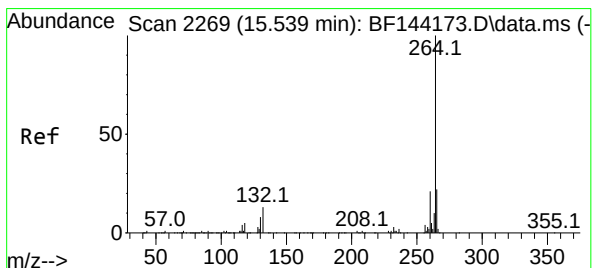
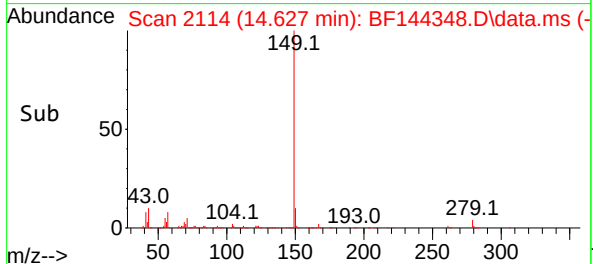
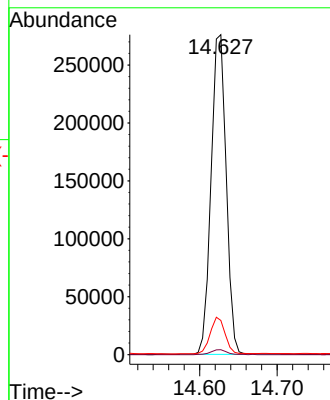
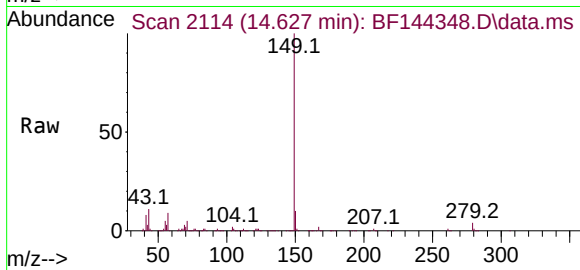




#85
Di-n-octyl phthalate
Concen: 44.334 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

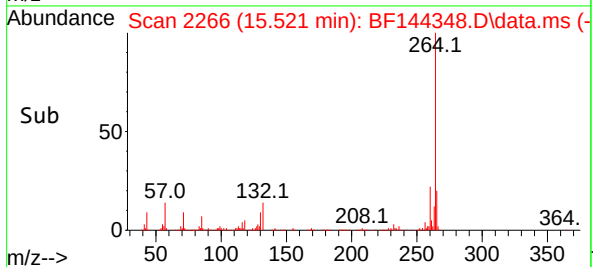
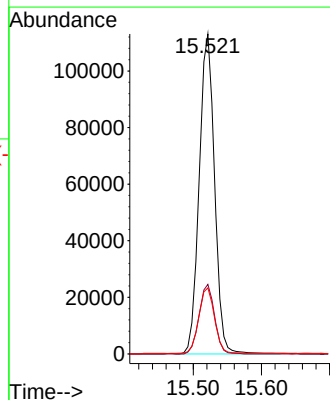
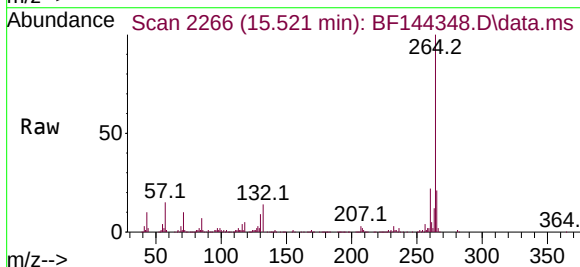
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

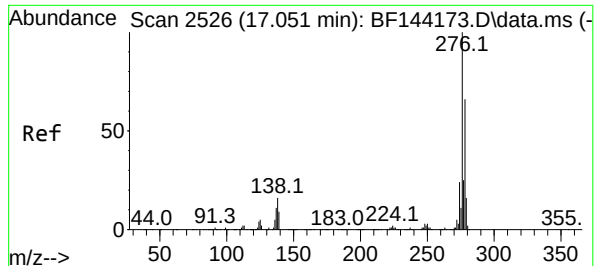
Tgt Ion:149 Resp: 373902
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144348.D
Acq: 25 Nov 2025 13:54

Tgt Ion:264 Resp: 177416
Ion Ratio Lower Upper
264 100
260 21.7 17.1 25.7
265 20.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.566 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

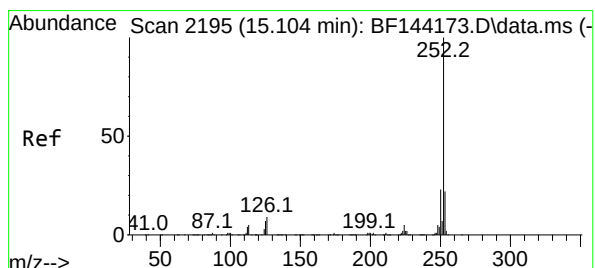
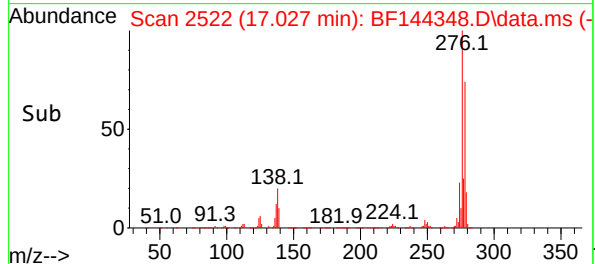
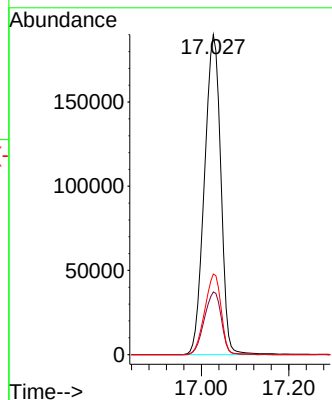
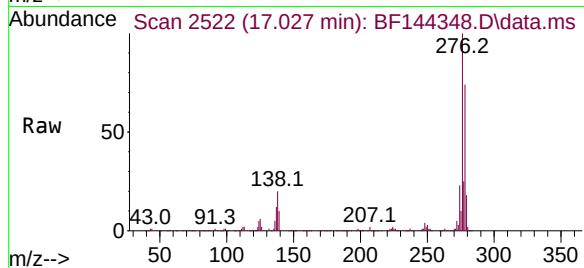
Tgt Ion:276 Resp: 491163

Ion Ratio Lower Upper

276 100

138 20.5 13.9 20.9

277 25.2 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 42.841 ng

RT: 15.086 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

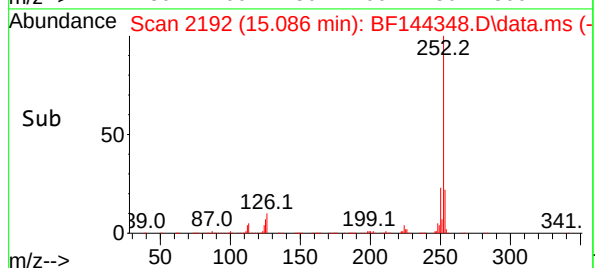
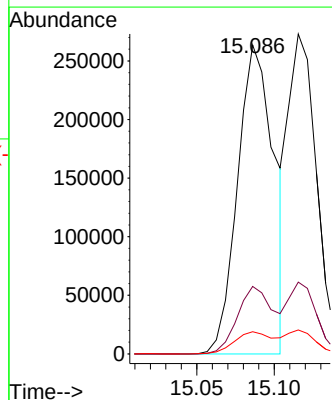
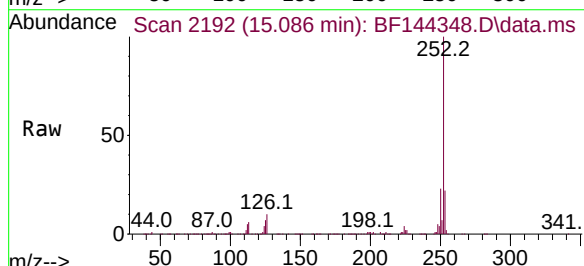
Tgt Ion:252 Resp: 432116

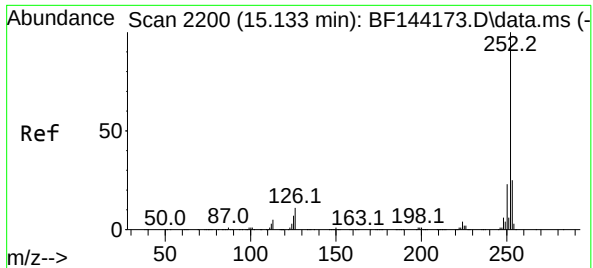
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.2 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 36.672 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

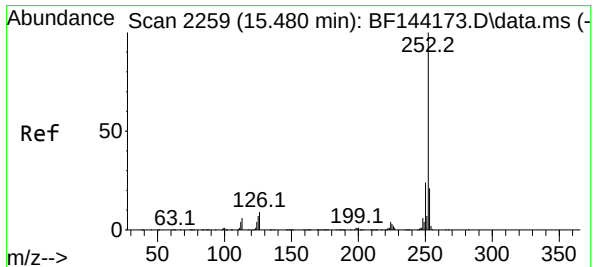
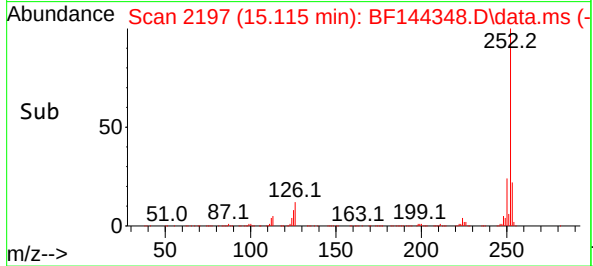
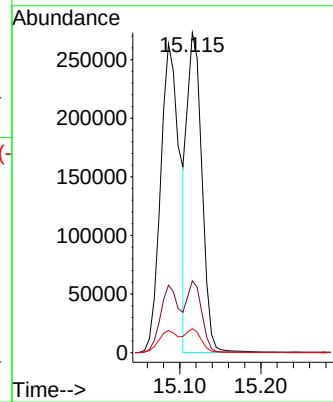
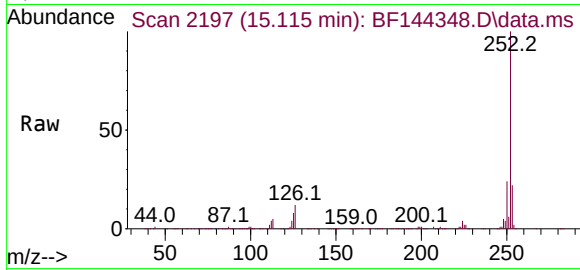
Tgt Ion:252 Resp: 346217

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 7.5 5.4 8.2



#90

Benzo(a)pyrene

Concen: 40.393 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.018 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

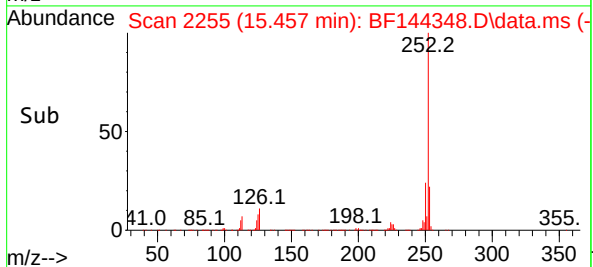
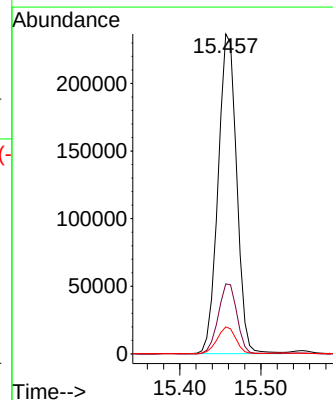
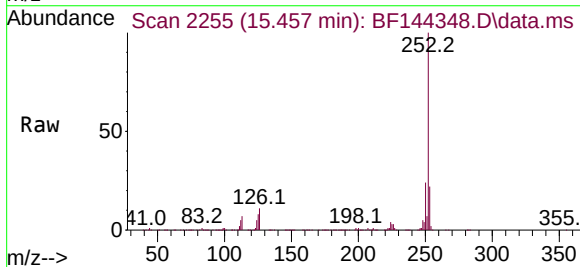
Tgt Ion:252 Resp: 375868

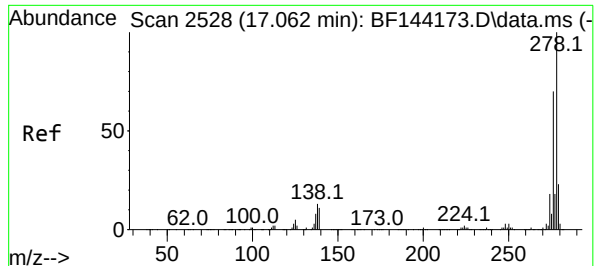
Ion Ratio Lower Upper

252 100

253 21.9 16.7 25.1

125 8.4 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 38.361 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

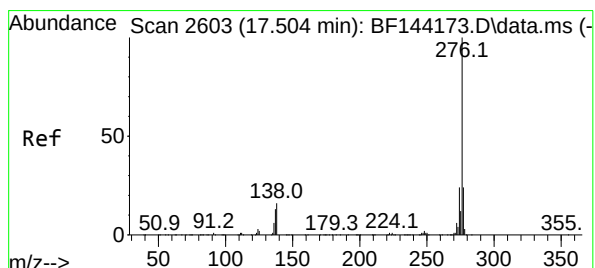
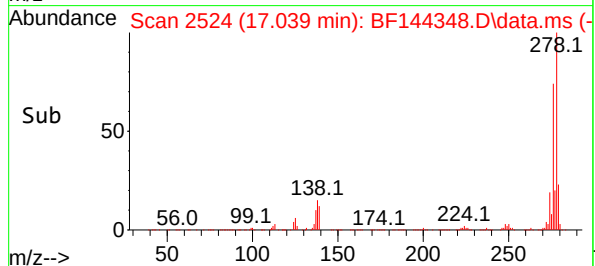
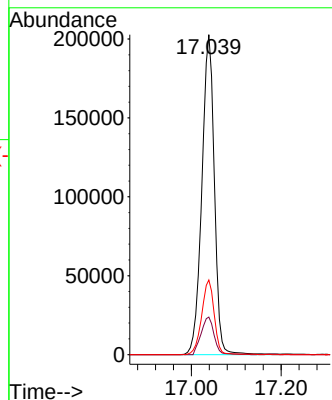
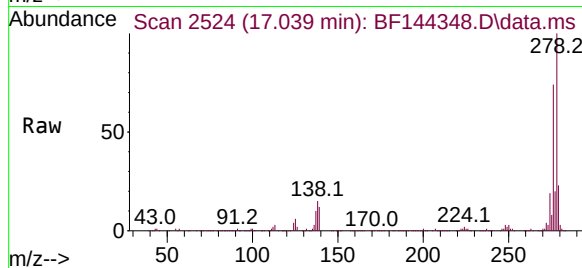
Tgt Ion:278 Resp: 392362

Ion Ratio Lower Upper

278 100

139 11.7 9.1 13.7

279 23.3 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 38.940 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF144348.D

Acq: 25 Nov 2025 13:54

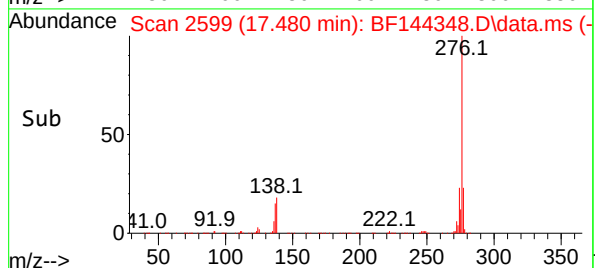
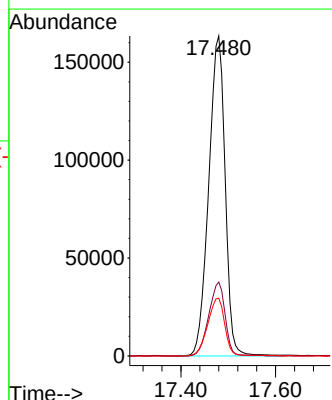
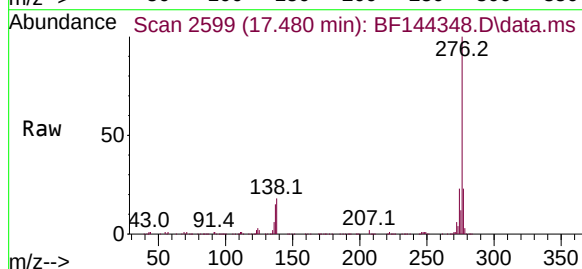
Tgt Ion:276 Resp: 393304

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 18.0 12.9 19.3



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144348.D
 Acq On : 25 Nov 2025 13:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 25 17:02:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 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	70	-0.01
2	1,4-Dioxane	0.528	0.627	-18.7	79	-0.04
3	Pyridine	1.474	1.642	-11.4	75	-0.06
4	n-Nitrosodimethylamine	0.770	0.749	2.7	67	-0.05
5 S	2-Fluorophenol	1.278	1.443	-12.9	77	-0.01
6	Aniline	2.063	2.165	-4.9	73	0.00
7 S	Phenol-d6	1.448	1.525	-5.3	73	0.00
8	2-Chlorophenol	1.253	1.334	-6.5	73	0.00
9	Benzaldehyde	0.818	0.926	-13.2	79	-0.01
10 C	Phenol	1.769	1.898	-7.3	71	0.00
11	bis(2-Chloroethyl)ether	1.289	1.383	-7.3	73	0.00
12	1,3-Dichlorobenzene	1.547	1.671	-8.0	76	-0.01
13 C	1,4-Dichlorobenzene	1.549	1.663	-7.4	73	-0.01
14	1,2-Dichlorobenzene	1.485	1.582	-6.5	74	-0.01
15	Benzyl Alcohol	1.147	1.111	3.1	67	-0.02
16	2,2'-oxybis(1-Chloropropane	2.374	2.546	-7.2	73	0.00
17	2-Methylphenol	0.997	1.002	-0.5	68	0.00
18	Hexachloroethane	0.515	0.547	-6.2	72	-0.01
19 P	n-Nitroso-di-n-propylamine	0.953	0.856	10.2	63	0.00
20	3+4-Methylphenols	1.175	1.186	-0.9	68	-0.02
21 I	Naphthalene-d8	1.000	1.000	0.0	69	-0.01
22	Acetophenone	0.429	0.421	1.9	67	-0.01
23 S	Nitrobenzene-d5	0.346	0.346	0.0	66	0.00
24	Nitrobenzene	0.376	0.377	-0.3	67	0.00
25	Isophorone	0.655	0.615	6.1	63	0.00
26 C	2-Nitrophenol	0.186	0.194	-4.3	68	-0.01
27	2,4-Dimethylphenol	0.279	0.288	-3.2	67	0.00
28	bis(2-Chloroethoxy)methane	0.409	0.406	0.7	66	0.00
29 C	2,4-Dichlorophenol	0.322	0.317	1.6	66	-0.01
30	1,2,4-Trichlorobenzene	0.330	0.329	0.3	67	-0.01
31	Naphthalene	0.951	0.960	-0.9	68	0.00
32	Benzoic acid	0.204	0.165	19.1	63	-0.05
33	4-Chloroaniline	0.347	0.337	2.9	64	-0.01
34 C	Hexachlorobutadiene	0.249	0.233	6.4	62	-0.01
35	Caprolactam	0.088	0.077	12.5	58	-0.04
36 C	4-Chloro-3-methylphenol	0.288	0.267	7.3	62	0.00
37	2-Methylnaphthalene	0.636	0.607	4.6	65	-0.01
38	1-Methylnaphthalene	0.614	0.579	5.7	64	-0.01
39 I	Acenaphthene-d10	1.000	1.000	0.0	59	-0.02
40	1,2,4,5-Tetrachlorobenzene	0.655	0.685	-4.6	60	-0.01
41 P	Hexachlorocyclopentadiene	0.195	0.167	14.4	49#	-0.02
42 S	2,4,6-Tribromophenol	0.251	0.224	10.8	50#	-0.01
43 C	2,4,6-Trichlorophenol	0.446	0.454	-1.8	59	-0.01
44	2,4,5-Trichlorophenol	0.481	0.479	0.4	58	-0.01
45 S	2-Fluorobiphenyl	1.354	1.402	-3.5	61	0.00
46	1,1'-Biphenyl	1.396	1.468	-5.2	62	-0.01
47	2-Chloronaphthalene	1.191	1.228	-3.1	60	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144348.D
 Acq On : 25 Nov 2025 13:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 25 17:02:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 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	0.344	0.337	2.0	55	-0.01
49	Acenaphthylene	1.623	1.660	-2.3	60	-0.01
50	Dimethylphthalate	1.325	1.294	2.3	57	-0.01
51	2,6-Dinitrotoluene	0.268	0.264	1.5	56	0.00
52 C	Acenaphthene	1.085	1.030	5.1	56	-0.01
53	3-Nitroaniline	0.293	0.304	-3.8	57	-0.01
54 P	2,4-Dinitrophenol	0.162	0.166	-2.5	70	-0.02
55	Dibenzofuran	1.520	1.523	-0.2	58	-0.01
56 P	4-Nitrophenol	0.212	0.198	6.6	57	-0.01
57	2,4-Dinitrotoluene	0.359	0.356	0.8	55	0.00
58	Fluorene	1.156	1.166	-0.9	58	-0.01
59	2,3,4,6-Tetrachlorophenol	0.340	0.324	4.7	54	-0.01
60	Diethylphthalate	1.221	1.154	5.5	54	-0.01
61	4-Chlorophenyl-phenylether	0.658	0.621	5.6	54	-0.02
62	4-Nitroaniline	0.279	0.287	-2.9	59	0.00
63	Azobenzene	1.137	1.116	1.8	57	-0.01
64 I	Phenanthrene-d10	1.000	1.000	0.0	56	-0.01
65	4,6-Dinitro-2-methylphenol	0.136	0.120	11.8	51	-0.02
66 c	n-Nitrosodiphenylamine	0.643	0.669	-4.0	58	-0.01
67	4-Bromophenyl-phenylether	0.255	0.241	5.5	51	-0.01
68	Hexachlorobenzene	0.301	0.285	5.3	53	-0.01
69	Atrazine	0.205	0.192	6.3	52	-0.01
70 C	Pentachlorophenol	0.150	0.153	-2.0	55	-0.02
71	Phenanthrene	0.996	1.025	-2.9	57	-0.01
72	Anthracene	1.013	1.044	-3.1	57	-0.01
73	Carbazole	0.861	0.913	-6.0	58	-0.01
74	Di-n-butylphthalate	1.041	1.072	-3.0	56	-0.01
75 C	Fluoranthene	1.029	1.135	-10.3	60	-0.01
76 I	Chrysene-d12	1.000	1.000	0.0	79	-0.01
77	Benzidine	0.592	0.717	-21.1	90	-0.02
78	Pyrene	1.613	1.347	16.5	62	-0.01
79 S	Terphenyl-d14	1.259	0.995	21.0	59	-0.01
80	Butylbenzylphthalate	0.559	0.522	6.6	70	-0.02
81	Benzo(a)anthracene	1.386	1.444	-4.2	79	-0.01
82	3,3'-Dichlorobenzidine	0.475	0.518	-9.1	84	-0.02
83	Chrysene	1.280	1.274	0.5	71	-0.01
84	Bis(2-ethylhexyl)phthalate	0.765	0.770	-0.7	74	-0.02
85 c	Di-n-octyl phthalate	1.320	1.463	-10.8	81	-0.02
86 I	Perylene-d12	1.000	1.000	0.0	85	-0.02
87	Indeno(1,2,3-cd)pyrene	1.436	1.384	3.6	79	0.00
88	Benzo(b)fluoranthene	1.137	1.218	-7.1	84	-0.01
89	Benzo(k)fluoranthene	1.064	0.976	8.3	80	-0.01
90 C	Benzo(a)pyrene	1.049	1.059	-1.0	84	-0.02
91	Dibenzo(a,h)anthracene	1.153	1.106	4.1	78	-0.01
92	Benzo(g,h,i)perylene	1.139	1.108	2.7	79	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144348.D
Acq On : 25 Nov 2025 13:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 25 17:02:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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\BF112525\
 Data File : BF144348.D
 Acq On : 25 Nov 2025 13:54
 Operator : RC/JU
 Sample : SSTDCCC040
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Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 25 17:02:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 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	70	-0.01
2	1,4-Dioxane	40.000	47.443	-18.6	79	-0.04
3	Pyridine	40.000	44.545	-11.4	75	-0.06
4	n-Nitrosodimethylamine	40.000	38.907	2.7	67	-0.05
5 S	2-Fluorophenol	80.000	90.316	-12.9	77	-0.01
6	Aniline	40.000	41.971	-4.9	73	0.00
7 S	Phenol-d6	80.000	84.232	-5.3	73	0.00
8	2-Chlorophenol	40.000	42.588	-6.5	73	0.00
9	Benzaldehyde	40.000	45.301	-13.3	79	-0.01
10 C	Phenol	40.000	42.912	-7.3	71	0.00
11	bis(2-Chloroethyl)ether	40.000	42.915	-7.3	73	0.00
12	1,3-Dichlorobenzene	40.000	43.213	-8.0	76	-0.01
13 C	1,4-Dichlorobenzene	40.000	42.935	-7.3	73	-0.01
14	1,2-Dichlorobenzene	40.000	42.614	-6.5	74	-0.01
15	Benzyl Alcohol	40.000	38.754	3.1	67	-0.02
16	2,2'-oxybis(1-Chloropropane	40.000	42.902	-7.3	73	0.00
17	2-Methylphenol	40.000	40.194	-0.5	68	0.00
18	Hexachloroethane	40.000	42.528	-6.3	72	-0.01
19 P	n-Nitroso-di-n-propylamine	40.000	35.915	10.2	63	0.00
20	3+4-Methylphenols	40.000	40.354	-0.9	68	-0.02
21 I	Naphthalene-d8	20.000	20.000	0.0	69	-0.01
22	Acetophenone	40.000	39.213	2.0	67	-0.01
23 S	Nitrobenzene-d5	80.000	79.932	0.1	66	0.00
24	Nitrobenzene	40.000	40.130	-0.3	67	0.00
25	Isophorone	40.000	37.577	6.1	63	0.00
26 C	2-Nitrophenol	40.000	41.608	-4.0	68	-0.01
27	2,4-Dimethylphenol	40.000	41.356	-3.4	67	0.00
28	bis(2-Chloroethoxy)methane	40.000	39.717	0.7	66	0.00
29 C	2,4-Dichlorophenol	40.000	39.434	1.4	66	-0.01
30	1,2,4-Trichlorobenzene	40.000	39.808	0.5	67	-0.01
31	Naphthalene	40.000	40.378	-0.9	68	0.00
32	Benzoic acid	40.000	32.304	19.2	63	-0.05
33	4-Chloroaniline	40.000	38.804	3.0	64	-0.01
34 C	Hexachlorobutadiene	40.000	37.463	6.3	62	-0.01
35	Caprolactam	40.000	35.178	12.1	58	-0.04
36 C	4-Chloro-3-methylphenol	40.000	37.014	7.5	62	0.00
37	2-Methylnaphthalene	40.000	38.166	4.6	65	-0.01
38	1-Methylnaphthalene	40.000	37.735	5.7	64	-0.01
39 I	Acenaphthene-d10	20.000	20.000	0.0	59	-0.02
40	1,2,4,5-Tetrachlorobenzene	40.000	41.821	-4.6	60	-0.01
41 P	Hexachlorocyclopentadiene	40.000	34.982	12.5	49	-0.02
42 S	2,4,6-Tribromophenol	80.000	71.250	10.9	50	-0.01
43 C	2,4,6-Trichlorophenol	40.000	40.751	-1.9	59	-0.01
44	2,4,5-Trichlorophenol	40.000	39.839	0.4	58	-0.01
45 S	2-Fluorobiphenyl	80.000	82.830	-3.5	61	0.00
46	1,1'-Biphenyl	40.000	42.052	-5.1	62	-0.01
47	2-Chloronaphthalene	40.000	41.252	-3.1	60	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144348.D
 Acq On : 25 Nov 2025 13:54
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Quant Time: Nov 25 17:02:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48	2-Nitroaniline	40.000	39.182	2.0	55	-0.01
49	Acenaphthylene	40.000	40.909	-2.3	60	-0.01
50	Dimethylphthalate	40.000	39.061	2.3	57	-0.01
51	2,6-Dinitrotoluene	40.000	39.332	1.7	56	0.00
52 C	Acenaphthene	40.000	37.975	5.1	56	-0.01
53	3-Nitroaniline	40.000	41.430	-3.6	57	-0.01
54 P	2,4-Dinitrophenol	40.000	41.029	-2.6	70	-0.02
55	Dibenzofuran	40.000	40.081	-0.2	58	-0.01
56 P	4-Nitrophenol	40.000	37.257	6.9	57	-0.01
57	2,4-Dinitrotoluene	40.000	39.606	1.0	55	0.00
58	Fluorene	40.000	40.365	-0.9	58	-0.01
59	2,3,4,6-Tetrachlorophenol	40.000	38.100	4.7	54	-0.01
60	Diethylphthalate	40.000	37.785	5.5	54	-0.01
61	4-Chlorophenyl-phenylether	40.000	37.744	5.6	54	-0.02
62	4-Nitroaniline	40.000	41.149	-2.9	59	0.00
63	Azobenzene	40.000	39.276	1.8	57	-0.01
64 I	Phenanthrene-d10	20.000	20.000	0.0	56	-0.01
65	4,6-Dinitro-2-methylphenol	40.000	35.291	11.8	51	-0.02
66 c	n-Nitrosodiphenylamine	40.000	41.610	-4.0	58	-0.01
67	4-Bromophenyl-phenylether	40.000	37.703	5.7	51	-0.01
68	Hexachlorobenzene	40.000	37.962	5.1	53	-0.01
69	Atrazine	40.000	37.492	6.3	52	-0.01
70 C	Pentachlorophenol	40.000	40.962	-2.4	55	-0.02
71	Phenanthrene	40.000	41.159	-2.9	57	-0.01
72	Anthracene	40.000	41.244	-3.1	57	-0.01
73	Carbazole	40.000	42.410	-6.0	58	-0.01
74	Di-n-butylphthalate	40.000	41.189	-3.0	56	-0.01
75 C	Fluoranthene	40.000	44.149	-10.4	60	-0.01
76 I	Chrysene-d12	20.000	20.000	0.0	79	-0.01
77	Benzydine	40.000	48.458	-21.1	90	-0.02
78	Pyrene	40.000	33.412	16.5	62	-0.01
79 S	Terphenyl-d14	80.000	63.189	21.0	59	-0.01
80	Butylbenzylphthalate	40.000	37.342	6.6	70	-0.02
81	Benzo(a)anthracene	40.000	41.666	-4.2	79	-0.01
82	3,3'-Dichlorobenzidine	40.000	43.571	-8.9	84	-0.02
83	Chrysene	40.000	39.814	0.5	71	-0.01
84	Bis(2-ethylhexyl)phthalate	40.000	40.236	-0.6	74	-0.02
85 c	Di-n-octyl phthalate	40.000	44.334	-10.8	81	-0.02
86 I	Perylene-d12	20.000	20.000	0.0	85	-0.02
87	Indeno(1,2,3-cd)pyrene	40.000	38.566	3.6	79	0.00
88	Benzo(b)fluoranthene	40.000	42.841	-7.1	84	-0.01
89	Benzo(k)fluoranthene	40.000	36.672	8.3	80	-0.01
90 C	Benzo(a)pyrene	40.000	40.393	-1.0	84	-0.02
91	Dibenzo(a,h)anthracene	40.000	38.361	4.1	78	-0.01
92	Benzo(g,h,i)perylene	40.000	38.940	2.7	79	-0.01

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144348.D
Acq On : 25 Nov 2025 13:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDCCC040

Quant Time: Nov 25 17:02:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 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



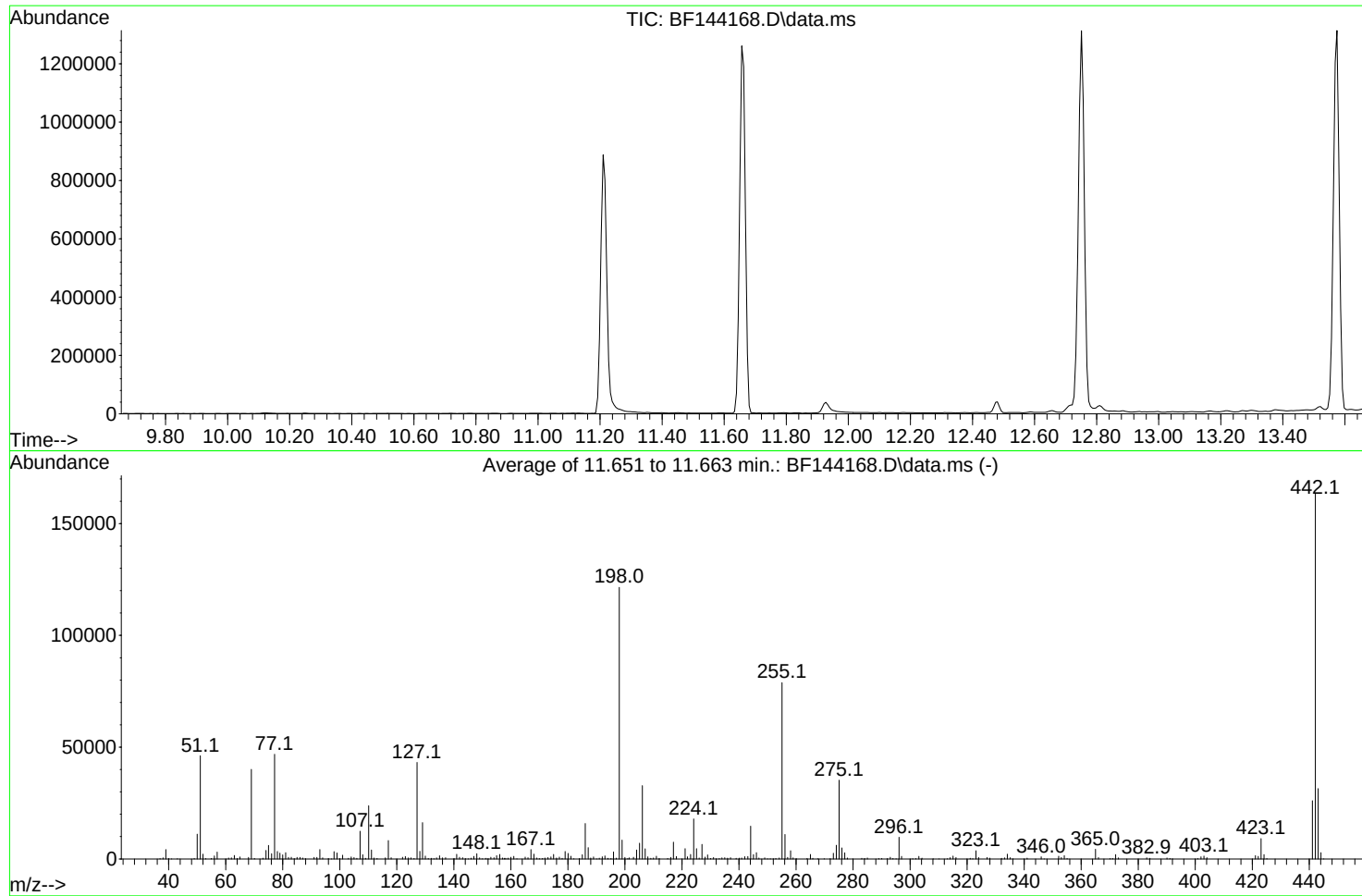
QC SAMPLE DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



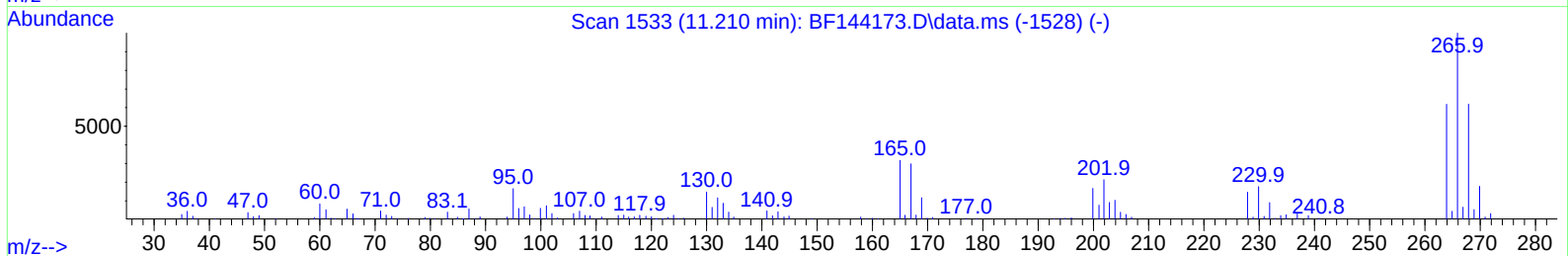
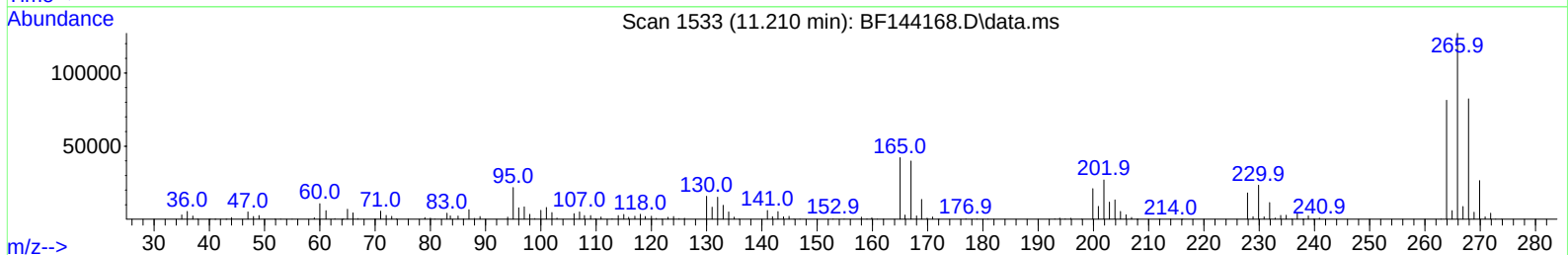
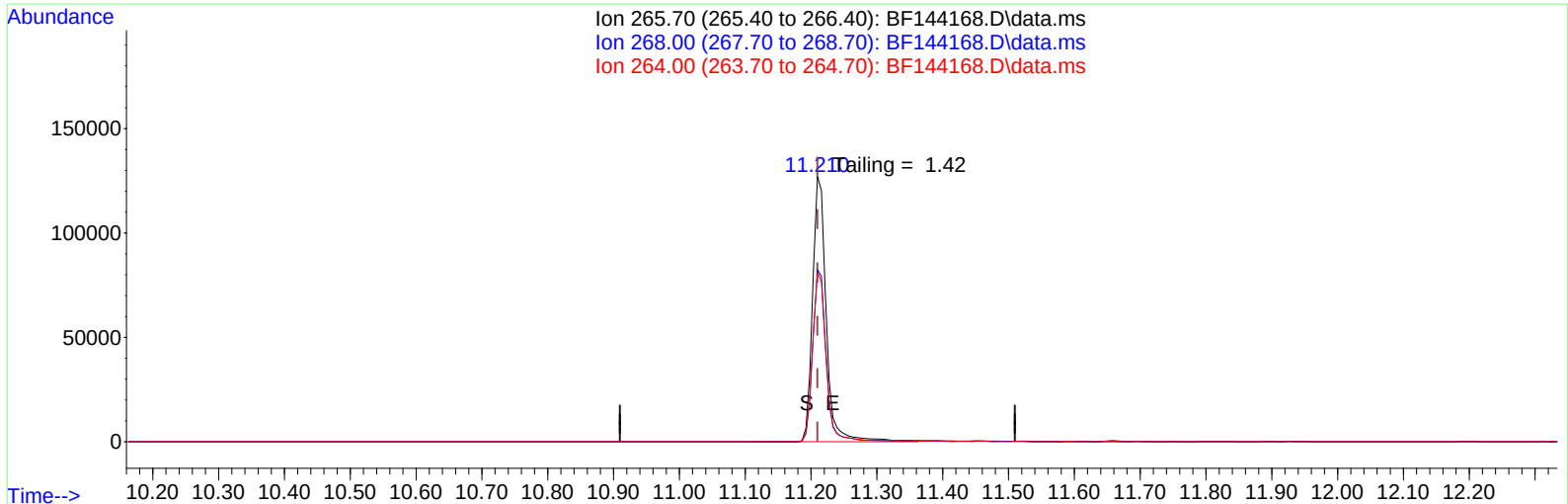
AutoFind: Scans 1608, 1609, 1610; Background Corrected with Scan 1602

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit%	Limit%	Abn%	Abn	Pass/Fail
68	69	0.00	2	1.8	709	PASS
69	69	100	100	100.0	40048	PASS
70	69	0.00	2	0.6	222	PASS
197	198	0.00	2	0.3	378	PASS
198	198	100	100	100.0	121493	PASS
199	198	5	9	6.9	8441	PASS
365	198	1	100	3.6	4315	PASS
441	443	0.01	150	82.6	26027	PASS
442	442	100	100	100.0	163299	PASS
443	442	15	24	19.3	31501	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

(70) Pentachlorophenol (C)

11.210min (-0.000) 39632.00 ng

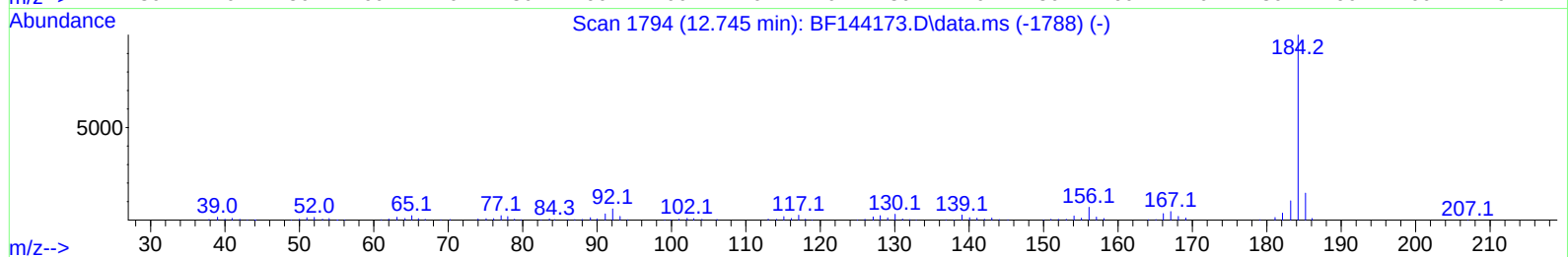
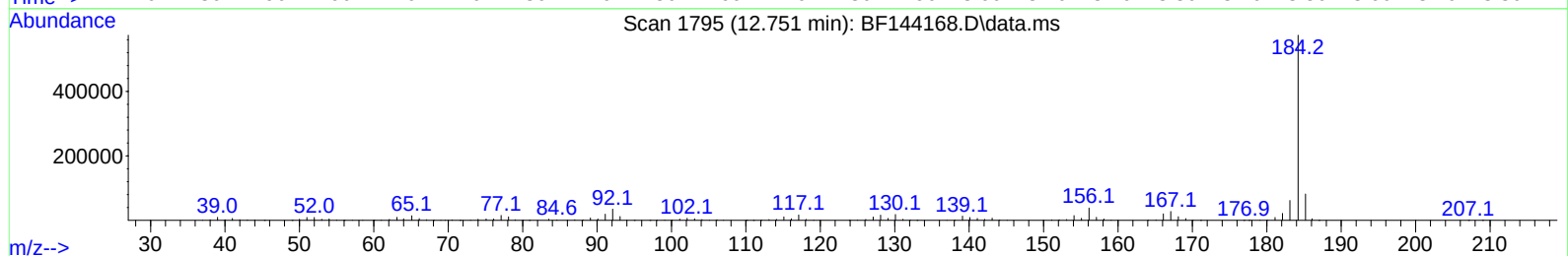
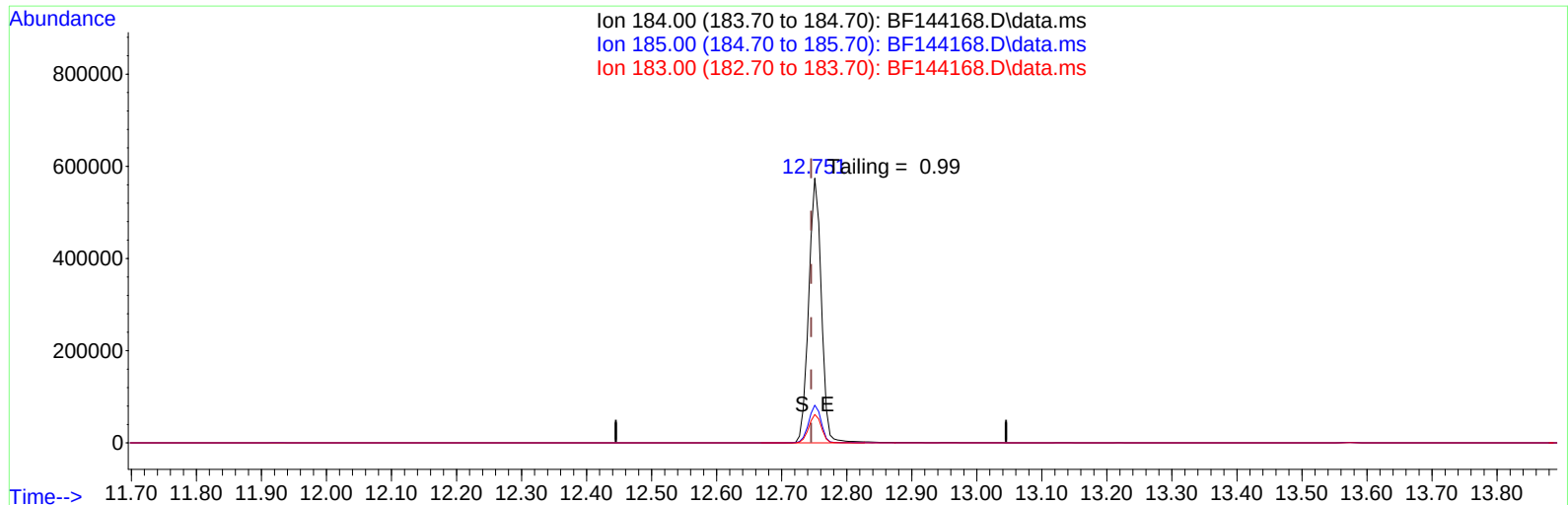
response 182948

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	64.79
264.00	61.80	64.01
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
Data File : BF144168.D
Acq On : 05 Nov 2025 12:21
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 05 15:24:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 15:17:46 2025
Response via : Initial Calibration



TIC: BF144168.D\data.ms

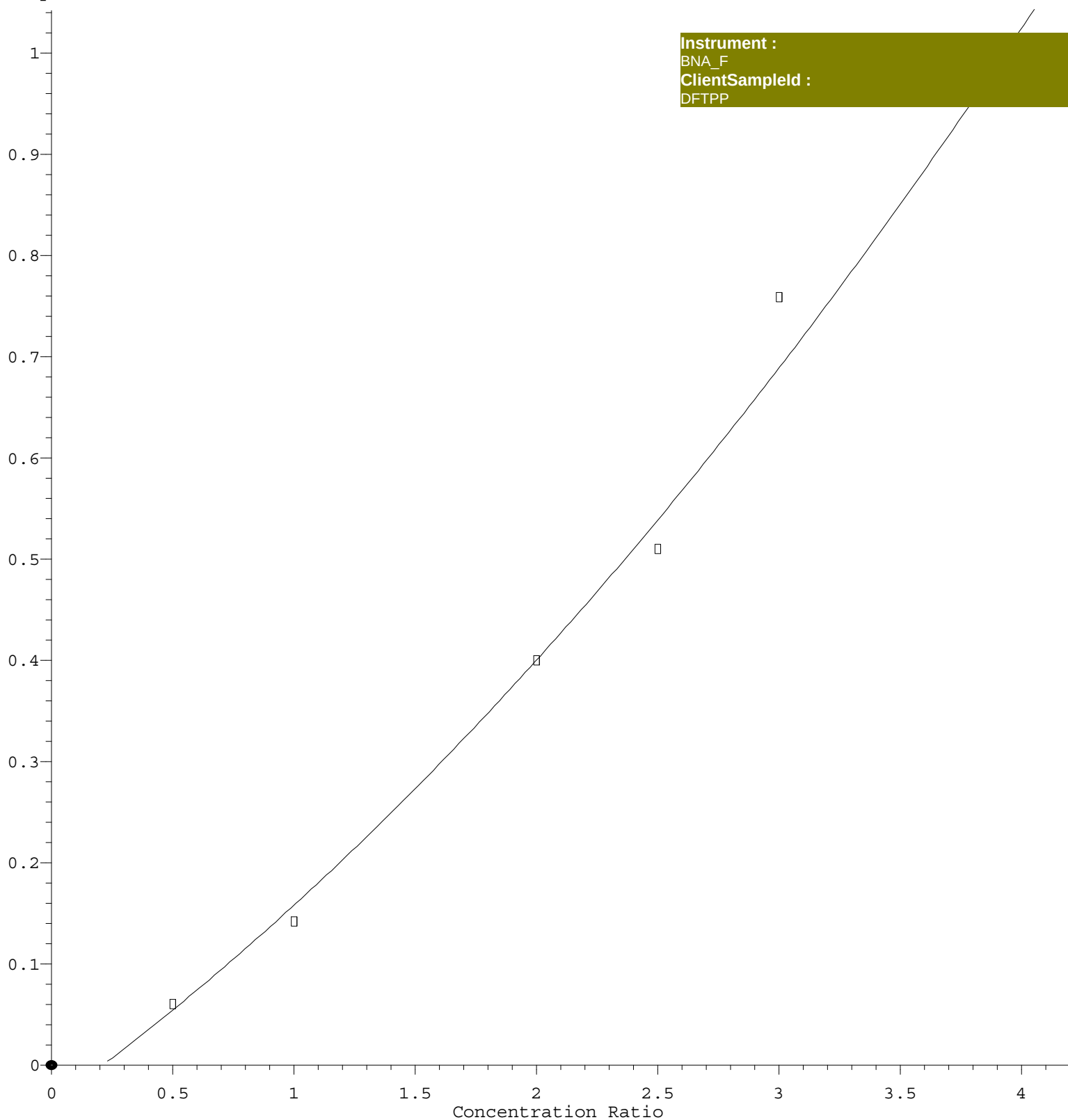
(77) Benzidine

12.751min (+ 0.006) 0.00 ng

response 777212

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	14.24
183.00	10.40	10.75
0.00	0.00	0.00

Response Ratio



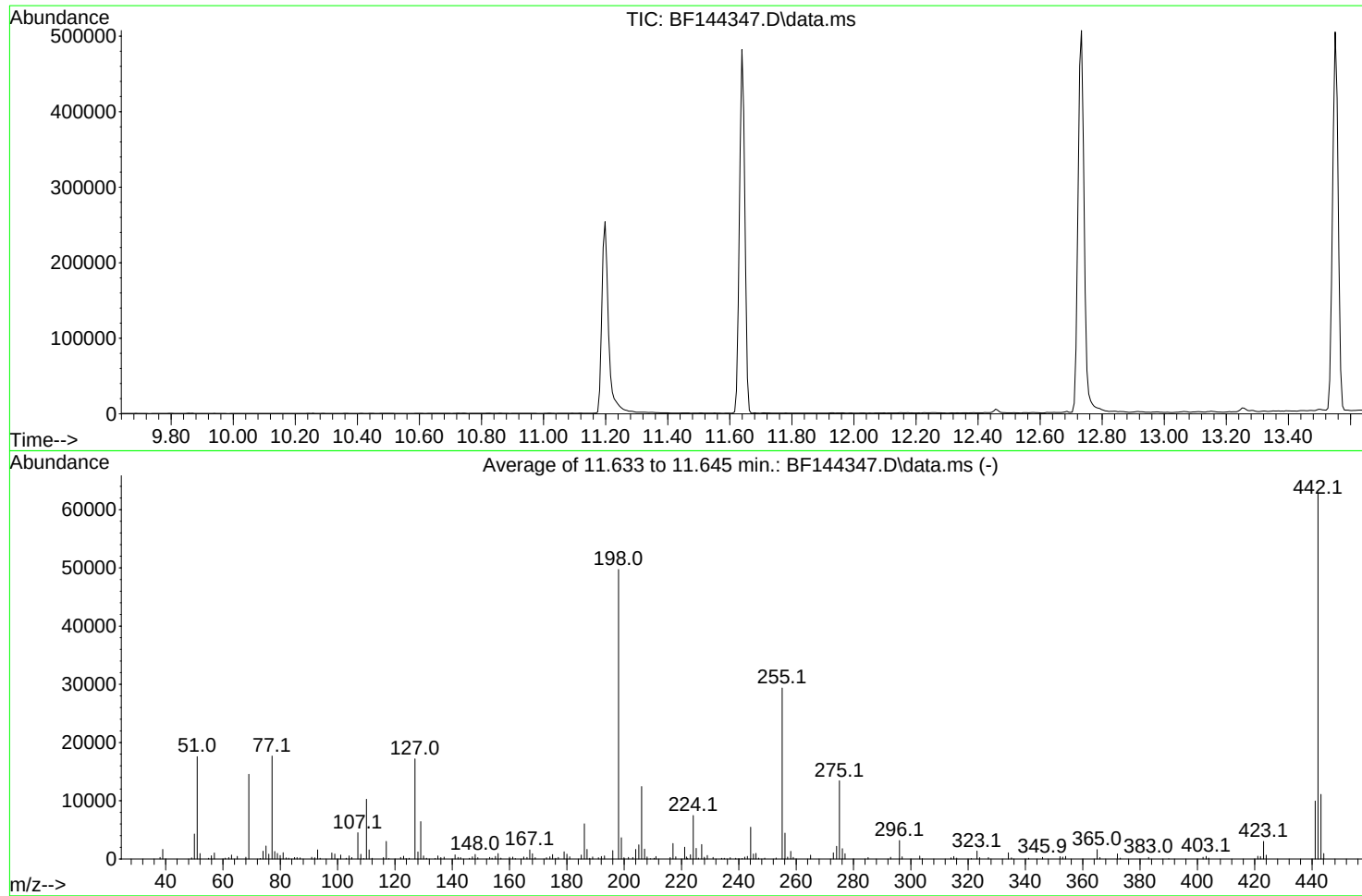
$R = 2.331e-002 A^2 + 1.722e-001 A - 3.751e-002$
Coef of Det (r^2) = 0.992660 Curve Fit: Quadratic w(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA F\Methods\8270-BF110525.M
Calibration Table Last Updated: Wed Nov 05 18:37:33 2025

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144347.D
Acq On : 25 Nov 2025 13:24
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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Nov 05 18:37:33 2025



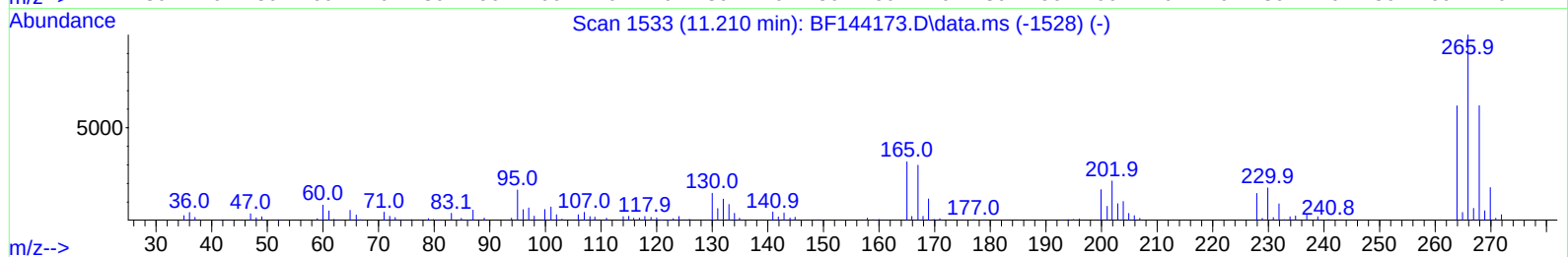
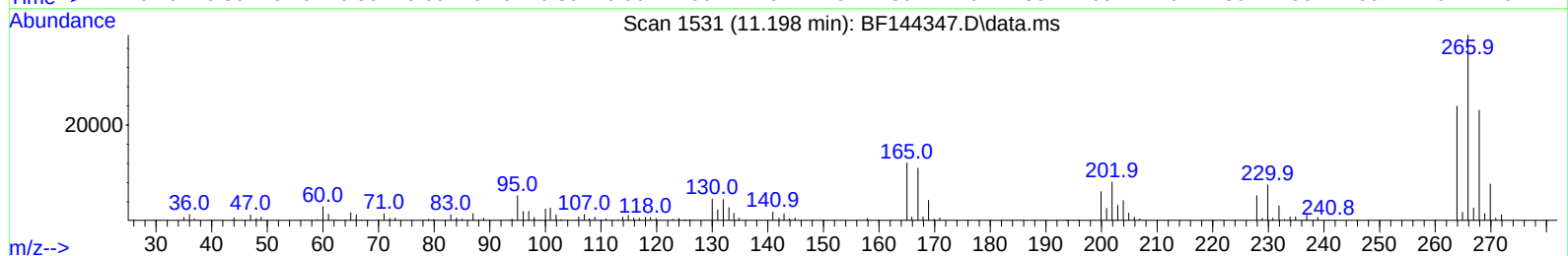
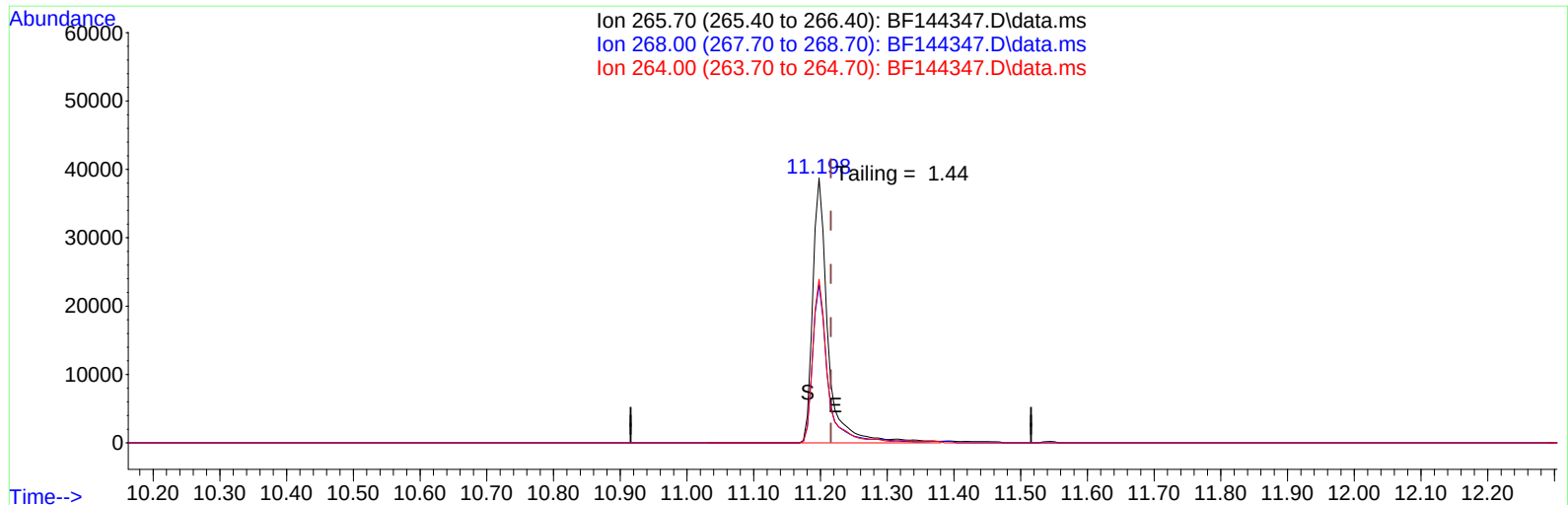
AutoFind: Scans 1605, 1606, 1607; Background Corrected with Scan 1599

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	2.0	284	PASS
69	69	100	100	100.0	14547	PASS
70	69	0.00	2	0.0	0	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	49736	PASS
199	198	5	9	7.3	3647	PASS
365	198	1	100	3.2	1605	PASS
441	443	0.01	150	89.7	9950	PASS
442	442	100	100	100.0	62712	PASS
443	442	15	24	17.7	11093	PASS

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144347.D
Acq On : 25 Nov 2025 13:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 25 13:45:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144347.D\data.ms

(70) Pentachlorophenol (C)

11.198min (-0.018) 72689.45 ng m

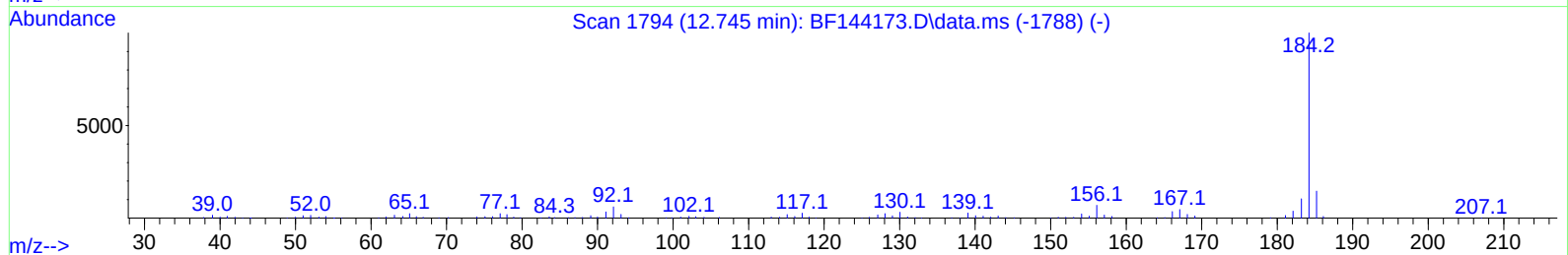
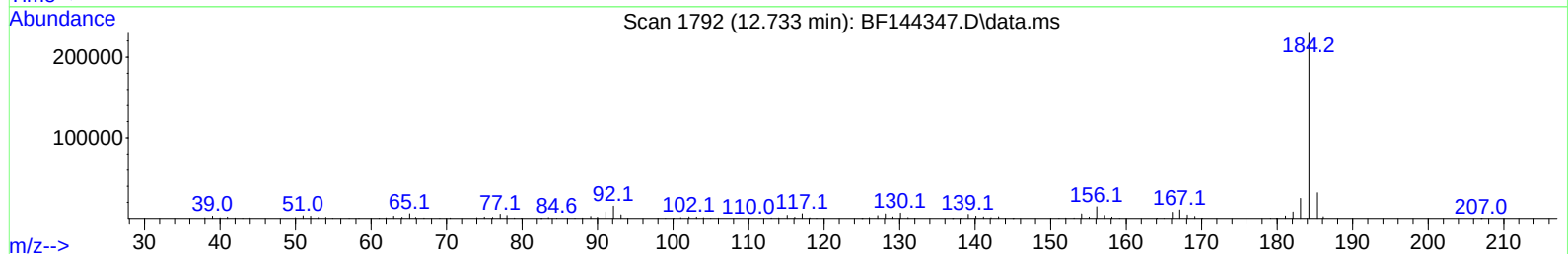
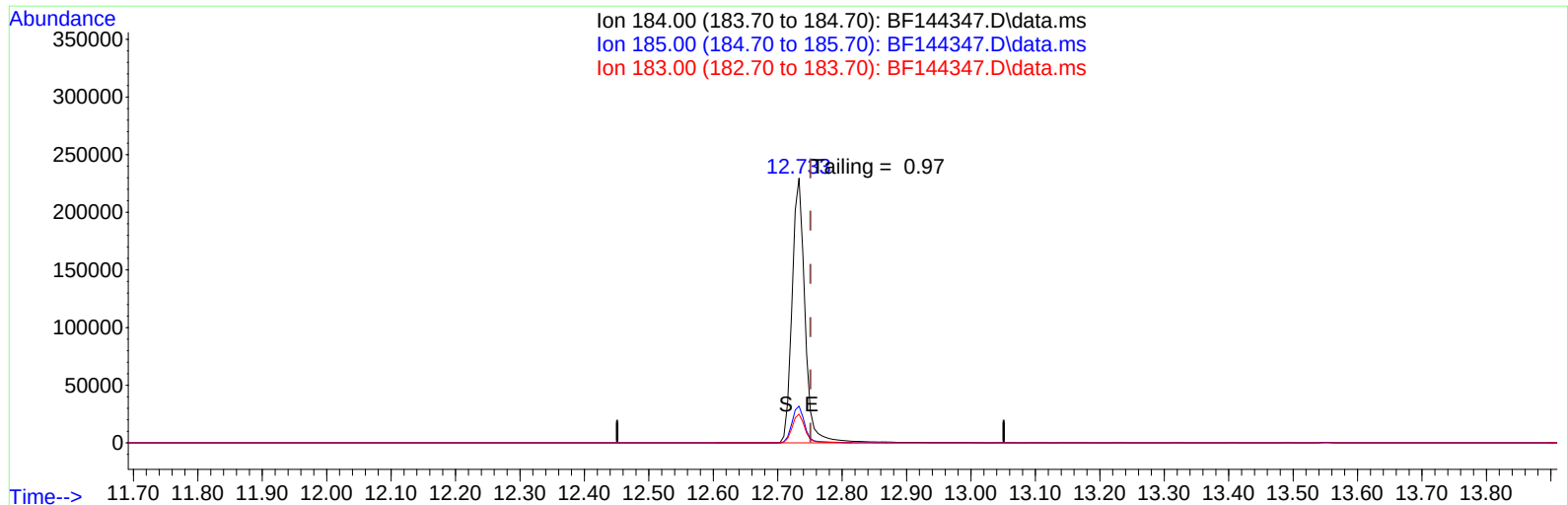
response 62038

Ion	Exp%	Act%
265.70	100.00	100.00
268.00	61.90	59.63
264.00	61.80	61.86
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144347.D
Acq On : 25 Nov 2025 13:24
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Nov 25 13:45:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



TIC: BF144347.D\data.ms

(77) Benzidine

12.733min (-0.018) 0.00 ng

response 322613

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.60	13.93
183.00	10.40	10.88
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
11/25/2025	BNA_F	<u>BF144347.D</u>
Compound Name	Response	Retention Time
DDT	137621	13.551
DDD	2636	13.257
DDE	363	12.915
SUM(DDD+DDE)	SUM(DDT+DDD+DDE)	% Breakdown Of DDT
2999	140620	2.13

Instrument :
BNA_F
ClientSampleId :
DFTPP

Report of Analysis

Client: Ardmore Chemical	Date Collected:	
Project: PVSC Monthly 2025	Date Received:	
Client Sample ID: PB170730BL	SDG No.:	Q3700
Lab Sample ID: PB170730BL	Matrix:	Water
Analytical Method: 625.1	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	SVOCMS Group1
Prep Method : 3510C	Level: LOW	
	Final Vol: 1000 uL	
	Prep Date: 11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	0.86	U	1	0.86	10.0	ug/L	11/25/25 15:24	PB170730
108-95-2	Phenol	0.91	U	1	0.91	5.00	ug/L	11/25/25 15:24	PB170730
111-44-4	bis(2-Chloroethyl)ether	0.81	U	1	0.81	5.00	ug/L	11/25/25 15:24	PB170730
95-57-8	2-Chlorophenol	0.58	U	1	0.58	5.00	ug/L	11/25/25 15:24	PB170730
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.00	ug/L	11/25/25 15:24	PB170730
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	5.00	ug/L	11/25/25 15:24	PB170730
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	11/25/25 15:24	PB170730
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	11/25/25 15:24	PB170730
78-59-1	Isophorone	0.75	U	1	0.75	5.00	ug/L	11/25/25 15:24	PB170730
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.00	ug/L	11/25/25 15:24	PB170730
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.00	ug/L	11/25/25 15:24	PB170730
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	1	0.68	5.00	ug/L	11/25/25 15:24	PB170730
120-83-2	2,4-Dichlorophenol	0.52	U	1	0.52	5.00	ug/L	11/25/25 15:24	PB170730
120-82-1	1,2,4-Trichlorobenzene	0.54	U	1	0.54	5.00	ug/L	11/25/25 15:24	PB170730
91-20-3	Naphthalene	0.50	U	1	0.50	5.00	ug/L	11/25/25 15:24	PB170730
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	11/25/25 15:24	PB170730
59-50-7	4-Chloro-3-methylphenol	0.59	U	1	0.59	5.00	ug/L	11/25/25 15:24	PB170730
77-47-4	Hexachlorocyclopentadiene	3.60	U	1	3.60	10.0	ug/L	11/25/25 15:24	PB170730
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	11/25/25 15:24	PB170730
91-58-7	2-Chloronaphthalene	0.61	U	1	0.61	5.00	ug/L	11/25/25 15:24	PB170730
131-11-3	Dimethylphthalate	0.61	U	1	0.61	5.00	ug/L	11/25/25 15:24	PB170730
208-96-8	Acenaphthylene	0.75	U	1	0.75	5.00	ug/L	11/25/25 15:24	PB170730
606-20-2	2,6-Dinitrotoluene	0.92	U	1	0.92	5.00	ug/L	11/25/25 15:24	PB170730
83-32-9	Acenaphthene	0.55	U	1	0.55	5.00	ug/L	11/25/25 15:24	PB170730
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.0	ug/L	11/25/25 15:24	PB170730
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.0	ug/L	11/25/25 15:24	PB170730
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	11/25/25 15:24	PB170730
84-66-2	Diethylphthalate	0.69	U	1	0.69	5.00	ug/L	11/25/25 15:24	PB170730
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	1	0.68	5.00	ug/L	11/25/25 15:24	PB170730
86-73-7	Fluorene	0.63	U	1	0.63	5.00	ug/L	11/25/25 15:24	PB170730
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.0	ug/L	11/25/25 15:24	PB170730
86-30-6	n-Nitrosodiphenylamine	0.58	U	1	0.58	5.00	ug/L	11/25/25 15:24	PB170730
103-33-3	Azobenzene	0.81	U	1	0.81	5.00	ug/L	11/25/25 15:24	PB170730
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.00	ug/L	11/25/25 15:24	PB170730
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	11/25/25 15:24	PB170730
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	11/25/25 15:24	PB170730
85-01-8	Phenanthrene	0.50	U	1	0.50	5.00	ug/L	11/25/25 15:24	PB170730
120-12-7	Anthracene	0.61	U	1	0.61	5.00	ug/L	11/25/25 15:24	PB170730
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.00	ug/L	11/25/25 15:24	PB170730
206-44-0	Fluoranthene	0.82	U	1	0.82	5.00	ug/L	11/25/25 15:24	PB170730
92-87-5	Benzidine	4.30	U	1	4.30	10.0	ug/L	11/25/25 15:24	PB170730
129-00-0	Pyrene	0.50	U	1	0.50	5.00	ug/L	11/25/25 15:24	PB170730



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

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	
Project:	PVSC Monthly 2025		Date Received:	
Client Sample ID:	PB170730BL		SDG No.:	Q3700
Lab Sample ID:	PB170730BL		Matrix:	Water
Analytical Method:	625.1	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.00	ug/L	11/25/25 15:24	PB170730
91-94-1	3,3-Dichlorobenzidine	0.93	U	1	0.93	10.0	ug/L	11/25/25 15:24	PB170730
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.00	ug/L	11/25/25 15:24	PB170730
218-01-9	Chrysene	0.44	U	1	0.44	5.00	ug/L	11/25/25 15:24	PB170730
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1	1.60	5.00	ug/L	11/25/25 15:24	PB170730
117-84-0	Di-n-octyl phthalate	2.30	U	1	2.30	10.0	ug/L	11/25/25 15:24	PB170730
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.00	ug/L	11/25/25 15:24	PB170730
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.00	ug/L	11/25/25 15:24	PB170730
50-32-8	Benzo(a)pyrene	0.55	U	1	0.55	5.00	ug/L	11/25/25 15:24	PB170730
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	1	0.59	5.00	ug/L	11/25/25 15:24	PB170730
53-70-3	Dibenzo(a,h)anthracene	0.67	U	1	0.67	5.00	ug/L	11/25/25 15:24	PB170730
191-24-2	Benzo(g,h,i)perylene	0.69	U	1	0.69	5.00	ug/L	11/25/25 15:24	PB170730

SURROGATES

367-12-4	2-Fluorophenol	84.6			60 - 140	85%	SPK: 100
13127-88-3	Phenol-d6	87.9			60 - 140	88%	SPK: 100
4165-60-0	Nitrobenzene-d5	84.2			60 - 140	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	83.9			60 - 140	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	65.0			60 - 140	65%	SPK: 100
1718-51-0	Terphenyl-d14	79.5			60 - 140	79%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	60800
1146-65-2	Naphthalene-d8	237000
15067-26-2	Acenaphthene-d10	123000
1517-22-2	Phenanthrene-d10	218000
1719-03-5	Chrysene-d12	135000
1520-96-3	Perylene-d12	174000

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\BF112525\
Data File : BF144351.D
Acq On : 25 Nov 2025 15:24
Operator : RC/JU
Sample : PB170730BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170730BL

Quant Time: Nov 25 17:03:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	60817	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	237169	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	123302	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	217878	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	134877	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	174045	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	328611	84.554	ng	0.00
7) Phenol-d6	6.493	99	387154	87.918	ng	0.00
23) Nitrobenzene-d5	7.422	82	345743	84.195	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	100565	64.994	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	700122	83.862	ng	-0.01
79) Terphenyl-d14	12.980	244	674811	79.470	ng	-0.01

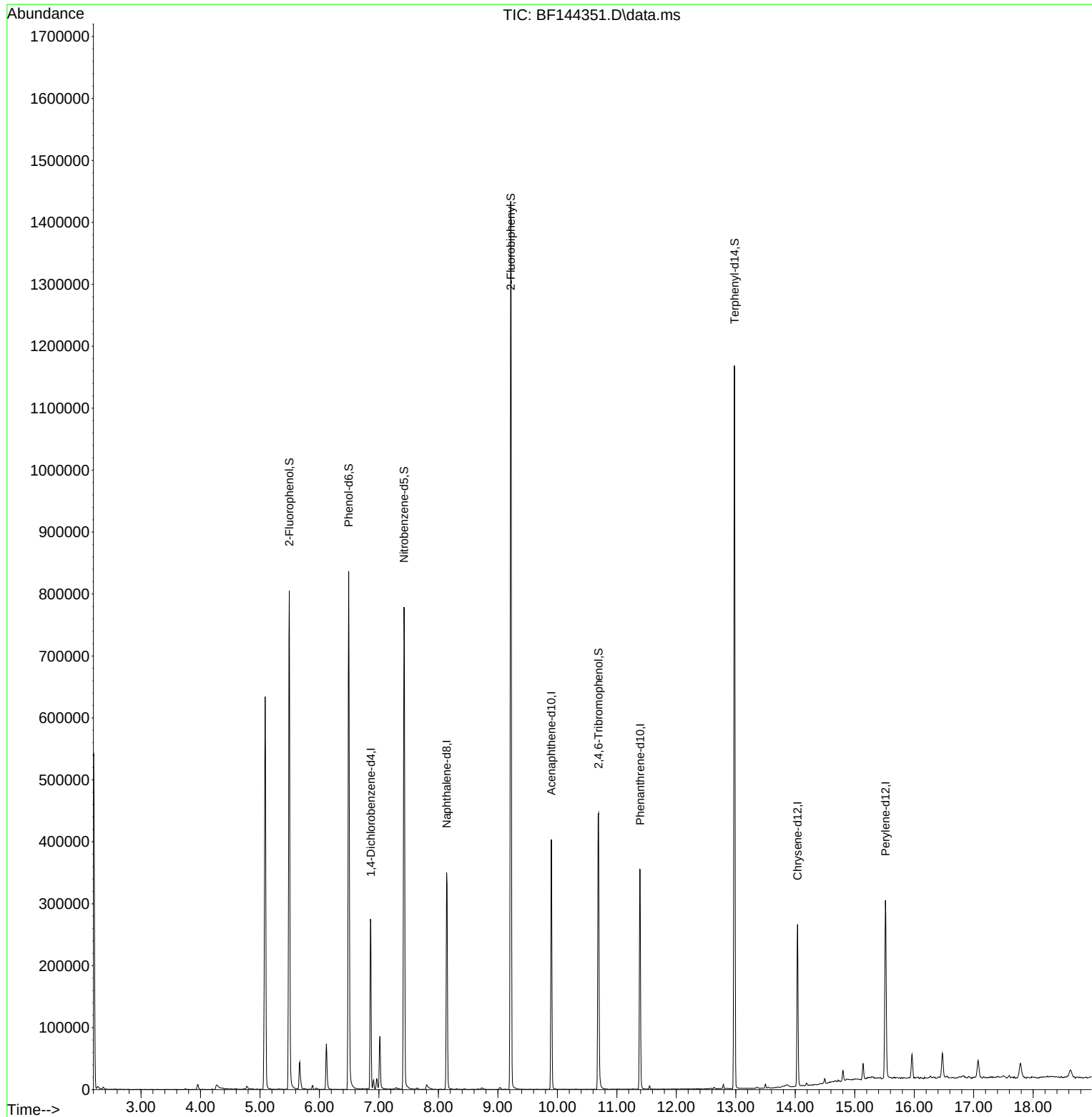
Target Compounds	Qvalue

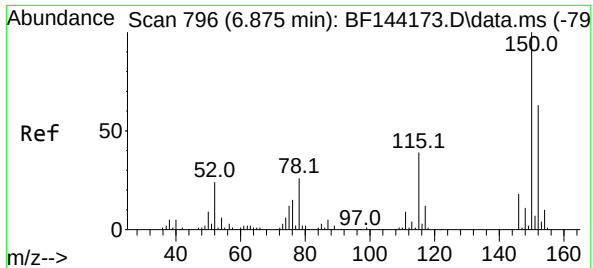
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144351.D
Acq On : 25 Nov 2025 15:24
Operator : RC/JU
Sample : PB170730BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170730BL

Quant Time: Nov 25 17:03:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

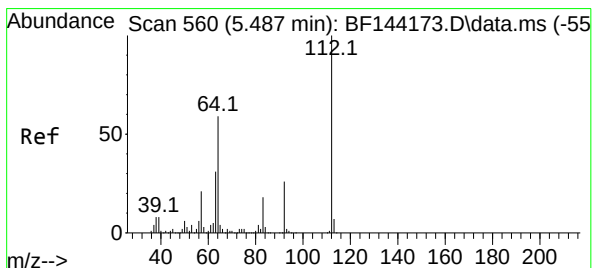
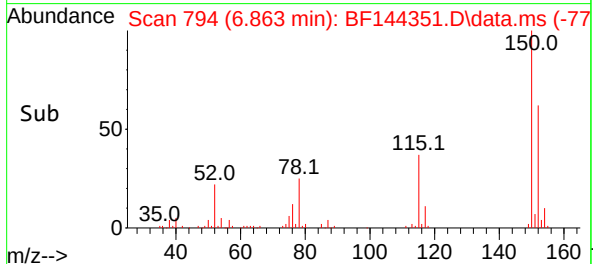
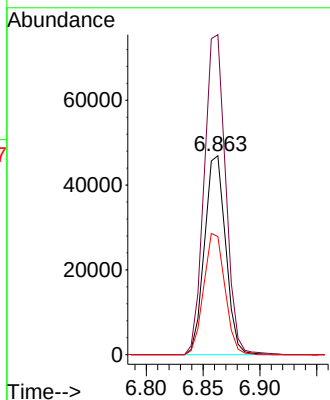
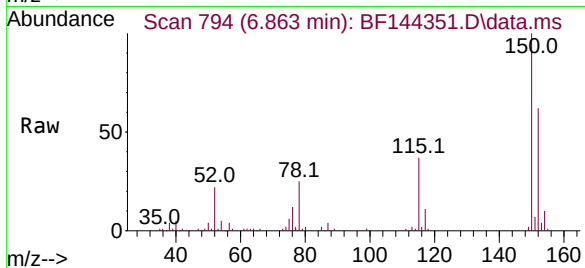




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 794
Delta R.T. -0.012 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24

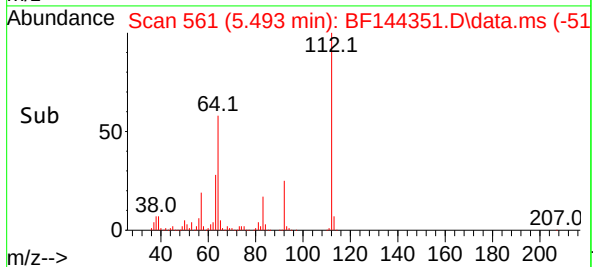
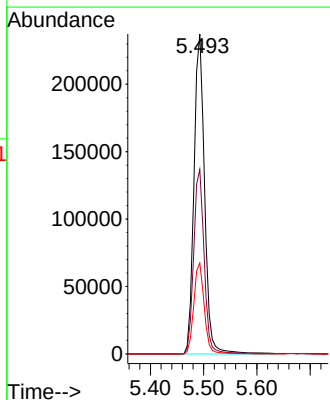
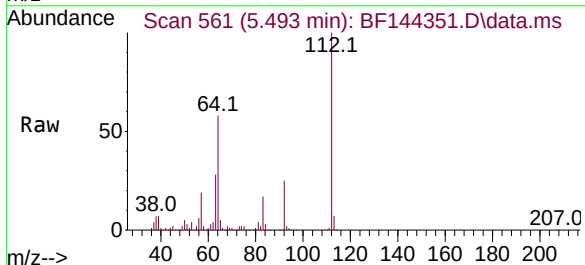
Instrument :
BNA_F
ClientSampleId :
PB170730BL

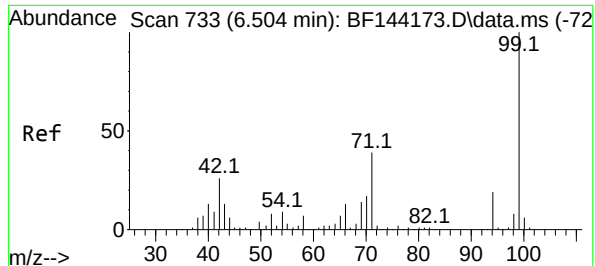
Tgt Ion:152 Resp: 60817
Ion Ratio Lower Upper
152 100
150 161.0 127.4 191.0
115 59.3 49.5 74.3



#5
2-Fluorophenol
Concen: 84.554 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24

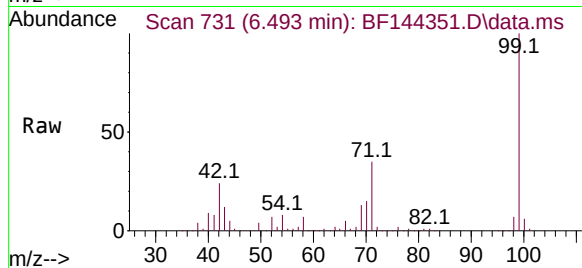
Tgt Ion:112 Resp: 328611
Ion Ratio Lower Upper
112 100
64 57.6 47.2 70.8
63 28.4 24.4 36.6



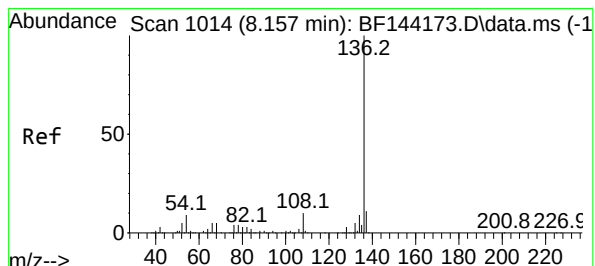
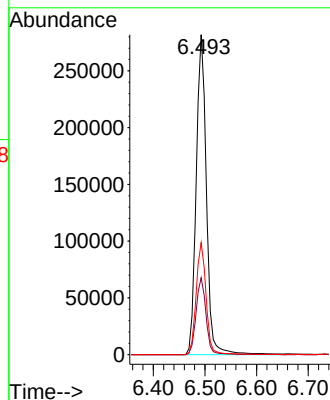
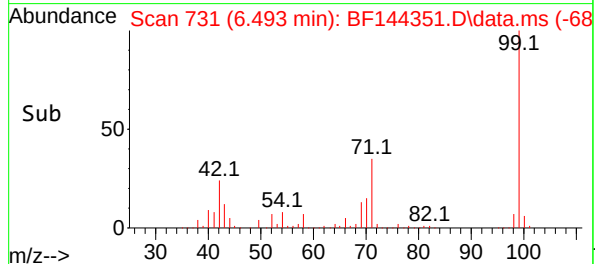


#7
Phenol-d6
Concen: 87.918 ng
RT: 6.493 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24

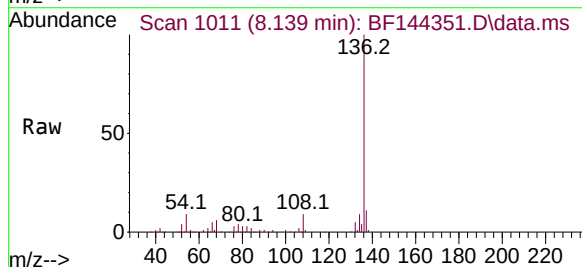
Instrument :
BNA_F
ClientSampleId :
PB170730BL



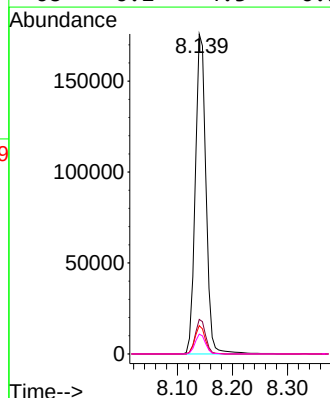
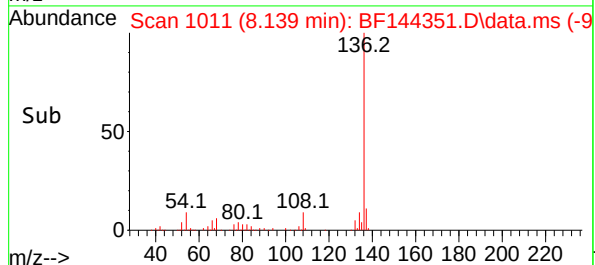
Tgt Ion: 99 Resp: 387154
Ion Ratio Lower Upper
99 100
42 24.0 20.9 31.3
71 35.0 31.4 47.2

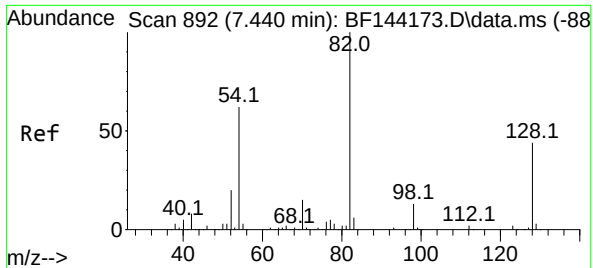


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24



Tgt Ion: 136 Resp: 237169
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.0 10.6
68 6.2 4.3 6.5





#23

Nitrobenzene-d5

Concen: 84.195 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL

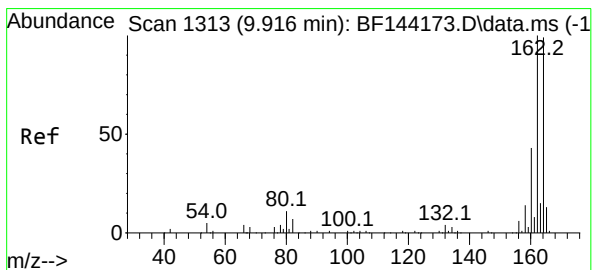
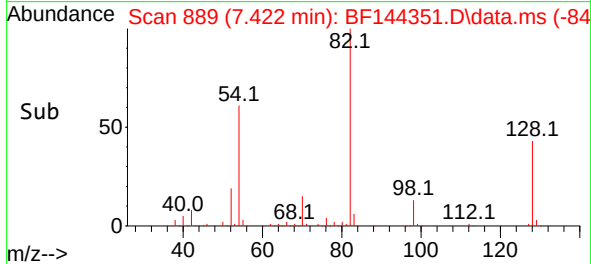
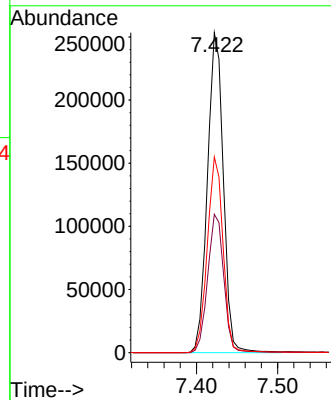
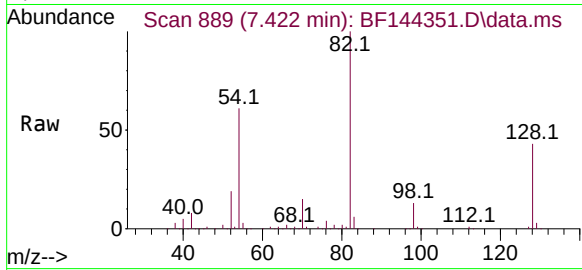
Tgt Ion: 82 Resp: 345743

Ion Ratio Lower Upper

82 100

128 43.2 34.7 52.1

54 61.1 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

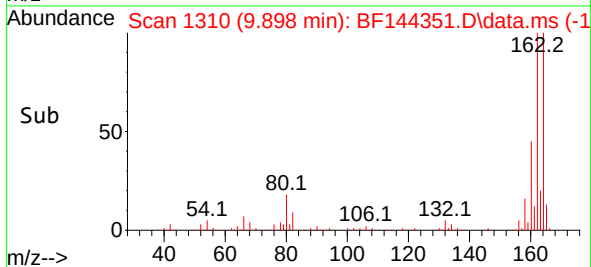
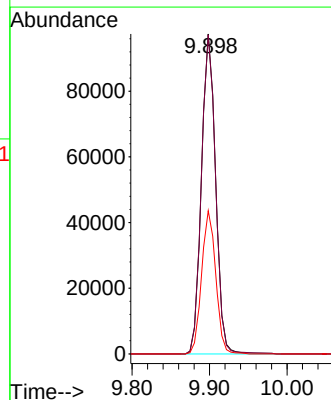
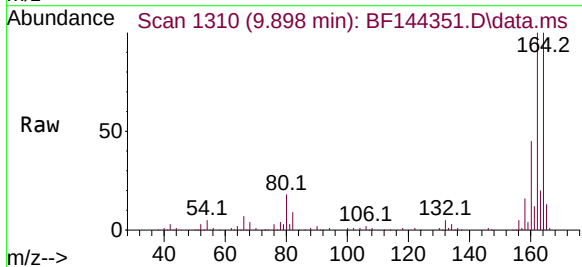
Tgt Ion:164 Resp: 123302

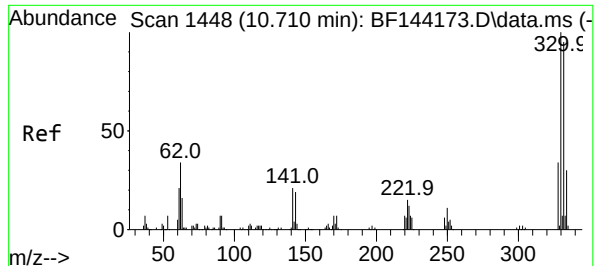
Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 44.7 34.5 51.7

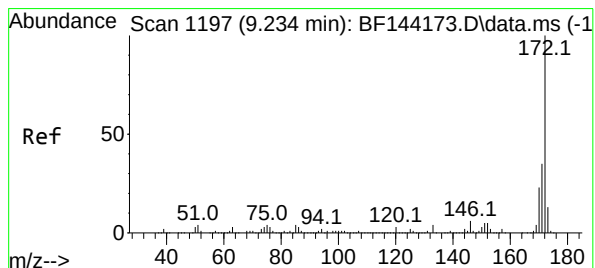
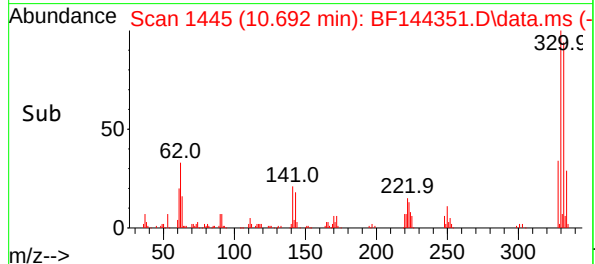
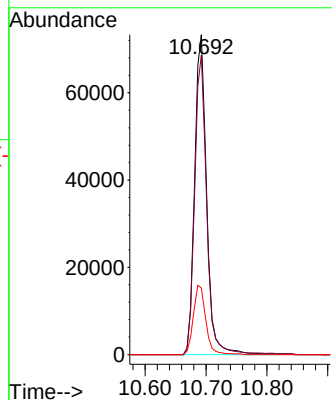
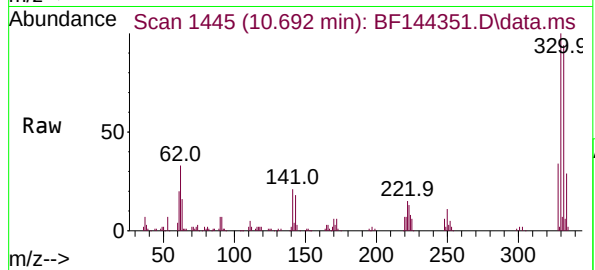




#42
2,4,6-Tribromophenol
Concen: 64.994 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24

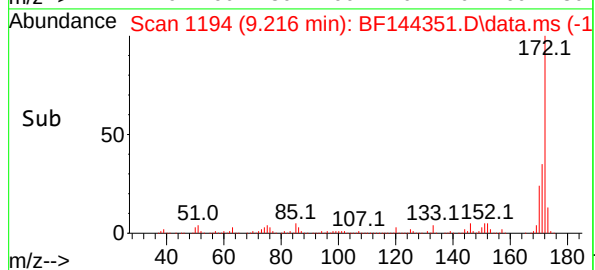
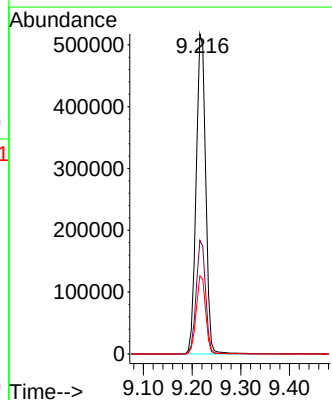
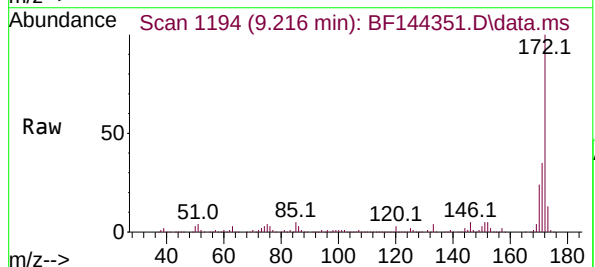
Instrument :
BNA_F
ClientSampleId :
PB170730BL

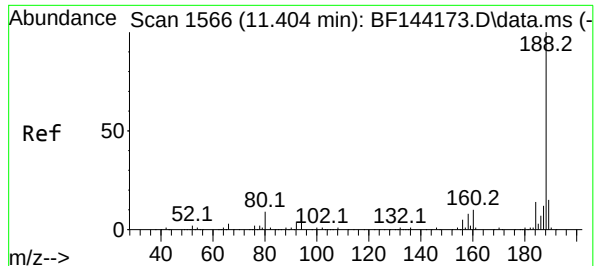
Tgt Ion:330 Resp: 100565
Ion Ratio Lower Upper
330 100
332 93.4 76.7 115.1
141 22.4 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 83.862 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144351.D
Acq: 25 Nov 2025 15:24

Tgt Ion:172 Resp: 700122
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL

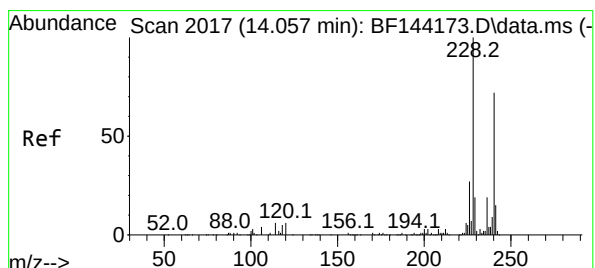
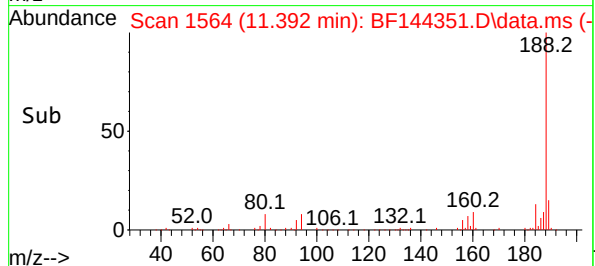
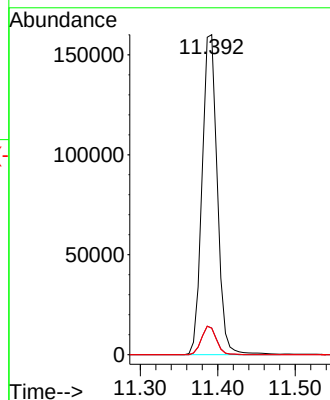
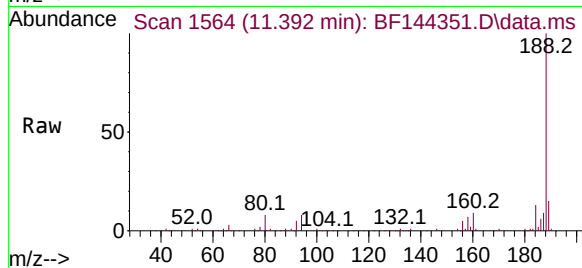
Tgt Ion:188 Resp: 217878

Ion Ratio Lower Upper

188 100

94 8.4 6.2 9.2

80 8.2 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2014

Delta R.T. -0.012 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

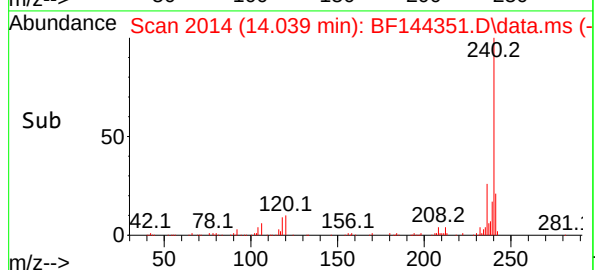
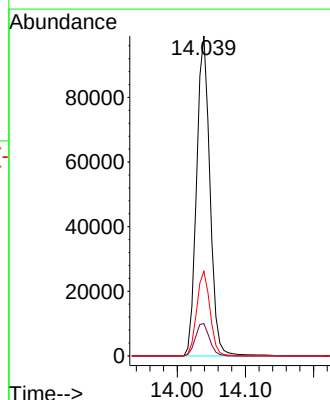
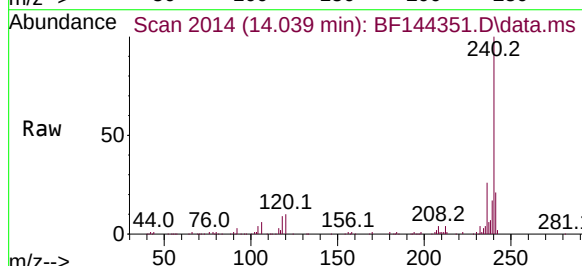
Tgt Ion:240 Resp: 134877

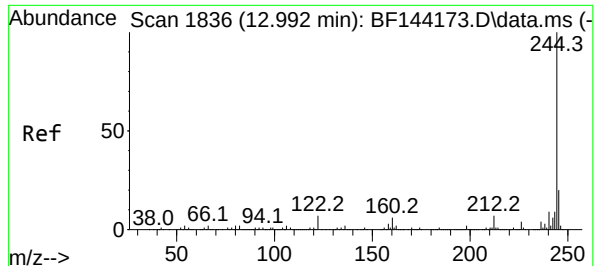
Ion Ratio Lower Upper

240 100

120 10.1 6.6 10.0#

236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 79.470 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

Instrument :

BNA_F

ClientSampleId :

PB170730BL

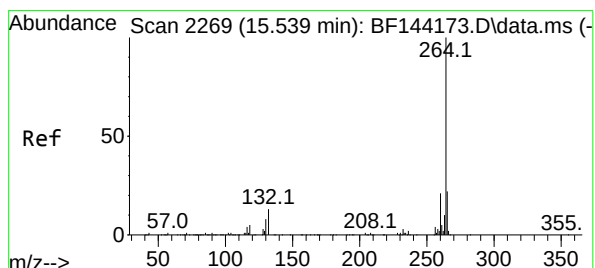
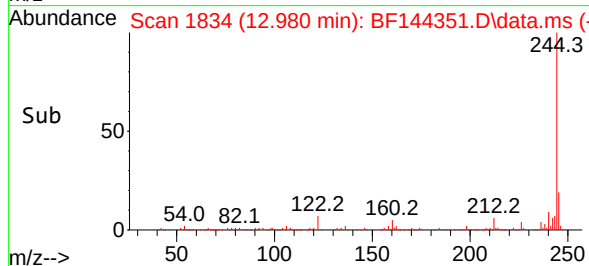
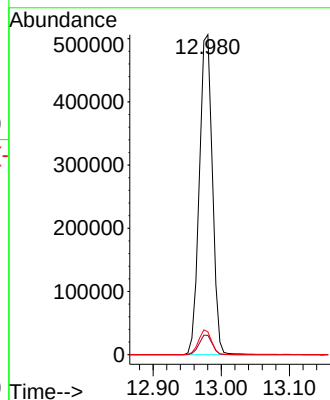
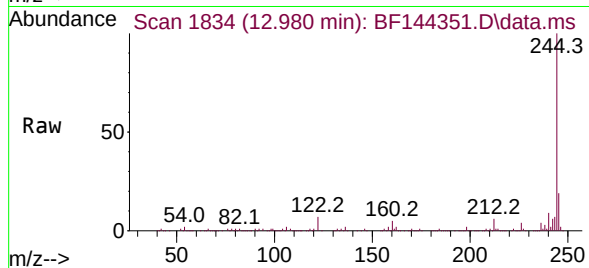
Tgt Ion:244 Resp: 674811

Ion Ratio Lower Upper

244 100

212 6.0 5.3 7.9

122 7.1 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2265

Delta R.T. -0.024 min

Lab File: BF144351.D

Acq: 25 Nov 2025 15:24

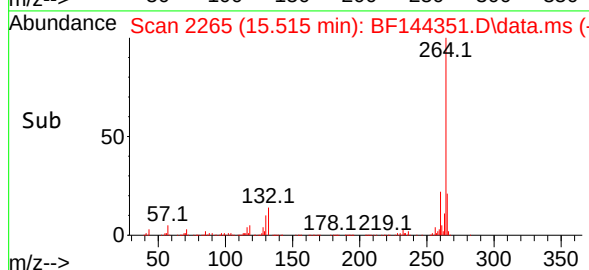
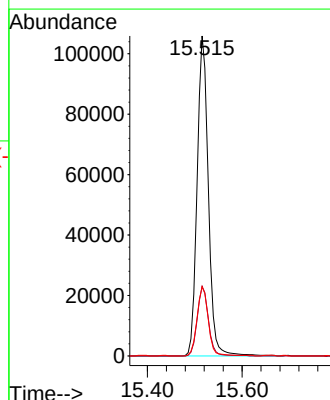
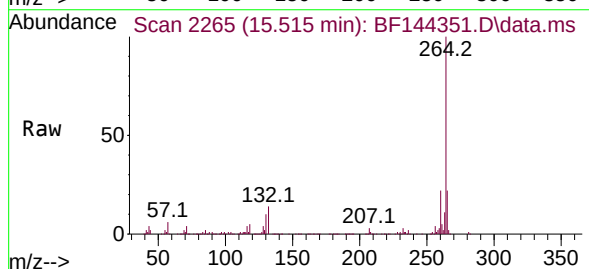
Tgt Ion:264 Resp: 174045

Ion Ratio Lower Upper

264 100

260 21.7 17.1 25.7

265 21.6 17.4 26.0



Report of Analysis

Client: Ardmore Chemical	Date Collected:	
Project: PVSC Monthly 2025	Date Received:	
Client Sample ID: PB170730BS	SDG No.:	Q3700
Lab Sample ID: PB170730BS	Matrix:	Water
Analytical Method: 625.1	% Solid:	0
Sample Wt/Vol: 1000 mL	Test:	SVOCMS Group1
Prep Method : 3510C	Level: LOW	
	Final Vol: 1000 uL	
	Prep Date: 11/25/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	42.6		1	0.86	10.0	ug/L	11/25/25 14:54	PB170730
108-95-2	Phenol	41.6		1	0.91	5.00	ug/L	11/25/25 14:54	PB170730
111-44-4	bis(2-Chloroethyl)ether	44.6		1	0.81	5.00	ug/L	11/25/25 14:54	PB170730
95-57-8	2-Chlorophenol	44.3		1	0.58	5.00	ug/L	11/25/25 14:54	PB170730
108-60-1	2,2-oxybis(1-Chloropropane)	46.0		1	1.30	5.00	ug/L	11/25/25 14:54	PB170730
621-64-7	n-Nitroso-di-n-propylamine	41.4		1	1.40	5.00	ug/L	11/25/25 14:54	PB170730
67-72-1	Hexachloroethane	41.6		1	0.65	5.00	ug/L	11/25/25 14:54	PB170730
98-95-3	Nitrobenzene	43.3		1	0.76	5.00	ug/L	11/25/25 14:54	PB170730
78-59-1	Isophorone	44.5		1	0.75	5.00	ug/L	11/25/25 14:54	PB170730
88-75-5	2-Nitrophenol	45.8		1	1.80	5.00	ug/L	11/25/25 14:54	PB170730
105-67-9	2,4-Dimethylphenol	48.7		1	1.90	5.00	ug/L	11/25/25 14:54	PB170730
111-91-1	bis(2-Chloroethoxy)methane	44.5		1	0.68	5.00	ug/L	11/25/25 14:54	PB170730
120-83-2	2,4-Dichlorophenol	41.8		1	0.52	5.00	ug/L	11/25/25 14:54	PB170730
120-82-1	1,2,4-Trichlorobenzene	43.2		1	0.54	5.00	ug/L	11/25/25 14:54	PB170730
91-20-3	Naphthalene	43.0		1	0.50	5.00	ug/L	11/25/25 14:54	PB170730
87-68-3	Hexachlorobutadiene	40.1		1	0.54	5.00	ug/L	11/25/25 14:54	PB170730
59-50-7	4-Chloro-3-methylphenol	40.9		1	0.59	5.00	ug/L	11/25/25 14:54	PB170730
77-47-4	Hexachlorocyclopentadiene	83.9	E	1	3.60	10.0	ug/L	11/25/25 14:54	PB170730
88-06-2	2,4,6-Trichlorophenol	45.1		1	0.51	5.00	ug/L	11/25/25 14:54	PB170730
91-58-7	2-Chloronaphthalene	47.0		1	0.61	5.00	ug/L	11/25/25 14:54	PB170730
131-11-3	Dimethylphthalate	46.0		1	0.61	5.00	ug/L	11/25/25 14:54	PB170730
208-96-8	Acenaphthylene	48.7		1	0.75	5.00	ug/L	11/25/25 14:54	PB170730
606-20-2	2,6-Dinitrotoluene	49.6		1	0.92	5.00	ug/L	11/25/25 14:54	PB170730
83-32-9	Acenaphthene	43.0		1	0.55	5.00	ug/L	11/25/25 14:54	PB170730
51-28-5	2,4-Dinitrophenol	90.3	E	1	6.00	10.0	ug/L	11/25/25 14:54	PB170730
100-02-7	4-Nitrophenol	81.0	E	1	2.40	10.0	ug/L	11/25/25 14:54	PB170730
121-14-2	2,4-Dinitrotoluene	46.2		1	1.20	5.00	ug/L	11/25/25 14:54	PB170730
84-66-2	Diethylphthalate	44.7		1	0.69	5.00	ug/L	11/25/25 14:54	PB170730
7005-72-3	4-Chlorophenyl-phenylether	43.8		1	0.68	5.00	ug/L	11/25/25 14:54	PB170730
86-73-7	Fluorene	46.1		1	0.63	5.00	ug/L	11/25/25 14:54	PB170730
534-52-1	4,6-Dinitro-2-methylphenol	42.1		1	2.90	10.0	ug/L	11/25/25 14:54	PB170730
86-30-6	n-Nitrosodiphenylamine	44.3		1	0.58	5.00	ug/L	11/25/25 14:54	PB170730
103-33-3	Azobenzene	45.7		1	0.81	5.00	ug/L	11/25/25 14:54	PB170730
101-55-3	4-Bromophenyl-phenylether	41.8		1	0.40	5.00	ug/L	11/25/25 14:54	PB170730
118-74-1	Hexachlorobenzene	42.2		1	0.52	5.00	ug/L	11/25/25 14:54	PB170730
87-86-5	Pentachlorophenol	73.7		1	1.60	10.0	ug/L	11/25/25 14:54	PB170730
85-01-8	Phenanthrene	43.8		1	0.50	5.00	ug/L	11/25/25 14:54	PB170730
120-12-7	Anthracene	42.2		1	0.61	5.00	ug/L	11/25/25 14:54	PB170730
84-74-2	Di-n-butylphthalate	42.6		1	1.20	5.00	ug/L	11/25/25 14:54	PB170730
206-44-0	Fluoranthene	43.2		1	0.82	5.00	ug/L	11/25/25 14:54	PB170730
92-87-5	Benzidine	8.90	J	1	4.30	10.0	ug/L	11/25/25 14:54	PB170730
129-00-0	Pyrene	41.9		1	0.50	5.00	ug/L	11/25/25 14:54	PB170730



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

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	
Project:	PVSC Monthly 2025		Date Received:	
Client Sample ID:	PB170730BS		SDG No.:	Q3700
Lab Sample ID:	PB170730BS		Matrix:	Water
Analytical Method:	625.1	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	46.4		1	1.90	5.00	ug/L	11/25/25 14:54	PB170730
91-94-1	3,3-Dichlorobenzidine	46.2		1	0.93	10.0	ug/L	11/25/25 14:54	PB170730
56-55-3	Benzo(a)anthracene	49.6		1	0.45	5.00	ug/L	11/25/25 14:54	PB170730
218-01-9	Chrysene	46.4		1	0.44	5.00	ug/L	11/25/25 14:54	PB170730
117-81-7	Bis(2-ethylhexyl)phthalate	48.1		1	1.60	5.00	ug/L	11/25/25 14:54	PB170730
117-84-0	Di-n-octyl phthalate	51.0		1	2.30	10.0	ug/L	11/25/25 14:54	PB170730
205-99-2	Benzo(b)fluoranthene	56.7		1	0.49	5.00	ug/L	11/25/25 14:54	PB170730
207-08-9	Benzo(k)fluoranthene	46.8		1	0.48	5.00	ug/L	11/25/25 14:54	PB170730
50-32-8	Benzo(a)pyrene	48.8		1	0.55	5.00	ug/L	11/25/25 14:54	PB170730
193-39-5	Indeno(1,2,3-cd)pyrene	48.3		1	0.59	5.00	ug/L	11/25/25 14:54	PB170730
53-70-3	Dibenzo(a,h)anthracene	49.8		1	0.67	5.00	ug/L	11/25/25 14:54	PB170730
191-24-2	Benzo(g,h,i)perylene	50.7		1	0.69	5.00	ug/L	11/25/25 14:54	PB170730

SURROGATES

367-12-4	2-Fluorophenol	88.4			60 - 140	88%	SPK: 100
13127-88-3	Phenol-d6	88.6			60 - 140	89%	SPK: 100
4165-60-0	Nitrobenzene-d5	86.0			60 - 140	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.3			60 - 140	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	81.2			60 - 140	81%	SPK: 100
1718-51-0	Terphenyl-d14	83.5			60 - 140	84%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	61800
1146-65-2	Naphthalene-d8	233000
15067-26-2	Acenaphthene-d10	114000
1517-22-2	Phenanthrene-d10	199000
1719-03-5	Chrysene-d12	133000
1520-96-3	Perylene-d12	167000

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\BF112525\
 Data File : BF144350.D
 Acq On : 25 Nov 2025 14:54
 Operator : RC/JU
 Sample : PB170730BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Quant Time: Nov 25 17:03:20 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 18:37:33 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	61843	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	232918	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	113683	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	198856	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	132740	20.000	ng	-0.01
86) Perylene-d12	15.515	264	166770	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	349489	88.435	ng	0.00
7) Phenol-d6	6.498	99	396598	88.568	ng	0.00
23) Nitrobenzene-d5	7.428	82	346629	85.951	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	115813	81.182	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	695353	90.338	ng	0.00
79) Terphenyl-d14	12.980	244	698027	83.528	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	64585	39.529	ng	99
3) Pyridine	3.440	79	157901	34.641	ng	98
4) n-Nitrosodimethylamine	3.393	42	101457	42.611	ng	88
6) Aniline	6.528	93	149466	23.428	ng	94
8) 2-Chlorophenol	6.651	128	171834	44.337	ng	98
9) Benzaldehyde	6.434	77	248	0.098	ng	# 39
10) Phenol	6.510	94	227673	41.614	ng	98
11) bis(2-Chloroethyl)ether	6.598	93	177785	44.596	ng	98
12) 1,3-Dichlorobenzene	6.804	146	206426	43.164	ng	97
13) 1,4-Dichlorobenzene	6.881	146	207529	43.315	ng	99
14) 1,2-Dichlorobenzene	7.034	146	200186	43.592	ng	98
15) Benzyl Alcohol	7.004	79	156926	44.258	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	337422	45.962	ng	94
17) 2-Methylphenol	7.116	107	136654	44.322	ng	98
18) Hexachloroethane	7.369	117	66228	41.606	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	122162	41.442	ng	98
20) 3+4-Methylphenols	7.269	107	149170	41.042	ng	95
22) Acetophenone	7.269	105	215890	43.207	ng	98
24) Nitrobenzene	7.445	77	189523	43.283	ng	97
25) Isophorone	7.686	82	339451	44.499	ng	99
26) 2-Nitrophenol	7.763	139	99171	45.752	ng	94
27) 2,4-Dimethylphenol	7.798	122	158102	48.665	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	212182	44.543	ng	98
29) 2,4-Dichlorophenol	8.004	162	156456	41.783	ng	100
30) 1,2,4-Trichlorobenzene	8.086	180	166193	43.223	ng	99
31) Naphthalene	8.169	128	476514	43.008	ng	99
32) Benzoic acid	7.928	122	96380	40.472	ng	95
33) 4-Chloroaniline	8.216	127	116523	28.836	ng	97
34) Hexachlorobutadiene	8.281	225	116070	40.055	ng	99
35) Caprolactam	8.586	113	46925m	45.742	ng	
36) 4-Chloro-3-methylphenol	8.698	107	137357	40.931	ng	98
37) 2-Methylnaphthalene	8.857	142	307456	41.504	ng	100
38) 1-Methylnaphthalene	8.957	142	285406	39.930	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	171267	45.968	ng	99
41) Hexachlorocyclopentadiene	9.010	237	124503	83.912	ng	97
43) 2,4,6-Trichlorophenol	9.139	196	114449	45.133	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144350.D
 Acq On : 25 Nov 2025 14:54
 Operator : RC/JU
 Sample : PB170730BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170730BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Quant Time: Nov 25 17:03:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	118753	43.451	ng	99
46) 1,1'-Biphenyl	9.322	154	377368	47.555	ng	99
47) 2-Chloronaphthalene	9.351	162	318427	47.042	ng	99
48) 2-Nitroaniline	9.445	65	90508	46.341	ng	95
49) Acenaphthylene	9.763	152	449208	48.698	ng	99
50) Dimethylphthalate	9.622	163	346493	46.007	ng	100
51) 2,6-Dinitrotoluene	9.686	165	75673	49.636	ng	97
52) Acenaphthene	9.933	154	265215	42.995	ng	100
53) 3-Nitroaniline	9.857	138	59429	35.659	ng	99
54) 2,4-Dinitrophenol	9.975	184	83156	90.326	ng	91
55) Dibenzofuran	10.110	168	391375	45.303	ng	98
56) 4-Nitrophenol	10.027	139	97639	80.991	ng	93
57) 2,4-Dinitrotoluene	10.092	165	94303	46.206	ng	99
58) Fluorene	10.451	166	302636	46.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	87926	45.472	ng	98
60) Diethylphthalate	10.322	149	310275	44.691	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	163940	43.816	ng	97
62) 4-Nitroaniline	10.475	138	67768	42.698	ng	92
63) Azobenzene	10.604	77	295478	45.730	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	56872	42.099	ng	97
66) n-Nitrosodiphenylamine	10.563	169	283440	44.317	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	106088	41.796	ng	99
68) Hexachlorobenzene	11.004	284	126307	42.248	ng	94
69) Atrazine	11.086	200	53907	26.503	ng	98
70) Pentachlorophenol	11.198	266	109781	73.741	ng	98
71) Phenanthrene	11.416	178	433701	43.805	ng	100
72) Anthracene	11.469	178	425180	42.233	ng	99
73) Carbazole	11.627	167	364792	42.613	ng	99
74) Di-n-butylphthalate	11.945	149	440590	42.574	ng	99
75) Fluoranthene	12.610	202	442233	43.240	ng	99
77) Benzidine	12.733	184	34802	8.864	ng	100
78) Pyrene	12.839	202	448343	41.891	ng	99
80) Butylbenzylphthalate	13.451	149	172020	46.374	ng	98
81) Benzo(a)anthracene	14.027	228	455856	49.550	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	145752	46.219	ng	97
83) Chrysene	14.068	228	394462	46.447	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	244500	48.149	ng	99
85) Di-n-octyl phthalate	14.621	149	446718	50.988	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	578262	48.304	ng	98
88) Benzo(b)fluoranthene	15.086	252	537665	56.708	ng	98
89) Benzo(k)fluoranthene	15.115	252	415699	46.843	ng	99
90) Benzo(a)pyrene	15.457	252	426596	48.772	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	478350	49.754	ng	99
92) Benzo(g,h,i)perylene	17.480	276	481091	50.672	ng	98

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

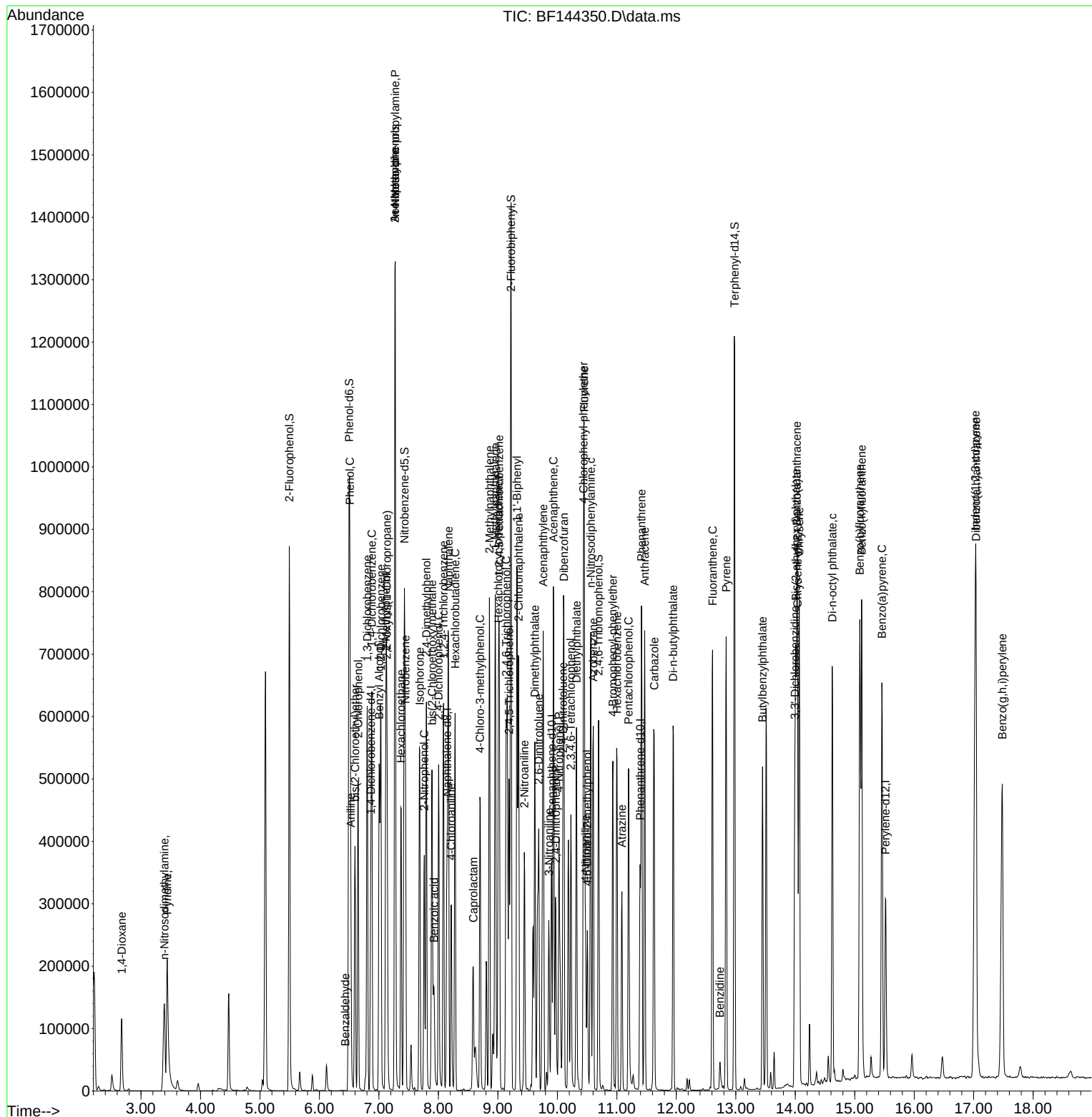
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Data File : BF144350.D  
Acq On    : 25 Nov 2025  14:54  
Operator  : RC/JU  
Sample    : PB170730BS  
Misc      :  
ALS Vial  : 4    Sample Multiplier: 1
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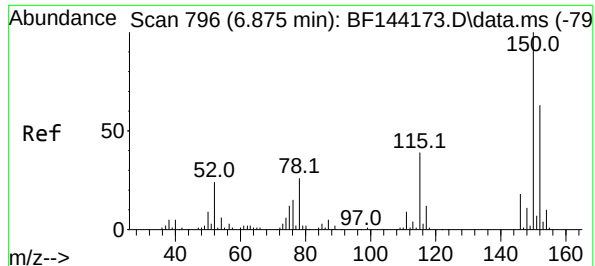
Instrument :
BNA_F
ClientSampleId :
PB170730BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

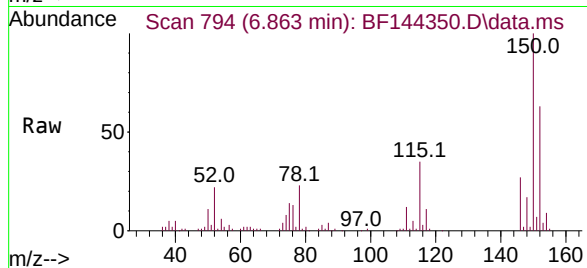
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

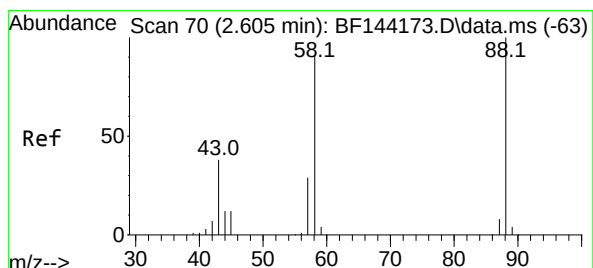
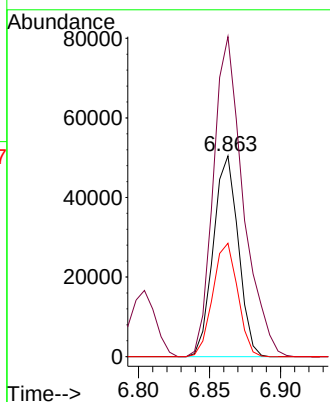
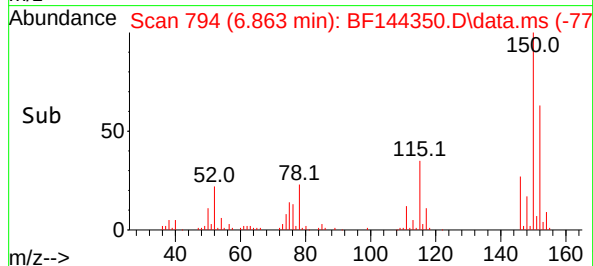
Instrument :
BNA_F
ClientSampleId :
PB170730BS



Tgt Ion:152 Resp: 61843
Ion Ratio Lower Upper
152 100
150 159.5 127.4 191.0
115 56.5 49.5 74.3

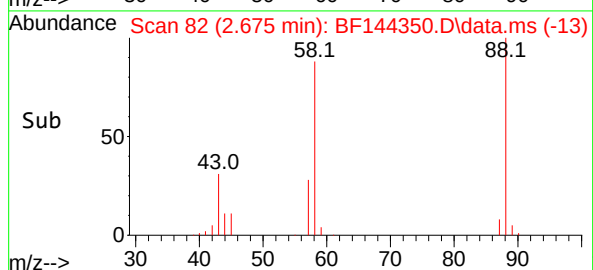
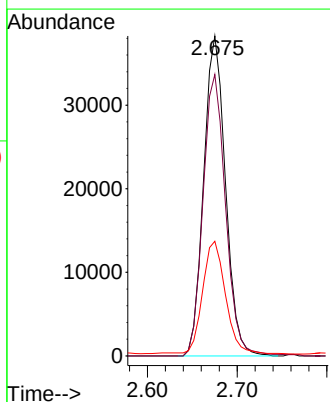
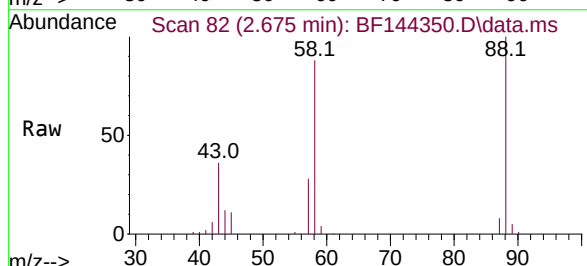
Manual Integrations
APPROVED

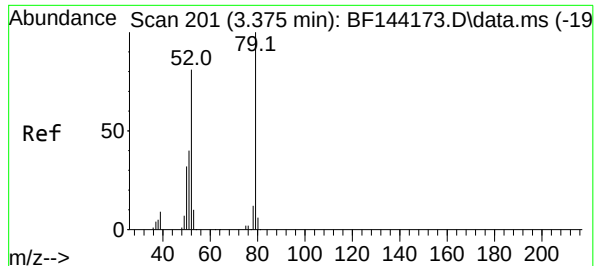
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#2
1,4-Dioxane
Concen: 39.529 ng
RT: 2.675 min Scan# 82
Delta R.T. 0.059 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

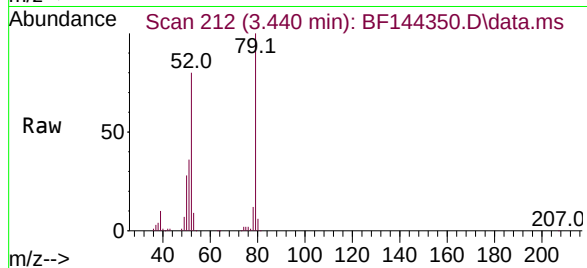
Tgt Ion: 88 Resp: 64585
Ion Ratio Lower Upper
88 100
58 91.2 73.1 109.7
43 37.1 31.0 46.6





#3
Pyridine
Concen: 34.641 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

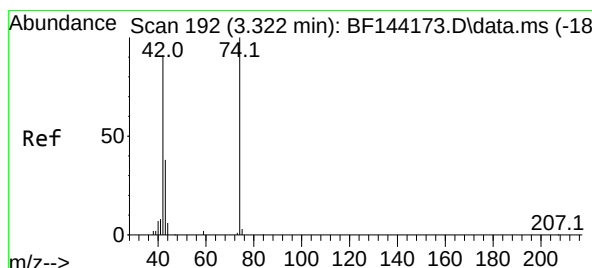
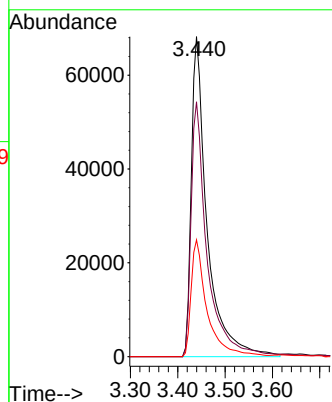
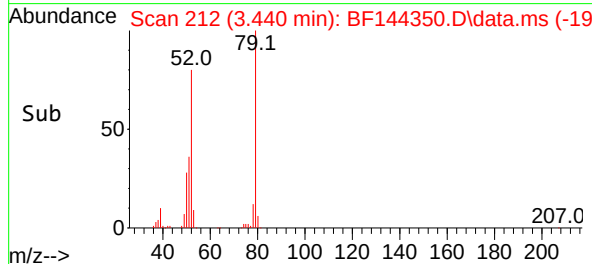
Instrument :
BNA_F
ClientSampleId :
PB170730BS



Tgt Ion: 79 Resp: 15790
Ion Ratio Lower Upper
79 100
52 79.6 64.5 96.7
51 36.5 31.7 47.5

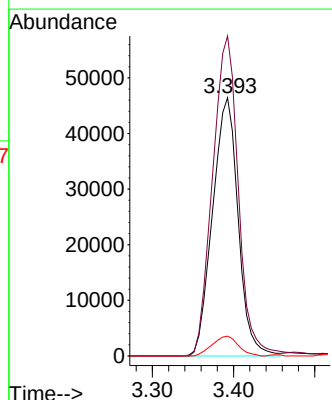
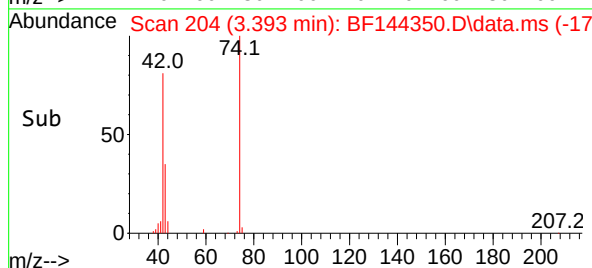
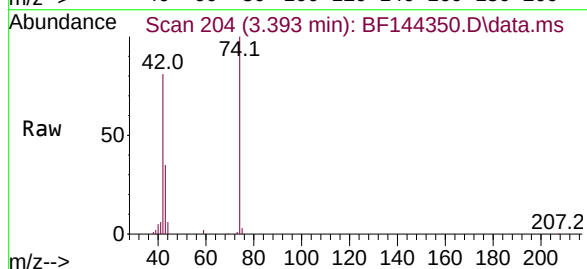
Manual Integrations
APPROVED

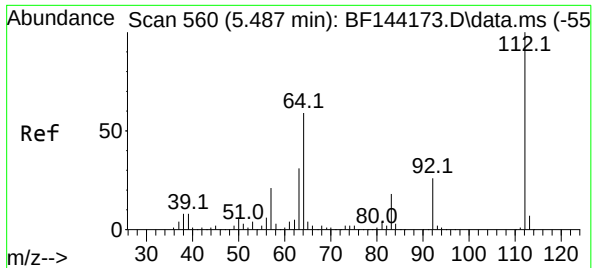
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#4
n-Nitrosodimethylamine
Concen: 42.611 ng
RT: 3.393 min Scan# 204
Delta R.T. 0.047 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Tgt Ion: 42 Resp: 101457
Ion Ratio Lower Upper
42 100
74 124.0 88.2 132.4
44 7.6 5.7 8.5





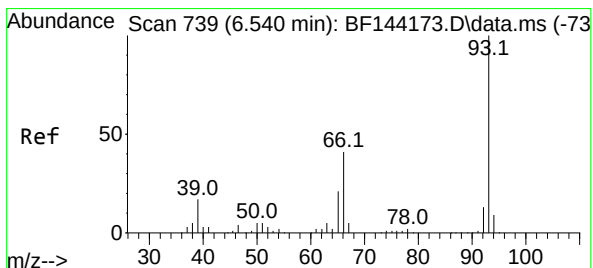
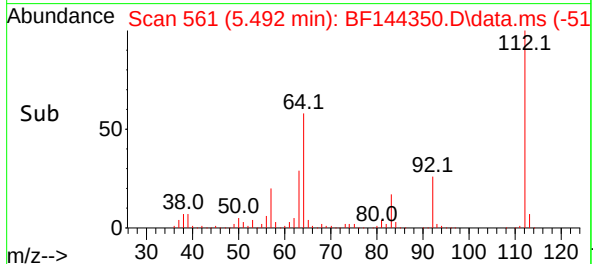
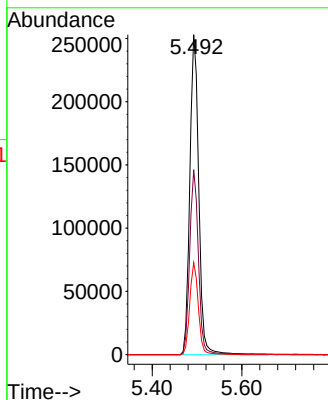
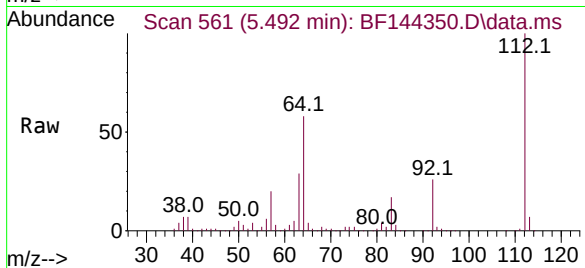
#5
2-Fluorophenol
Concen: 88.435 ng
RT: 5.492 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170730BS

Tgt Ion:112 Resp: 349489
Ion Ratio Lower Upper
112 100
64 57.8 47.2 70.8
63 28.7 24.4 36.6

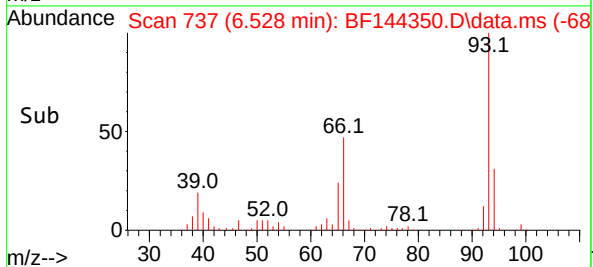
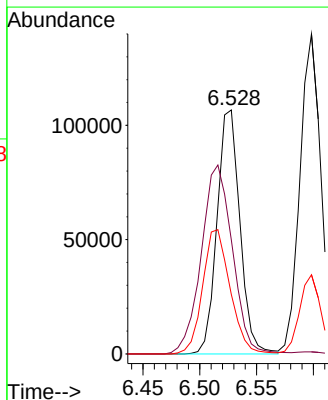
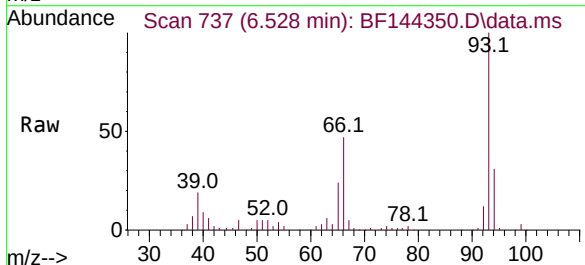
Manual Integrations
APPROVED

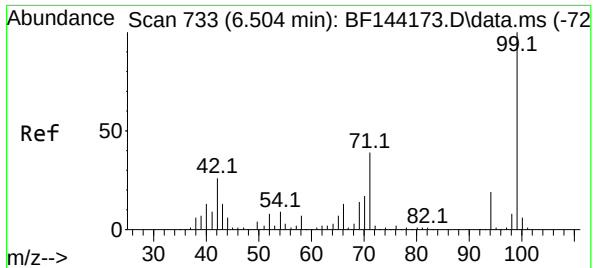
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#6
Aniline
Concen: 23.428 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

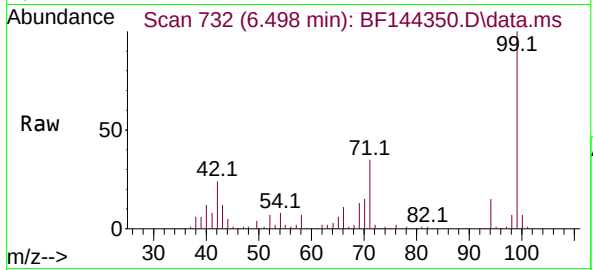
Tgt Ion: 93 Resp: 149466
Ion Ratio Lower Upper
93 100
66 46.7 34.3 51.5
65 24.4 16.9 25.3





#7
Phenol-d6
Concen: 88.568 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

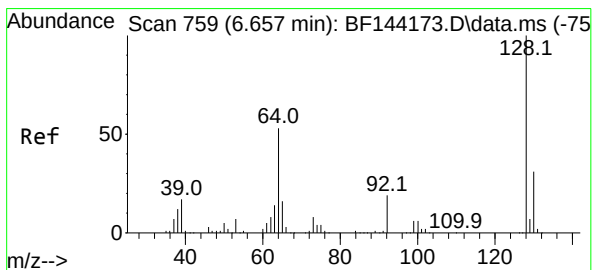
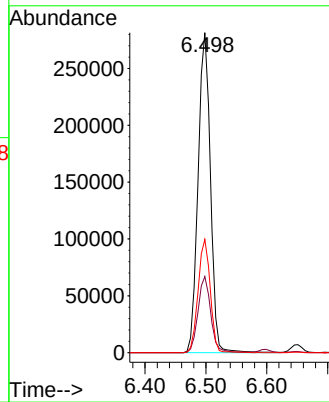
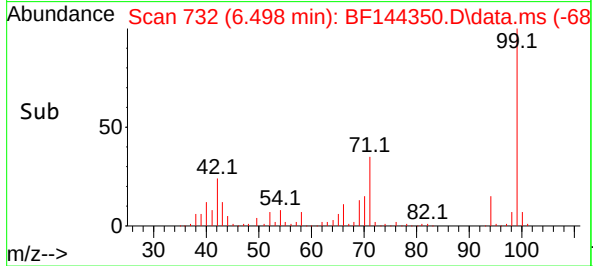
Instrument :
BNA_F
ClientSampleId :
PB170730BS



Tgt Ion: 99 Resp: 396598
Ion Ratio Lower Upper
99 100
42 23.8 20.9 31.3
71 35.4 31.4 47.2

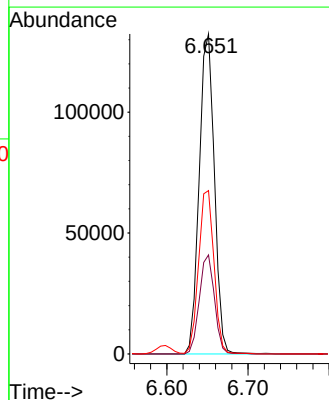
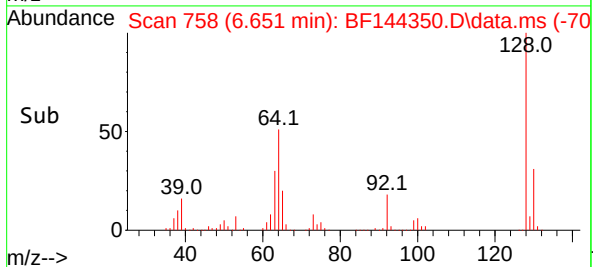
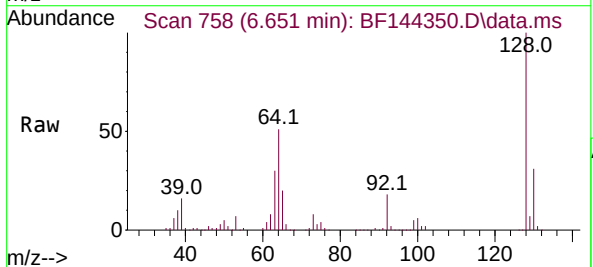
Manual Integrations
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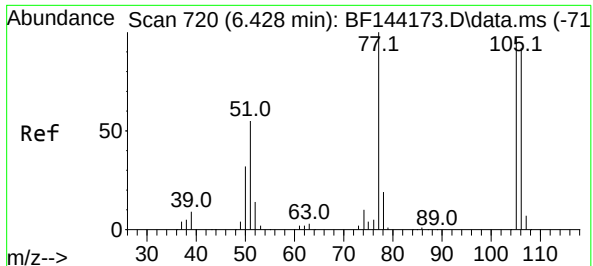
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#8
2-Chlorophenol
Concen: 44.337 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Tgt Ion:128 Resp: 171834
Ion Ratio Lower Upper
128 100
130 30.9 10.5 50.5
64 51.0 33.2 73.2





#9

Benzaldehyde

Concen: 0.098 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

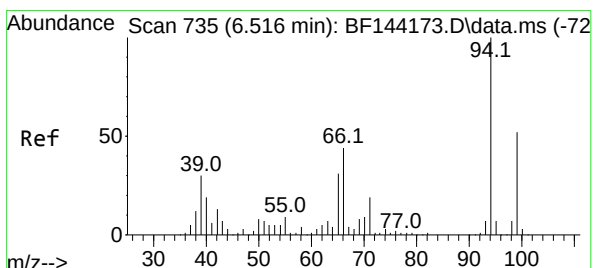
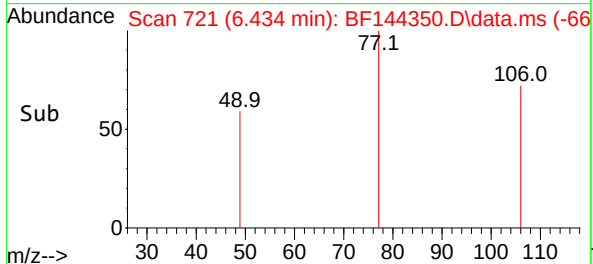
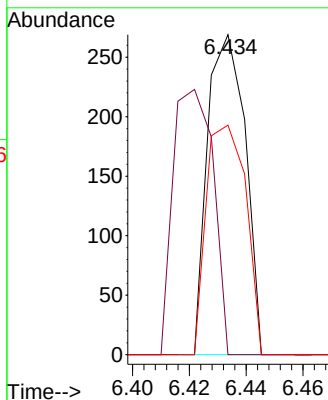
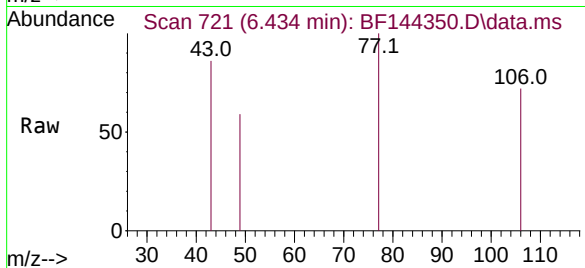
PB170730BS

Tgt Ion: 77	Resp: 248
Ion Ratio	Lower Upper
77 100	
105 0.0	77.2 117.2
106 71.7	72.2 112.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025



#10

Phenol

Concen: 41.614 ng

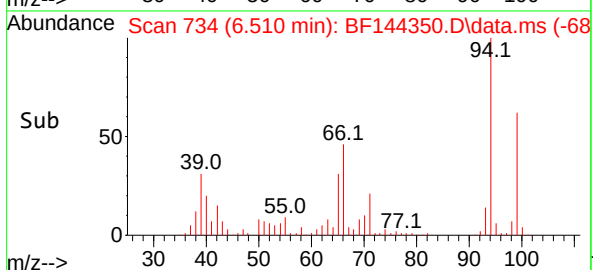
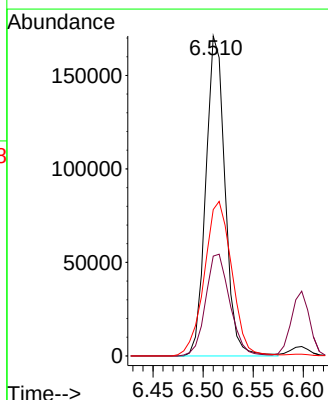
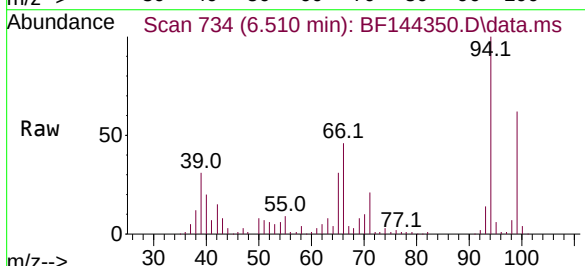
RT: 6.510 min Scan# 734

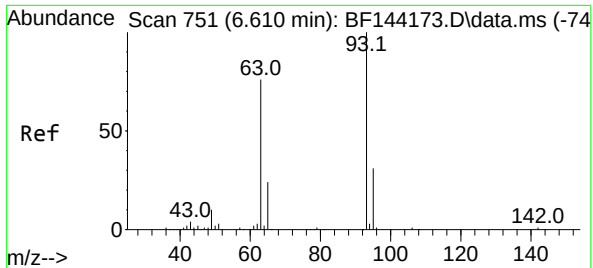
Delta R.T. -0.000 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Tgt Ion: 94	Resp: 227673
Ion Ratio	Lower Upper
94 100	
65 31.2	10.8 50.8
66 45.7	24.3 64.3





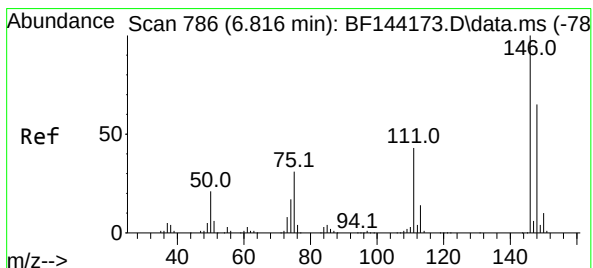
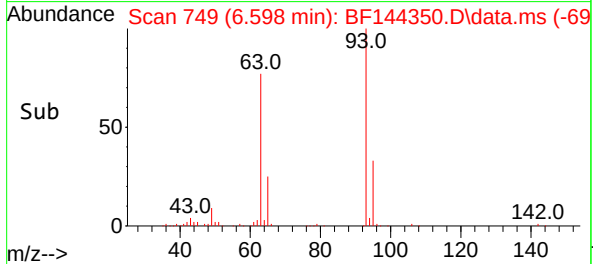
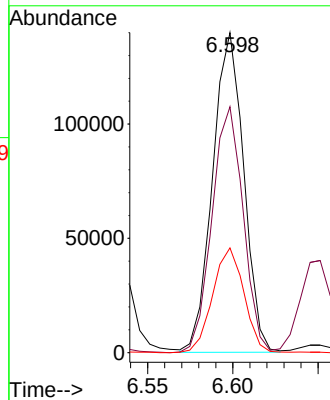
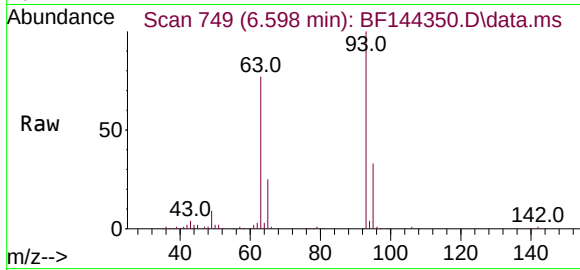
#11
bis(2-Chloroethyl)ether
Concen: 44.596 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170730BS

Tgt Ion: 93 Resp: 177785
Ion Ratio Lower Upper
93 100
63 76.8 55.2 95.2
95 32.7 11.2 51.2

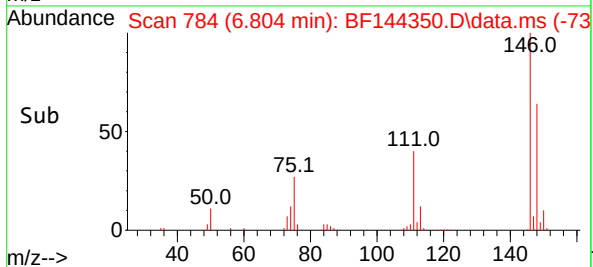
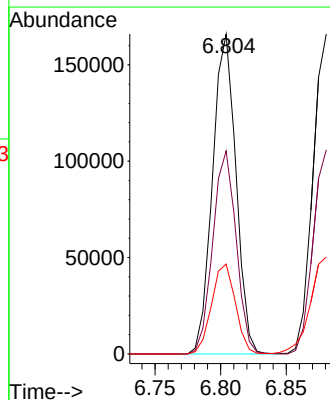
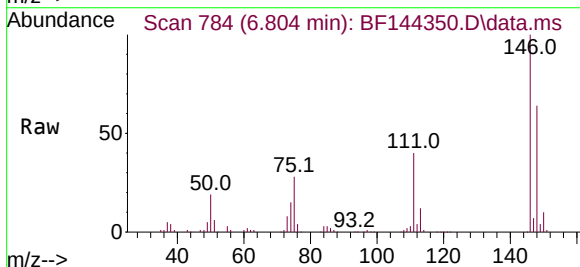
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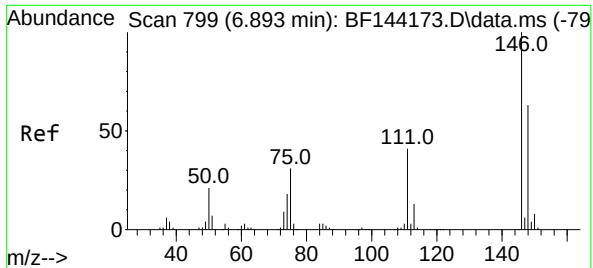
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#12
1,3-Dichlorobenzene
Concen: 43.164 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Tgt Ion:146 Resp: 206426
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.8
75 28.1 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 43.315 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:146 Resp: 207529

Ion Ratio Lower Upper

146 100

148 63.8 50.2 75.2

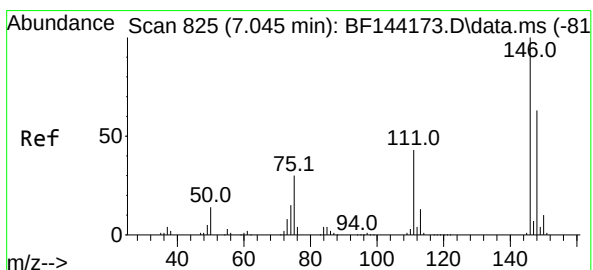
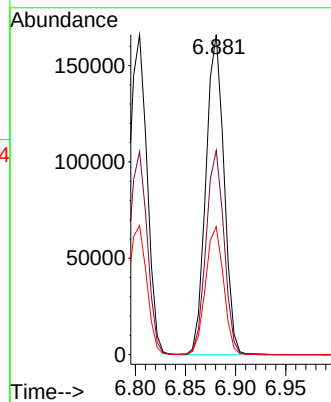
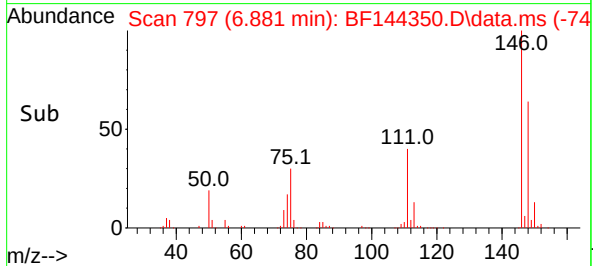
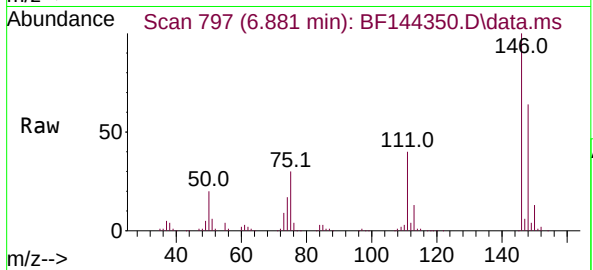
111 40.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025

Supervised By :mohammad ahmed 11/27/2025



#14

1,2-Dichlorobenzene

Concen: 43.592 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

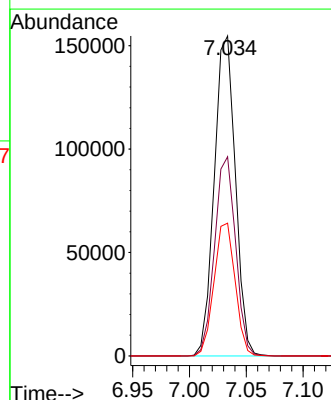
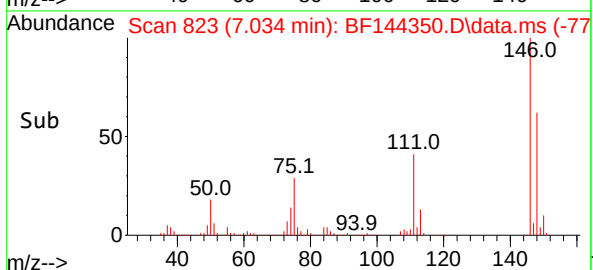
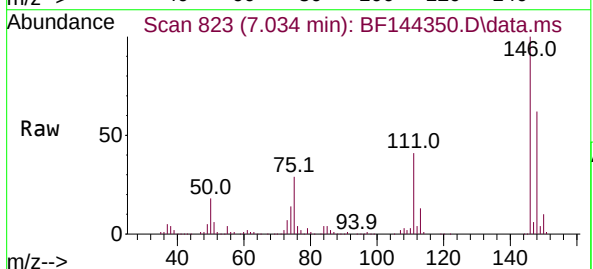
Tgt Ion:146 Resp: 200186

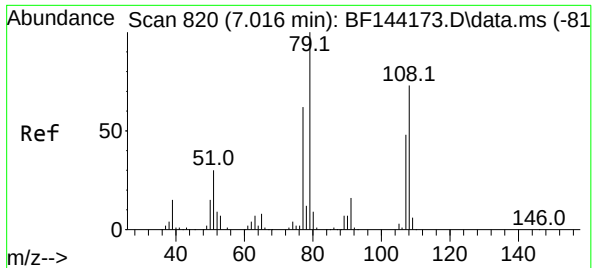
Ion Ratio Lower Upper

146 100

148 62.2 50.7 76.1

111 41.5 34.2 51.4





#15

Benzyl Alcohol

Concen: 44.258 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion: 79 Resp: 156926

Ion Ratio Lower Upper

79 100

108 73.6 58.2 87.4

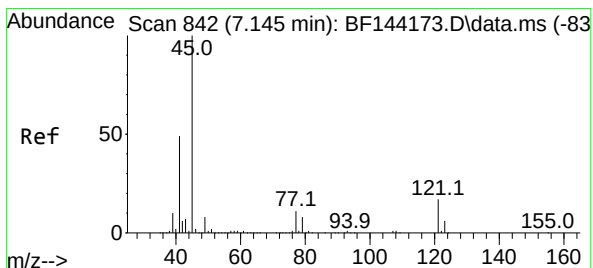
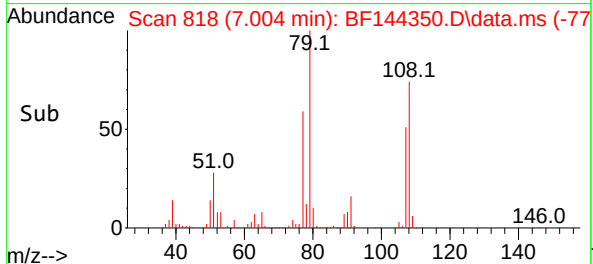
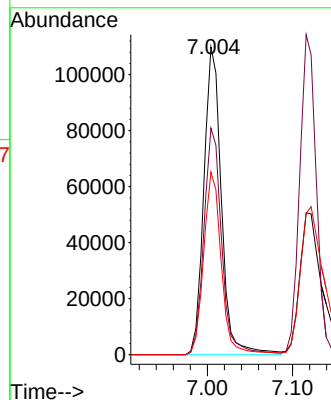
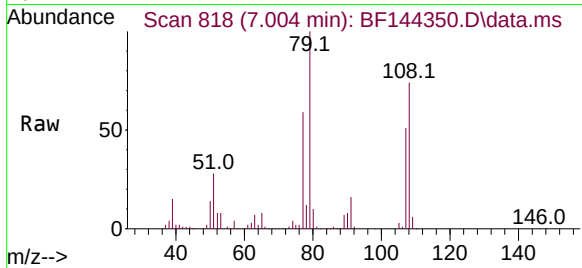
77 59.3 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025

Supervised By :mohammad ahmed 11/27/2025



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.962 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

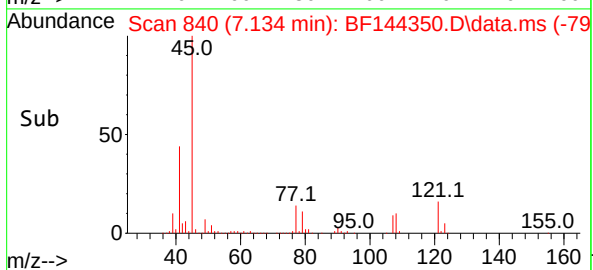
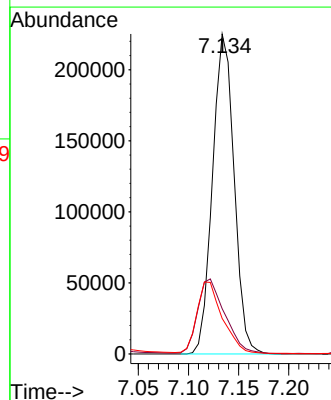
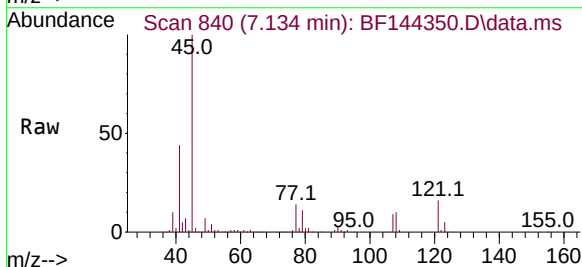
Tgt Ion: 45 Resp: 337422

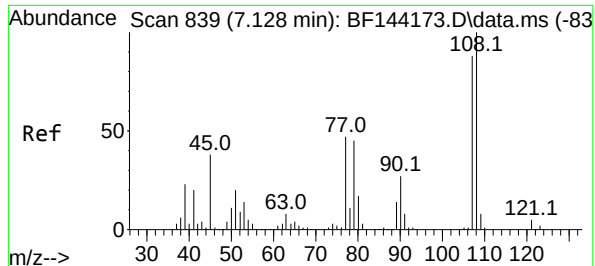
Ion Ratio Lower Upper

45 100

77 14.1 0.0 31.8

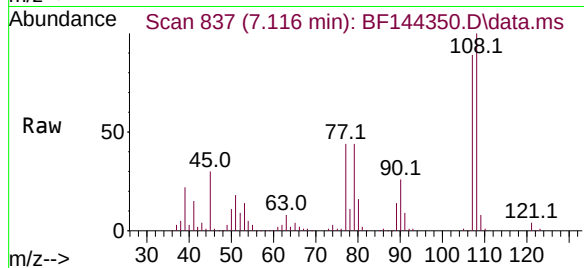
79 11.1 0.0 29.1





#17
2-Methylphenol
Concen: 44.322 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

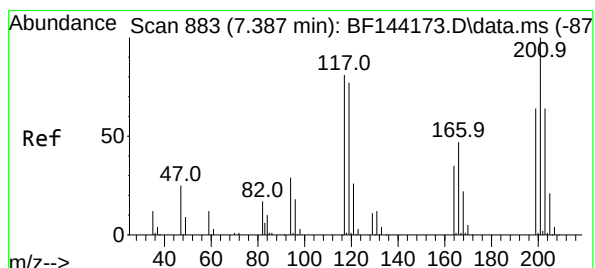
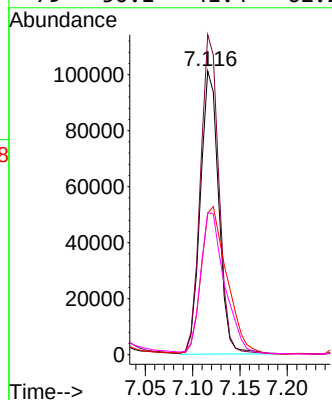
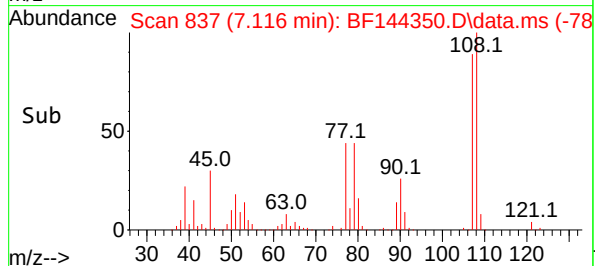
Instrument :
BNA_F
ClientSampleId :
PB170730BS



Tgt Ion:107 Resp: 136654
Ion Ratio Lower Upper
107 100
108 112.9 91.0 136.4
77 49.9 42.7 64.1
79 50.1 41.4 62.2

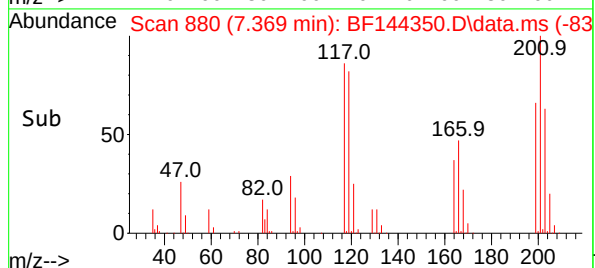
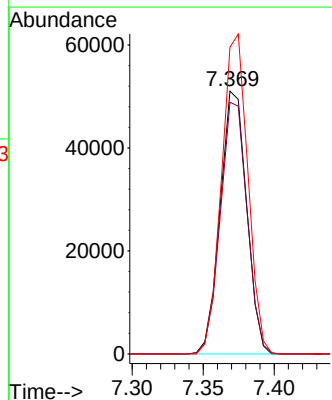
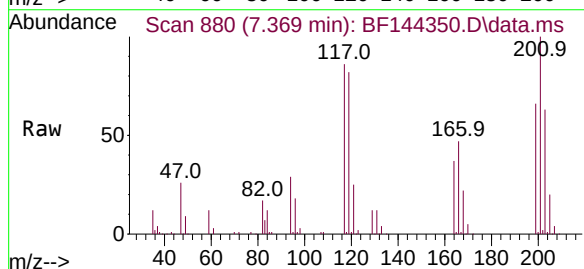
Manual Integrations
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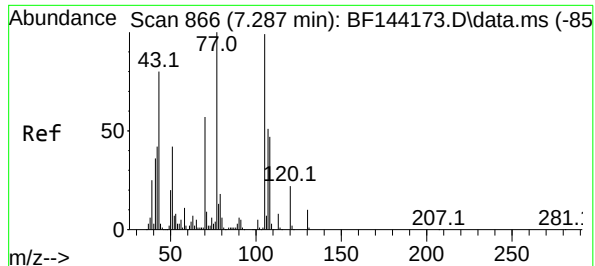
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#18
Hexachloroethane
Concen: 41.606 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Tgt Ion:117 Resp: 66228
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 116.7 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.442 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.000 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion: 70 Resp: 122162

Ion Ratio Lower Upper

70 100

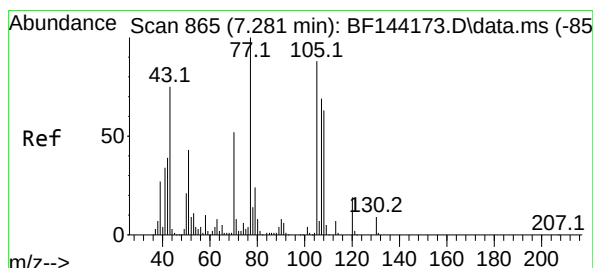
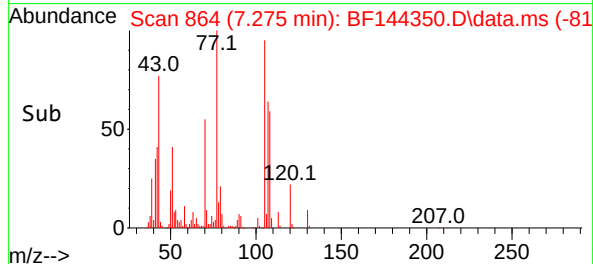
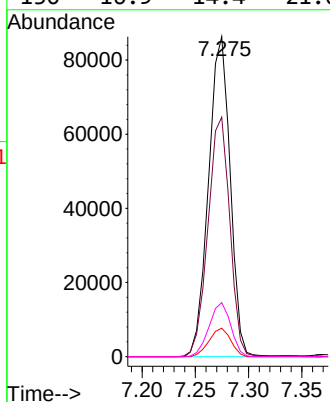
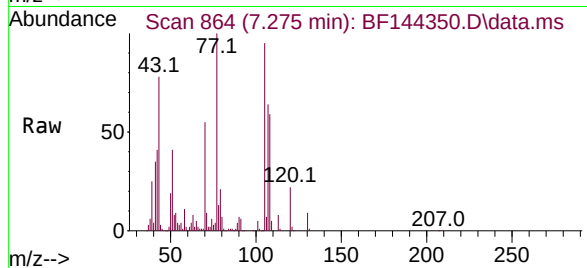
42 74.9 58.3 87.5

101 8.9 7.0 10.6

130 16.9 14.4 21.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#20

3+4-Methylphenols

Concen: 41.042 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.018 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Tgt Ion:107 Resp: 149170

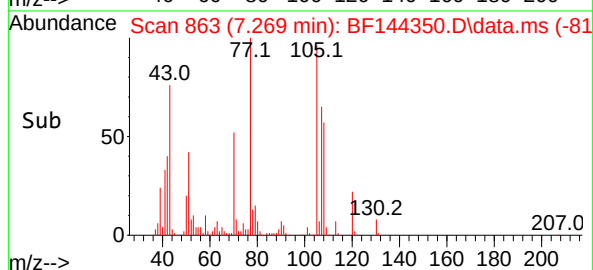
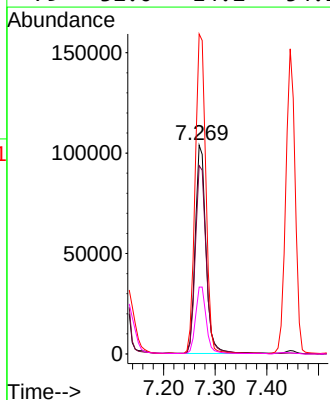
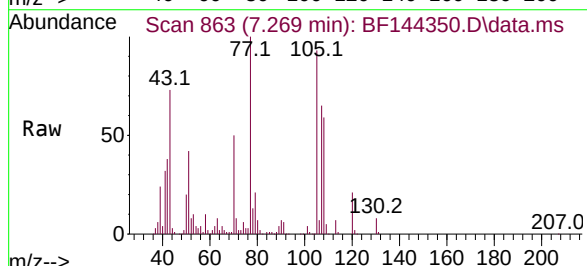
Ion Ratio Lower Upper

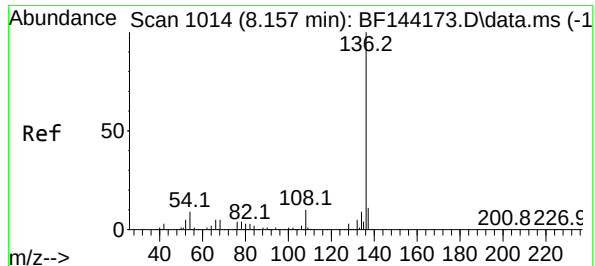
107 100

108 90.2 70.2 110.2

77 153.3 123.9 163.9

79 32.0 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:136 Resp: 232918

Ion Ratio Lower Upper

136 100

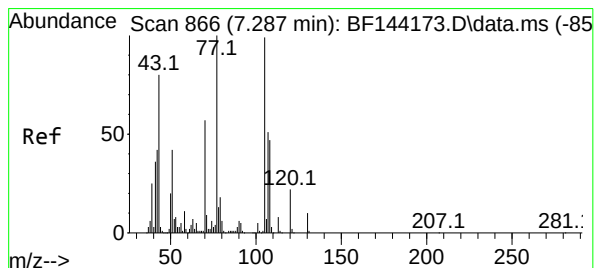
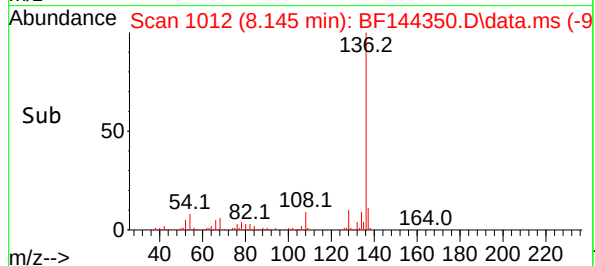
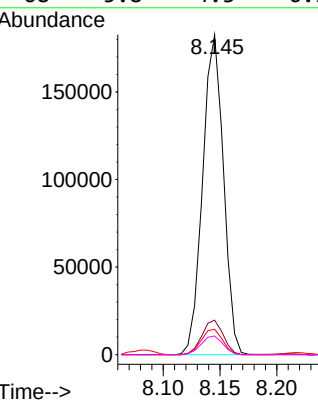
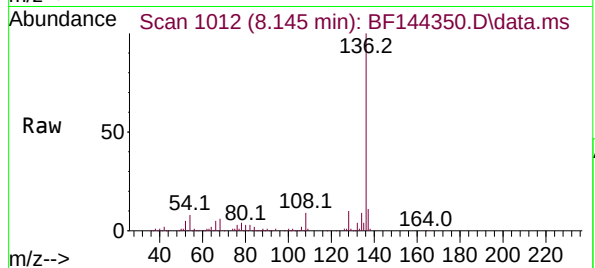
137 10.8 8.6 13.0

54 7.9 7.0 10.6

68 5.8 4.3 6.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#22

Acetophenone

Concen: 43.207 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Tgt Ion:105 Resp: 215890

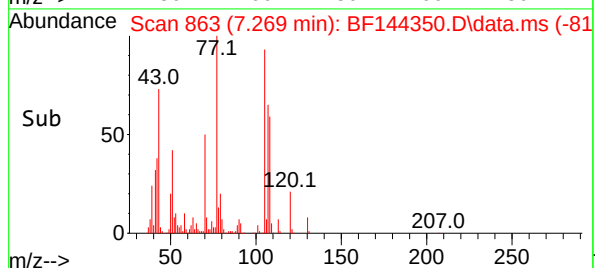
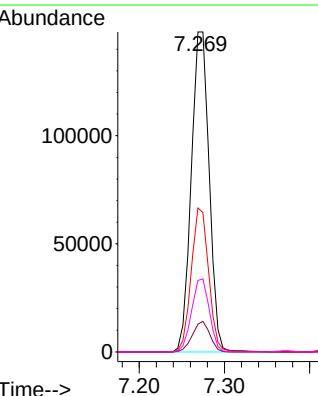
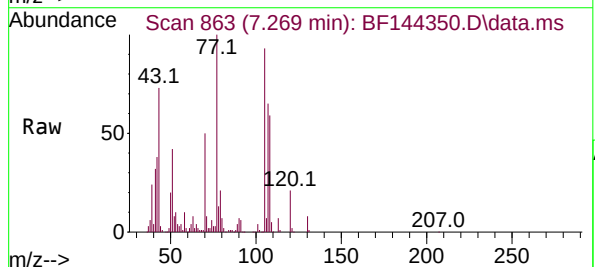
Ion Ratio Lower Upper

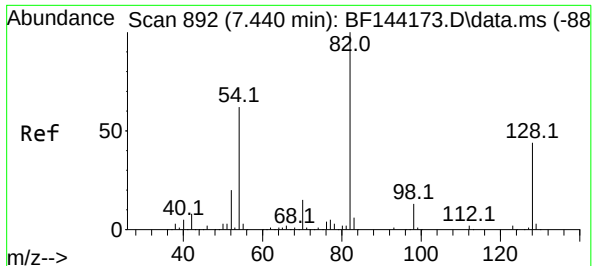
105 100

71 8.7 7.2 10.8

51 45.0 34.0 51.0

120 22.3 17.8 26.6





#23

Nitrobenzene-d5

Concen: 85.951 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion: 82 Resp: 346629

Ion Ratio Lower Upper

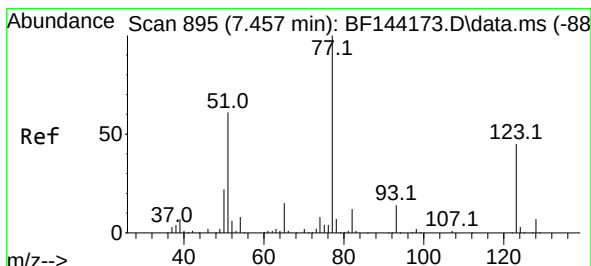
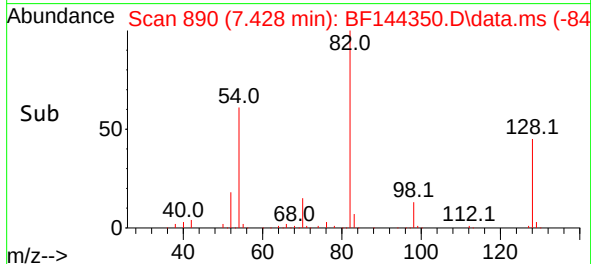
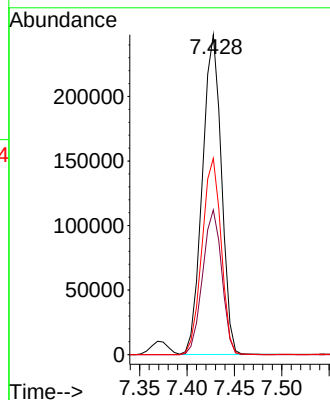
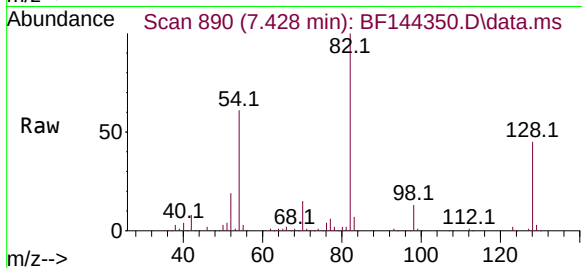
82 100

128 45.2 34.7 52.1

54 61.3 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#24

Nitrobenzene

Concen: 43.283 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

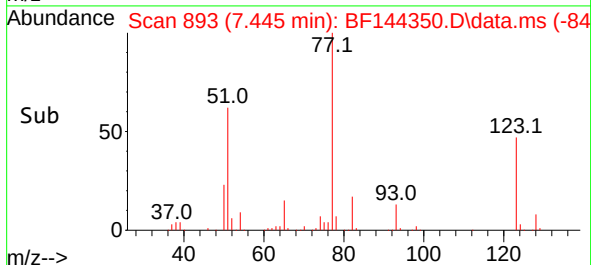
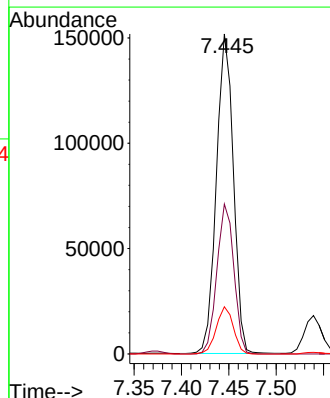
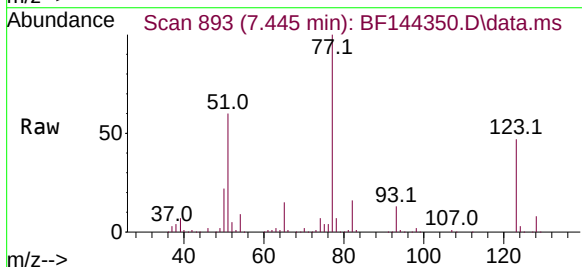
Tgt Ion: 77 Resp: 189523

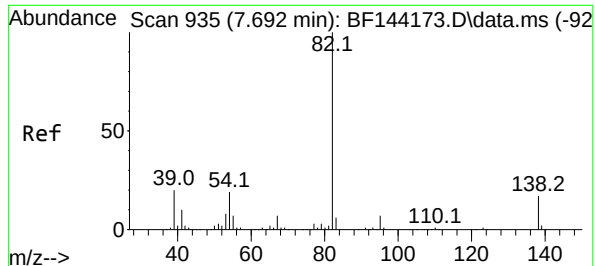
Ion Ratio Lower Upper

77 100

123 46.9 35.8 53.8

65 14.7 12.2 18.2





#25

Isophorone

Concen: 44.499 ng

RT: 7.686 min Scan# 934

Delta R.T. -0.000 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion: 82 Resp: 33945

Ion Ratio Lower Upper

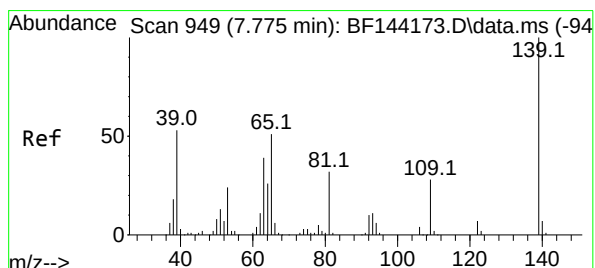
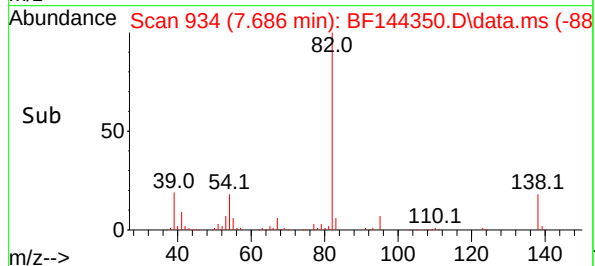
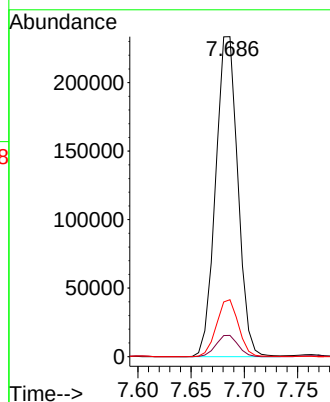
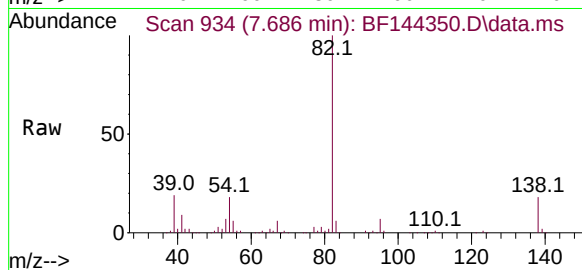
82 100

95 6.6 5.5 8.3

138 17.8 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#26

2-Nitrophenol

Concen: 45.752 ng

RT: 7.763 min Scan# 947

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

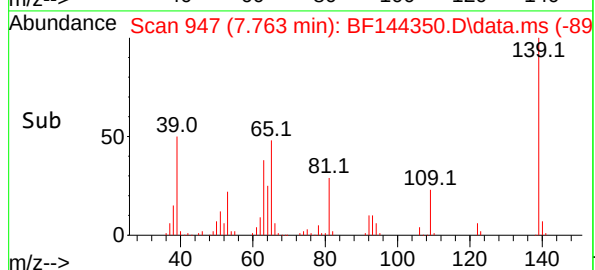
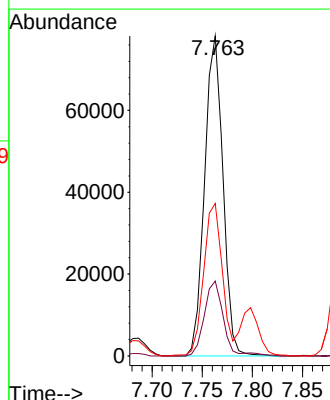
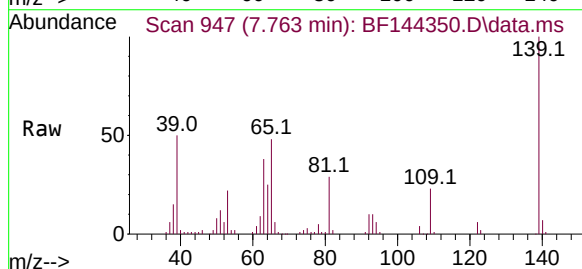
Tgt Ion:139 Resp: 99171

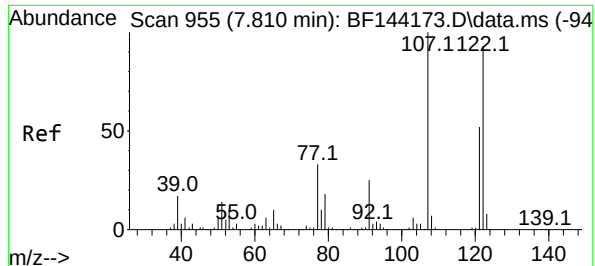
Ion Ratio Lower Upper

139 100

109 23.4 22.2 33.2

65 47.6 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 48.665 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:122 Resp: 158102

Ion Ratio Lower Upper

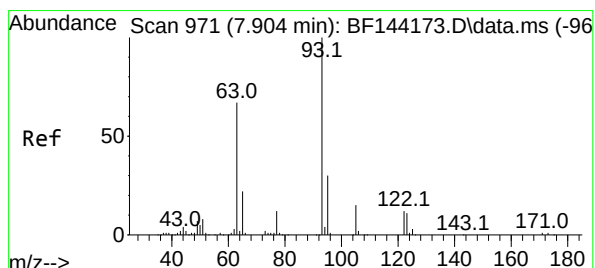
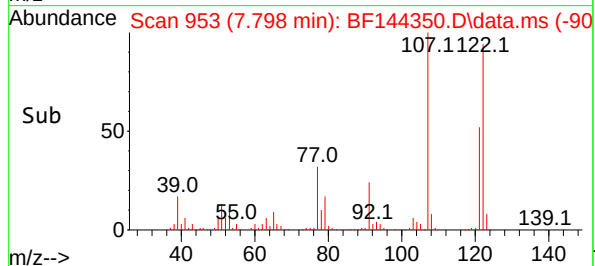
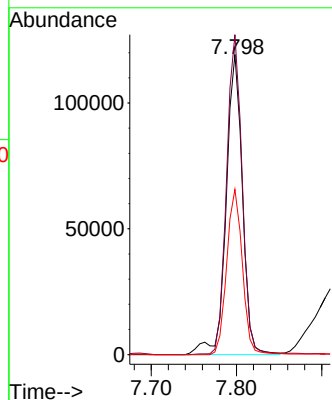
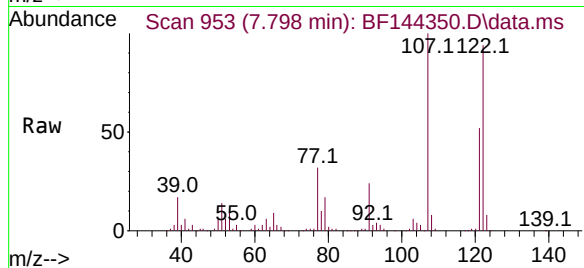
122 100

107 106.6 86.2 129.4

121 55.0 44.6 66.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#28

bis(2-Chloroethoxy)methane

Concen: 44.543 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

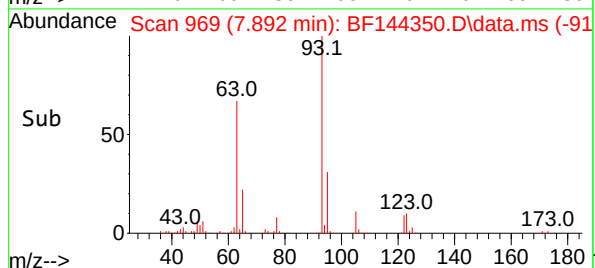
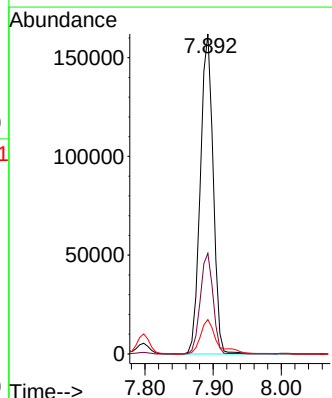
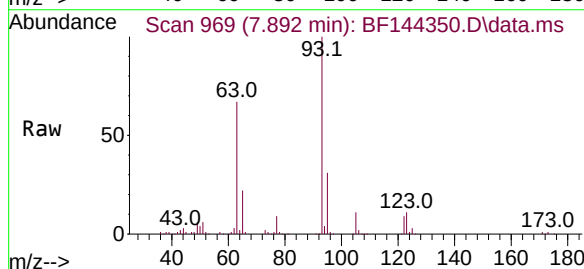
Tgt Ion: 93 Resp: 212182

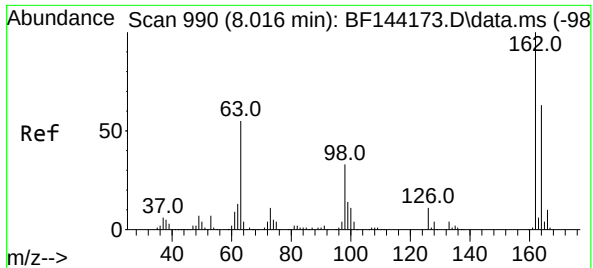
Ion Ratio Lower Upper

93 100

95 31.4 24.2 36.4

123 10.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 41.783 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:162 Resp: 156456

Ion Ratio Lower Upper

162 100

164 63.2 42.9 82.9

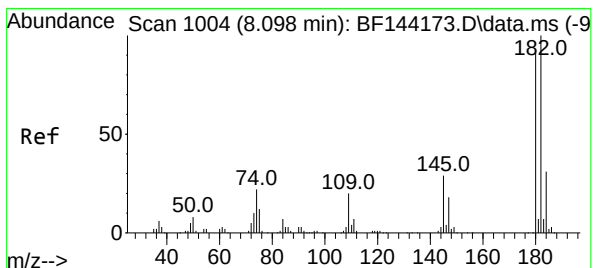
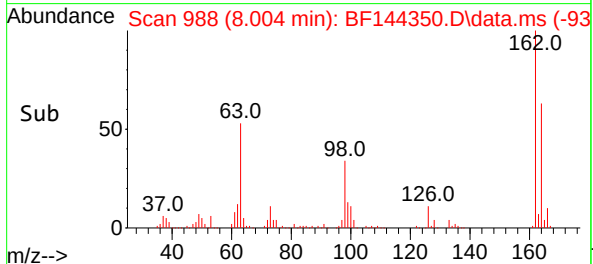
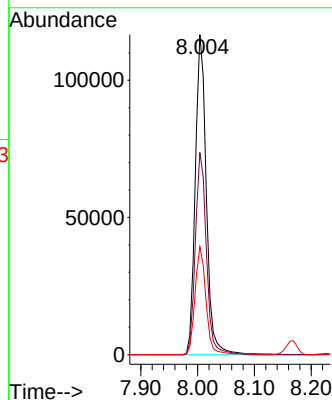
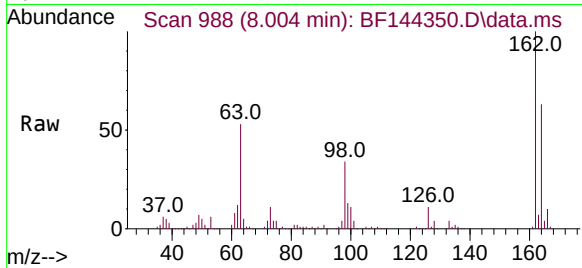
98 33.7 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025

Supervised By :mohammad ahmed 11/27/2025



#30

1,2,4-Trichlorobenzene

Concen: 43.223 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

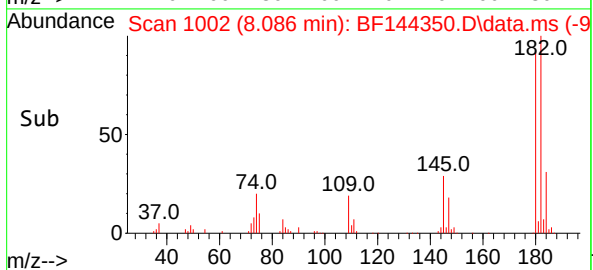
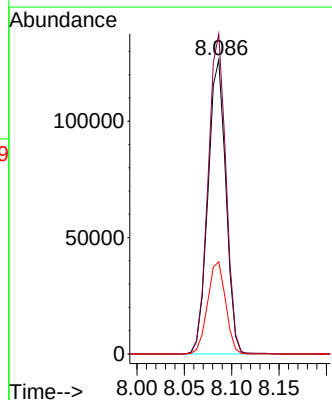
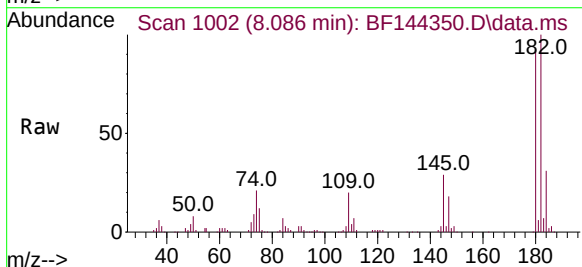
Tgt Ion:180 Resp: 166193

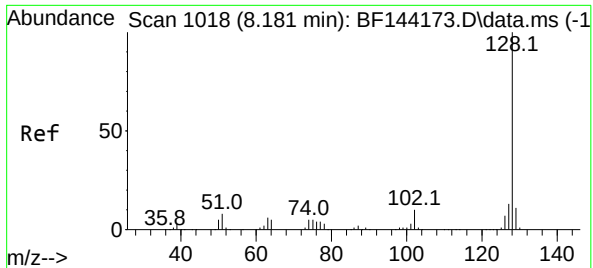
Ion Ratio Lower Upper

180 100

182 108.9 87.7 131.5

145 31.3 25.4 38.0





#31

Naphthalene

Concen: 43.008 ng

RT: 8.169 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:128 Resp: 476514

Ion Ratio Lower Upper

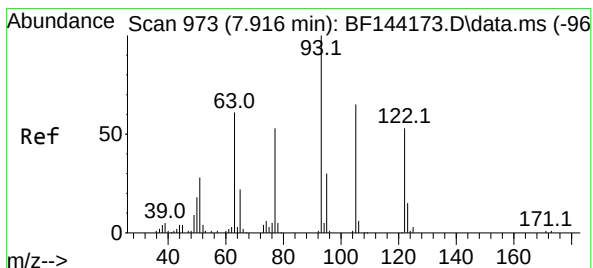
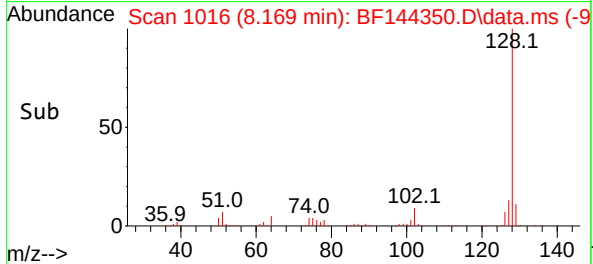
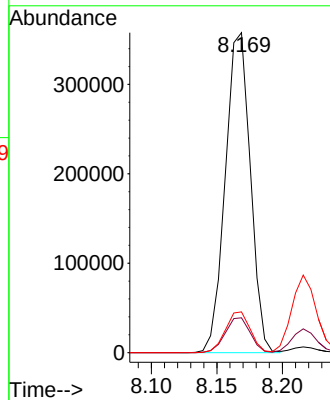
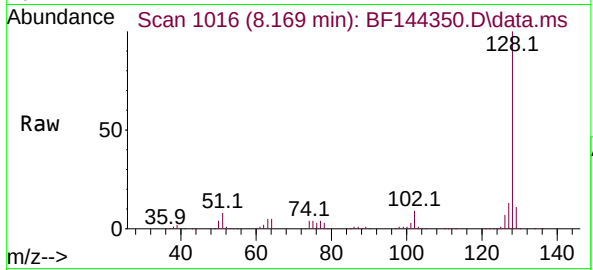
128 100

129 10.9 8.9 13.3

127 12.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#32

Benzoic acid

Concen: 40.472 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.024 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

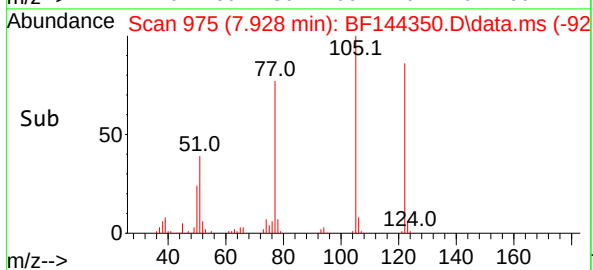
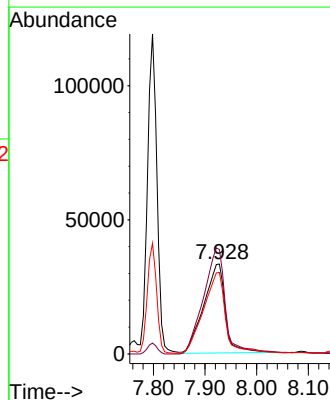
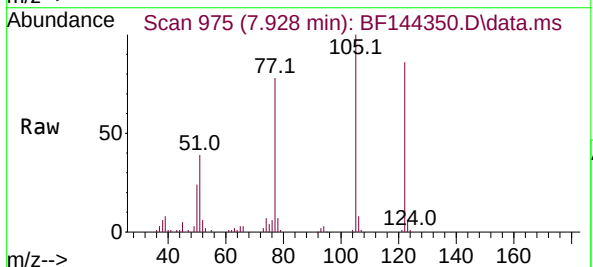
Tgt Ion:122 Resp: 96380

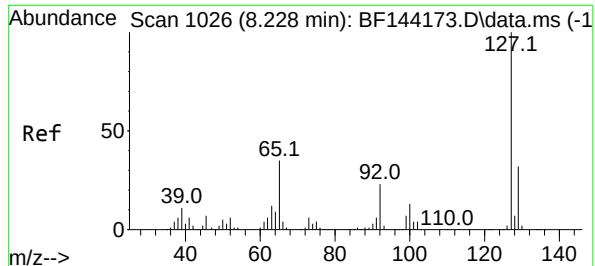
Ion Ratio Lower Upper

122 100

105 116.2 99.9 139.9

77 90.5 77.5 117.5





#33

4-Chloroaniline

Concen: 28.836 ng

RT: 8.216 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:127 Resp: 116523

Ion Ratio Lower Upper

127 100

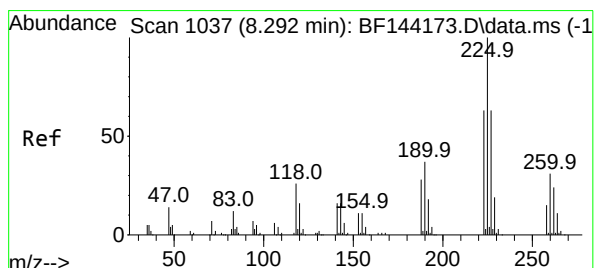
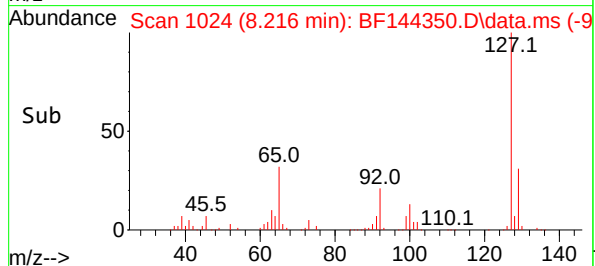
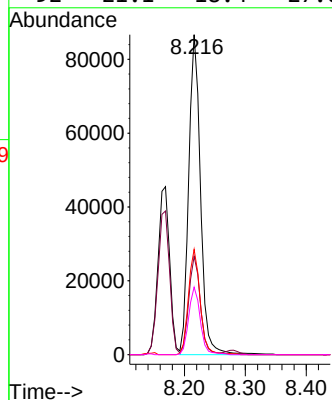
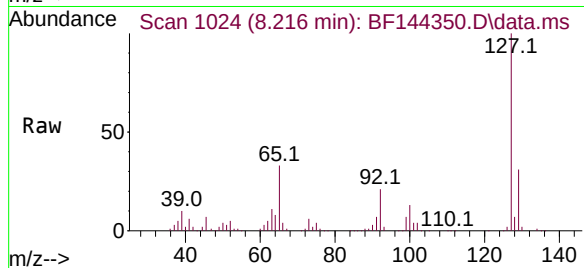
129 30.7 25.3 37.9

65 32.9 27.6 41.4

92 21.1 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#34

Hexachlorobutadiene

Concen: 40.055 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

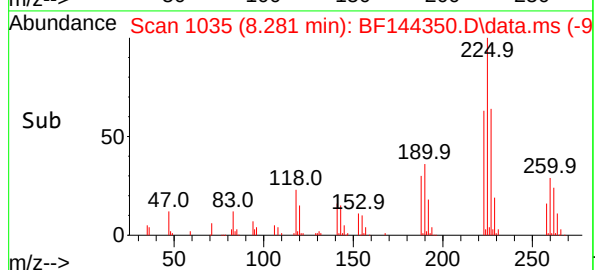
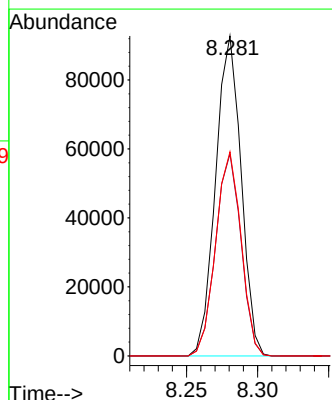
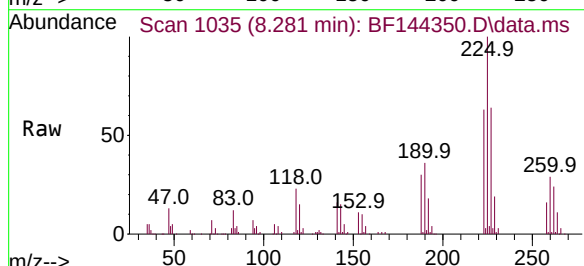
Tgt Ion:225 Resp: 116070

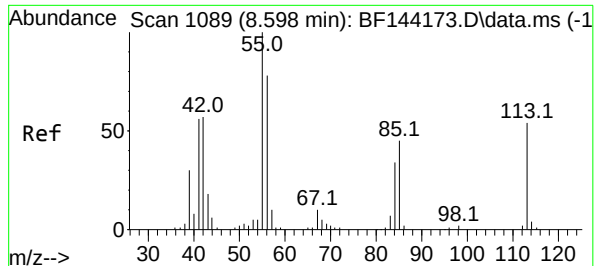
Ion Ratio Lower Upper

225 100

223 63.1 50.2 75.4

227 63.8 50.1 75.1





#35

Caprolactam

Concen: 45.742 ng m

RT: 8.586 min Scan# 1089

Delta R.T. -0.035 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:113 Resp: 46925

Ion Ratio Lower Upper

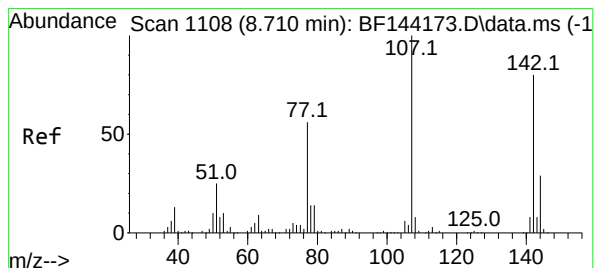
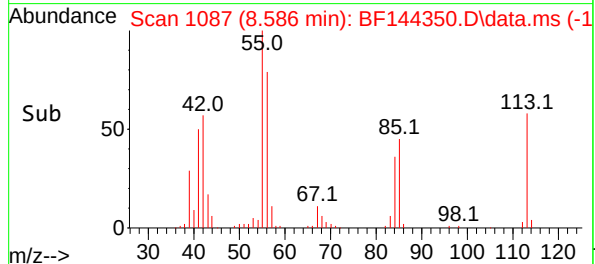
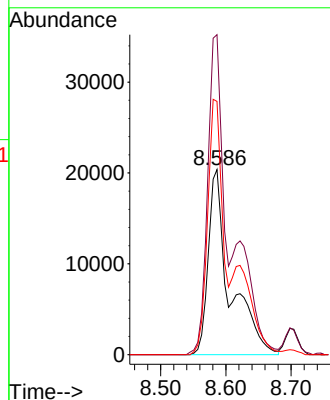
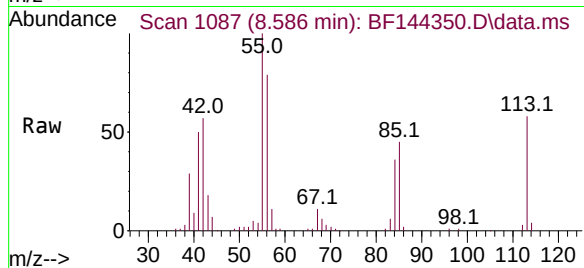
113 100

55 172.9 166.8 206.8

56 136.9 125.9 165.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#36

4-Chloro-3-methylphenol

Concen: 40.931 ng

RT: 8.698 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

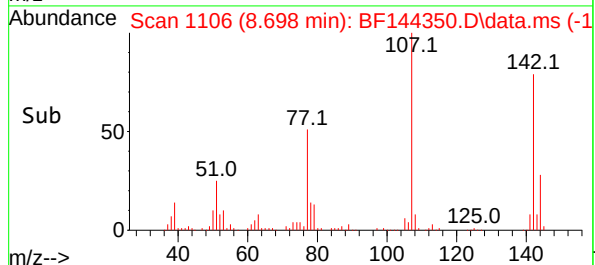
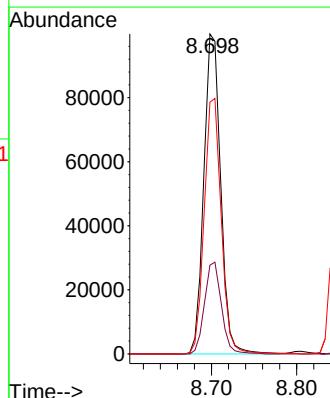
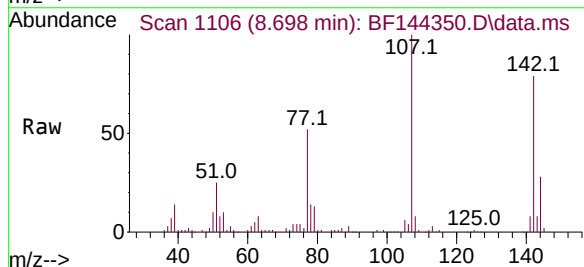
Tgt Ion:107 Resp: 137357

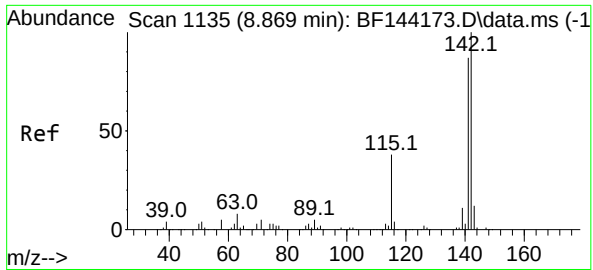
Ion Ratio Lower Upper

107 100

144 27.8 23.3 34.9

142 78.7 63.8 95.6





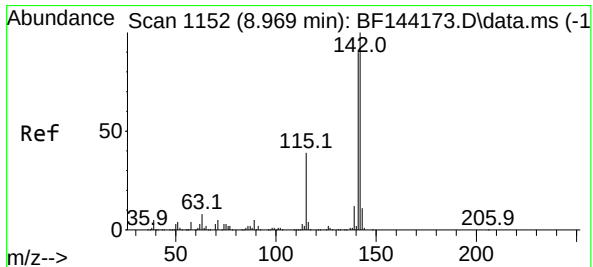
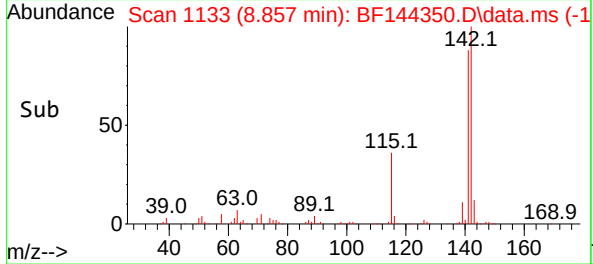
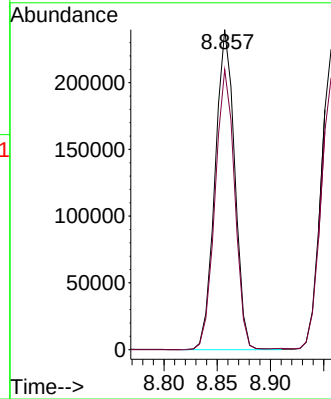
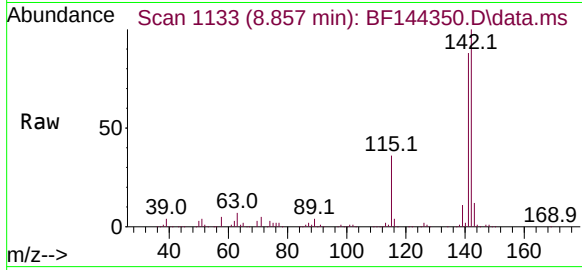
#37
2-Methylnaphthalene
Concen: 41.504 ng
RT: 8.857 min Scan# 1135
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170730BS

Tgt Ion:142 Resp: 307456
Ion Ratio Lower Upper
142 100
141 87.5 69.9 104.9

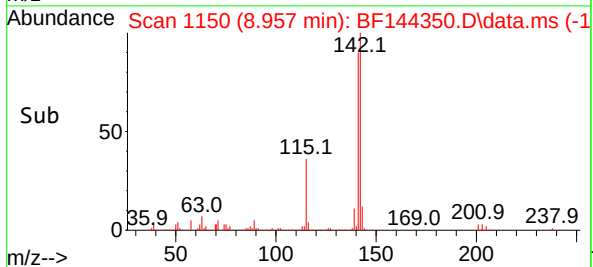
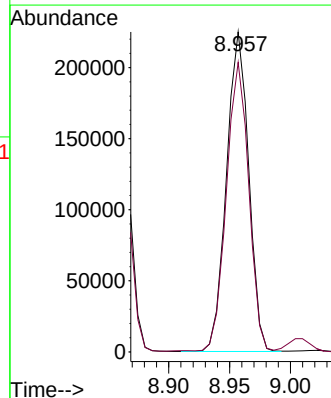
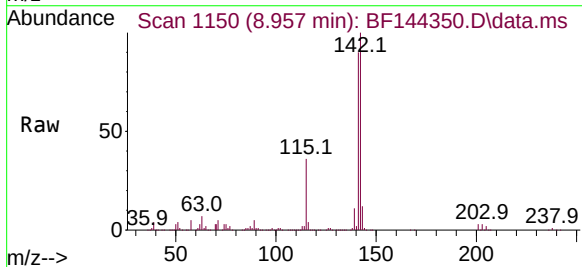
Manual Integrations
APPROVED

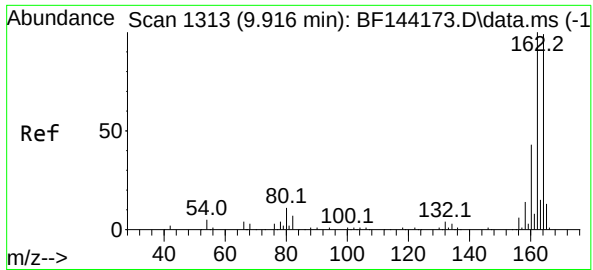
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#38
1-Methylnaphthalene
Concen: 39.930 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Tgt Ion:142 Resp: 285406
Ion Ratio Lower Upper
142 100
141 90.5 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144350.D

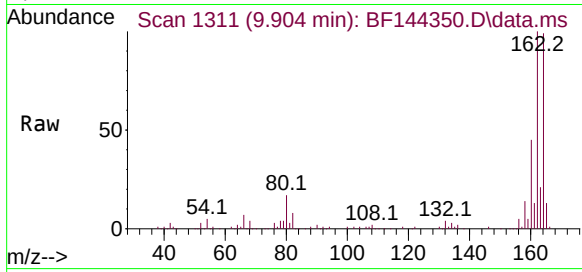
Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS



Tgt Ion:164 Resp: 113683

Ion Ratio Lower Upper

164 100

162 100.7 81.1 121.7

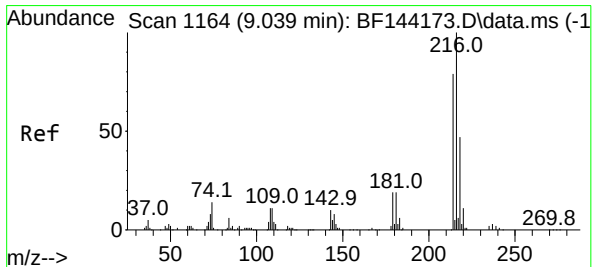
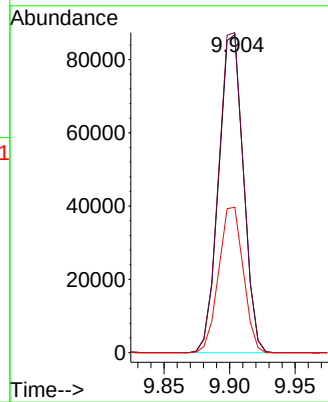
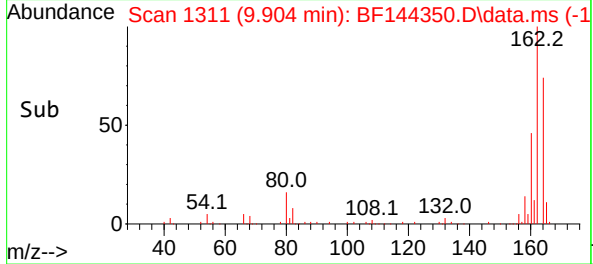
160 45.7 34.5 51.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025

Supervised By :mohammad ahmed 11/27/2025



#40

1,2,4,5-Tetrachlorobenzene

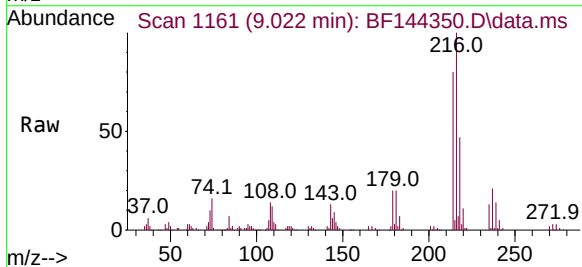
Concen: 45.968 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54



Tgt Ion:216 Resp: 171267

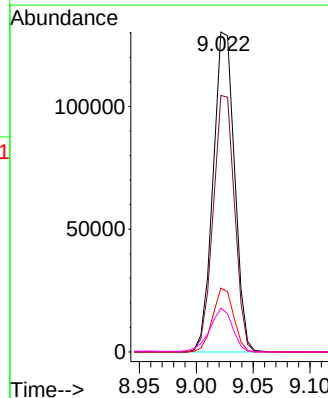
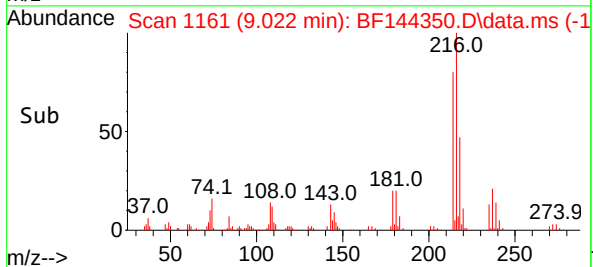
Ion Ratio Lower Upper

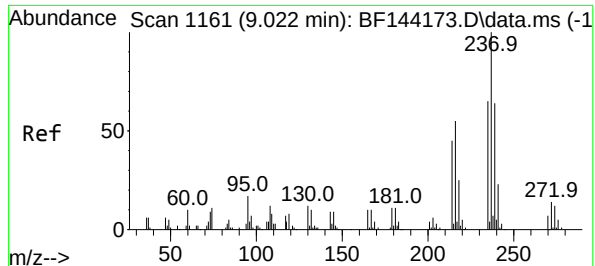
216 100

214 79.9 63.4 95.2

179 19.3 15.0 22.4

108 14.6 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 83.912 ng

RT: 9.010 min Scan# 1161

Delta R.T. -0.018 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:237 Resp: 124503

Ion Ratio Lower Upper

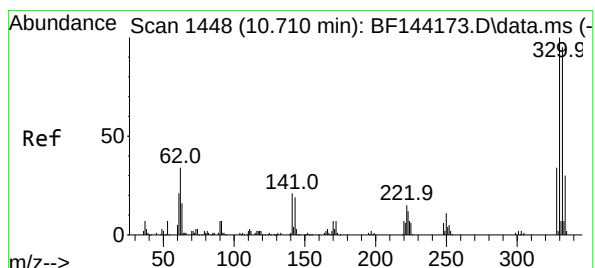
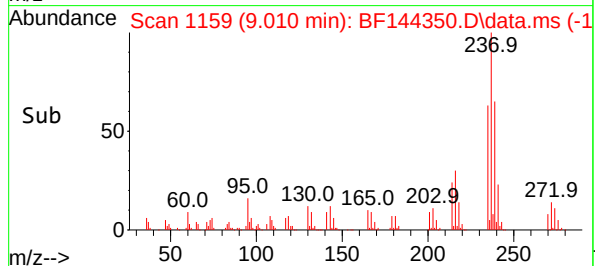
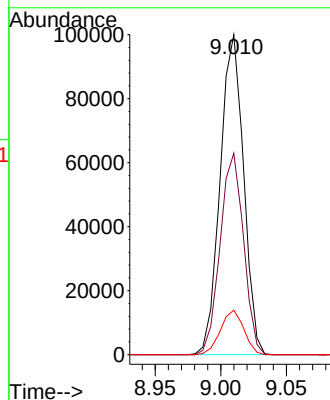
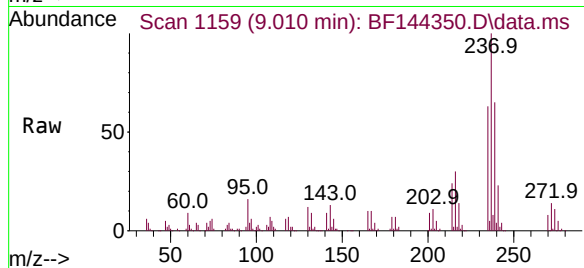
237 100

235 62.9 45.5 85.5

272 13.9 0.0 33.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#42

2,4,6-Tribromophenol

Concen: 81.182 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

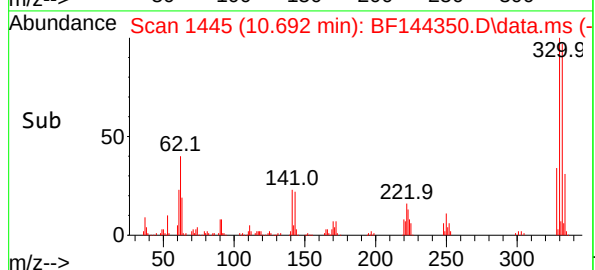
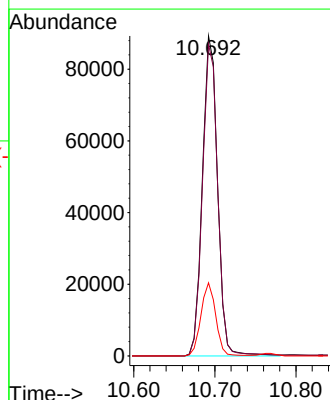
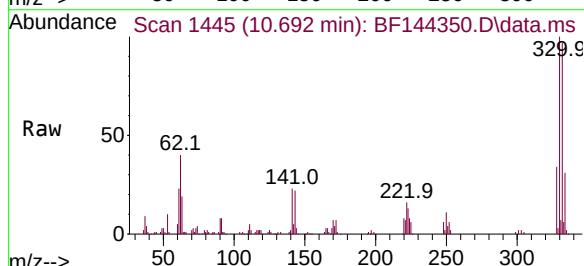
Tgt Ion:330 Resp: 115813

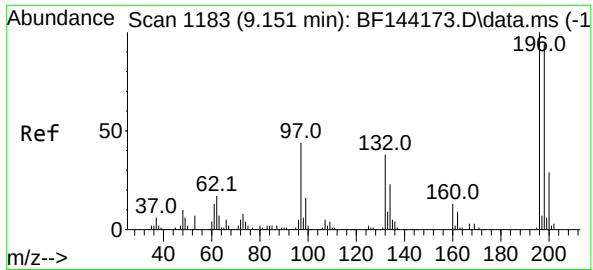
Ion Ratio Lower Upper

330 100

332 98.7 76.7 115.1

141 22.3 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 45.133 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:196 Resp: 114449

Ion Ratio Lower Upper

196 100

198 93.8 75.3 112.9

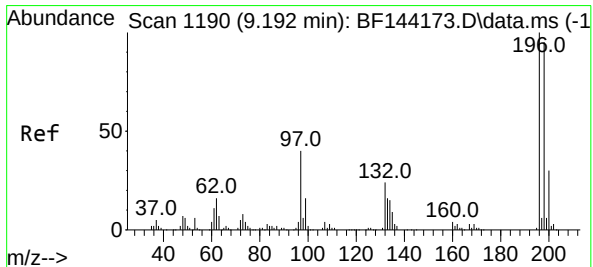
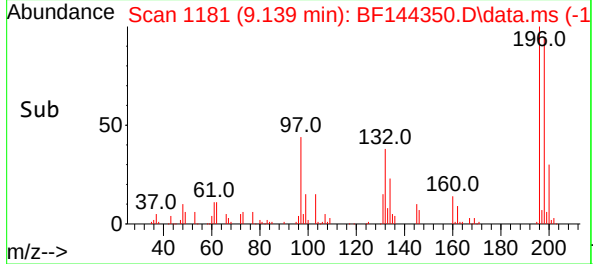
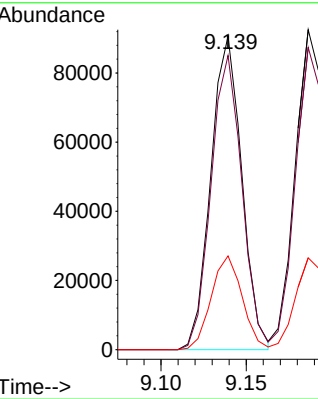
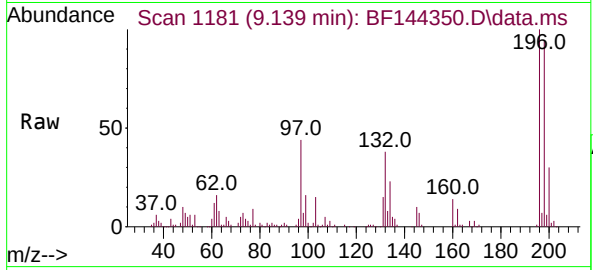
200 29.9 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025

Supervised By :mohammad ahmed 11/27/2025



#44

2,4,5-Trichlorophenol

Concen: 43.451 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Tgt Ion:196 Resp: 118753

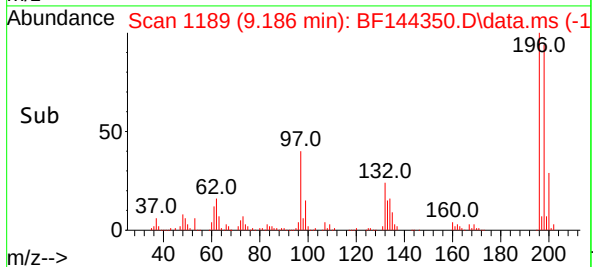
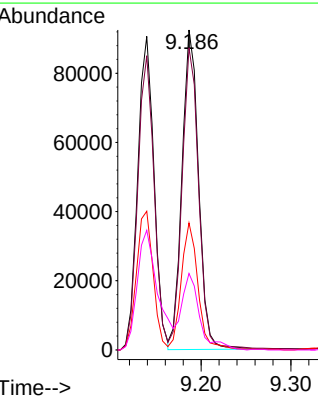
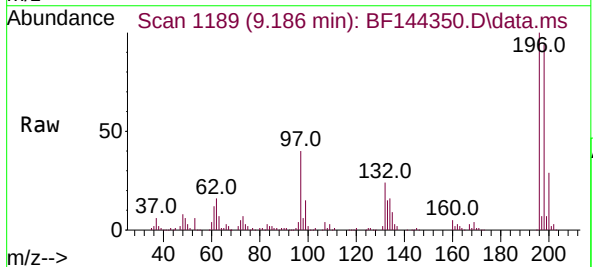
Ion Ratio Lower Upper

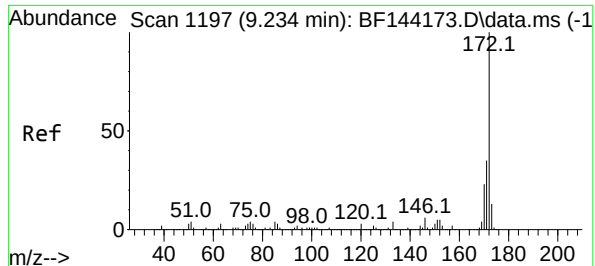
196 100

198 94.4 76.1 114.1

97 39.7 31.9 47.9

132 23.9 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 90.338 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:172 Resp: 69535

Ion Ratio Lower Upper

172 100

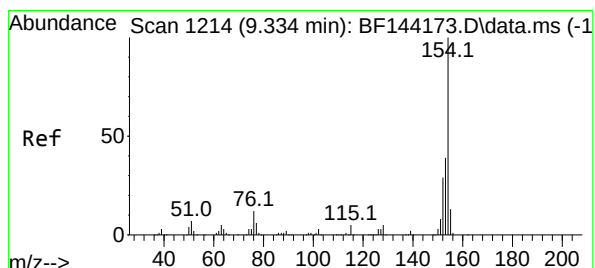
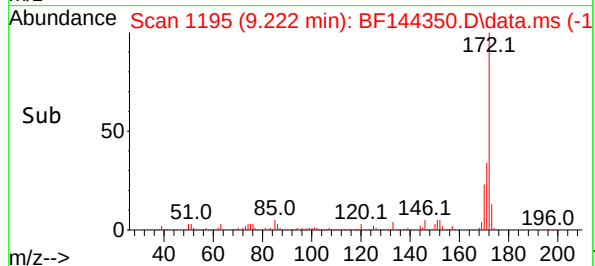
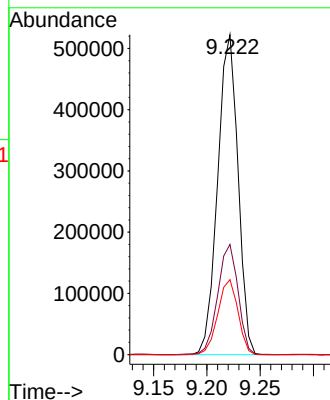
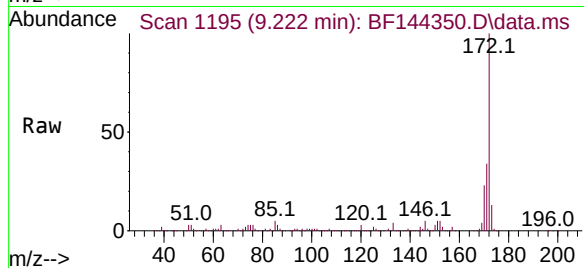
171 34.4 28.1 42.1

170 23.4 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025



#46

1,1'-Biphenyl

Concen: 47.555 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

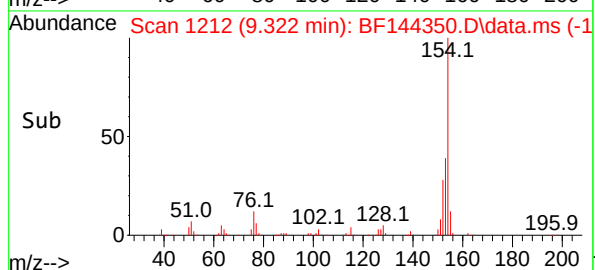
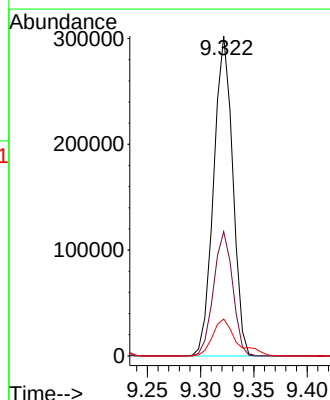
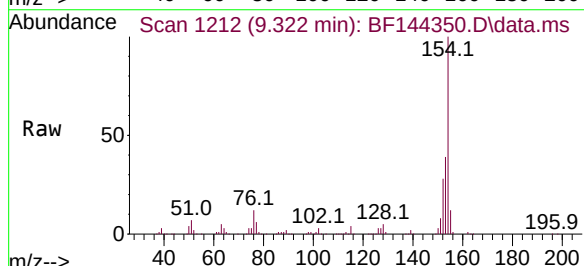
Tgt Ion:154 Resp: 377368

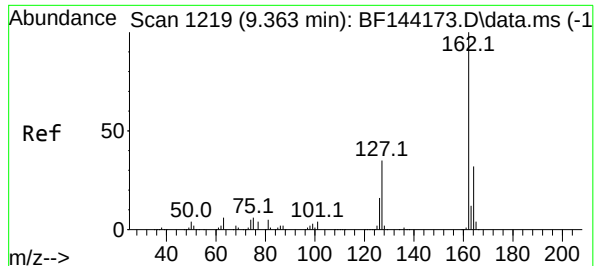
Ion Ratio Lower Upper

154 100

153 38.8 19.2 59.2

76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 47.042 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:162 Resp: 31842

Ion Ratio Lower Upper

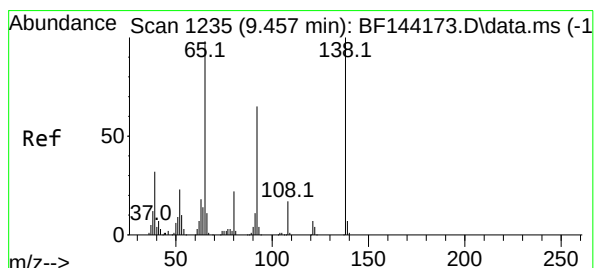
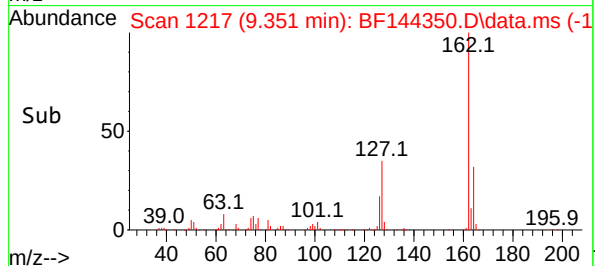
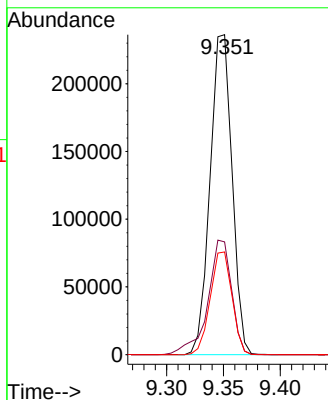
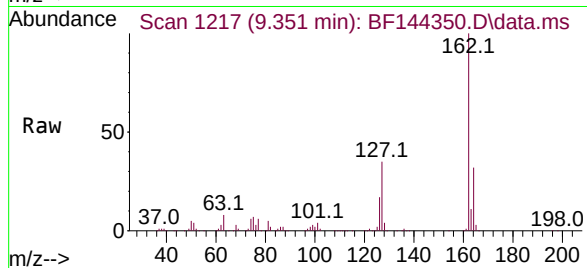
162 100

127 35.2 28.8 43.2

164 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#48

2-Nitroaniline

Concen: 46.341 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

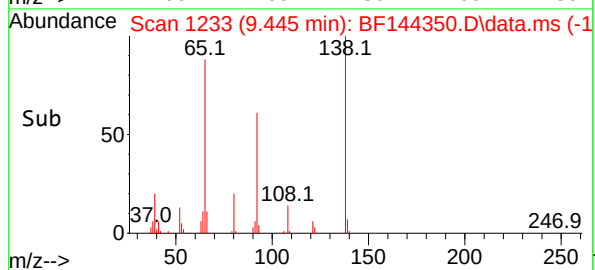
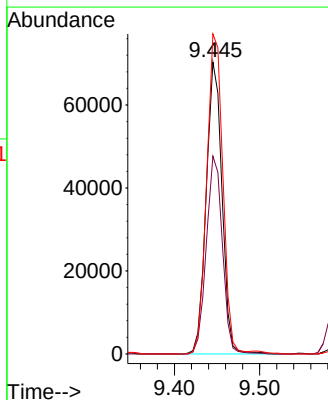
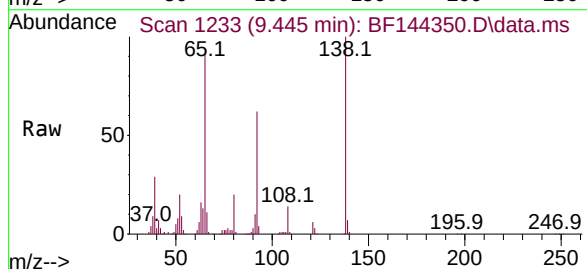
Tgt Ion: 65 Resp: 90508

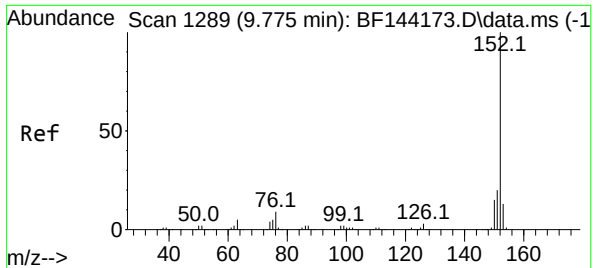
Ion Ratio Lower Upper

65 100

92 67.8 53.0 79.6

138 109.7 81.6 122.4





#49

Acenaphthylene

Concen: 48.698 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:152 Resp: 449208

Ion Ratio Lower Upper

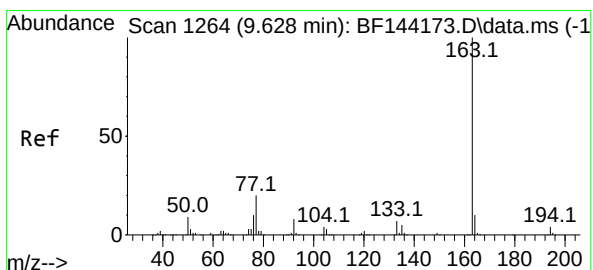
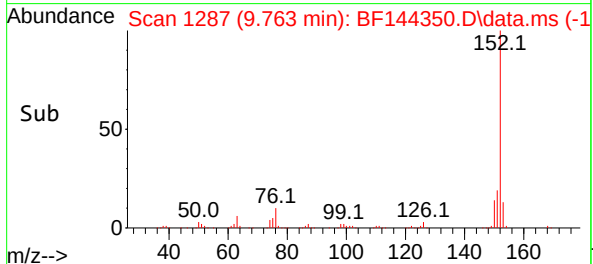
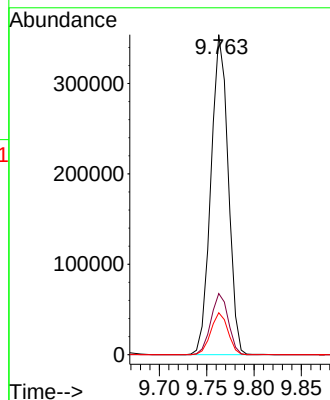
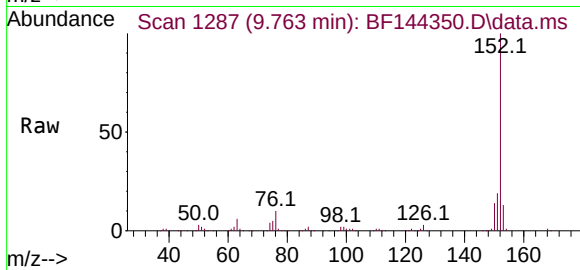
152 100

151 19.1 15.9 23.9

153 13.1 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#50

Dimethylphthalate

Concen: 46.007 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

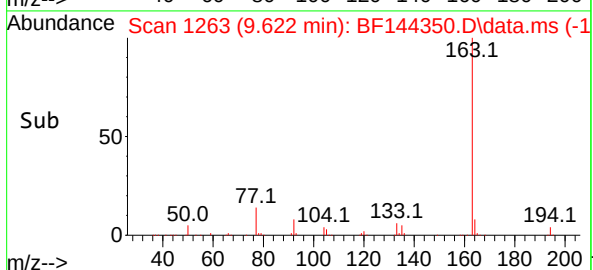
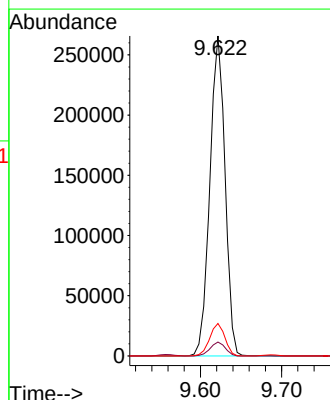
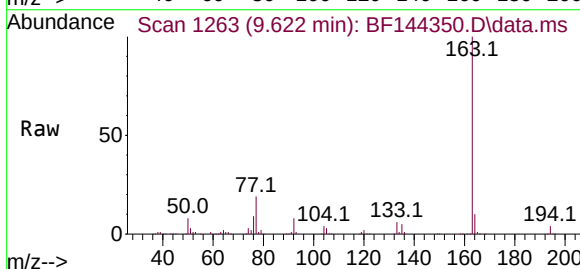
Tgt Ion:163 Resp: 346493

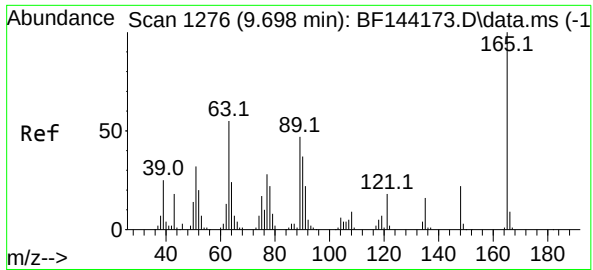
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.1 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 49.636 ng
RT: 9.686 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

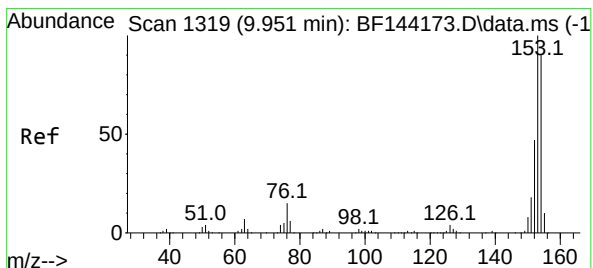
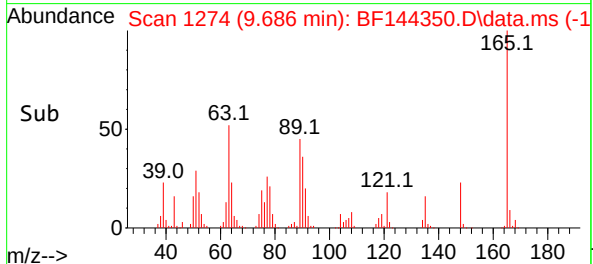
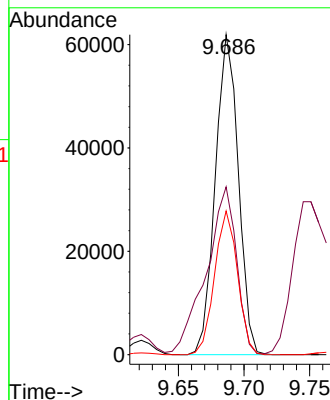
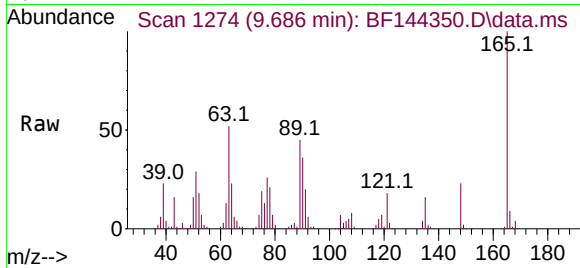
PB170730BS

Tgt Ion:165 Resp: 75673
Ion Ratio Lower Upper
165 100
63 52.4 43.8 65.8
89 44.9 37.5 56.3

Manual Integrations

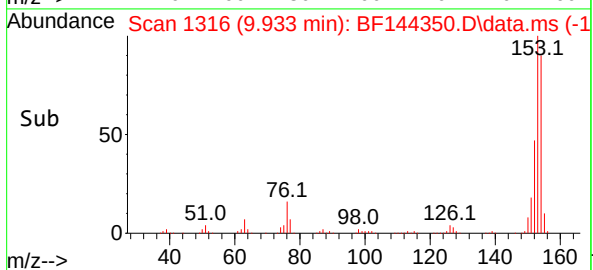
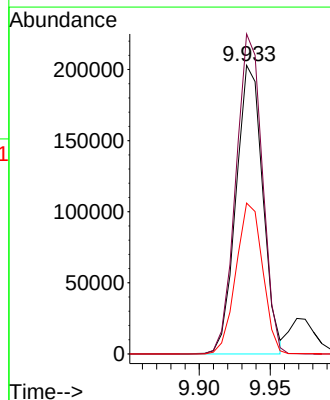
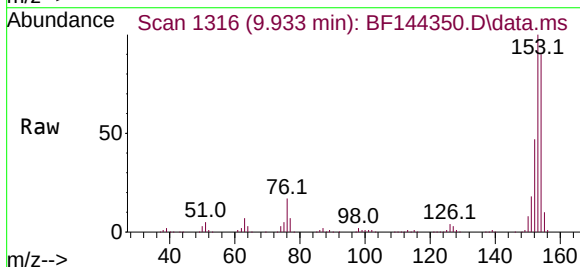
APPROVED

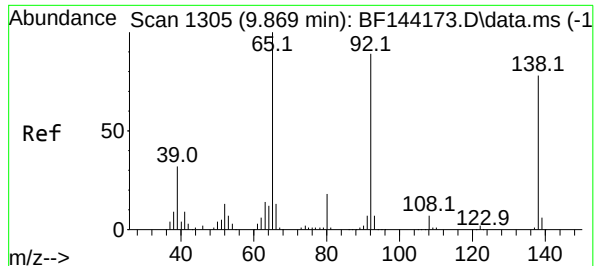
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#52
Acenaphthene
Concen: 42.995 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Tgt Ion:154 Resp: 265215
Ion Ratio Lower Upper
154 100
153 110.9 89.0 133.4
152 52.3 42.2 63.4





#53

3-Nitroaniline

Concen: 35.659 ng

RT: 9.857 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:138 Resp: 59429

Ion Ratio Lower Upper

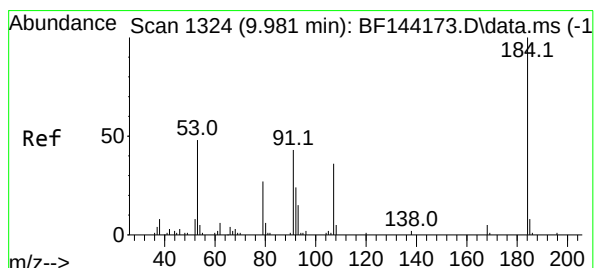
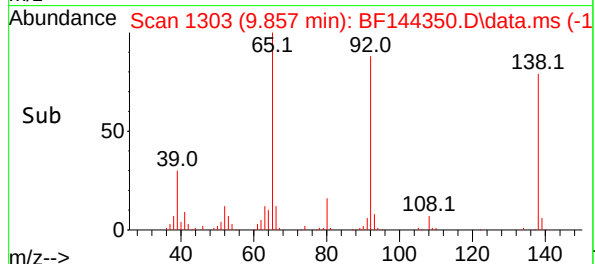
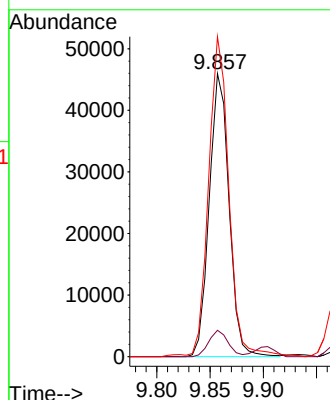
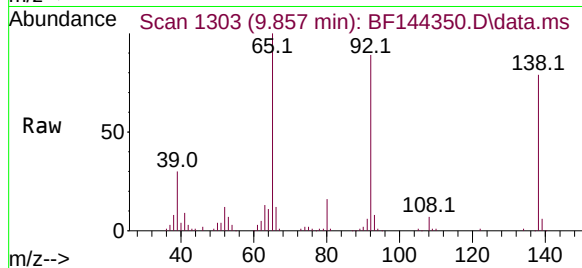
138 100

108 9.3 7.5 11.3

92 113.1 91.8 137.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#54

2,4-Dinitrophenol

Concen: 90.326 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

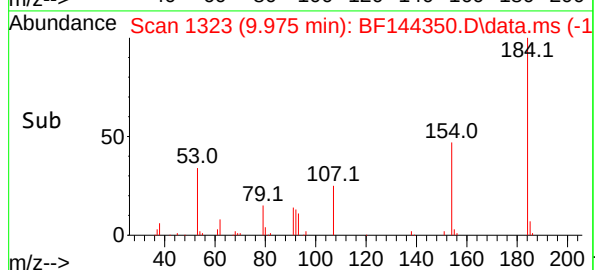
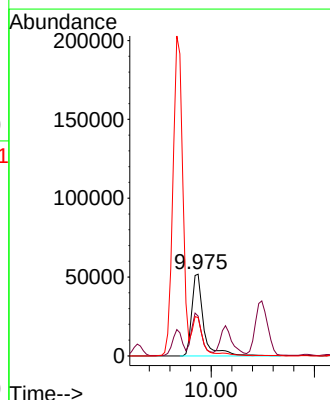
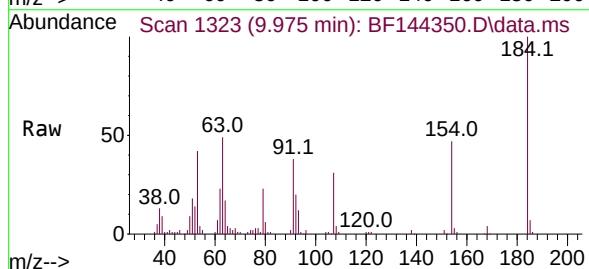
Tgt Ion:184 Resp: 83156

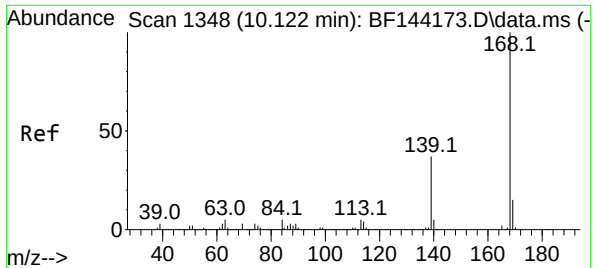
Ion Ratio Lower Upper

184 100

63 48.7 44.0 66.0

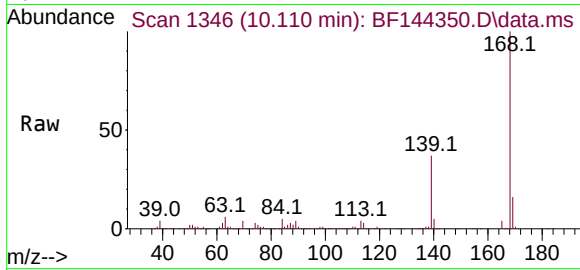
154 47.0 42.4 63.6





#55
Dibenzenofuran
Concen: 45.303 ng
RT: 10.110 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

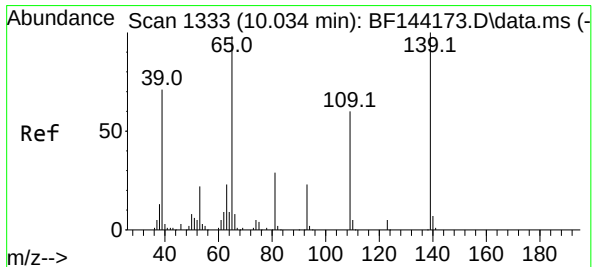
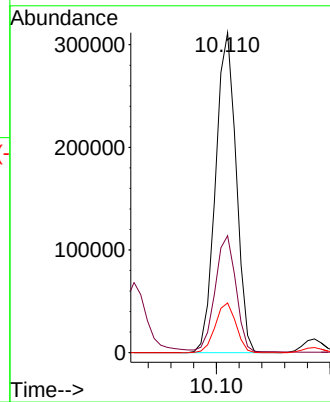
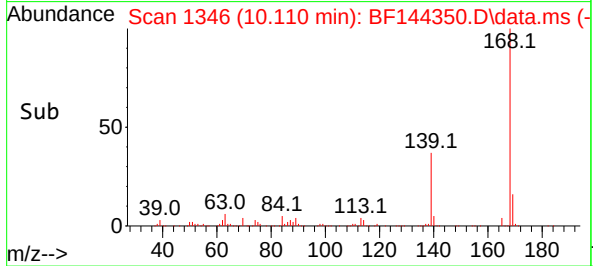
Instrument :
BNA_F
ClientSampleId :
PB170730BS



Tgt Ion:168 Resp: 391375
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.2
169 15.5 12.2 18.4

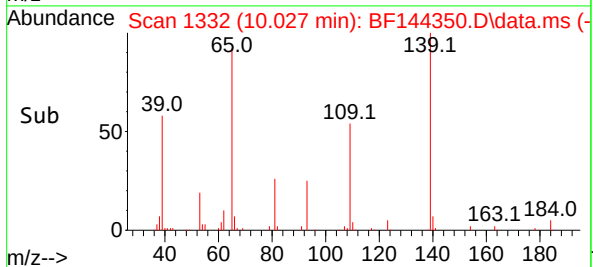
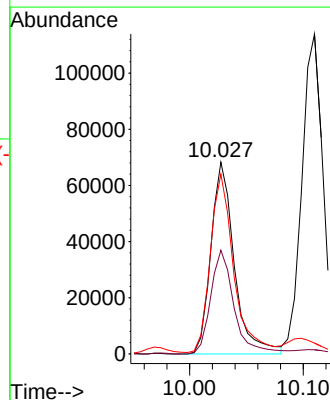
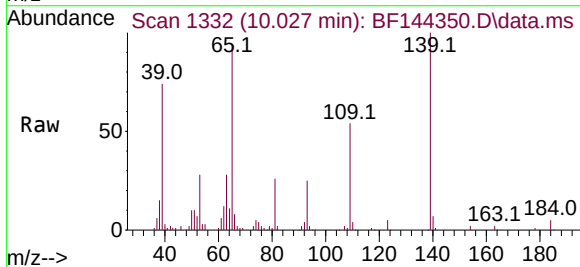
Manual Integrations
APPROVED

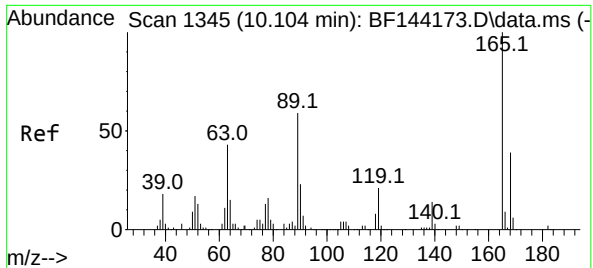
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#56
4-Nitrophenol
Concen: 80.991 ng
RT: 10.027 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

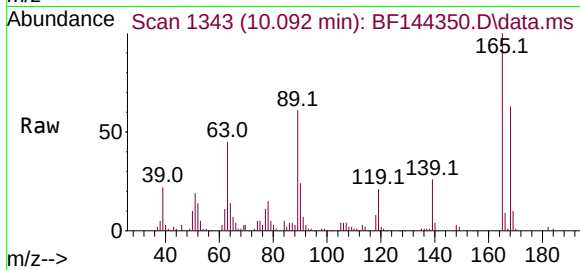
Tgt Ion:139 Resp: 97639
Ion Ratio Lower Upper
139 100
109 54.1 39.9 79.9
65 93.7 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 46.206 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

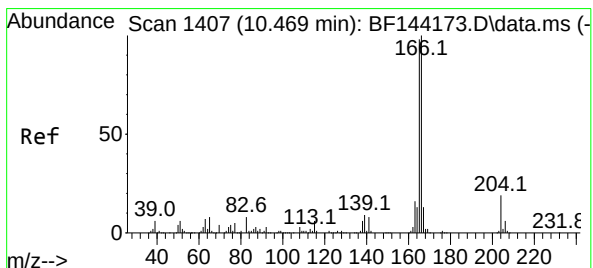
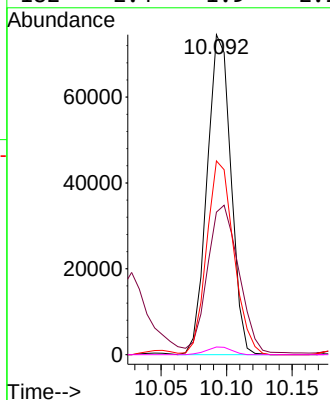
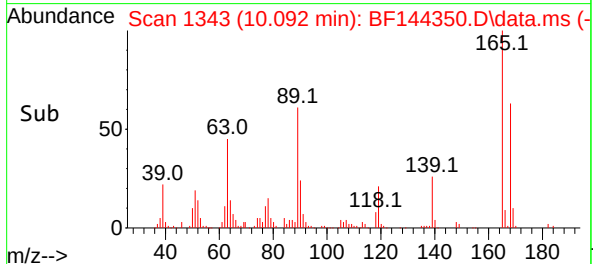
Instrument :
BNA_F
ClientSampleId :
PB170730BS



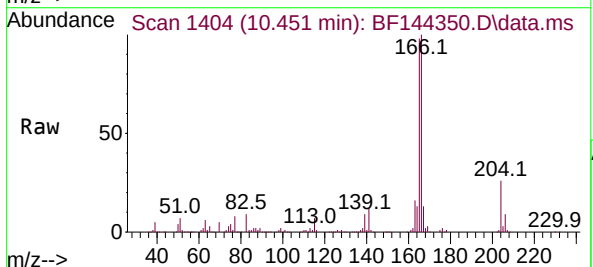
Tgt Ion:165 Resp: 94303
Ion Ratio Lower Upper
165 100
63 44.5 35.5 53.3
89 60.5 47.4 71.2
182 2.4 1.9 2.9

Manual Integrations
APPROVED

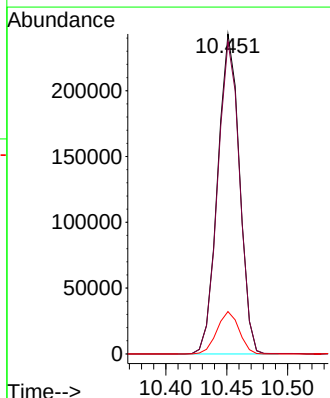
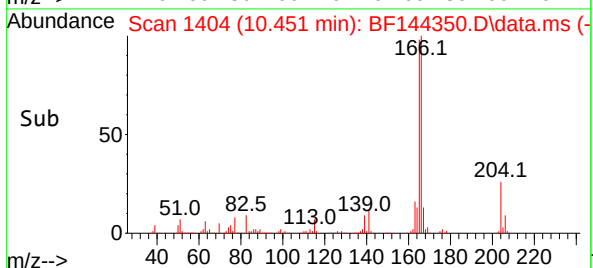
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

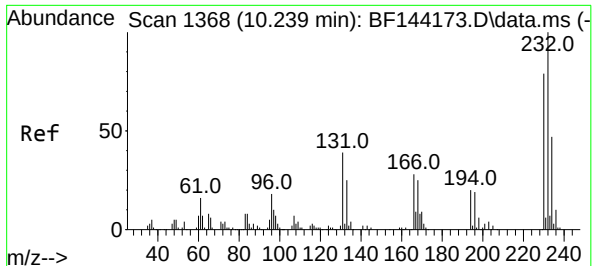


#58
Fluorene
Concen: 46.074 ng
RT: 10.451 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54



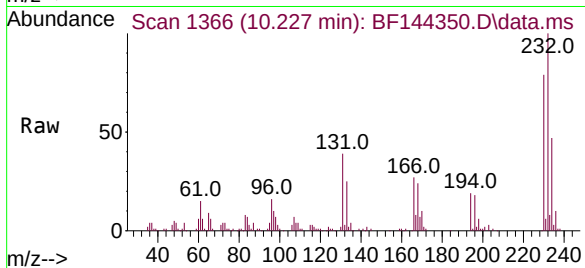
Tgt Ion:166 Resp: 302636
Ion Ratio Lower Upper
166 100
165 97.6 78.6 118.0
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.472 ng
RT: 10.227 min Scan# 1366
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

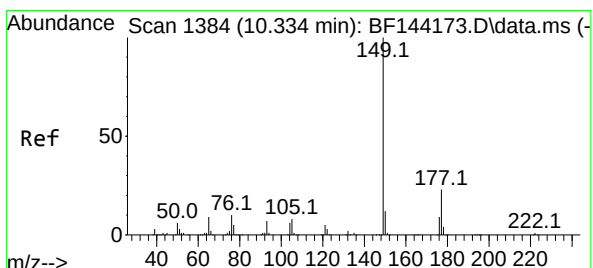
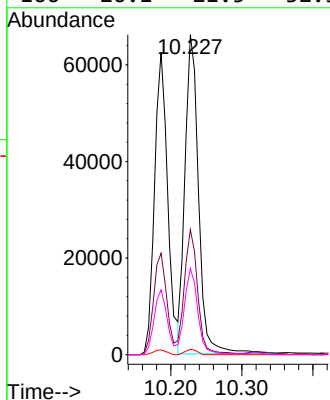
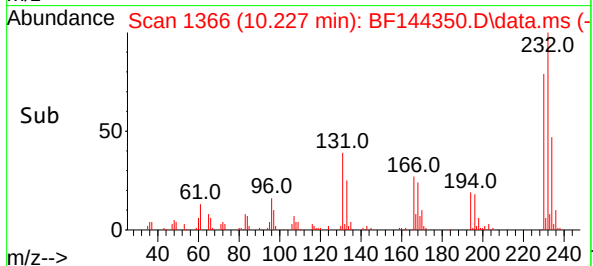
Instrument :
BNA_F
ClientSampleId :
PB170730BS



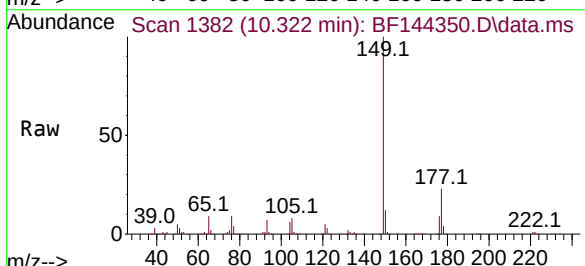
Tgt Ion:232 Resp: 87926
Ion Ratio Lower Upper
232 100
131 39.2 30.3 45.5
130 1.4 1.2 1.8
166 26.1 21.5 32.3

Manual Integrations
APPROVED

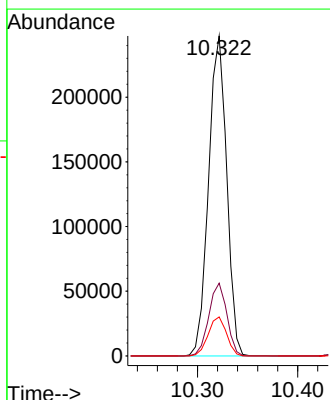
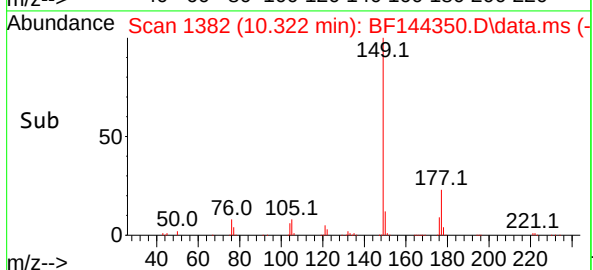
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

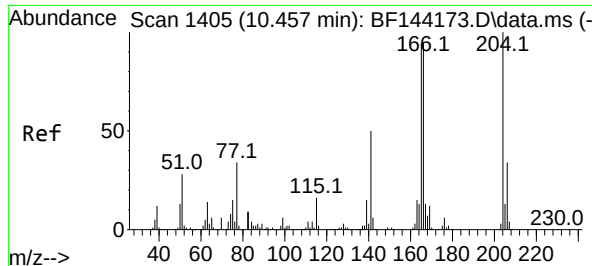


#60
Diethylphthalate
Concen: 44.691 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54



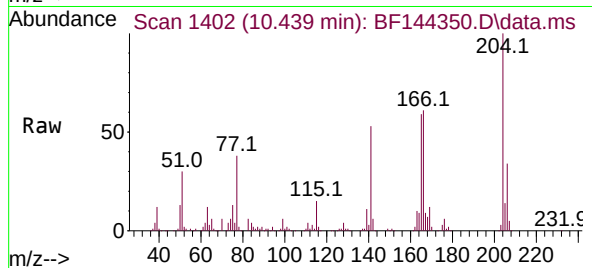
Tgt Ion:149 Resp: 310275
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.2 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 43.816 ng
RT: 10.439 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

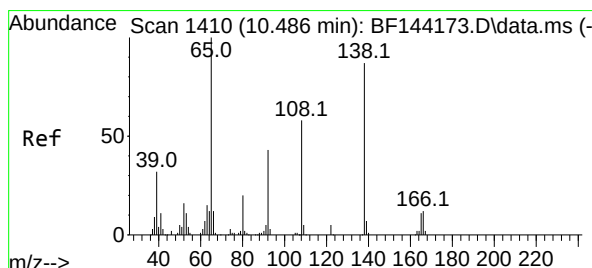
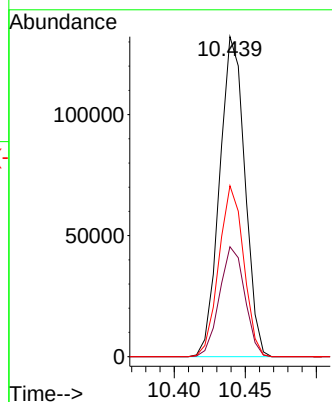
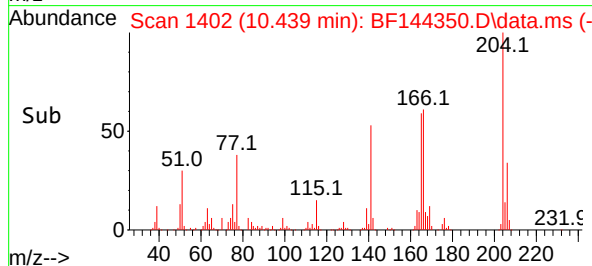
Instrument :
BNA_F
ClientSampleId :
PB170730BS



Tgt Ion:204 Resp: 163940
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 53.4 40.0 60.0

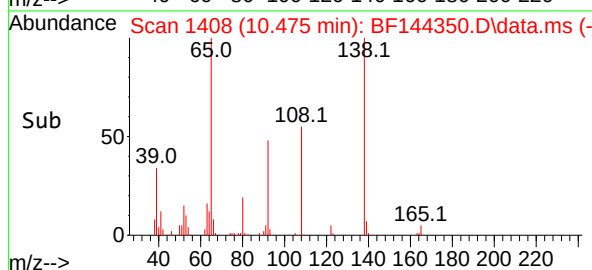
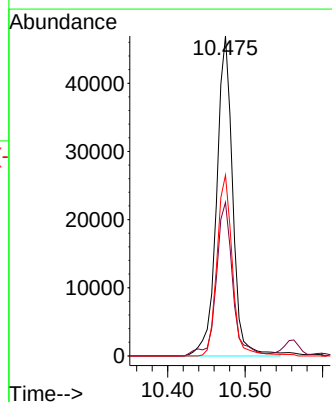
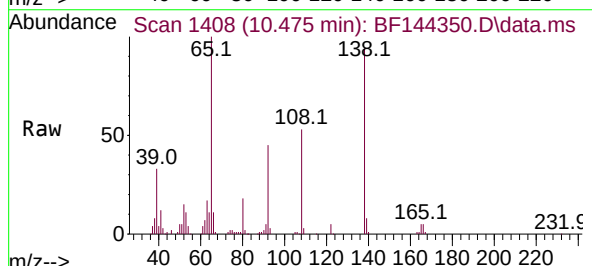
Manual Integrations
APPROVED

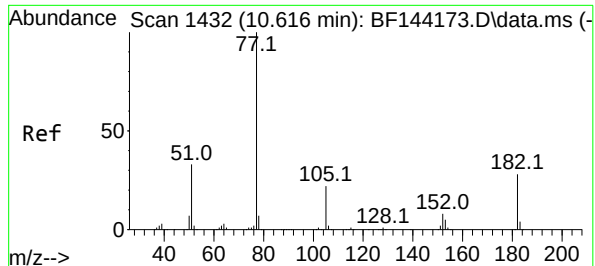
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#62
4-Nitroaniline
Concen: 42.698 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Tgt Ion:138 Resp: 67768
Ion Ratio Lower Upper
138 100
92 48.0 29.4 69.4
108 56.5 46.4 86.4





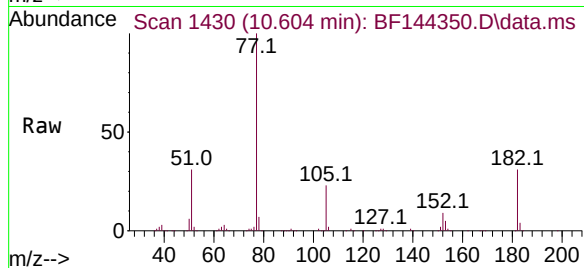
#63
Azobenzene
Concen: 45.730 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

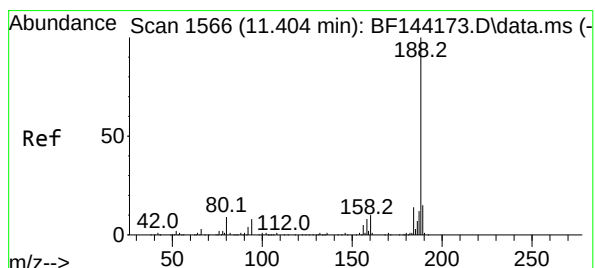
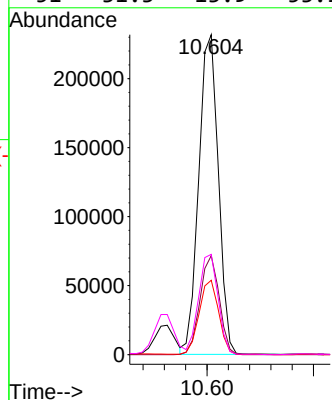
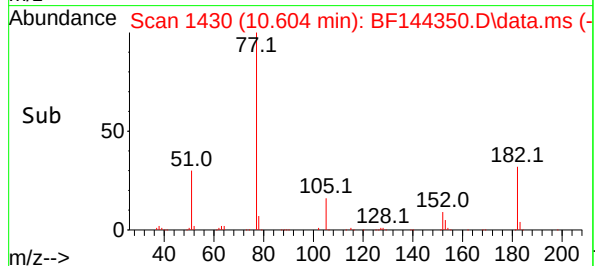


Tgt Ion: 77 Resp: 295478
Ion Ratio Lower Upper
77 100
182 30.9 8.1 48.1
105 23.2 2.0 42.0
51 31.3 13.9 53.9

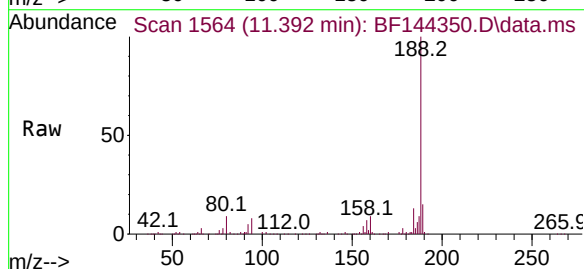
Manual Integrations

APPROVED

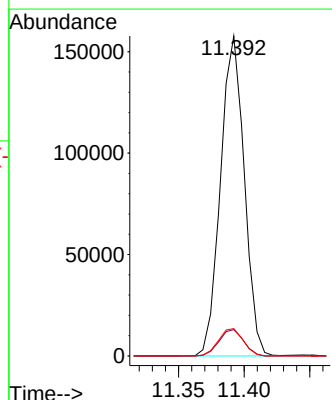
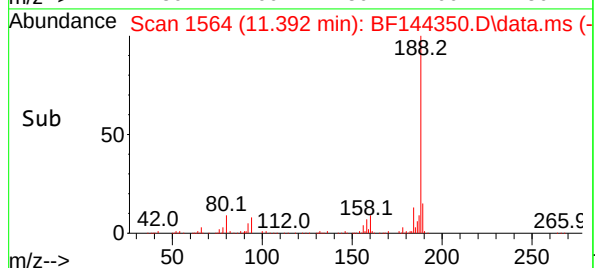
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

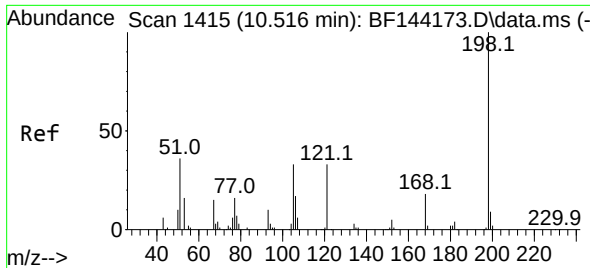


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54



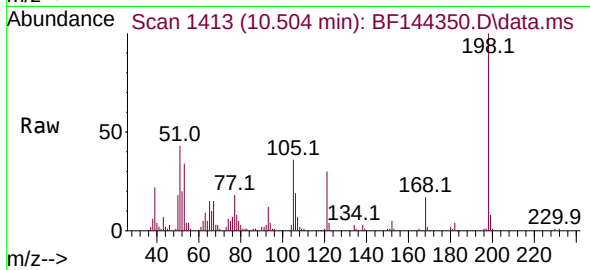
Tgt Ion:188 Resp: 198856
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 8.5 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 42.099 ng
RT: 10.504 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

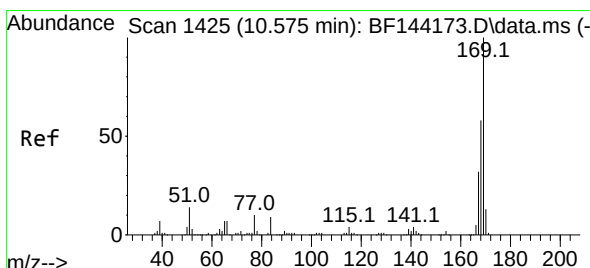
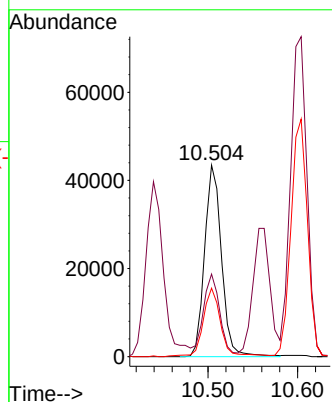
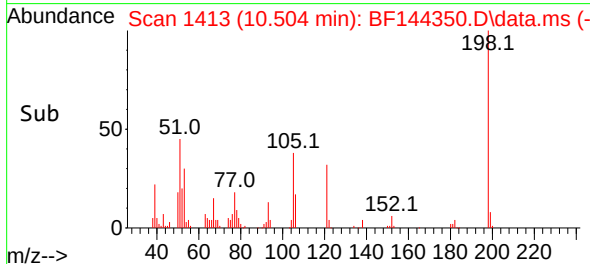
Instrument :
BNA_F
ClientSampleId :
PB170730BS



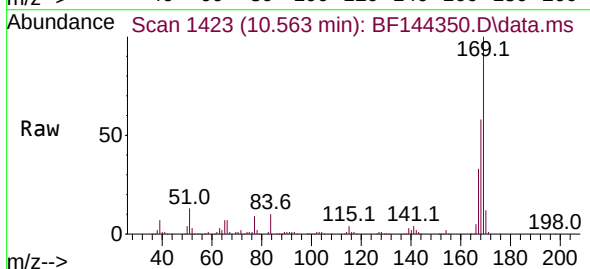
Tgt Ion:198 Resp: 56872
Ion Ratio Lower Upper
198 100
51 43.1 25.6 65.6
105 35.8 14.6 54.6

Manual Integrations
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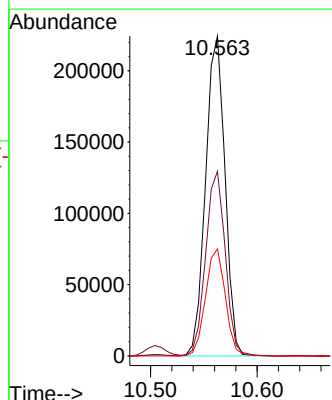
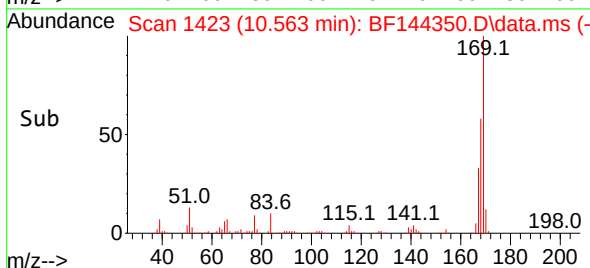
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

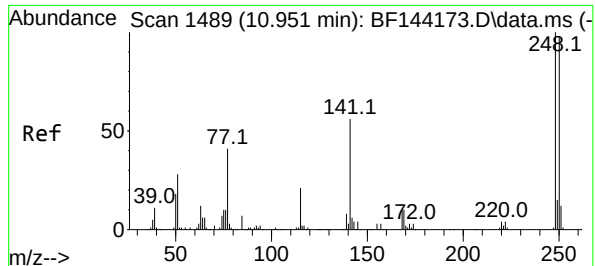


#66
n-Nitrosodiphenylamine
Concen: 44.317 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54



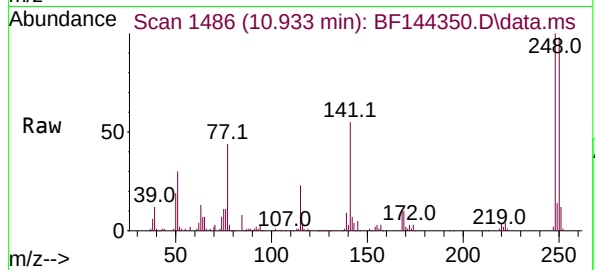
Tgt Ion:169 Resp: 283440
Ion Ratio Lower Upper
169 100
168 57.7 46.2 69.2
167 33.5 25.7 38.5





#67
4-Bromophenyl-phenylether
Concen: 41.796 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

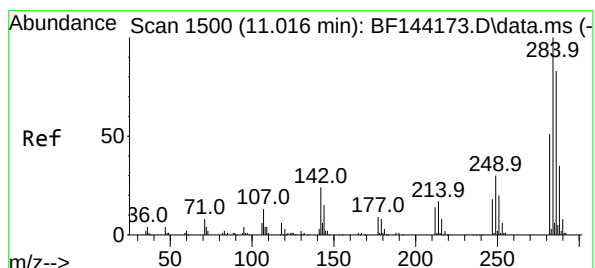
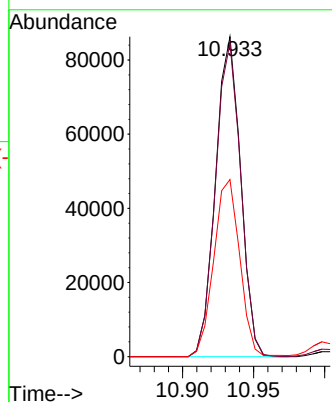
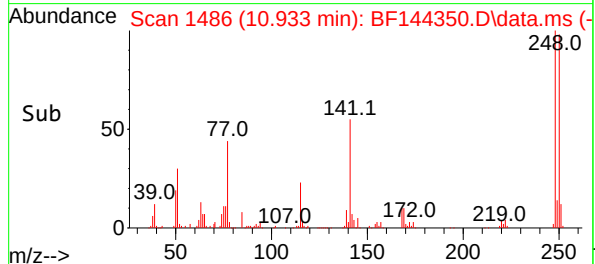
Instrument :
BNA_F
ClientSampleId :
PB170730BS



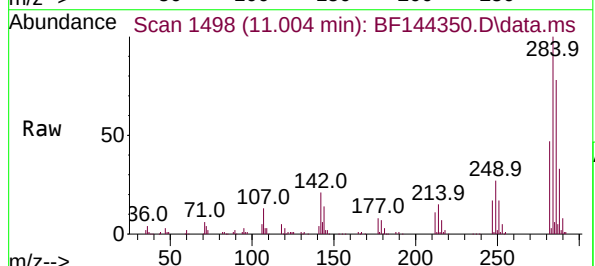
Tgt Ion:248 Resp: 106088
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 55.3 45.1 67.7

Manual Integrations
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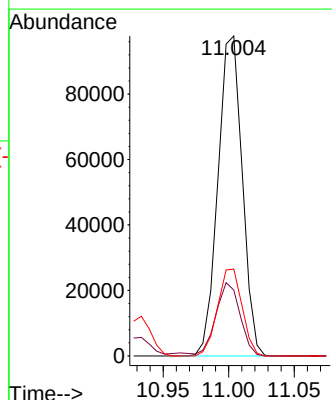
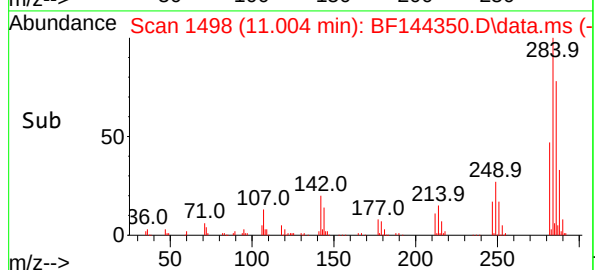
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

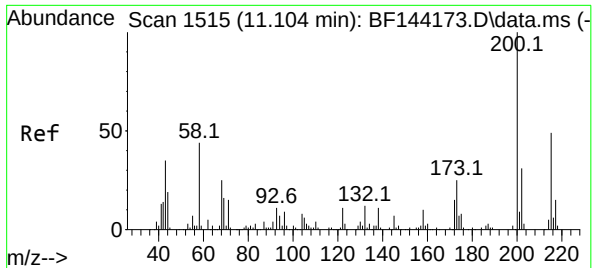


#68
Hexachlorobenzene
Concen: 42.248 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54



Tgt Ion:284 Resp: 126307
Ion Ratio Lower Upper
284 100
142 20.6 19.2 28.8
249 27.1 23.8 35.8





#69

Atrazine

Concen: 26.503 ng

RT: 11.086 min Scan# 1512

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

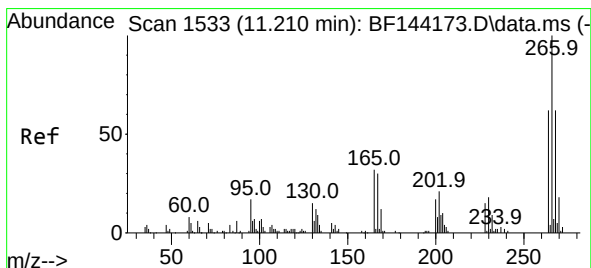
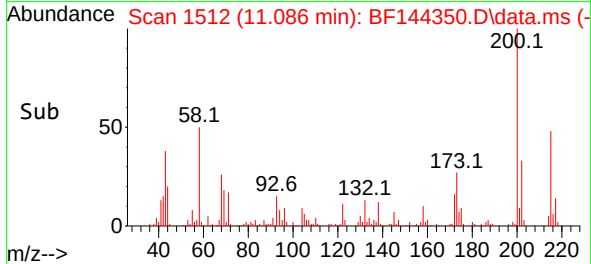
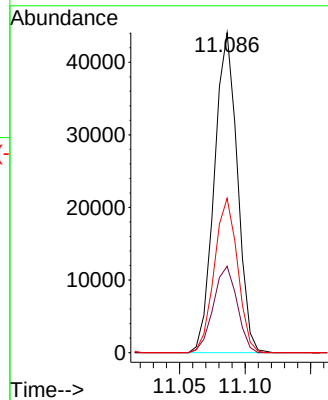
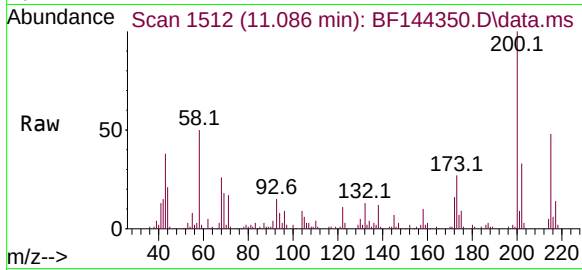
PB170730BS

Tgt Ion:200 Resp: 53907
Ion Ratio Lower Upper
200 100
173 27.0 5.0 45.0
215 48.2 28.7 68.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#70

Pentachlorophenol

Concen: 73.741 ng

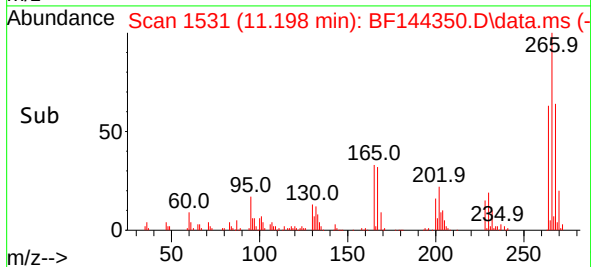
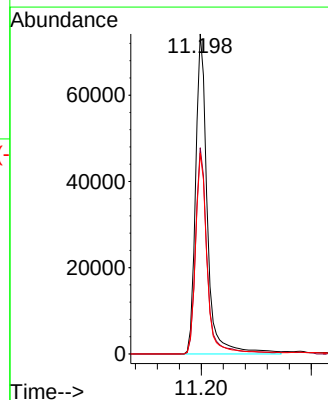
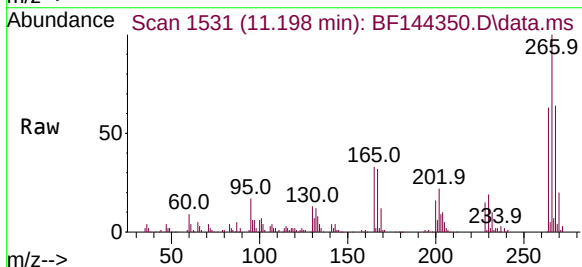
RT: 11.198 min Scan# 1531

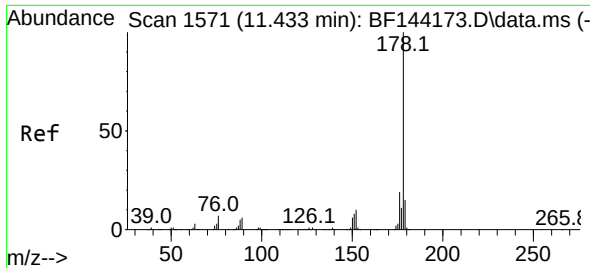
Delta R.T. -0.018 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Tgt Ion:266 Resp: 109781
Ion Ratio Lower Upper
266 100
268 64.4 49.5 74.3
264 62.7 49.4 74.2





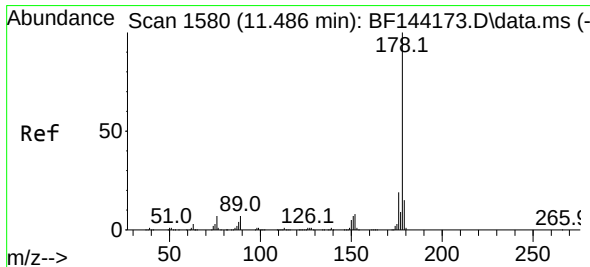
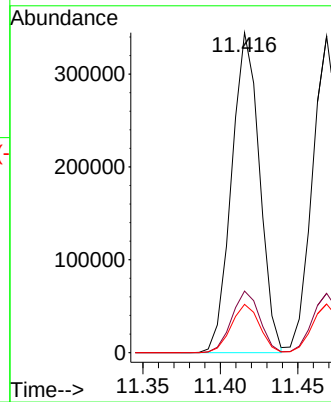
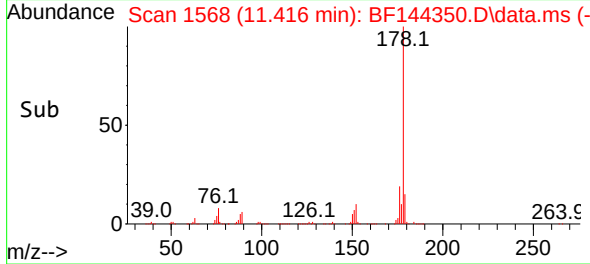
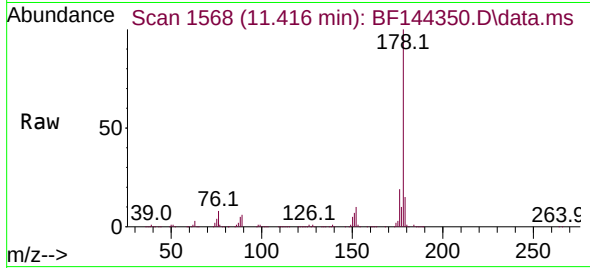
#71
Phenanthrene
Concen: 43.805 ng
RT: 11.416 min Scan# 1570
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Instrument :
BNA_F
ClientSampleId :
PB170730BS

Tgt Ion:178 Resp: 433701
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.1 12.2 18.4

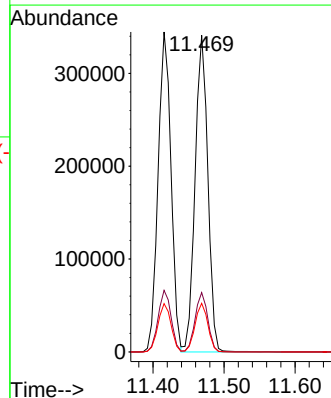
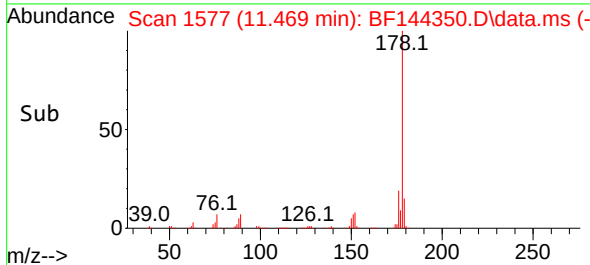
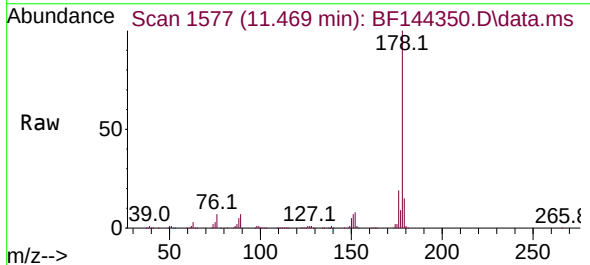
Manual Integrations
APPROVED

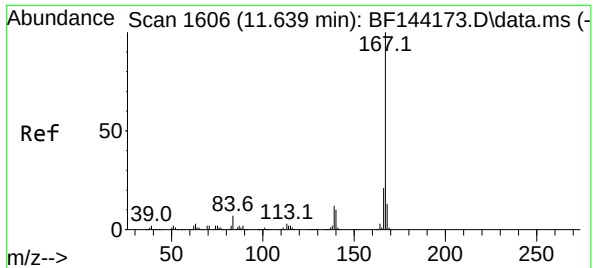
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#72
Anthracene
Concen: 42.233 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

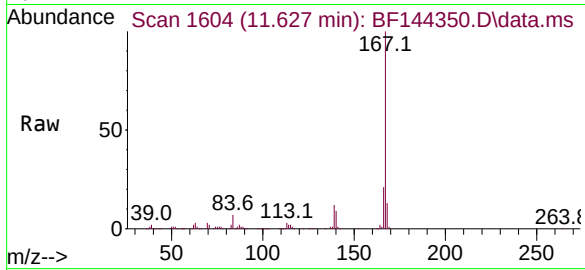
Tgt Ion:178 Resp: 425180
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.3 12.0 18.0





#73
 Carbazole
 Concen: 42.613 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144350.D
 Acq: 25 Nov 2025 14:54

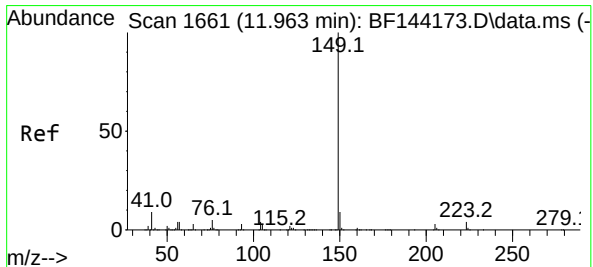
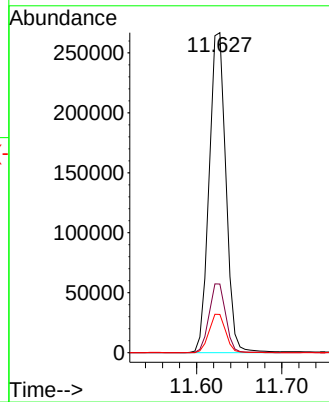
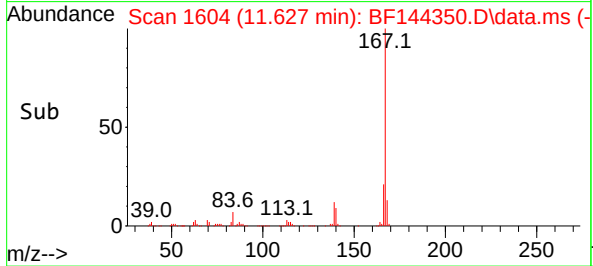
Instrument :
 BNA_F
 ClientSampleId :
 PB170730BS



Tgt Ion:167 Resp: 364792
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 11.9 9.9 14.9

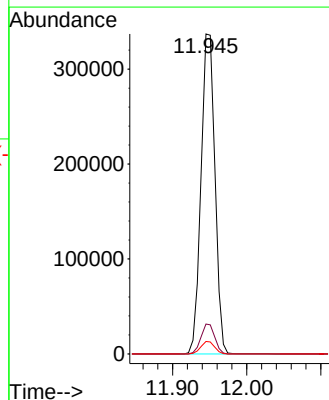
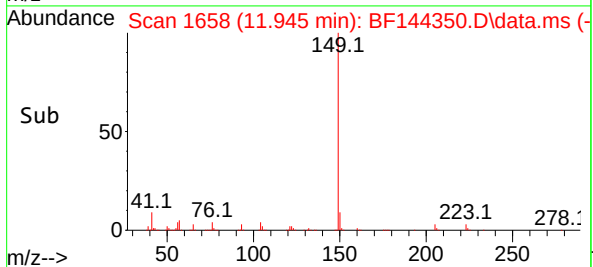
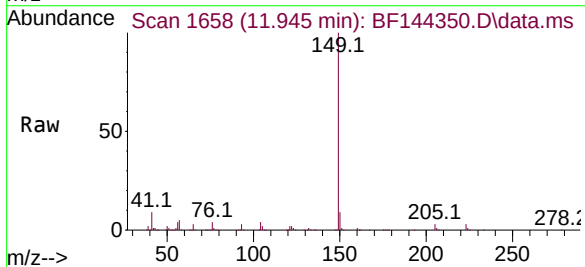
Manual Integrations
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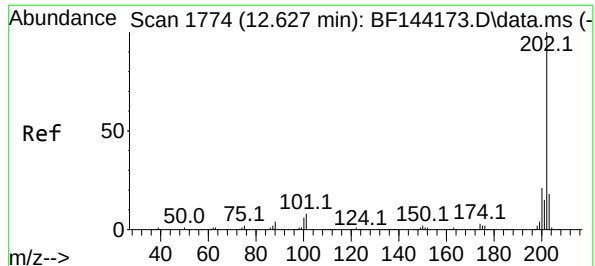
Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025



#74
 Di-n-butylphthalate
 Concen: 42.574 ng
 RT: 11.945 min Scan# 1658
 Delta R.T. -0.018 min
 Lab File: BF144350.D
 Acq: 25 Nov 2025 14:54

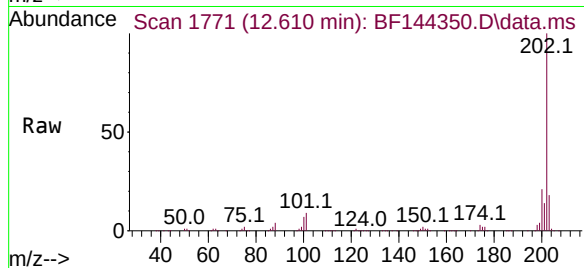
Tgt Ion:149 Resp: 440590
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 3.9 3.4 5.2





#75
Fluoranthene
Concen: 43.240 ng
RT: 12.610 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

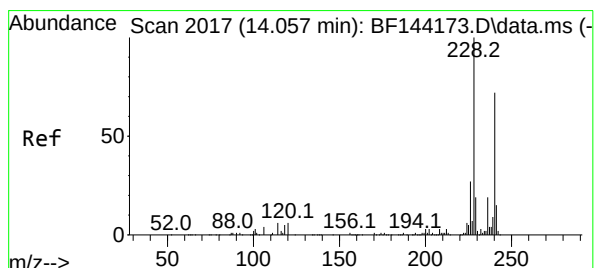
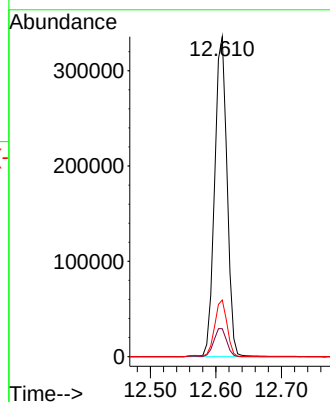
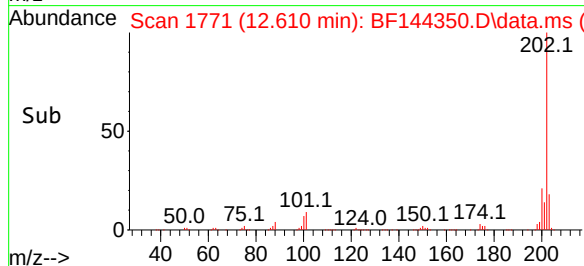
Instrument :
BNA_F
ClientSampleId :
PB170730BS



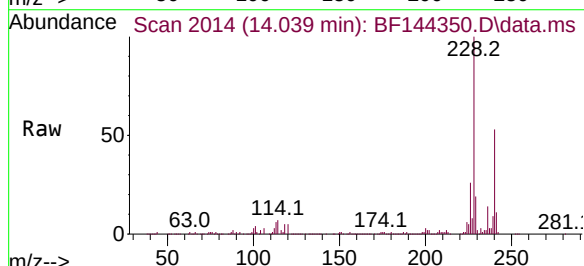
Tgt Ion:202 Resp: 442233
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.9
203 17.7 0.0 37.5

Manual Integrations
APPROVED

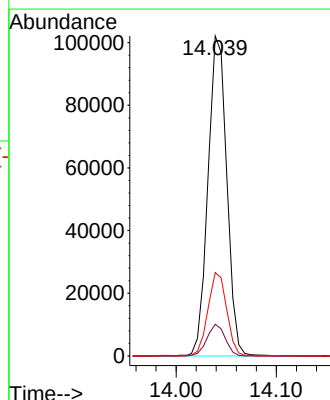
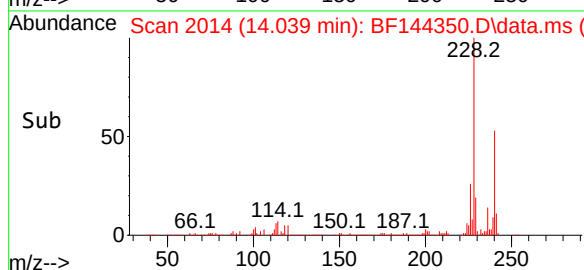
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

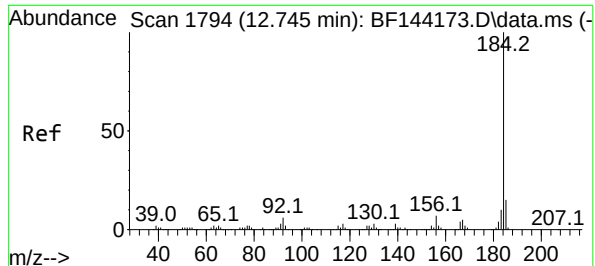


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54



Tgt Ion:240 Resp: 132740
Ion Ratio Lower Upper
240 100
120 9.9 6.6 10.0
236 26.0 21.4 32.2





#77

Benzidine

Concen: 8.864 ng

RT: 12.733 min Scan# 1792

Delta R.T. -0.018 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

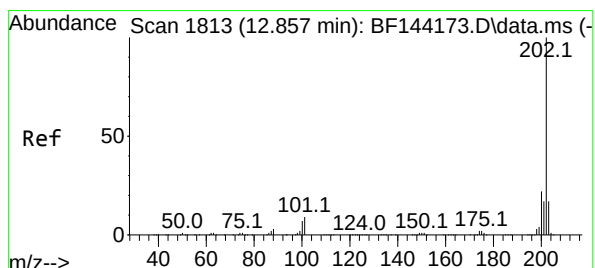
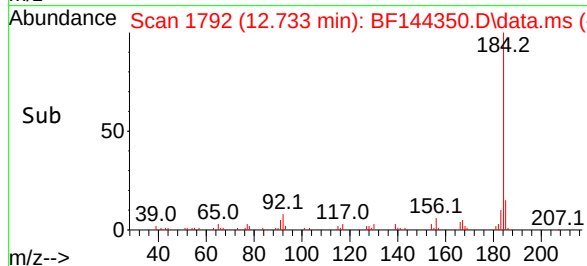
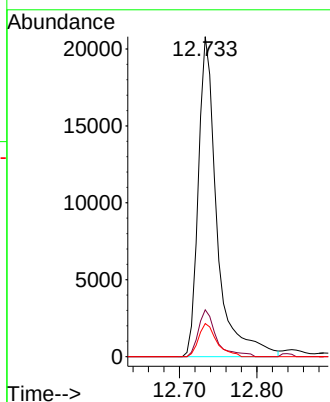
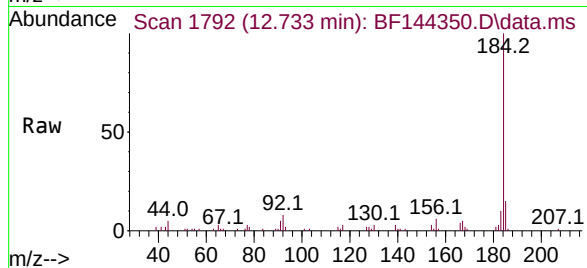
PB170730BS

Tgt Ion:184	Resp:	34802
Ion Ratio	Lower	Upper
184	100	
185	14.6	11.7 17.5
183	10.3	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#78

Pyrene

Concen: 41.891 ng

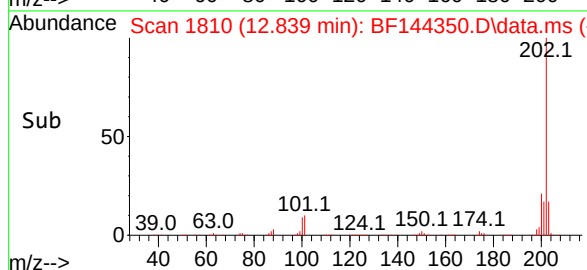
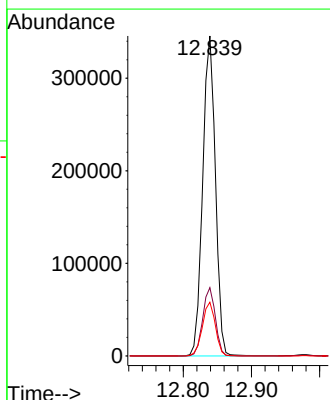
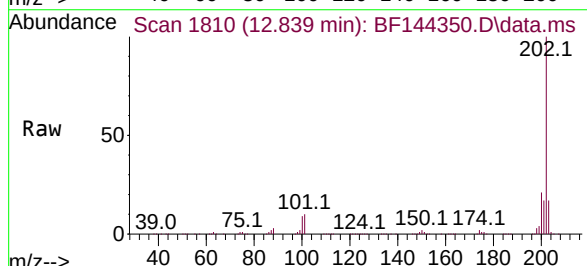
RT: 12.839 min Scan# 1810

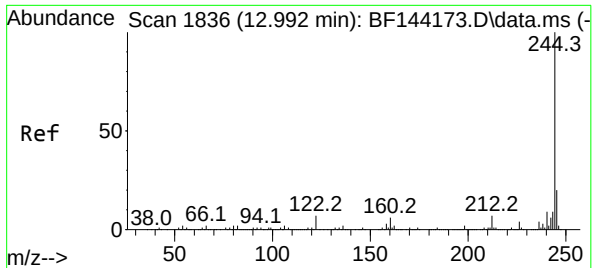
Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Tgt Ion:202	Resp:	448343
Ion Ratio	Lower	Upper
202	100	
200	21.3	17.2 25.8
203	16.8	13.7 20.5





#79

Terphenyl-d14

Concen: 83.528 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144350.D

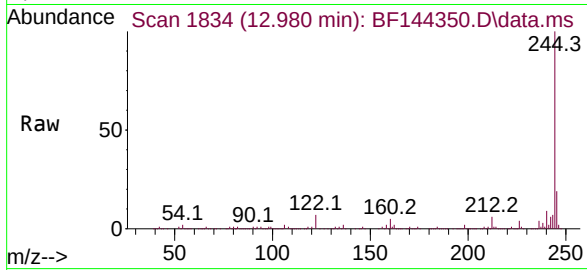
Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS



Tgt Ion:244 Resp: 69802

Ion Ratio Lower Upper

244 100

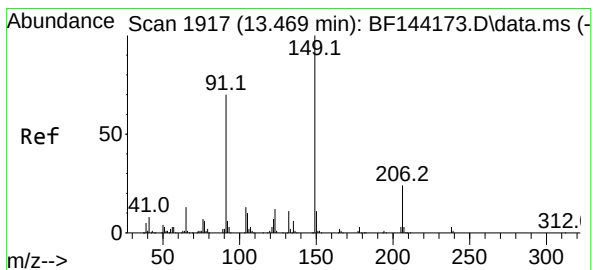
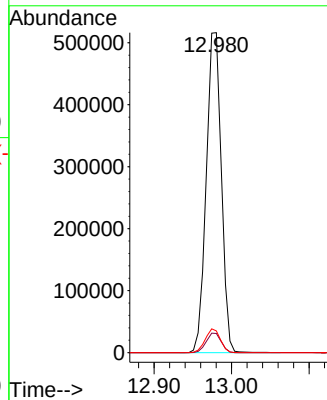
212 6.0 5.3 7.9

122 6.8 5.6 8.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025



#80

Butylbenzylphthalate

Concen: 46.374 ng

RT: 13.451 min Scan# 1914

Delta R.T. -0.018 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

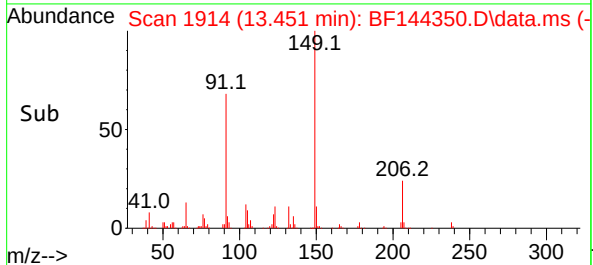
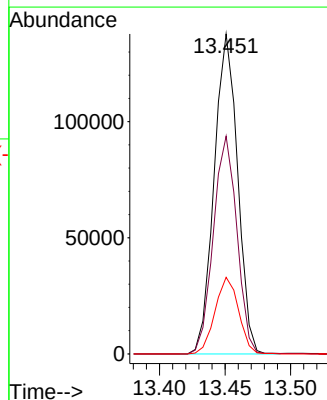
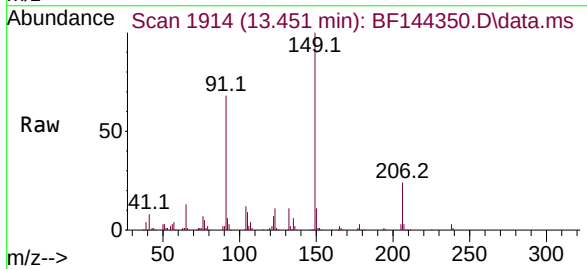
Tgt Ion:149 Resp: 172020

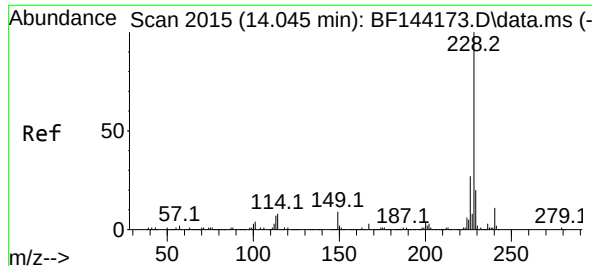
Ion Ratio Lower Upper

149 100

91 68.0 56.1 84.1

206 23.9 18.8 28.2





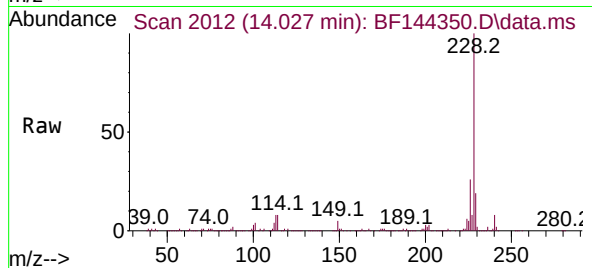
#81
Benzo(a)anthracene
Concen: 49.550 ng
RT: 14.027 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

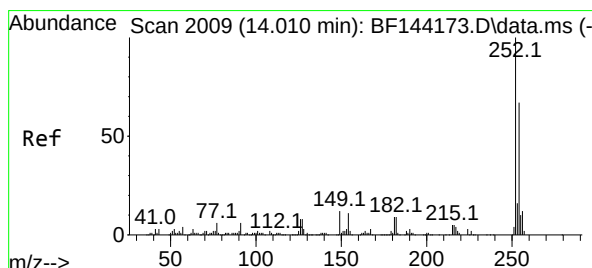
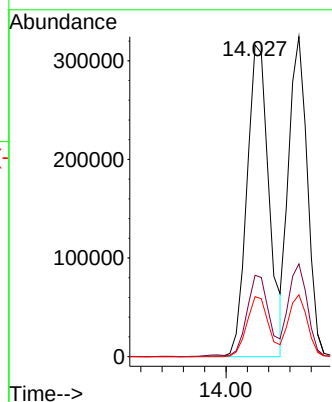
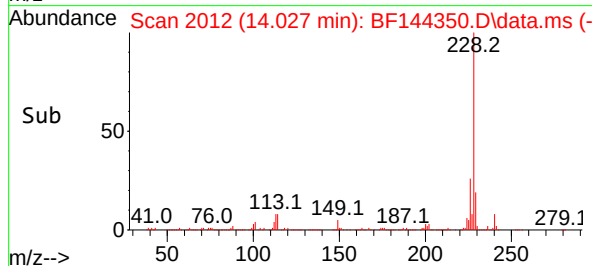


Tgt Ion:228 Resp: 455856
Ion Ratio Lower Upper
228 100
226 26.1 21.8 32.8
229 19.2 15.8 23.6

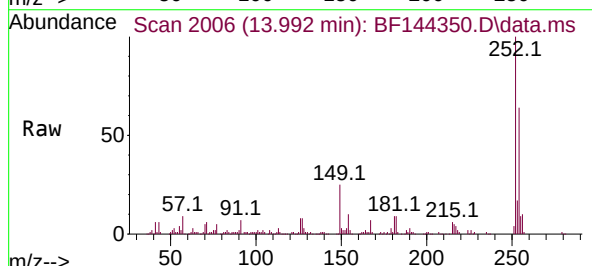
Manual Integrations

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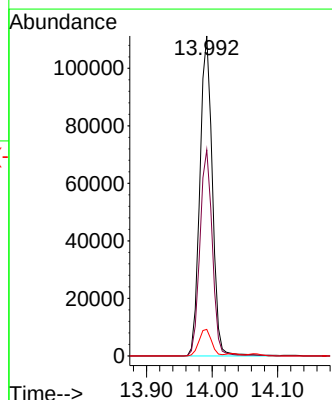
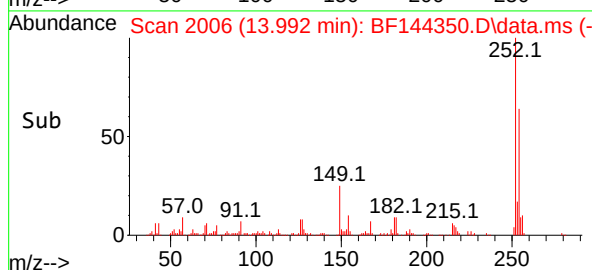
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

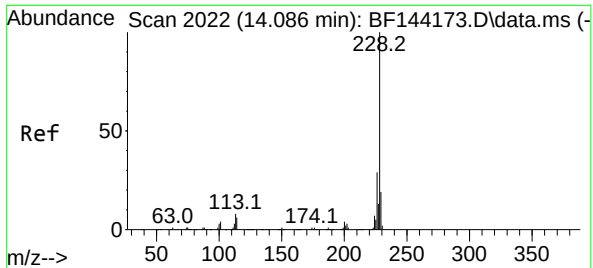


#82
3,3'-Dichlorobenzidine
Concen: 46.219 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54



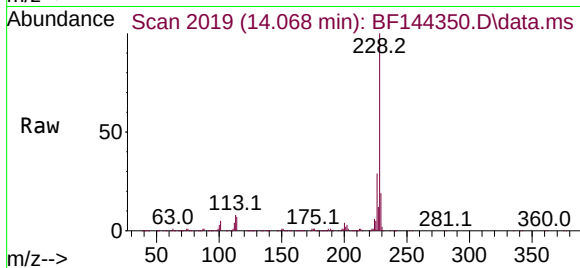
Tgt Ion:252 Resp: 145752
Ion Ratio Lower Upper
252 100
254 64.4 53.5 80.3
126 8.3 6.4 9.6





#83
Chrysene
Concen: 46.447 ng
RT: 14.068 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

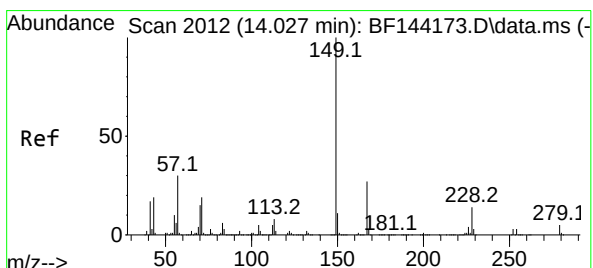
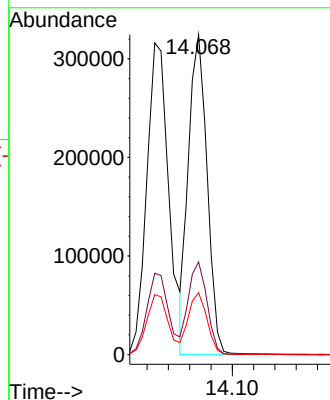
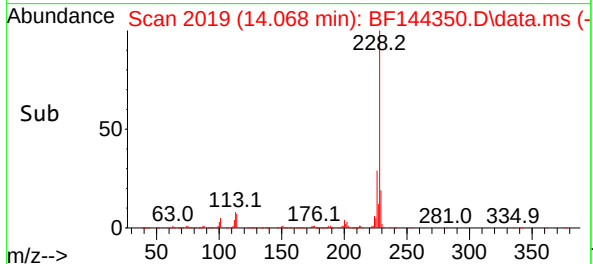
Instrument :
BNA_F
ClientSampleId :
PB170730BS



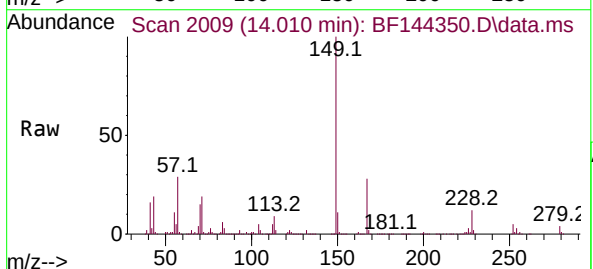
Tgt Ion:228 Resp: 394462
Ion Ratio Lower Upper
228 100
226 29.0 22.9 34.3
229 19.3 15.0 22.6

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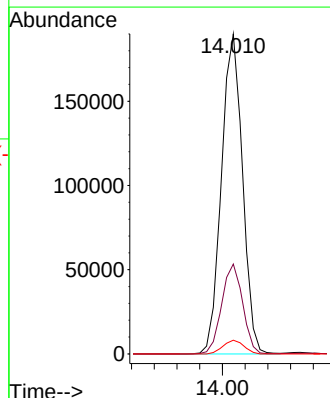
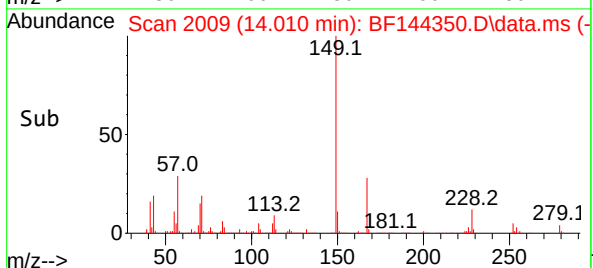
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

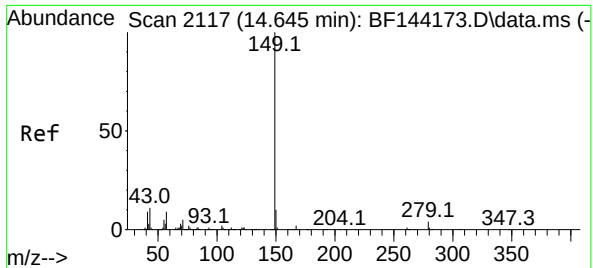


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.149 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54



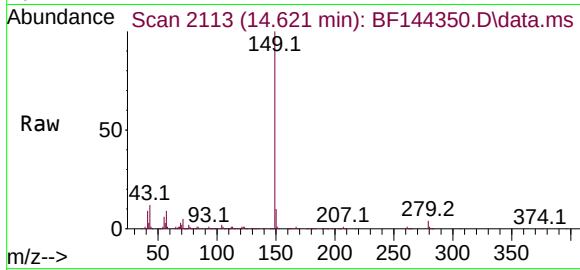
Tgt Ion:149 Resp: 244500
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.8
279 4.3 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 50.988 ng
RT: 14.621 min Scan# 2117
Delta R.T. -0.024 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

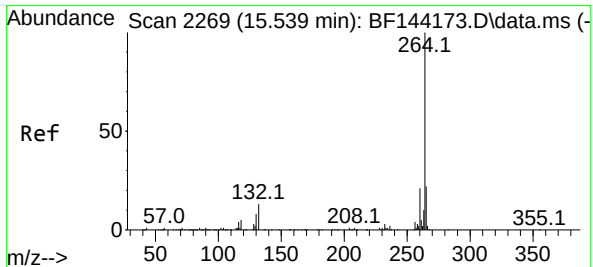
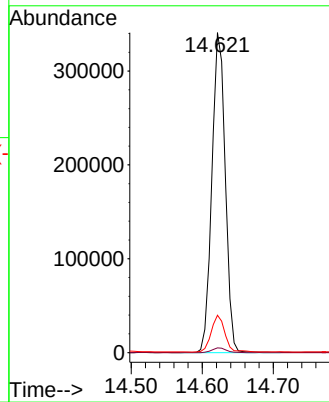
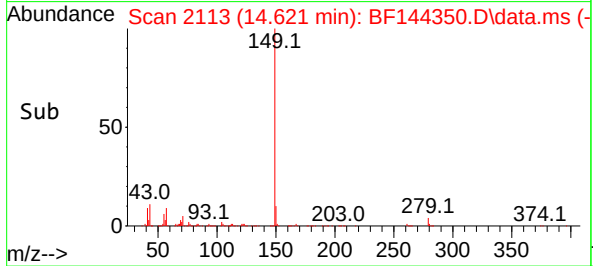
Instrument :
BNA_F
ClientSampleId :
PB170730BS



Tgt Ion:149 Resp: 446718
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.6 9.0 13.4

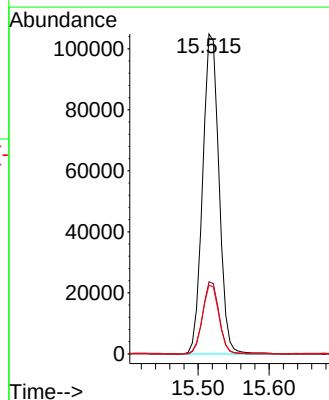
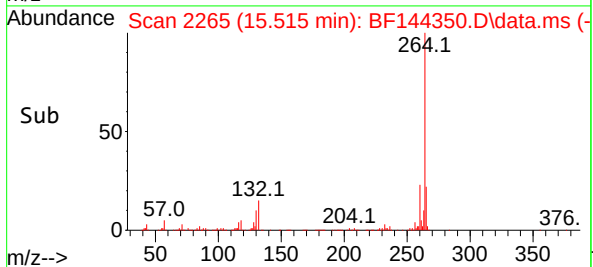
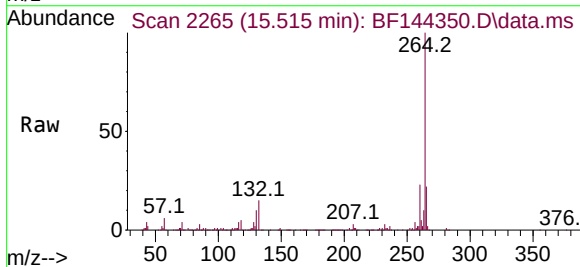
Manual Integrations
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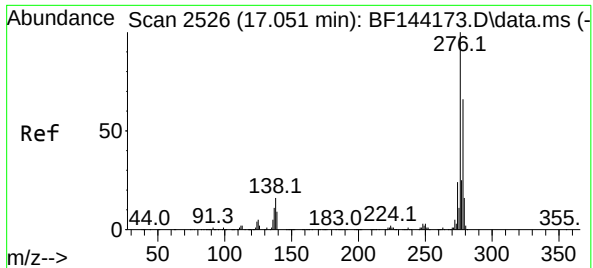
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.024 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

Tgt Ion:264 Resp: 166770
Ion Ratio Lower Upper
264 100
260 22.5 17.1 25.7
265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.304 ng

RT: 17.027 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BF144350.D

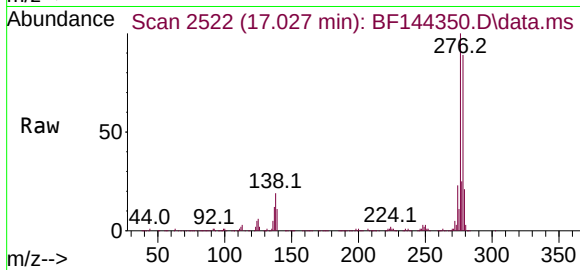
Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS



Tgt Ion:276 Resp: 578262

Ion Ratio Lower Upper

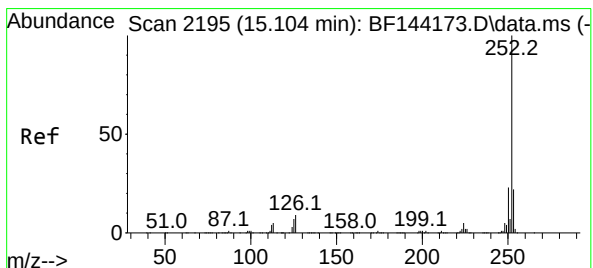
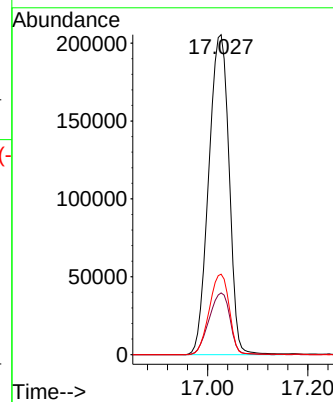
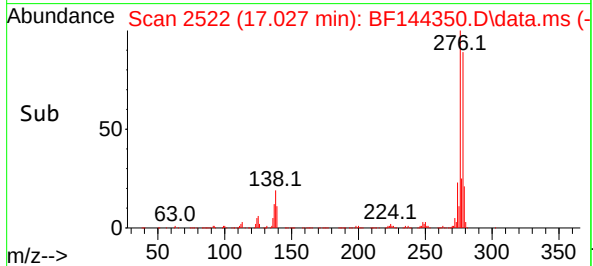
276 100

138 19.9 13.9 20.9

277 24.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#88

Benzo(b)fluoranthene

Concen: 56.708 ng

RT: 15.086 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

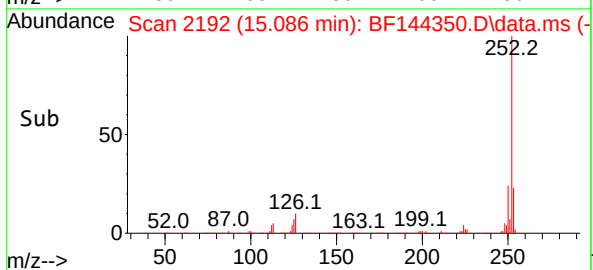
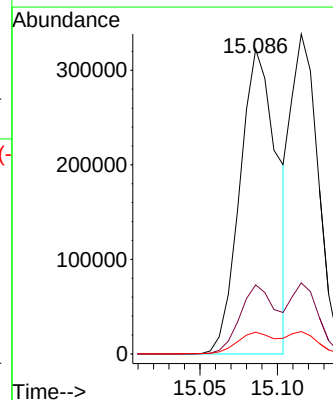
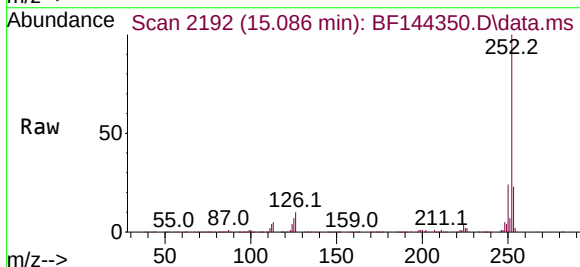
Tgt Ion:252 Resp: 537665

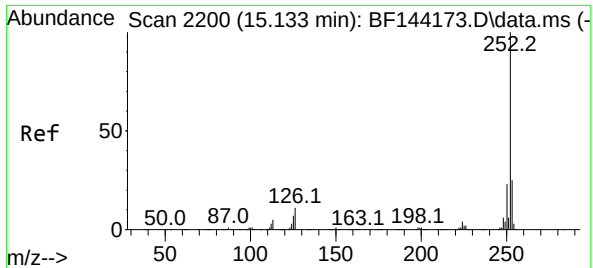
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 7.1 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 46.843 ng

RT: 15.115 min Scan# 2197

Delta R.T. -0.012 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

Instrument :

BNA_F

ClientSampleId :

PB170730BS

Tgt Ion:252 Resp: 415699

Ion Ratio Lower Upper

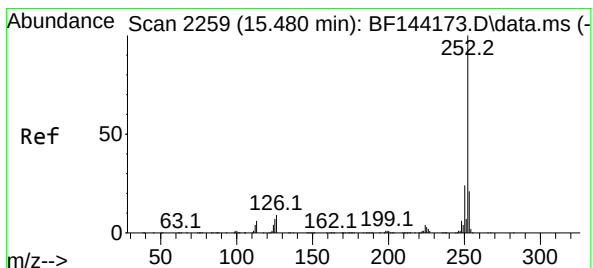
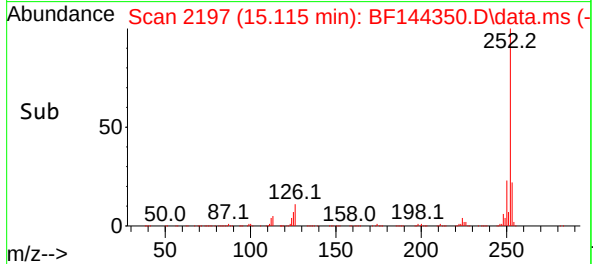
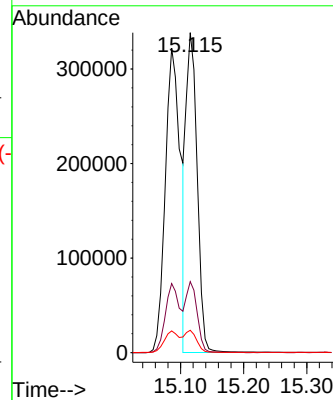
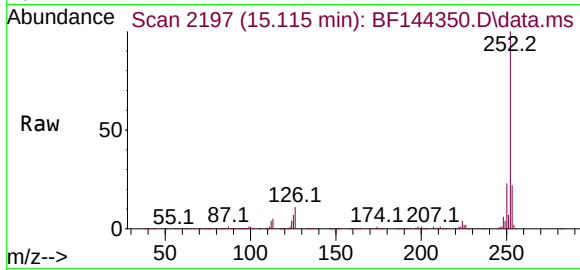
252 100

253 22.2 18.0 27.0

125 7.0 5.4 8.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

#90

Benzo(a)pyrene

Concen: 48.772 ng

RT: 15.457 min Scan# 2255

Delta R.T. -0.018 min

Lab File: BF144350.D

Acq: 25 Nov 2025 14:54

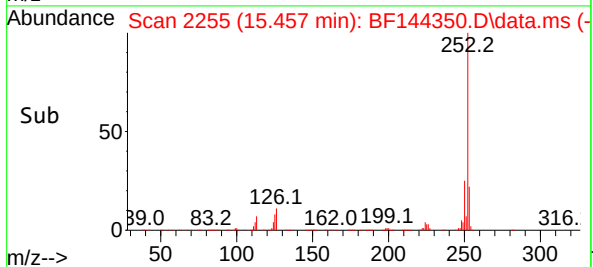
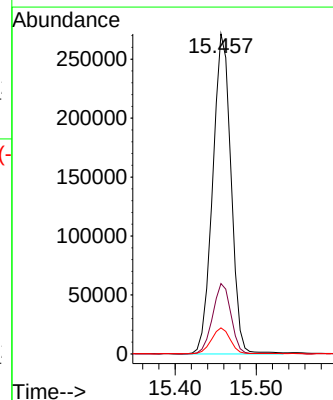
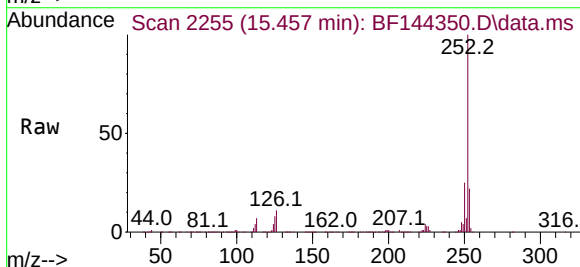
Tgt Ion:252 Resp: 426596

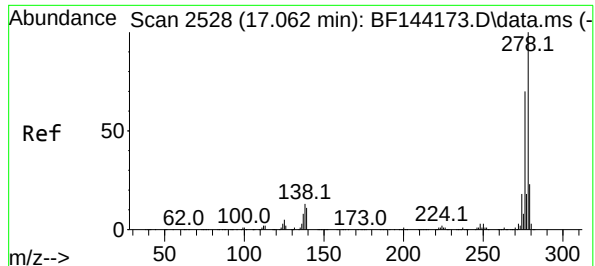
Ion Ratio Lower Upper

252 100

253 22.0 16.7 25.1

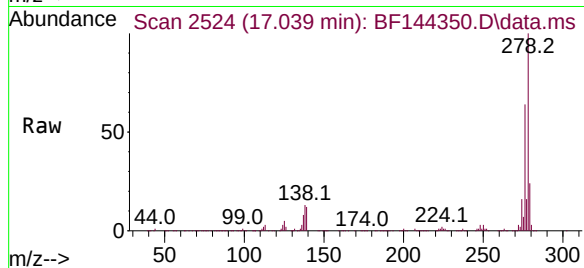
125 8.1 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 49.754 ng
RT: 17.039 min Scan# 2528
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54

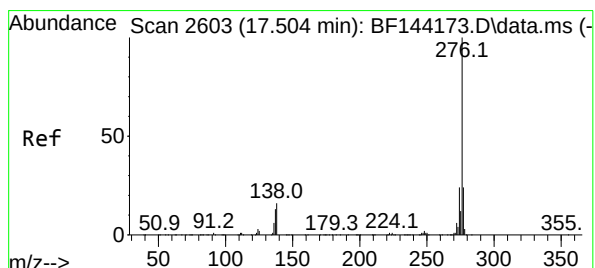
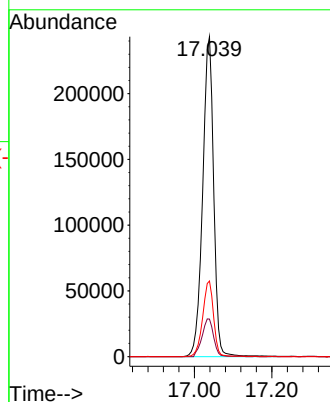
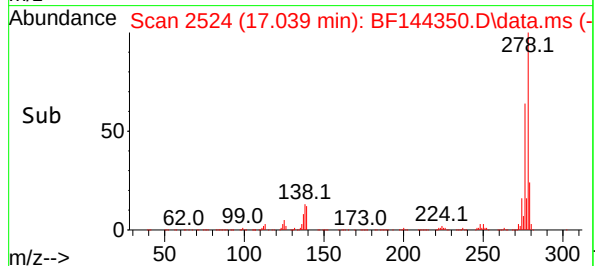
Instrument :
BNA_F
ClientSampleId :
PB170730BS



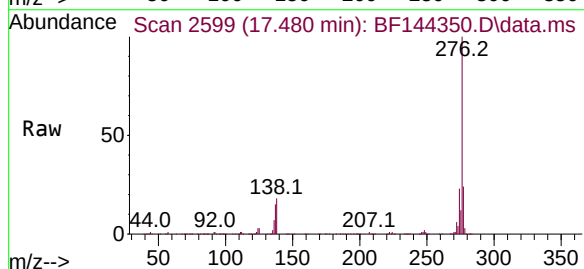
Tgt Ion:278 Resp: 478350
Ion Ratio Lower Upper
278 100
139 11.7 9.1 13.7
279 23.7 18.2 27.4

Manual Integrations
APPROVED

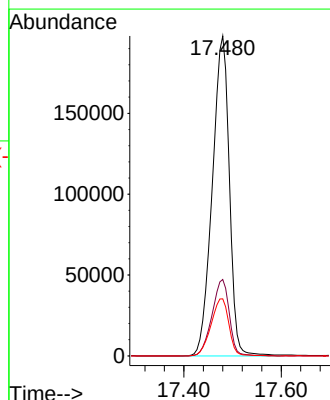
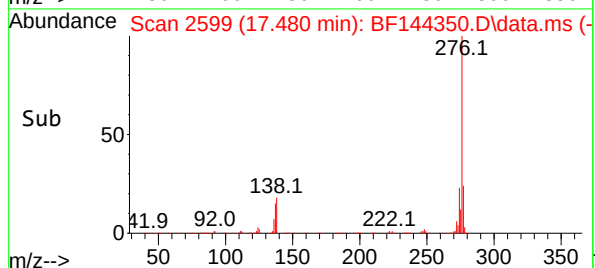
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



#92
Benzo(g,h,i)perylene
Concen: 50.672 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144350.D
Acq: 25 Nov 2025 14:54



Tgt Ion:276 Resp: 481091
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 17.8 12.9 19.3



Report of Analysis

Client: Ardmore Chemical	Date Collected: 11/20/25	
Project: PVSC Monthly 2025	Date Received: 11/20/25	
Client Sample ID: EFF-WWMS	SDG No.: Q3700	
Lab Sample ID: Q3700-05MS	Matrix: Water	
Analytical Method: 625.1	% Solid: 0	
Sample Wt/Vol: 530 mL	Test: SVOCMS Group1	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	44.4		1	1.60	18.9	ug/L	11/25/25 16:45	PB170730
108-95-2	Phenol	39.1		1	1.70	9.40	ug/L	11/25/25 16:45	PB170730
111-44-4	bis(2-Chloroethyl)ether	70.6		1	1.50	9.40	ug/L	11/25/25 16:45	PB170730
95-57-8	2-Chlorophenol	65.1		1	1.10	9.40	ug/L	11/25/25 16:45	PB170730
108-60-1	2,2-oxybis(1-Chloropropane)	71.9		1	2.40	9.40	ug/L	11/25/25 16:45	PB170730
621-64-7	n-Nitroso-di-n-propylamine	77.8		1	2.70	9.40	ug/L	11/25/25 16:45	PB170730
67-72-1	Hexachloroethane	57.7		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
98-95-3	Nitrobenzene	74.7		1	1.40	9.40	ug/L	11/25/25 16:45	PB170730
78-59-1	Isophorone	76.9		1	1.40	9.40	ug/L	11/25/25 16:45	PB170730
88-75-5	2-Nitrophenol	79.7		1	3.30	9.40	ug/L	11/25/25 16:45	PB170730
105-67-9	2,4-Dimethylphenol	77.3		1	3.50	9.40	ug/L	11/25/25 16:45	PB170730
111-91-1	bis(2-Chloroethoxy)methane	77.6		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730
120-83-2	2,4-Dichlorophenol	61.9		1	0.98	9.40	ug/L	11/25/25 16:45	PB170730
120-82-1	1,2,4-Trichlorobenzene	57.0		1	1.00	9.40	ug/L	11/25/25 16:45	PB170730
91-20-3	Naphthalene	71.9		1	0.94	9.40	ug/L	11/25/25 16:45	PB170730
87-68-3	Hexachlorobutadiene	63.4		1	1.00	9.40	ug/L	11/25/25 16:45	PB170730
59-50-7	4-Chloro-3-methylphenol	62.7		1	1.10	9.40	ug/L	11/25/25 16:45	PB170730
77-47-4	Hexachlorocyclopentadiene	89.2		1	6.80	18.9	ug/L	11/25/25 16:45	PB170730
88-06-2	2,4,6-Trichlorophenol	64.0		1	0.96	9.40	ug/L	11/25/25 16:45	PB170730
91-58-7	2-Chloronaphthalene	76.5		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
131-11-3	Dimethylphthalate	78.3		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
208-96-8	Acenaphthylene	88.1		1	1.40	9.40	ug/L	11/25/25 16:45	PB170730
606-20-2	2,6-Dinitrotoluene	82.5		1	1.70	9.40	ug/L	11/25/25 16:45	PB170730
83-32-9	Acenaphthene	69.8		1	1.00	9.40	ug/L	11/25/25 16:45	PB170730
51-28-5	2,4-Dinitrophenol	150		1	11.3	18.9	ug/L	11/25/25 16:45	PB170730
100-02-7	4-Nitrophenol	71.1		1	4.50	18.9	ug/L	11/25/25 16:45	PB170730
121-14-2	2,4-Dinitrotoluene	79.3		1	2.30	9.40	ug/L	11/25/25 16:45	PB170730
84-66-2	Diethylphthalate	74.3		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730
7005-72-3	4-Chlorophenyl-phenylether	71.7		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730
86-73-7	Fluorene	75.4		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
534-52-1	4,6-Dinitro-2-methylphenol	73.8		1	5.40	18.9	ug/L	11/25/25 16:45	PB170730
86-30-6	n-Nitrosodiphenylamine	84.1		1	1.10	9.40	ug/L	11/25/25 16:45	PB170730
103-33-3	Azobenzene	80.5		1	1.50	9.40	ug/L	11/25/25 16:45	PB170730
101-55-3	4-Bromophenyl-phenylether	75.0		1	0.75	9.40	ug/L	11/25/25 16:45	PB170730
118-74-1	Hexachlorobenzene	78.1		1	0.98	9.40	ug/L	11/25/25 16:45	PB170730
87-86-5	Pentachlorophenol	170	E	1	3.00	18.9	ug/L	11/25/25 16:45	PB170730
85-01-8	Phenanthrene	80.0		1	0.94	9.40	ug/L	11/25/25 16:45	PB170730
120-12-7	Anthracene	81.6		1	1.20	9.40	ug/L	11/25/25 16:45	PB170730
84-74-2	Di-n-butylphthalate	54.1		1	2.30	9.40	ug/L	11/25/25 16:45	PB170730
206-44-0	Fluoranthene	77.0		1	1.50	9.40	ug/L	11/25/25 16:45	PB170730
92-87-5	Benzidine	29.0		1	8.10	18.9	ug/L	11/25/25 16:45	PB170730
129-00-0	Pyrene	64.7		1	0.94	9.40	ug/L	11/25/25 16:45	PB170730



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

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	11/20/25
Project:	PVSC Monthly 2025		Date Received:	11/20/25
Client Sample ID:	EFF-WWMS		SDG No.:	Q3700
Lab Sample ID:	Q3700-05MS		Matrix:	Water
Analytical Method:	625.1	Level: LOW	% Solid:	0
Sample Wt/Vol:	530 mL	Final Vol: 1000 uL	Test:	SVOCMS Group1
Prep Method :	3510C	Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	79.0		1	3.60	9.40	ug/L	11/25/25 16:45	PB170730
91-94-1	3,3-Dichlorobenzidine	35.4		1	1.80	18.9	ug/L	11/25/25 16:45	PB170730
56-55-3	Benzo(a)anthracene	79.9		1	0.85	9.40	ug/L	11/25/25 16:45	PB170730
218-01-9	Chrysene	79.4		1	0.83	9.40	ug/L	11/25/25 16:45	PB170730
117-81-7	Bis(2-ethylhexyl)phthalate	84.8		1	3.00	9.40	ug/L	11/25/25 16:45	PB170730
117-84-0	Di-n-octyl phthalate	88.7		1	4.40	18.9	ug/L	11/25/25 16:45	PB170730
205-99-2	Benzo(b)fluoranthene	81.7		1	0.92	9.40	ug/L	11/25/25 16:45	PB170730
207-08-9	Benzo(k)fluoranthene	77.2		1	0.91	9.40	ug/L	11/25/25 16:45	PB170730
50-32-8	Benzo(a)pyrene	79.1		1	1.00	9.40	ug/L	11/25/25 16:45	PB170730
193-39-5	Indeno(1,2,3-cd)pyrene	76.5		1	1.10	9.40	ug/L	11/25/25 16:45	PB170730
53-70-3	Dibenzo(a,h)anthracene	75.8		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730
191-24-2	Benzo(g,h,i)perylene	79.4		1	1.30	9.40	ug/L	11/25/25 16:45	PB170730

SURROGATES

367-12-4	2-Fluorophenol	56.5	*		60 - 140	56%	SPK: 100
13127-88-3	Phenol-d6	40.9	*		60 - 140	41%	SPK: 100
4165-60-0	Nitrobenzene-d5	84.0			60 - 140	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.2			60 - 140	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	70.2			60 - 140	70%	SPK: 100
1718-51-0	Terphenyl-d14	68.0			60 - 140	68%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	53900
1146-65-2	Naphthalene-d8	191000
15067-26-2	Acenaphthene-d10	99200
1517-22-2	Phenanthrene-d10	156000
1719-03-5	Chrysene-d12	130000
1520-96-3	Perylene-d12	172000

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\BF112525\
 Data File : BF144353.D
 Acq On : 25 Nov 2025 16:45
 Operator : RC/JU
 Sample : Q3700-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
 ahmed

11/27/2025

Quant Time: Nov 25 17:19:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	53861	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	190607	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	99198	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	155991	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	130434	20.000	ng	0.00
86) Perylene-d12	15.521	264	172449	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	194442	56.493	ng	0.00
7) Phenol-d6	6.498	99	159367	40.864	ng	0.00
23) Nitrobenzene-d5	7.428	82	277154	83.979	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	87431	70.236	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	532251	79.245	ng	0.00
79) Terphenyl-d14	12.980	244	558112	67.966	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.646	88	35385	24.867	ng	Qvalue 98
3) Pyridine	3.440	79	76663	19.311	ng	99
4) n-Nitrosodimethylamine	3.352	42	48849	23.557	ng	87
6) Aniline	6.522	93	83223	14.978	ng	# 79
8) 2-Chlorophenol	6.651	128	116427	34.493	ng	98
9) Benzaldehyde	6.416	77	40147	18.230	ng	93
10) Phenol	6.510	94	98748	20.724	ng	99
11) bis(2-Chloroethyl)ether	6.592	93	129991	37.440	ng	98
12) 1,3-Dichlorobenzene	6.804	146	132881	31.903	ng	96
13) 1,4-Dichlorobenzene	6.881	146	132665	31.793	ng	99
14) 1,2-Dichlorobenzene	7.034	146	132828	33.210	ng	98
15) Benzyl Alcohol	7.010	79	99046	32.074	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	243783	38.128	ng	91
17) 2-Methylphenol	7.122	107	88729	33.043	ng	98
18) Hexachloroethane	7.369	117	42423	30.601	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	105824	41.219	ng	99
20) 3+4-Methylphenols	7.275	107	95847	30.279	ng	# 86
22) Acetophenone	7.269	105	169294	41.403	ng	97
24) Nitrobenzene	7.445	77	141812	39.576	ng	97
25) Isophorone	7.681	82	254373	40.749	ng	100
26) 2-Nitrophenol	7.763	139	74904	42.228	ng	94
27) 2,4-Dimethylphenol	7.798	122	108988	40.994	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	160427	41.154	ng	97
29) 2,4-Dichlorophenol	8.004	162	100562	32.818	ng	97
30) 1,2,4-Trichlorobenzene	8.086	180	95042	30.205	ng	98
31) Naphthalene	8.169	128	345459	38.101	ng	100
32) Benzoic acid	8.110	122	80415	41.263	ng	91
33) 4-Chloroaniline	8.222	127	22650	6.849	ng	99
34) Hexachlorobutadiene	8.281	225	79691	33.605	ng	99
35) Caprolactam	8.663	113	16274m	19.385	ng	
36) 4-Chloro-3-methylphenol	8.698	107	91325	33.255	ng	98
37) 2-Methylnaphthalene	8.857	142	215704	35.582	ng	100
38) 1-Methylnaphthalene	8.957	142	219134	37.463	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	131015	40.299	ng	99
41) Hexachlorocyclopentadiene	9.010	237	49582	47.285	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	75070	33.927	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144353.D
 Acq On : 25 Nov 2025 16:45
 Operator : RC/JU
 Sample : Q3700-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Quant Time: Nov 25 17:19:01 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Nov 05 18:37:33 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.186	196	90124	37.791	ng	98	
46) 1,1'-Biphenyl	9.322	154	285814	41.277	ng	98	
47) 2-Chloronaphthalene	9.345	162	239366	40.526	ng	99	
48) 2-Nitroaniline	9.445	65	71833	42.150	ng	97	
49) Acenaphthylene	9.763	152	375819	46.691	ng	99	
50) Dimethylphthalate	9.622	163	272662	41.491	ng	100	
51) 2,6-Dinitrotoluene	9.686	165	58178	43.732	ng	95	
52) Acenaphthene	9.933	154	198999	36.972	ng	99	
53) 3-Nitroaniline	9.857	138	19864	13.659	ng	99	
54) 2,4-Dinitrophenol	9.975	184	63964	79.625	ng	90	
55) Dibenzofuran	10.110	168	283777	37.644	ng	99	
56) 4-Nitrophenol	10.033	139	39630	37.673	ng	97	
57) 2,4-Dinitrotoluene	10.092	165	74835	42.021	ng	#	95
58) Fluorene	10.457	166	229009	39.956	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.233	232	44324	26.270	ng	#	93
60) Diethylphthalate	10.328	149	238633	39.391	ng	99	
61) 4-Chlorophenyl-phenyle...	10.445	204	123983	37.976	ng	98	
62) 4-Nitroaniline	10.475	138	37171	26.840	ng	96	
63) Azobenzene	10.604	77	240425	42.643	ng	96	
65) 4,6-Dinitro-2-methylph...	10.510	198	41431	39.097	ng	93	
66) n-Nitrosodiphenylamine	10.563	169	223535	44.555	ng	98	
67) 4-Bromophenyl-phenylether	10.933	248	79142	39.748	ng	95	
68) Hexachlorobenzene	11.004	284	97105	41.405	ng	95	
69) Atrazine	11.104	200	15114	9.473	ng	92	
70) Pentachlorophenol	11.210	266	105053	89.955	ng	98	
71) Phenanthrene	11.422	178	329105	42.375	ng	100	
72) Anthracene	11.475	178	341408	43.231	ng	100	
73) Carbazole	11.627	167	287923	42.875	ng	99	
74) Di-n-butylphthalate	11.951	149	232800	28.677	ng	100	
75) Fluoranthene	12.610	202	327220	40.786	ng	99	
77) Benzidine	12.739	184	59222	15.350	ng	#	1
78) Pyrene	12.845	202	360652	34.293	ng	99	
80) Butylbenzylphthalate	13.457	149	152695	41.892	ng	97	
81) Benzo(a)anthracene	14.033	228	382904	42.356	ng	99	
82) 3,3'-Dichlorobenzidine	13.992	252	58160	18.769	ng	#	94
83) Chrysene	14.068	228	351228	42.088	ng	97	
84) Bis(2-ethylhexyl)phtha...	14.010	149	224203	44.933	ng	98	
85) Di-n-octyl phthalate	14.627	149	404704	47.009	ng	97	
87) Indeno(1,2,3-cd)pyrene	17.027	276	501862	40.541	ng	98	
88) Benzo(b)fluoranthene	15.092	252	424646	43.313	ng	100	
89) Benzo(k)fluoranthene	15.115	252	375509	40.920	ng	99	
90) Benzo(a)pyrene	15.463	252	379258	41.932	ng	97	
91) Dibenzo(a,h)anthracene	17.039	278	399195	40.154	ng	98	
92) Benzo(g,h,i)perylene	17.480	276	413399	42.108	ng	99	

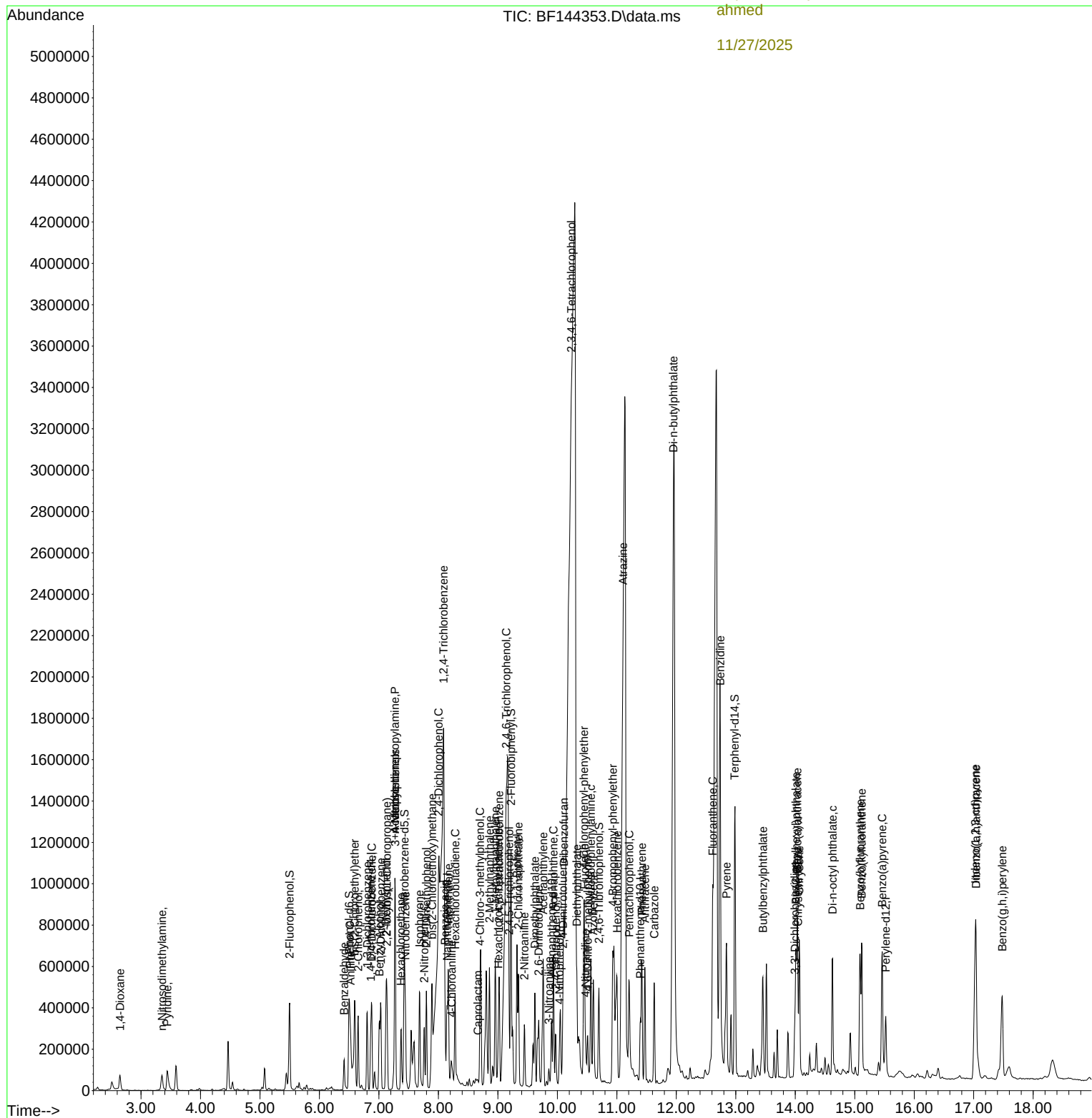
(#) = qualifier out of range (m) = manual integration (+) = signals summed

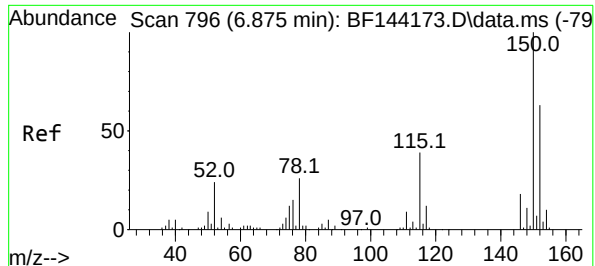
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Manual Integrations APPROVED

11/26/2025
Supervised By :mohammad
ahmed

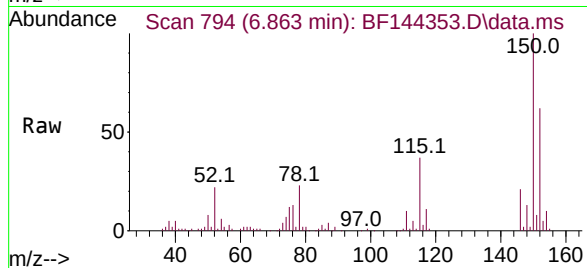
11/27/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



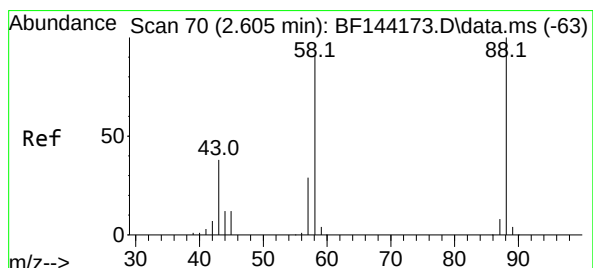
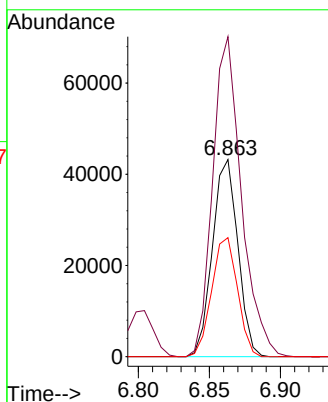
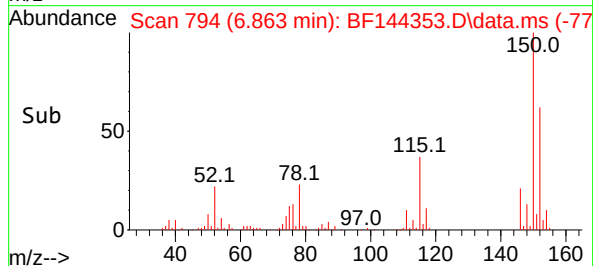
Tgt Ion:152 Resp: 5386
Ion Ratio Lower Upper
152 100
150 162.4 127.4 191.0
115 60.3 49.5 74.3

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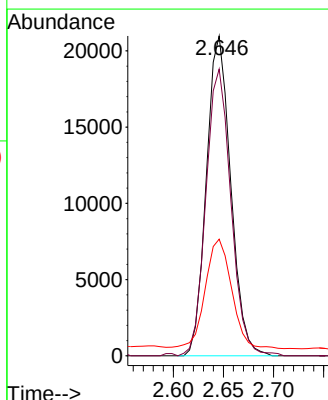
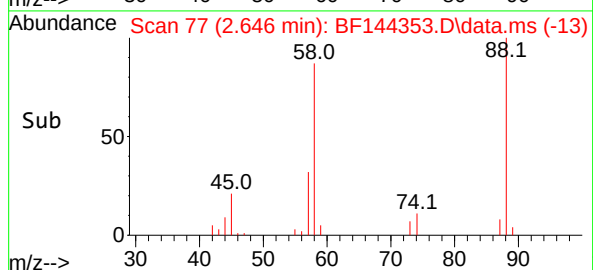
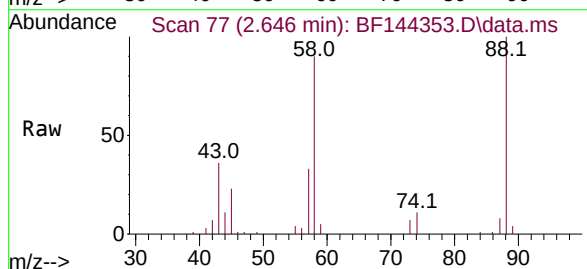
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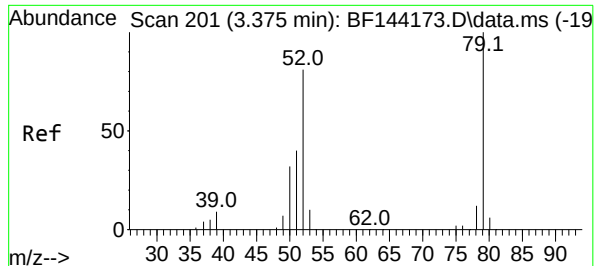
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#2
1,4-Dioxane
Concen: 24.867 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.029 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 88 Resp: 35385
Ion Ratio Lower Upper
88 100
58 92.7 73.1 109.7
43 37.4 31.0 46.6





#3
Pyridine
Concen: 19.311 ng
RT: 3.440 min Scan# 211
Delta R.T. 0.029 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

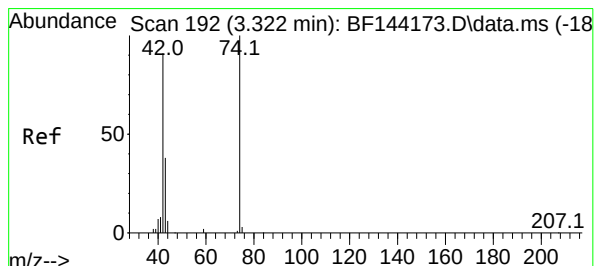
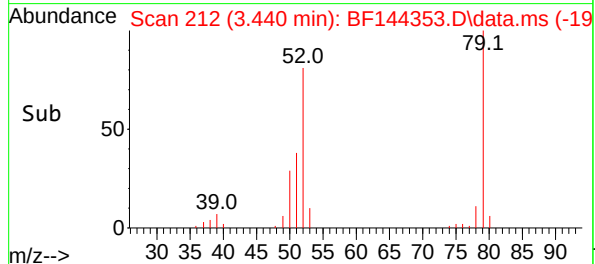
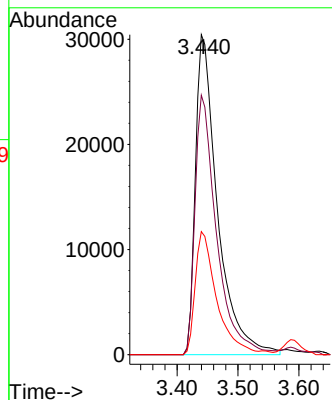
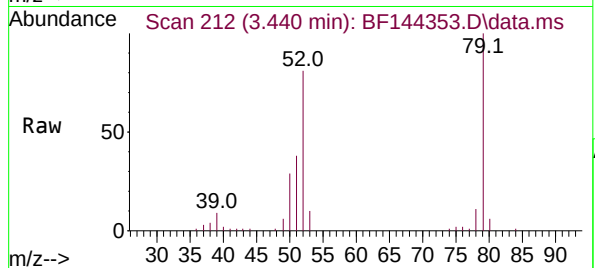
Tgt Ion: 79 Resp: 7666
Ion Ratio Lower Upper
79 100
52 81.1 64.5 96.7
51 38.4 31.7 47.5

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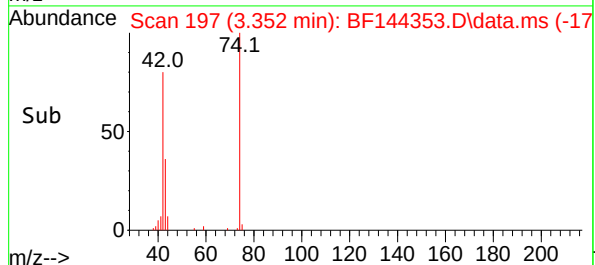
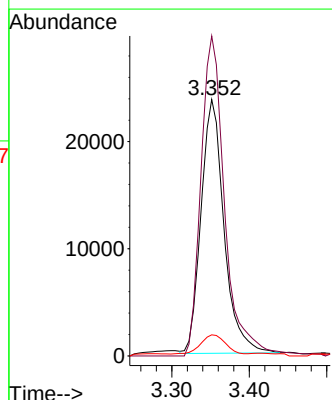
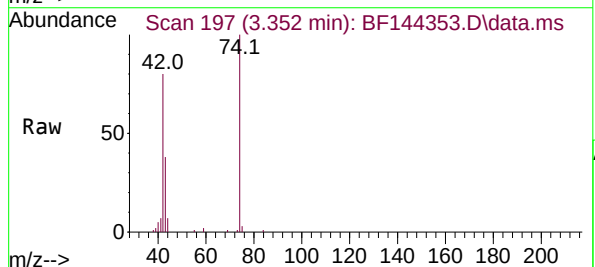
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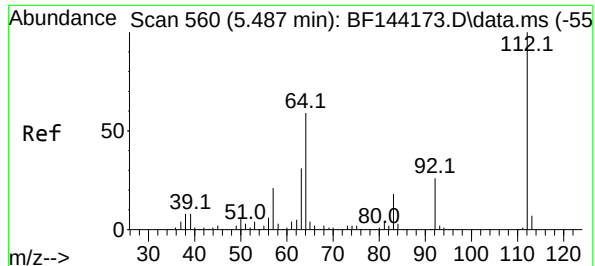
11/27/2025



#4
n-Nitrosodimethylamine
Concen: 23.557 ng
RT: 3.352 min Scan# 197
Delta R.T. 0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 42 Resp: 48849
Ion Ratio Lower Upper
42 100
74 124.8 88.2 132.4
44 8.2 5.7 8.5





#5
2-Fluorophenol
Concen: 56.493 ng
RT: 5.498 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

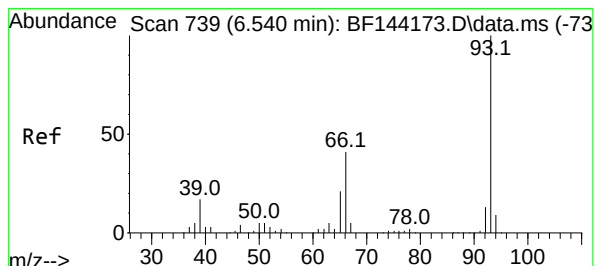
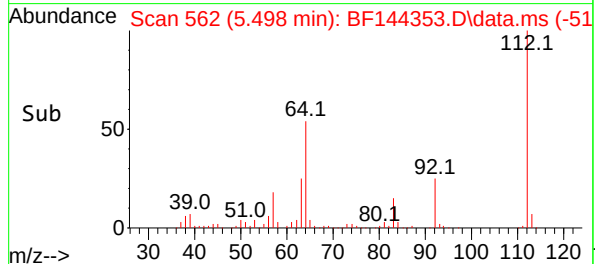
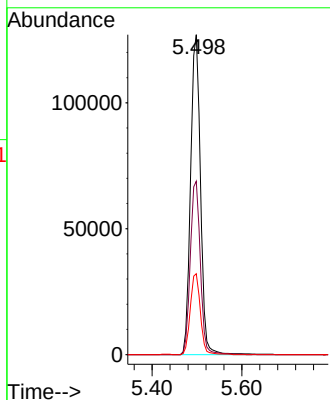
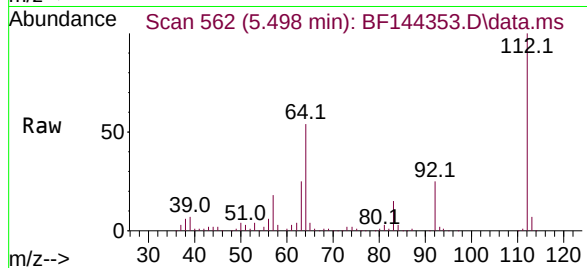
Tgt Ion:112 Resp: 194442
Ion Ratio Lower Upper
112 100
64 54.2 47.2 70.8
63 25.3 24.4 36.6

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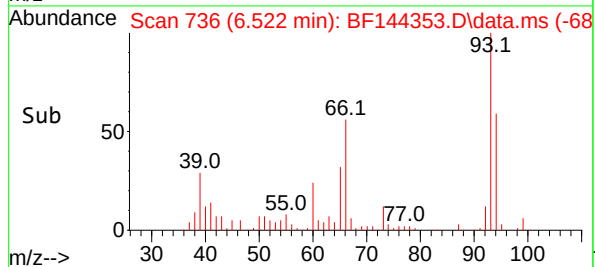
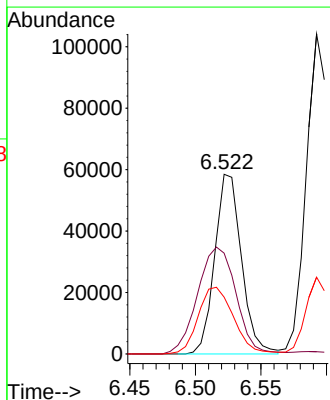
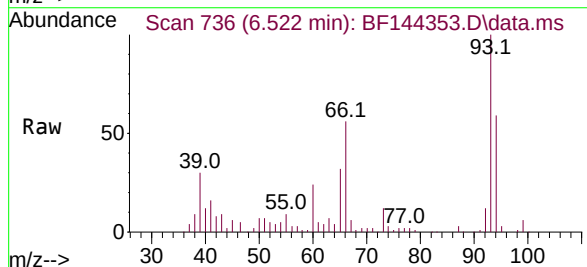
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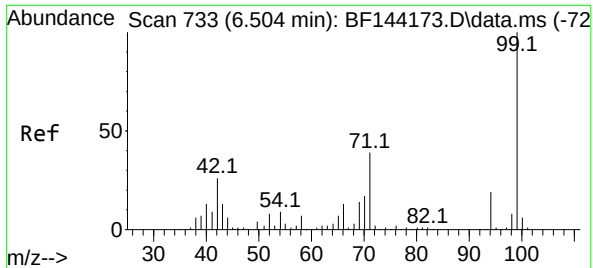
11/27/2025



#6
Aniline
Concen: 14.978 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 93 Resp: 83223
Ion Ratio Lower Upper
93 100
66 56.1 34.3 51.5#
65 31.6 16.9 25.3#





#7

Phenol-d6

Concen: 40.864 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 99 Resp: 15936

Ion Ratio Lower Upper

99 100

42 22.3 20.9 31.3

71 32.2 31.4 47.2

Manual Integrations

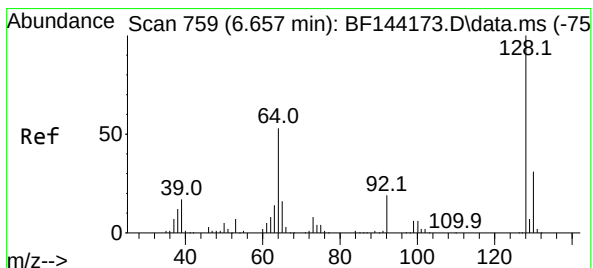
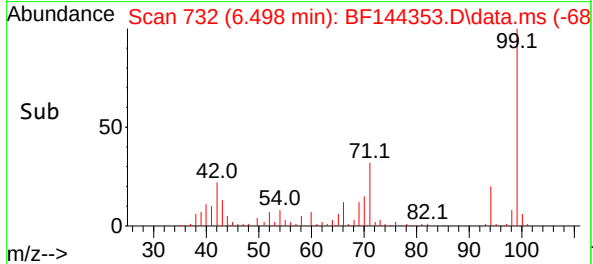
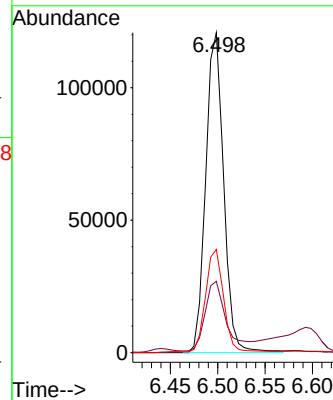
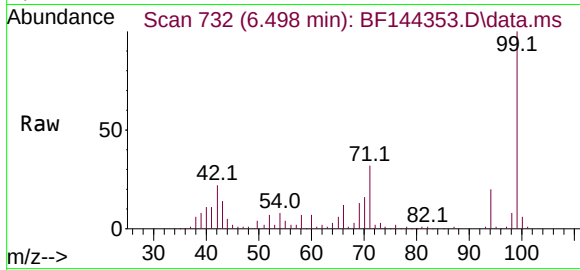
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#8

2-Chlorophenol

Concen: 34.493 ng

RT: 6.651 min Scan# 758

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

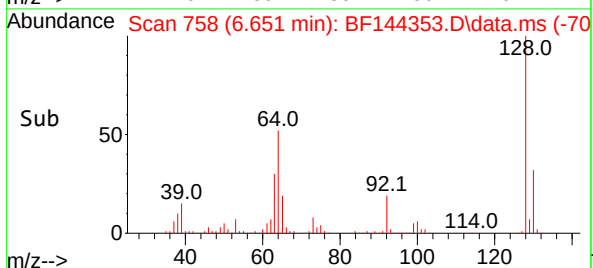
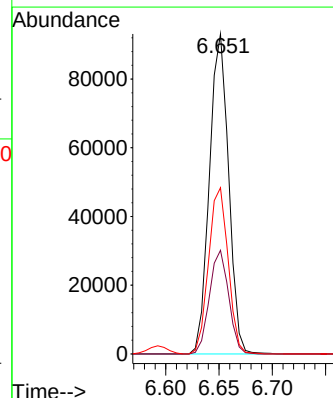
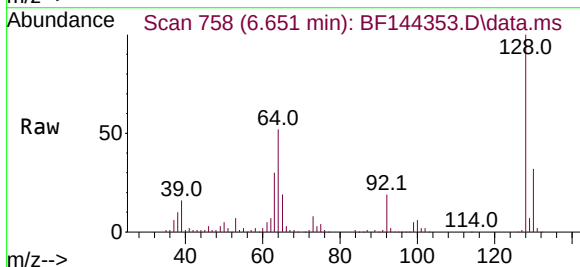
Tgt Ion:128 Resp: 116427

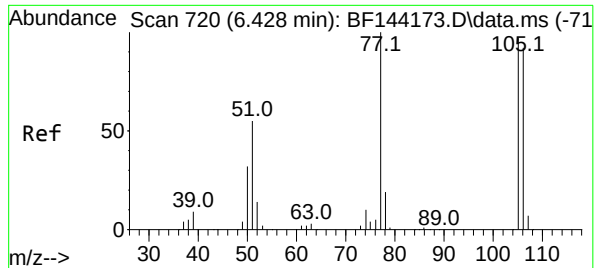
Ion Ratio Lower Upper

128 100

130 32.4 10.5 50.5

64 51.9 33.2 73.2





#9

Benzaldehyde

Concen: 18.230 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 77 Resp: 4014

Ion Ratio Lower Upper

77 100

105 104.5 77.2 117.2

106 99.1 72.2 112.2

Manual Integrations

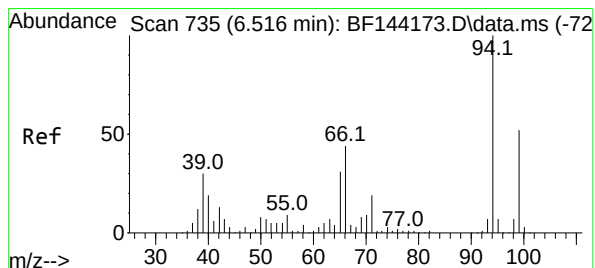
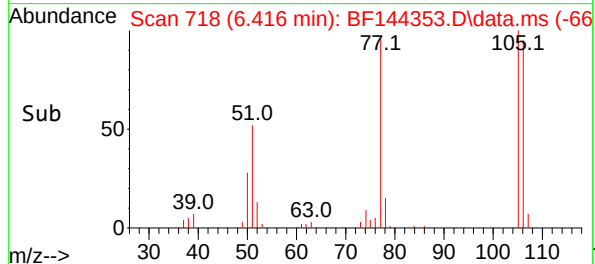
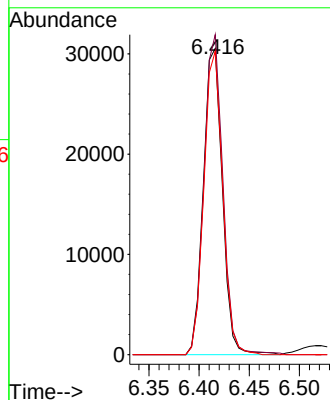
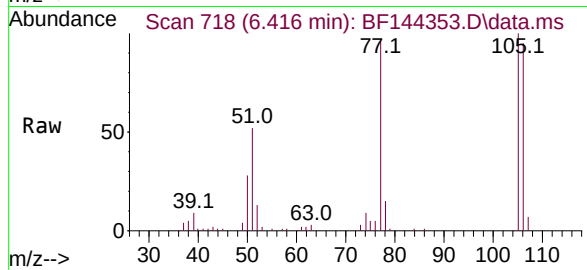
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ahmed

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#10

Phenol

Concen: 20.724 ng

RT: 6.510 min Scan# 734

Delta R.T. -0.000 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

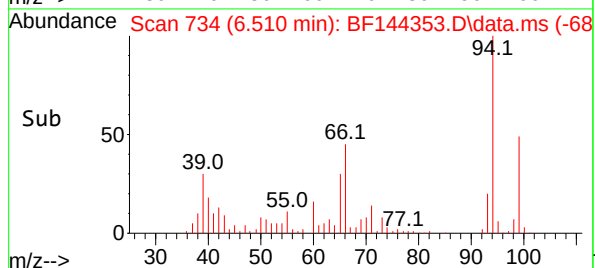
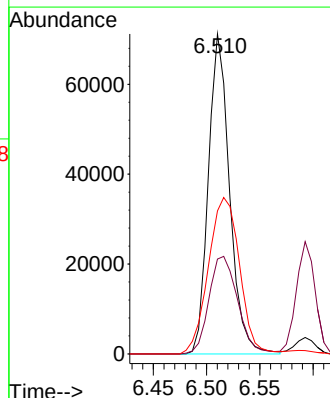
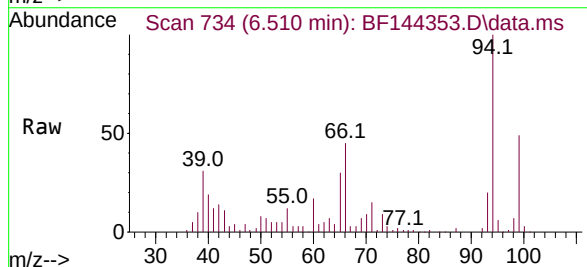
Tgt Ion: 94 Resp: 98748

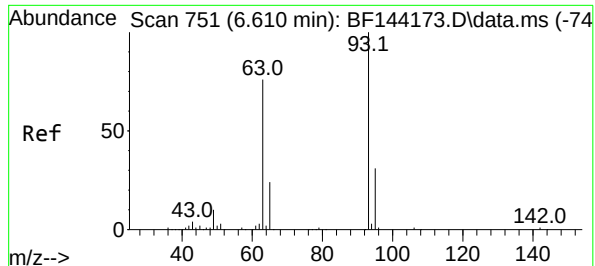
Ion Ratio Lower Upper

94 100

65 29.6 10.8 50.8

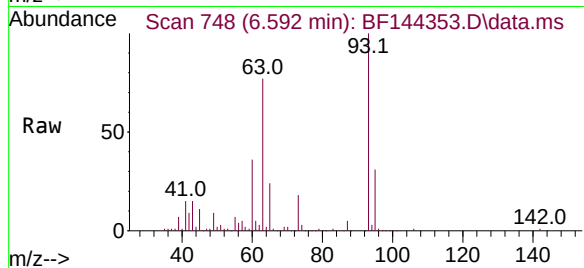
66 44.7 24.3 64.3





#11
bis(2-Chloroethyl)ether
Concen: 37.440 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



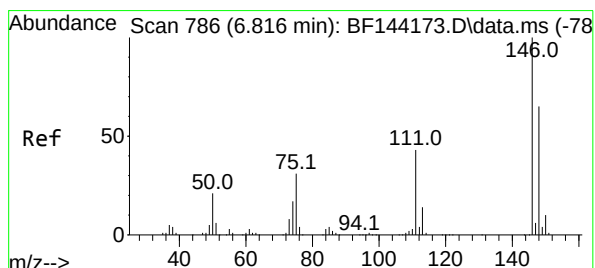
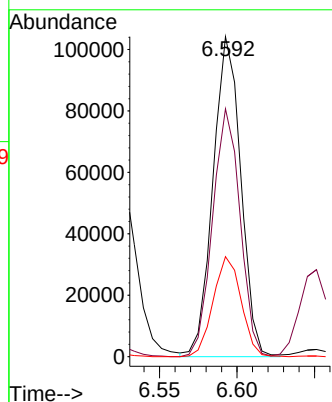
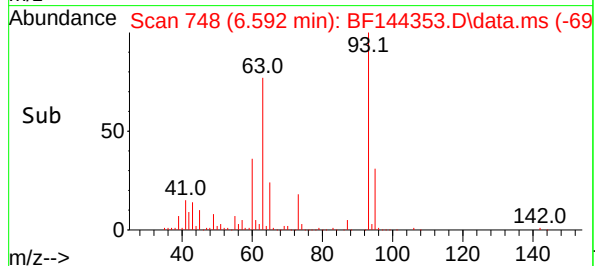
Tgt Ion: 93 Resp: 129991
Ion Ratio Lower Upper
93 100
63 77.4 55.2 95.2
95 31.3 11.2 51.2

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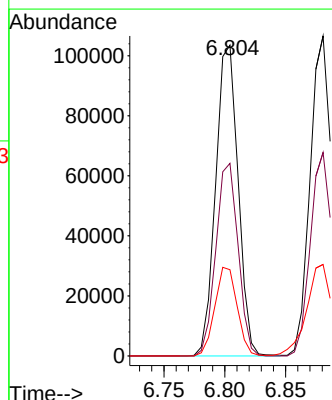
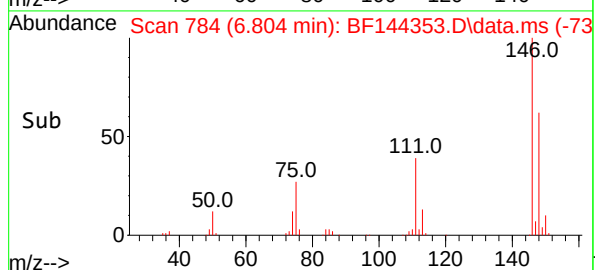
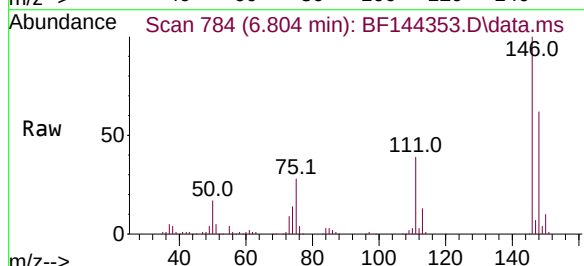
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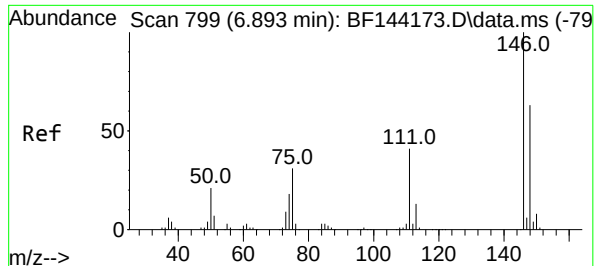
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#12
1,3-Dichlorobenzene
Concen: 31.903 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:146 Resp: 132881
Ion Ratio Lower Upper
146 100
148 62.0 51.8 77.8
75 27.7 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 31.793 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:146 Resp: 13266

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

111 40.0 32.6 48.8

Manual Integrations

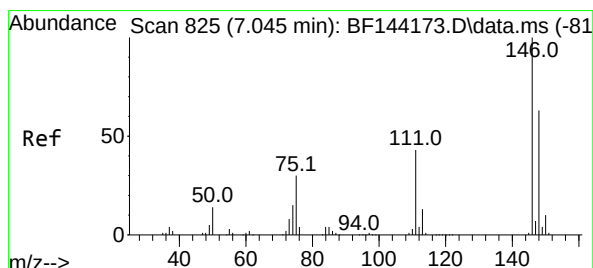
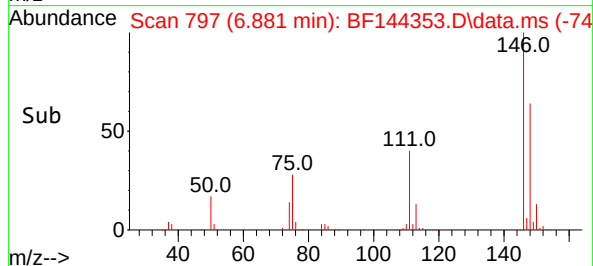
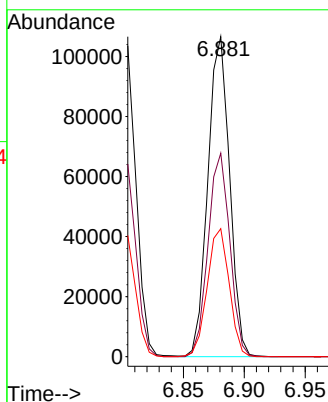
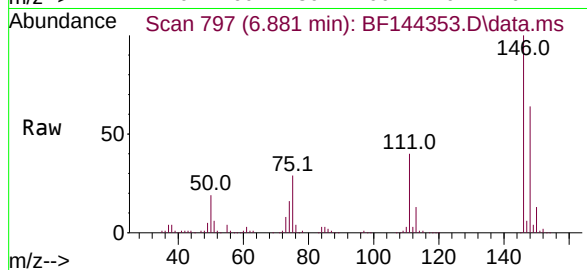
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#14

1,2-Dichlorobenzene

Concen: 33.210 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

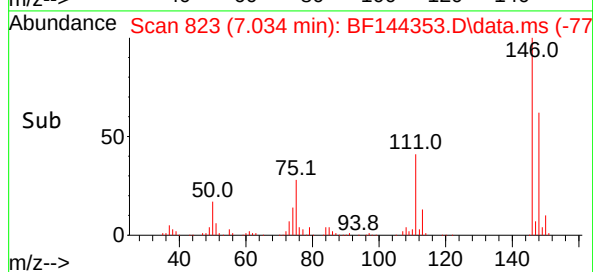
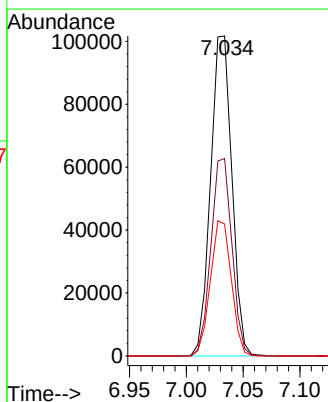
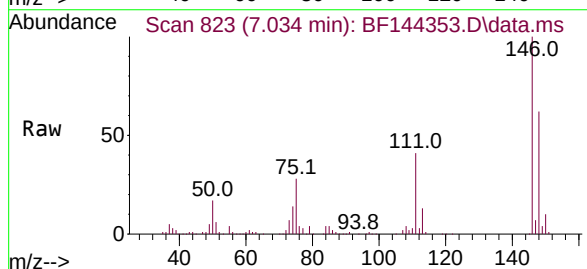
Tgt Ion:146 Resp: 132828

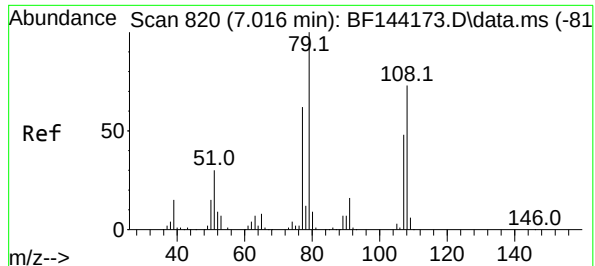
Ion Ratio Lower Upper

146 100

148 61.7 50.7 76.1

111 41.3 34.2 51.4





#15

Benzyl Alcohol

Concen: 32.074 ng

RT: 7.010 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 79 Resp: 99046

Ion Ratio Lower Upper

79 100

108 79.8 58.2 87.4

77 62.1 49.9 74.9

Manual Integrations

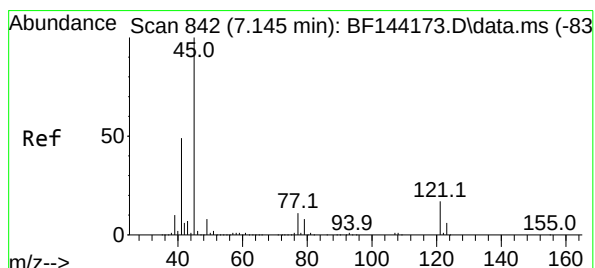
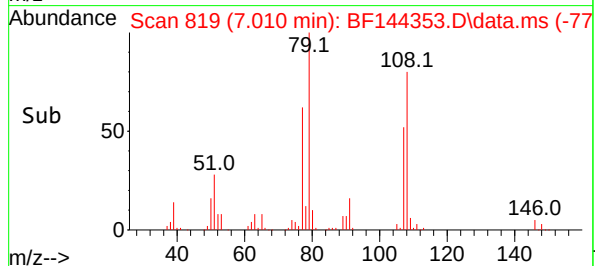
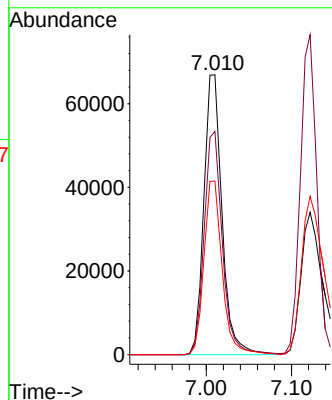
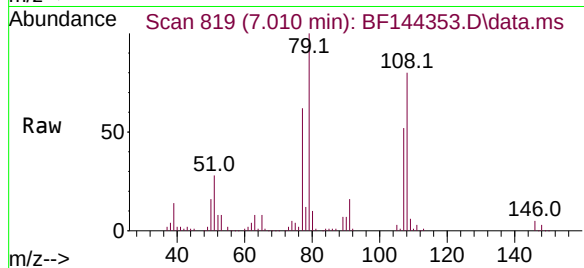
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ahmed

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.128 ng

RT: 7.134 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

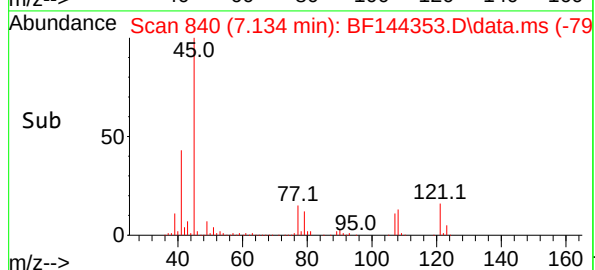
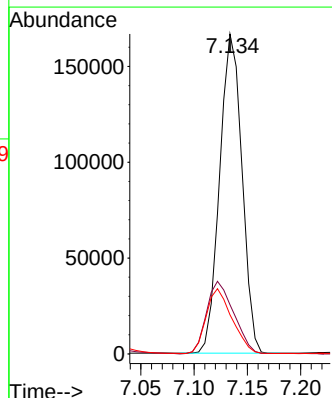
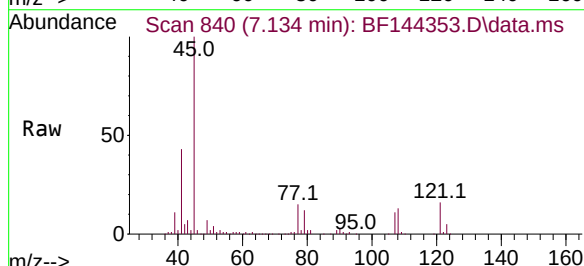
Tgt Ion: 45 Resp: 243783

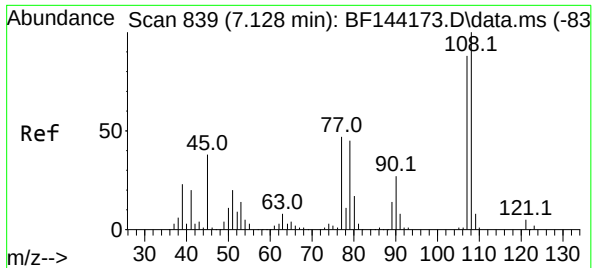
Ion Ratio Lower Upper

45 100

77 15.4 0.0 31.8

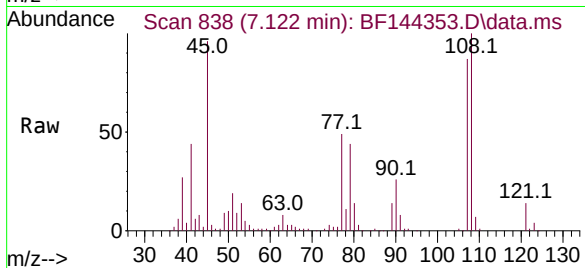
79 12.2 0.0 29.1





#17
2-Methylphenol
Concen: 33.043 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



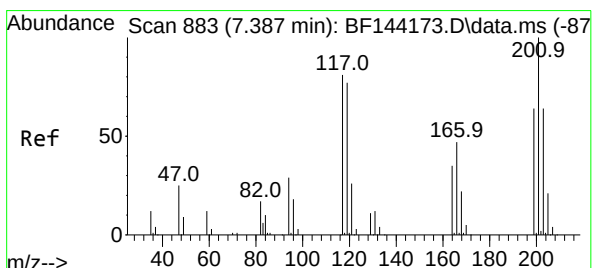
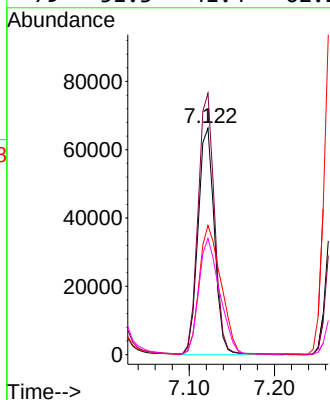
Tgt Ion:107 Resp: 88729
Ion Ratio Lower Upper
107 100
108 115.4 91.0 136.4
77 57.1 42.7 64.1
79 51.3 41.4 62.2

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

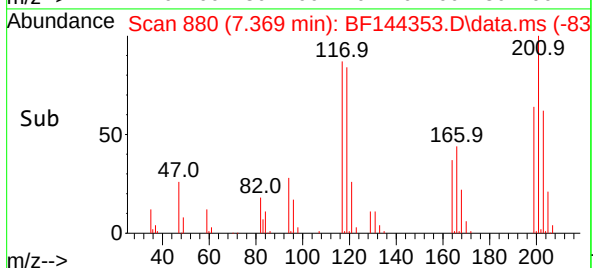
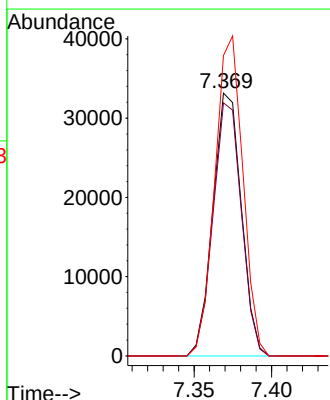
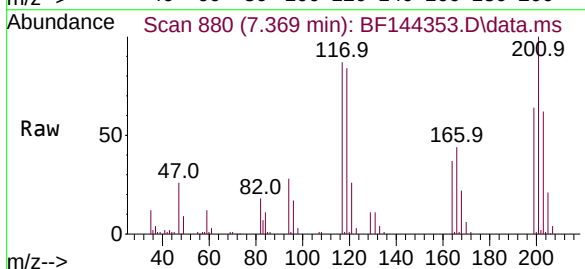
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ahmed

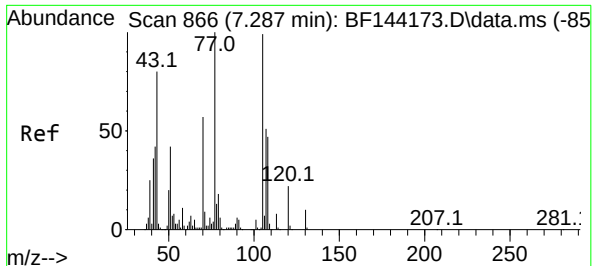
11/27/2025



#18
Hexachloroethane
Concen: 30.601 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:117 Resp: 42423
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8
201 114.3 98.9 148.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.219 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 70 Resp: 105824

Ion Ratio Lower Upper

70 100

42 73.7 58.3 87.5

101 9.1 7.0 10.6

130 16.3 14.4 21.6

Manual Integrations

APPROVED

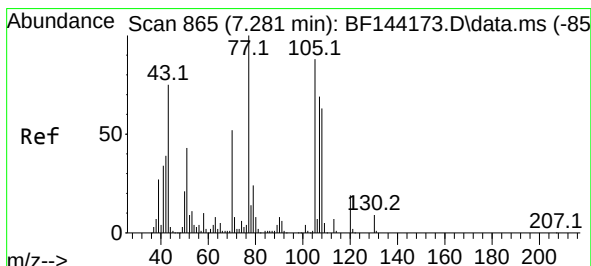
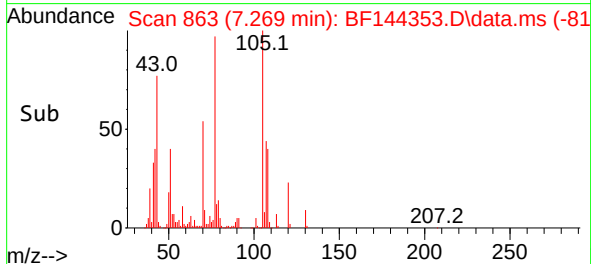
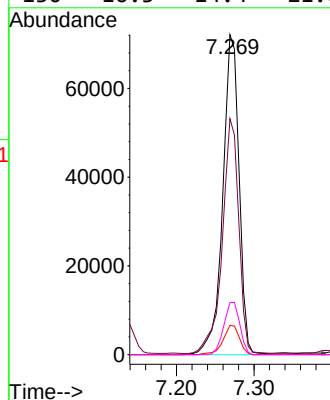
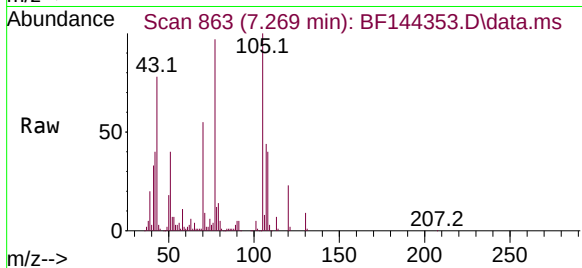
Reviewed By :Jagrut Upadhyay 11/26/2025

Supervised By :mohammad ahmed 11/27/2025

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Supervised By :mohammad
ahmed

11/27/2025



#20

3+4-Methylphenols

Concen: 30.279 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Tgt Ion:107 Resp: 95847

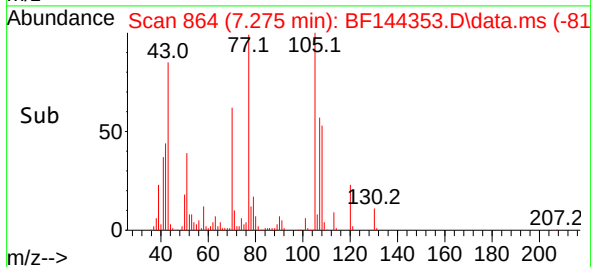
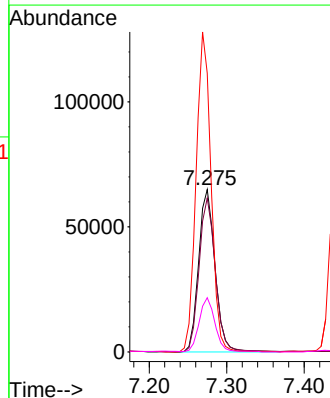
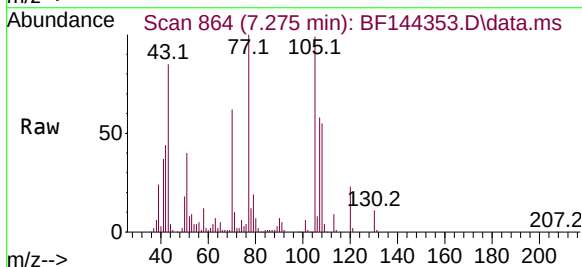
Ion Ratio Lower Upper

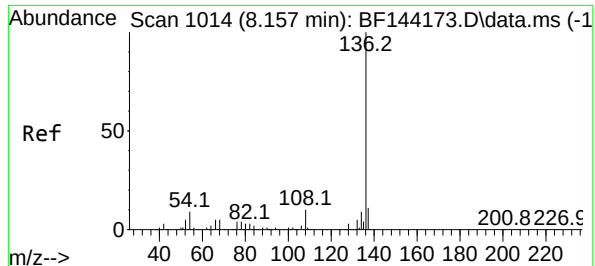
107 100

108 94.8 70.2 110.2

77 171.6 123.9 163.9#

79 33.4 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:136 Resp: 19060

Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 8.7 7.0 10.6

68 5.9 4.3 6.5

Manual Integrations

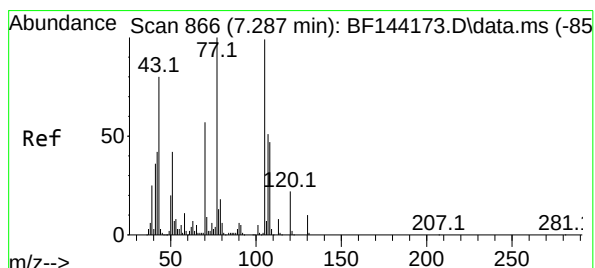
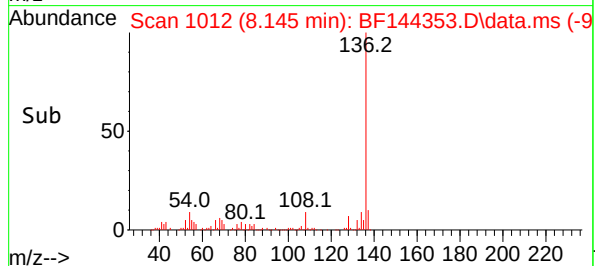
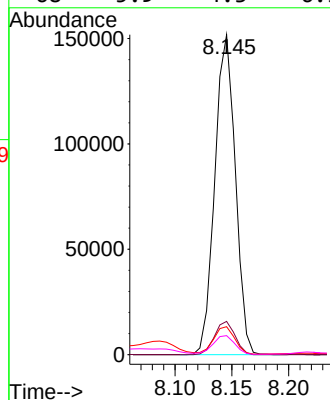
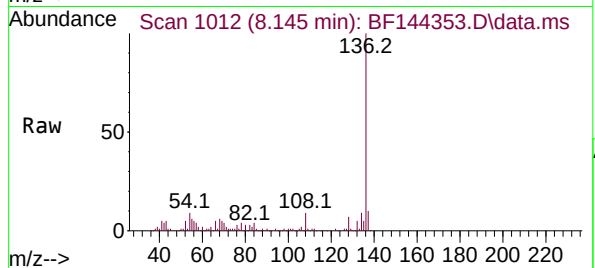
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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Supervised By :mohammad
ahmed

11/27/2025



#22

Acetophenone

Concen: 41.403 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Tgt Ion:105 Resp: 169294

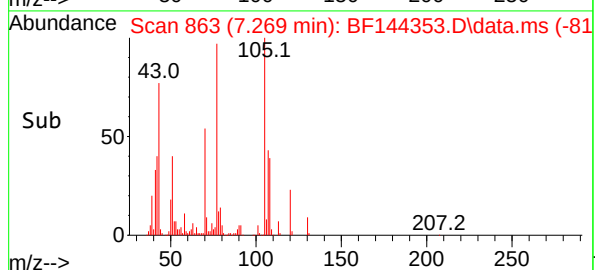
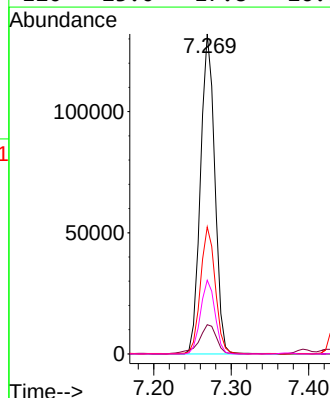
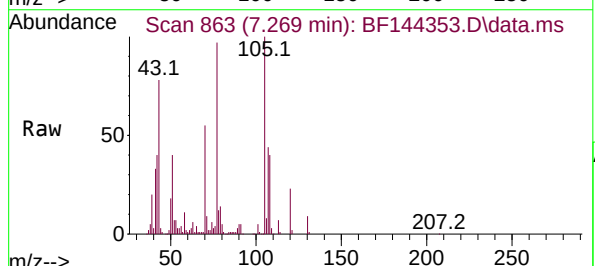
Ion Ratio Lower Upper

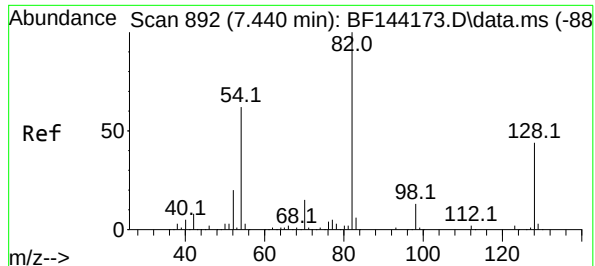
105 100

71 9.1 7.2 10.8

51 39.7 34.0 51.0

120 23.0 17.8 26.6





#23

Nitrobenzene-d5

Concen: 83.979 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 82 Resp: 277154

Ion Ratio Lower Upper

82 100

128 45.8 34.7 52.1

54 61.1 49.5 74.3

Manual Integrations

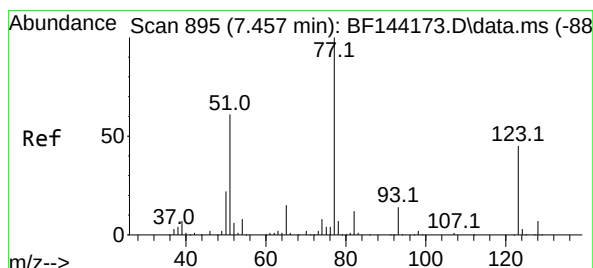
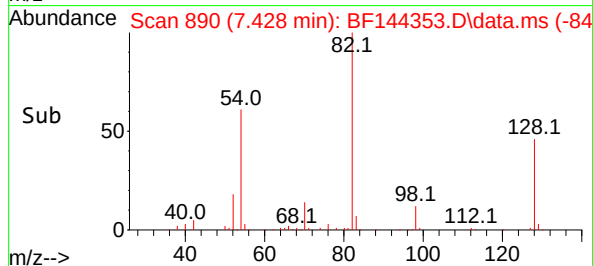
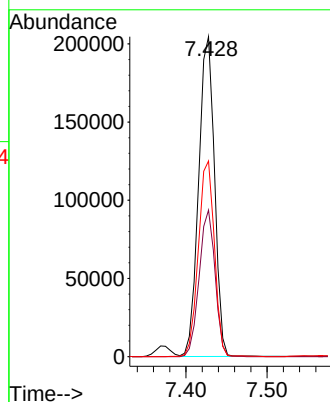
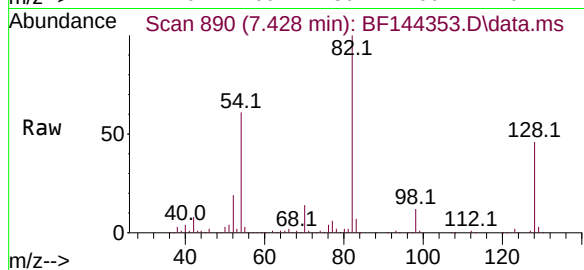
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Supervised By :mohammad
ahmed

11/27/2025



#24

Nitrobenzene

Concen: 39.576 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

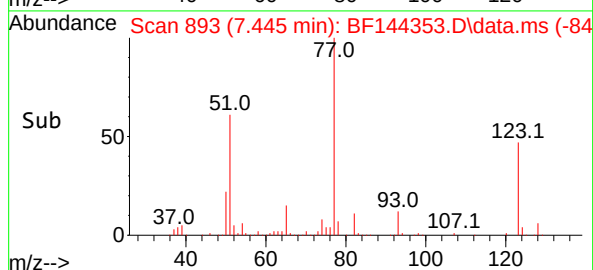
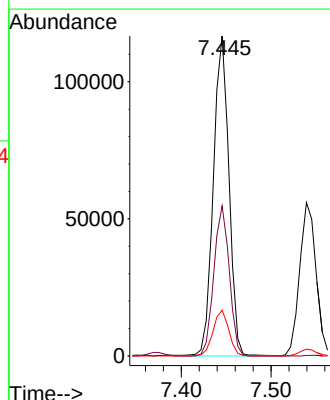
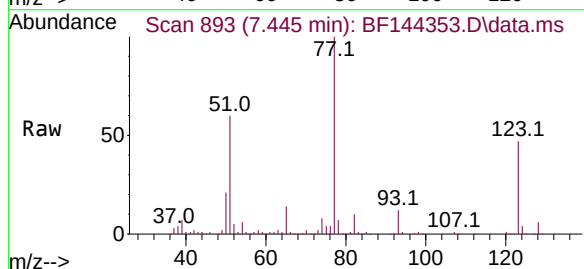
Tgt Ion: 77 Resp: 141812

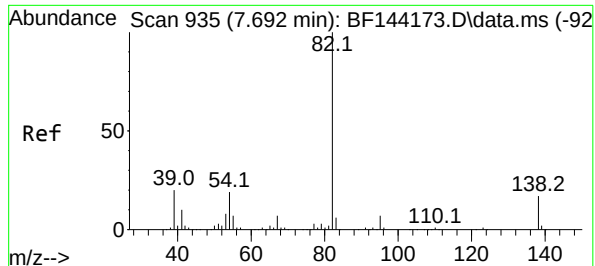
Ion Ratio Lower Upper

77 100

123 46.9 35.8 53.8

65 14.3 12.2 18.2





#25

Isophorone

Concen: 40.749 ng

RT: 7.681 min Scan# 933

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion: 82 Resp: 254373

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

138 17.0 13.7 20.5

Manual Integrations

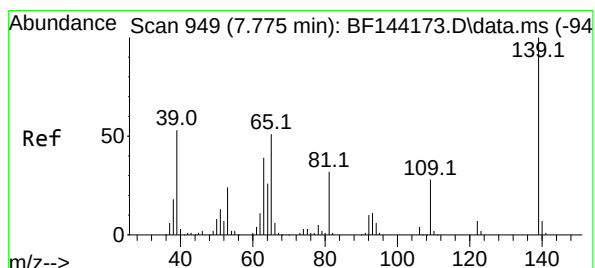
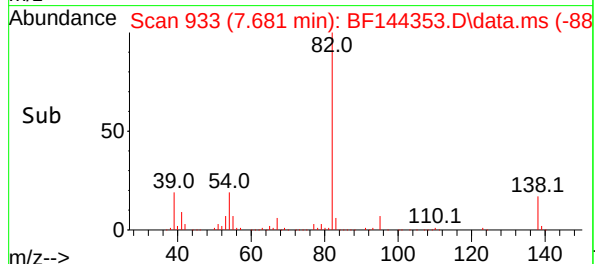
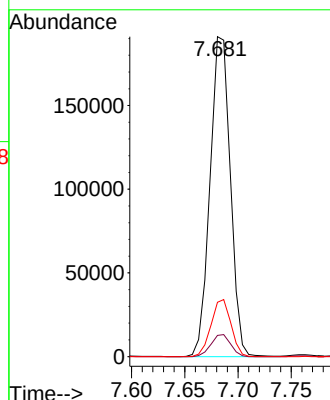
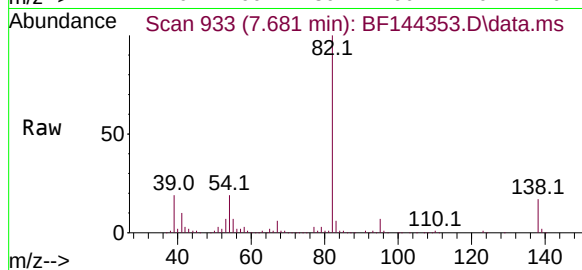
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Supervised By :mohammad
ahmed

11/27/2025



#26

2-Nitrophenol

Concen: 42.228 ng

RT: 7.763 min Scan# 947

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

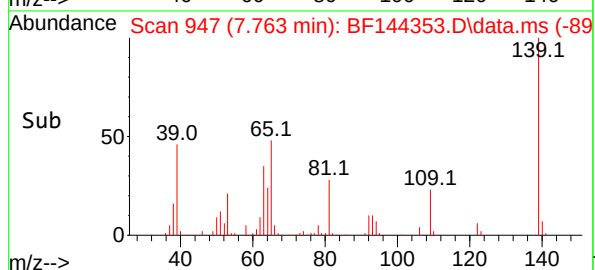
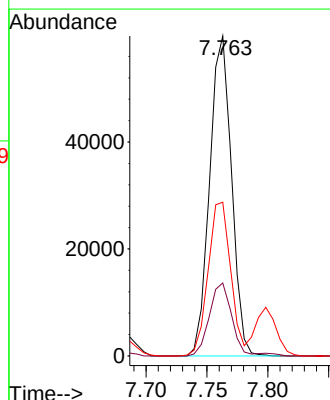
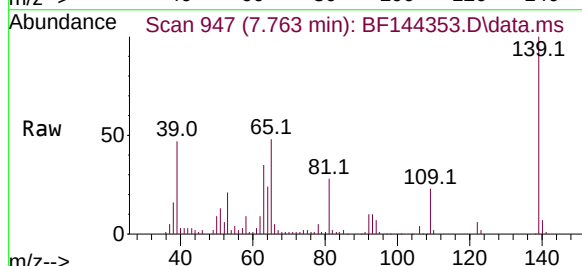
Tgt Ion:139 Resp: 74904

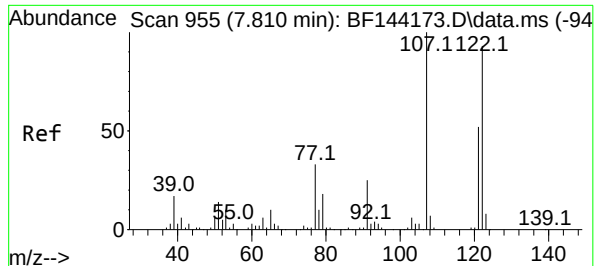
Ion Ratio Lower Upper

139 100

109 22.8 22.2 33.2

65 48.0 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 40.994 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:122 Resp: 108988

Ion Ratio Lower Upper

122 100

107 111.3 86.2 129.4

121 56.4 44.6 66.8

Manual Integrations

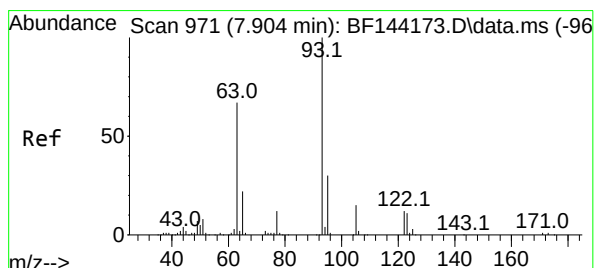
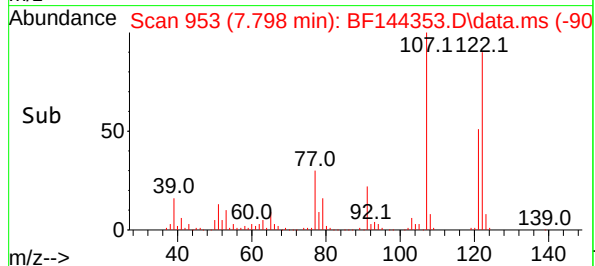
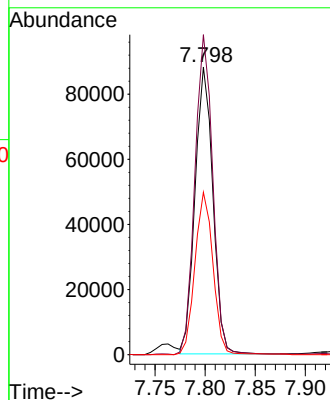
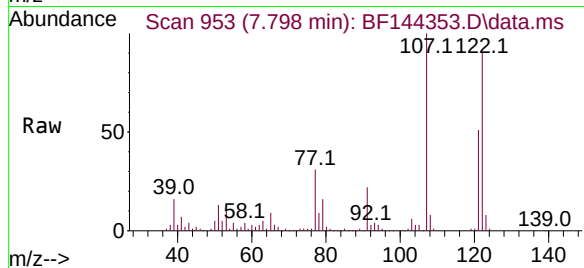
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Supervised By :mohammad
ahmed

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#28

bis(2-Chloroethoxy)methane

Concen: 41.154 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

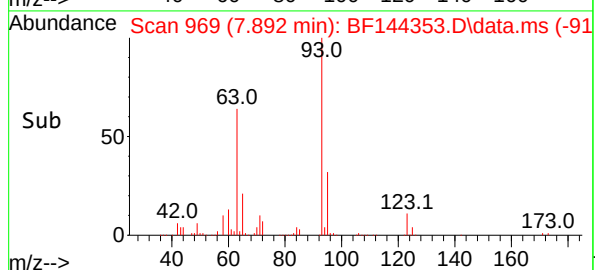
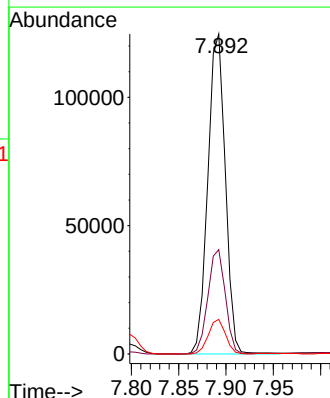
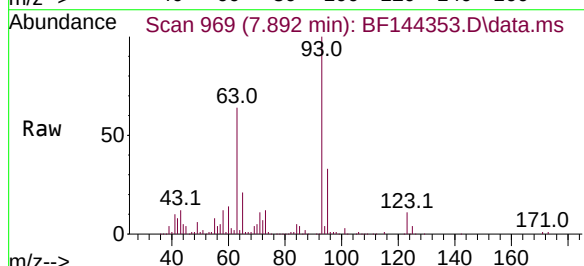
Tgt Ion: 93 Resp: 160427

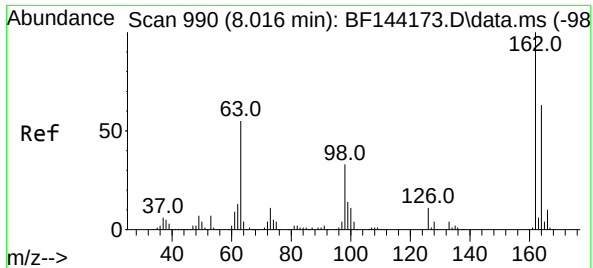
Ion Ratio Lower Upper

93 100

95 32.6 24.2 36.4

123 10.8 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 32.818 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:162 Resp: 100562

Ion Ratio Lower Upper

162 100

164 62.3 42.9 82.9

98 37.2 13.3 53.3

Manual Integrations

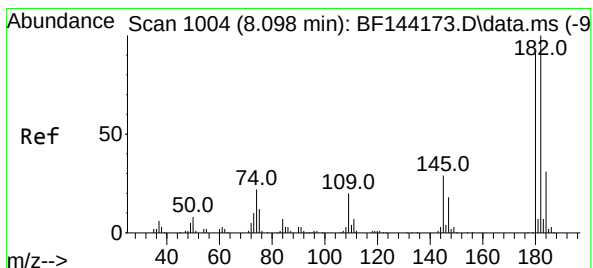
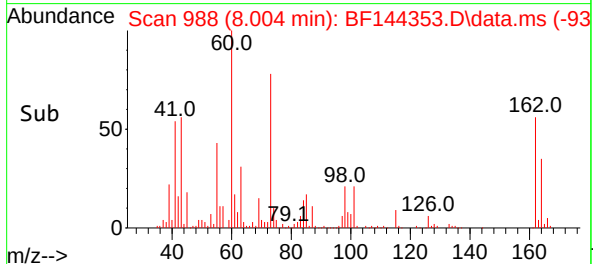
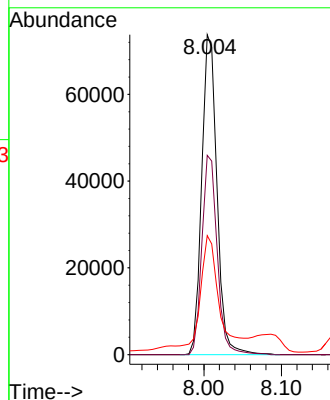
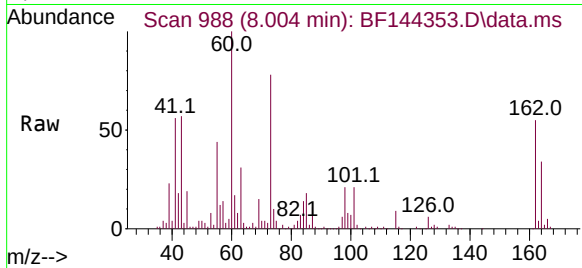
APPROVED

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ahmed

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#30

1,2,4-Trichlorobenzene

Concen: 30.205 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

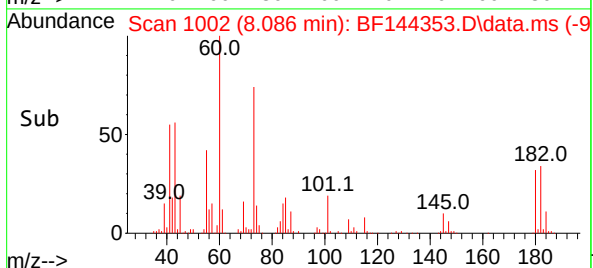
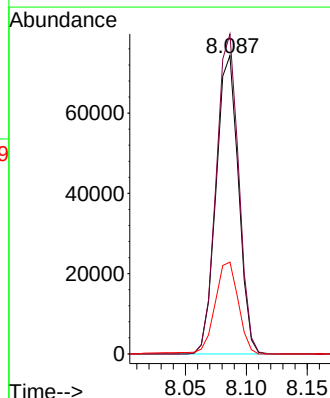
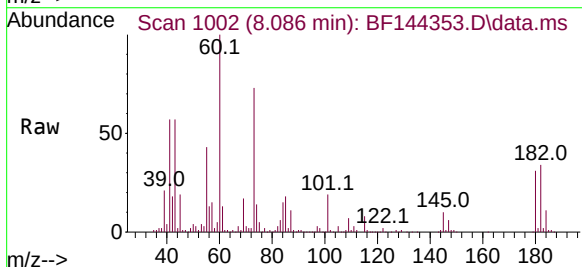
Tgt Ion:180 Resp: 95042

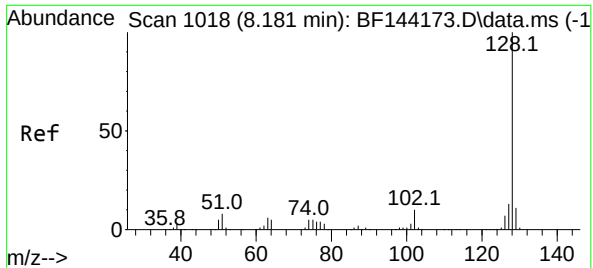
Ion Ratio Lower Upper

180 100

182 107.2 87.7 131.5

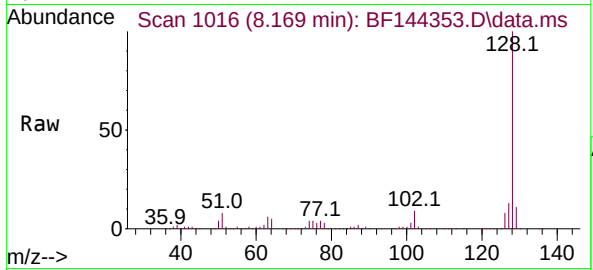
145 30.7 25.4 38.0





#31
Naphthalene
Concen: 38.101 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



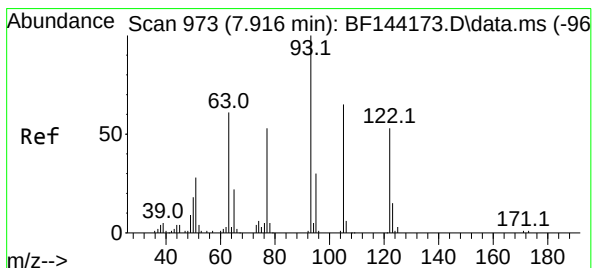
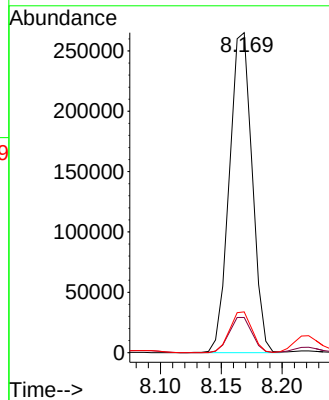
Tgt Ion:128 Resp: 345459
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.7 10.3 15.5

Manual Integrations
APPROVED

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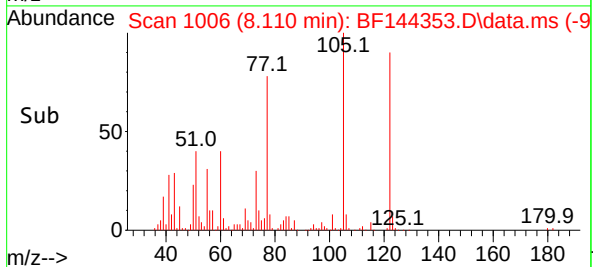
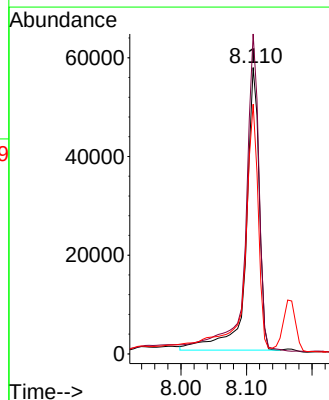
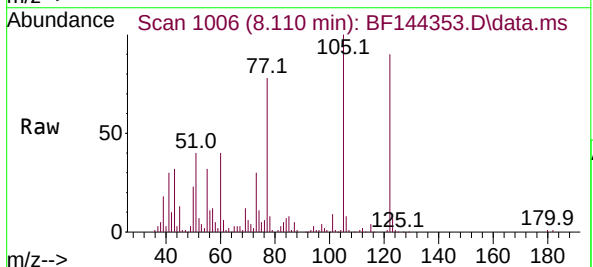
11/26/2025
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ahmed

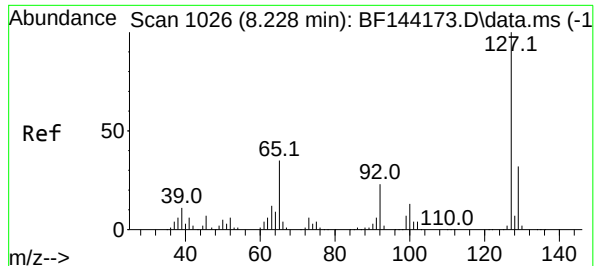
11/27/2025



#32
Benzoic acid
Concen: 41.263 ng
RT: 8.110 min Scan# 1006
Delta R.T. 0.159 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:122 Resp: 80415
Ion Ratio Lower Upper
122 100
105 111.7 99.9 139.9
77 87.2 77.5 117.5





#33

4-Chloroaniline

Concen: 6.849 ng

RT: 8.222 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:127 Resp: 22650

Ion Ratio Lower Upper

127 100

129 32.1 25.3 37.9

65 35.7 27.6 41.4

92 22.6 18.4 27.6

Manual Integrations

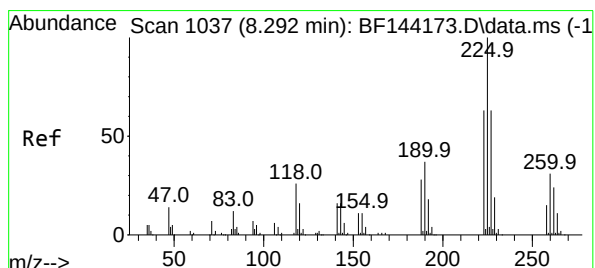
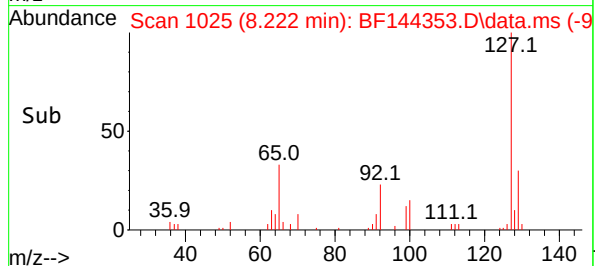
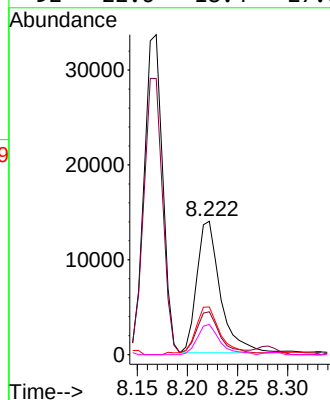
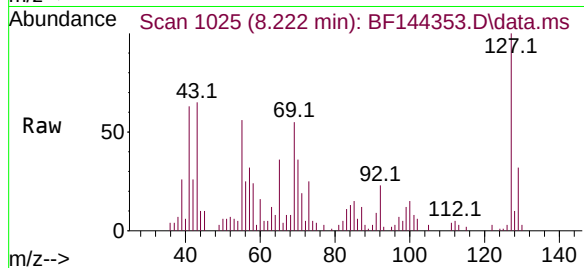
APPROVED

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Supervised By :mohammad ahmed 11/27/2025

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ahmed

11/27/2025



#34

Hexachlorobutadiene

Concen: 33.605 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

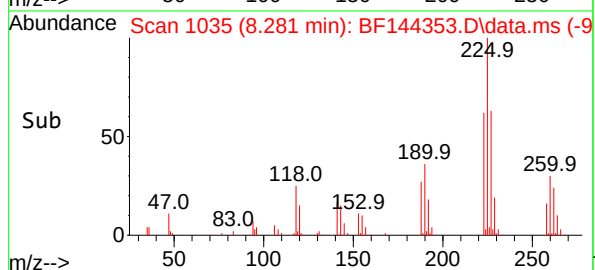
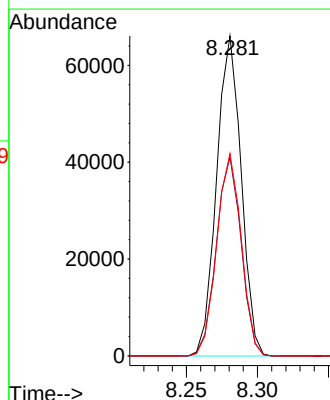
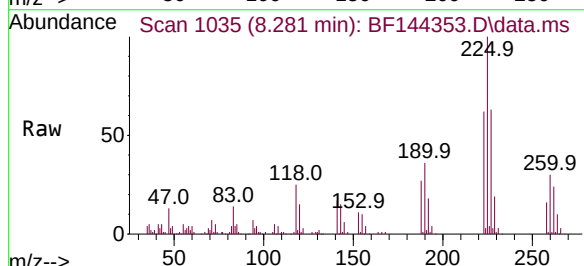
Tgt Ion:225 Resp: 79691

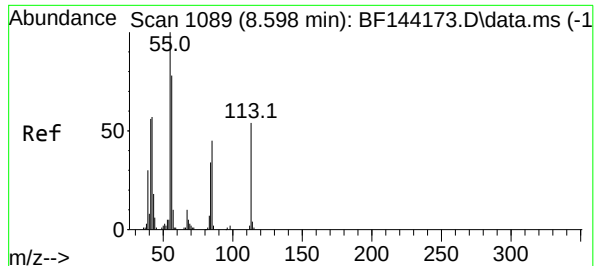
Ion Ratio Lower Upper

225 100

223 62.1 50.2 75.4

227 63.2 50.1 75.1





#35

Caprolactam

Concen: 19.385 ng m

RT: 8.663 min Scan# 1100

Delta R.T. 0.041 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:113 Resp: 16274

Ion Ratio Lower Upper

113 100

55 193.4 166.8 206.8

56 132.3 125.9 165.9

Manual Integrations

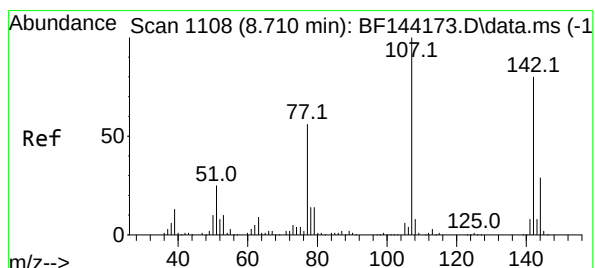
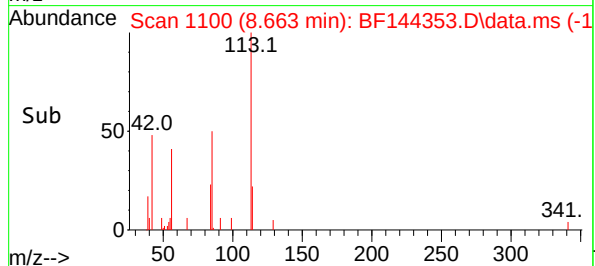
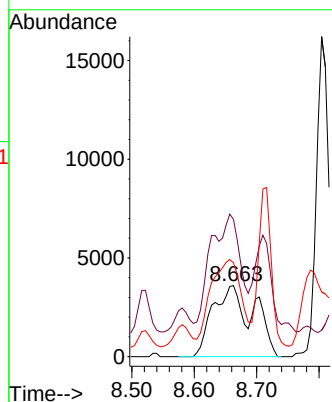
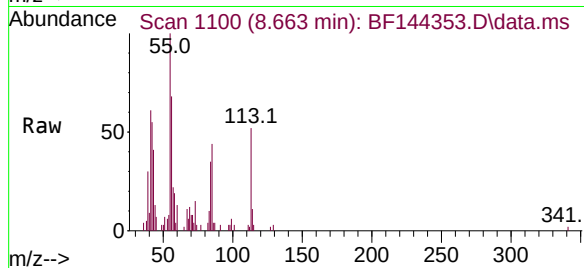
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
ahmed

11/27/2025



#36

4-Chloro-3-methylphenol

Concen: 33.255 ng

RT: 8.698 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

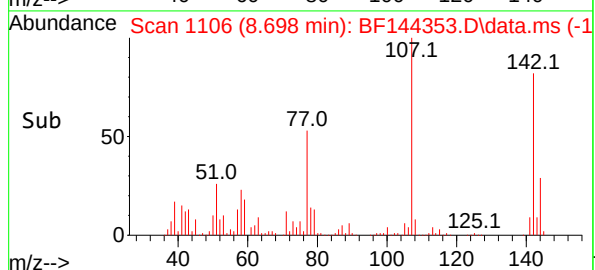
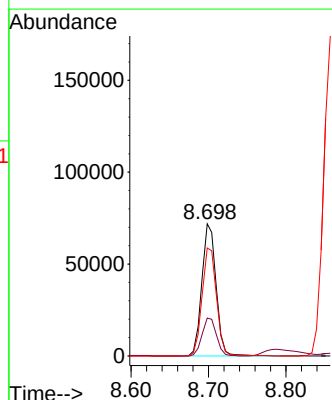
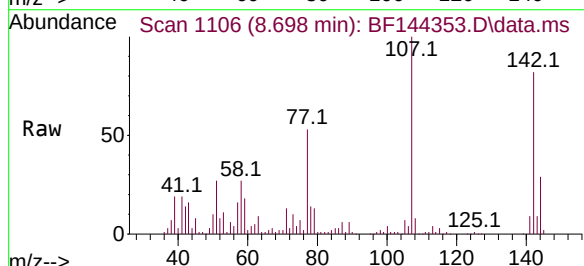
Tgt Ion:107 Resp: 91325

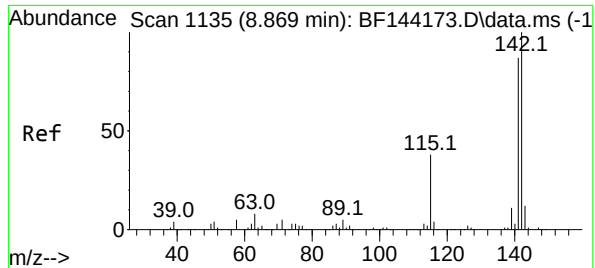
Ion Ratio Lower Upper

107 100

144 28.7 23.3 34.9

142 81.7 63.8 95.6





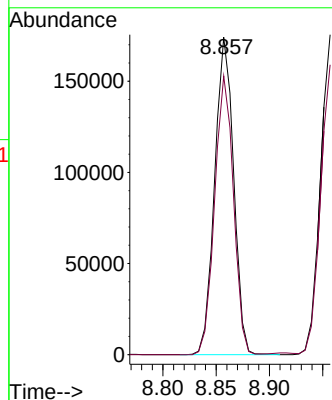
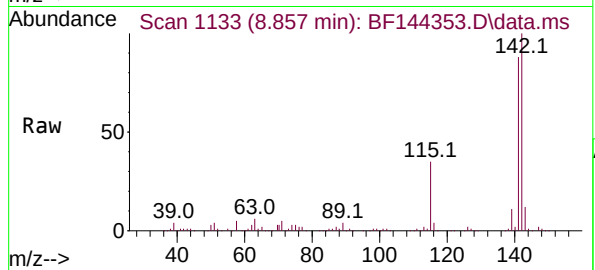
#37
2-Methylnaphthalene
Concen: 35.582 ng
RT: 8.857 min Scan# 1110
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

Tgt Ion:142 Resp: 215704
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9

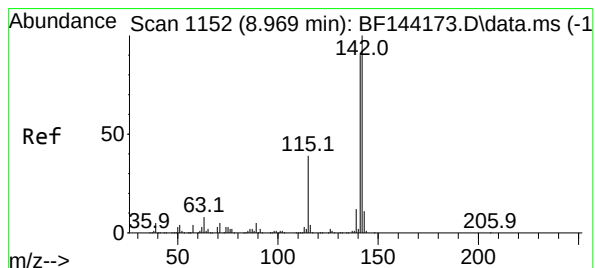
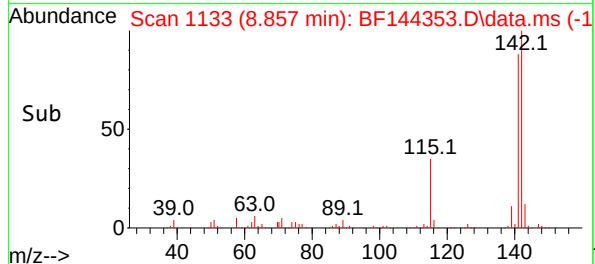
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025



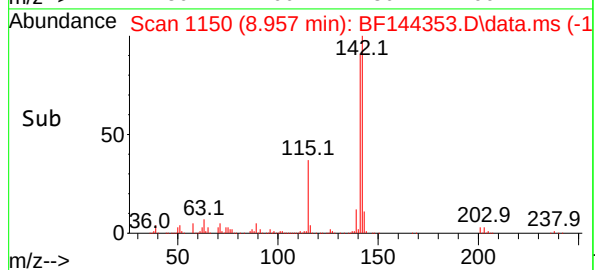
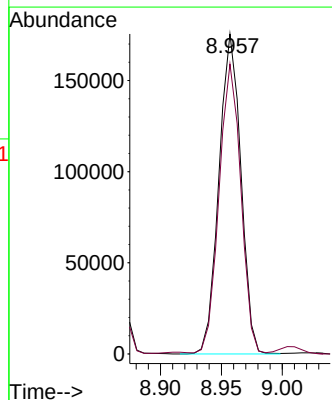
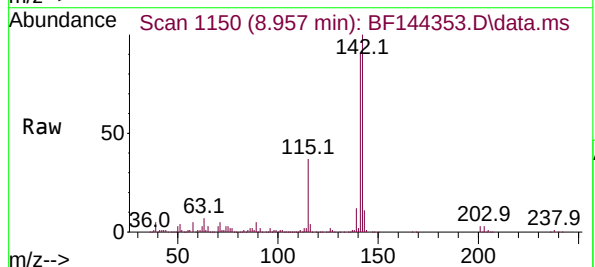
11/26/2025
Supervised By :mohammad
ahmed

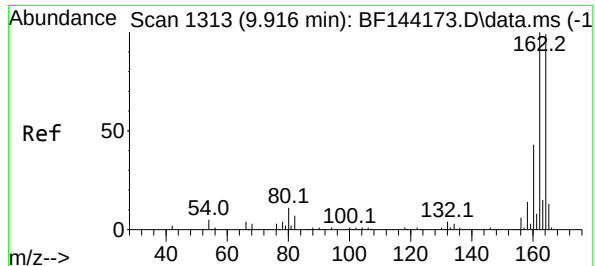
11/27/2025



#38
1-Methylnaphthalene
Concen: 37.463 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:142 Resp: 219134
Ion Ratio Lower Upper
142 100
141 90.6 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:164 Resp: 99198

Ion Ratio Lower Upper

164 100

162 98.4 81.1 121.7

160 43.0 34.5 51.7

Manual Integrations

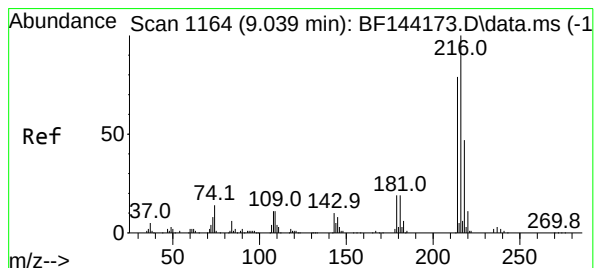
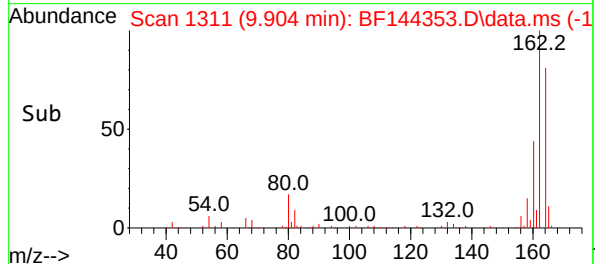
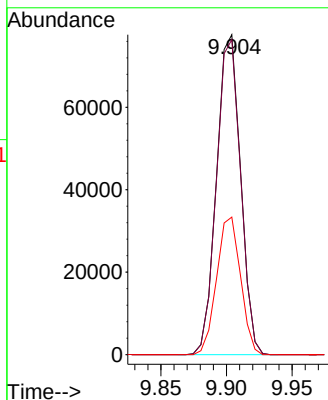
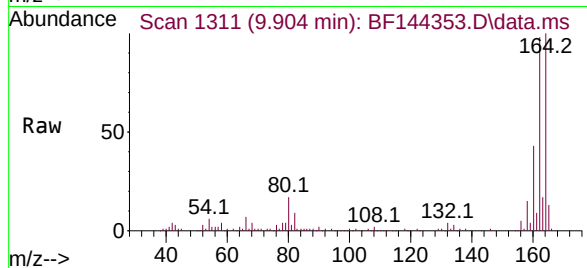
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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Supervised By :mohammad
ahmed

11/27/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.299 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Tgt Ion:216 Resp: 131015

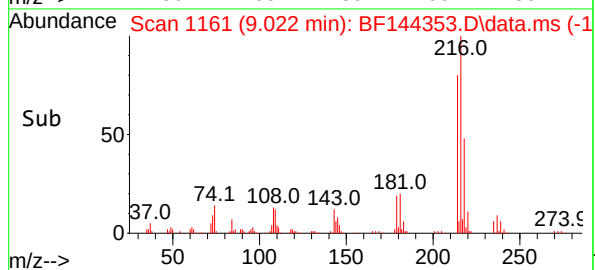
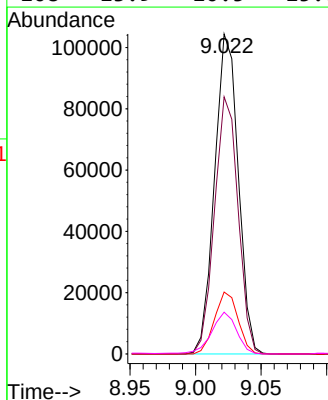
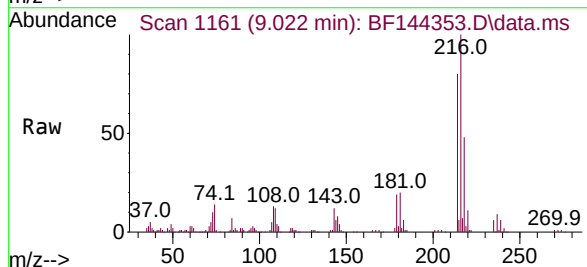
Ion Ratio Lower Upper

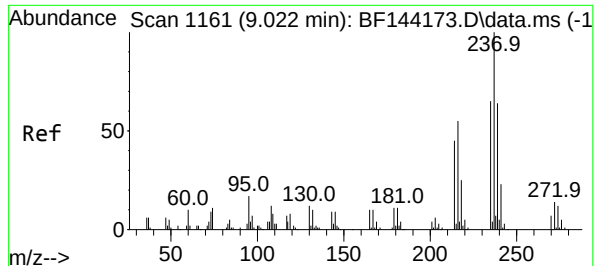
216 100

214 79.9 63.4 95.2

179 19.2 15.0 22.4

108 13.9 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 47.285 ng

RT: 9.010 min Scan# 1161

Delta R.T. -0.018 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:237 Resp: 49582

Ion Ratio Lower Upper

237 100

235 64.9 45.5 85.5

272 13.7 0.0 33.5

Manual Integrations

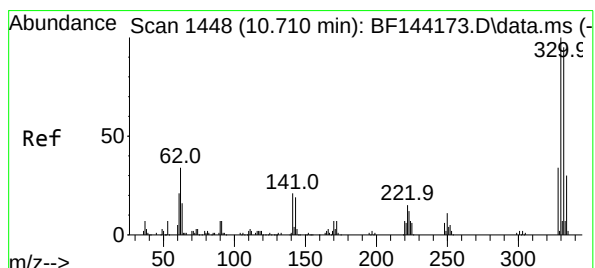
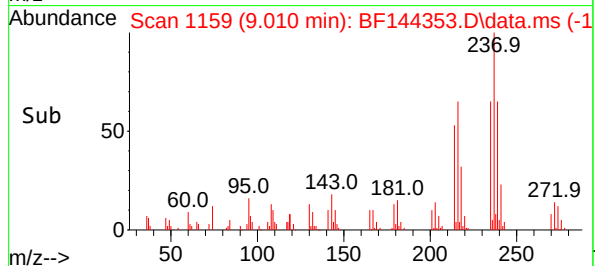
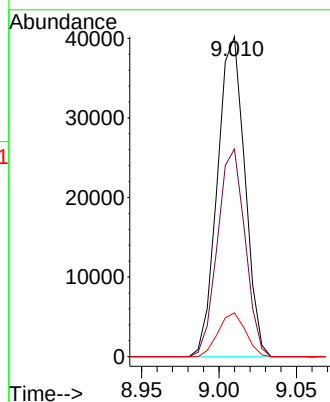
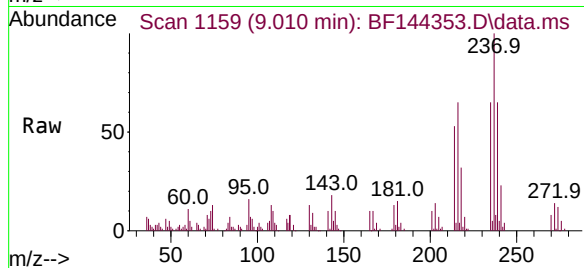
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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Supervised By :mohammad
ahmed

11/27/2025



#42

2,4,6-Tribromophenol

Concen: 70.236 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

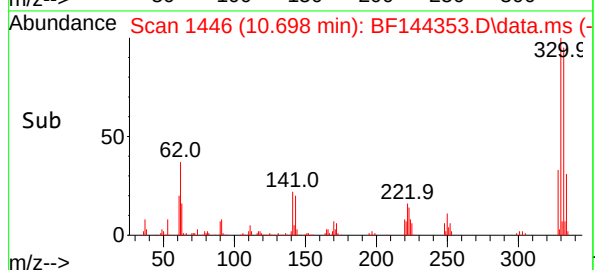
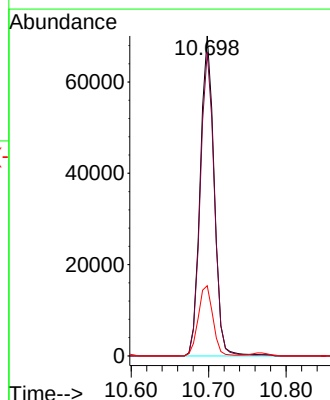
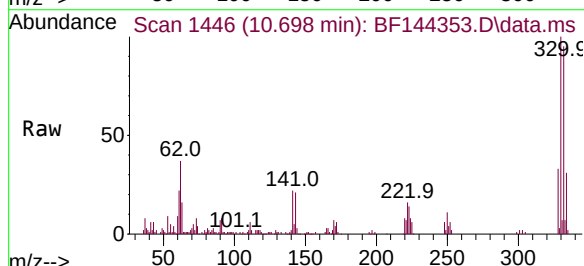
Tgt Ion:330 Resp: 87431

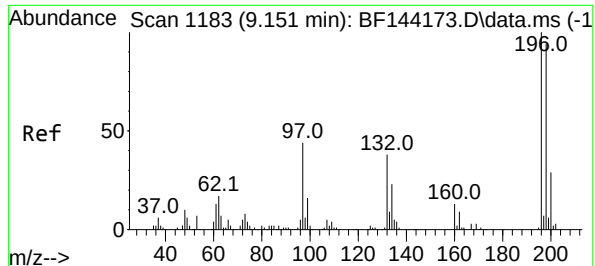
Ion Ratio Lower Upper

330 100

332 95.2 76.7 115.1

141 23.0 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 33.927 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:196 Resp: 75070

Ion Ratio Lower Upper

196 100

198 92.8 75.3 112.9

200 29.6 23.4 35.2

Manual Integrations

APPROVED

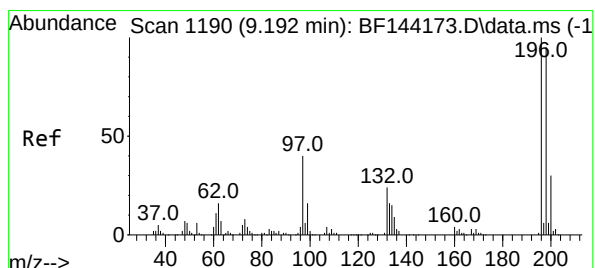
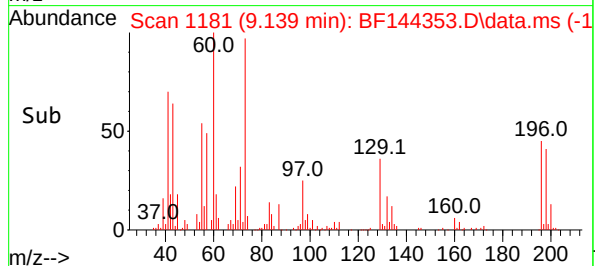
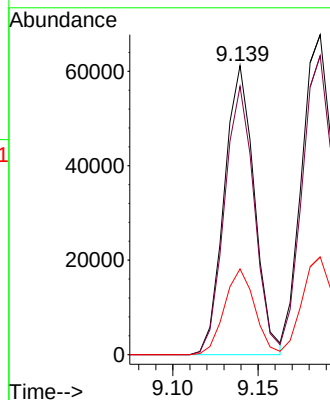
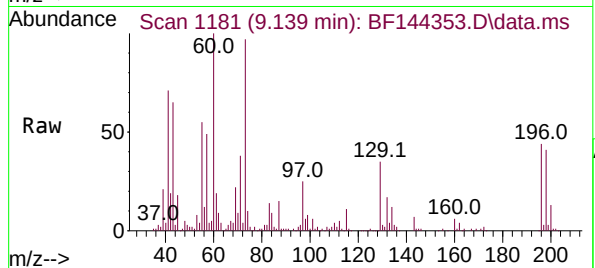
Reviewed By :Jagrut Upadhyay 11/26/2025

Supervised By :mohammad ahmed 11/27/2025

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Supervised By :mohammad
ahmed

11/27/2025



#44

2,4,5-Trichlorophenol

Concen: 37.791 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Tgt Ion:196 Resp: 90124

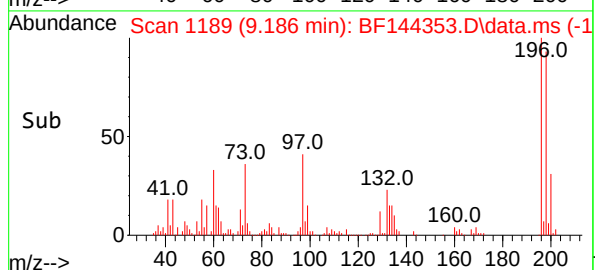
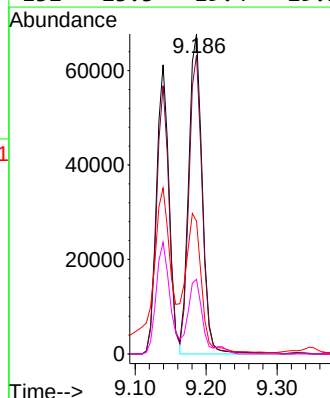
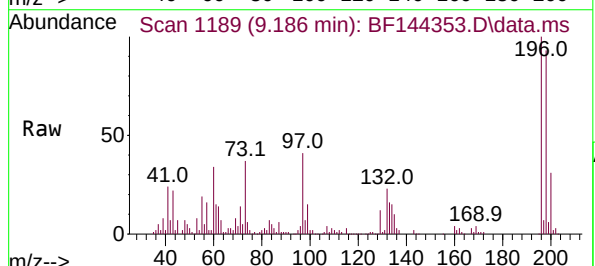
Ion Ratio Lower Upper

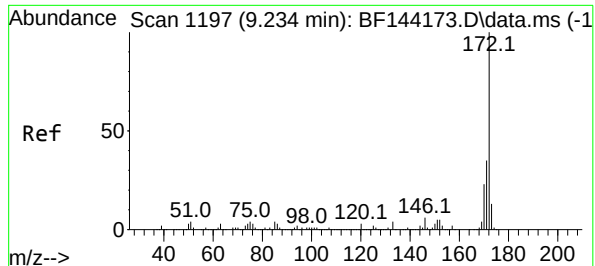
196 100

198 93.4 76.1 114.1

97 41.5 31.9 47.9

132 23.3 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 79.245 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:172 Resp: 53225

Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.5 18.6 28.0

Manual Integrations

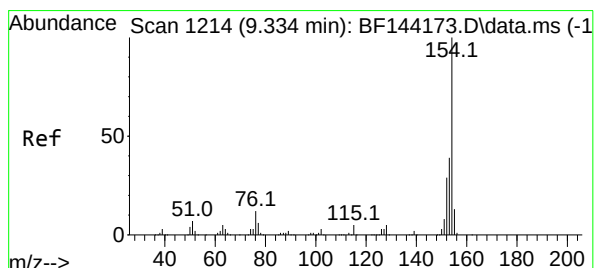
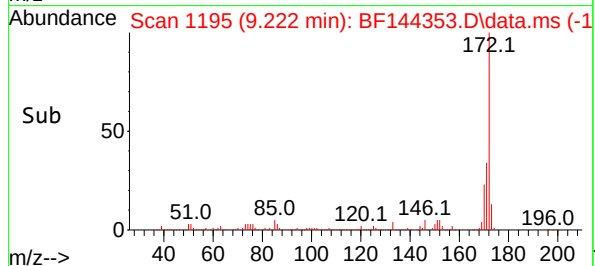
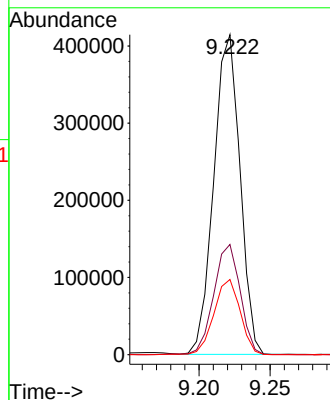
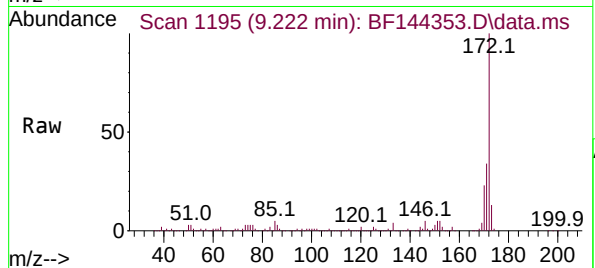
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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Supervised By :mohammad
ahmed

11/27/2025



#46

1,1'-Biphenyl

Concen: 41.277 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

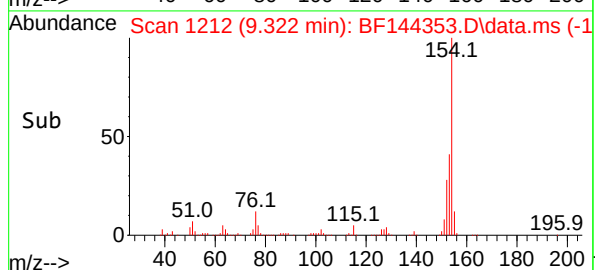
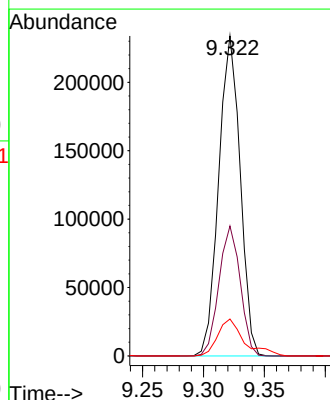
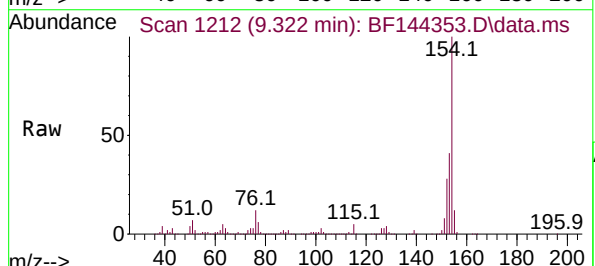
Tgt Ion:154 Resp: 285814

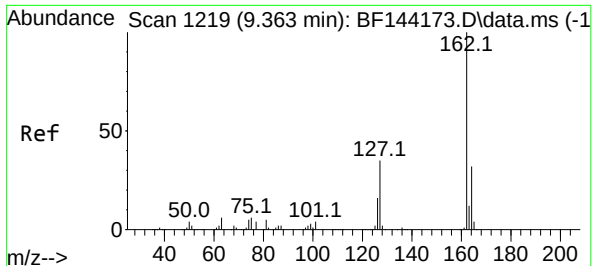
Ion Ratio Lower Upper

154 100

153 40.6 19.2 59.2

76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 40.526 ng

RT: 9.345 min Scan# 1219

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:162 Resp: 239366

Ion Ratio Lower Upper

162 100

127 35.6 28.8 43.2

164 31.6 25.8 38.8

Manual Integrations

APPROVED

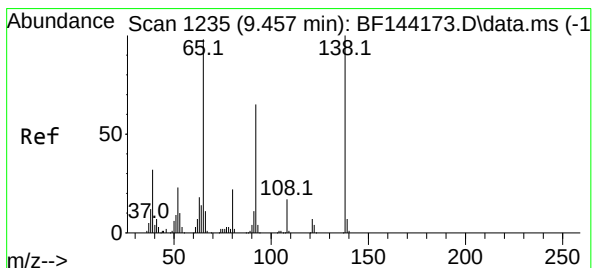
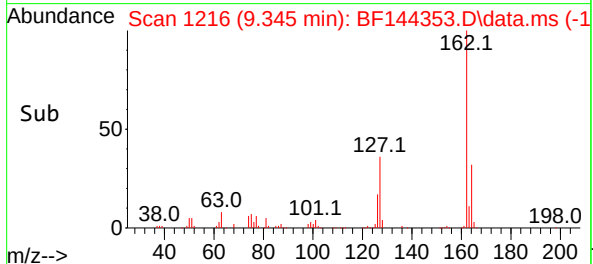
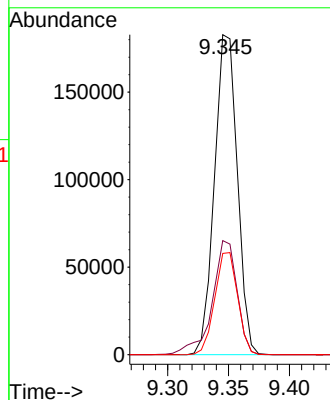
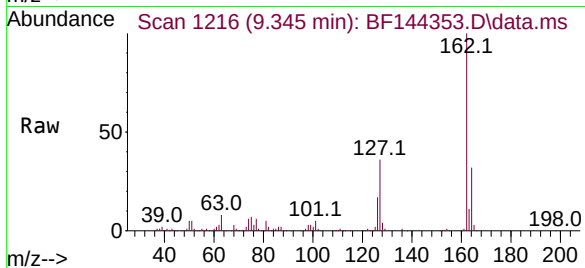
Reviewed By :Jagrut Upadhyay 11/26/2025

Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
ahmed

11/27/2025



#48

2-Nitroaniline

Concen: 42.150 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

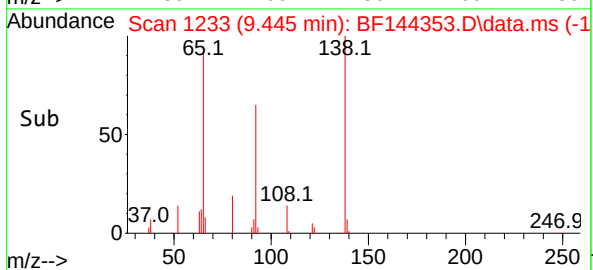
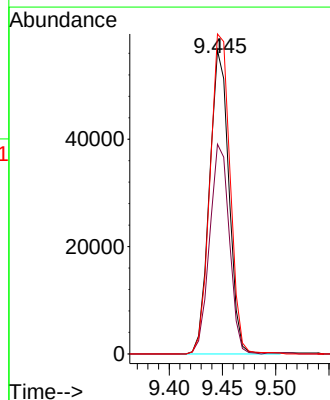
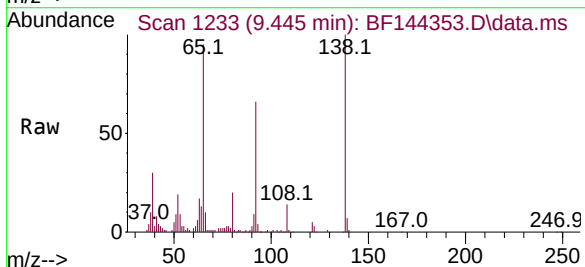
Tgt Ion: 65 Resp: 71833

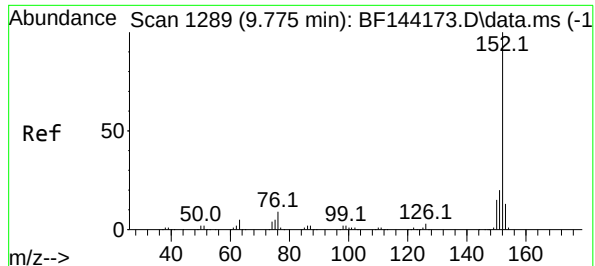
Ion Ratio Lower Upper

65 100

92 69.1 53.0 79.6

138 105.4 81.6 122.4





#49

Acenaphthylene

Concen: 46.691 ng

RT: 9.763 min Scan# 1287

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:	152	Resp:	375819
Ion Ratio	Lower	Upper	
152	100		
151	19.2	15.9	23.9
153	12.7	10.5	15.7

Manual Integrations

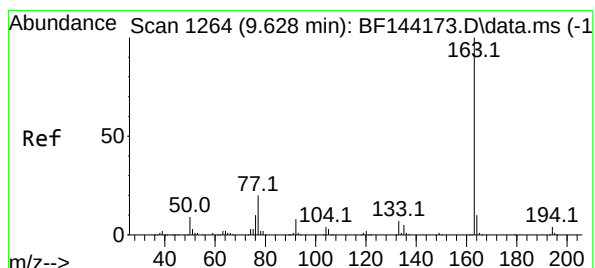
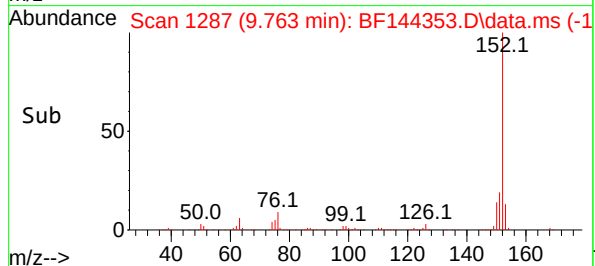
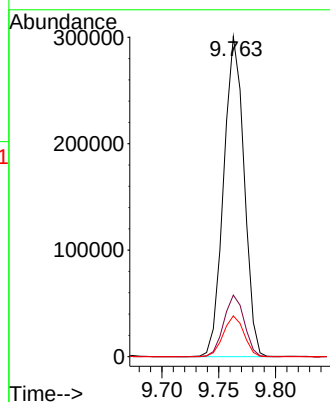
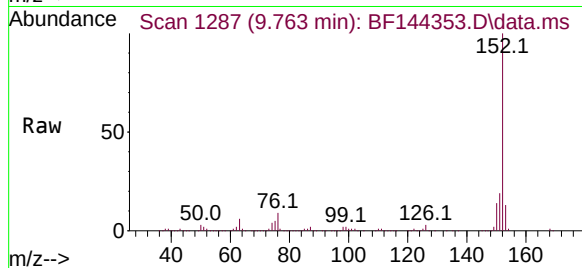
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

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Supervised By :mohammad
ahmed

11/27/2025



#50

Dimethylphthalate

Concen: 41.491 ng

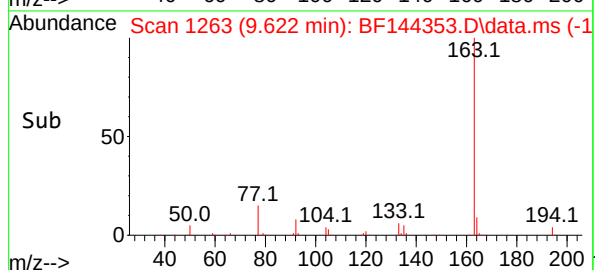
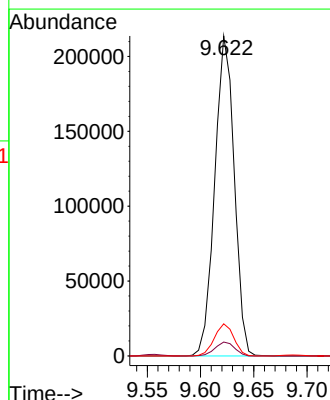
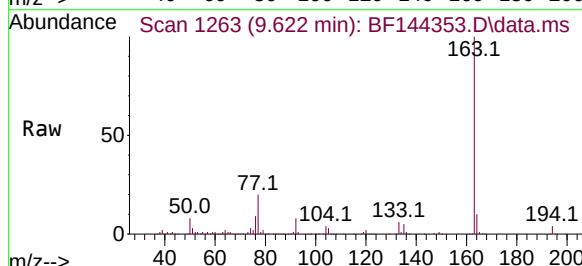
RT: 9.622 min Scan# 1263

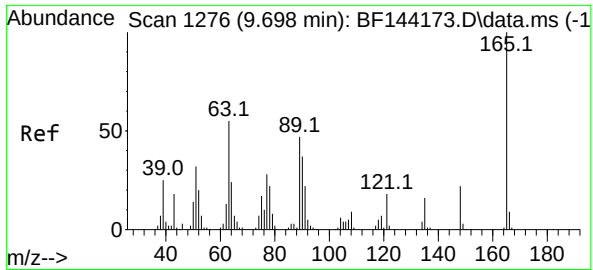
Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

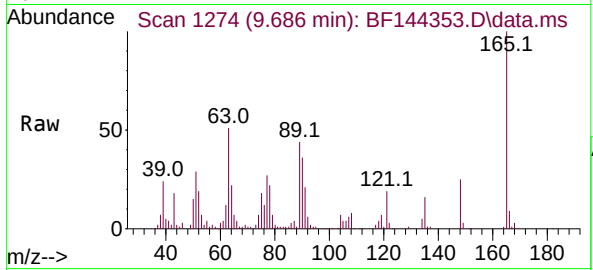
Tgt Ion:	163	Resp:	272662
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.3	4.9
164	10.1	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 43.732 ng
RT: 9.686 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



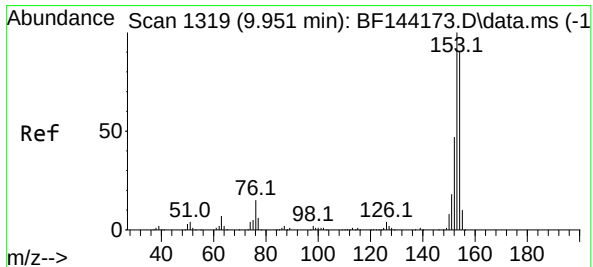
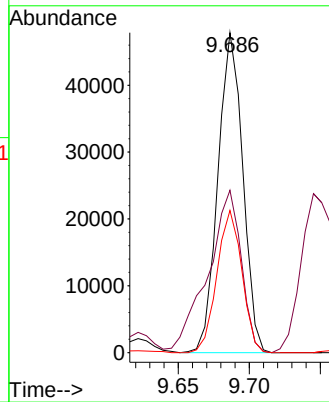
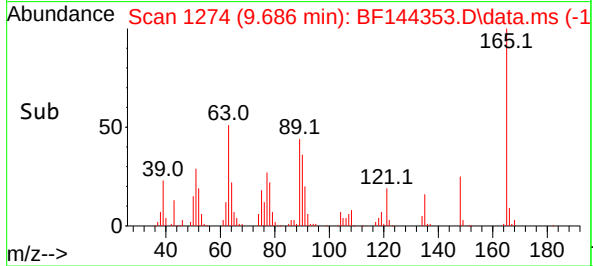
Tgt Ion:165 Resp: 58178
Ion Ratio Lower Upper
165 100
63 50.7 43.8 65.8
89 44.4 37.5 56.3

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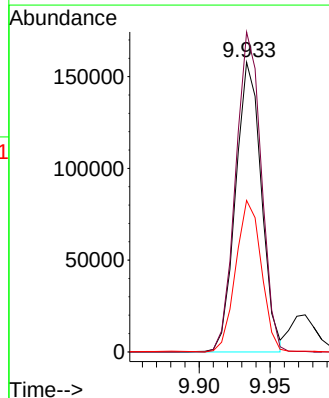
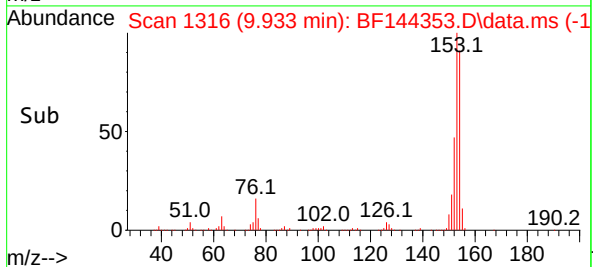
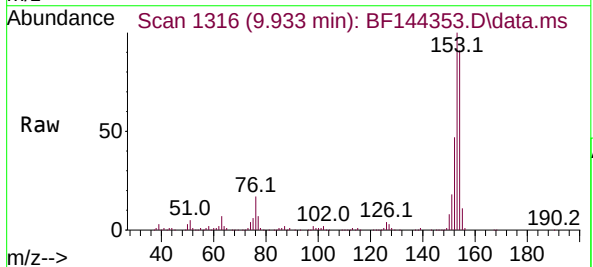
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Supervised By :mohammad
ahmed

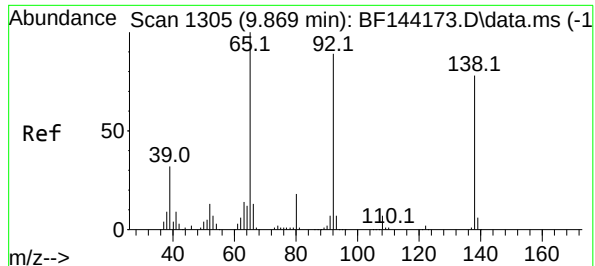
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#52
Acenaphthene
Concen: 36.972 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:154 Resp: 198999
Ion Ratio Lower Upper
154 100
153 110.5 89.0 133.4
152 52.3 42.2 63.4





#53

3-Nitroaniline

Concen: 13.659 ng

RT: 9.857 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:138 Resp: 19864

Ion Ratio Lower Upper

138 100

108 9.1 7.5 11.3

92 115.9 91.8 137.6

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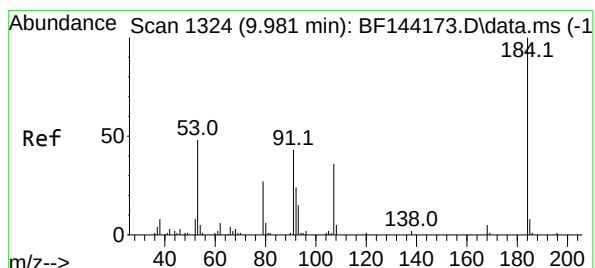
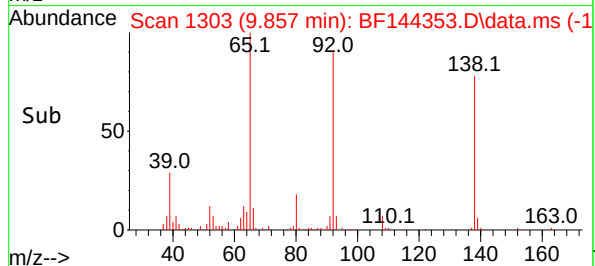
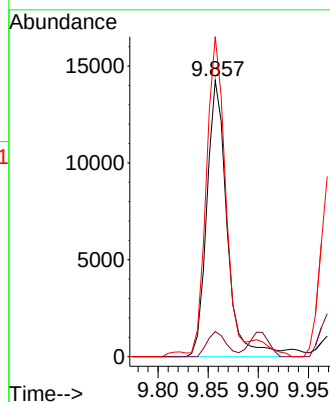
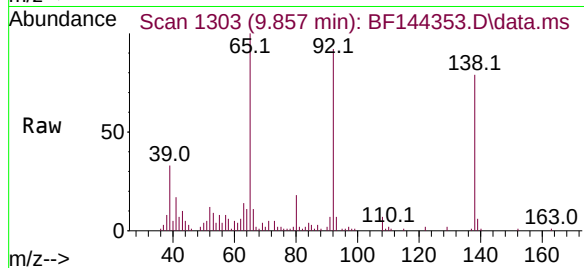
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Supervised By :mohammad ahmed 11/27/2025

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ahmed

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#54

2,4-Dinitrophenol

Concen: 79.625 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

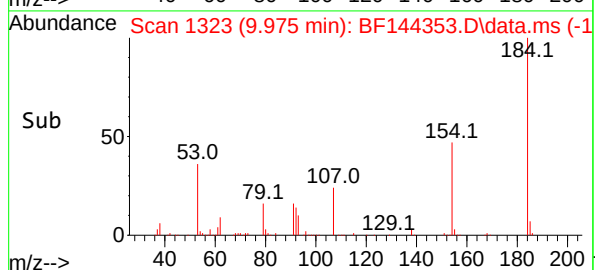
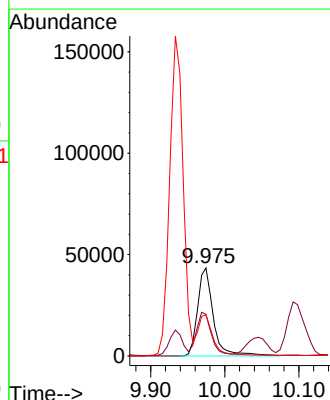
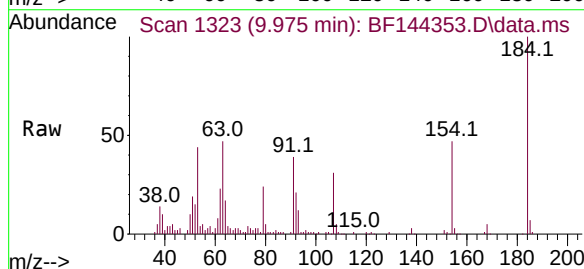
Tgt Ion:184 Resp: 63964

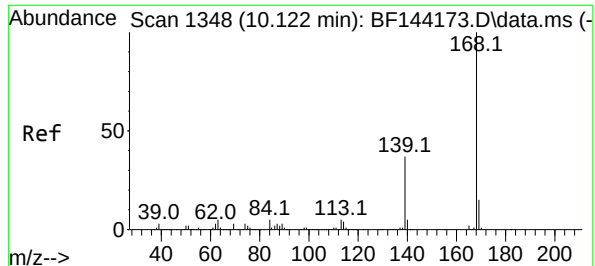
Ion Ratio Lower Upper

184 100

63 47.2 44.0 66.0

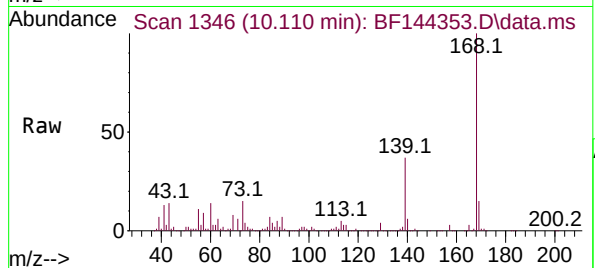
154 46.7 42.4 63.6





#55
Dibenzenofuran
Concen: 37.644 ng
RT: 10.110 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



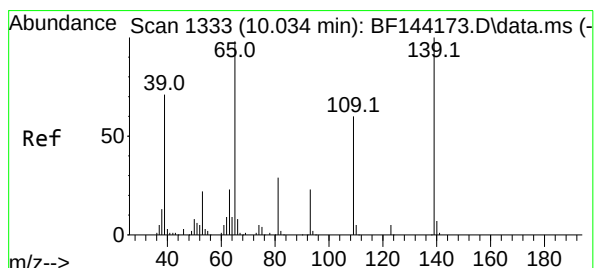
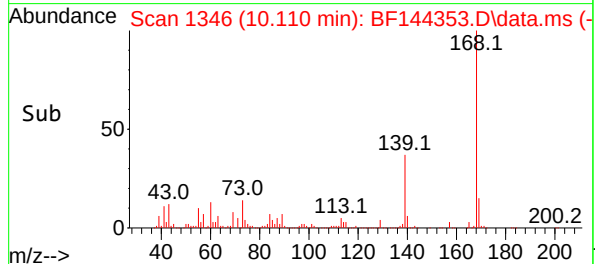
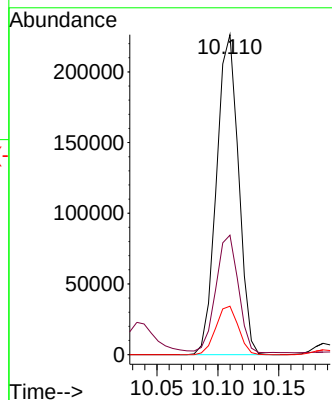
Tgt Ion:168 Resp: 283772
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.2
169 15.1 12.2 18.4

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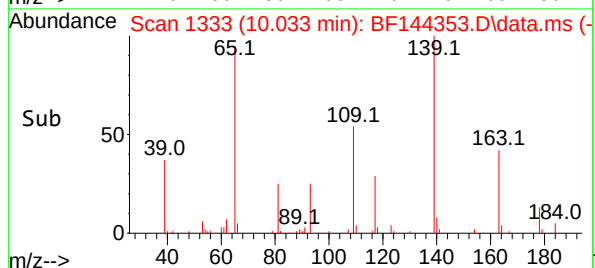
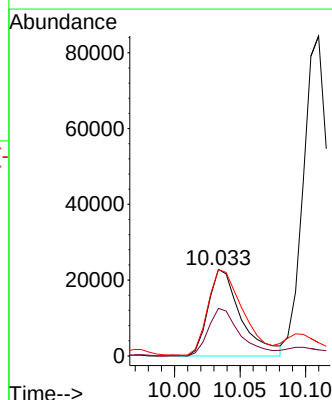
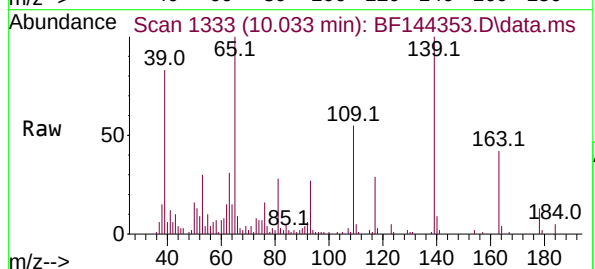
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ahmed

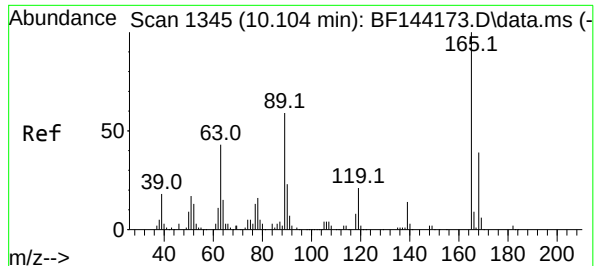
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#56
4-Nitrophenol
Concen: 37.673 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

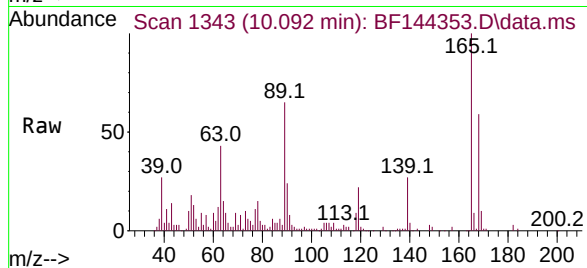
Tgt Ion:139 Resp: 39630
Ion Ratio Lower Upper
139 100
109 54.9 39.9 79.9
65 99.7 79.5 119.5





#57
2,4-Dinitrotoluene
Concen: 42.021 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

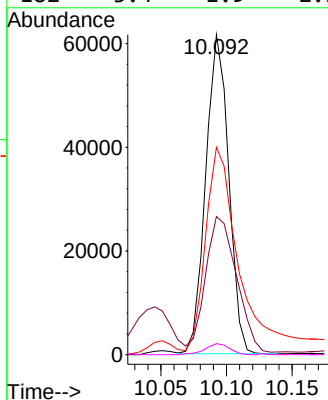
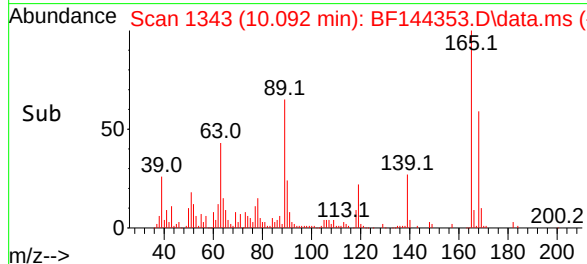
Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



Tgt Ion:165 Resp: 74835
Ion Ratio Lower Upper
165 100
63 43.2 35.5 53.3
89 64.8 47.4 71.2
182 3.4 1.9 2.9

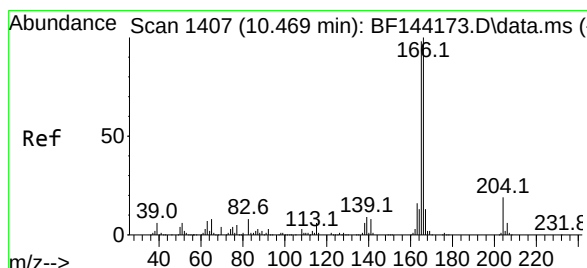
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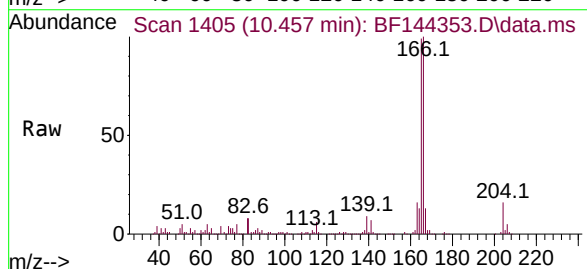


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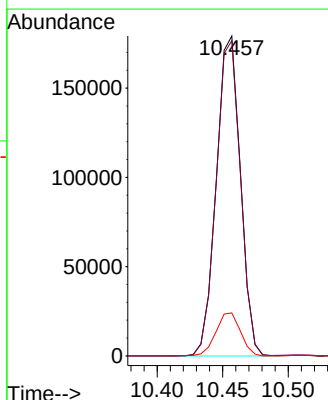
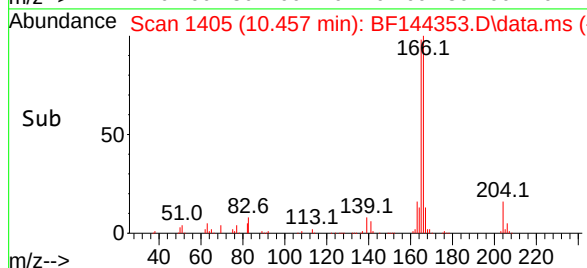
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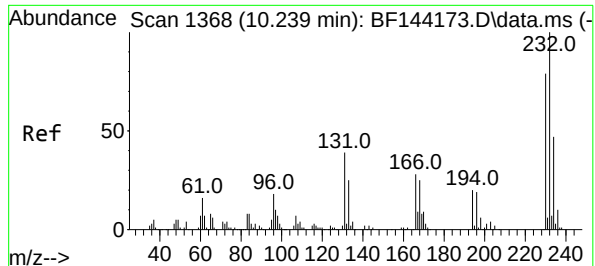


#58
Fluorene
Concen: 39.956 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45



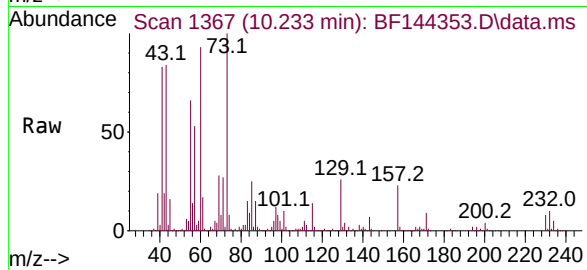
Tgt Ion:166 Resp: 229009
Ion Ratio Lower Upper
166 100
165 98.5 78.6 118.0
167 13.5 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 26.270 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



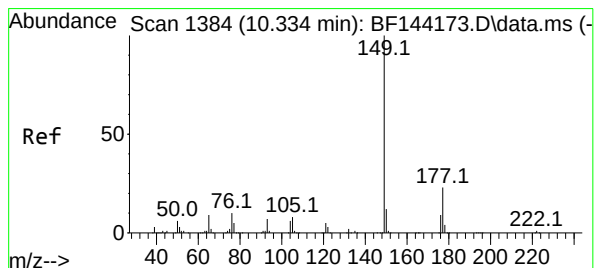
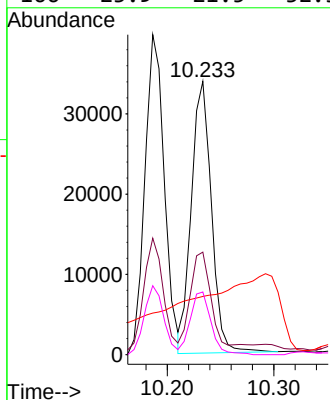
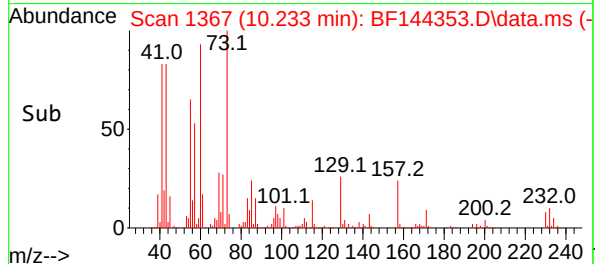
Tgt Ion:232 Resp: 44324
Ion Ratio Lower Upper
232 100
131 33.5 30.3 45.5
130 0.0 1.2 1.8
166 23.9 21.5 32.3

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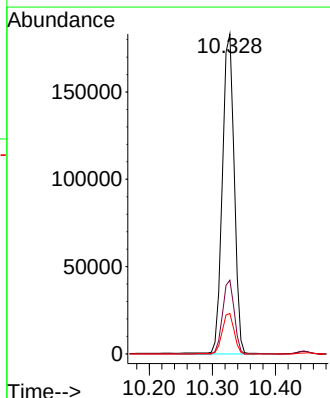
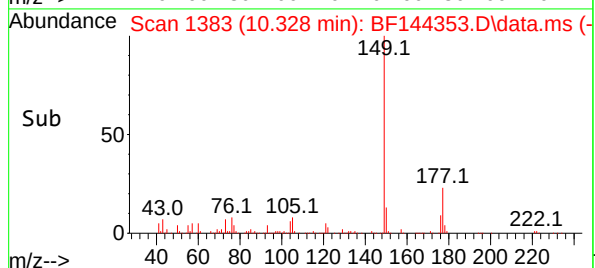
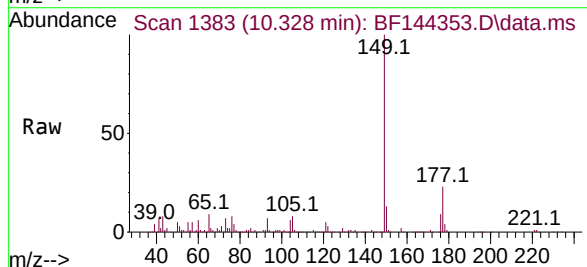
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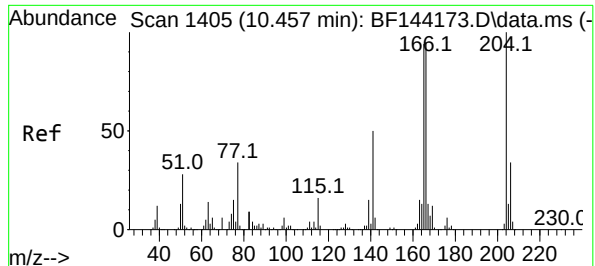
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#60
Diethylphthalate
Concen: 39.391 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

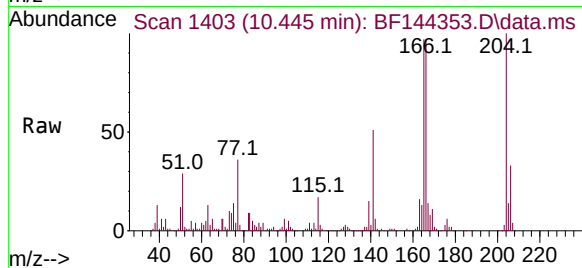
Tgt Ion:149 Resp: 238633
Ion Ratio Lower Upper
149 100
177 23.0 18.3 27.5
150 12.6 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 37.976 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



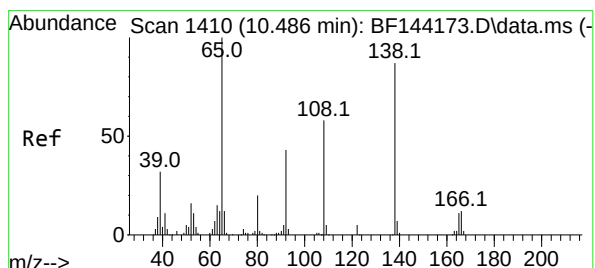
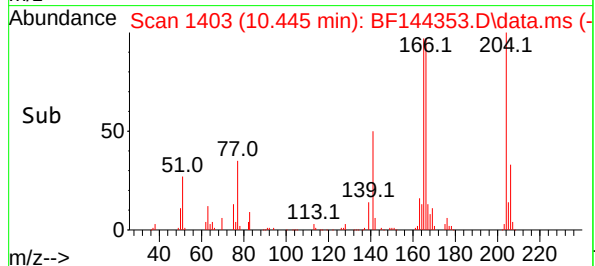
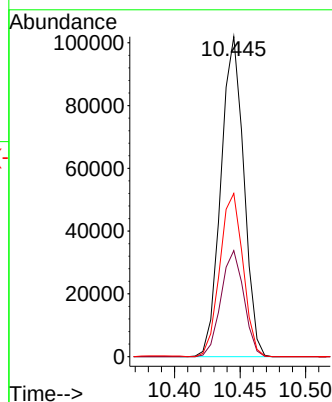
Tgt Ion:204 Resp: 123983
Ion Ratio Lower Upper
204 100
206 33.2 27.4 41.2
141 51.0 40.0 60.0

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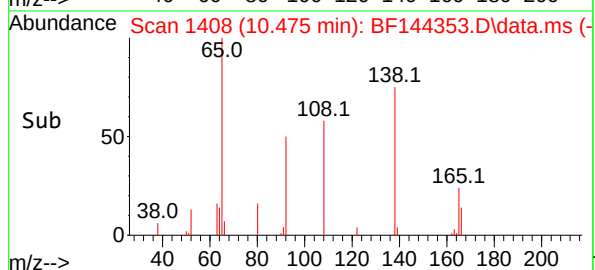
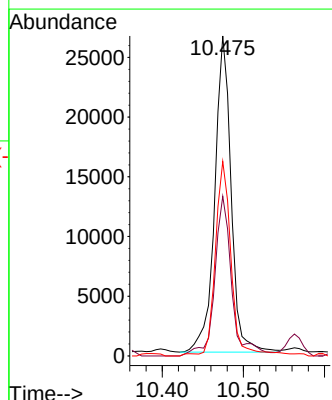
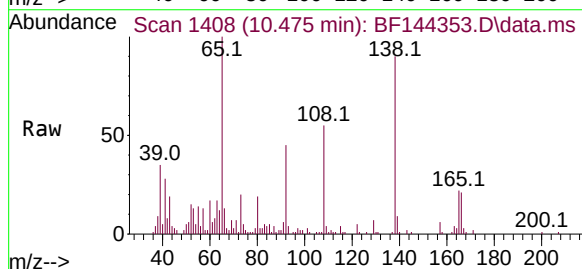
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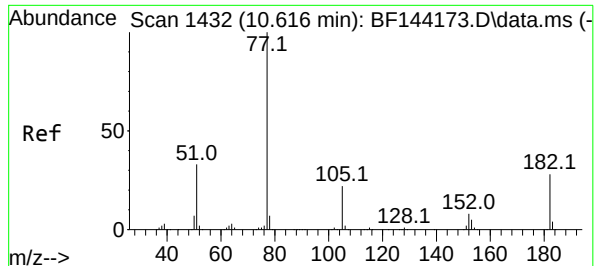
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#62
4-Nitroaniline
Concen: 26.840 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:138 Resp: 37171
Ion Ratio Lower Upper
138 100
92 49.9 29.4 69.4
108 60.8 46.4 86.4





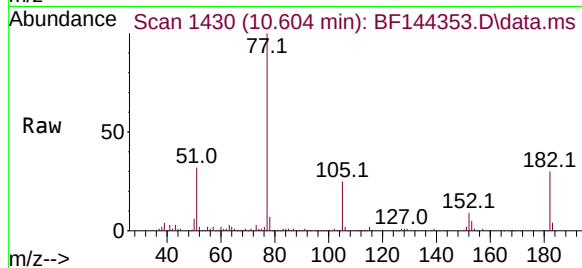
#63
Azobenzene
Concen: 42.643 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS



Tgt Ion: 77 Resp: 240425
Ion Ratio Lower Upper
77 100
182 29.9 8.1 48.1
105 24.7 2.0 42.0
51 31.9 13.9 53.9

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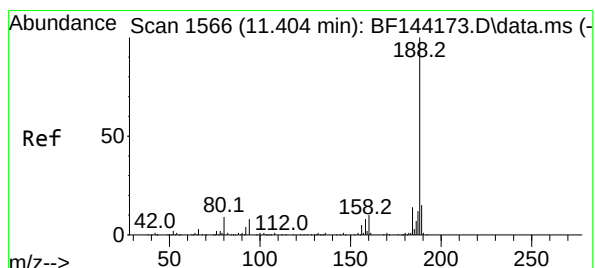
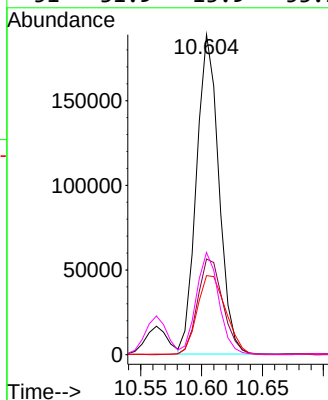
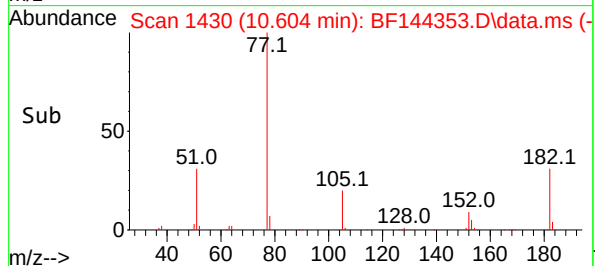
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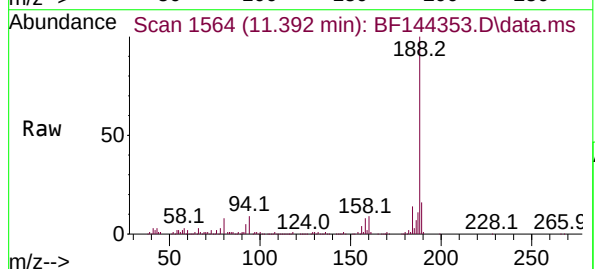
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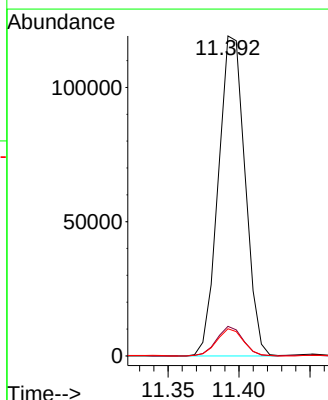
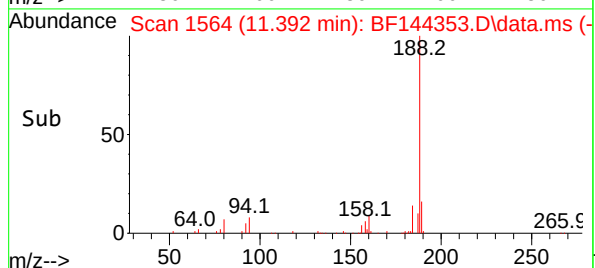
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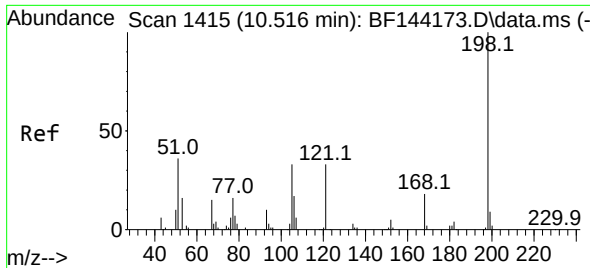


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45



Tgt Ion:188 Resp: 155991
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.2
80 8.5 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 39.097 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS

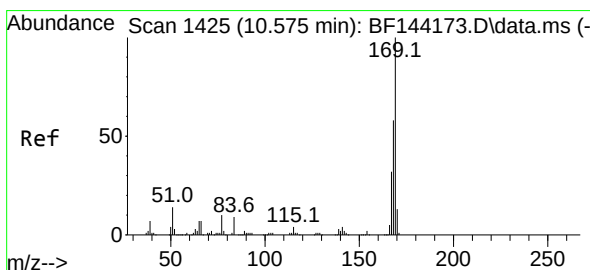
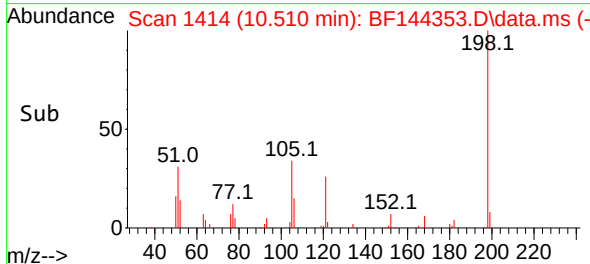
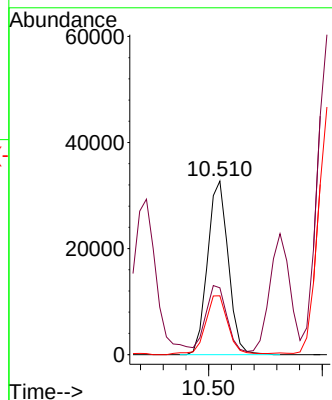
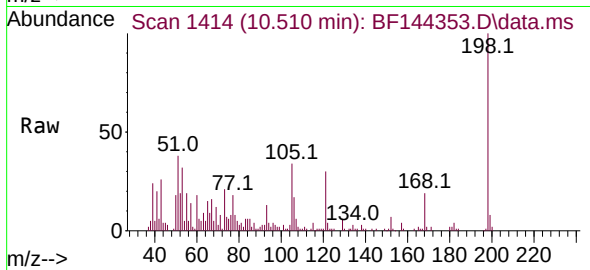
Tgt Ion:198 Resp: 41431
Ion Ratio Lower Upper
198 100
51 38.5 25.6 65.6
105 33.9 14.6 54.6

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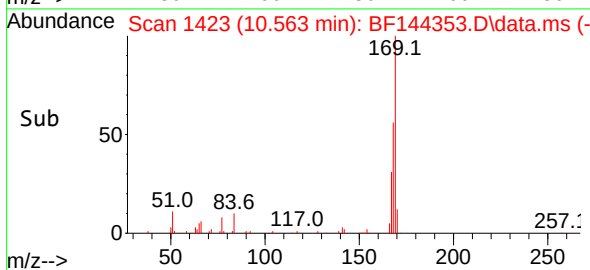
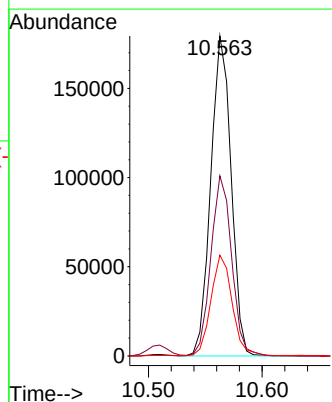
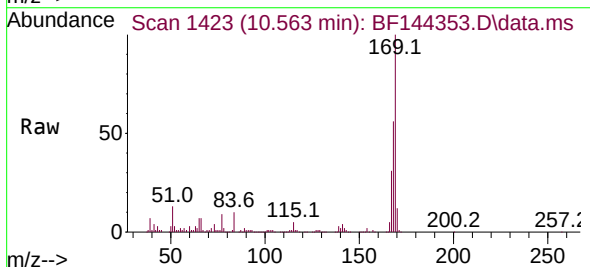
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Supervised By :mohammad
ahmed

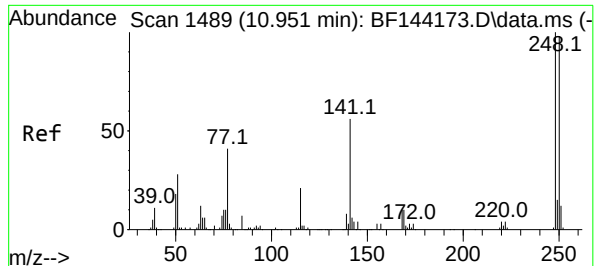
11/27/2025



#66
n-Nitrosodiphenylamine
Concen: 44.555 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:169 Resp: 223535
Ion Ratio Lower Upper
169 100
168 56.3 46.2 69.2
167 31.5 25.7 38.5





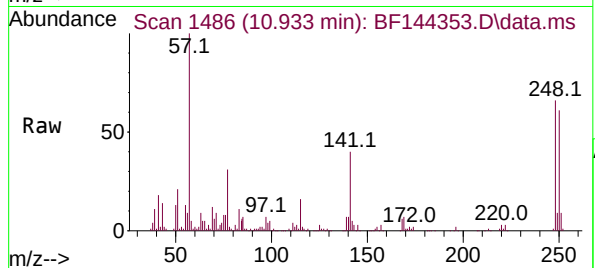
#67
4-Bromophenyl-phenylether
Concen: 39.748 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS



Tgt Ion:248 Resp: 79142
Ion Ratio Lower Upper
248 100
250 92.9 78.4 117.6
141 60.3 45.1 67.7

Manual Integrations

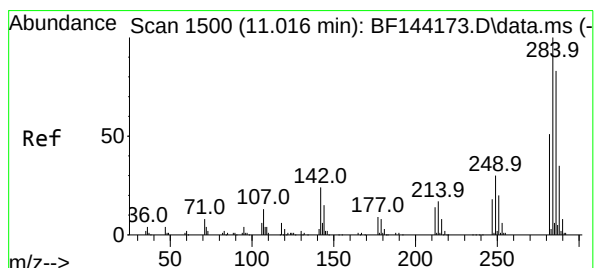
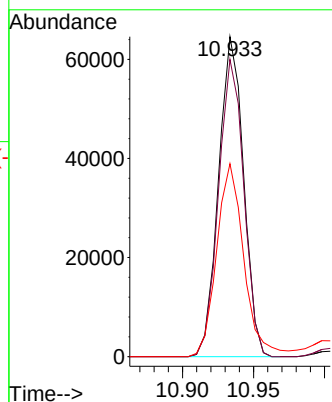
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

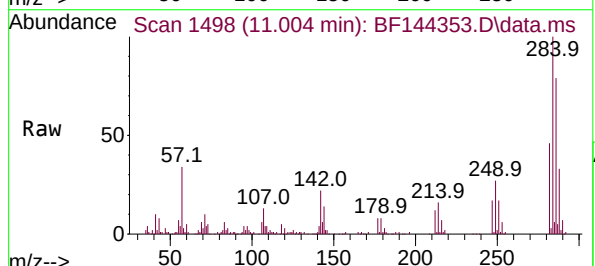
11/26/2025

Supervised By :mohammad ahmed

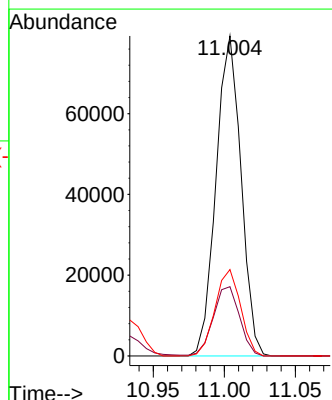
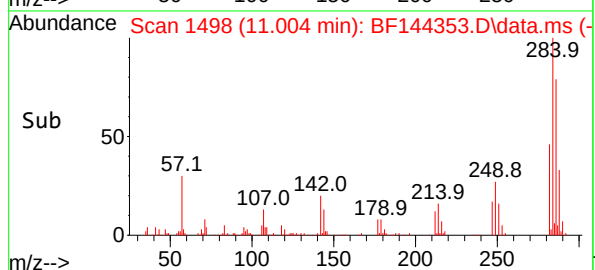
11/27/2025

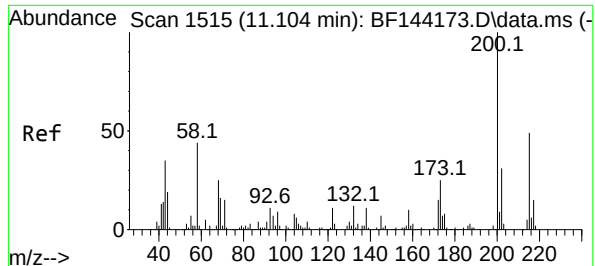


#68
Hexachlorobenzene
Concen: 41.405 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45



Tgt Ion:284 Resp: 97105
Ion Ratio Lower Upper
284 100
142 21.6 19.2 28.8
249 27.0 23.8 35.8





#69

Atrazine

Concen: 9.473 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:200 Resp: 15114

Ion Ratio Lower Upper

200 100

173 23.6 5.0 45.0

215 41.4 28.7 68.7

Manual Integrations

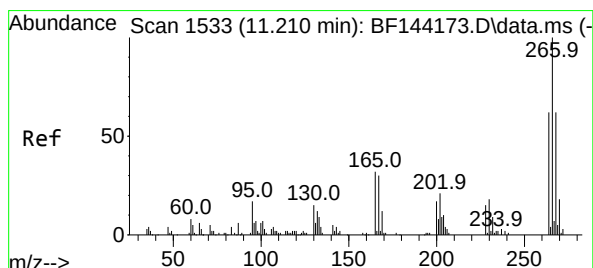
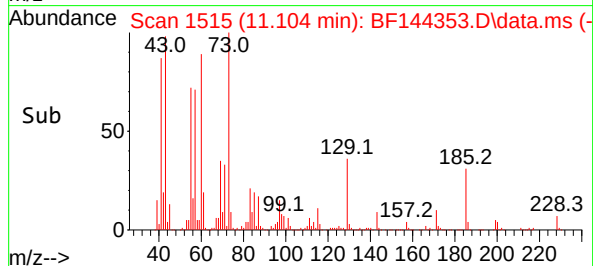
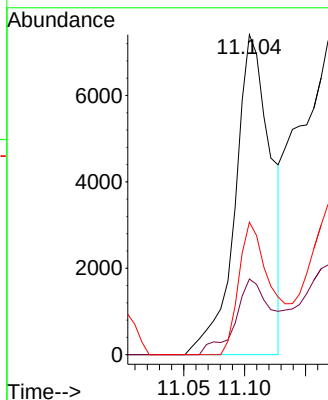
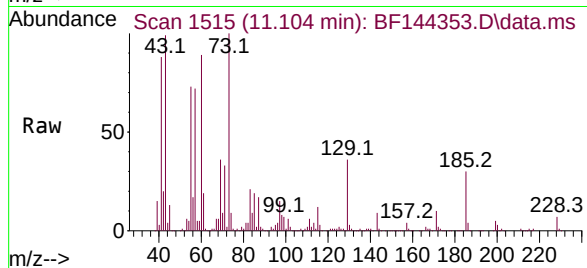
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
ahmed

11/27/2025



#70

Pentachlorophenol

Concen: 89.955 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

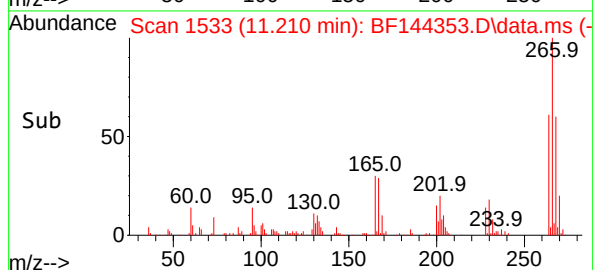
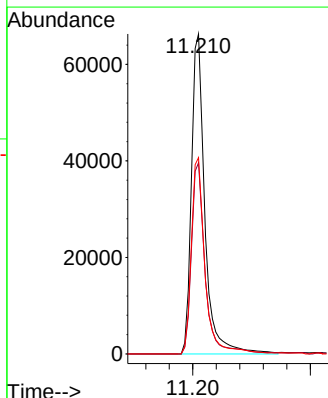
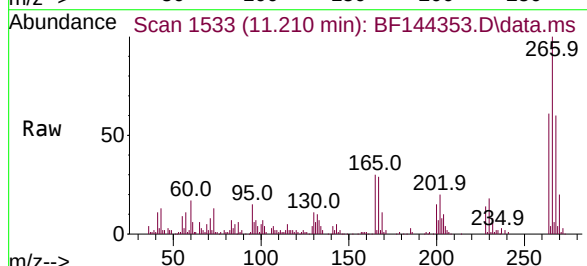
Tgt Ion:266 Resp: 105053

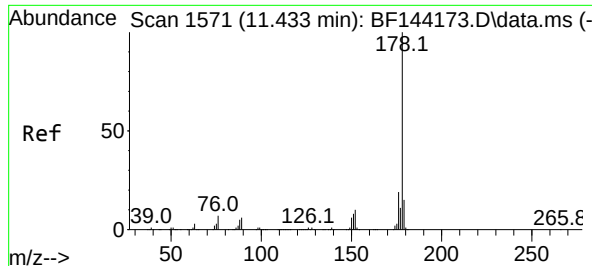
Ion Ratio Lower Upper

266 100

268 59.7 49.5 74.3

264 61.3 49.4 74.2





#71

Phenanthrene

Concen: 42.375 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:178 Resp: 329105

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.2 12.2 18.4

Manual Integrations

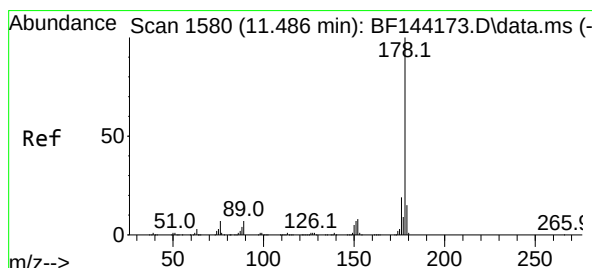
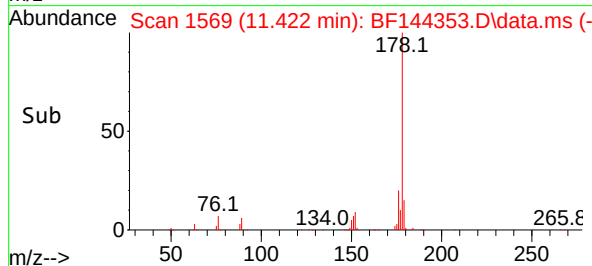
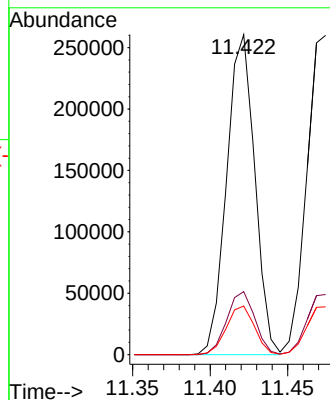
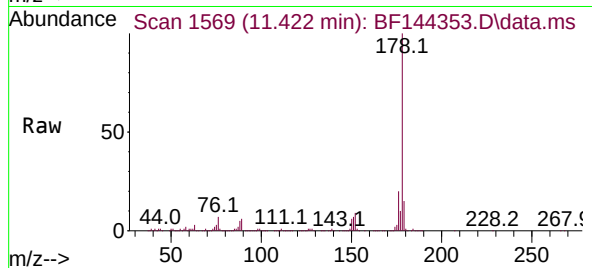
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
ahmed

11/27/2025



#72

Anthracene

Concen: 43.231 ng

RT: 11.475 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

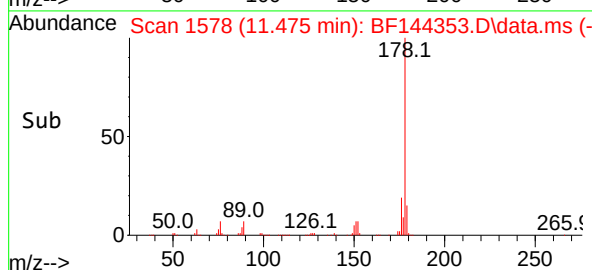
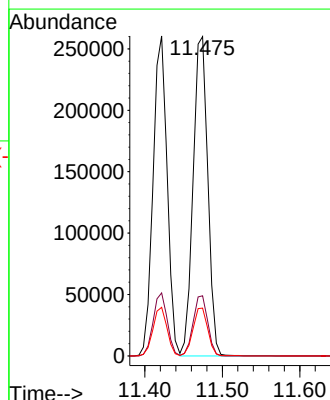
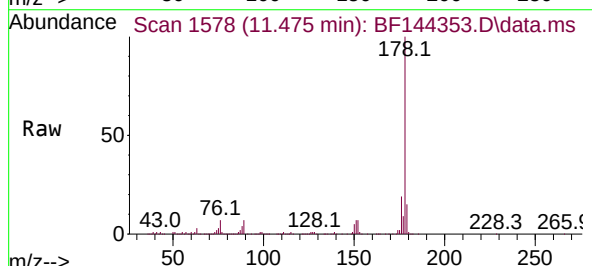
Tgt Ion:178 Resp: 341408

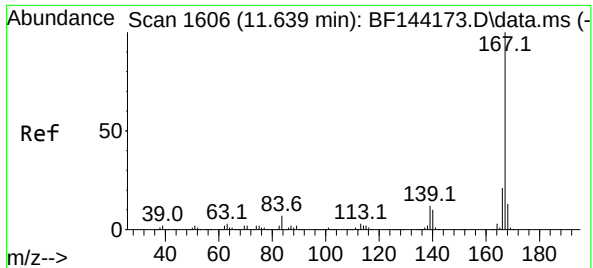
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

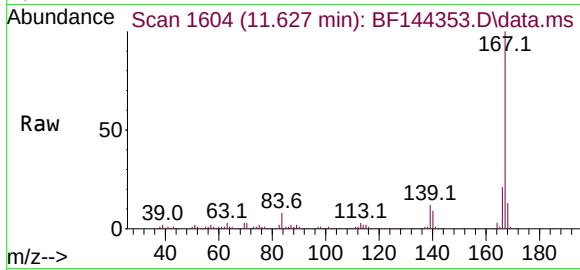
179 15.0 12.0 18.0





#73
 Carbazole
 Concen: 42.875 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144353.D
 Acq: 25 Nov 2025 16:45

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMS



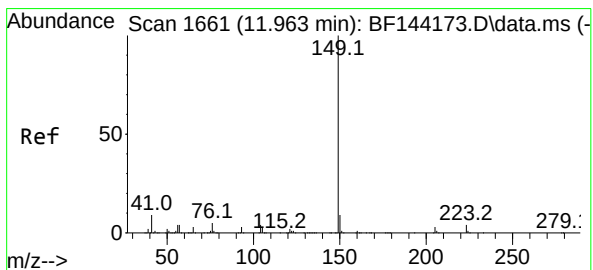
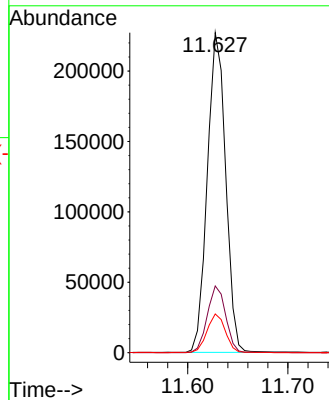
Tgt Ion:167 Resp: 287923
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 12.1 9.9 14.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

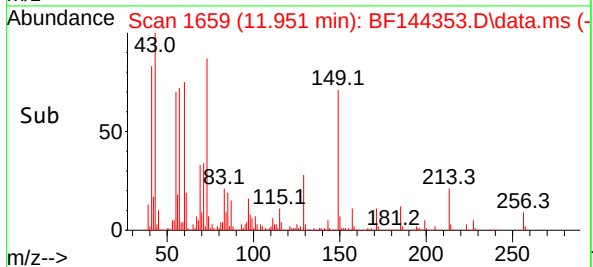
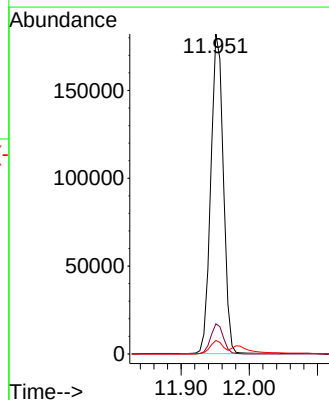
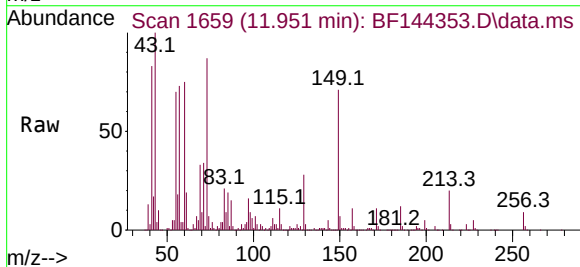
11/26/2025
 Supervised By :mohammad
 ahmed

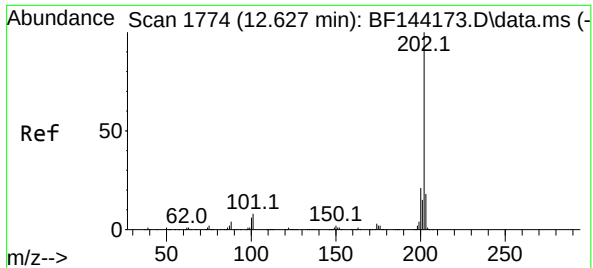
11/27/2025



#74
 Di-n-butylphthalate
 Concen: 28.677 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144353.D
 Acq: 25 Nov 2025 16:45

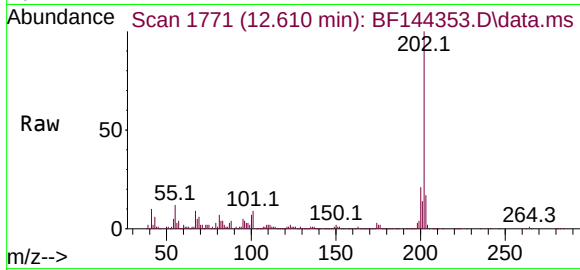
Tgt Ion:149 Resp: 232800
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.2 3.4 5.2





#75
Fluoranthene
Concen: 40.786 ng
RT: 12.610 min Scan# 1774
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



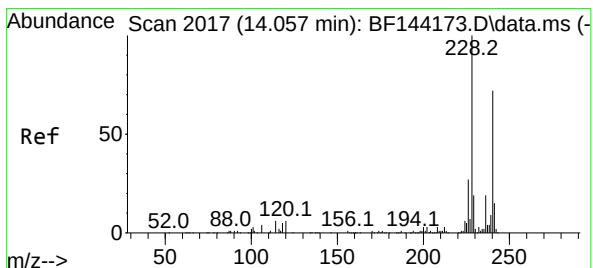
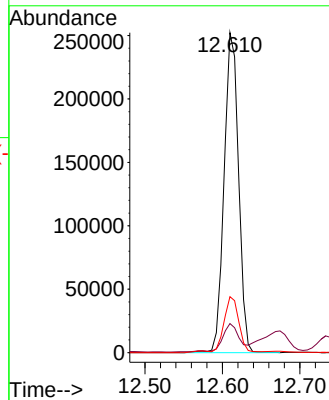
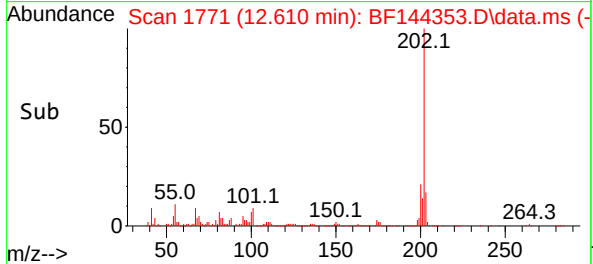
Tgt Ion:202 Resp: 327220
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.9
203 17.5 0.0 37.5

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

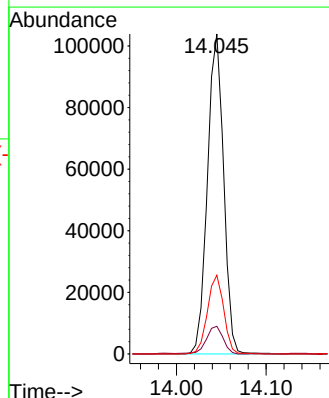
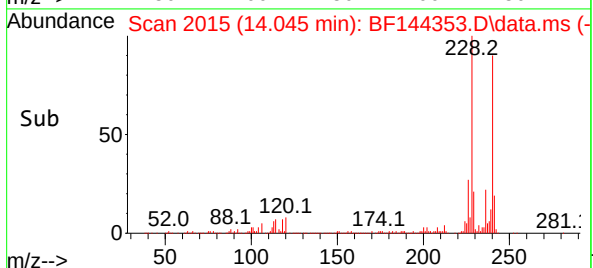
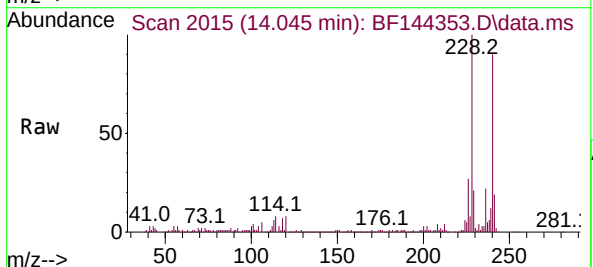
11/26/2025
Supervised By :mohammad
ahmed

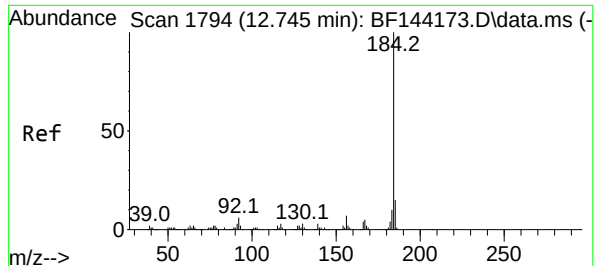
11/27/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:240 Resp: 130434
Ion Ratio Lower Upper
240 100
120 8.6 6.6 10.0
236 24.6 21.4 32.2





#77

Benzidine

Concen: 15.350 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:	184	Resp:	5922
Ion Ratio	Lower	Upper	
184	100		
185	92.1	11.7	17.5
183	13.4	8.3	12.5

Manual Integrations

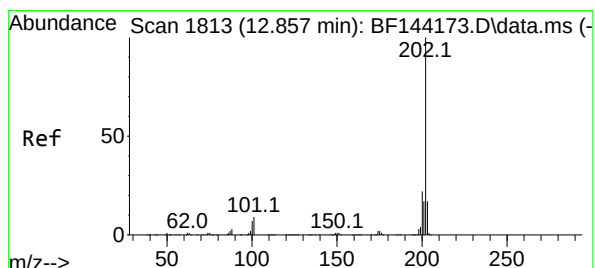
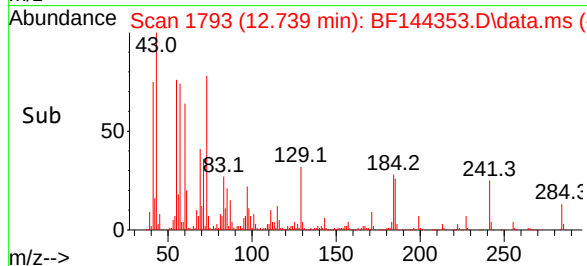
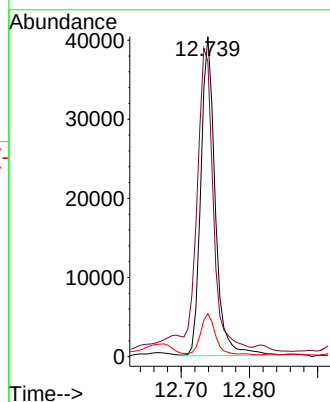
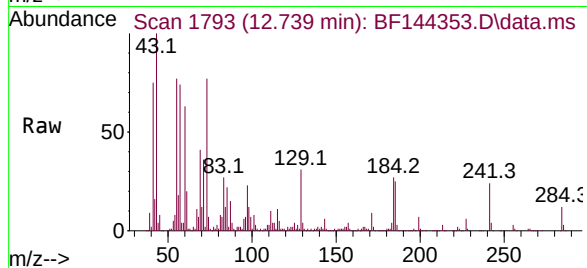
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

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Supervised By :mohammad ahmed

11/27/2025



#78

Pyrene

Concen: 34.293 ng

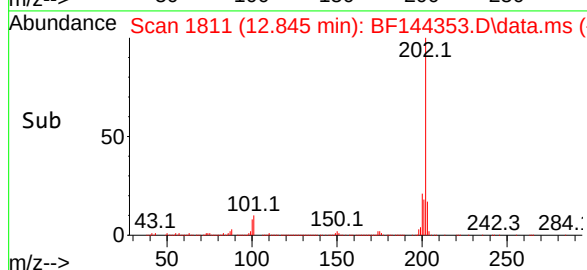
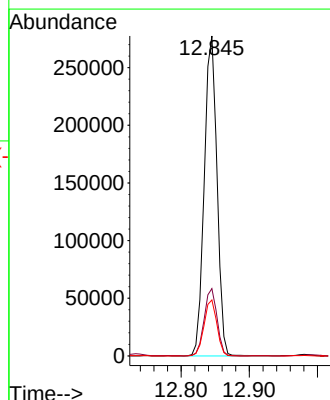
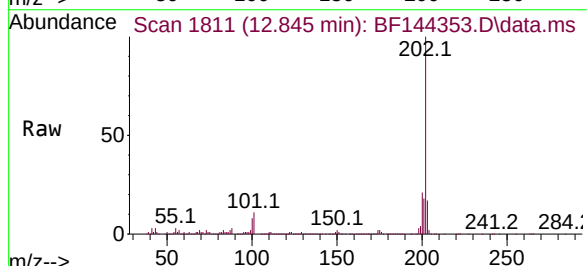
RT: 12.845 min Scan# 1811

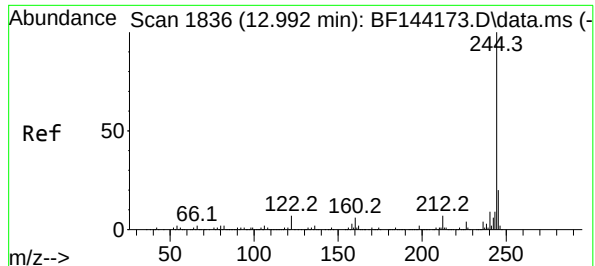
Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Tgt Ion:	202	Resp:	360652
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.2	25.8
203	17.5	13.7	20.5





#79

Terphenyl-d14

Concen: 67.966 ng

RT: 12.980 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:244 Resp: 558112

Ion Ratio Lower Upper

244 100

212 6.1 5.3 7.9

122 7.2 5.6 8.4

Manual Integrations

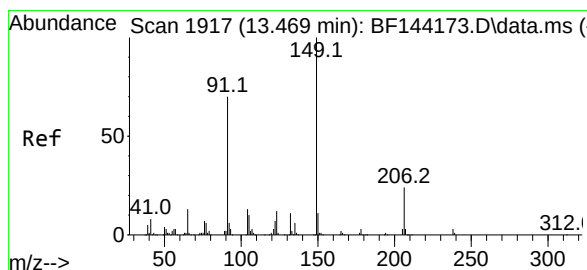
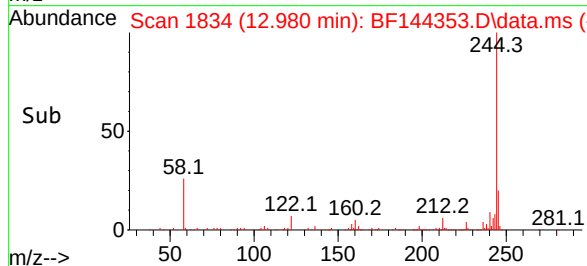
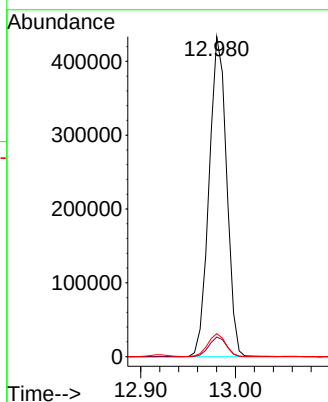
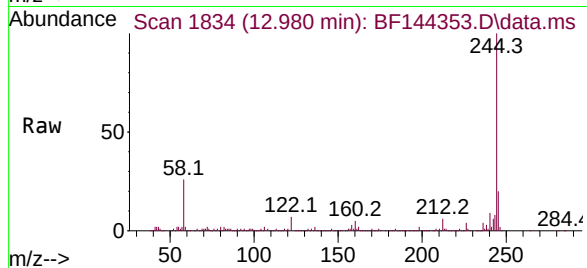
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
ahmed

11/27/2025



#80

Butylbenzylphthalate

Concen: 41.892 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

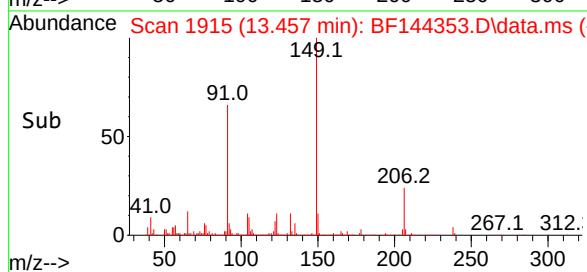
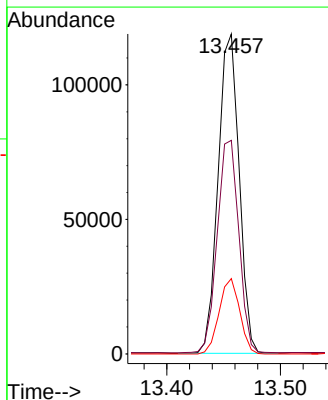
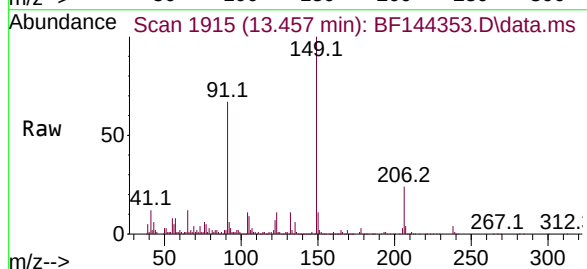
Tgt Ion:149 Resp: 152695

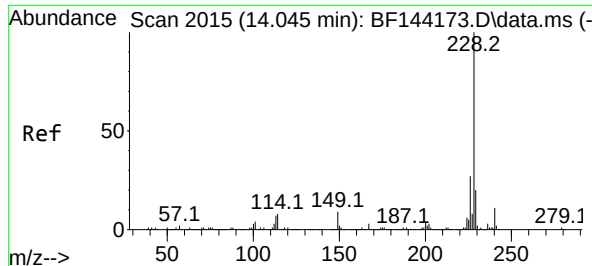
Ion Ratio Lower Upper

149 100

91 66.7 56.1 84.1

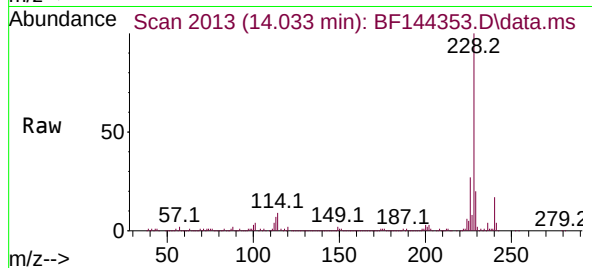
206 23.5 18.8 28.2





#81
Benzo(a)anthracene
Concen: 42.356 ng
RT: 14.033 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



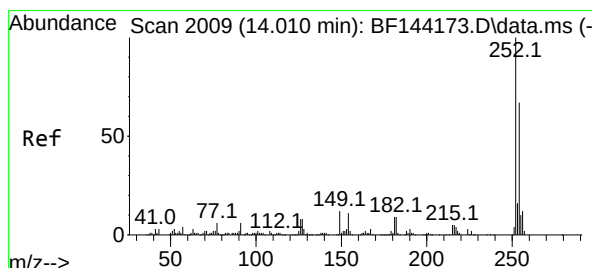
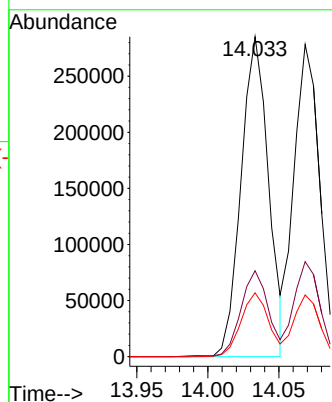
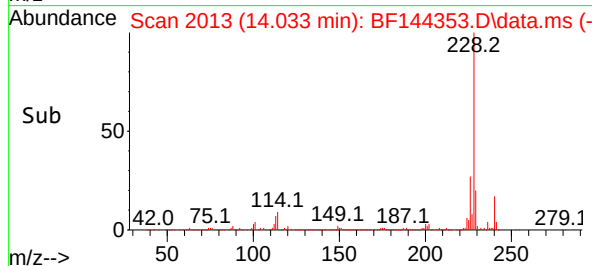
Tgt Ion:228 Resp: 382904
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.9 15.8 23.6

Manual Integrations
APPROVED

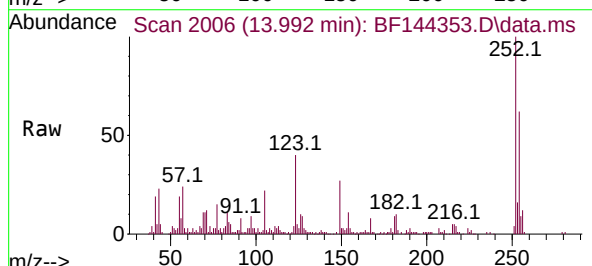
Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

11/26/2025
Supervised By :mohammad
ahmed

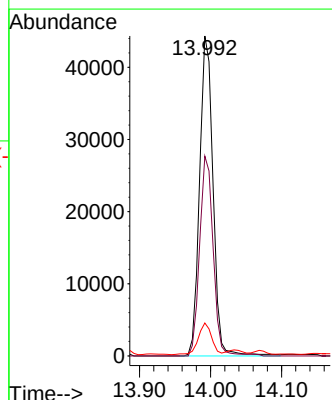
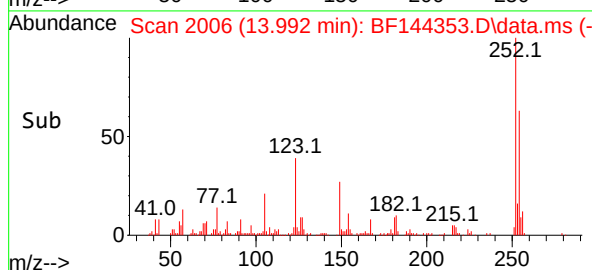
11/27/2025

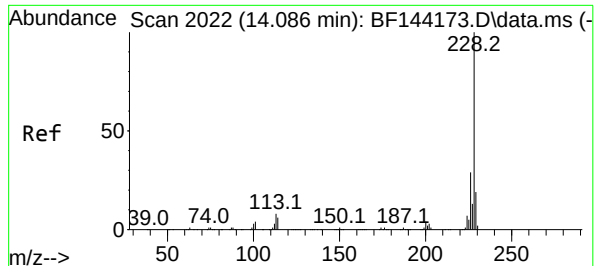


#82
3,3'-Dichlorobenzidine
Concen: 18.769 ng
RT: 13.992 min Scan# 2006
Delta R.T. -0.018 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45



Tgt Ion:252 Resp: 58160
Ion Ratio Lower Upper
252 100
254 62.4 53.5 80.3
126 10.3 6.4 9.6#





#83

Chrysene

Concen: 42.088 ng

RT: 14.068 min Scan# 2009

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:228 Resp: 351228

Ion Ratio Lower Upper

228 100

226 30.4 22.9 34.3

229 19.8 15.0 22.6

Manual Integrations

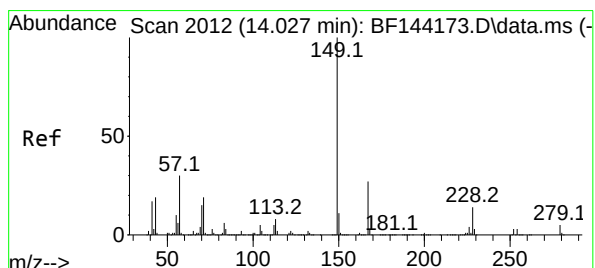
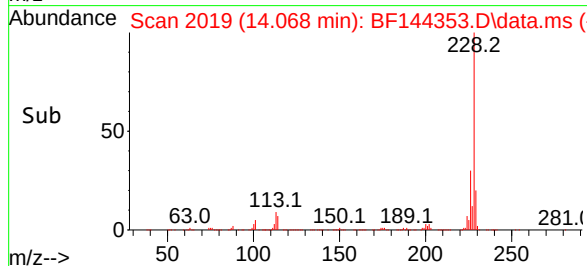
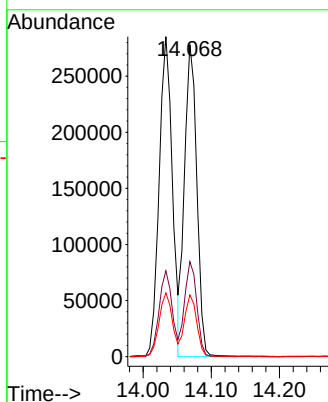
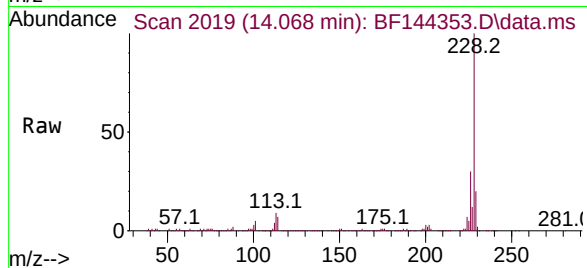
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
ahmed

11/27/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.933 ng

RT: 14.010 min Scan# 2009

Delta R.T. -0.018 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

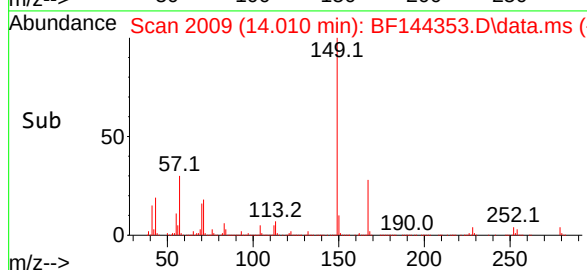
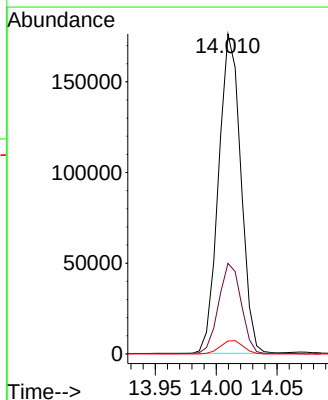
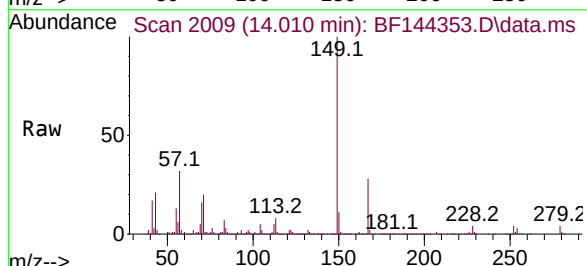
Tgt Ion:149 Resp: 224203

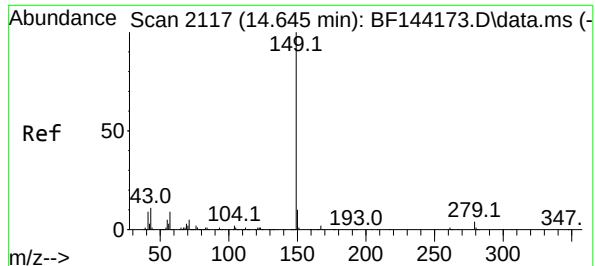
Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

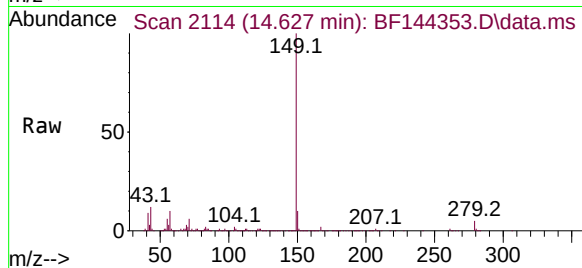
279 4.0 3.7 5.5





#85
Di-n-octyl phthalate
Concen: 47.009 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



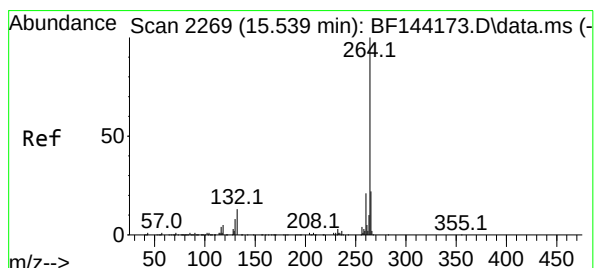
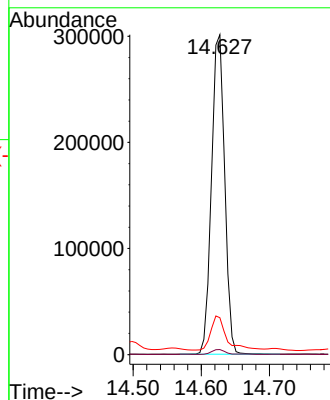
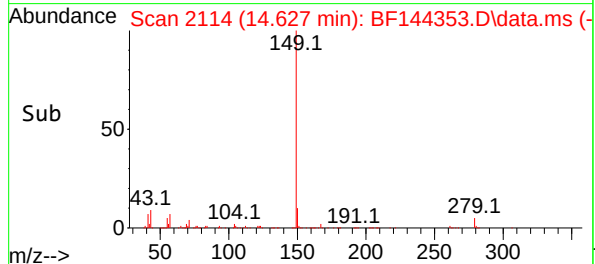
Tgt Ion:149 Resp: 404704
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.5 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

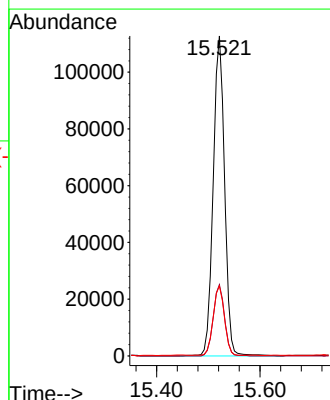
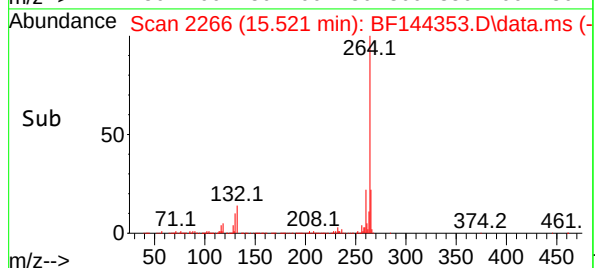
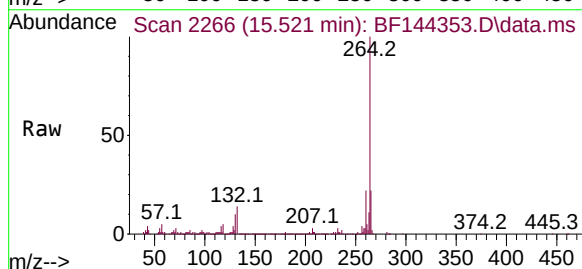
11/26/2025
Supervised By :mohammad
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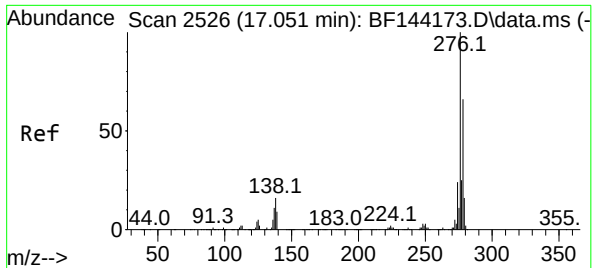
11/27/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion:264 Resp: 172449
Ion Ratio Lower Upper
264 100
260 22.3 17.1 25.7
265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.541 ng

RT: 17.027 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:276 Resp: 501862

Ion Ratio Lower Upper

276 100

138 19.7 13.9 20.9

277 24.7 19.8 29.6

Manual Integrations

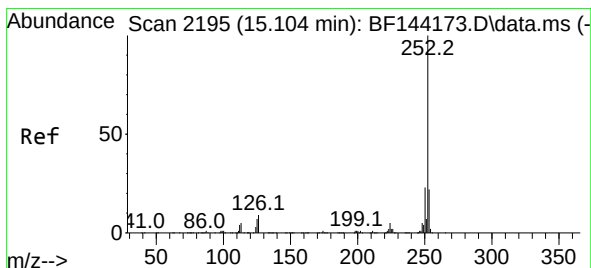
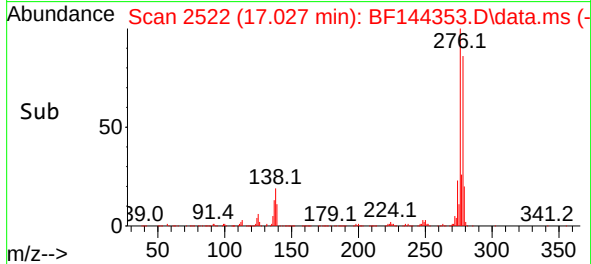
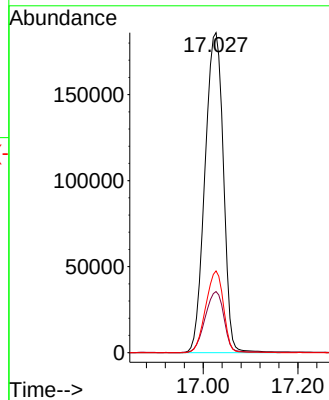
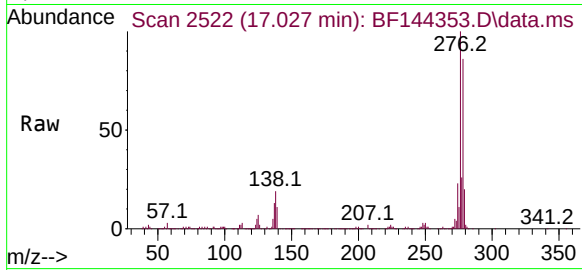
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
ahmed

11/27/2025



#88

Benzo(b)fluoranthene

Concen: 43.313 ng

RT: 15.092 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

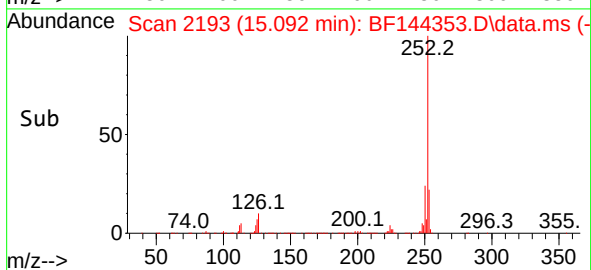
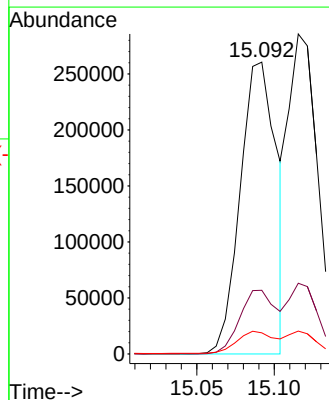
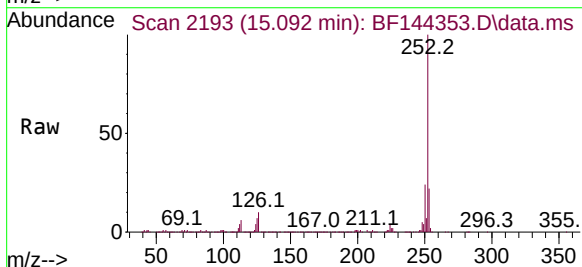
Tgt Ion:252 Resp: 424646

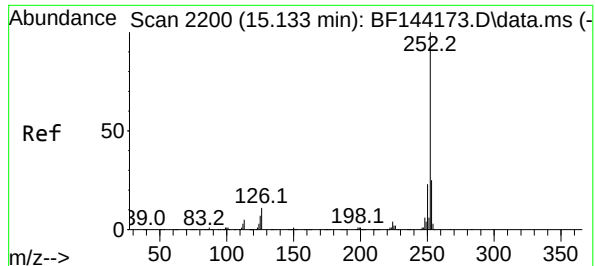
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

125 7.2 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 40.920 ng

RT: 15.115 min Scan# 2115

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

Instrument :

BNA_F

ClientSampleId :

EFF-WWMS

Tgt Ion:252 Resp: 375509

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 7.1 5.4 8.2

Manual Integrations

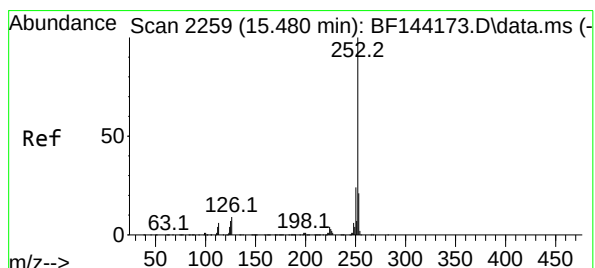
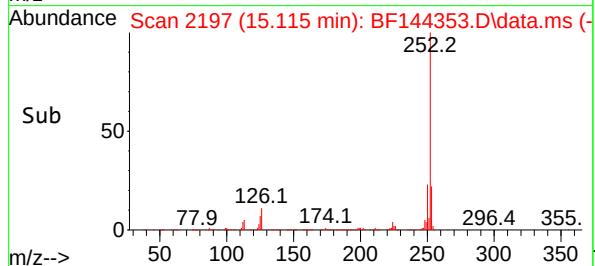
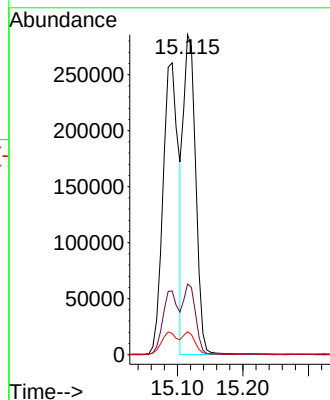
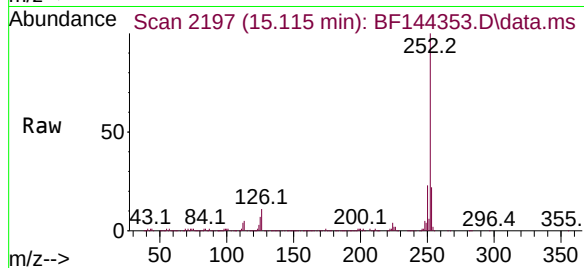
APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2025
Supervised By :mohammad ahmed 11/27/2025

11/26/2025

Supervised By :mohammad
ahmed

11/27/2025



#90

Benzo(a)pyrene

Concen: 41.932 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144353.D

Acq: 25 Nov 2025 16:45

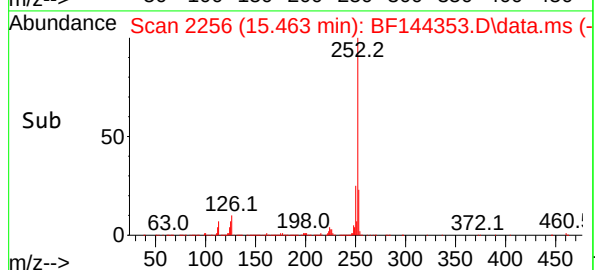
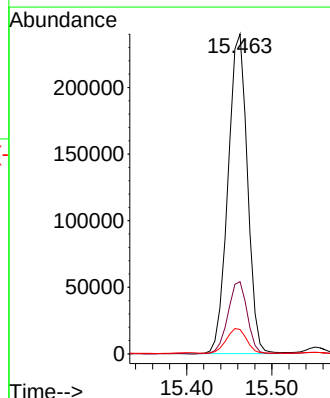
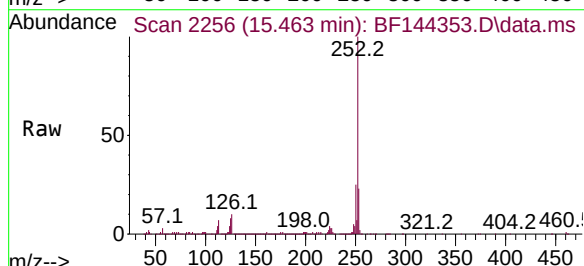
Tgt Ion:252 Resp: 379258

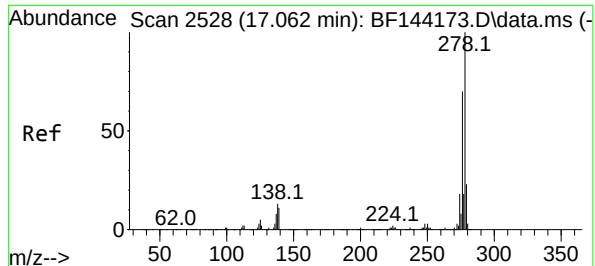
Ion Ratio Lower Upper

252 100

253 22.6 16.7 25.1

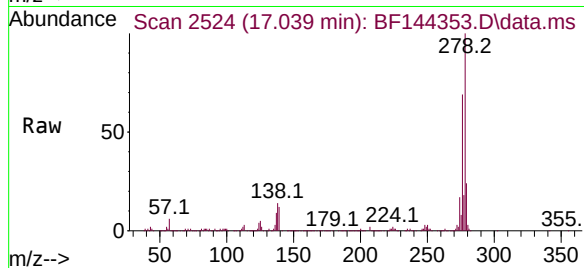
125 7.6 5.7 8.5





#91
Dibenzo(a,h)anthracene
Concen: 40.154 ng
RT: 17.039 min Scan# 2524
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Instrument :
BNA_F
ClientSampleId :
EFF-WWMS



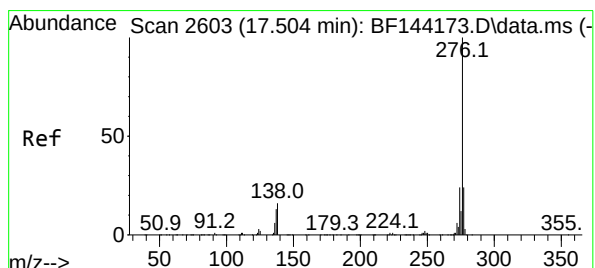
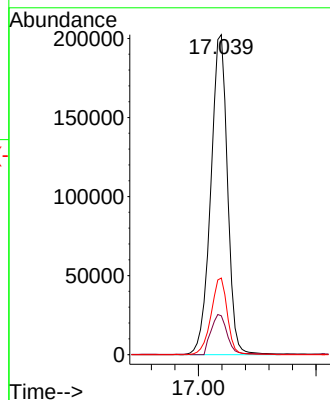
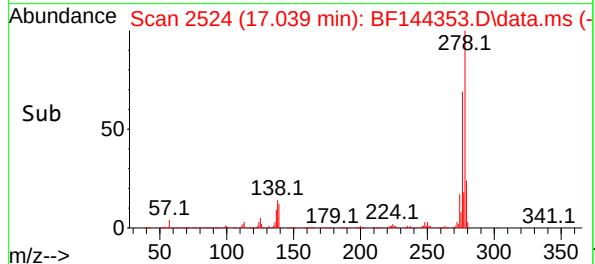
Tgt Ion: 278 Resp: 399195
Ion Ratio Lower Upper
278 100
139 12.1 9.1 13.7
279 23.9 18.2 27.4

Manual Integrations
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Reviewed By : Jagrut Upadhyay 11/26/2025
Supervised By : mohammad ahmed 11/27/2025

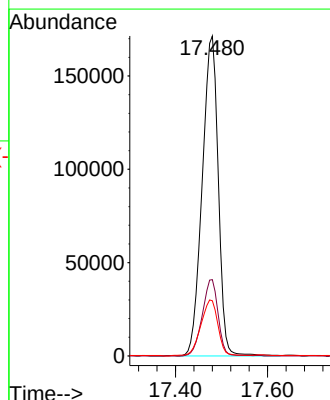
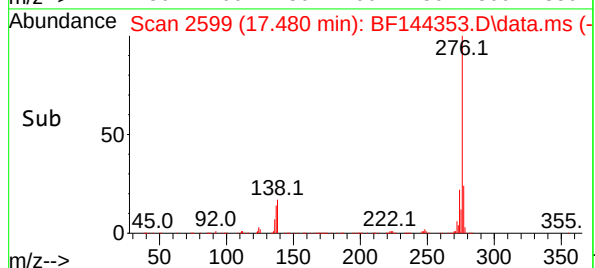
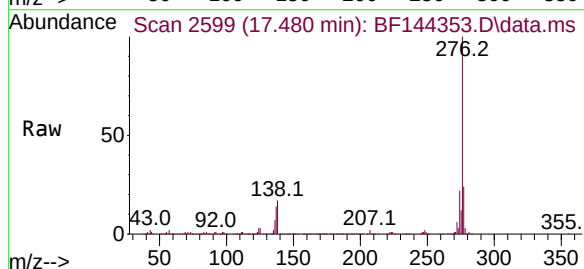
11/26/2025
Supervised By : mohammad
ahmed

11/27/2025



#92
Benzo(g,h,i)perylene
Concen: 42.108 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF144353.D
Acq: 25 Nov 2025 16:45

Tgt Ion: 276 Resp: 413399
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 17.2 12.9 19.3



Report of Analysis

Client: Ardmore Chemical	Date Collected: 11/20/25	
Project: PVSC Monthly 2025	Date Received: 11/20/25	
Client Sample ID: EFF-WWMSD	SDG No.: Q3700	
Lab Sample ID: Q3700-06MSD	Matrix: Water	
Analytical Method: 625.1	% Solid: 0	
Sample Wt/Vol: 690 mL	Test: SVOCMS Group1	
Prep Method : 3510C		
Level: LOW		
Final Vol: 1000 uL		
Prep Date: 11/25/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
62-75-9	n-Nitrosodimethylamine	34.5		1	1.20	14.5	ug/L	11/25/25 17:14	PB170730
108-95-2	Phenol	29.9		1	1.30	7.20	ug/L	11/25/25 17:14	PB170730
111-44-4	bis(2-Chloroethyl)ether	54.2		1	1.20	7.20	ug/L	11/25/25 17:14	PB170730
95-57-8	2-Chlorophenol	51.3		1	0.84	7.20	ug/L	11/25/25 17:14	PB170730
108-60-1	2,2-oxybis(1-Chloropropane)	54.9		1	1.90	7.20	ug/L	11/25/25 17:14	PB170730
621-64-7	n-Nitroso-di-n-propylamine	59.3		1	2.00	7.20	ug/L	11/25/25 17:14	PB170730
67-72-1	Hexachloroethane	44.5		1	0.94	7.20	ug/L	11/25/25 17:14	PB170730
98-95-3	Nitrobenzene	60.5		1	1.10	7.20	ug/L	11/25/25 17:14	PB170730
78-59-1	Isophorone	60.5		1	1.10	7.20	ug/L	11/25/25 17:14	PB170730
88-75-5	2-Nitrophenol	62.1		1	2.60	7.20	ug/L	11/25/25 17:14	PB170730
105-67-9	2,4-Dimethylphenol	63.2		1	2.70	7.20	ug/L	11/25/25 17:14	PB170730
111-91-1	bis(2-Chloroethoxy)methane	60.9		1	0.99	7.20	ug/L	11/25/25 17:14	PB170730
120-83-2	2,4-Dichlorophenol	48.5		1	0.75	7.20	ug/L	11/25/25 17:14	PB170730
120-82-1	1,2,4-Trichlorobenzene	45.1		1	0.78	7.20	ug/L	11/25/25 17:14	PB170730
91-20-3	Naphthalene	56.6		1	0.72	7.20	ug/L	11/25/25 17:14	PB170730
87-68-3	Hexachlorobutadiene	49.5		1	0.78	7.20	ug/L	11/25/25 17:14	PB170730
59-50-7	4-Chloro-3-methylphenol	49.8		1	0.86	7.20	ug/L	11/25/25 17:14	PB170730
77-47-4	Hexachlorocyclopentadiene	69.2		1	5.30	14.5	ug/L	11/25/25 17:14	PB170730
88-06-2	2,4,6-Trichlorophenol	49.9		1	0.74	7.20	ug/L	11/25/25 17:14	PB170730
91-58-7	2-Chloronaphthalene	60.4		1	0.88	7.20	ug/L	11/25/25 17:14	PB170730
131-11-3	Dimethylphthalate	60.9		1	0.88	7.20	ug/L	11/25/25 17:14	PB170730
208-96-8	Acenaphthylene	68.0		1	1.10	7.20	ug/L	11/25/25 17:14	PB170730
606-20-2	2,6-Dinitrotoluene	63.8		1	1.30	7.20	ug/L	11/25/25 17:14	PB170730
83-32-9	Acenaphthene	54.9		1	0.80	7.20	ug/L	11/25/25 17:14	PB170730
51-28-5	2,4-Dinitrophenol	120	E	1	8.70	14.5	ug/L	11/25/25 17:14	PB170730
100-02-7	4-Nitrophenol	54.0		1	3.40	14.5	ug/L	11/25/25 17:14	PB170730
121-14-2	2,4-Dinitrotoluene	60.6		1	1.80	7.20	ug/L	11/25/25 17:14	PB170730
84-66-2	Diethylphthalate	58.1		1	1.00	7.20	ug/L	11/25/25 17:14	PB170730
7005-72-3	4-Chlorophenyl-phenylether	56.6		1	0.99	7.20	ug/L	11/25/25 17:14	PB170730
86-73-7	Fluorene	59.6		1	0.91	7.20	ug/L	11/25/25 17:14	PB170730
534-52-1	4,6-Dinitro-2-methylphenol	58.0		1	4.20	14.5	ug/L	11/25/25 17:14	PB170730
86-30-6	n-Nitrosodiphenylamine	64.7		1	0.84	7.20	ug/L	11/25/25 17:14	PB170730
103-33-3	Azobenzene	63.0		1	1.20	7.20	ug/L	11/25/25 17:14	PB170730
101-55-3	4-Bromophenyl-phenylether	59.5		1	0.58	7.20	ug/L	11/25/25 17:14	PB170730
118-74-1	Hexachlorobenzene	60.7		1	0.75	7.20	ug/L	11/25/25 17:14	PB170730
87-86-5	Pentachlorophenol	130	E	1	2.30	14.5	ug/L	11/25/25 17:14	PB170730
85-01-8	Phenanthrene	63.5		1	0.72	7.20	ug/L	11/25/25 17:14	PB170730
120-12-7	Anthracene	64.5		1	0.88	7.20	ug/L	11/25/25 17:14	PB170730
84-74-2	Di-n-butylphthalate	42.7		1	1.80	7.20	ug/L	11/25/25 17:14	PB170730
206-44-0	Fluoranthene	64.2		1	1.20	7.20	ug/L	11/25/25 17:14	PB170730
92-87-5	Benzidine	28.5		1	6.20	14.5	ug/L	11/25/25 17:14	PB170730
129-00-0	Pyrene	50.7		1	0.72	7.20	ug/L	11/25/25 17:14	PB170730



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

Report of Analysis

Client:	Ardmore Chemical		Date Collected:	11/20/25
Project:	PVSC Monthly 2025		Date Received:	11/20/25
Client Sample ID:	EFF-WWMSD		SDG No.:	Q3700
Lab Sample ID:	Q3700-06MSD		Matrix:	Water
Analytical Method:	625.1	Level: LOW	% Solid:	0
Sample Wt/Vol:	690 mL	Final Vol:	1000 uL	Test:
Prep Method :	3510C	Prep Date:	11/25/25 SVOCMS Group1	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
85-68-7	Butylbenzylphthalate	63.1		1	2.80	7.20	ug/L	11/25/25 17:14	PB170730
91-94-1	3,3-Dichlorobenzidine	31.8		1	1.30	14.5	ug/L	11/25/25 17:14	PB170730
56-55-3	Benzo(a)anthracene	64.8		1	0.65	7.20	ug/L	11/25/25 17:14	PB170730
218-01-9	Chrysene	65.1		1	0.64	7.20	ug/L	11/25/25 17:14	PB170730
117-81-7	Bis(2-ethylhexyl)phthalate	68.6		1	2.30	7.20	ug/L	11/25/25 17:14	PB170730
117-84-0	Di-n-octyl phthalate	72.1		1	3.40	14.5	ug/L	11/25/25 17:14	PB170730
205-99-2	Benzo(b)fluoranthene	64.5		1	0.71	7.20	ug/L	11/25/25 17:14	PB170730
207-08-9	Benzo(k)fluoranthene	59.5		1	0.70	7.20	ug/L	11/25/25 17:14	PB170730
50-32-8	Benzo(a)pyrene	63.5		1	0.80	7.20	ug/L	11/25/25 17:14	PB170730
193-39-5	Indeno(1,2,3-cd)pyrene	59.5		1	0.86	7.20	ug/L	11/25/25 17:14	PB170730
53-70-3	Dibenzo(a,h)anthracene	60.5		1	0.97	7.20	ug/L	11/25/25 17:14	PB170730
191-24-2	Benzo(g,h,i)perylene	60.9		1	1.00	7.20	ug/L	11/25/25 17:14	PB170730

SURROGATES

367-12-4	2-Fluorophenol	57.5	*		60 - 140	58%	SPK: 100
13127-88-3	Phenol-d6	40.1	*		60 - 140	40%	SPK: 100
4165-60-0	Nitrobenzene-d5	87.3			60 - 140	87%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.7			60 - 140	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	71.5			60 - 140	72%	SPK: 100
1718-51-0	Terphenyl-d14	70.8			60 - 140	71%	SPK: 100

INTERNAL STANDARDS

INTERNAL STANDARDS		Area Count
3855-82-1	1,4-Dichlorobenzene-d4	51300
1146-65-2	Naphthalene-d8	176000
15067-26-2	Acenaphthene-d10	91900
1517-22-2	Phenanthrene-d10	144000
1719-03-5	Chrysene-d12	125000
1520-96-3	Perylene-d12	173000

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\BF112525\
 Data File : BF144354.D
 Acq On : 25 Nov 2025 17:14
 Operator : RC/JU
 Sample : Q3700-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

Quant Time: Nov 25 17:38:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	51254	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	175810	20.000	ng	#-0.01
39) Acenaphthene-d10	9.904	164	91917	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	143744	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	124635	20.000	ng	0.00
86) Perylene-d12	15.521	264	173017	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	188353	57.507	ng	0.00
7) Phenol-d6	6.498	99	148789	40.092	ng	0.00
23) Nitrobenzene-d5	7.428	82	265823	87.325	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	82491	71.517	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	508224	81.662	ng	0.00
79) Terphenyl-d14	12.980	244	555825	70.837	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	33599	24.813	ng	96
3) Pyridine	3.440	79	75959	20.107	ng	97
4) n-Nitrosodimethylamine	3.352	42	47005	23.820	ng	88
6) Aniline	6.528	93	77802	14.714	ng	96
8) 2-Chlorophenol	6.651	128	113706	35.400	ng	98
9) Benzaldehyde	6.416	77	38791	18.511	ng	99
10) Phenol	6.510	94	93653	20.655	ng	97
11) bis(2-Chloroethyl)ether	6.593	93	123594	37.408	ng	96
12) 1,3-Dichlorobenzene	6.804	146	125843	31.750	ng	97
13) 1,4-Dichlorobenzene	6.881	146	129228	32.544	ng	99
14) 1,2-Dichlorobenzene	7.034	146	125683	33.022	ng	97
15) Benzyl Alcohol	7.010	79	94289	32.086	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	230645	37.909	ng	90
17) 2-Methylphenol	7.122	107	82022	32.099	ng	95
18) Hexachloroethane	7.369	117	40480	30.684	ng	94
19) n-Nitroso-di-n-propyla...	7.269	70	99924	40.901	ng	99
20) 3+4-Methylphenols	7.275	107	91374	30.334	ng	# 85
22) Acetophenone	7.269	105	165763	43.951	ng	97
24) Nitrobenzene	7.445	77	138005	41.755	ng	96
25) Isophorone	7.681	82	240199	41.716	ng	100
26) 2-Nitrophenol	7.763	139	70128	42.863	ng	97
27) 2,4-Dimethylphenol	7.798	122	106874	43.582	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	151091	42.021	ng	97
29) 2,4-Dichlorophenol	8.004	162	94665	33.493	ng	96
30) 1,2,4-Trichlorobenzene	8.087	180	90297	31.112	ng	99
31) Naphthalene	8.169	128	326436	39.033	ng	99
32) Benzoic acid	8.104	122	82204m	45.732	ng	
33) 4-Chloroaniline	8.222	127	21686	7.110	ng	97
34) Hexachlorobutadiene	8.281	225	74677	34.141	ng	98
35) Caprolactam	8.657	113	14525m	18.758	ng	
36) 4-Chloro-3-methylphenol	8.698	107	86994	34.344	ng	98
37) 2-Methylnaphthalene	8.857	142	205714	36.790	ng	100
38) 1-Methylnaphthalene	8.957	142	205986	38.179	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	124813	41.433	ng	100
41) Hexachlorocyclopentadiene	9.010	237	46514	47.724	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	70532	34.401	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144354.D
 Acq On : 25 Nov 2025 17:14
 Operator : RC/JU
 Sample : Q3700-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

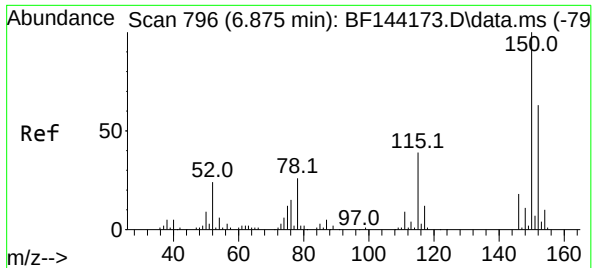
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	83869	37.954	ng	97
46) 1,1'-Biphenyl	9.322	154	274352	42.760	ng	100
47) 2-Chloronaphthalene	9.345	162	227971	41.654	ng	98
48) 2-Nitroaniline	9.445	65	65944	41.759	ng	95
49) Acenaphthylene	9.763	152	349921	46.918	ng	99
50) Dimethylphthalate	9.622	163	255876	42.020	ng	99
51) 2,6-Dinitrotoluene	9.686	165	54274	44.029	ng	95
52) Acenaphthene	9.933	154	188774	37.850	ng	99
53) 3-Nitroaniline	9.857	138	18673	13.858	ng	99
54) 2,4-Dinitrophenol	9.975	184	59954	80.545	ng	92
55) Dibenzofuran	10.110	168	273768	39.193	ng	99
56) 4-Nitrophenol	10.033	139	36308	37.249	ng	92
57) 2,4-Dinitrotoluene	10.092	165	68990	41.808	ng	# 94
58) Fluorene	10.457	166	218454	41.134	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	41952	26.833	ng	# 96
60) Diethylphthalate	10.328	149	224882	40.061	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	118206	39.074	ng	98
62) 4-Nitroaniline	10.475	138	34849	27.157	ng	94
63) Azobenzene	10.604	77	227078	43.466	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	39092	40.032	ng	94
66) n-Nitrosodiphenylamine	10.563	169	206497	44.666	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	75310	41.046	ng	96
68) Hexachlorobenzene	11.004	284	90529	41.890	ng	96
69) Atrazine	11.104	200	13226	8.996	ng	91
70) Pentachlorophenol	11.210	266	96674	89.834	ng	98
71) Phenanthrene	11.422	178	313760	43.841	ng	99
72) Anthracene	11.469	178	323975	44.519	ng	99
73) Carbazole	11.627	167	279982	45.245	ng	99
74) Di-n-butylphthalate	11.951	149	220457	29.470	ng	99
75) Fluoranthene	12.610	202	327261	44.266	ng	99
77) Benzidine	12.739	184	72474	19.659	ng	# 8
78) Pyrene	12.845	202	351378	34.966	ng	100
80) Butylbenzylphthalate	13.457	149	151760	43.572	ng	96
81) Benzo(a)anthracene	14.033	228	386391	44.731	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	64882	21.913	ng	96
83) Chrysene	14.068	228	358358	44.940	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	225556	47.307	ng	98
85) Di-n-octyl phthalate	14.627	149	409424	49.770	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.027	276	510265	41.085	ng	98
88) Benzo(b)fluoranthene	15.086	252	438017	44.530	ng	99
89) Benzo(k)fluoranthene	15.115	252	377856	41.041	ng	99
90) Benzo(a)pyrene	15.463	252	397725	43.829	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	416098	41.716	ng	99
92) Benzo(g,h,i)perylene	17.480	276	414029	42.034	ng	99

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

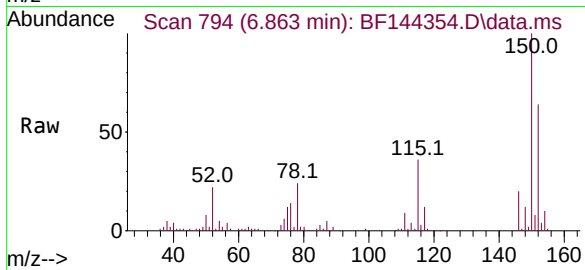
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BNA_F
ClientSampleId :
EFF-WWMSD

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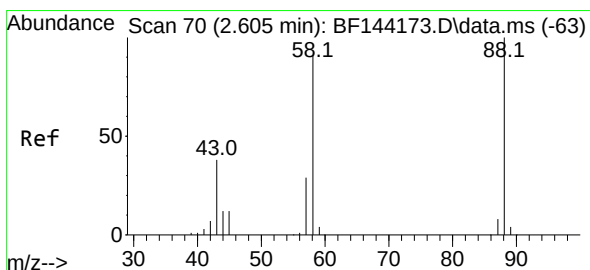
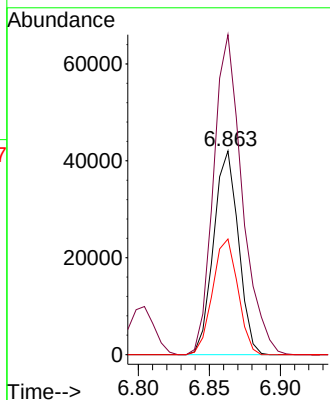
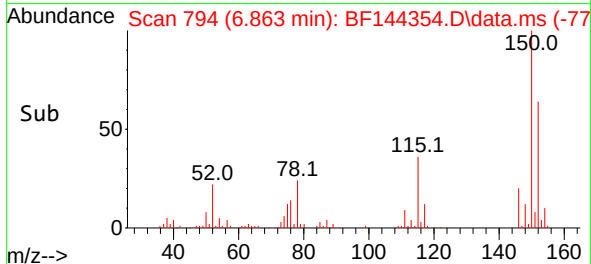


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

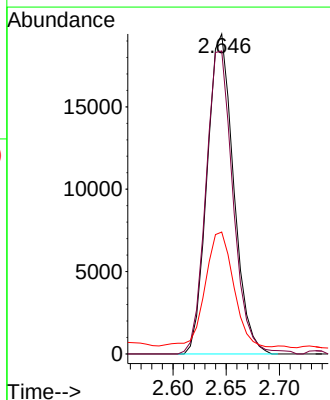
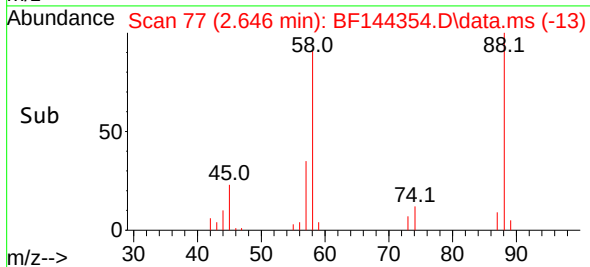
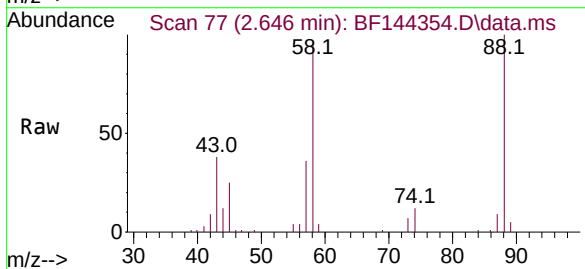


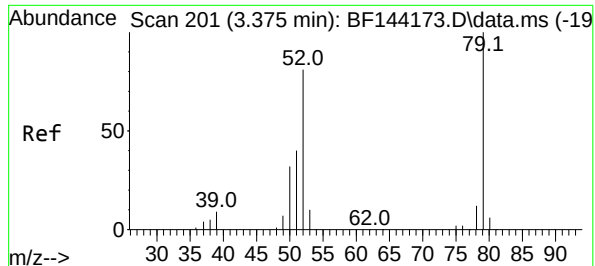
Tgt Ion:152 Resp: 51254
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.0
115 56.8 49.5 74.3



#2
1,4-Dioxane
Concen: 24.813 ng
RT: 2.646 min Scan# 77
Delta R.T. 0.029 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

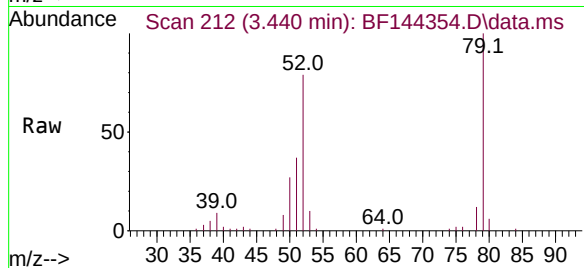
Tgt Ion: 88 Resp: 33599
Ion Ratio Lower Upper
88 100
58 97.1 73.1 109.7
43 38.3 31.0 46.6



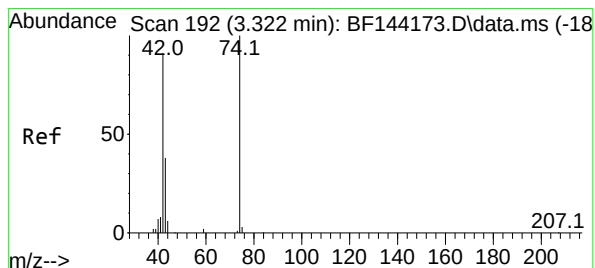
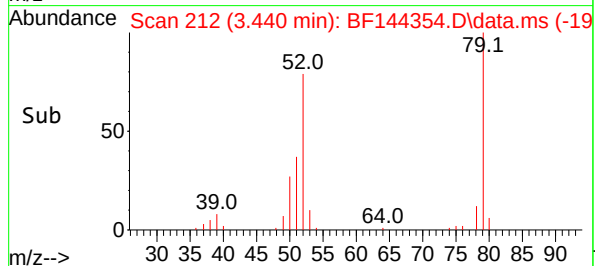
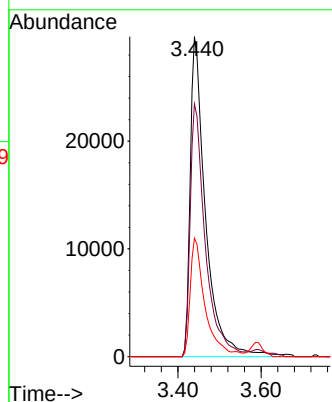


#3
Pyridine
Concen: 20.107 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

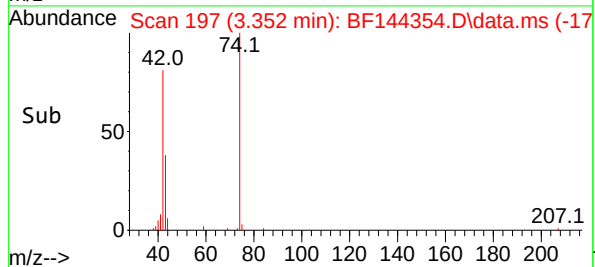
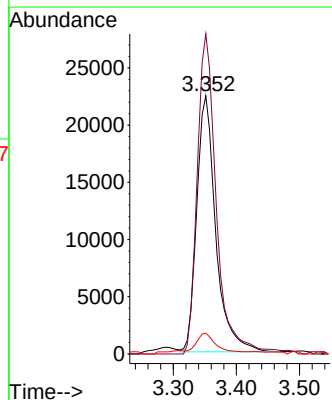
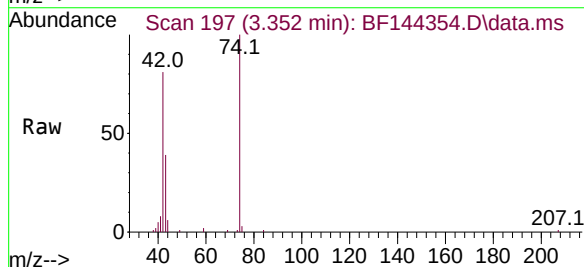


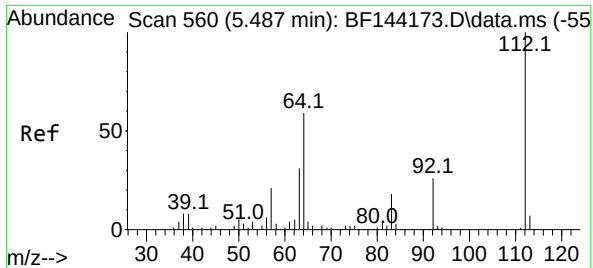
Tgt Ion	Ratio	Lower	Upper
79	100		
52	79.0	64.5	96.7
51	37.0	31.7	47.5



#4
n-Nitrosodimethylamine
Concen: 23.820 ng
RT: 3.352 min Scan# 197
Delta R.T. 0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.0	88.2	132.4
44	8.0	5.7	8.5

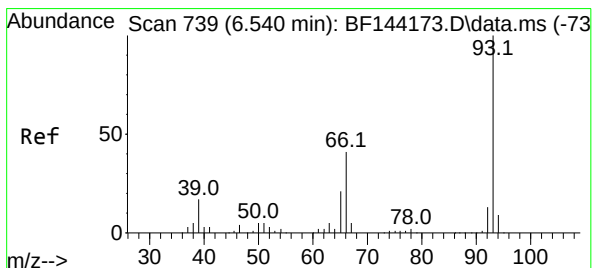
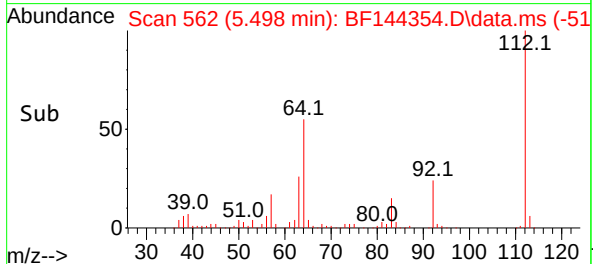
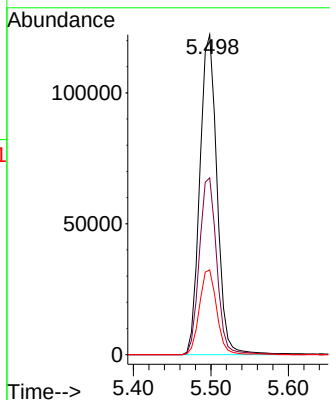
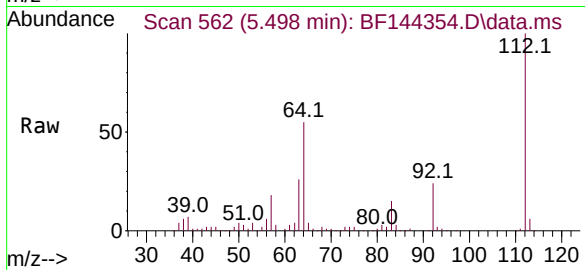




#5
2-Fluorophenol
Concen: 57.507 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

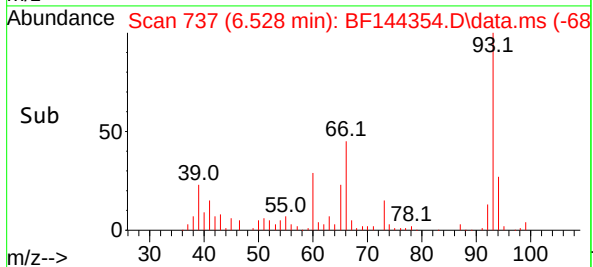
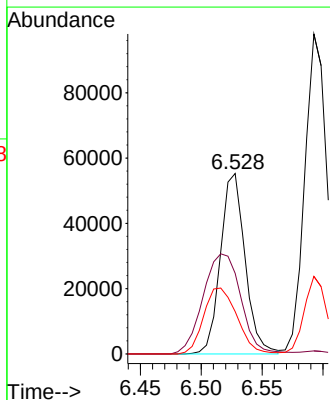
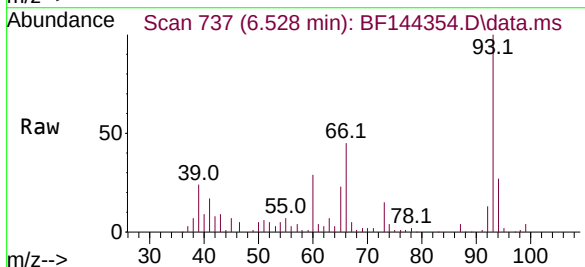
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

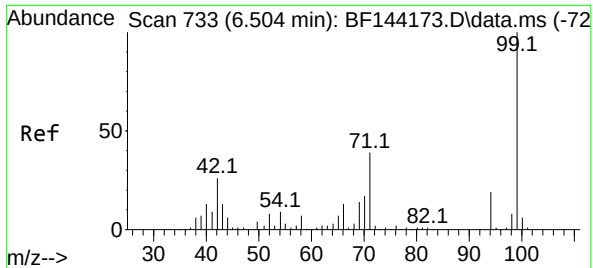
Tgt Ion:112 Resp: 188353
Ion Ratio Lower Upper
112 100
64 55.2 47.2 70.8
63 26.5 24.4 36.6



#6
Aniline
Concen: 14.714 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 93 Resp: 77802
Ion Ratio Lower Upper
93 100
66 44.7 34.3 51.5
65 23.4 16.9 25.3

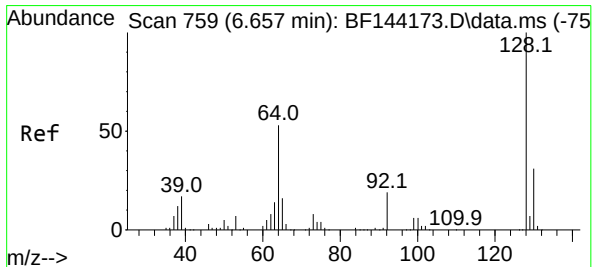
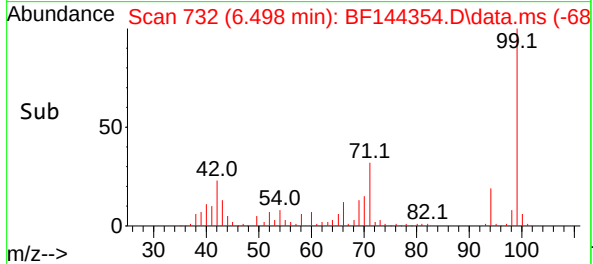
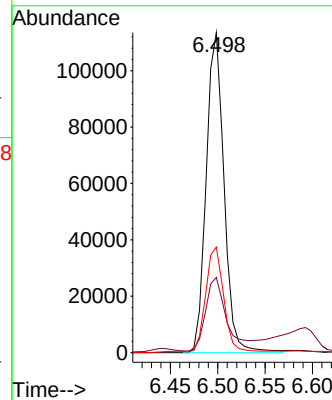
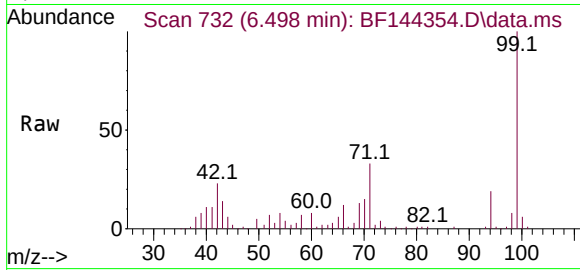




#7
Phenol-d6
Concen: 40.092 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

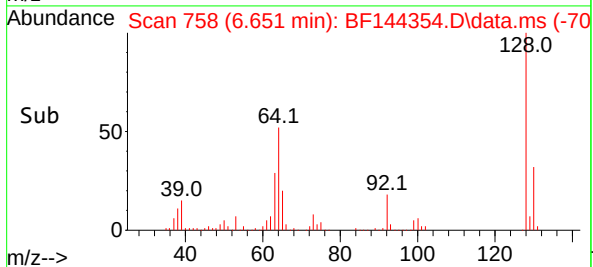
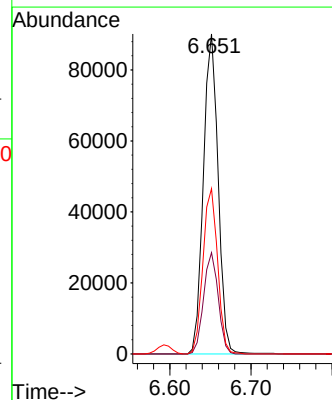
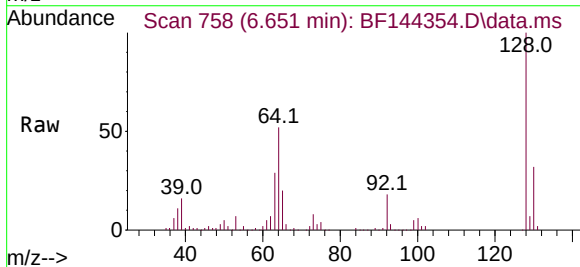
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EFF-WWMSD

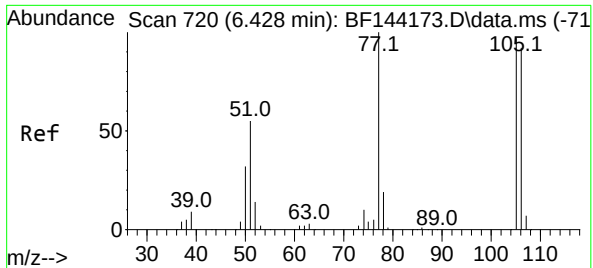
Tgt Ion: 99 Resp: 148789
Ion Ratio Lower Upper
99 100
42 23.5 20.9 31.3
71 33.0 31.4 47.2



#8
2-Chlorophenol
Concen: 35.400 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 128 Resp: 113706
Ion Ratio Lower Upper
128 100
130 31.6 10.5 50.5
64 51.6 33.2 73.2

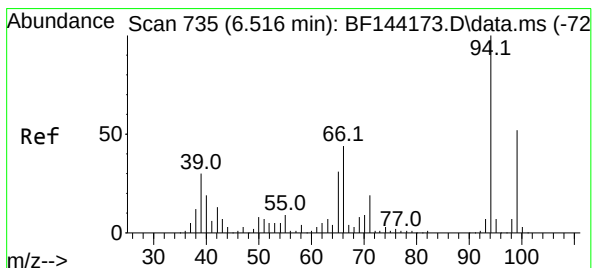
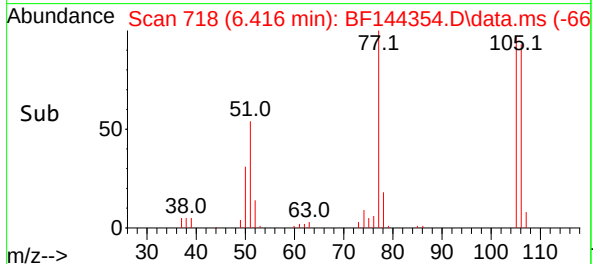
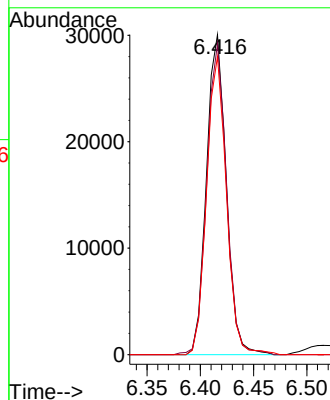
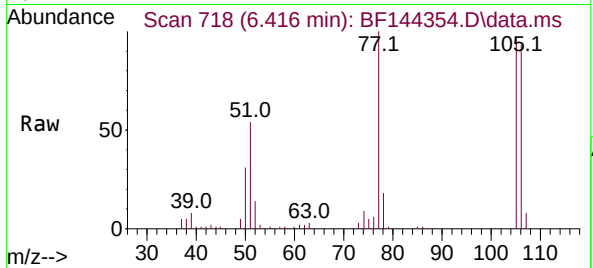




#9
Benzaldehyde
Concen: 18.511 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

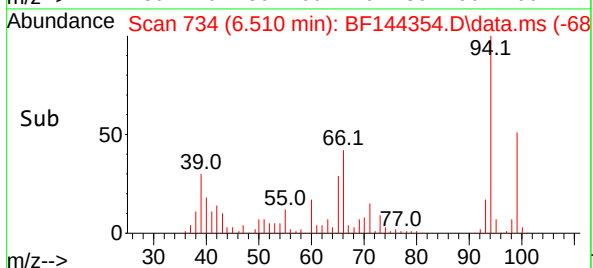
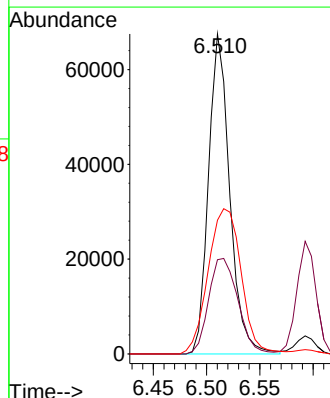
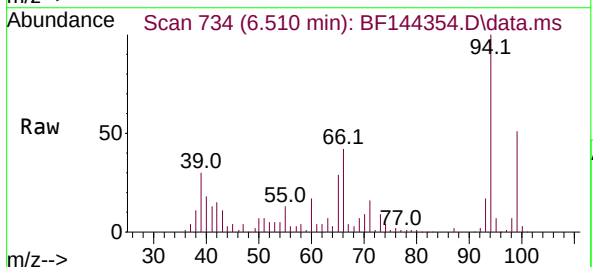
Instrument :
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ClientSampleId :
EFF-WWMSD

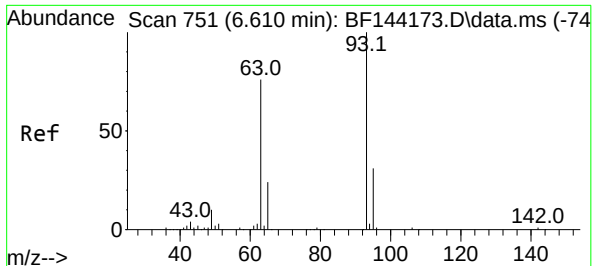
Tgt Ion: 77 Resp: 38791
Ion Ratio Lower Upper
77 100
105 97.1 77.2 117.2
106 93.1 72.2 112.2



#10
Phenol
Concen: 20.655 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.000 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 94 Resp: 93653
Ion Ratio Lower Upper
94 100
65 29.4 10.8 50.8
66 41.8 24.3 64.3

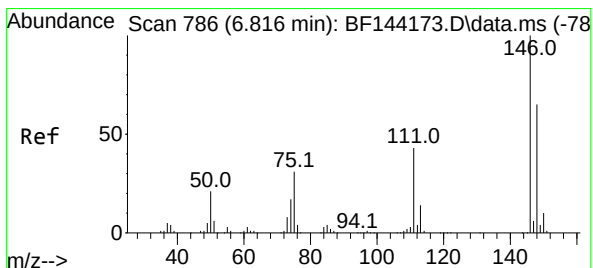
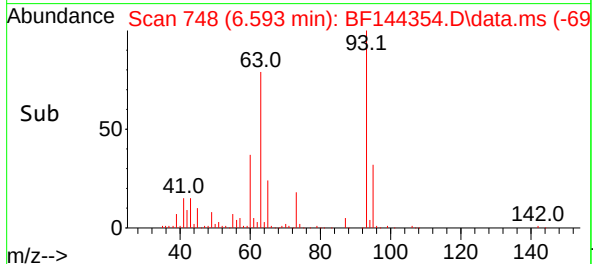
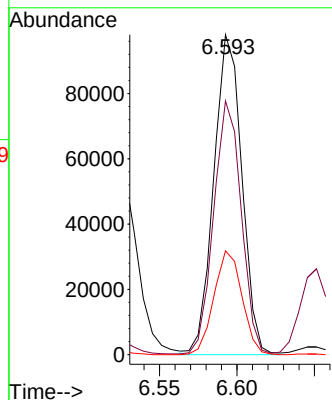
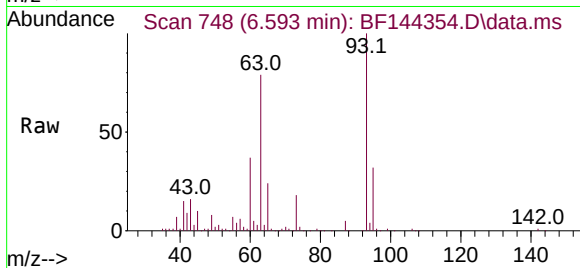




#11
bis(2-Chloroethyl)ether
Concen: 37.408 ng
RT: 6.593 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

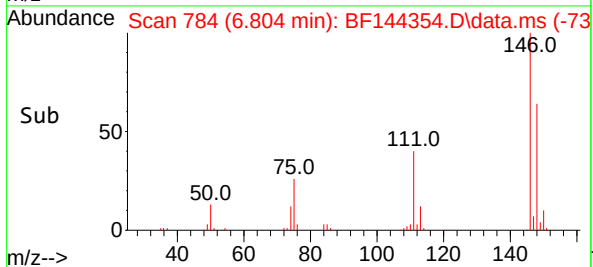
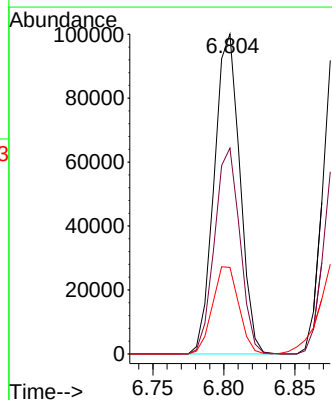
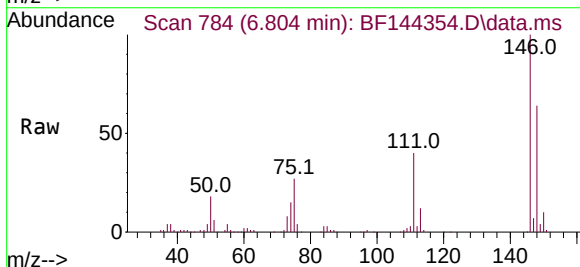
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

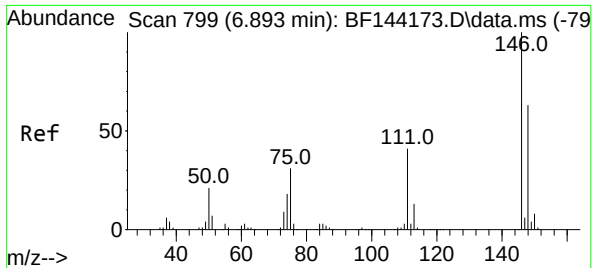
Tgt Ion:	93	Ratio	100	Lower	Upper
93	100				
63	79.3		55.2	95.2	
95	32.4		11.2	51.2	



#12
1,3-Dichlorobenzene
Concen: 31.750 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:	146	Ratio	100	Lower	Upper
146	100				
148	64.3		51.8	77.8	
75	27.0		25.0	37.4	





#13

1,4-Dichlorobenzene

Concen: 32.544 ng

RT: 6.881 min Scan# 799

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

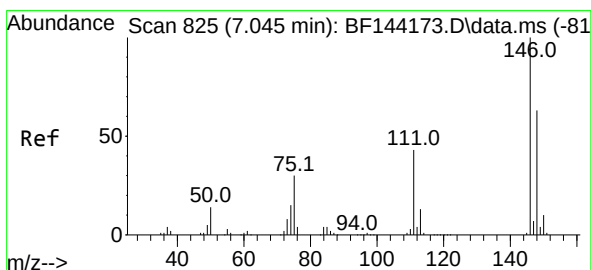
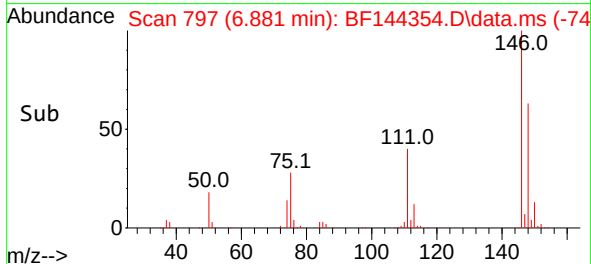
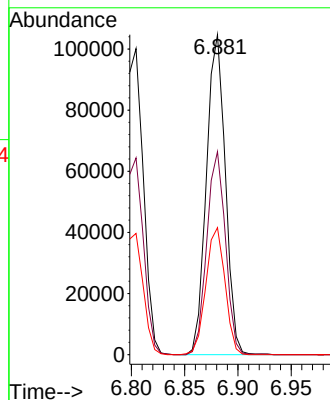
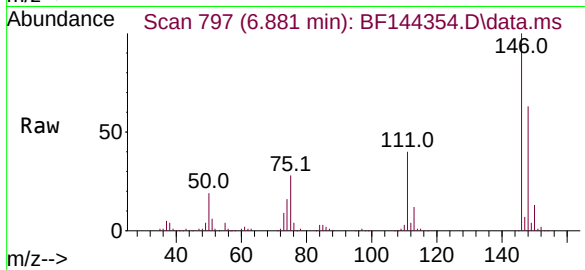
Tgt Ion:146 Resp: 129228

Ion Ratio Lower Upper

146 100

148 63.4 50.2 75.2

111 39.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 33.022 ng

RT: 7.034 min Scan# 823

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

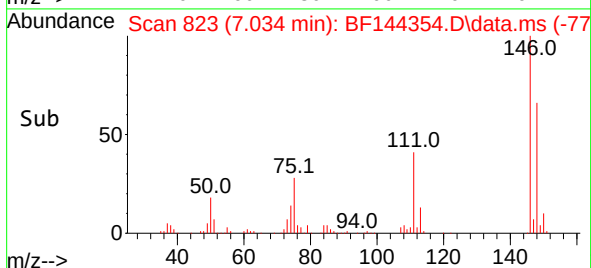
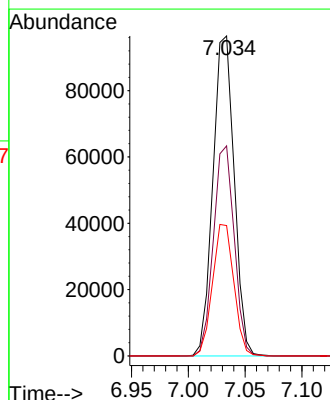
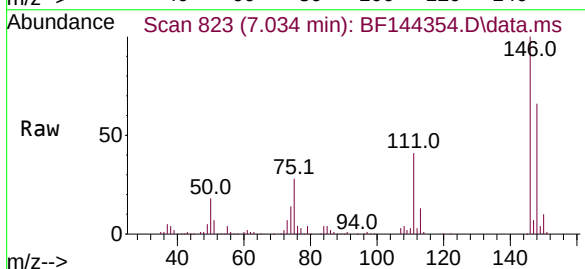
Tgt Ion:146 Resp: 125683

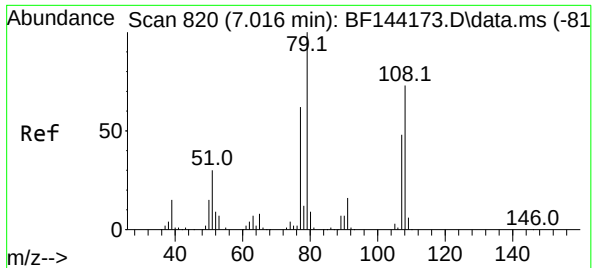
Ion Ratio Lower Upper

146 100

148 65.6 50.7 76.1

111 40.7 34.2 51.4

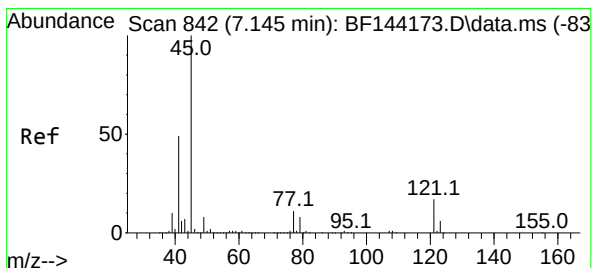
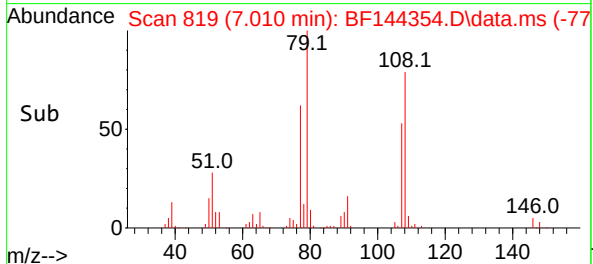
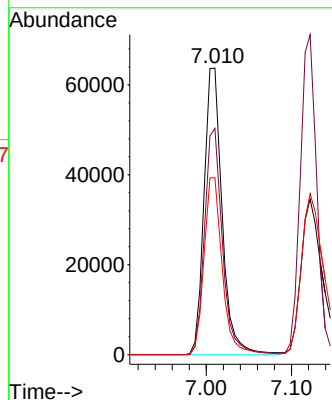
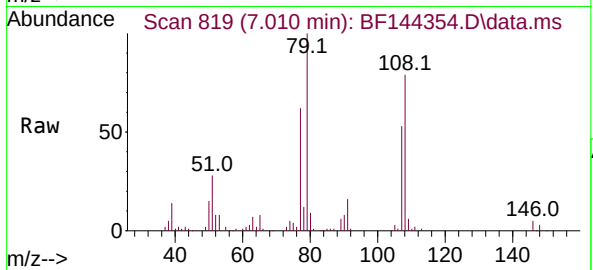




#15
Benzyl Alcohol
Concen: 32.086 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

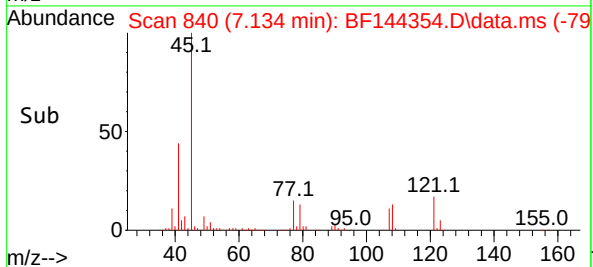
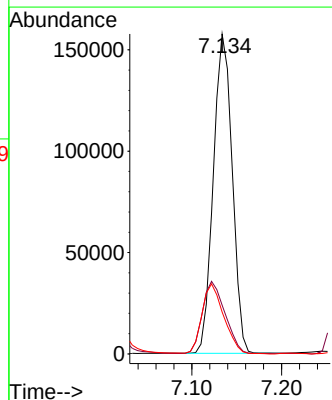
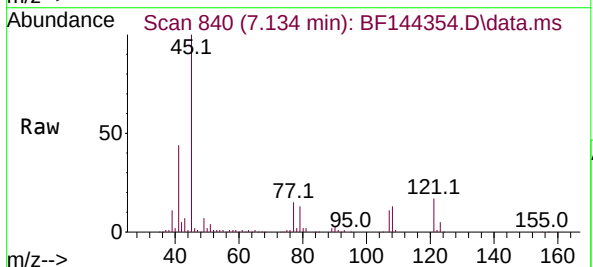
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

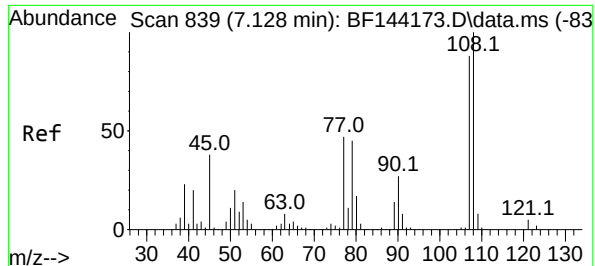
Tgt Ion: 79 Resp: 94289
Ion Ratio Lower Upper
79 100
108 78.9 58.2 87.4
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.909 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion: 45 Resp: 230645
Ion Ratio Lower Upper
45 100
77 15.2 0.0 31.8
79 13.1 0.0 29.1

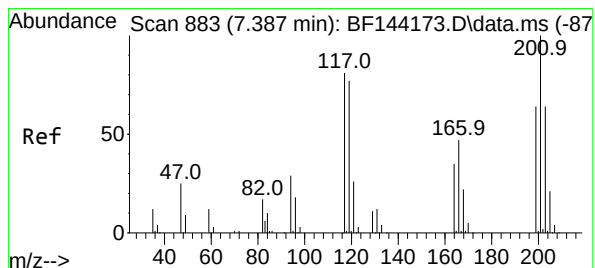
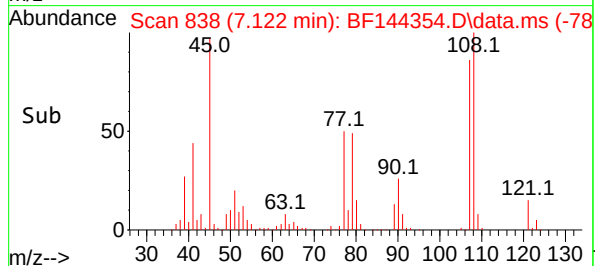
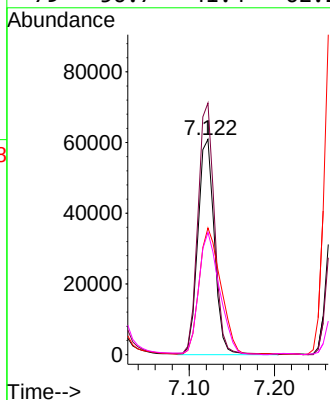
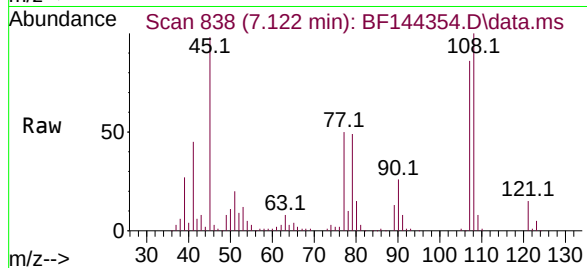




#17
2-Methylphenol
Concen: 32.099 ng
RT: 7.122 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

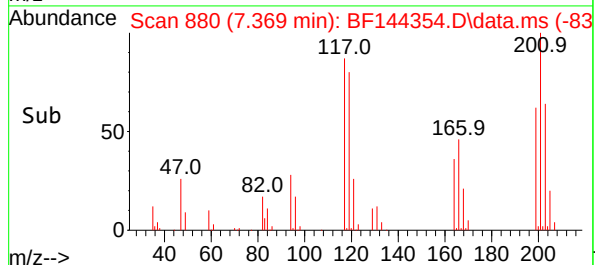
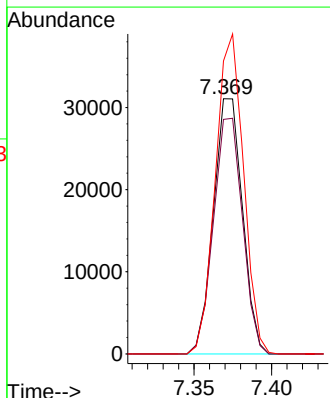
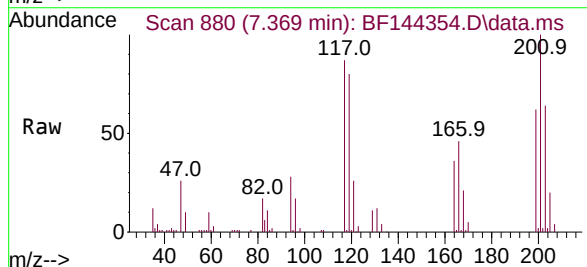
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

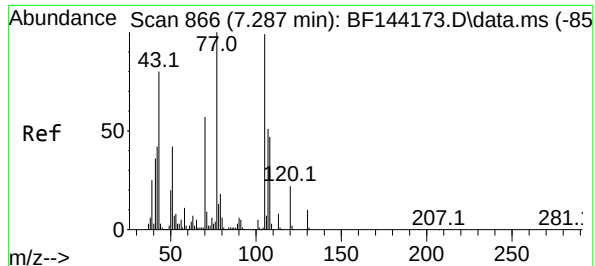
Tgt Ion:	107	Resp:	82022
Ion	Ratio	Lower	Upper
107	100		
108	116.8	91.0	136.4
77	58.8	42.7	64.1
79	56.7	41.4	62.2



#18
Hexachloroethane
Concen: 30.684 ng
RT: 7.369 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:	117	Resp:	40480
Ion	Ratio	Lower	Upper
117	100		
119	91.9	75.8	113.8
201	114.8	98.9	148.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.901 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

Tgt Ion: 70 Resp: 99924

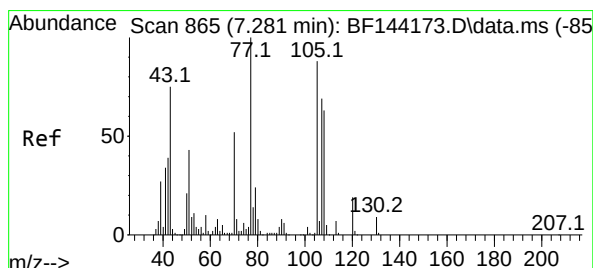
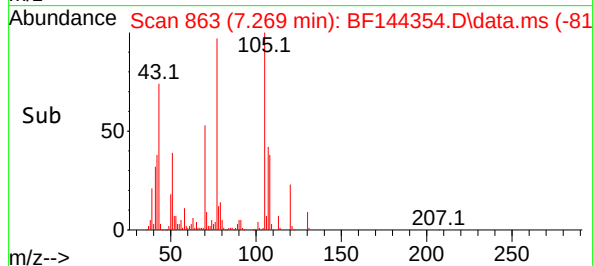
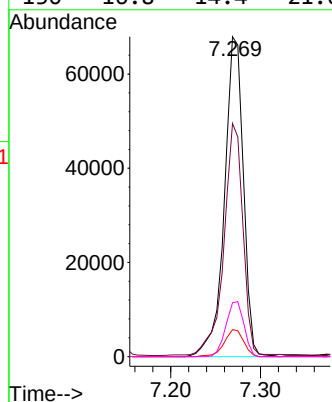
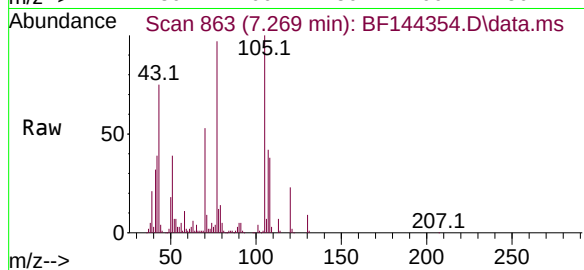
Ion Ratio Lower Upper

70 100

42 72.9 58.3 87.5

101 8.4 7.0 10.6

130 16.8 14.4 21.6



#20

3+4-Methylphenols

Concen: 30.334 ng

RT: 7.275 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Tgt Ion: 107 Resp: 91374

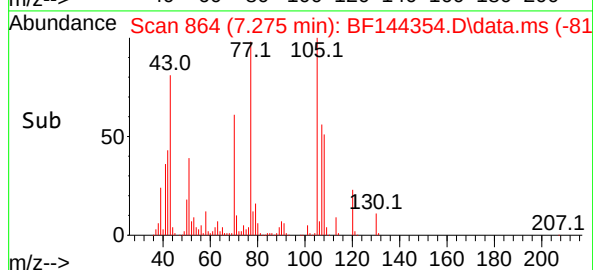
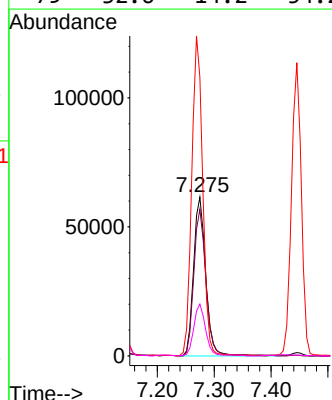
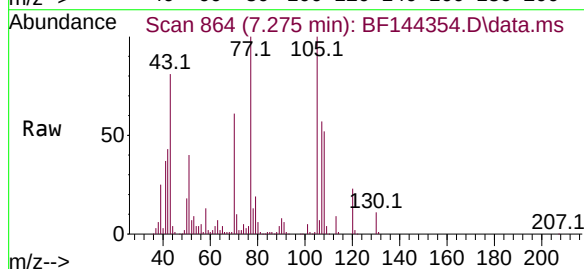
Ion Ratio Lower Upper

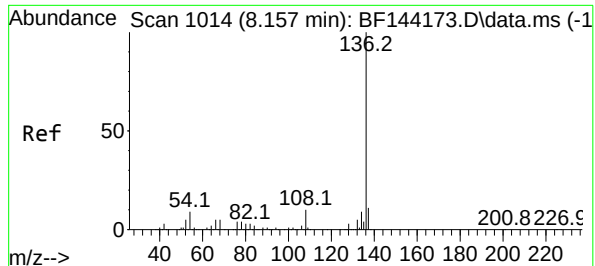
107 100

108 92.2 70.2 110.2

77 175.3 123.9 163.9#

79 32.6 14.2 54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

Tgt Ion:136 Resp: 175810

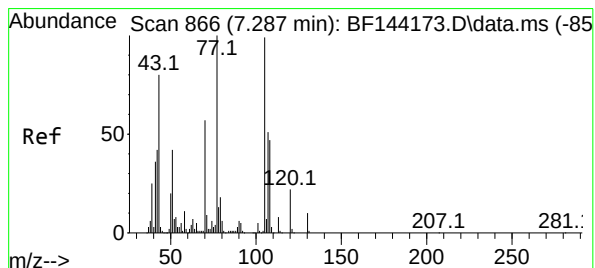
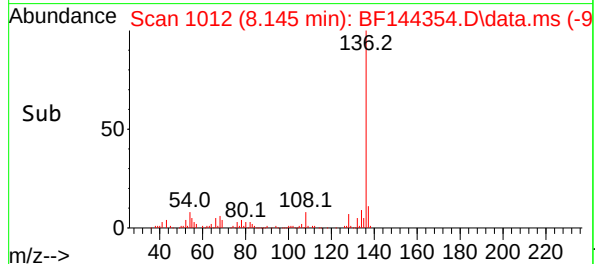
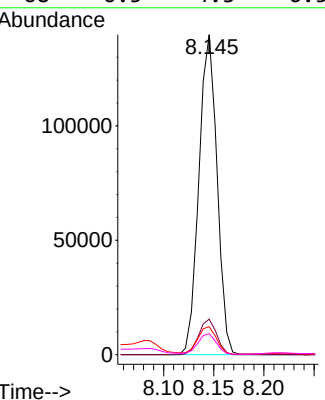
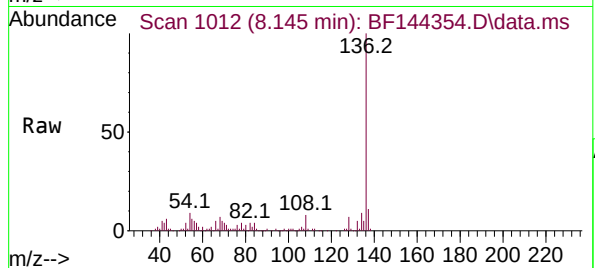
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 8.7 7.0 10.6

68 6.5 4.3 6.5#



#22

Acetophenone

Concen: 43.951 ng

RT: 7.269 min Scan# 863

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Tgt Ion:105 Resp: 165763

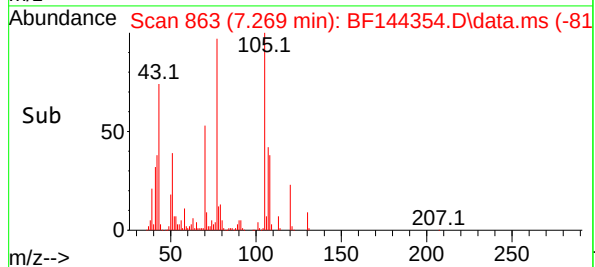
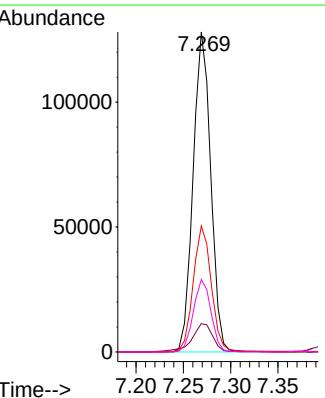
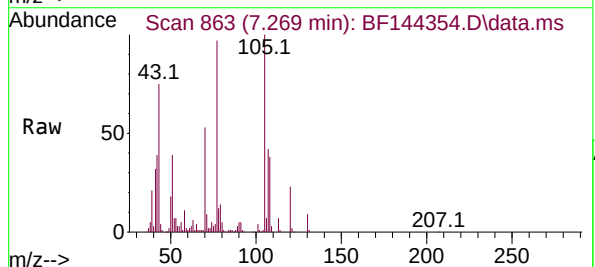
Ion Ratio Lower Upper

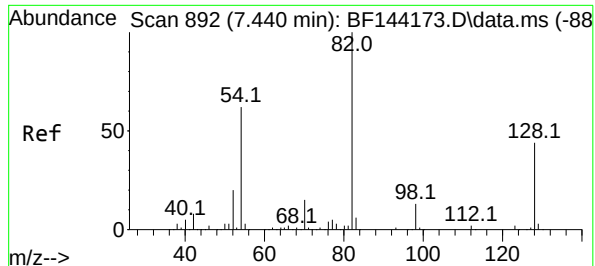
105 100

71 8.8 7.2 10.8

51 39.4 34.0 51.0

120 22.6 17.8 26.6





#23

Nitrobenzene-d5

Concen: 87.325 ng

RT: 7.428 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

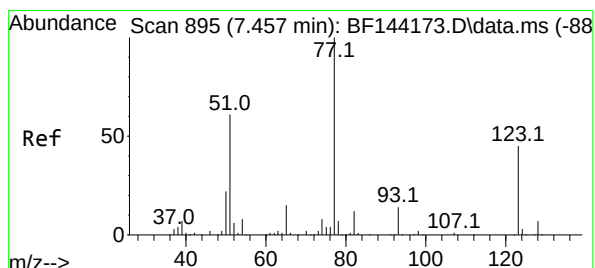
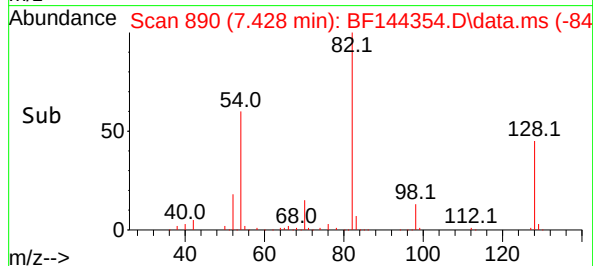
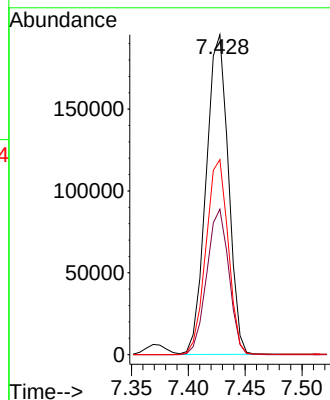
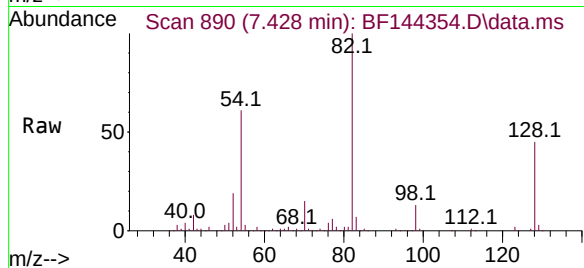
BNA_F

ClientSampleId :

EFF-WWMSD

Tgt Ion: 82 Resp: 265823

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.7	52.1
54	60.9	49.5	74.3



#24

Nitrobenzene

Concen: 41.755 ng

RT: 7.445 min Scan# 893

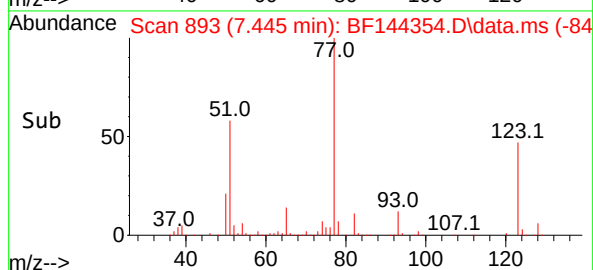
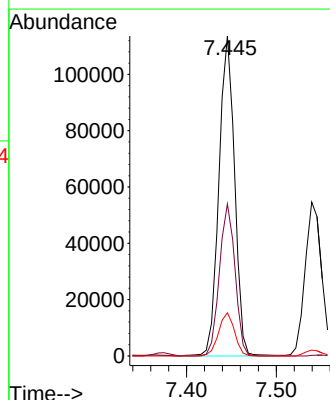
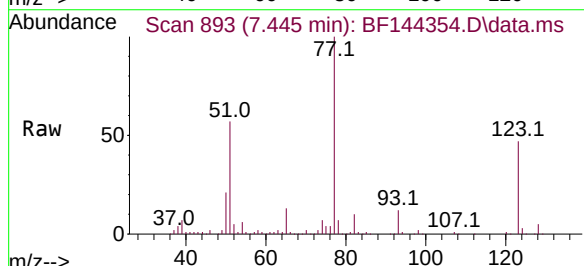
Delta R.T. -0.006 min

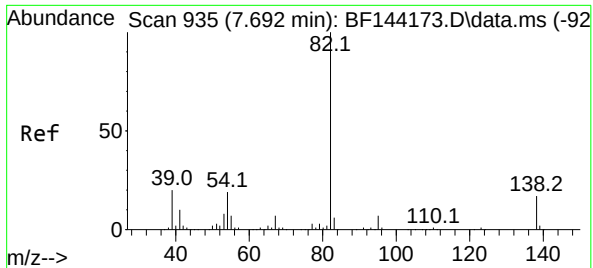
Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Tgt Ion: 77 Resp: 138005

Ion	Ratio	Lower	Upper
77	100		
123	47.5	35.8	53.8
65	13.5	12.2	18.2

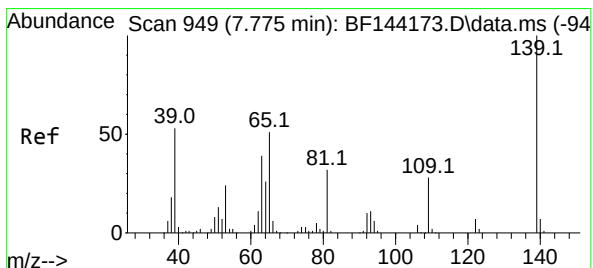
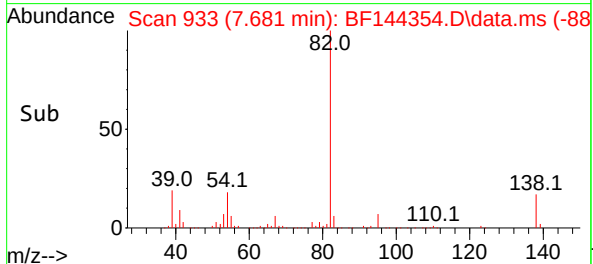
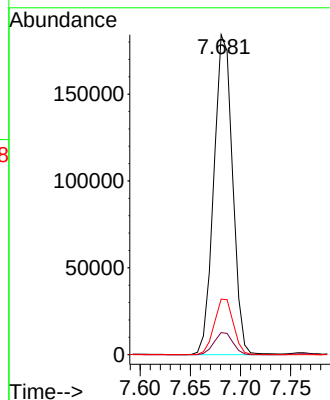
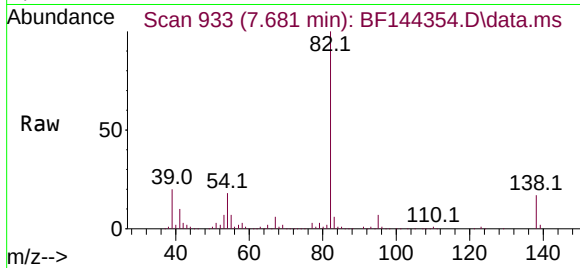




#25
Isophorone
Concen: 41.716 ng
RT: 7.681 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

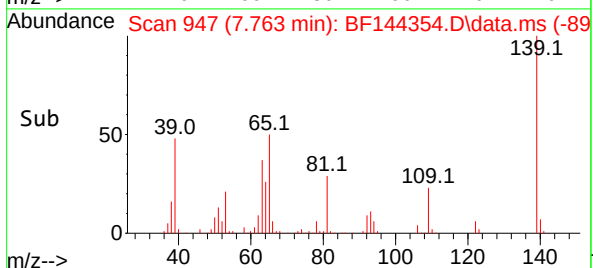
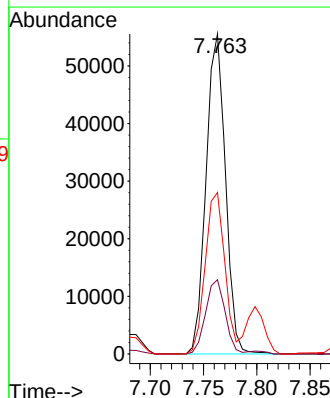
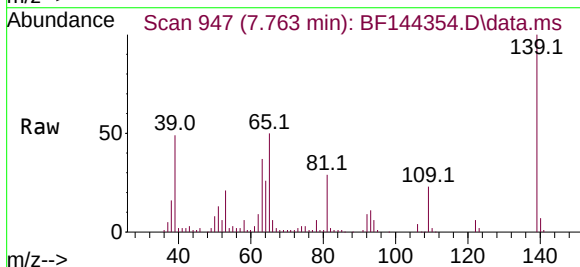
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

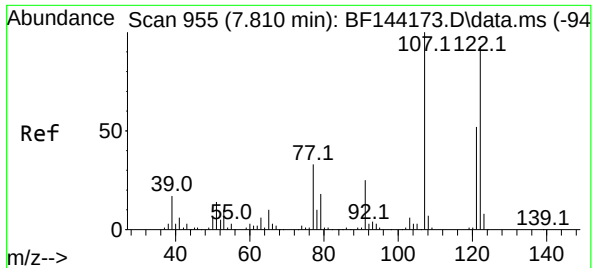
Tgt Ion	82	95	138
Resp	240199		
Ratio	100	6.9	17.3
Lower		5.5	13.7
Upper		8.3	20.5



#26
2-Nitrophenol
Concen: 42.863 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion	139	109	65
Resp	70128		
Ratio	100	23.2	50.4
Lower		22.2	40.7
Upper		33.2	61.1





#27

2,4-Dimethylphenol

Concen: 43.582 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

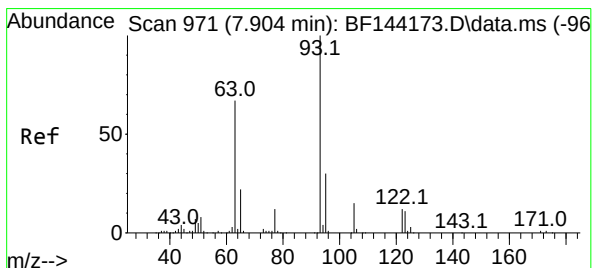
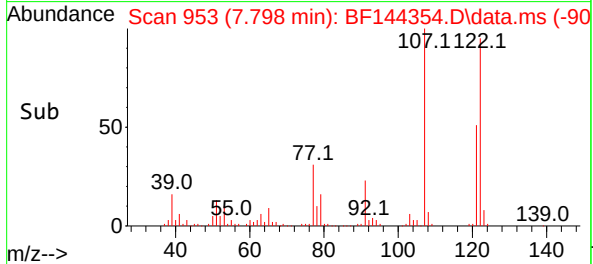
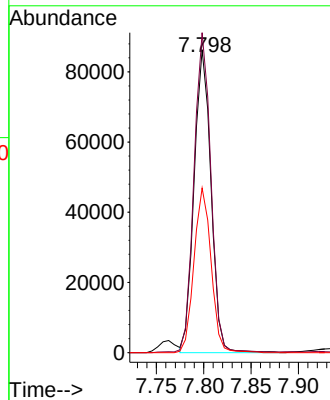
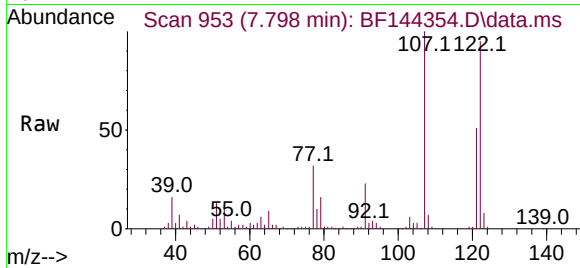
Tgt Ion:122 Resp: 106874

Ion Ratio Lower Upper

122 100

107 105.6 86.2 129.4

121 54.3 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 42.021 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

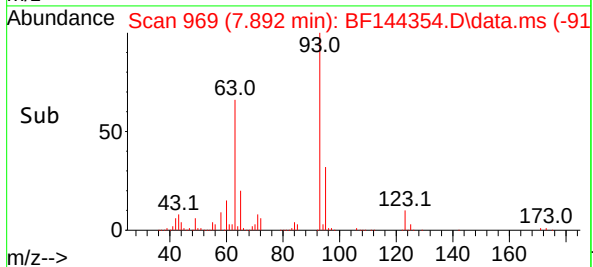
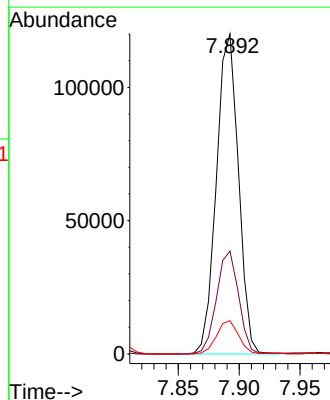
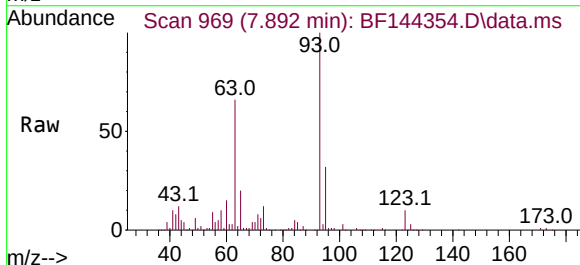
Tgt Ion: 93 Resp: 151091

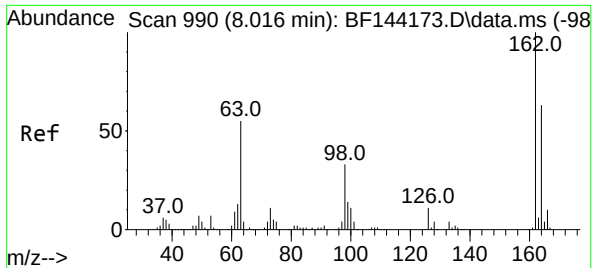
Ion Ratio Lower Upper

93 100

95 32.1 24.2 36.4

123 10.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 33.493 ng

RT: 8.004 min Scan# 98

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

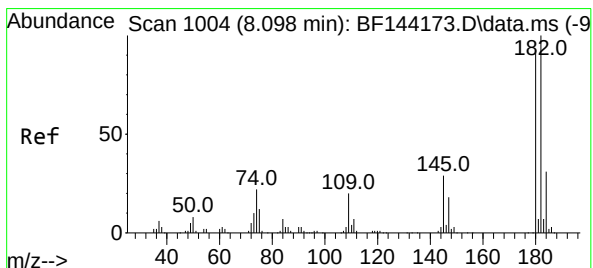
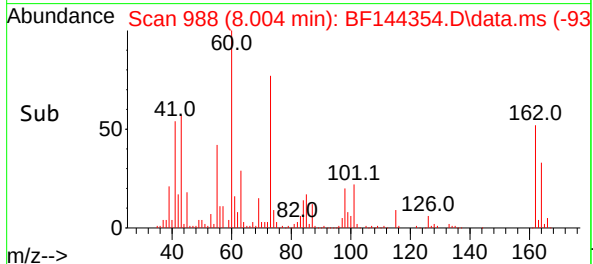
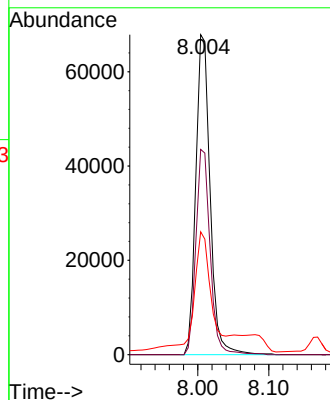
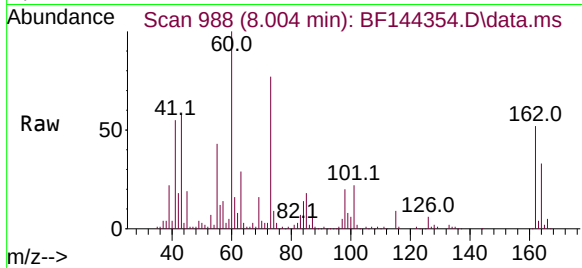
Tgt Ion:162 Resp: 94665

Ion Ratio Lower Upper

162 100

164 64.1 42.9 82.9

98 38.4 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 31.112 ng

RT: 8.087 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

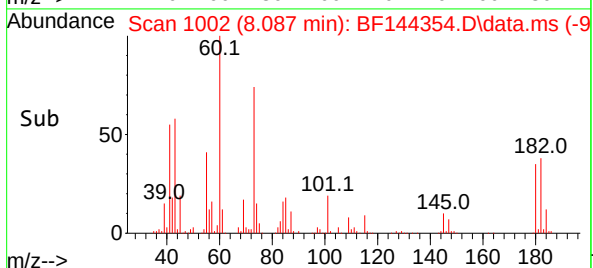
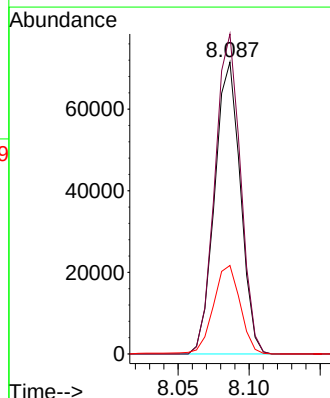
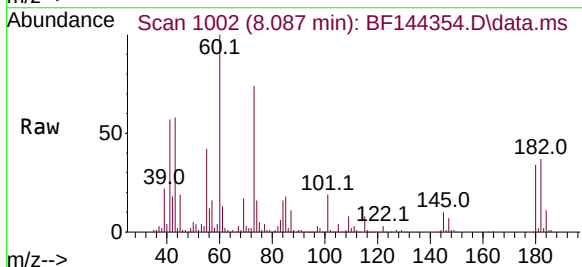
Tgt Ion:180 Resp: 90297

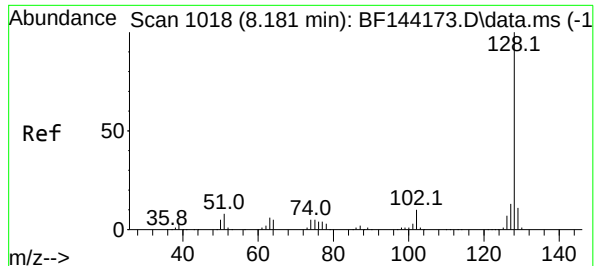
Ion Ratio Lower Upper

180 100

182 109.7 87.7 131.5

145 30.3 25.4 38.0





#31

Naphthalene

Concen: 39.033 ng

RT: 8.169 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

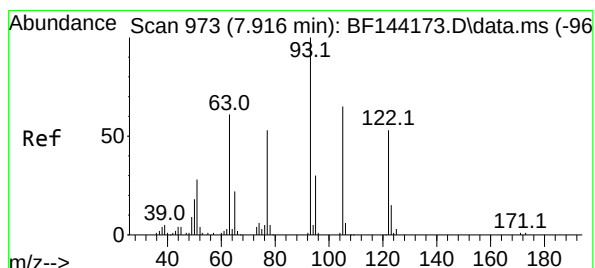
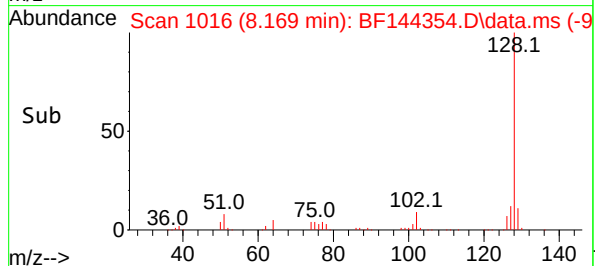
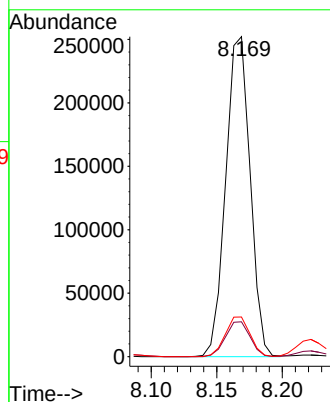
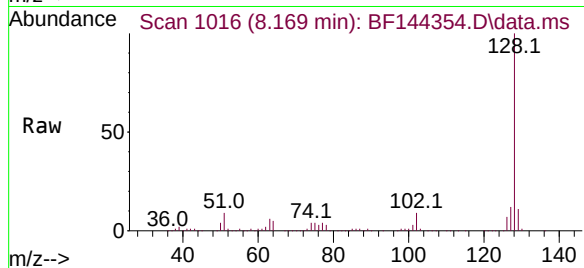
Tgt Ion:128 Resp: 326436

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 12.4 10.3 15.5



#32

Benzoic acid

Concen: 45.732 ng m

RT: 8.104 min Scan# 1005

Delta R.T. 0.153 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

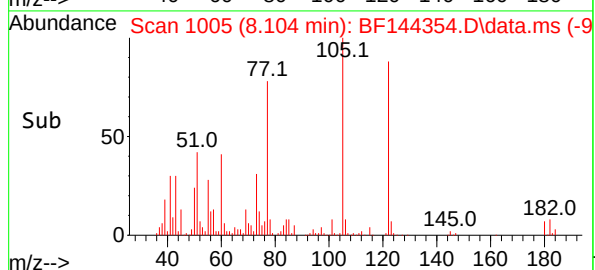
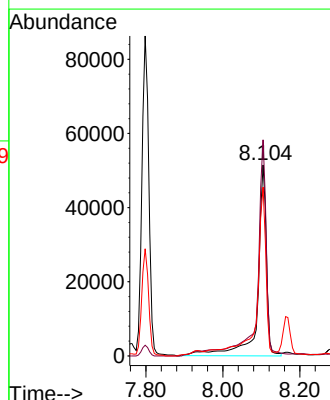
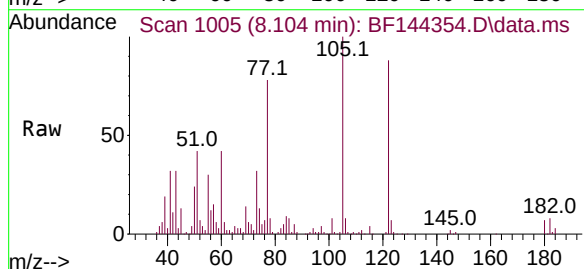
Tgt Ion:122 Resp: 82204

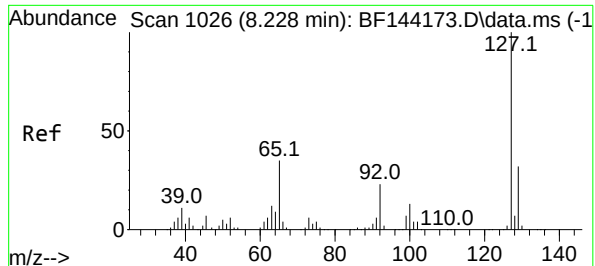
Ion Ratio Lower Upper

122 100

105 113.1 99.9 139.9

77 88.4 77.5 117.5





#33

4-Chloroaniline

Concen: 7.110 ng

RT: 8.222 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

Tgt Ion:127 Resp: 21686

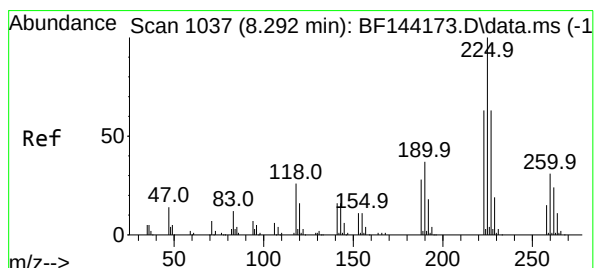
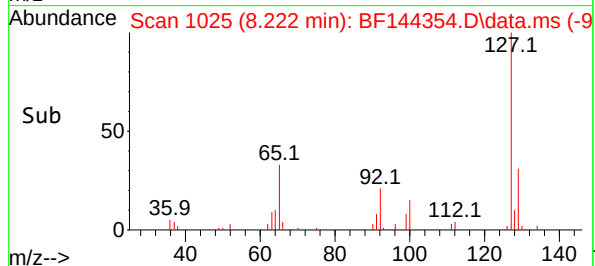
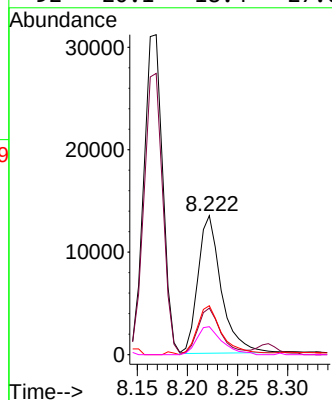
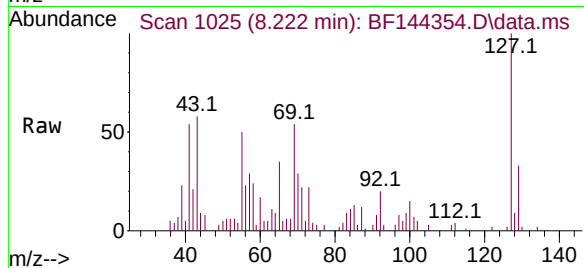
Ion Ratio Lower Upper

127 100

129 33.5 25.3 37.9

65 35.2 27.6 41.4

92 20.1 18.4 27.6



#34

Hexachlorobutadiene

Concen: 34.141 ng

RT: 8.281 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

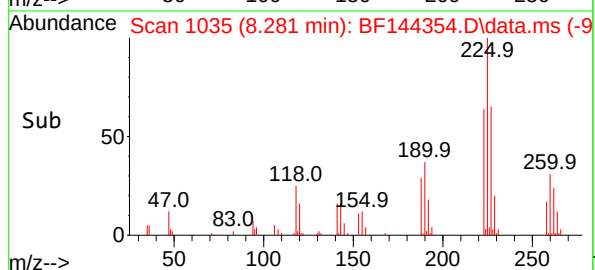
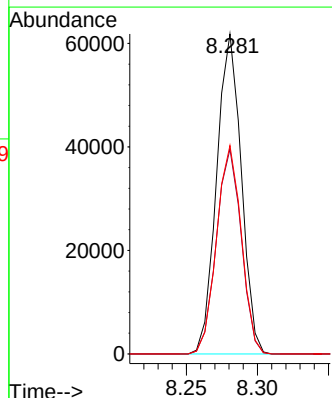
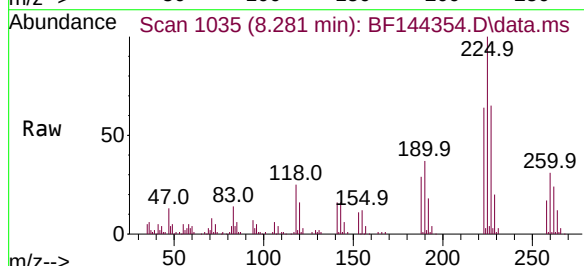
Tgt Ion:225 Resp: 74677

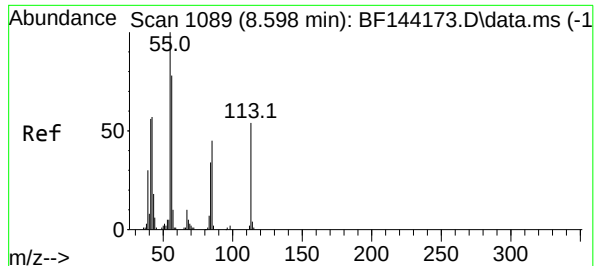
Ion Ratio Lower Upper

225 100

223 64.0 50.2 75.4

227 65.1 50.1 75.1





#35

Caprolactam

Concen: 18.758 ng m

RT: 8.657 min Scan# 1106

Delta R.T. 0.035 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

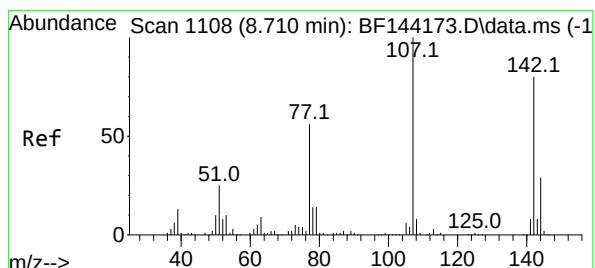
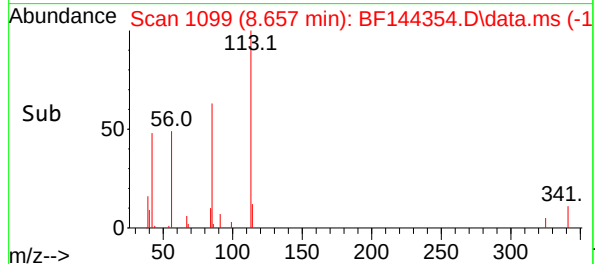
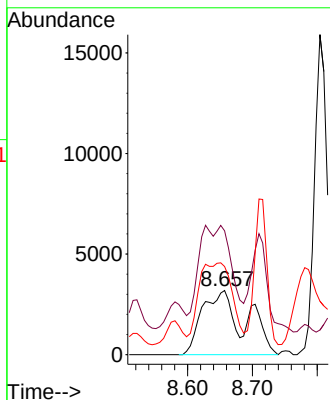
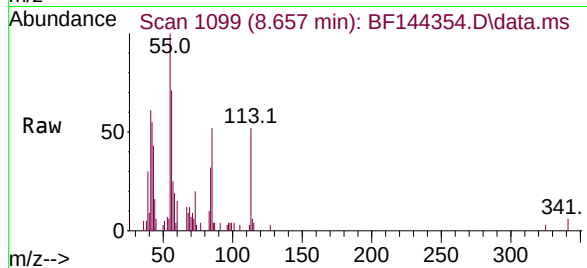
Tgt Ion:113 Resp: 14525

Ion Ratio Lower Upper

113 100

55 193.1 166.8 206.8

56 137.4 125.9 165.9



#36

4-Chloro-3-methylphenol

Concen: 34.344 ng

RT: 8.698 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

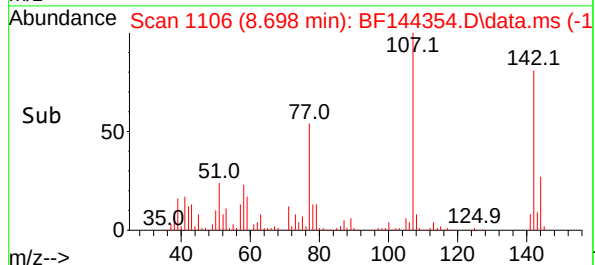
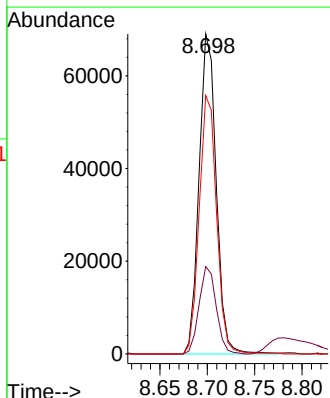
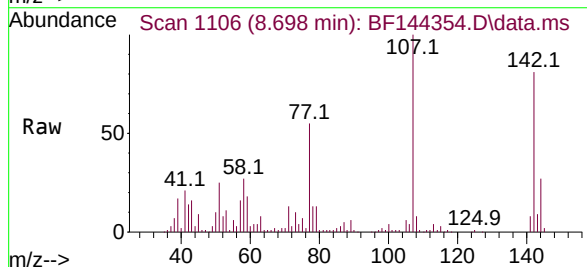
Tgt Ion:107 Resp: 86994

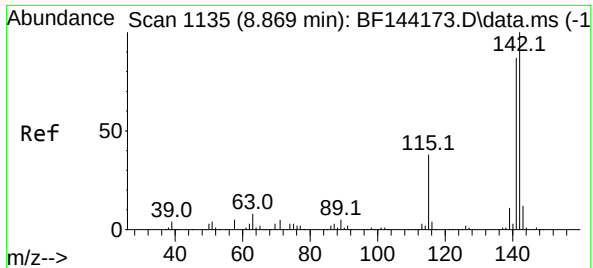
Ion Ratio Lower Upper

107 100

144 27.3 23.3 34.9

142 80.7 63.8 95.6

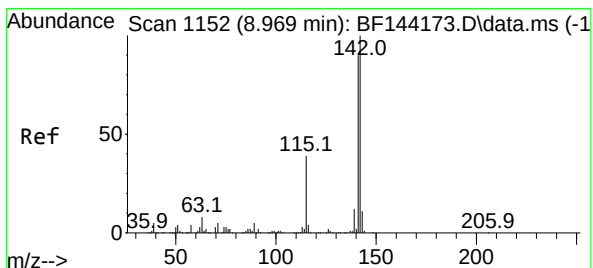
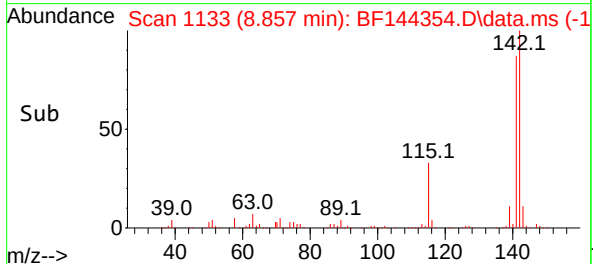
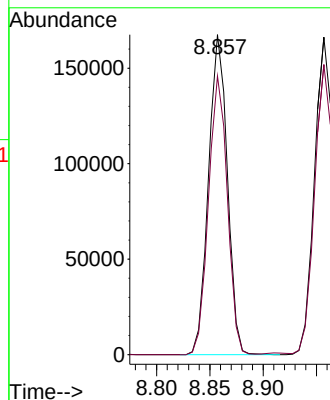
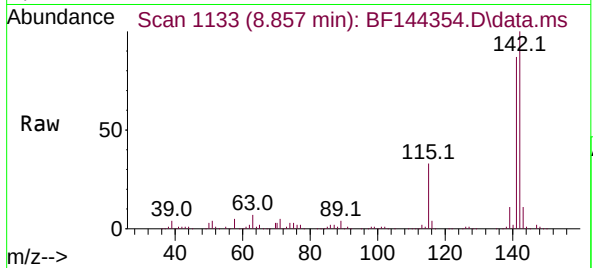




#37
2-Methylnaphthalene
Concen: 36.790 ng
RT: 8.857 min Scan# 111
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

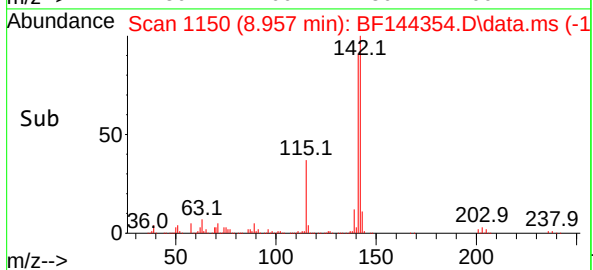
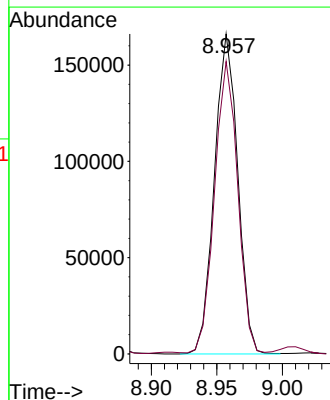
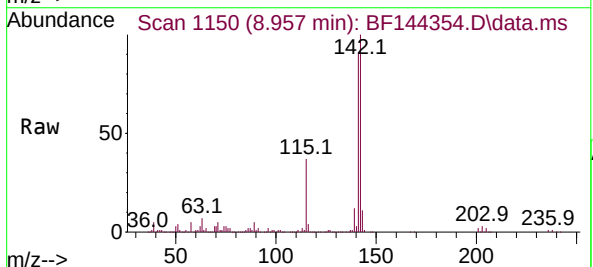
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

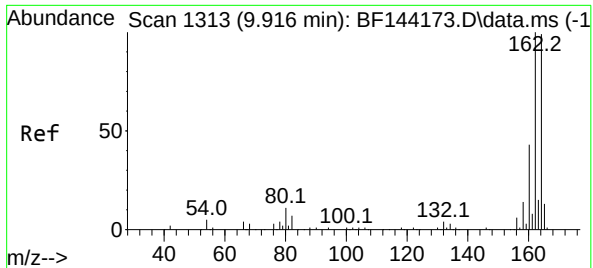
Tgt Ion:142 Resp: 205714
Ion Ratio Lower Upper
142 100
141 87.1 69.9 104.9



#38
1-Methylnaphthalene
Concen: 38.179 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:142 Resp: 205986
Ion Ratio Lower Upper
142 100
141 91.4 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

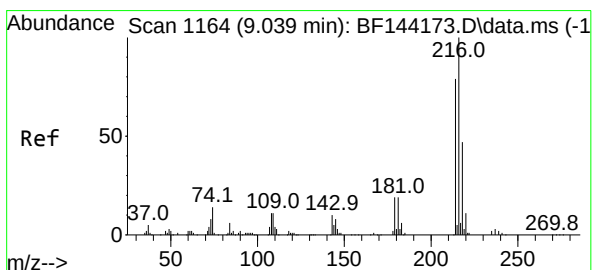
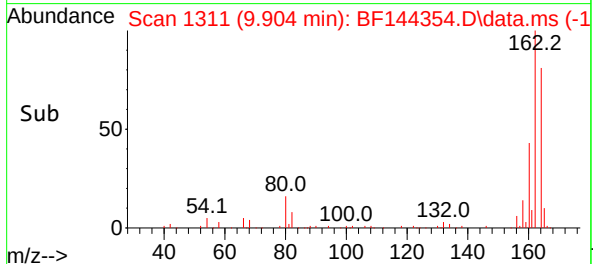
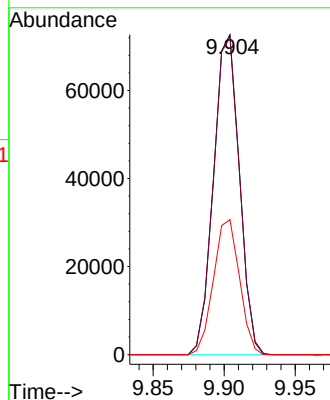
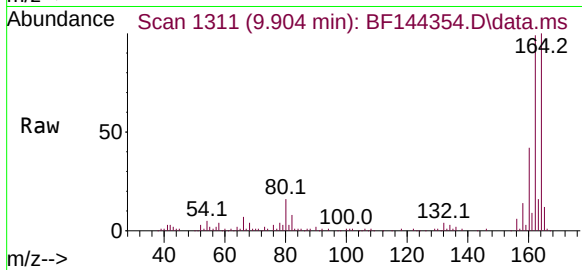
Tgt Ion:164 Resp: 91917

Ion Ratio Lower Upper

164 100

162 99.1 81.1 121.7

160 42.2 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.433 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Tgt Ion:216 Resp: 124813

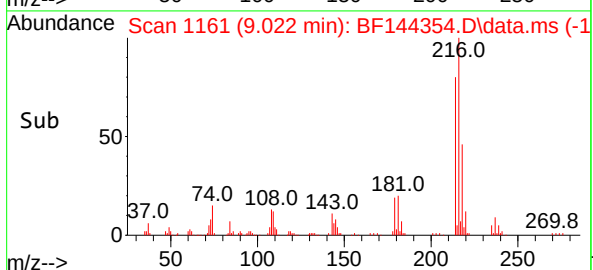
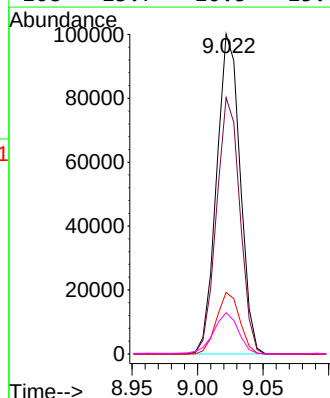
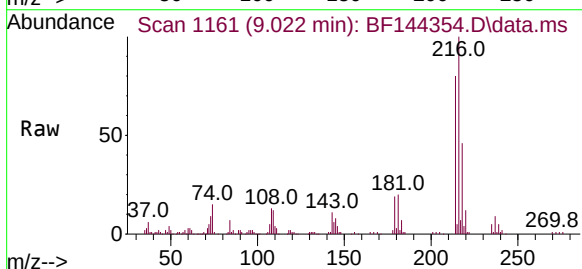
Ion Ratio Lower Upper

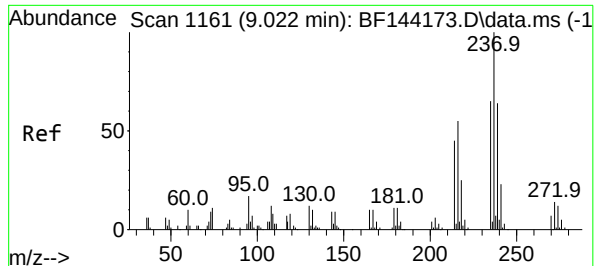
216 100

214 79.6 63.4 95.2

179 18.9 15.0 22.4

108 13.7 10.5 15.7





#41

Hexachlorocyclopentadiene

Concen: 47.724 ng

RT: 9.010 min Scan# 1161

Delta R.T. -0.018 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

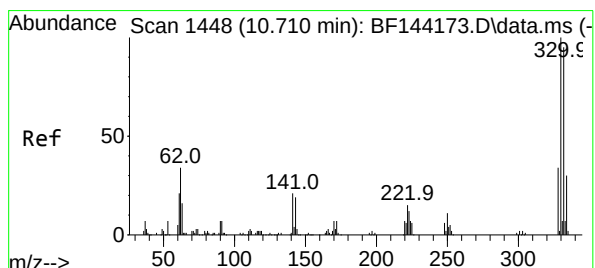
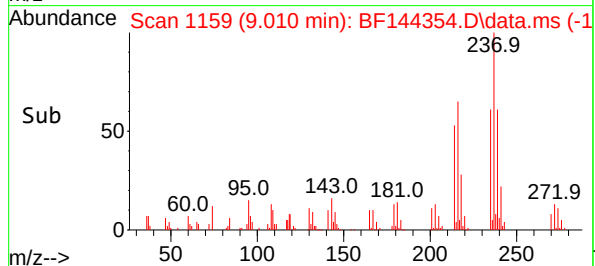
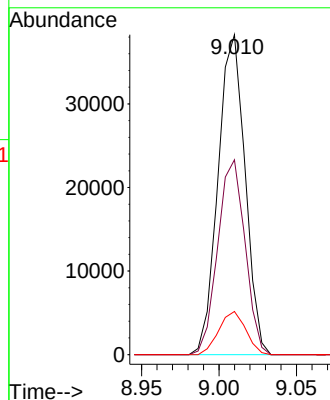
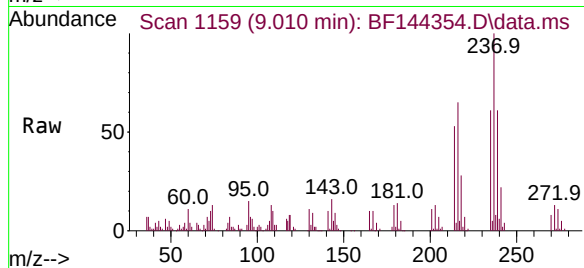
Tgt Ion:237 Resp: 46514

Ion Ratio Lower Upper

237 100

235 60.9 45.5 85.5

272 13.5 0.0 33.5



#42

2,4,6-Tribromophenol

Concen: 71.517 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

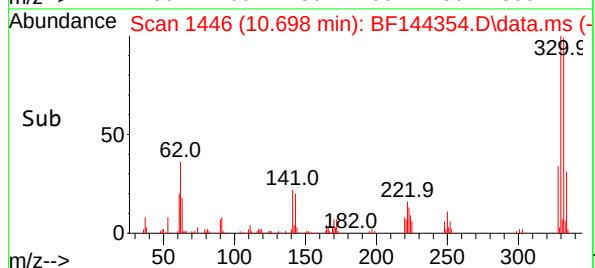
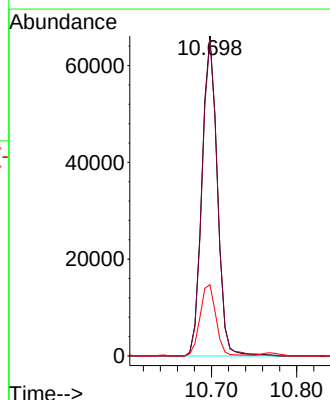
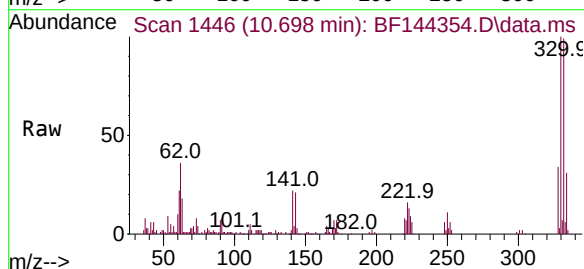
Tgt Ion:330 Resp: 82491

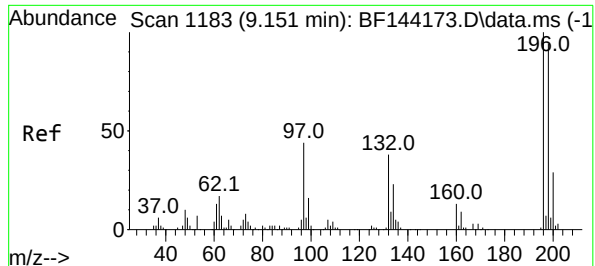
Ion Ratio Lower Upper

330 100

332 98.8 76.7 115.1

141 23.2 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 34.401 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

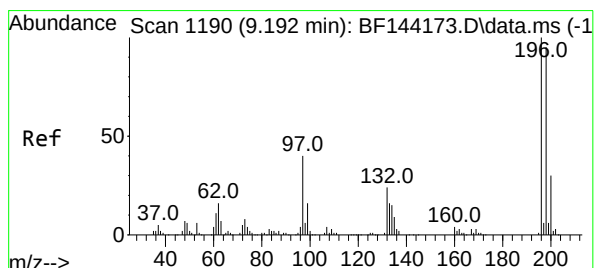
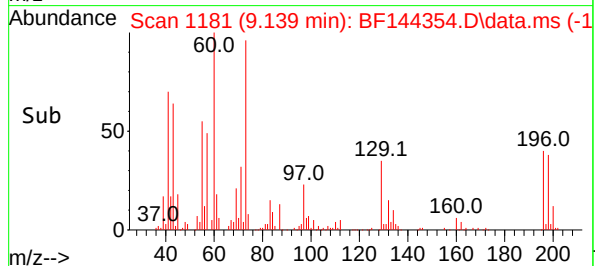
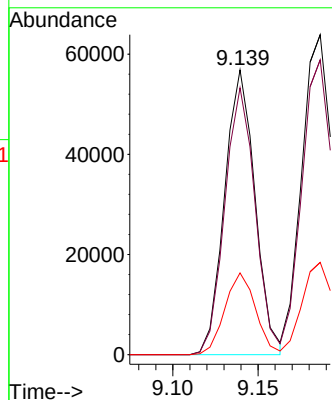
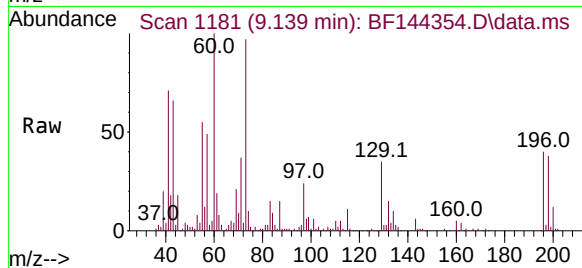
Tgt Ion:196 Resp: 70532

Ion Ratio Lower Upper

196 100

198 93.7 75.3 112.9

200 28.7 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 37.954 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Tgt Ion:196 Resp: 83869

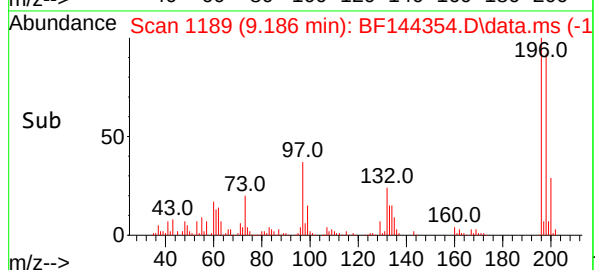
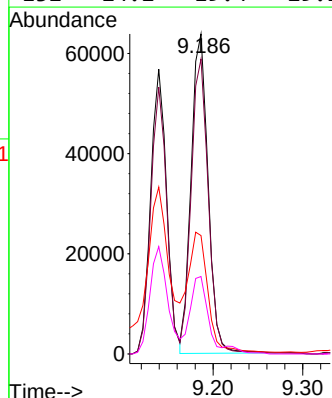
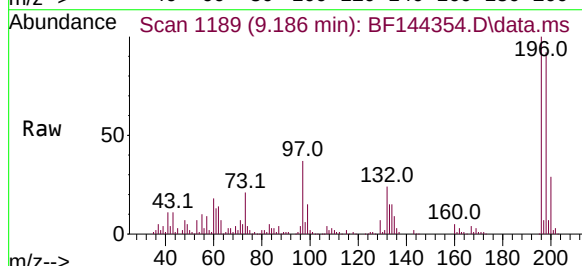
Ion Ratio Lower Upper

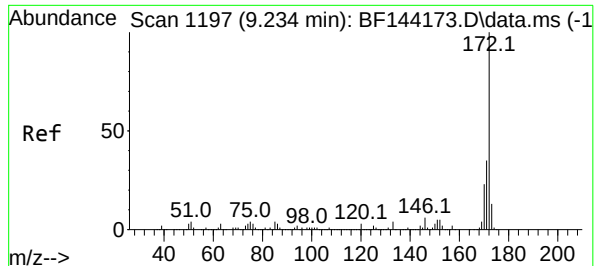
196 100

198 92.1 76.1 114.1

97 37.0 31.9 47.9

132 24.2 19.4 29.2





#45

2-Fluorobiphenyl

Concen: 81.662 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

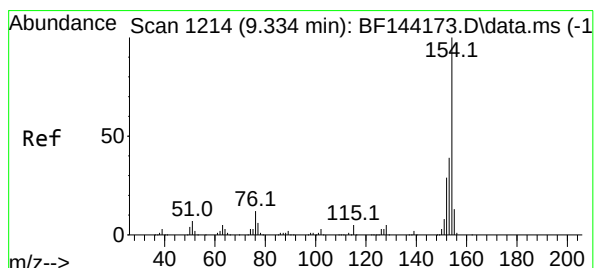
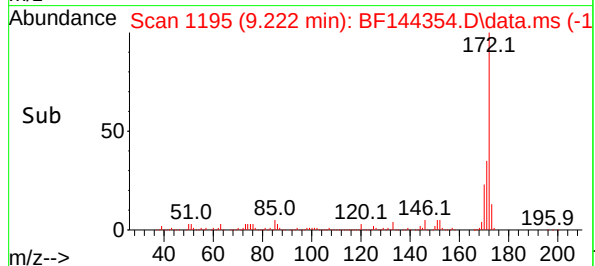
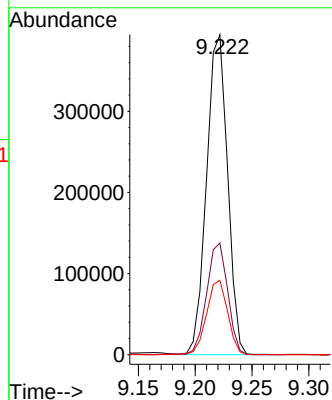
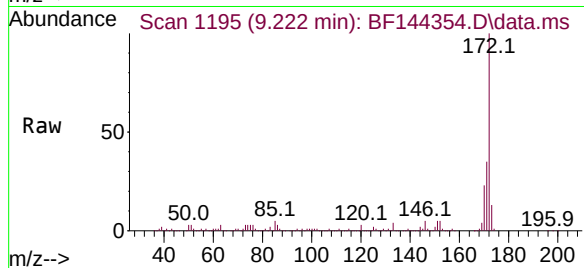
Tgt Ion:172 Resp: 508224

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 42.760 ng

RT: 9.322 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

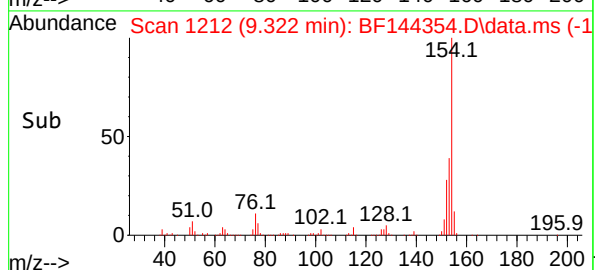
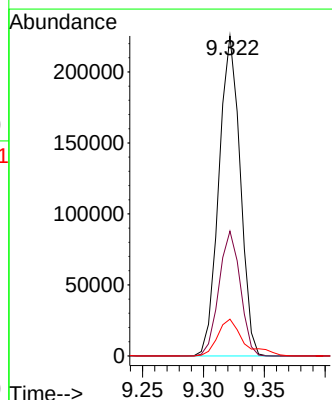
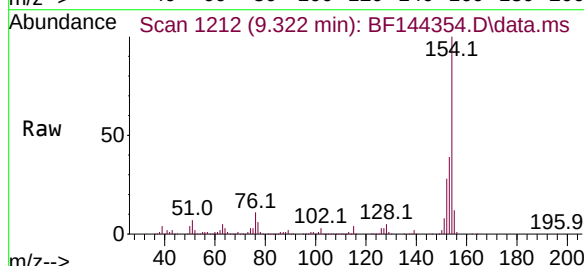
Tgt Ion:154 Resp: 274352

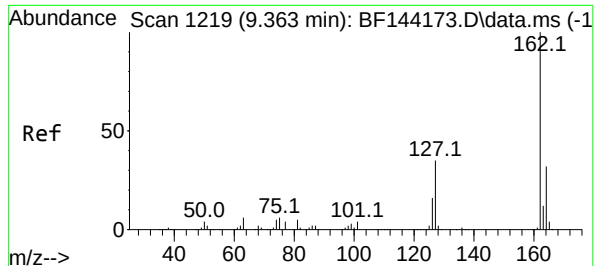
Ion Ratio Lower Upper

154 100

153 39.0 19.2 59.2

76 11.5 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.654 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

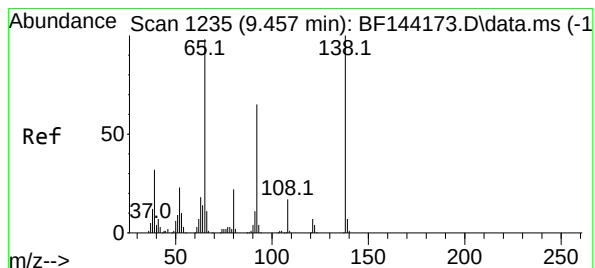
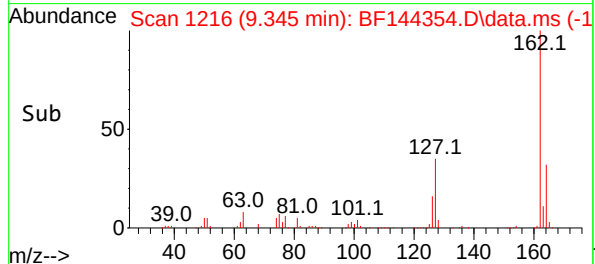
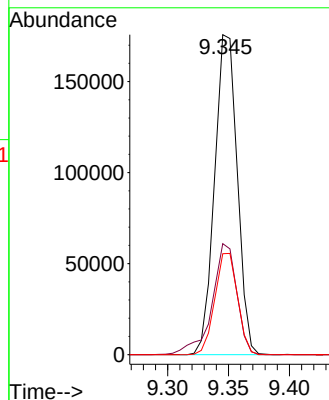
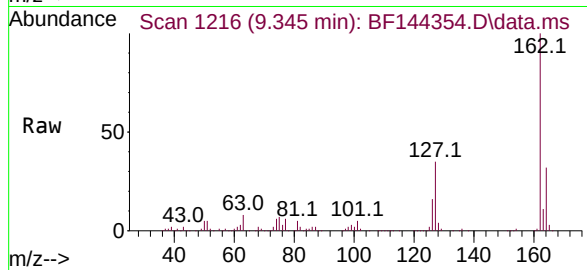
Tgt Ion:162 Resp: 227971

Ion Ratio Lower Upper

162 100

127 34.7 28.8 43.2

164 31.5 25.8 38.8



#48

2-Nitroaniline

Concen: 41.759 ng

RT: 9.445 min Scan# 1233

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

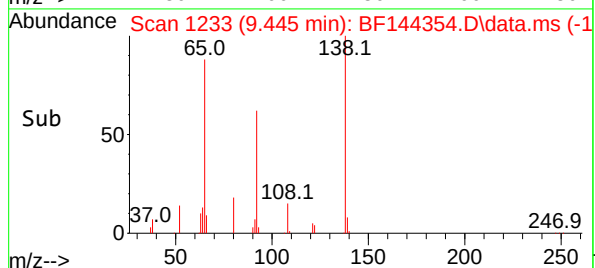
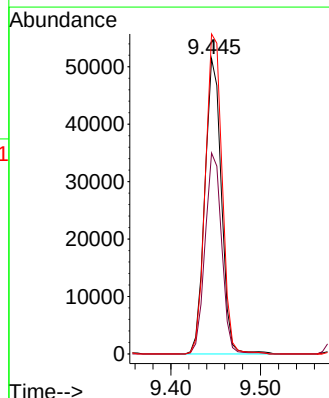
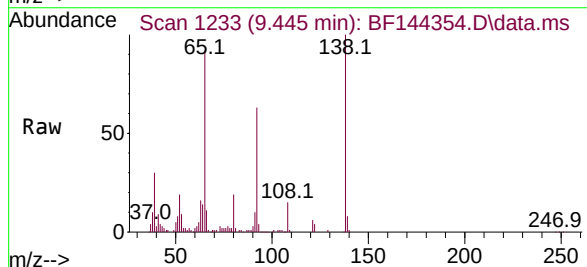
Tgt Ion: 65 Resp: 65944

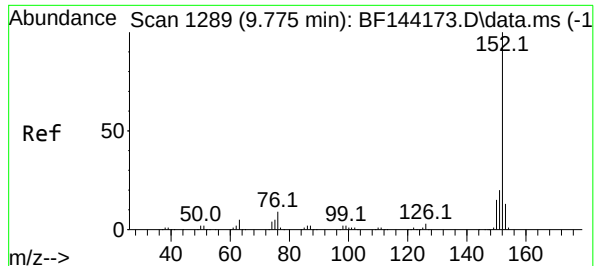
Ion Ratio Lower Upper

65 100

92 68.1 53.0 79.6

138 108.4 81.6 122.4





#49

Acenaphthylene

Concen: 46.918 ng

RT: 9.763 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

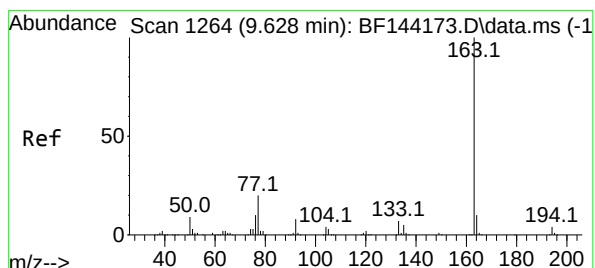
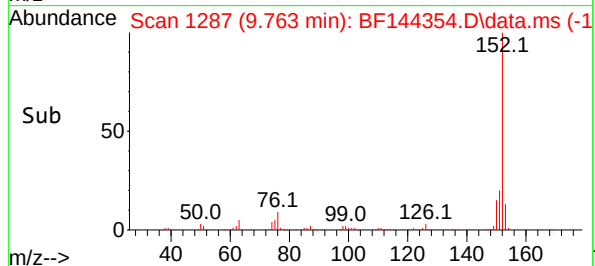
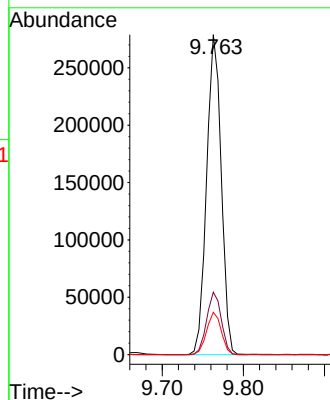
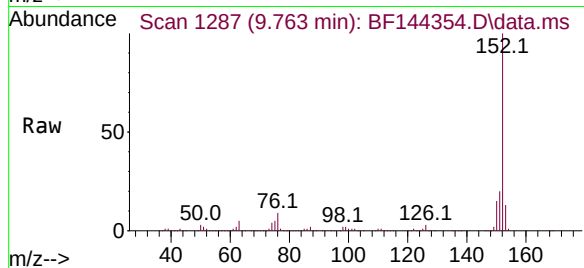
Tgt Ion:152 Resp: 349921

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 42.020 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

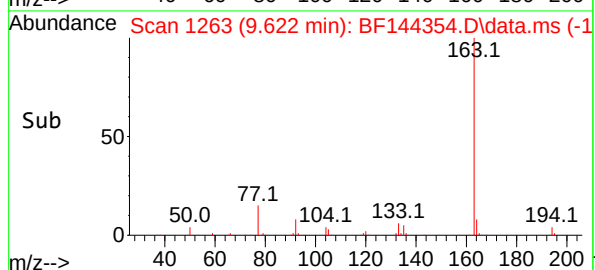
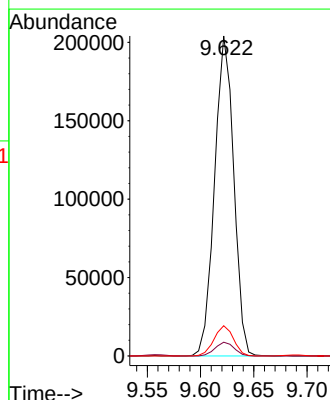
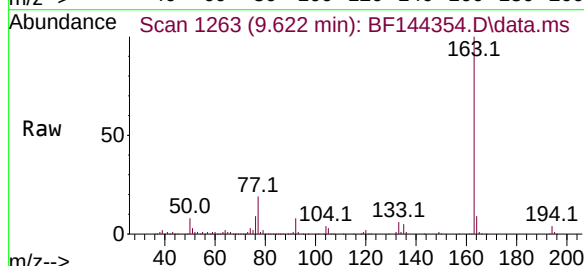
Tgt Ion:163 Resp: 255876

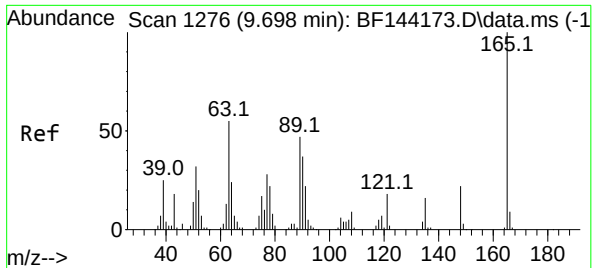
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 9.4 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 44.029 ng

RT: 9.686 min Scan# 1274

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

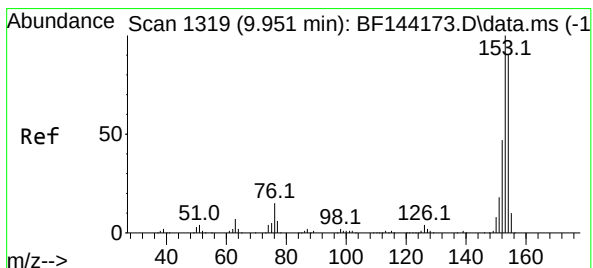
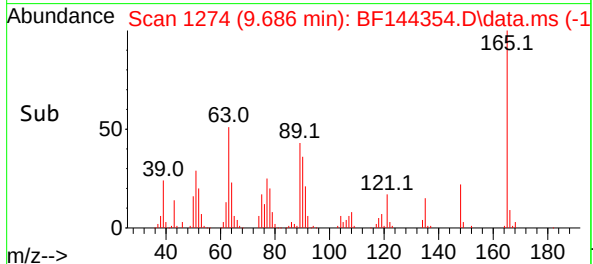
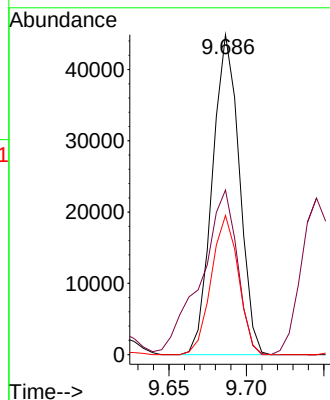
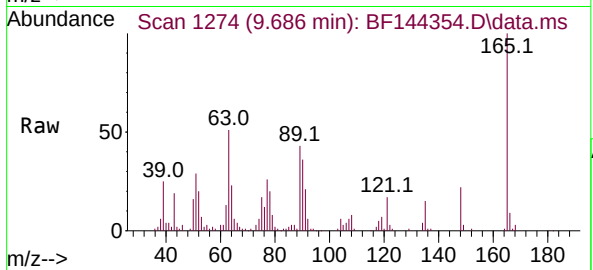
Tgt Ion:165 Resp: 54274

Ion Ratio Lower Upper

165 100

63 51.4 43.8 65.8

89 43.5 37.5 56.3



#52

Acenaphthene

Concen: 37.850 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

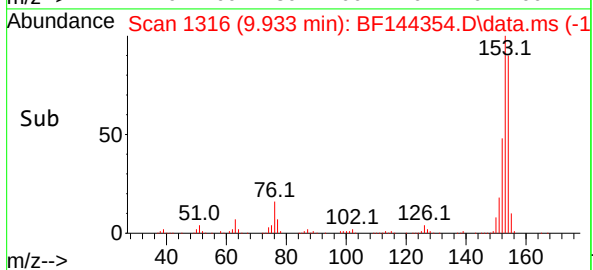
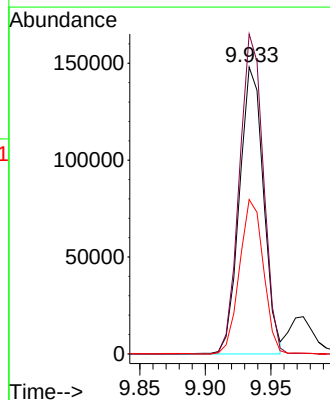
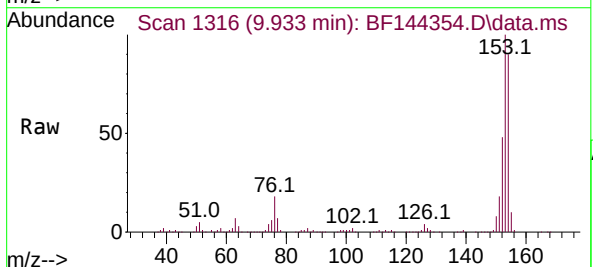
Tgt Ion:154 Resp: 188774

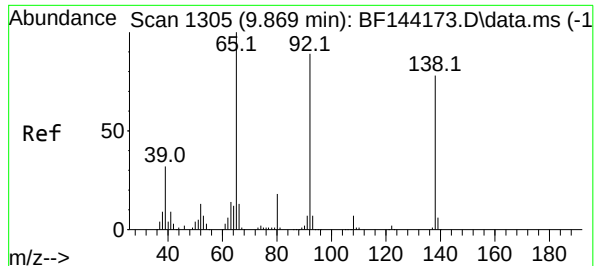
Ion Ratio Lower Upper

154 100

153 111.6 89.0 133.4

152 53.8 42.2 63.4





#53

3-Nitroaniline

Concen: 13.858 ng

RT: 9.857 min Scan# 1303

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

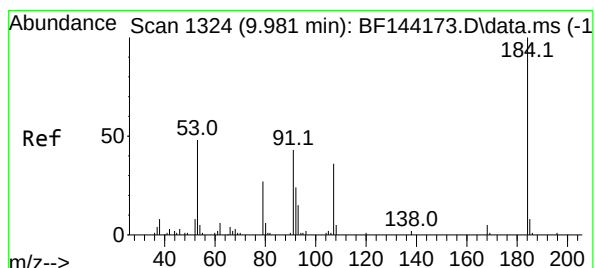
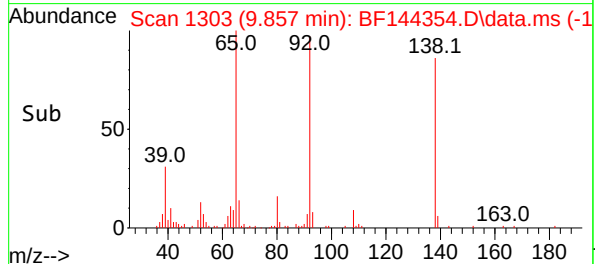
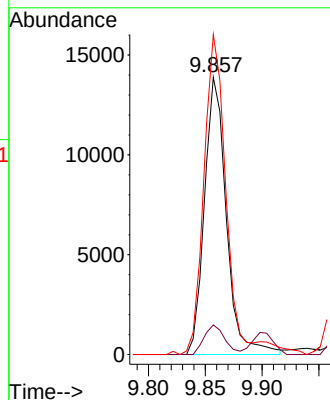
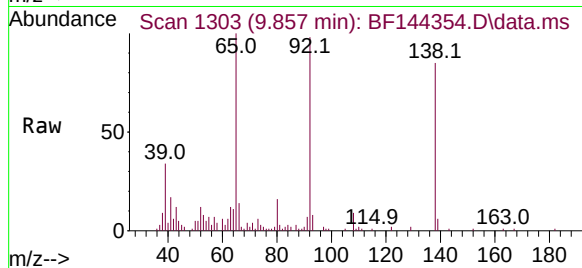
Tgt Ion:138 Resp: 18673

Ion Ratio Lower Upper

138 100

108 10.7 7.5 11.3

92 115.4 91.8 137.6



#54

2,4-Dinitrophenol

Concen: 80.545 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

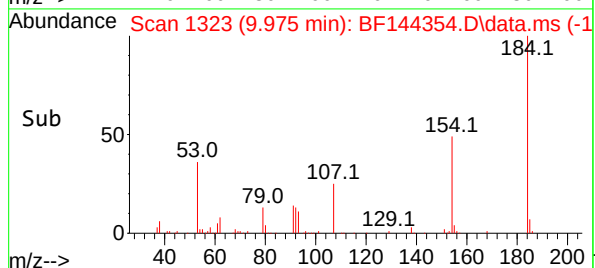
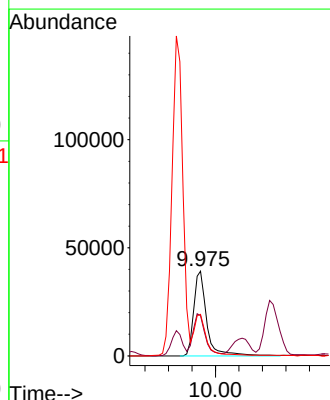
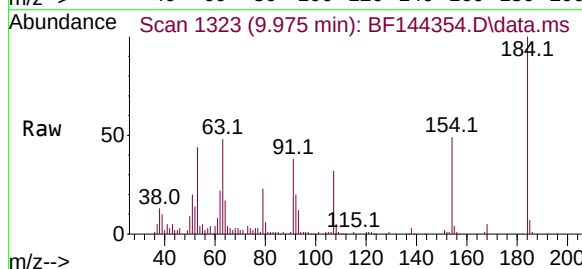
Tgt Ion:184 Resp: 59954

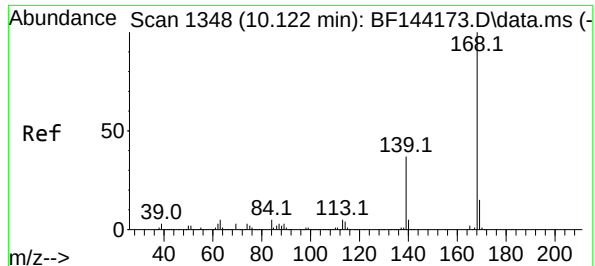
Ion Ratio Lower Upper

184 100

63 47.5 44.0 66.0

154 48.9 42.4 63.6





#55

Dibenzofuran

Concen: 39.193 ng

RT: 10.110 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

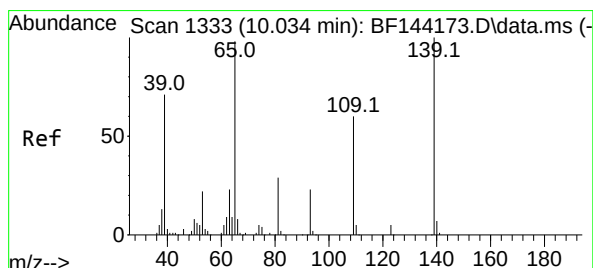
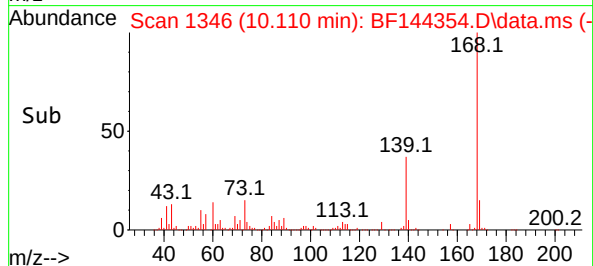
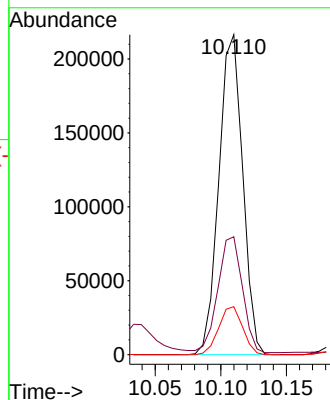
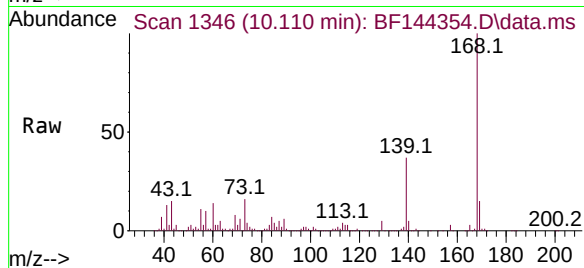
Tgt Ion:168 Resp: 273768

Ion Ratio Lower Upper

168 100

139 36.8 30.2 45.2

169 15.0 12.2 18.4



#56

4-Nitrophenol

Concen: 37.249 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

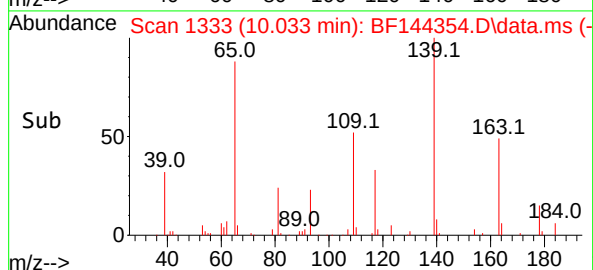
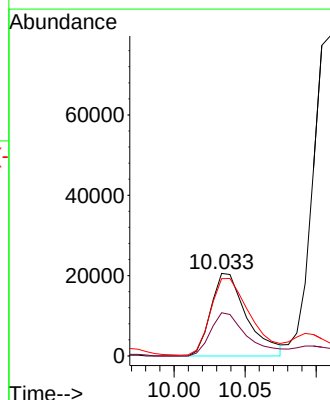
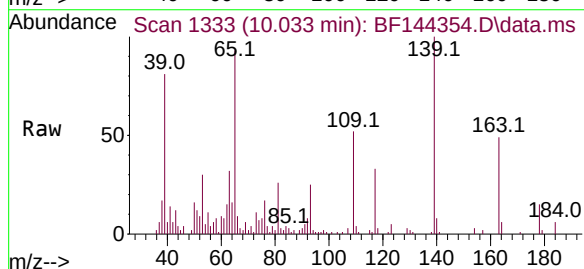
Tgt Ion:139 Resp: 36308

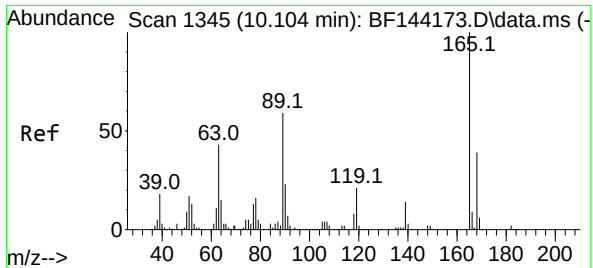
Ion Ratio Lower Upper

139 100

109 52.2 39.9 79.9

65 93.5 79.5 119.5

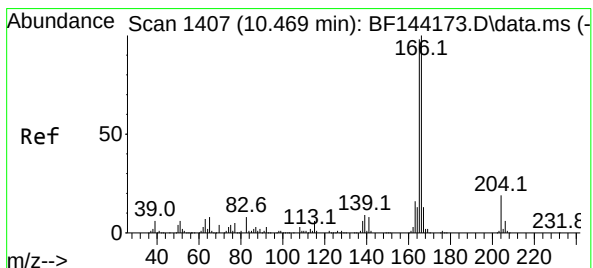
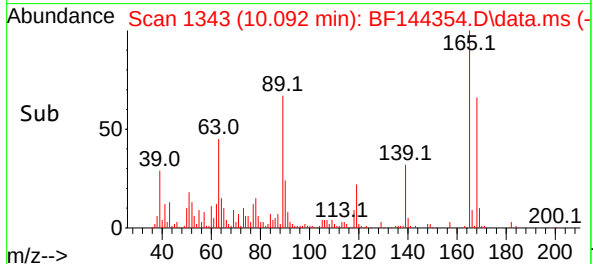
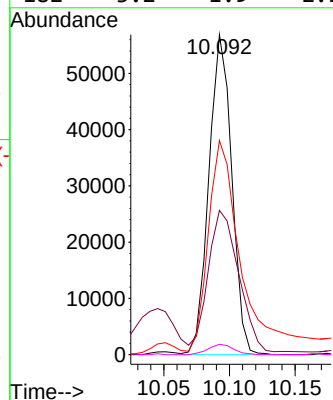
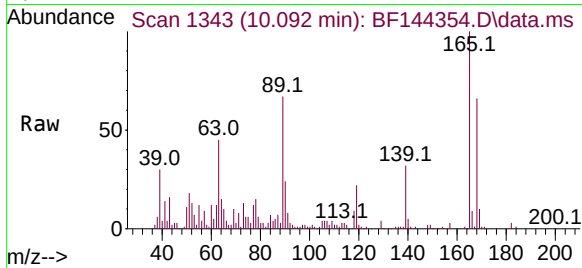




#57
2,4-Dinitrotoluene
Concen: 41.808 ng
RT: 10.092 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

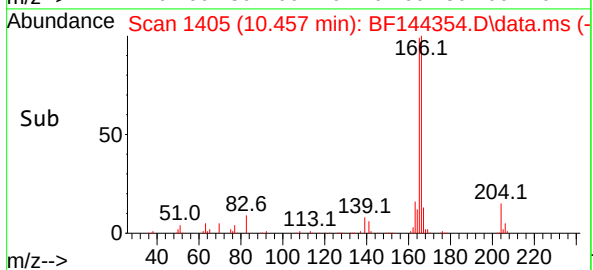
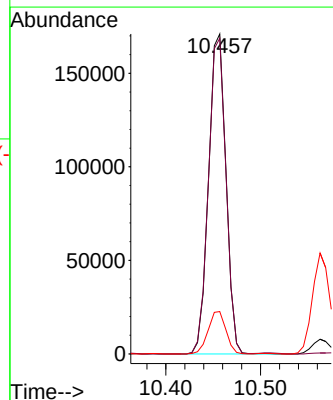
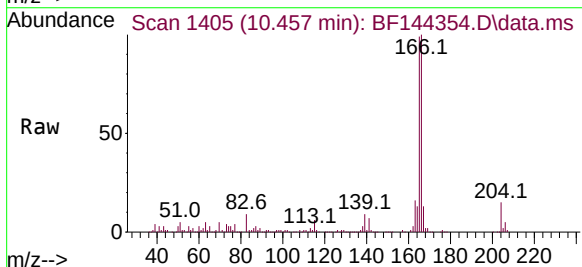
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

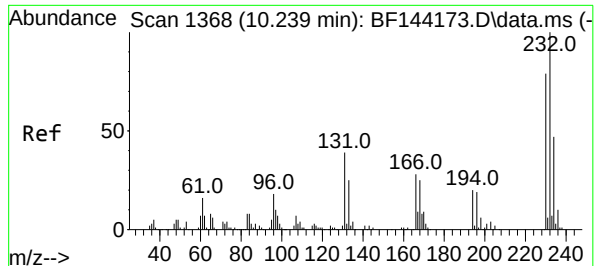
Tgt Ion:165 Resp: 68990
Ion Ratio Lower Upper
165 100
63 45.1 35.5 53.3
89 66.9 47.4 71.2
182 3.2 1.9 2.9#



#58
Fluorene
Concen: 41.134 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:166 Resp: 218454
Ion Ratio Lower Upper
166 100
165 98.6 78.6 118.0
167 13.2 10.4 15.6

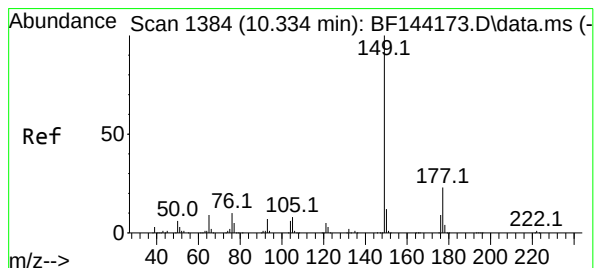
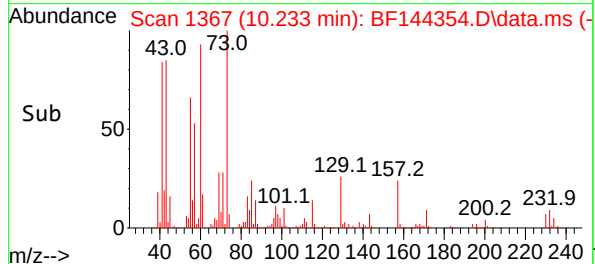
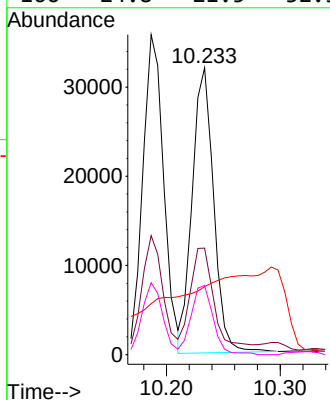
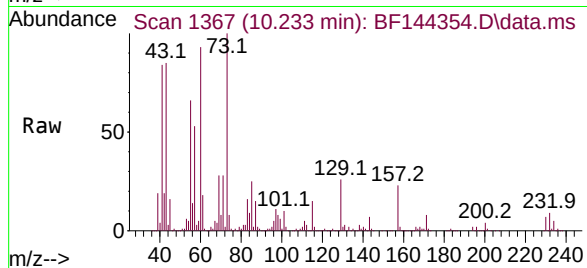




#59
2,3,4,6-Tetrachlorophenol
Concen: 26.833 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

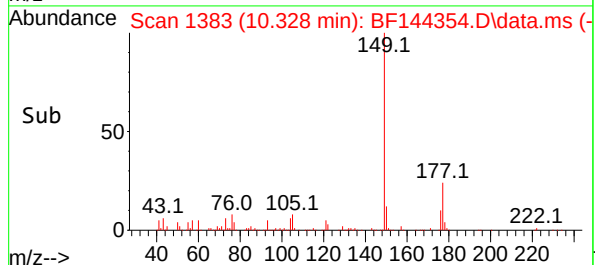
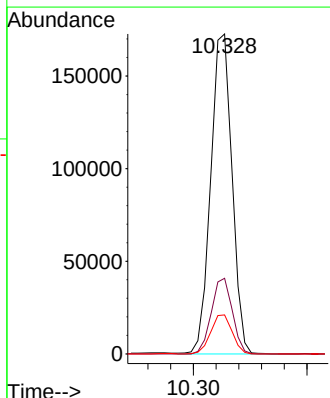
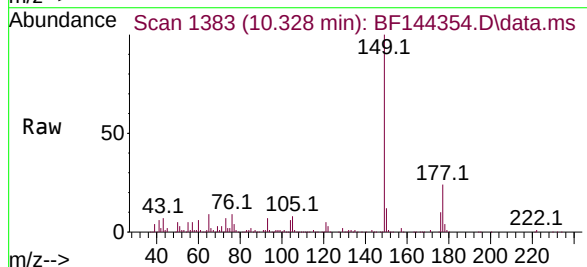
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

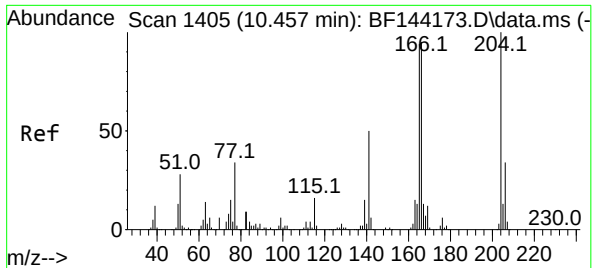
Tgt Ion:232 Resp: 41952
Ion Ratio Lower Upper
232 100
131 35.4 30.3 45.5
130 0.0 1.2 1.8#
166 24.8 21.5 32.3



#60
Diethylphthalate
Concen: 40.061 ng
RT: 10.328 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:149 Resp: 224882
Ion Ratio Lower Upper
149 100
177 23.6 18.3 27.5
150 12.2 9.8 14.6

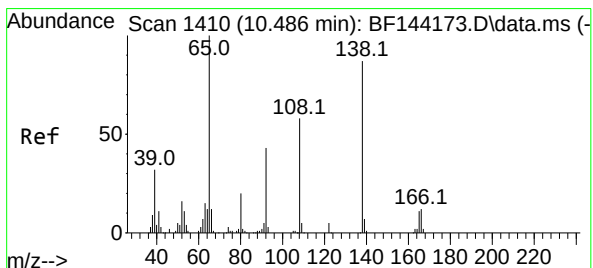
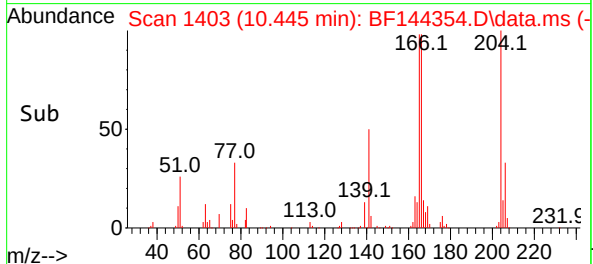
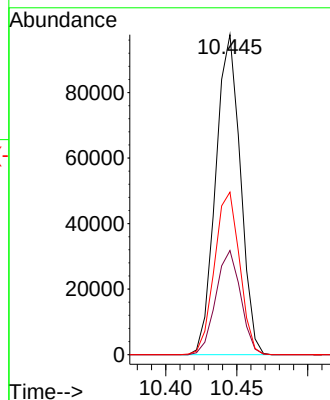
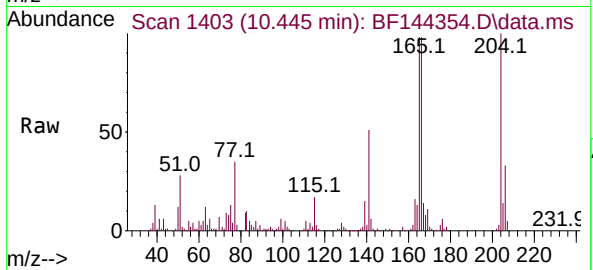




#61
4-Chlorophenyl-phenylether
Concen: 39.074 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

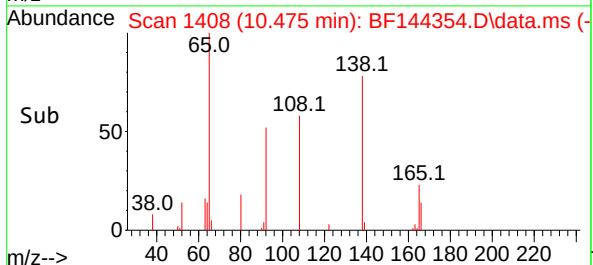
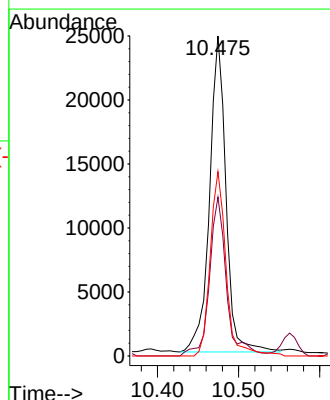
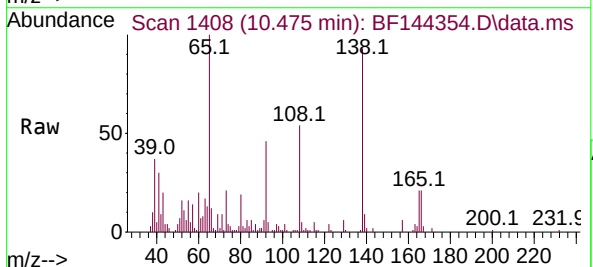
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

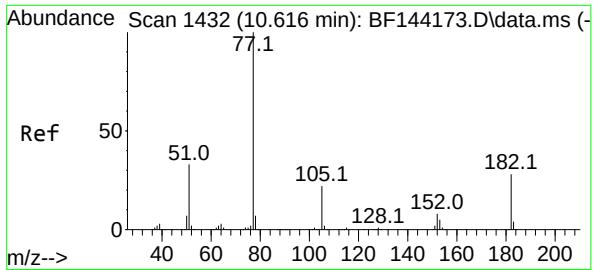
Tgt Ion:204 Resp: 118206
Ion Ratio Lower Upper
204 100
206 32.5 27.4 41.2
141 50.8 40.0 60.0



#62
4-Nitroaniline
Concen: 27.157 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:138 Resp: 34849
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 57.6 46.4 86.4

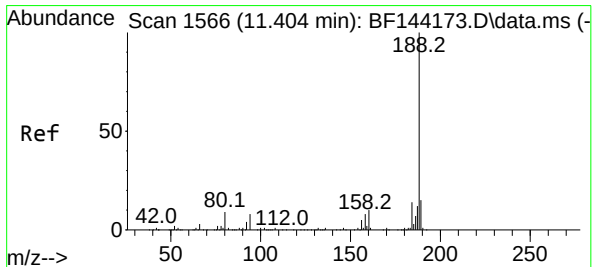
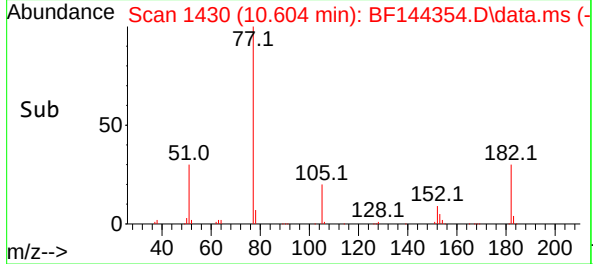
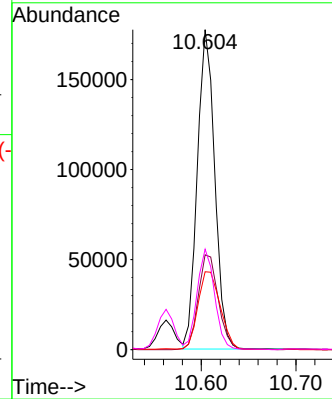
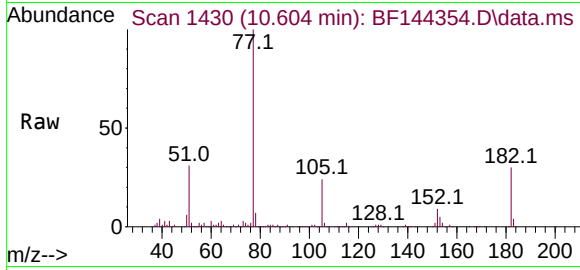




#63
Azobenzene
Concen: 43.466 ng
RT: 10.604 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

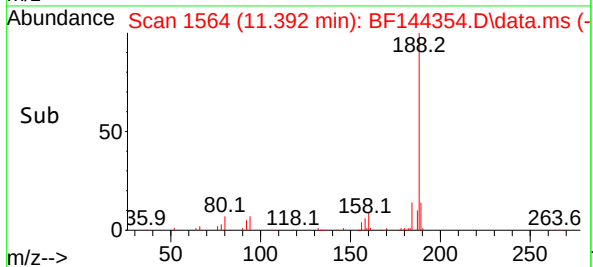
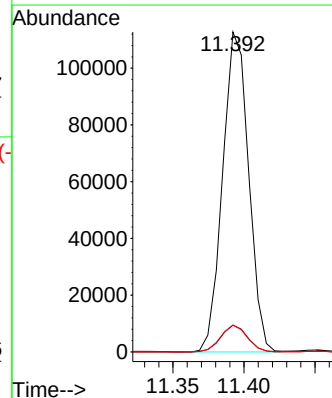
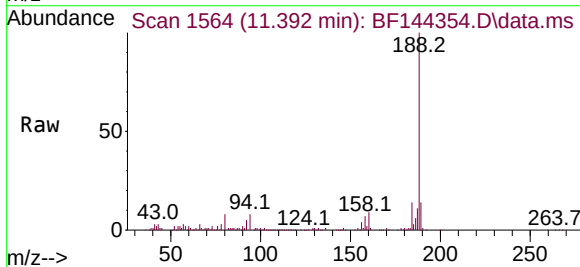
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

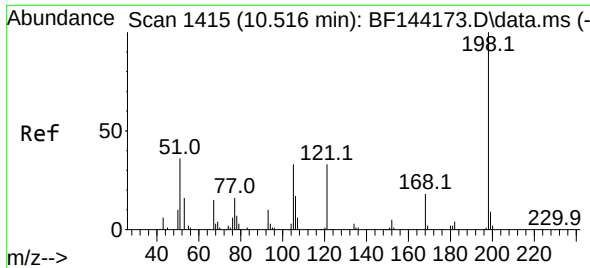
Tgt Ion:	77	Resp:	227078
Ion	Ratio	Lower	Upper
77	100		
182	29.6	8.1	48.1
105	24.3	2.0	42.0
51	31.4	13.9	53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:	188	Resp:	143744
Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.2	9.2
80	8.4	6.9	10.3

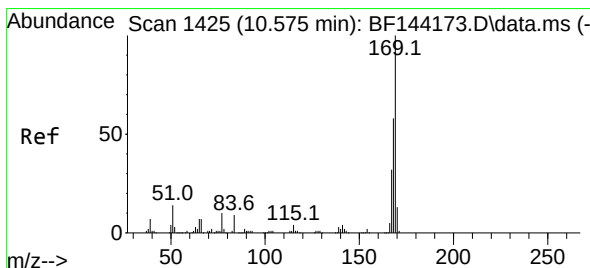
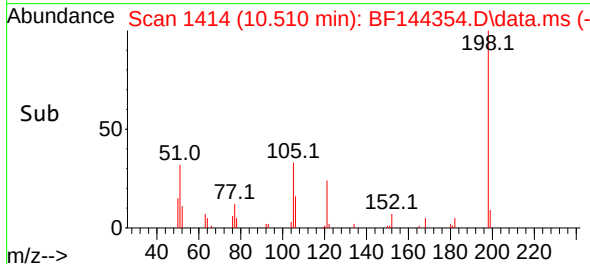
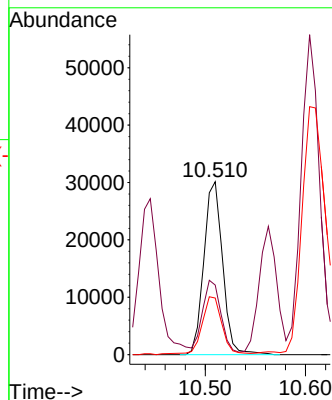
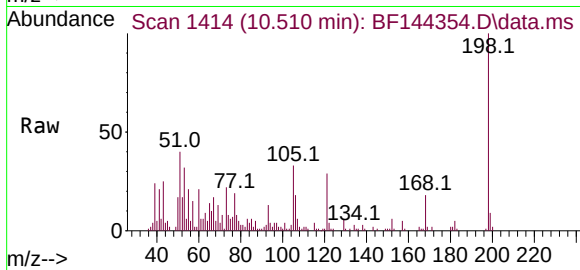




#65
4,6-Dinitro-2-methylphenol
Concen: 40.032 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

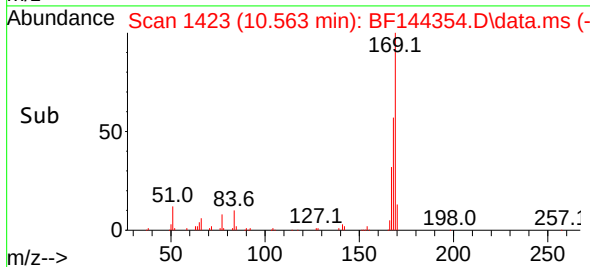
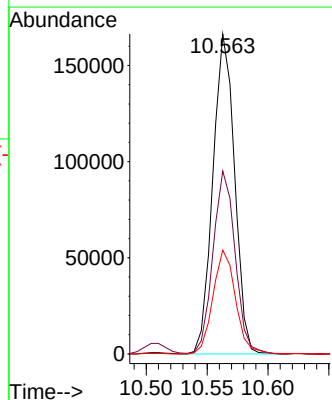
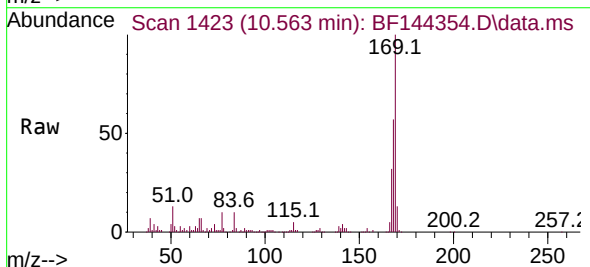
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

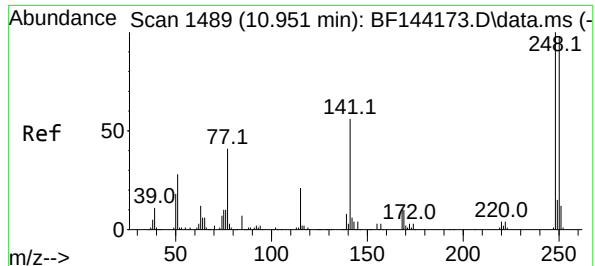
Tgt Ion	Ratio	Lower	Upper
198	100		
51	40.2	25.6	65.6
105	32.7	14.6	54.6



#66
n-Nitrosodiphenylamine
Concen: 44.666 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion	Ratio	Lower	Upper
169	100		
168	57.2	46.2	69.2
167	32.4	25.7	38.5

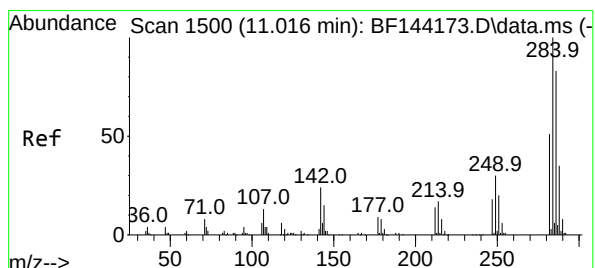
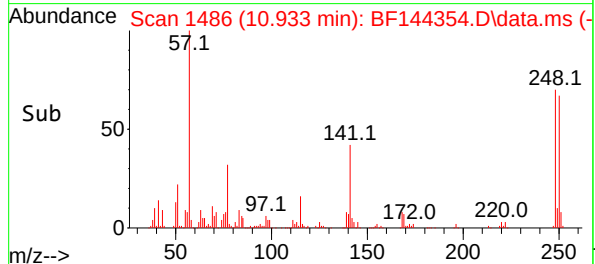
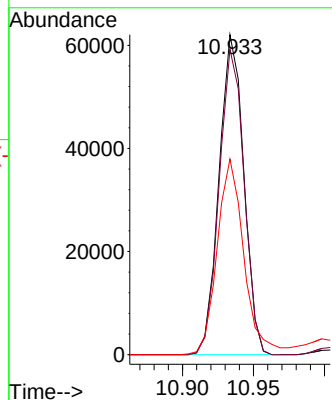
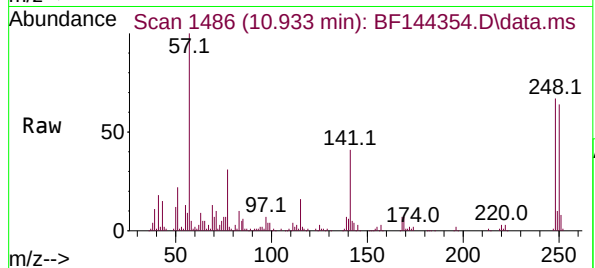




#67
4-Bromophenyl-phenylether
Concen: 41.046 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

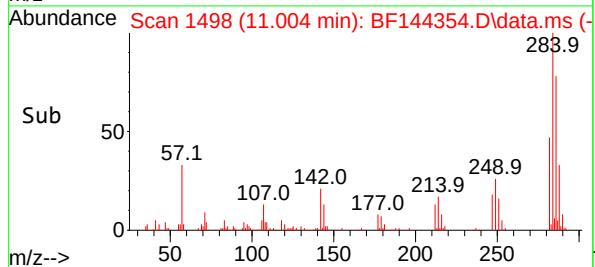
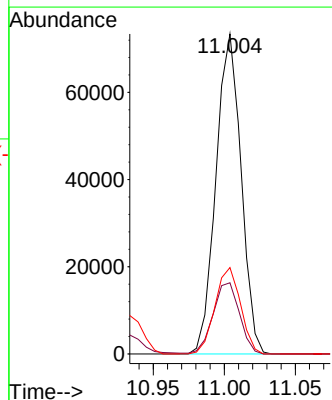
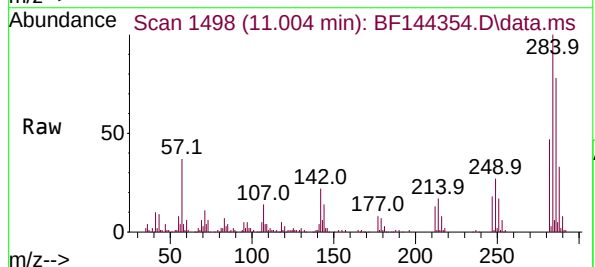
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

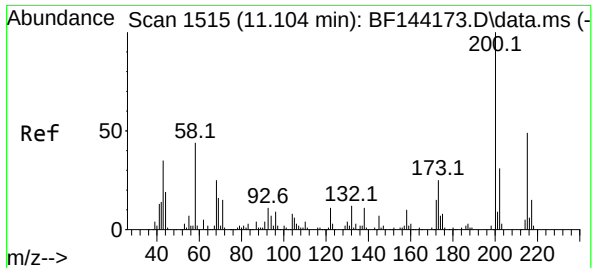
Tgt Ion:248 Resp: 75310
Ion Ratio Lower Upper
248 100
250 95.4 78.4 117.6
141 61.1 45.1 67.7



#68
Hexachlorobenzene
Concen: 41.890 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:284 Resp: 90529
Ion Ratio Lower Upper
284 100
142 22.2 19.2 28.8
249 27.0 23.8 35.8





#69

Atrazine

Concen: 8.996 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

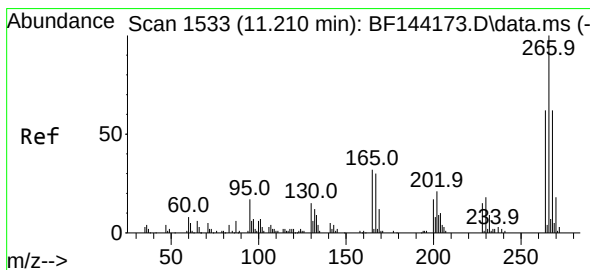
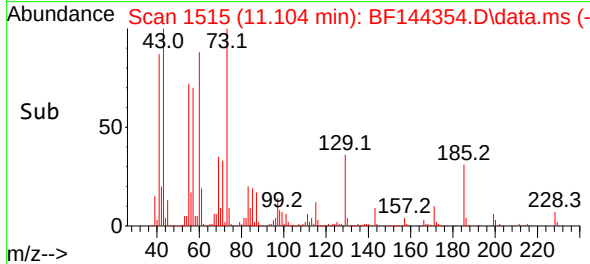
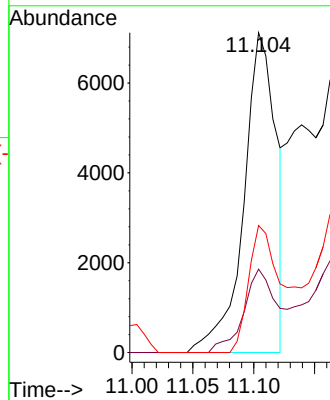
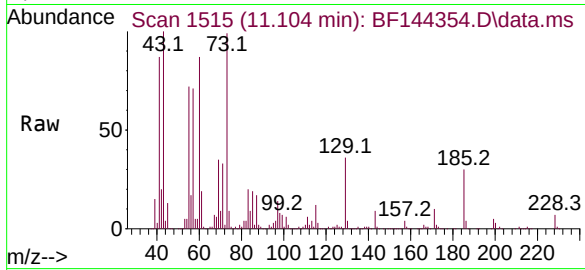
Tgt Ion:200 Resp: 13226

Ion Ratio Lower Upper

200 100

173 26.1 5.0 45.0

215 39.7 28.7 68.7



#70

Pentachlorophenol

Concen: 89.834 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

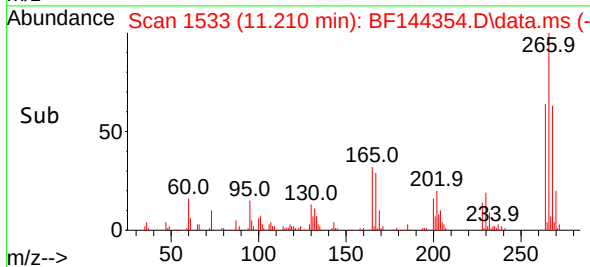
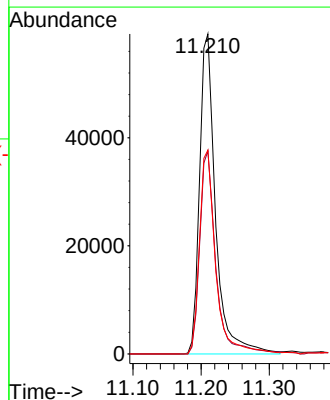
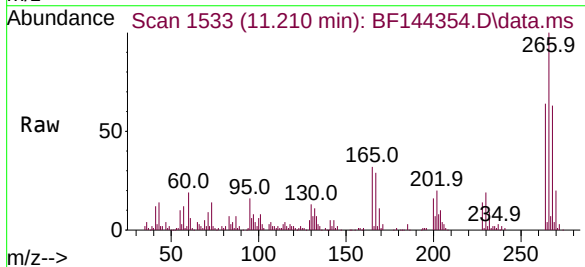
Tgt Ion:266 Resp: 96674

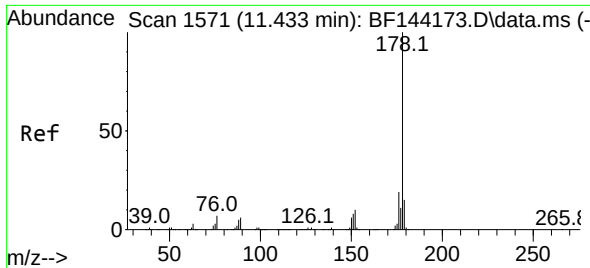
Ion Ratio Lower Upper

266 100

268 63.4 49.5 74.3

264 63.7 49.4 74.2

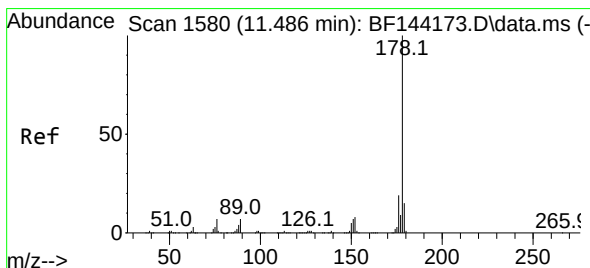
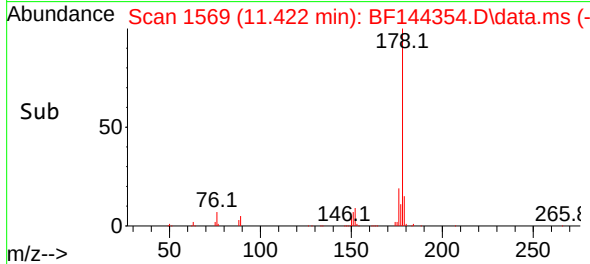
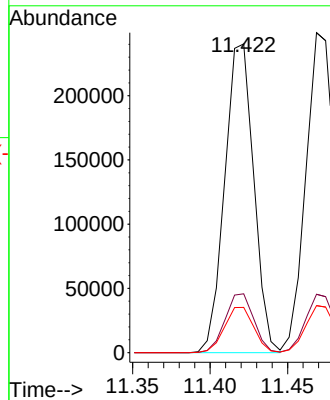
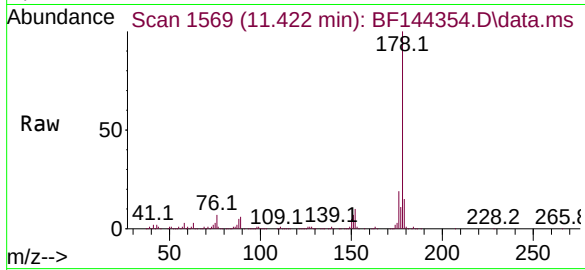




#71
Phenanthrene
Concen: 43.841 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

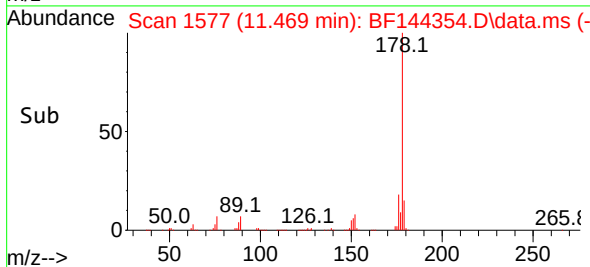
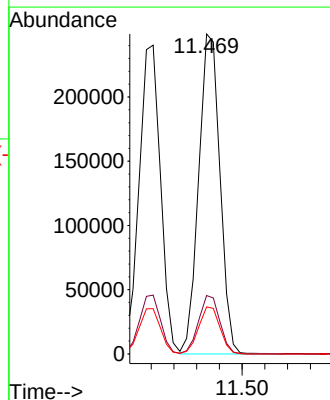
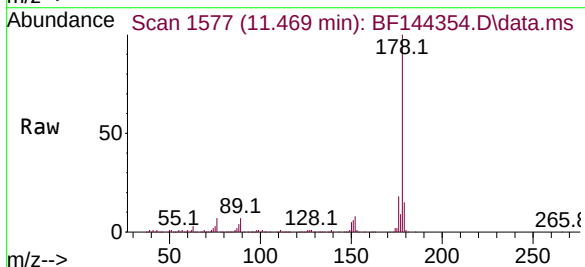
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

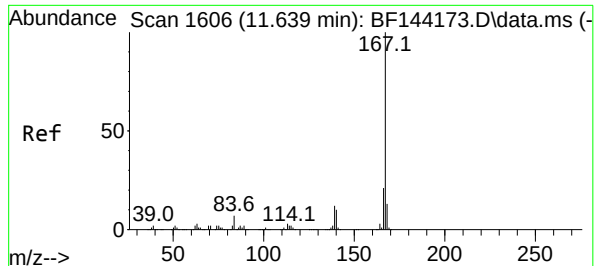
Tgt Ion:178 Resp: 313760
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 14.7 12.2 18.4



#72
Anthracene
Concen: 44.519 ng
RT: 11.469 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:178 Resp: 323975
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 14.7 12.0 18.0

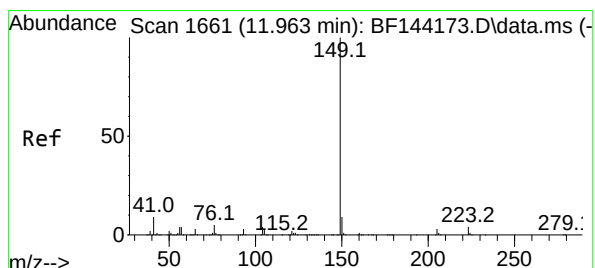
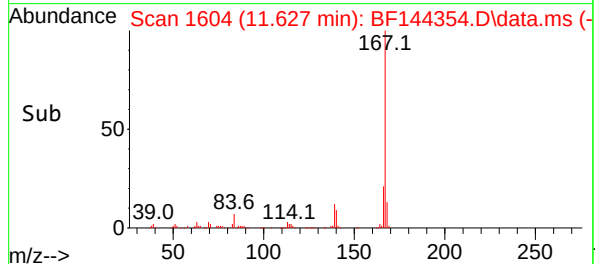
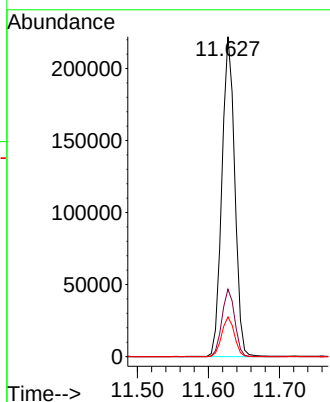
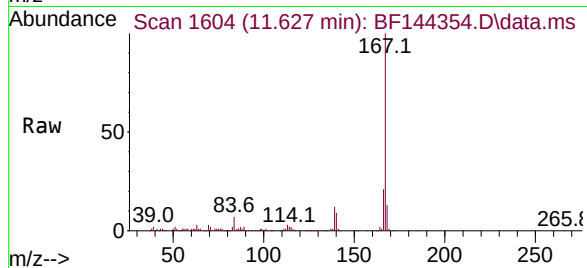




#73
 Carbazole
 Concen: 45.245 ng
 RT: 11.627 min Scan# 1604
 Delta R.T. -0.012 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

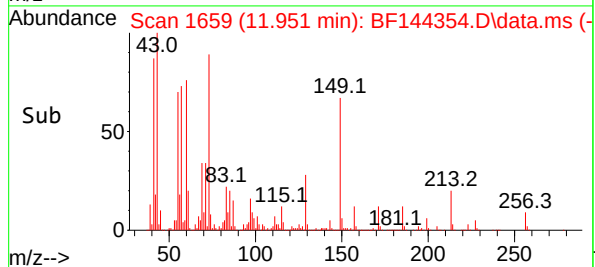
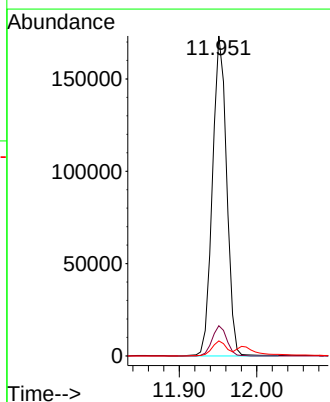
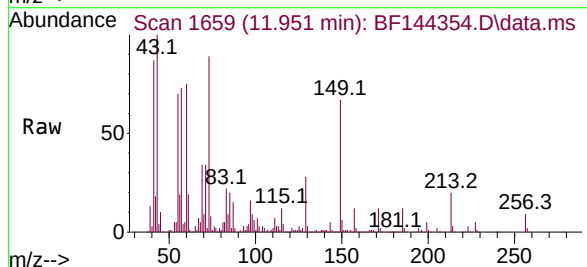
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWMSD

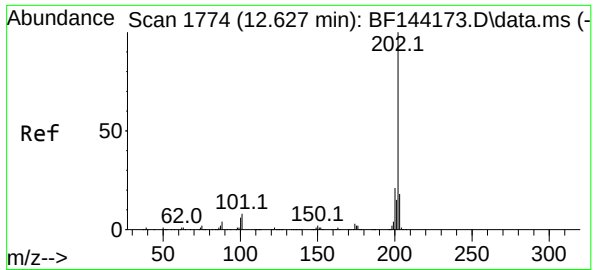
Tgt Ion:167 Resp: 279982
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.4 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 29.470 ng
 RT: 11.951 min Scan# 1659
 Delta R.T. -0.012 min
 Lab File: BF144354.D
 Acq: 25 Nov 2025 17:14

Tgt Ion:149 Resp: 220457
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 4.7 3.4 5.2

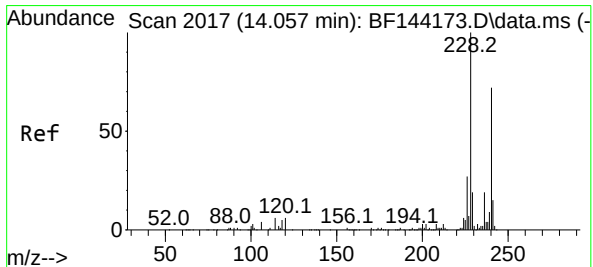
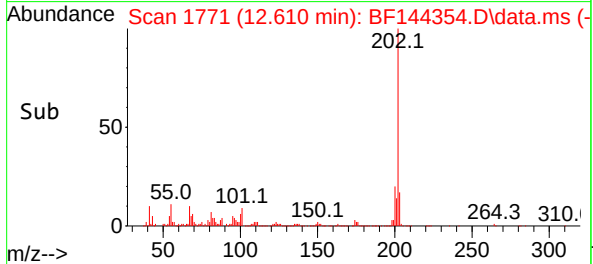
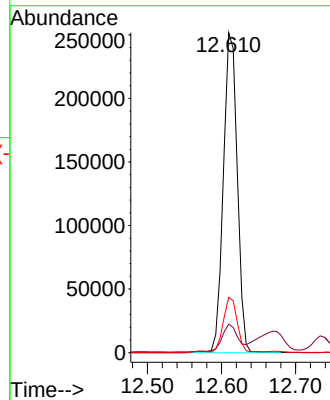
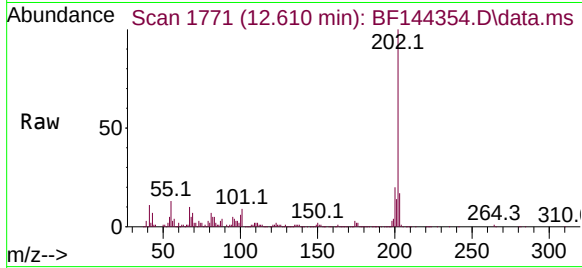




#75
Fluoranthene
Concen: 44.266 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

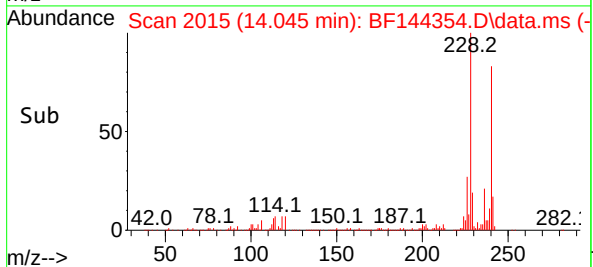
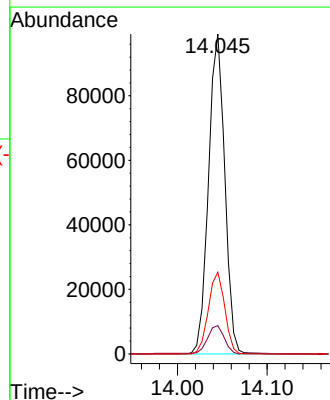
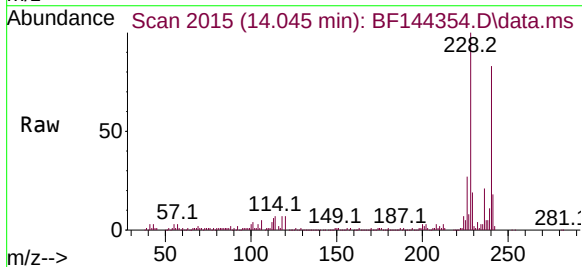
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

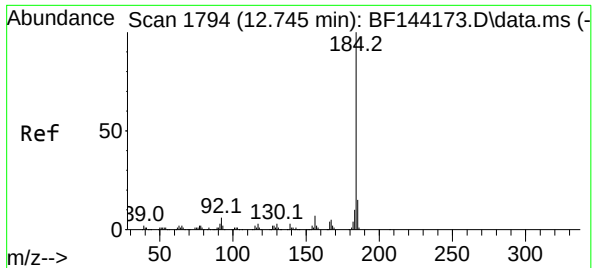
Tgt Ion:202 Resp: 327261
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.9
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:240 Resp: 124635
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 25.5 21.4 32.2





#77

Benzidine

Concen: 19.659 ng

RT: 12.739 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

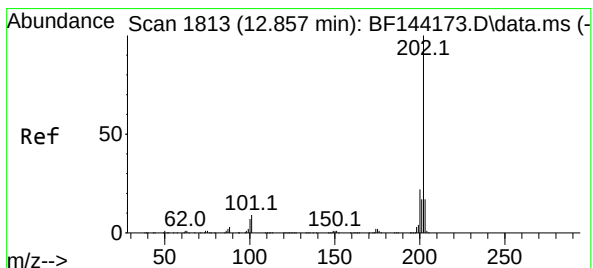
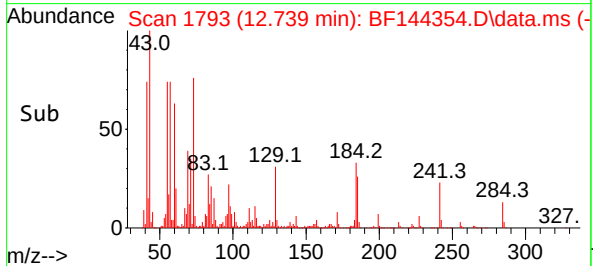
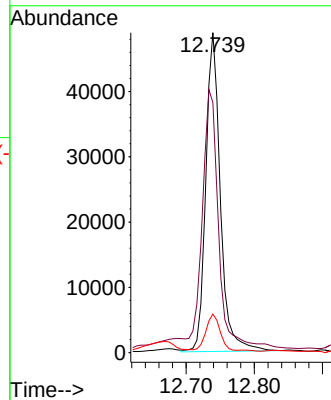
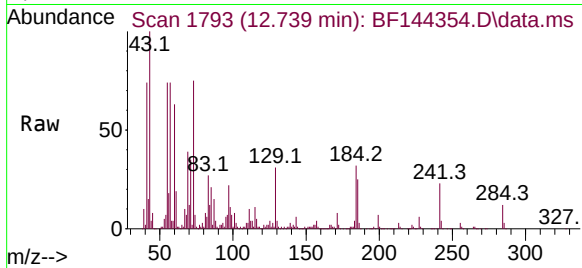
Tgt Ion:184 Resp: 72474

Ion Ratio Lower Upper

184 100

185 78.2 11.7 17.5#

183 12.0 8.3 12.5



#78

Pyrene

Concen: 34.966 ng

RT: 12.845 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

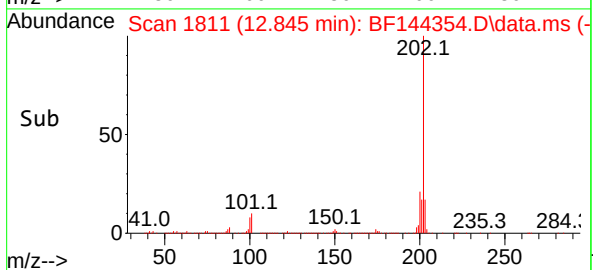
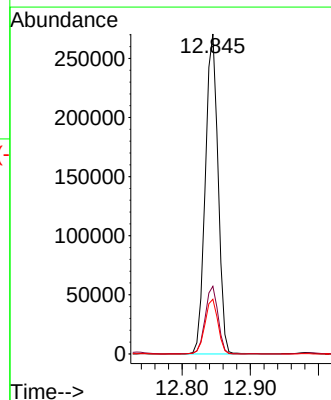
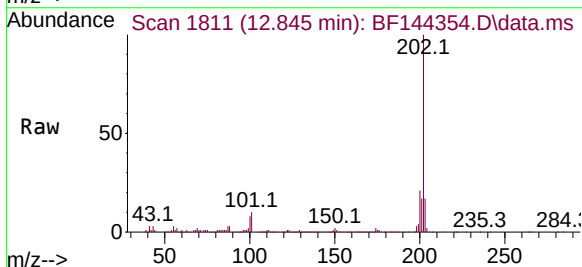
Tgt Ion:202 Resp: 351378

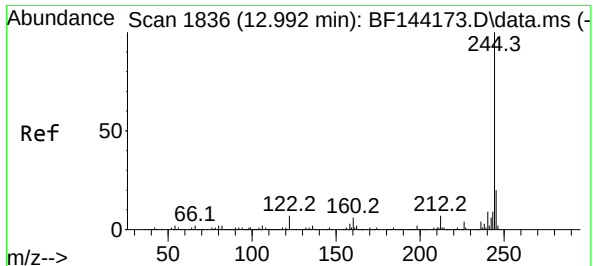
Ion Ratio Lower Upper

202 100

200 21.1 17.2 25.8

203 17.1 13.7 20.5

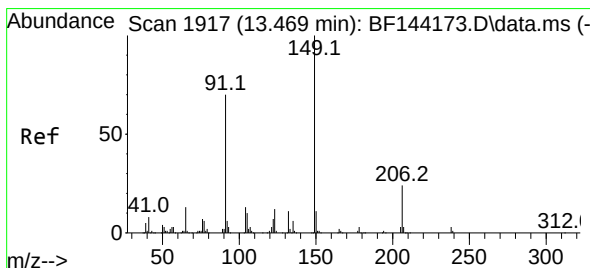
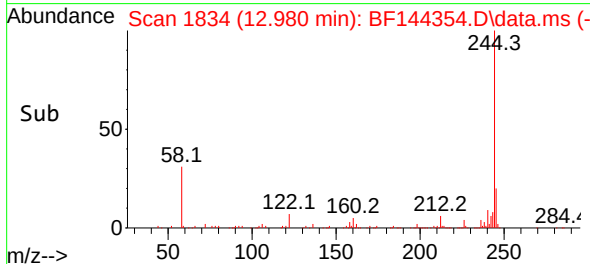
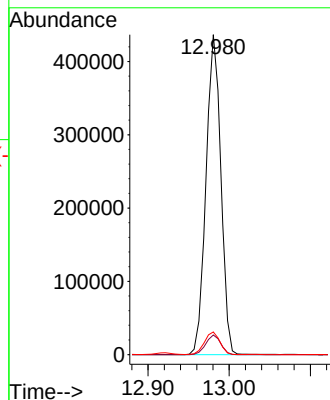
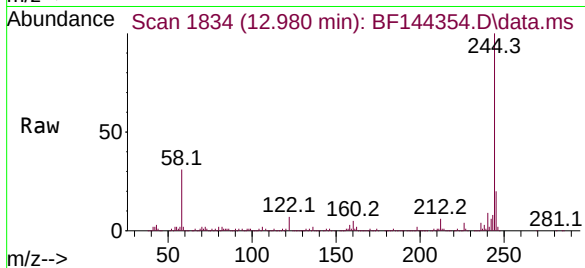




#79
Terphenyl-d14
Concen: 70.837 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

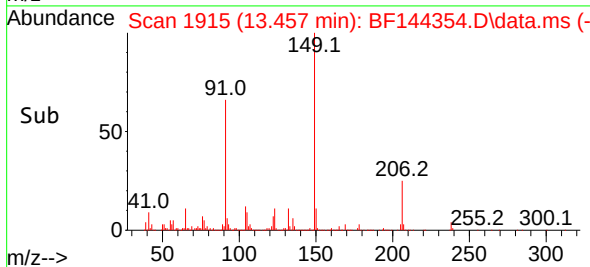
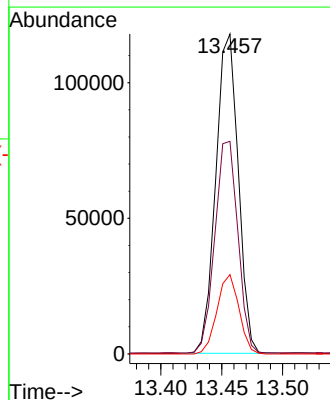
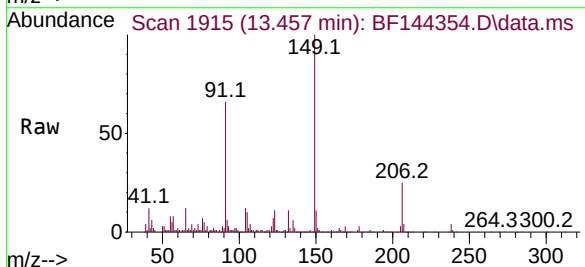
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

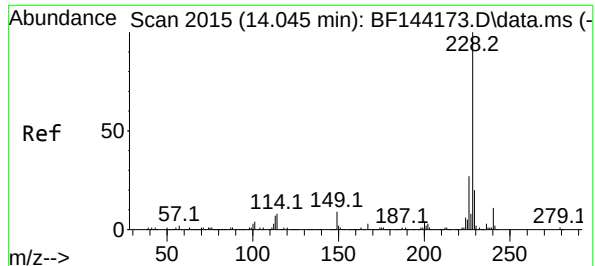
Tgt Ion:244 Resp: 555825
Ion Ratio Lower Upper
244 100
212 6.1 5.3 7.9
122 7.1 5.6 8.4



#80
Butylbenzylphthalate
Concen: 43.572 ng
RT: 13.457 min Scan# 1915
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:149 Resp: 151760
Ion Ratio Lower Upper
149 100
91 66.4 56.1 84.1
206 24.8 18.8 28.2





#81

Benzo(a)anthracene

Concen: 44.731 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

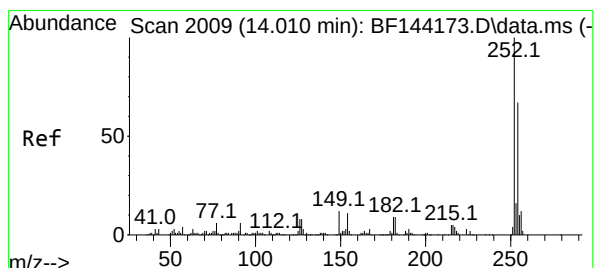
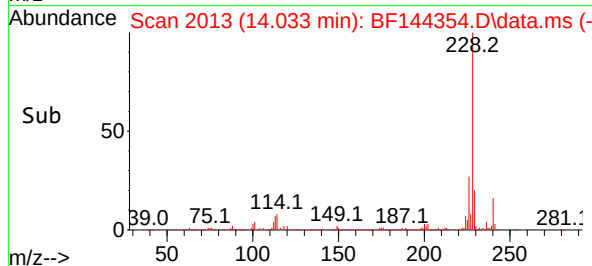
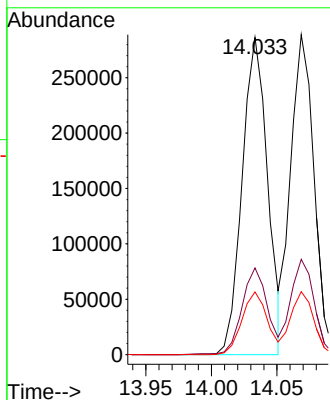
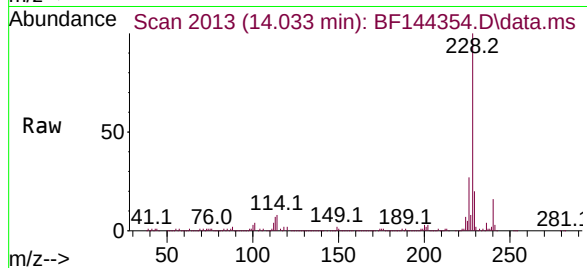
Tgt Ion:228 Resp: 386391

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 21.913 ng

RT: 13.992 min Scan# 2006

Delta R.T. -0.018 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

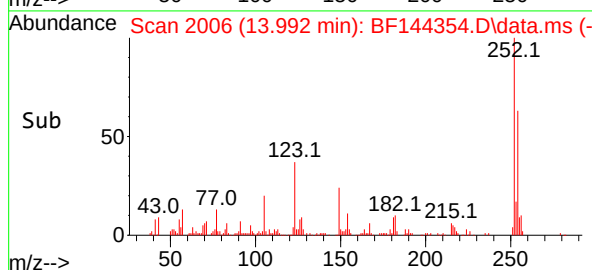
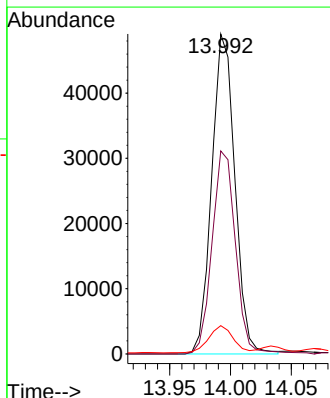
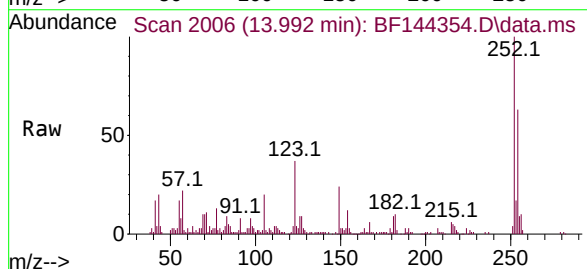
Tgt Ion:252 Resp: 64882

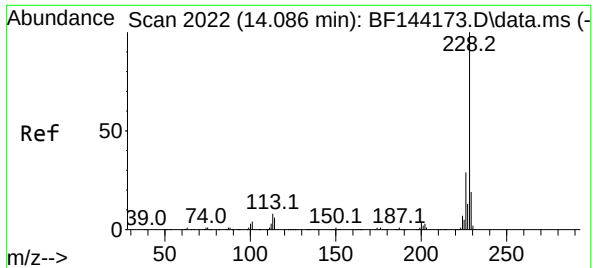
Ion Ratio Lower Upper

252 100

254 63.5 53.5 80.3

126 8.8 6.4 9.6

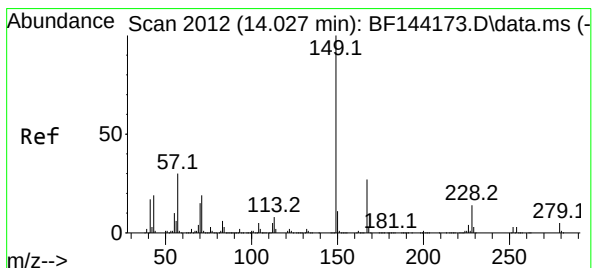
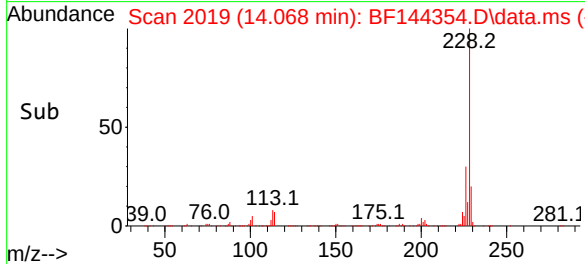
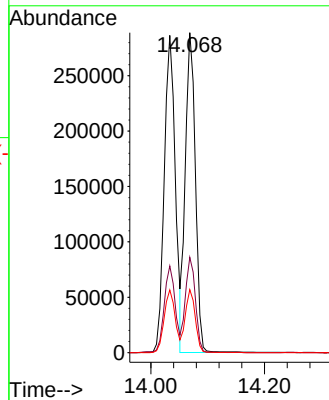
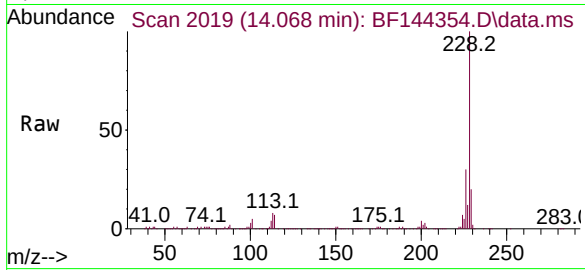




#83
Chrysene
Concen: 44.940 ng
RT: 14.068 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

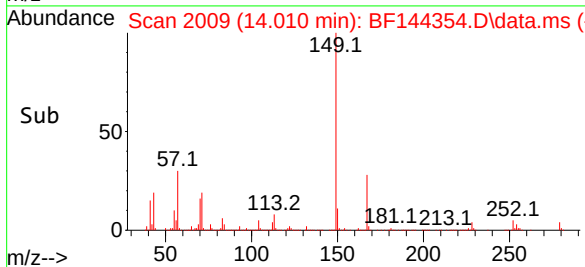
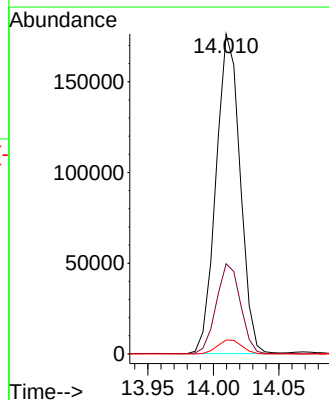
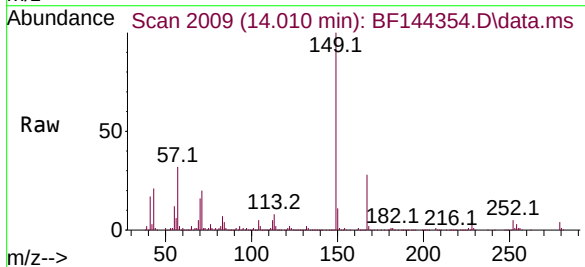
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

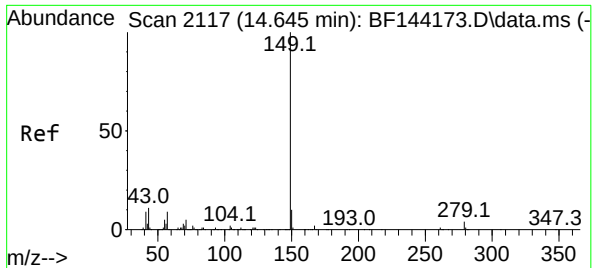
Tgt Ion:228 Resp: 358358
Ion Ratio Lower Upper
228 100
226 29.8 22.9 34.3
229 19.7 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.307 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.018 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:149 Resp: 225556
Ion Ratio Lower Upper
149 100
167 28.2 21.8 32.8
279 4.3 3.7 5.5

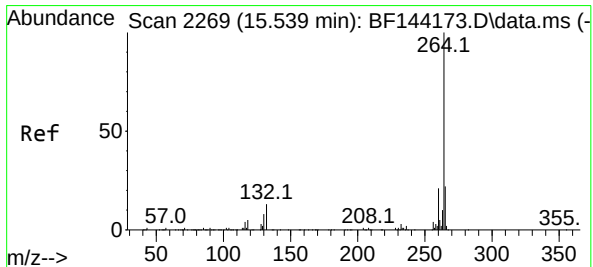
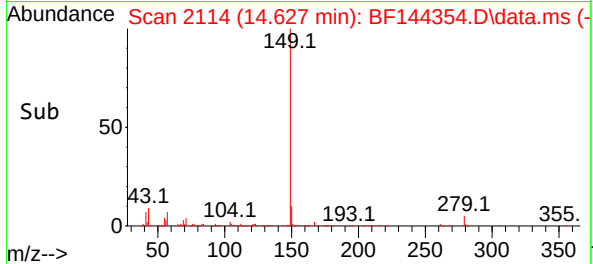
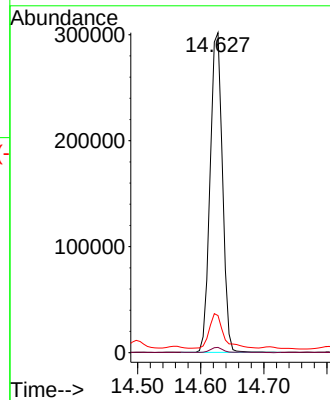
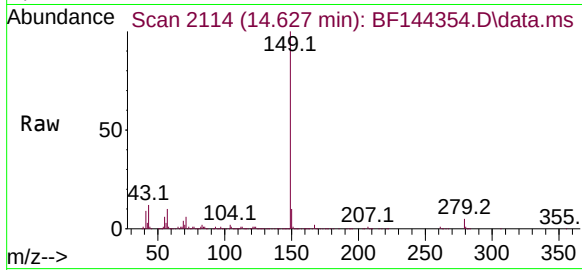




#85
Di-n-octyl phthalate
Concen: 49.770 ng
RT: 14.627 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

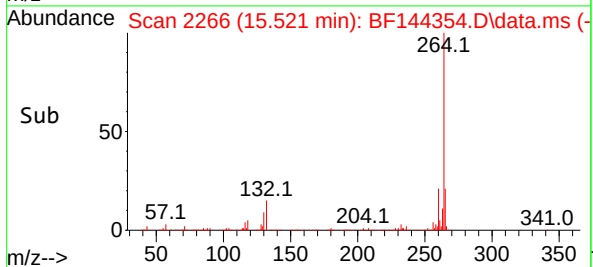
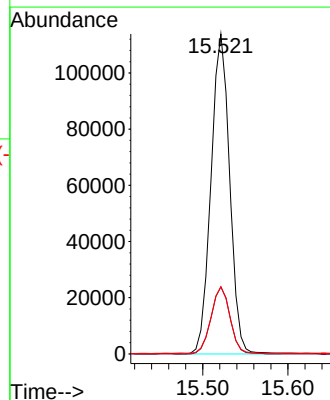
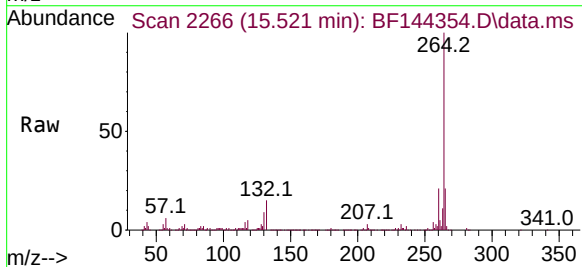
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

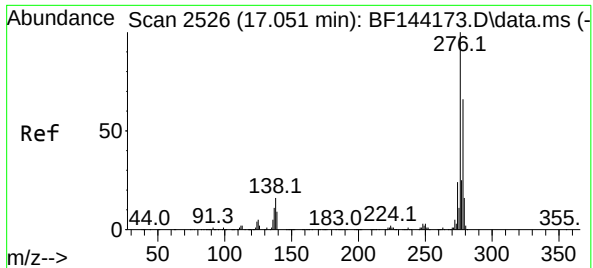
Tgt Ion:149 Resp: 409424
Ion Ratio Lower Upper
149 100
167 2.0 1.2 1.8#
43 12.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:264 Resp: 173017
Ion Ratio Lower Upper
264 100
260 21.0 17.1 25.7
265 20.9 17.4 26.0

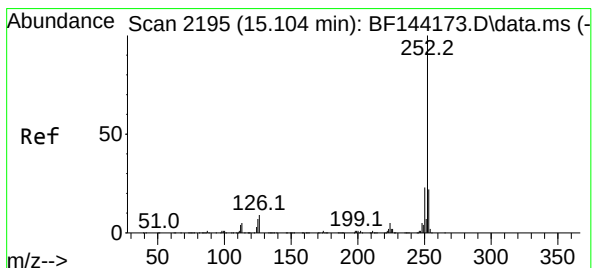
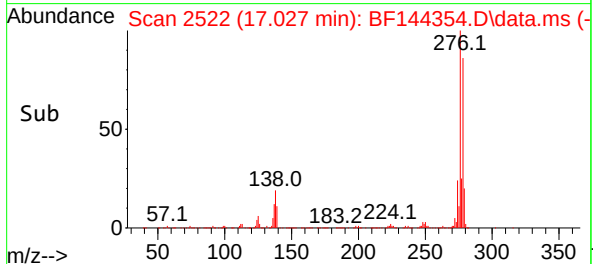
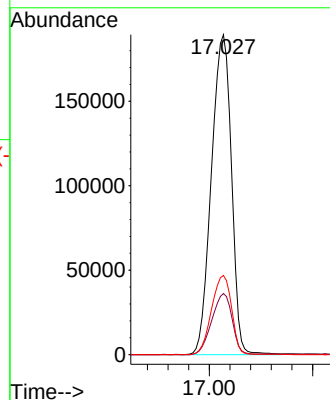
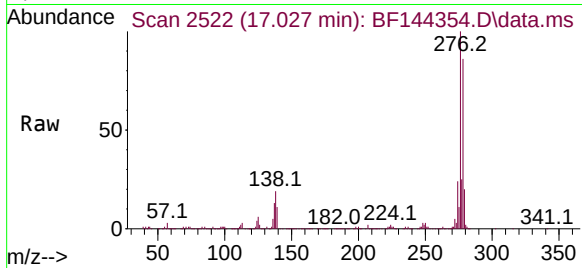




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.085 ng
RT: 17.027 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

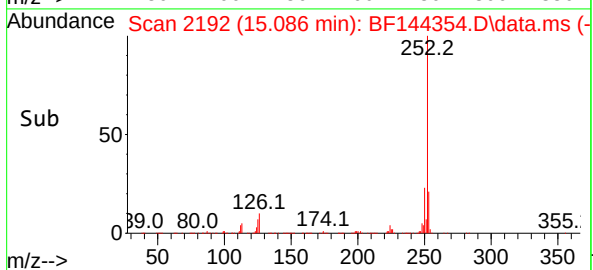
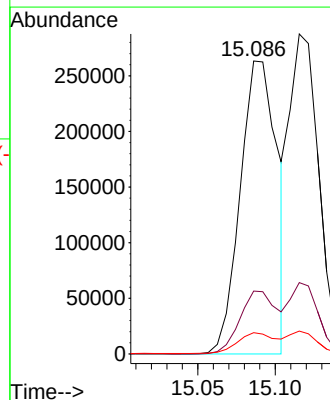
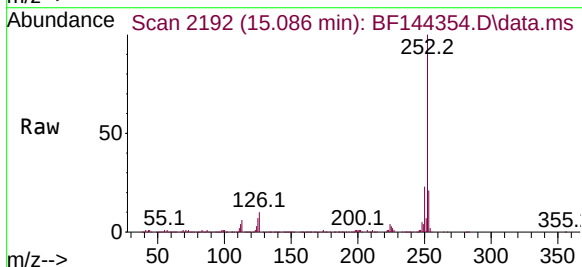
Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

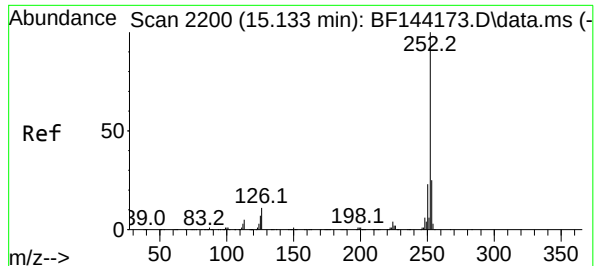
Tgt Ion:276 Resp: 510265
Ion Ratio Lower Upper
276 100
138 19.5 13.9 20.9
277 24.7 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 44.530 ng
RT: 15.086 min Scan# 2192
Delta R.T. -0.012 min
Lab File: BF144354.D
Acq: 25 Nov 2025 17:14

Tgt Ion:252 Resp: 438017
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 7.3 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 41.041 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

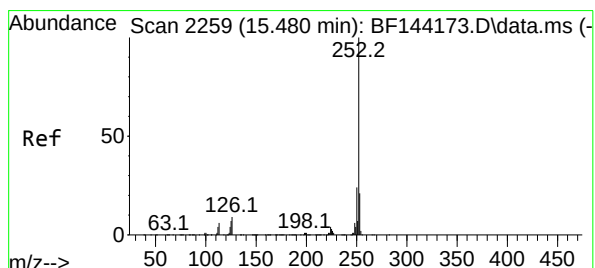
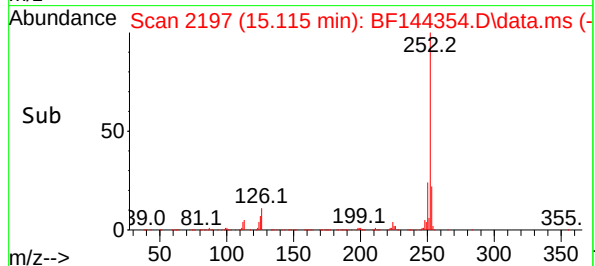
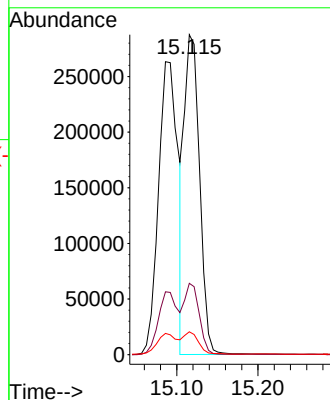
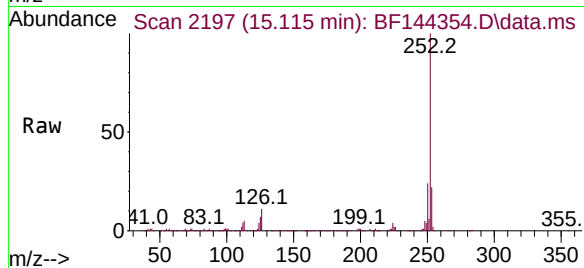
Tgt Ion:252 Resp: 377856

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 7.1 5.4 8.2



#90

Benzo(a)pyrene

Concen: 43.829 ng

RT: 15.463 min Scan# 2256

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

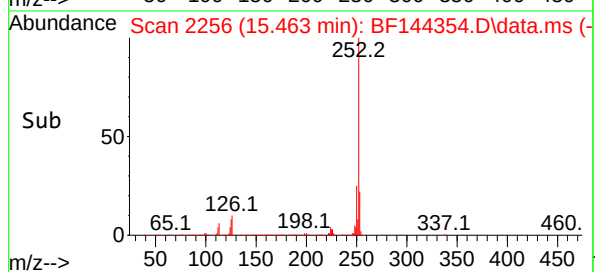
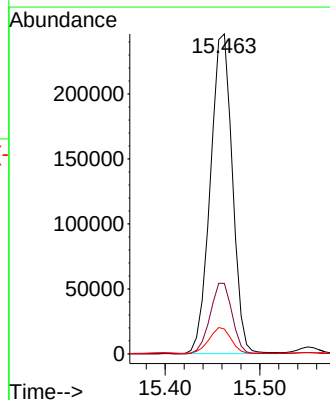
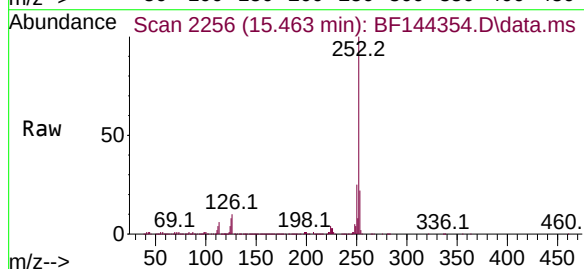
Tgt Ion:252 Resp: 397725

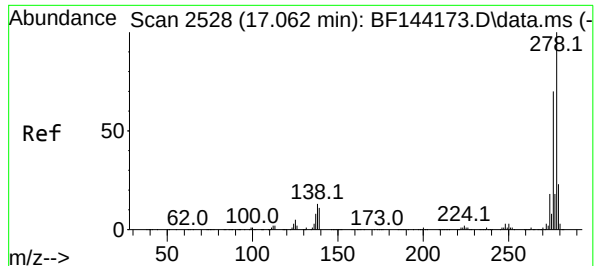
Ion Ratio Lower Upper

252 100

253 22.0 16.7 25.1

125 7.8 5.7 8.5





#91

Dibenzo(a,h)anthracene

Concen: 41.716 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

Instrument :

BNA_F

ClientSampleId :

EFF-WWMSD

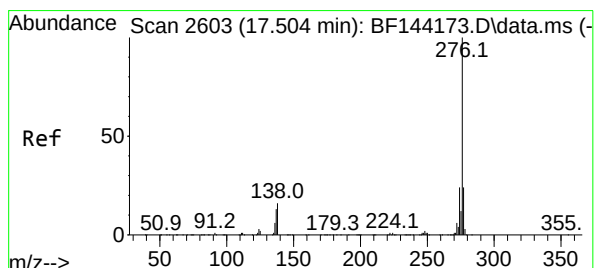
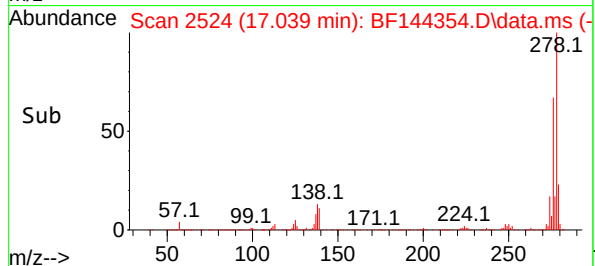
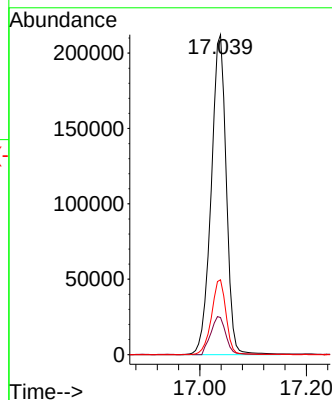
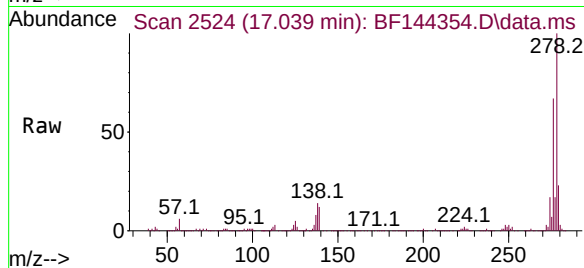
Tgt Ion:278 Resp: 416098

Ion Ratio Lower Upper

278 100

139 11.6 9.1 13.7

279 23.4 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 42.034 ng

RT: 17.480 min Scan# 2599

Delta R.T. -0.012 min

Lab File: BF144354.D

Acq: 25 Nov 2025 17:14

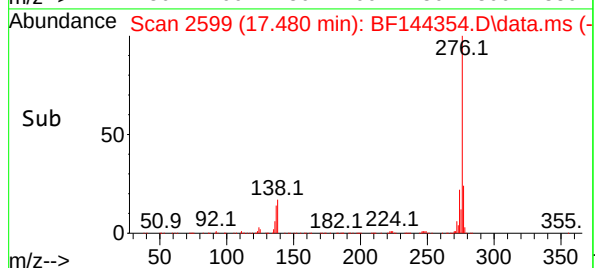
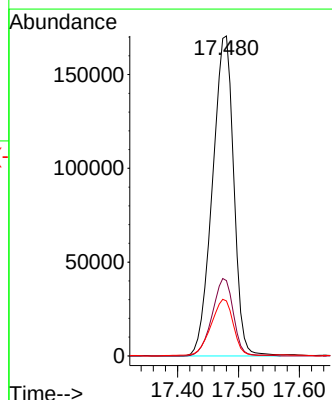
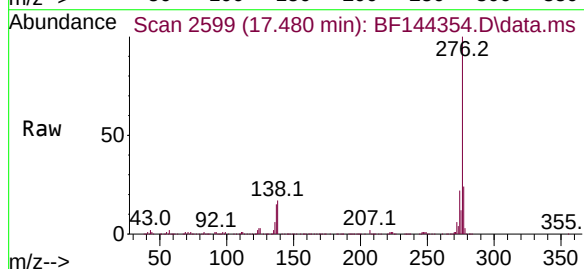
Tgt Ion:276 Resp: 414029

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 17.2 12.9 19.3



Manual Integration Report

Sequence:	BF110525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BF144170.D	Benzo(b)fluoranthene	rahul	11/6/2025 8:43:08 AM	Jagrut	11/6/2025 10:21:01 AM	Peak Integrated by Software
SSTDICV040	BF144177.D	Benzoic acid	rahul	11/6/2025 8:43:11 AM	Jagrut	11/6/2025 10:21:04 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BF112525

Instrument

BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170730BS	BF144350.D	Caprolactam	Jagrut	11/26/2025 1:41:37 PM	mohammad	11/27/2025 12:28:08 AM	Peak Integrated by Software
Q3700-05MS	BF144353.D	Caprolactam	Jagrut	11/26/2025 1:41:40 PM	mohammad	11/27/2025 12:28:08 AM	Peak Integrated by Software

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13181,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144168.D	05 Nov 2025 12:21	RC/JU	Ok
2	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50	RC/JU	Ok
3	SSTDICC005	BF144170.D	05 Nov 2025 13:20	RC/JU	Ok,M
4	SSTDICC010	BF144171.D	05 Nov 2025 13:50	RC/JU	Ok
5	SSTDICC020	BF144172.D	05 Nov 2025 14:20	RC/JU	Ok
6	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	RC/JU	Ok
7	SSTDICC050	BF144174.D	05 Nov 2025 15:49	RC/JU	Ok
8	SSTDICC060	BF144175.D	05 Nov 2025 16:19	RC/JU	Ok
9	SSTDICC080	BF144176.D	05 Nov 2025 16:49	RC/JU	Ok
10	SSTDICV040	BF144177.D	05 Nov 2025 17:21	RC/JU	Ok,M
11	PB170372BL	BF144178.D	05 Nov 2025 18:10	RC/JU	Ok

M : Manual Integration

Instrument ID: **BNA_F**

Daily Analysis Runlog For Sequence/QC Batch ID # BF112525

Review By	Jagrut	Review On	11/26/2025 1:42:06 PM
Supervise By	mohammad	Supervise On	11/27/2025 12:28:08 AM
SubDirectory	BF112525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13183,10ul/1000ul sample		
ICV/I.BLK	SP6872		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF144343.D	25 Nov 2025 11:10	RC/JU	Ok
2	SSTDCCC040	BF144344.D	25 Nov 2025 11:40	RC/JU	Ok
3	PB170694TB	BF144345.D	25 Nov 2025 12:10	RC/JU	Ok
4	PB170715BL	BF144346.D	25 Nov 2025 12:55	RC/JU	Ok
5	DFTPP	BF144347.D	25 Nov 2025 13:24	RC/JU	Ok
6	SSTDCCC040	BF144348.D	25 Nov 2025 13:54	RC/JU	Ok
7	PB170730BL	BF144349.D	25 Nov 2025 14:24	RC/JU	Ok
8	PB170730BS	BF144350.D	25 Nov 2025 14:54	RC/JU	Ok,M
9	PB170730BL	BF144351.D	25 Nov 2025 15:24	RC/JU	Ok
10	Q3700-04	BF144352.D	25 Nov 2025 16:15	RC/JU	Ok
11	Q3700-05MS	BF144353.D	25 Nov 2025 16:45	RC/JU	Ok,M
12	Q3700-06MSD	BF144354.D	25 Nov 2025 17:14	RC/JU	Ok,NR
13	Q3710-01DL	BF144355.D	25 Nov 2025 17:44	RC/JU	Ok,M
14	Q3710-05DL	BF144356.D	25 Nov 2025 18:14	RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF110525

Review By	rahul	Review On	11/5/2025 2:56:50 PM
Supervise By	Jagrut	Supervise On	11/6/2025 10:21:33 AM
SubDirectory	BF110525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13181,10ul/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	BF144168.D	05 Nov 2025 12:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF144169.D	05 Nov 2025 12:50		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF144170.D	05 Nov 2025 13:20		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BF144171.D	05 Nov 2025 13:50		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF144172.D	05 Nov 2025 14:20		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BF144173.D	05 Nov 2025 14:50	Compound #41 kept on QR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF144174.D	05 Nov 2025 15:49		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF144175.D	05 Nov 2025 16:19		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF144176.D	05 Nov 2025 16:49		RC/JU	Ok
10	SSTDICV040	ICVBF110525	BF144177.D	05 Nov 2025 17:21		RC/JU	Ok,M
11	PB170372BL	PB170372BL	BF144178.D	05 Nov 2025 18:10		RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QC Batch ID # BF112525

Review By	Jagrut	Review On	11/26/2025 1:42:06 PM
Supervise By	mohammad	Supervise On	11/27/2025 12:28:08 AM
SubDirectory	BF112525	HP Acquire Method	BNA_F
		HP Processing Method	BF110525
STD. NAME	STD REF.#		
Tune/Reschk	SP6875		
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864		
CCC	SP6860		
Internal Standard/PEM	S13183,10ul/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	BF144343.D	25 Nov 2025 11:10		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF144344.D	25 Nov 2025 11:40		RC/JU	Ok
3	PB170694TB	PB170694TB	BF144345.D	25 Nov 2025 12:10		RC/JU	Ok
4	PB170715BL	PB170715BL	BF144346.D	25 Nov 2025 12:55		RC/JU	Ok
5	DFTPP	DFTPP	BF144347.D	25 Nov 2025 13:24		RC/JU	Ok
6	SSTDCCC040	SSTDCCC040	BF144348.D	25 Nov 2025 13:54		RC/JU	Ok
7	PB170730BL	PB170730BL	BF144349.D	25 Nov 2025 14:24		RC/JU	Ok
8	PB170730BS	PB170730BS	BF144350.D	25 Nov 2025 14:54		RC/JU	Ok,M
9	PB170730BL	PB170730BL	BF144351.D	25 Nov 2025 15:24		RC/JU	Ok
10	Q3700-04	EFF-WW	BF144352.D	25 Nov 2025 16:15		RC/JU	Ok
11	Q3700-05MS	EFF-WWMS	BF144353.D	25 Nov 2025 16:45		RC/JU	Ok,M
12	Q3700-06MSD	EFF-WWMSD	BF144354.D	25 Nov 2025 17:14		RC/JU	Ok,NR
13	Q3710-01DL	RBR200028-RT5376-C	BF144355.D	25 Nov 2025 17:44		RC/JU	Ok,M
14	Q3710-05DL	WELD-SHOP-EXCAVA	BF144356.D	25 Nov 2025 18:14		RC/JU	Ok,M

M : Manual Integration

SOP ID: M625.1-BNA-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 11/25/2025

Extraction Start Time : 08:50

Extraction End Date : 11/25/2025

Extraction End Time : 13:45

Concentration By: EH

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	SP6895
Surrogate	1.0ML	100 PPM	SP6874
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
Methylene Chloride	N/A	E3986
Baked Na2SO4	N/A	EP2663
10N NaOH	N/A	EP2658
H2SO4 1:1	N/A	EP2657
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:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 & >11 with 10N NaOH. Q3700-05,06 we recieved Limited volume.

KD Bath ID: WATER BATH-1

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

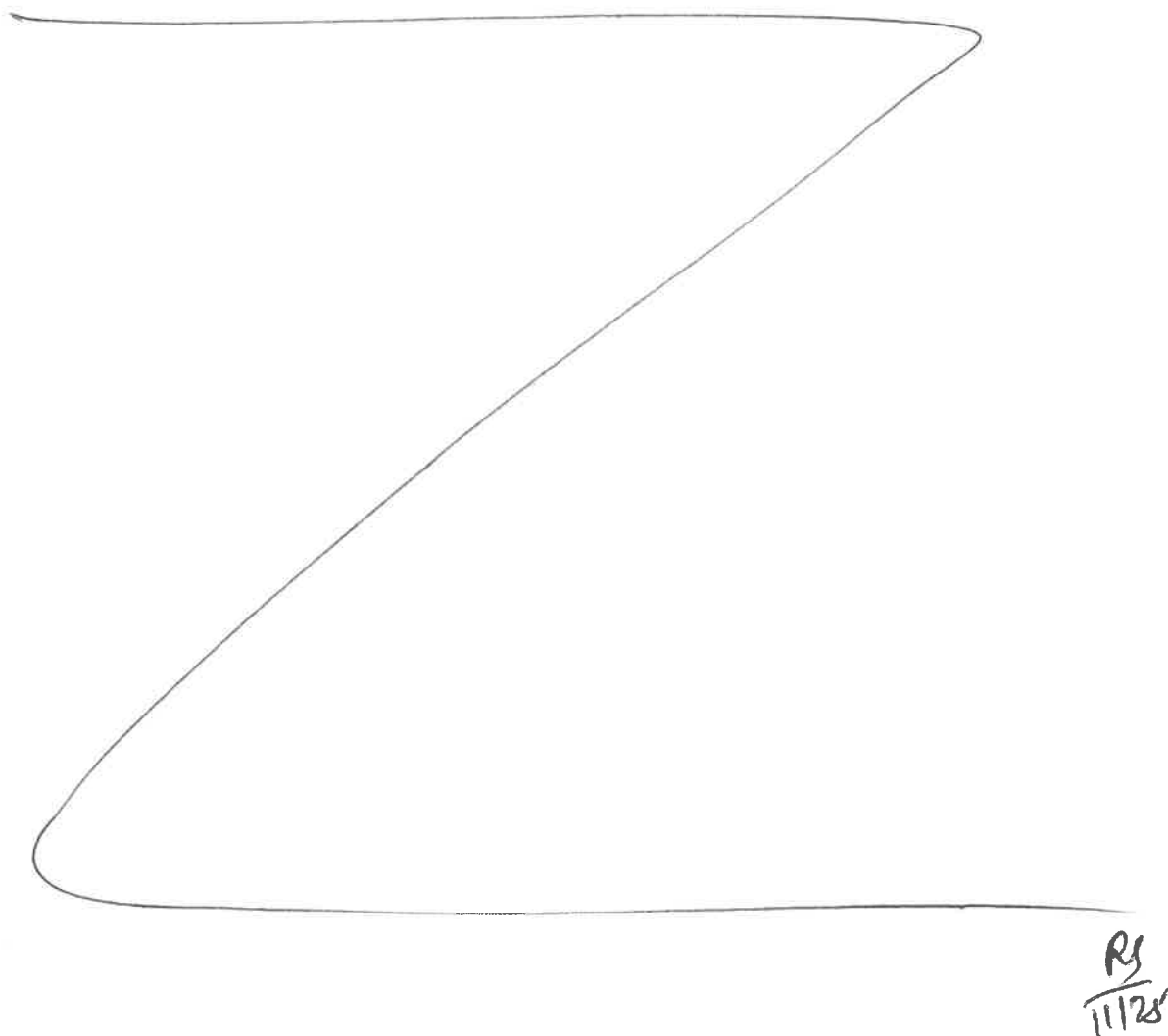
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/25/25	RS (Ext-Lab)	Jp (Svce)
13:50	Preparation Group	Analysis Group

Analytical Method: M625.1-BNA-21

Concentration Date: 11/25/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170730BL	SBLK730	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB170730BS	SLCS730	SVOCMS Group1	1000	6	RUPESH	ritesh	1			2
Q3700-04	EFF-WW	SVOCMS Group1	800	6	RUPESH	ritesh	1	E		3
Q3700-05	Q3700-04MS	SVOCMS Group1	530	6	RUPESH	ritesh	1	B		4
Q3700-06	Q3700-04MSD	SVOCMS Group1	690	6	RUPESH	ritesh	1	B		5



170430
8:50

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3700 WorkList ID : 193340 Department : Extraction Date : 11-25-2025 08:45:08

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3700-04	EFF-WW	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	E11	11/20/2025	625.1
Q3700-05	Q3700-04MS	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	E11	11/20/2025	625.1
Q3700-06	Q3700-04MSD	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	E11	11/20/2025	625.1

Date/Time 11/25/25 8:45
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: OL SN

Date/Time 11/25/25 9:20
Raw Sample Received by: OL SN
Raw Sample Relinquished by: RS (Ext Lab)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ARMORE INC
ADDRESS: 29 RIVERSIDE AVE, Bldg #14
CITY: Newark, NJ STATE: NJ ZIP: 07104
ATTENTION: M Sharpshaw
PHONE: 973 481 2406 FAX: 973 481 2637

CLIENT PROJECT INFORMATION

PROJECT NAME: PUSC MONTHLY
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: STANDARD 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

VOC CN BOD/TSS 300C METALS
1 2 3 4 5 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	← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	EFF WASTE WATER	WW		X	11/29/25	1:00 PM		X	X									
2.	EFF WASTE WATER	WW	X		11/29/25	1:00 PM				X	X	X						
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>Ant Sharpshaw</u>	DATE/TIME: <u>11/20/25</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>2.5</u> °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME: <u>11/20/25 16:00</u>	RECEIVED BY: 2. <u>[Signature]</u>	Comments: <u>METALS - LEAD, ZINC</u> <u>ONLY METALS keep</u>
RELINQUISHED BY SAMPLER: 3.	DATE/TIME:	RECEIVED BY: 3.	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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3700	ARDM01	Order Date : 11/20/2025 4:11:00 PM	Project Mgr :
Client Name : Ardmore Chemical		Project Name : PVSC Monthly 2025	Report Type : Level 1
Client Contact : Michael Sharphouse		Receive DateTime : 11/20/2025 4:00:00 PM	EDD Type : NONE
Invoice Name : Ardmore Chemical		Purchase Order :	Hard Copy Date :
Invoice Contact : Michael Sharphouse			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3700-01	EFF-WW	Water	11/20/2025	13:00	VOC-PP		624.1	10 Bus. Days	
Q3700-02	Q3700-01MS	Water	11/20/2025	13:00	VOC-PP		624.1	10 Bus. Days	
Q3700-03	Q3700-01MSD	Water	11/20/2025	13:00	VOC-PP		624.1	10 Bus. Days	

Relinquished By :

Date / Time :

OP
11/21/25 9:55

Received By :

Date / Time :

Saus
11/21/25 9:55 RGH

Storage Area : VOA Refridgerator Room